

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018210.D
 Acq On : 1 Aug 2015 8:43
 Operator : TP/UM
 Sample : G3065-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Z8

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.815	354	362	370	rBV	406131	591059	3.19%	0.370%
2	5.485	470	476	485	rVB	101143	158293	0.85%	0.099%
3	6.683	675	680	690	rVB2	76281	148730	0.80%	0.093%
4	6.830	698	705	709	rBV	63008	98418	0.53%	0.062%
5	7.024	733	738	749	rVB2	93083	155080	0.84%	0.097%
6	7.371	791	797	807	rBV	83516	147565	0.80%	0.092%
7	7.482	807	816	819	rVV	241114	405549	2.19%	0.254%
8	7.517	819	822	832	rVB	223000	345377	1.86%	0.216%
9	8.211	935	940	945	rVV	70001	111500	0.60%	0.070%
10	8.587	992	1004	1008	rBV4	38368	86178	0.46%	0.054%
11	8.640	1008	1013	1022	rVB	82800	146833	0.79%	0.092%
12	9.357	1125	1135	1140	rBV5	77052	170669	0.92%	0.107%
13	9.903	1223	1228	1235	rVB2	113028	179221	0.97%	0.112%
14	10.132	1262	1267	1272	rBV3	95772	160351	0.86%	0.100%
15	10.267	1280	1290	1295	rBV	344217	608269	3.28%	0.381%
16	10.320	1295	1299	1306	rVB	94096	159931	0.86%	0.100%
17	10.438	1315	1319	1325	rVB2	53824	92151	0.50%	0.058%
18	11.307	1461	1467	1472	rBV	112050	198043	1.07%	0.124%
19	11.942	1571	1575	1583	rVB	84679	155394	0.84%	0.097%
20	12.171	1608	1614	1619	rBV	51891	97729	0.53%	0.061%
21	12.688	1698	1702	1707	rVV	124498	189697	1.02%	0.119%
22	12.741	1707	1711	1718	rVB8	41480	78624	0.42%	0.049%
23	13.334	1805	1812	1815	rBV3	28935	67787	0.37%	0.042%
24	13.475	1832	1836	1841	rBV2	68592	118036	0.64%	0.074%
25	13.528	1841	1845	1848	rVV4	51625	78487	0.42%	0.049%
26	13.575	1848	1853	1857	rVV2	333367	469868	2.53%	0.294%
27	13.622	1857	1861	1864	rVV	177649	279383	1.51%	0.175%
28	13.651	1864	1866	1870	rVV2	214239	273059	1.47%	0.171%
29	13.704	1870	1875	1880	rVB6	57313	121820	0.66%	0.076%
30	13.851	1895	1900	1904	rBV	152441	222918	1.20%	0.140%
31	13.898	1904	1908	1913	rVB5	66214	114076	0.62%	0.071%
32	13.986	1919	1923	1927	rVB	118990	152753	0.82%	0.096%
33	14.163	1942	1953	1958	rBV2	447409	820976	4.43%	0.514%
34	14.227	1960	1964	1972	rVB4	86037	152478	0.82%	0.095%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Title : SVOA CALIBRATION

35	14.568	2018	2022	2027	rVB3	77890	154787	0.83%	0.097%
36	14.644	2032	2035	2039	rVB	58130	70551	0.38%	0.044%
37	14.703	2041	2045	2051	rVB3	100964	136817	0.74%	0.086%
38	14.791	2056	2060	2062	rBV3	53698	79694	0.43%	0.050%
39	14.885	2071	2076	2081	rBV9	44074	82980	0.45%	0.052%
40	14.950	2082	2087	2092	rBV7	109507	204631	1.10%	0.128%
41	15.161	2119	2123	2128	rVB	231977	326429	1.76%	0.204%
42	15.214	2128	2132	2136	rBV2	129006	198921	1.07%	0.125%
43	15.443	2165	2171	2177	rVB3	200095	358312	1.93%	0.224%
44	15.884	2242	2246	2247	rBV	121704	148201	0.80%	0.093%
45	15.925	2249	2253	2259	rVB	456397	646022	3.48%	0.404%
46	16.748	2388	2393	2400	rVB3	273461	442410	2.39%	0.277%
47	16.836	2406	2408	2412	rVB5	61870	67018	0.36%	0.042%
48	16.918	2418	2422	2426	rBV	413125	637490	3.44%	0.399%
49	16.959	2426	2429	2434	rVB	570912	776383	4.19%	0.486%
50	17.018	2436	2439	2442	rVV	176485	196347	1.06%	0.123%
51	17.100	2450	2453	2461	rVB4	204072	351718	1.90%	0.220%
52	17.300	2484	2487	2491	rBV	242035	317331	1.71%	0.199%
53	17.641	2540	2545	2552	rBV	1114101	1464675	7.90%	0.917%
54	17.723	2554	2559	2564	rBV	2611001	3200432	17.26%	2.004%
55	17.847	2577	2580	2588	rVB2	290558	496397	2.68%	0.311%
56	17.999	2602	2606	2609	rBV3	406703	564120	3.04%	0.353%
57	18.040	2609	2613	2614	rVV2	765552	912763	4.92%	0.571%
58	18.064	2614	2617	2621	rVV	1214630	1661248	8.96%	1.040%
59	18.111	2621	2625	2630	rVB	3969935	5061308	27.30%	3.169%
60	18.217	2638	2643	2652	rVB	5064574	6987173	37.69%	4.374%
61	18.411	2671	2676	2683	rBV2	3145829	4352126	23.48%	2.725%
62	18.569	2696	2703	2707	rVB	13364890	18538810	100.00%	11.606%
63	18.622	2707	2712	2718	rVB2	828325	1211432	6.53%	0.758%
64	18.698	2720	2725	2733	rBV	2239596	3455646	18.64%	2.163%
65	18.857	2749	2752	2757	rVB2	393087	500025	2.70%	0.313%
66	18.945	2763	2767	2772	rBV	978082	1212123	6.54%	0.759%
67	19.004	2773	2777	2782	rVV	901320	1293351	6.98%	0.810%
68	19.075	2782	2789	2793	rVV	11664815	14898717	80.37%	9.327%
69	19.145	2796	2801	2807	rVV	2578938	3405196	18.37%	2.132%
70	19.216	2809	2813	2818	rVV2	764081	998269	5.38%	0.625%
71	19.286	2822	2825	2829	rVB3	491288	582271	3.14%	0.365%

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72	19.339	2831	2834	2836	rVV3	331754	468752	2.53%	0.293%
73	19.368	2836	2839	2847	rVB	842173	1234698	6.66%	0.773%
74	19.574	2871	2874	2885	rVB3	845350	1533733	8.27%	0.960%
75	19.721	2896	2899	2903	rVB	1043716	1131740	6.10%	0.709%
76	19.762	2904	2906	2910	rVV2	504991	640844	3.46%	0.401%
77	19.815	2912	2915	2919	rVB	904620	935475	5.05%	0.586%
78	19.862	2919	2923	2927	rBV	2313677	2721134	14.68%	1.704%
79	19.903	2927	2930	2934	rBV2	326756	411734	2.22%	0.258%
80	20.067	2955	2958	2966	rVB3	841657	1111701	6.00%	0.696%
81	20.144	2967	2971	2976	rBV	2641658	3100488	16.72%	1.941%
82	20.197	2977	2980	2985	rBV4	572513	776866	4.19%	0.486%
83	20.302	2995	2998	3003	rVB3	725334	874563	4.72%	0.548%
84	20.444	3018	3022	3030	rBV	1060551	2286713	12.33%	1.432%
85	20.608	3047	3050	3057	rVB	1925697	2080603	11.22%	1.303%
86	20.696	3058	3065	3068	rBV2	947544	2009828	10.84%	1.258%
87	20.831	3084	3088	3090	rBV3	965364	1546856	8.34%	0.968%
88	20.937	3103	3106	3112	rVB3	664885	788714	4.25%	0.494%
89	21.172	3142	3146	3150	rVB2	2822330	3395686	18.32%	2.126%
90	21.301	3165	3168	3173	rVB2	1682889	1863503	10.05%	1.167%
91	21.472	3195	3197	3200	rVB	683446	659178	3.56%	0.413%
92	21.525	3204	3206	3214	rVB4	881761	1099168	5.93%	0.688%
93	21.595	3216	3218	3221	rVB2	579555	515516	2.78%	0.323%
94	21.724	3237	3240	3246	rVB	2323680	2744006	14.80%	1.718%
95	22.183	3314	3318	3323	rVB	3828897	4486392	24.20%	2.809%
96	22.682	3397	3403	3407	rBV	5597591	7789090	42.02%	4.876%
97	23.234	3491	3497	3505	rVB	5058932	8440738	45.53%	5.284%
98	23.875	3598	3606	3613	rVB	5243137	9941678	53.63%	6.224%
99	24.603	3723	3730	3740	rVB	2892747	6498450	35.05%	4.068%
100	25.461	3868	3876	3885	rVB	2018372	5297446	28.57%	3.316%

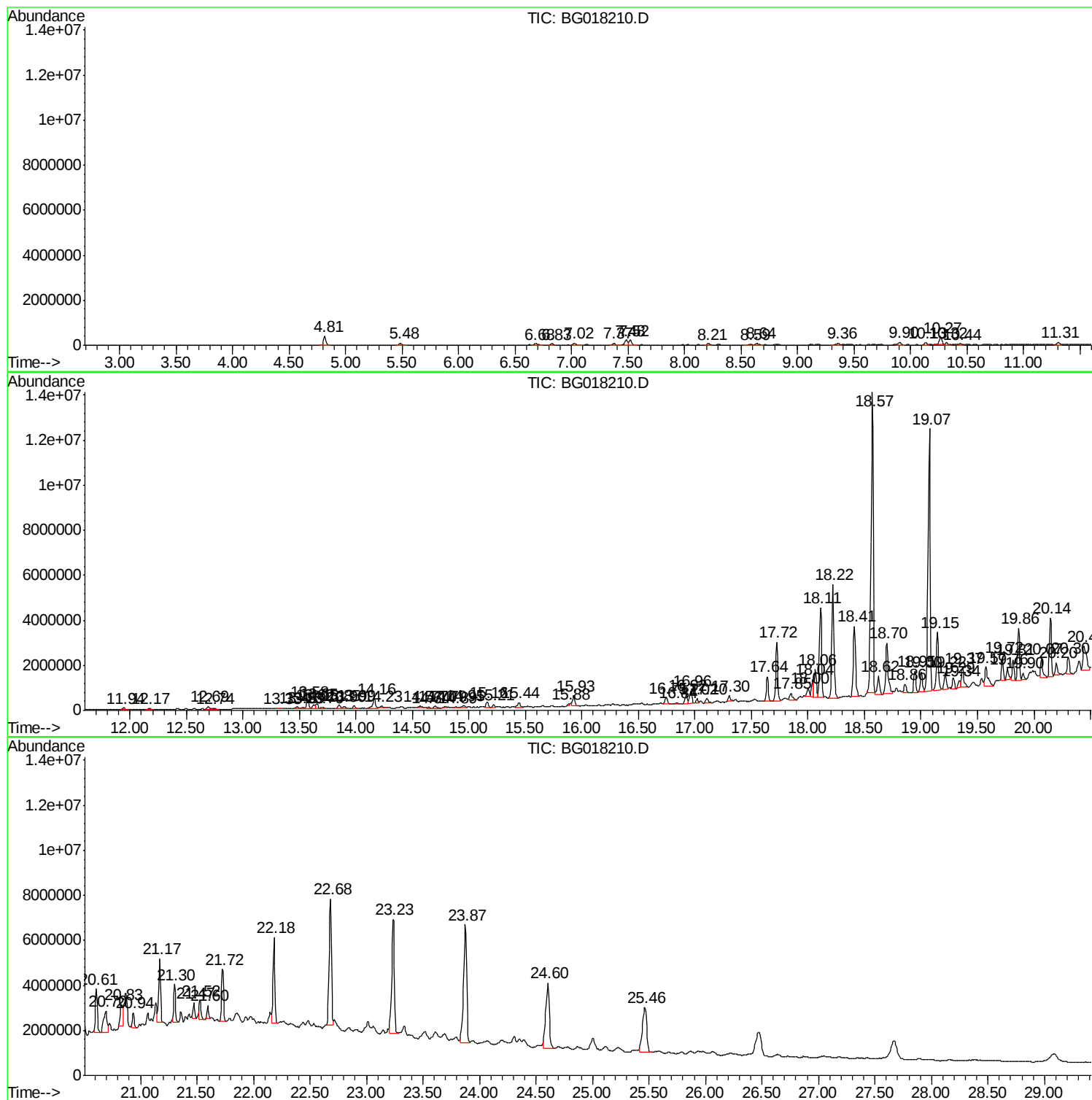
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Instrument :
BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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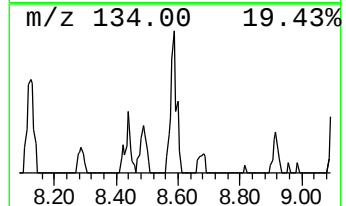
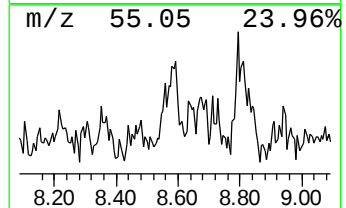
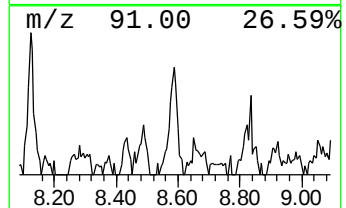
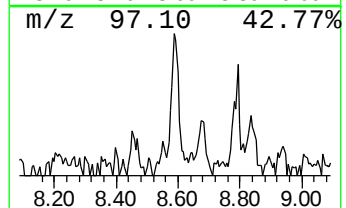
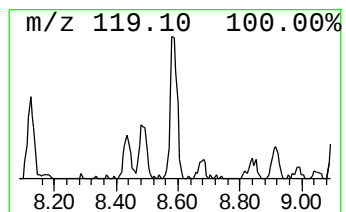
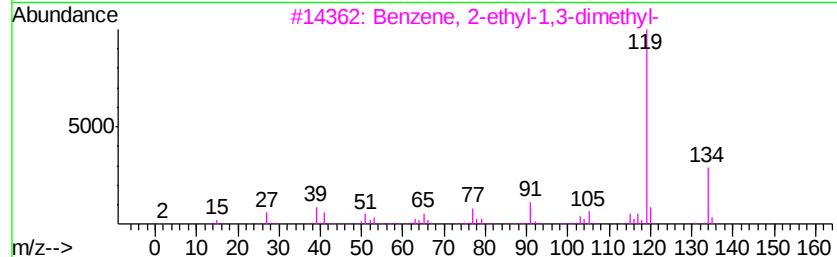
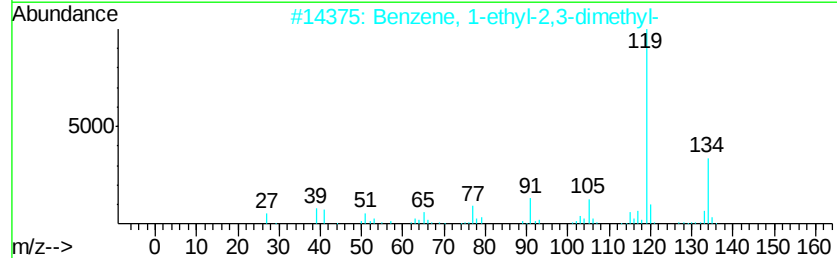
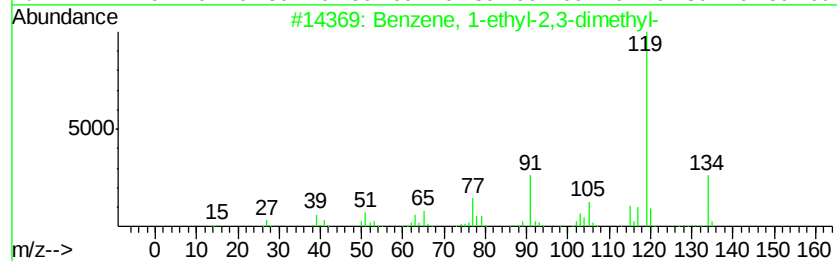
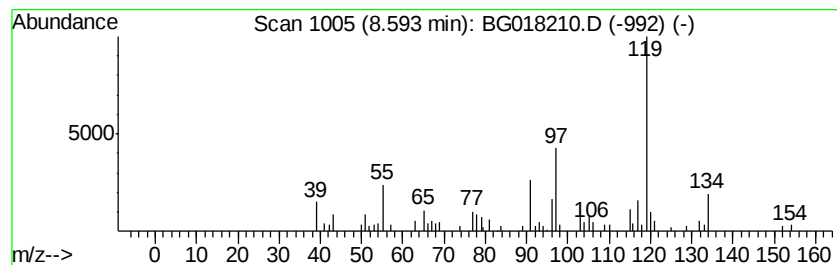
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	4.25 ng/ul	86178	1,4-Dichlorobenzene-d4	7.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
2		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
3		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76
4		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
5		Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	76



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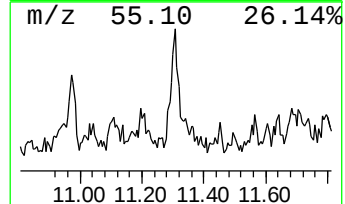
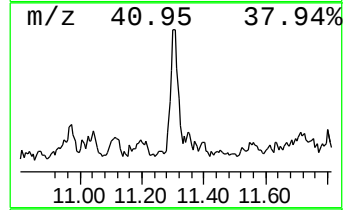
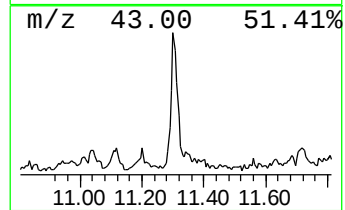
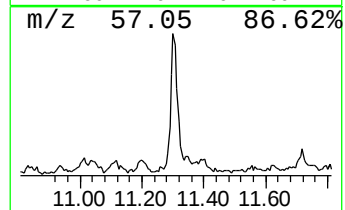
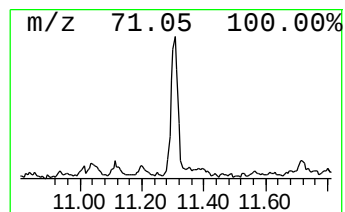
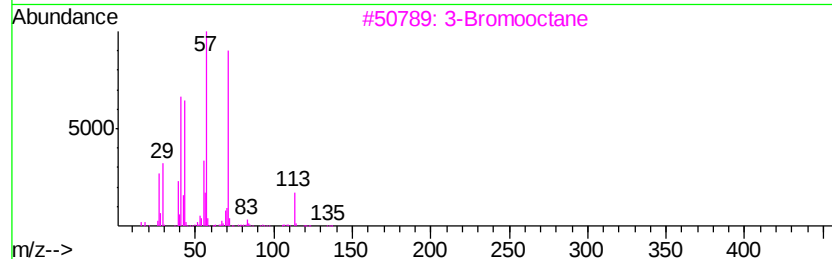
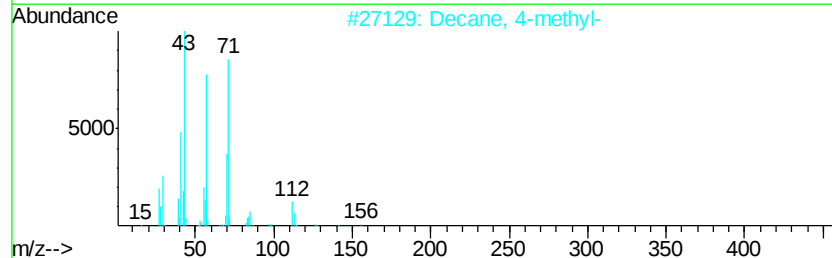
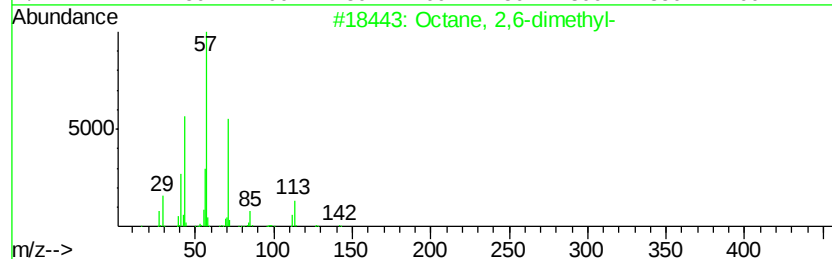
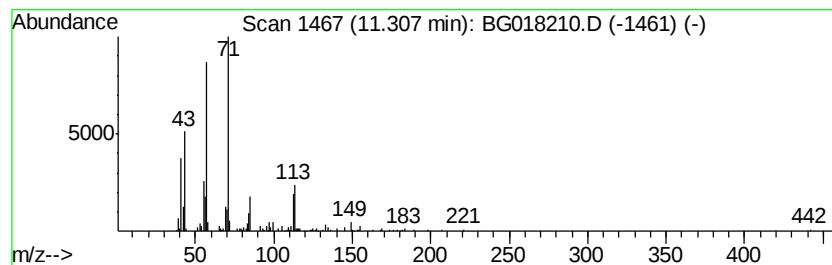
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	6.51 ng/ul	198043	Naphthalene-d8	10.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Decane, 4-methyl-	156	C11H24	002847-72-5	72
3			3-Bromooctane	192	C8H17Br	000999-64-4	59
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5			Tridecane, 7-methyl-	198	C14H30	026730-14-3	55



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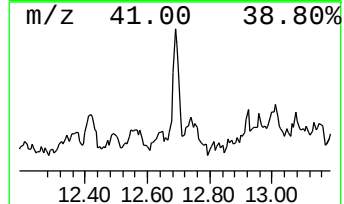
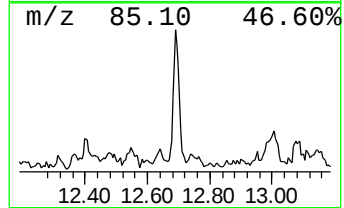
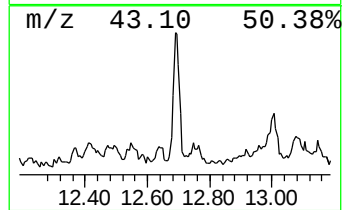
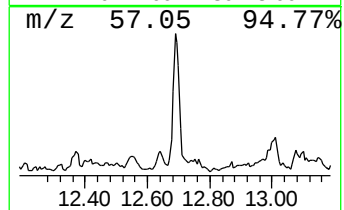
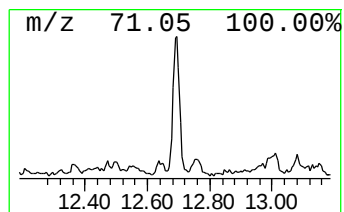
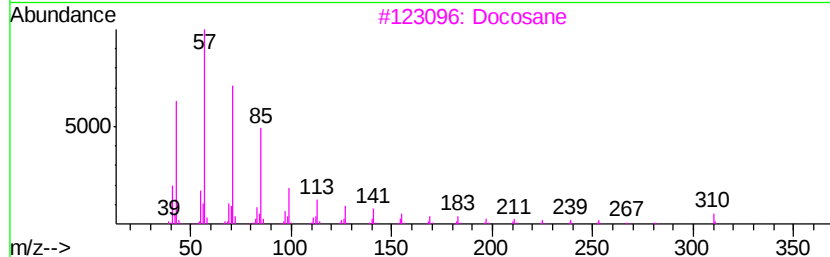
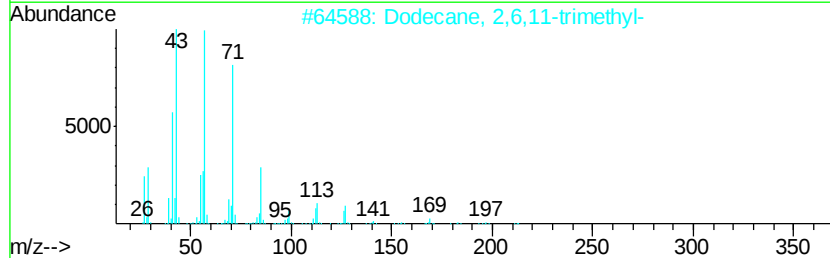
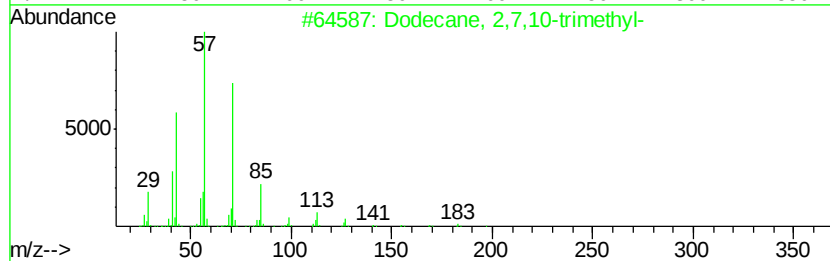
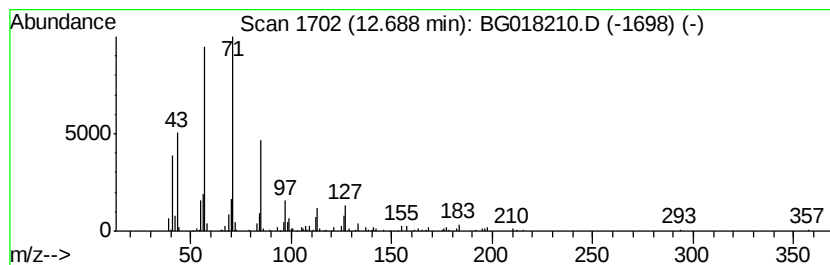
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	4.62 ng/ul	189697	Acenaphthene-d10	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	52
3			Docosane	310	C22H46	000629-97-0	52
4			Undecane, 4-methyl-	170	C12H26	002980-69-0	50
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

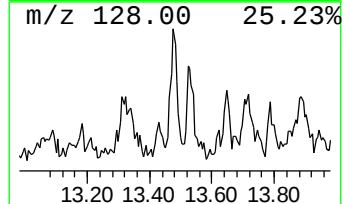
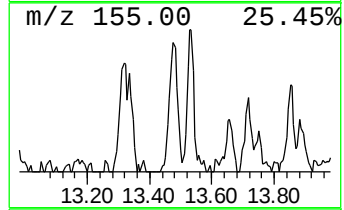
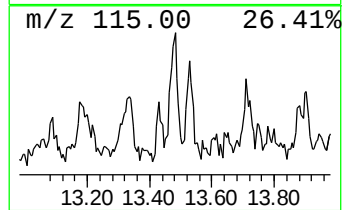
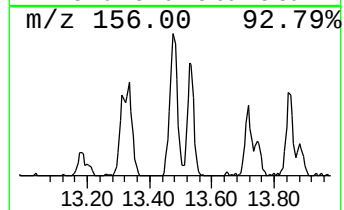
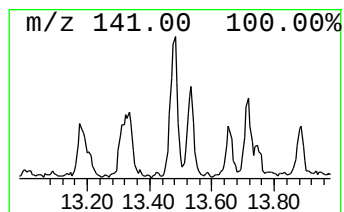
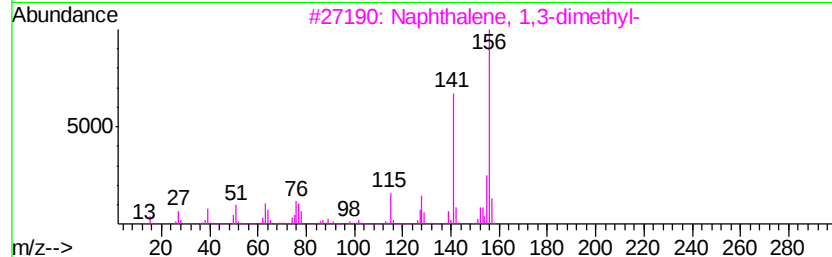
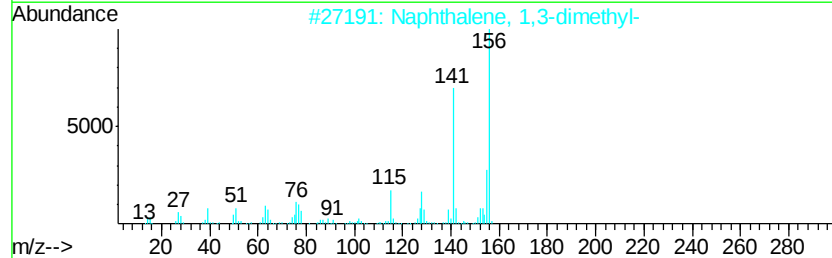
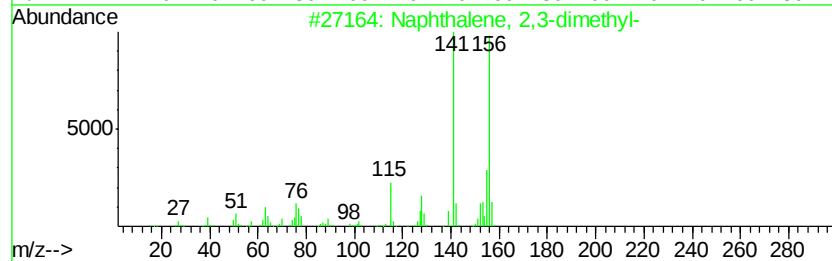
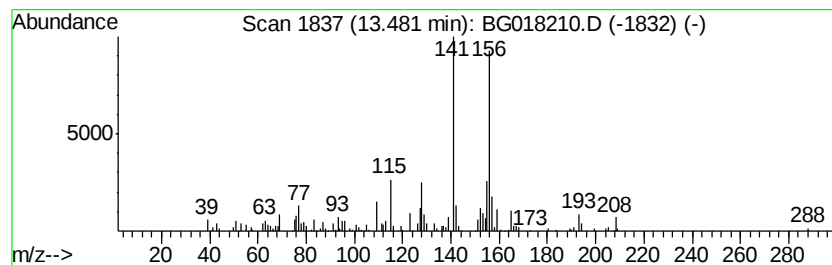
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	2.88 ng/ul	118036	Acenaphthene-d10	14.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 94
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 94
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 93
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z8

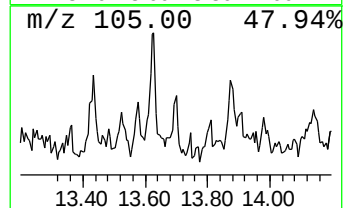
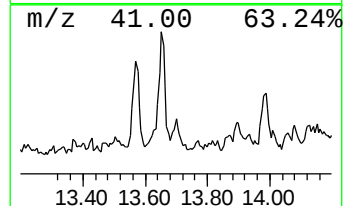
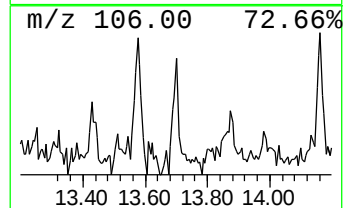
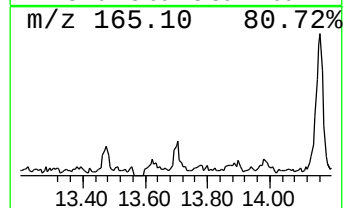
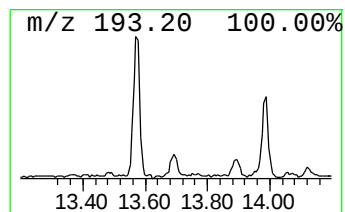
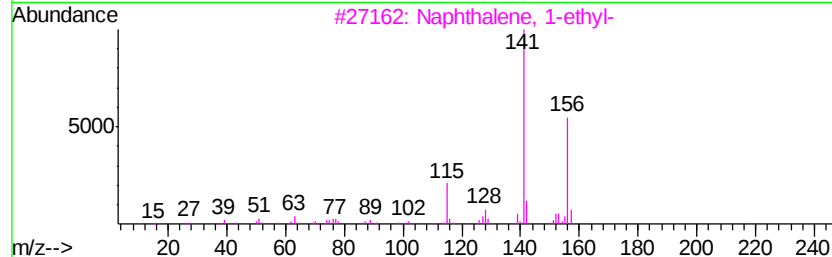
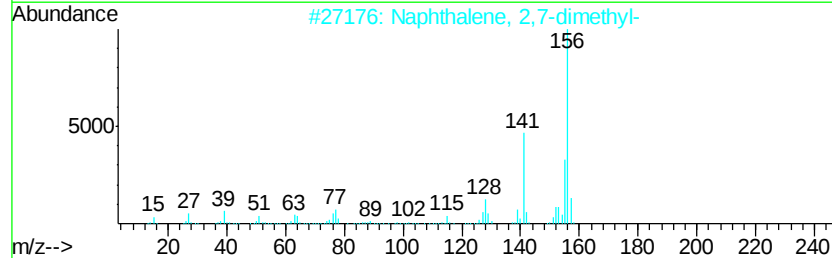
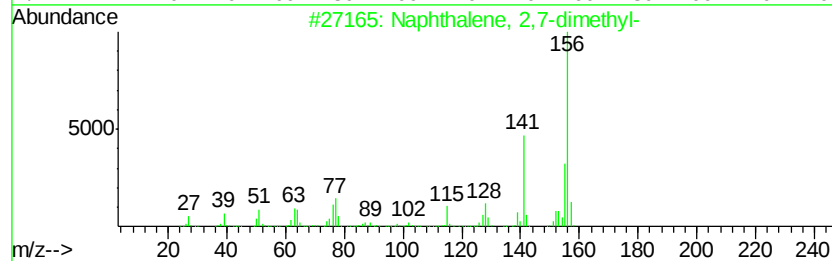
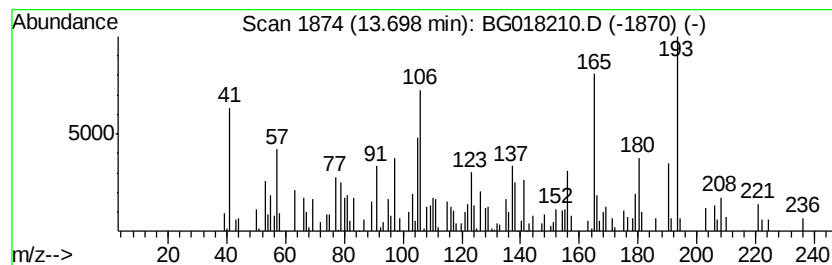
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown-01 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	2.97 ng/ul	121820	Acenaphthene-d10	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	41
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	38
3		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	25
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	25
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
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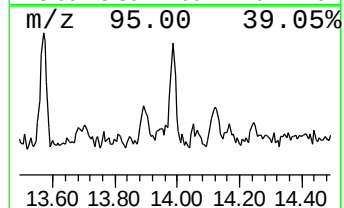
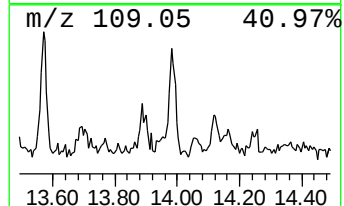
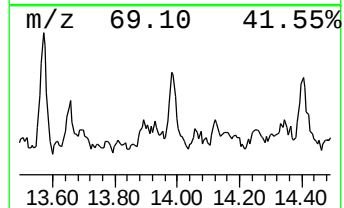
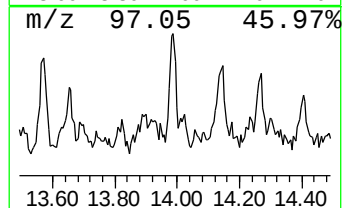
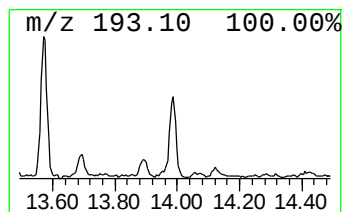
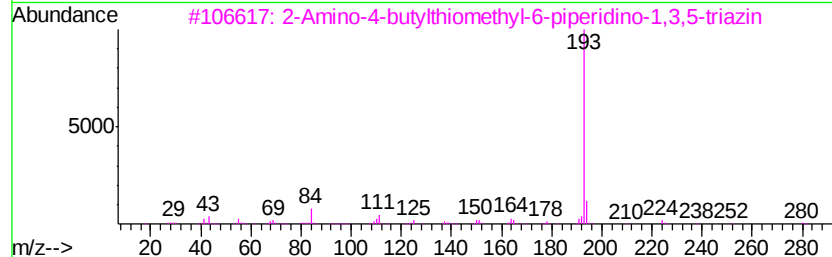
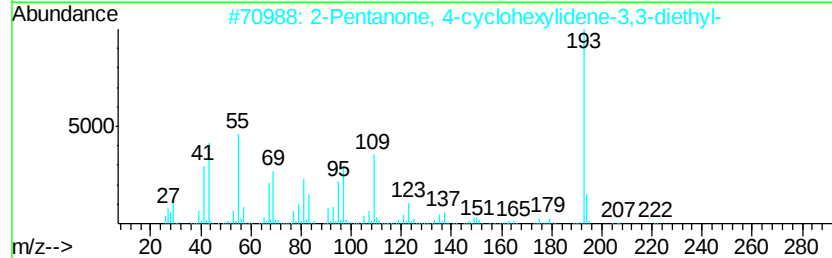
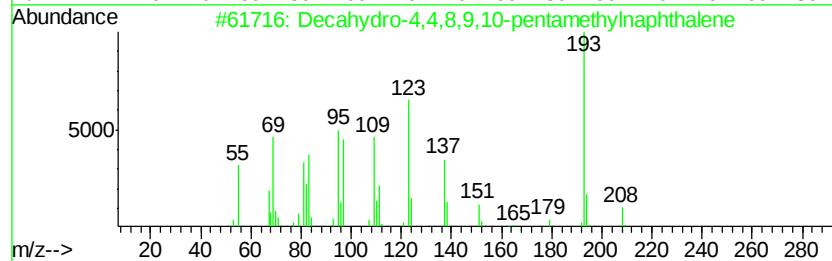
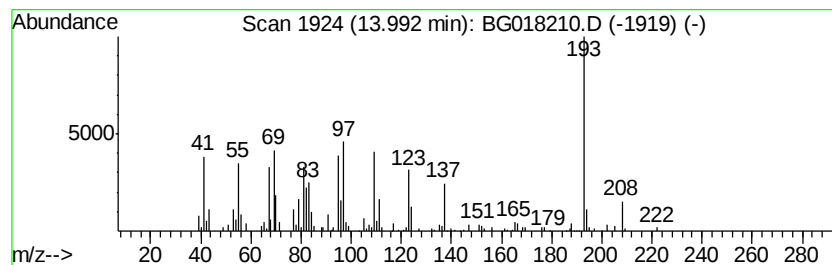
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decahydro-4,4,8,9,10-pentam... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	3.72 ng/ul	152753	Acenaphthene-d10	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	86
2		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	53
3		2-Amino-4-butylthiomethyl-6-pipe...	281	C13H23N5S	022362-21-6	27
4		4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21B02	074630-04-9	25
5		1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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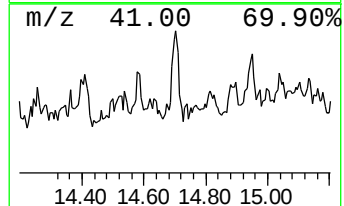
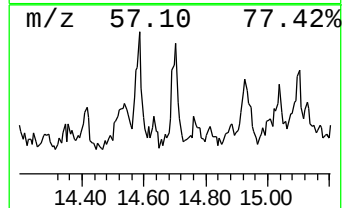
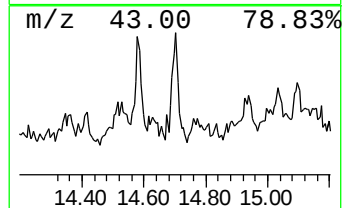
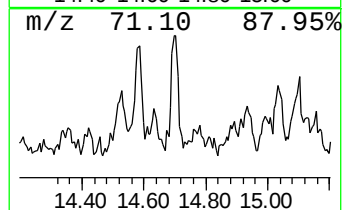
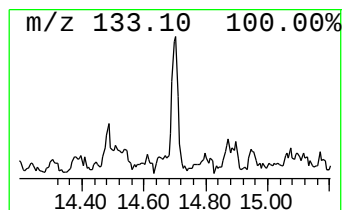
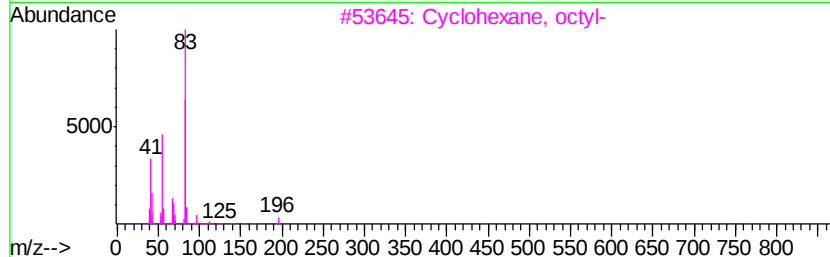
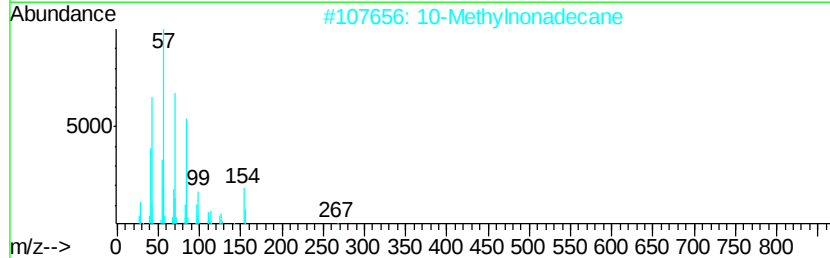
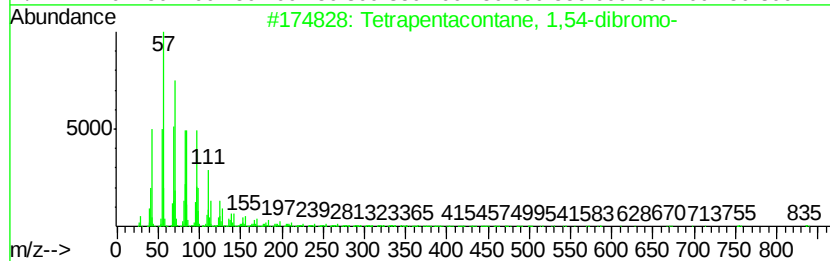
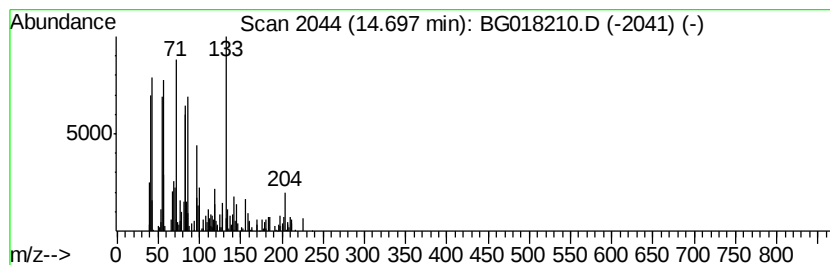
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown-02 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	3.33 ng/ul	136817	Acenaphthene-d10	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	43
2			10-Methylnonadecane	282	C20H42	056862-62-5	25
3			Cyclohexane, octyl-	196	C14H28	001795-15-9	25
4			n-Nonylcyclohexane	210	C15H30	002883-02-5	25
5			Heptacosane	380	C27H56	000593-49-7	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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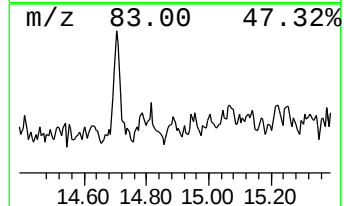
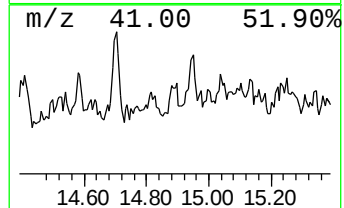
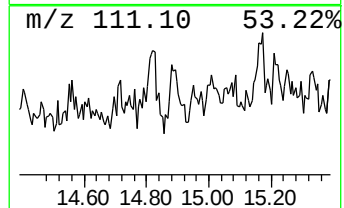
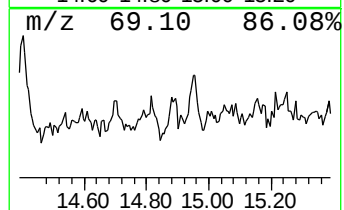
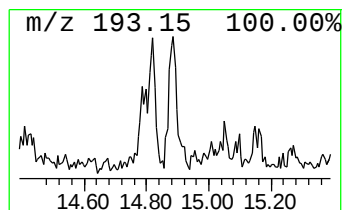
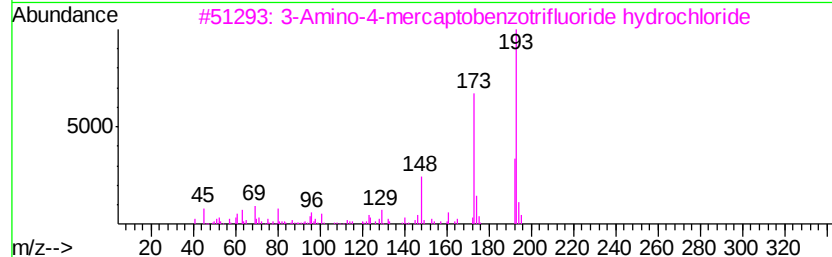
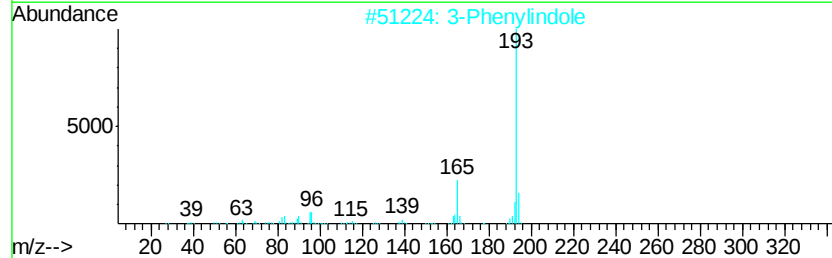
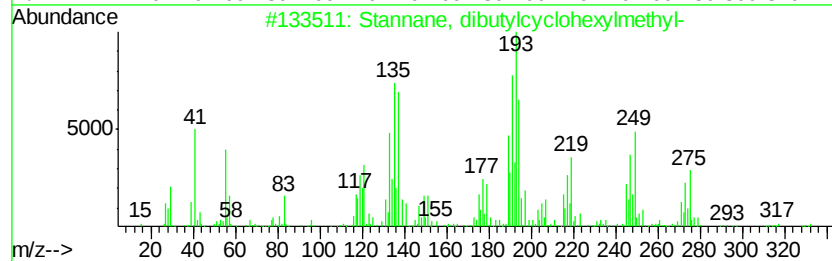
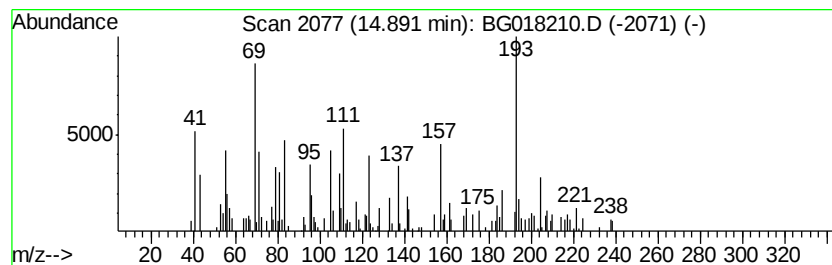
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Stannane, dibutylcyclohexyl... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	2.02 ng/ul	82980	Acenaphthene-d10	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Stannane, dibutylcyclohexylmethyl-	332	C15H32Sn	041728-48-7	90
2			3-Phenylindole	193	C14H11N	001504-16-1	27
3			3-Amino-4-mercaptobenzotrifluori...	193	C7H6F3NS	004274-38-8	25
4			1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	25
5			1H-Indole, 2-phenyl-	193	C14H11N	000948-65-2	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
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Sample : G3065-06
Misc :
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ClientSampleId :
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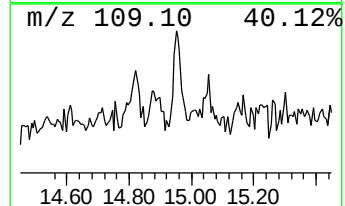
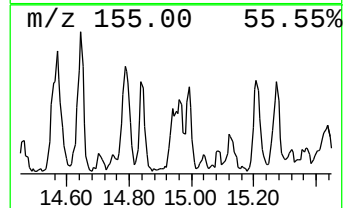
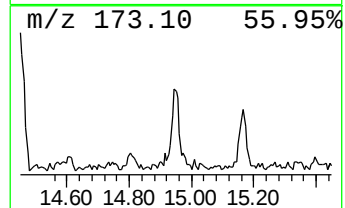
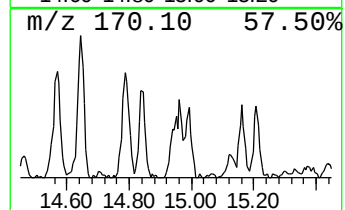
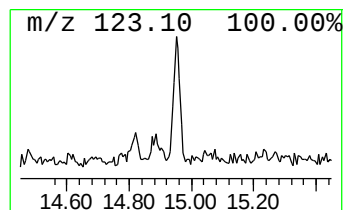
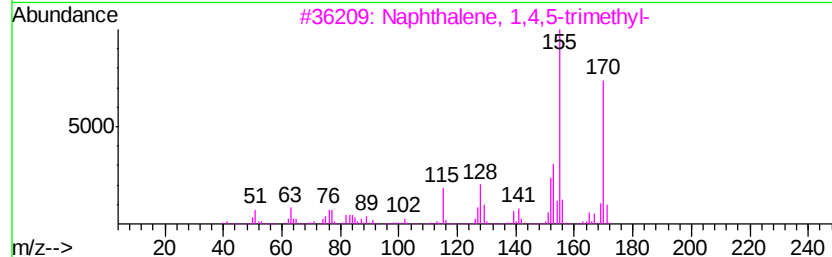
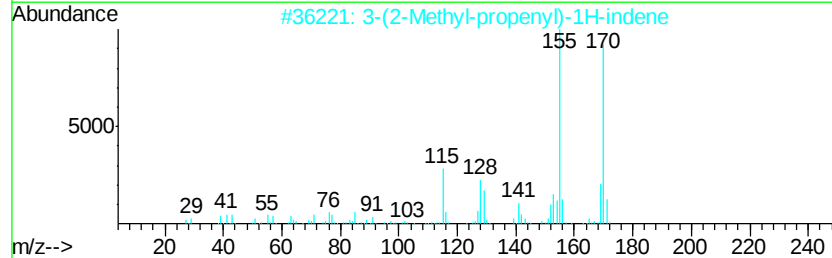
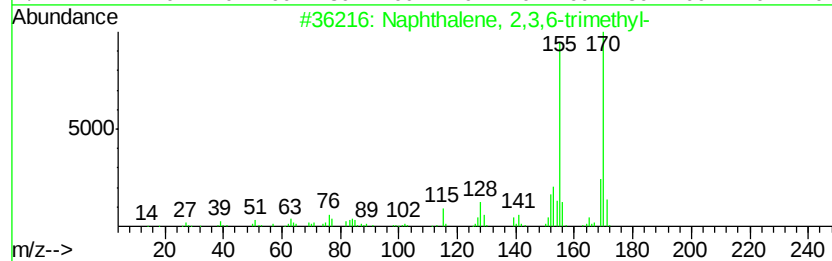
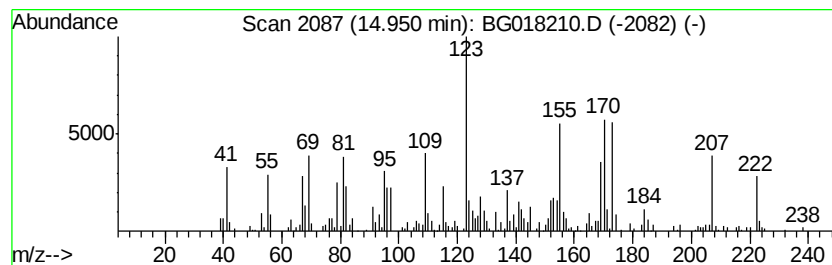
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	4.99 ng/ul	204631	Acenaphthene-d10	14.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	66
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	55
4		1H,3H-Thieno[3,4-c]thiophene, 4,...	170	C8H10S2	015441-54-0	35
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	35



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
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ClientSampleId :
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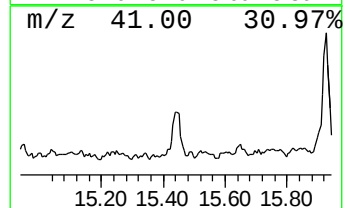
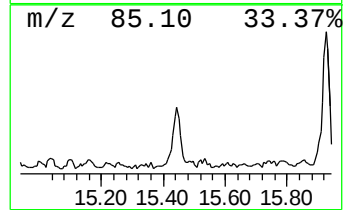
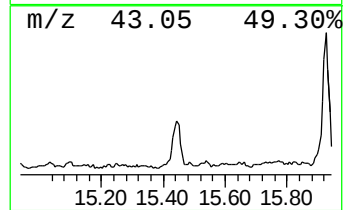
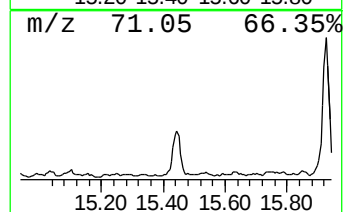
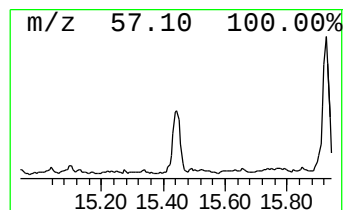
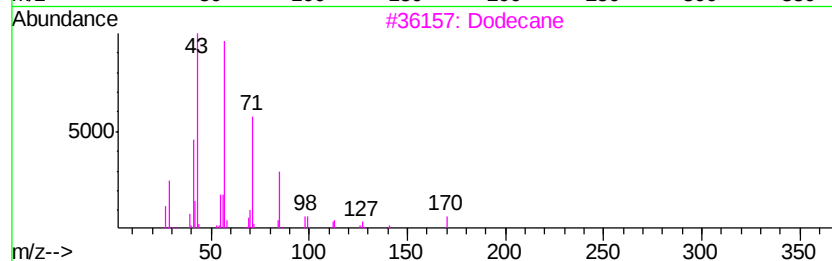
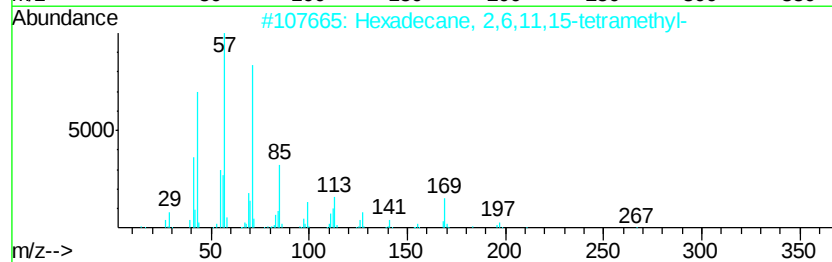
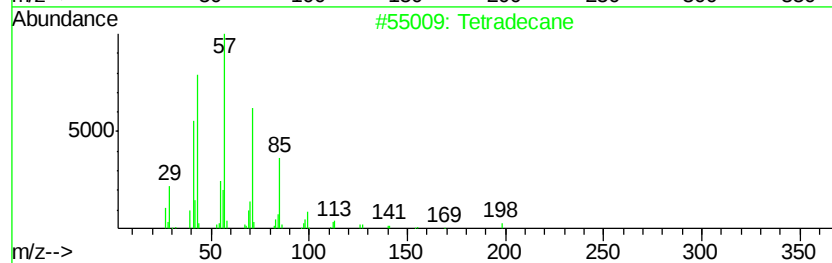
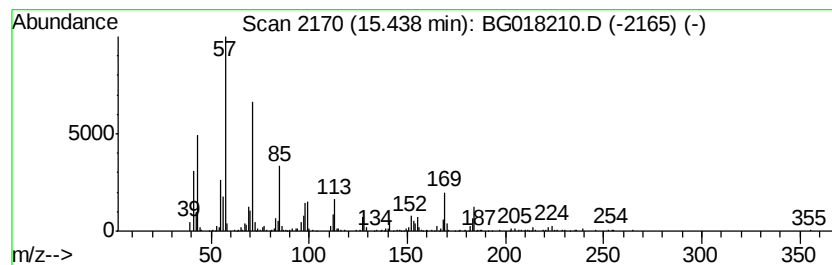
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	8.73 ng/ul	358312	Acenaphthene-d10	14.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	78
2			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
3			Dodecane	170	C12H26	000112-40-3	70
4			Tridecane	184	C13H28	000629-50-5	64
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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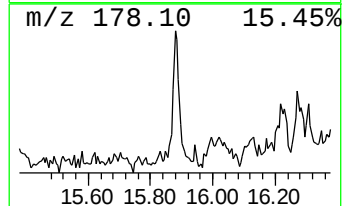
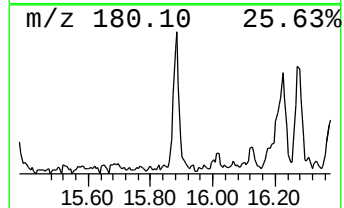
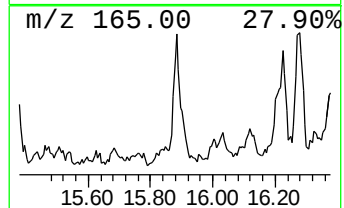
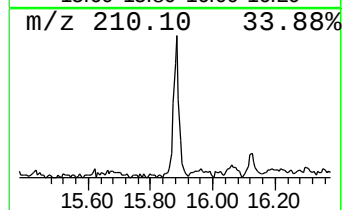
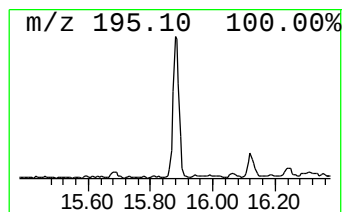
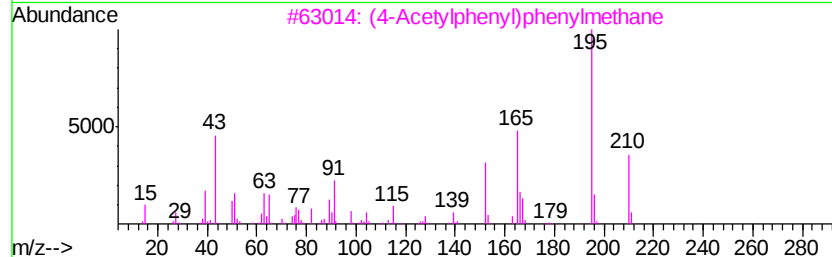
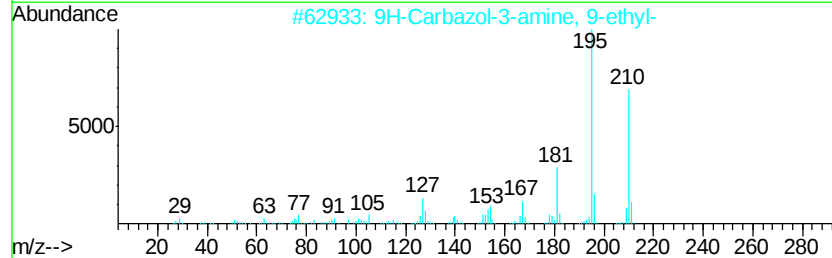
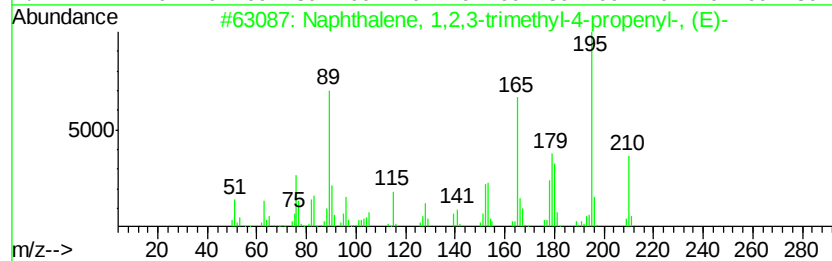
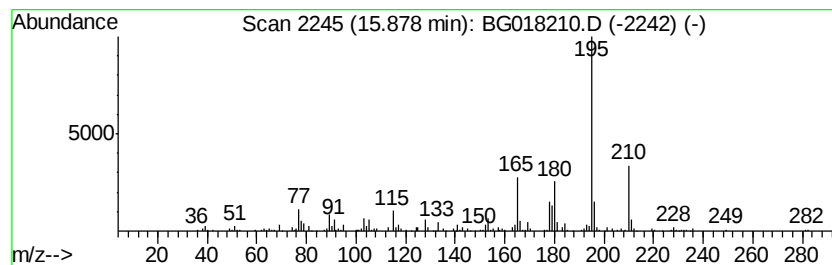
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Naphthalene, 1,2,3-trimethy... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.88	4.65 ng/ul	148201	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	74
2		9H-Carbazol-3-amine, 9-ethyl-	210	C14H14N2	000132-32-1	58
3		(4-Acetylphenyl)phenylmethane	210	C15H14O	000782-92-3	53
4		9-Anthracenamine, 9,10-dihydro-	195	C14H13N	097825-91-7	49
5		2-(p-Tolylmethyl)-p-xylene	210	C16H18	000721-45-9	49



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
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Sample : G3065-06
Misc :
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ClientSampleId :
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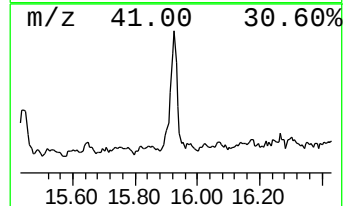
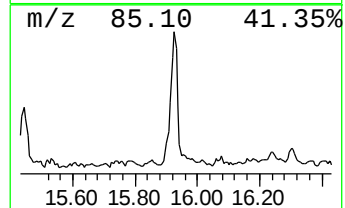
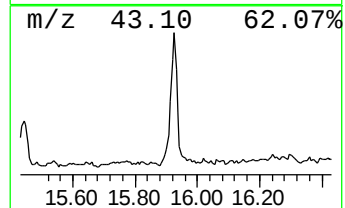
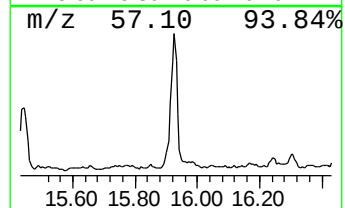
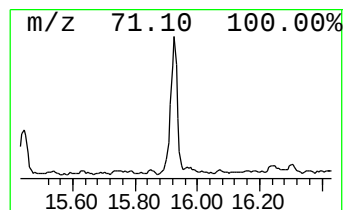
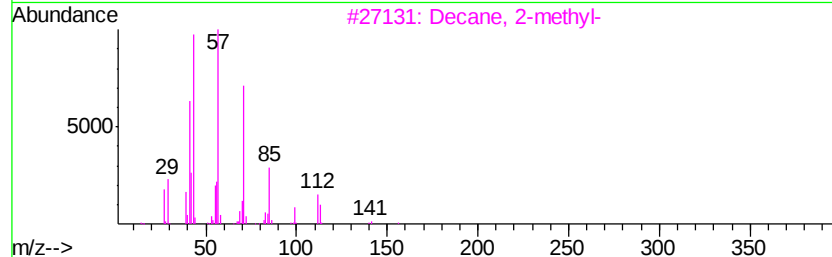
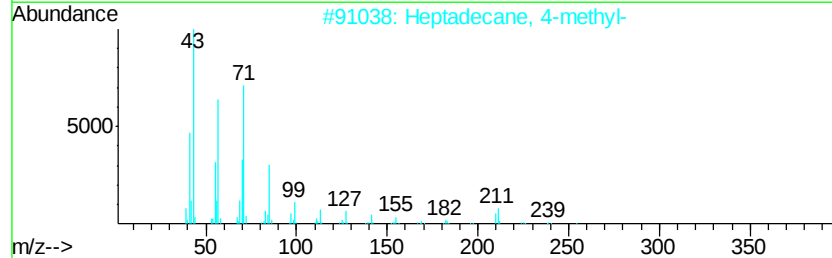
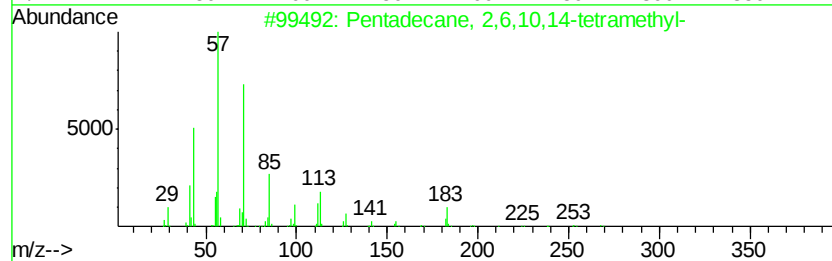
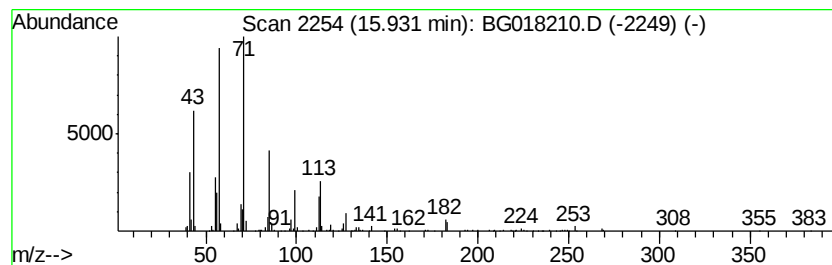
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	20.27 ng/ul	646022	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2		Heptadecane, 4-methyl-	254	C18H38	026429-11-8	74
3		Decane, 2-methyl-	156	C11H24	006975-98-0	74
4		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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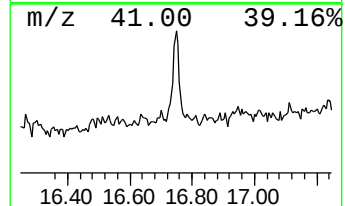
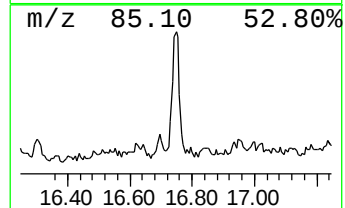
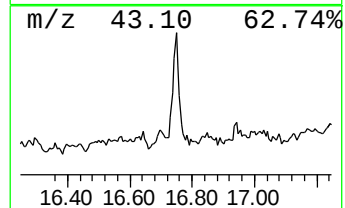
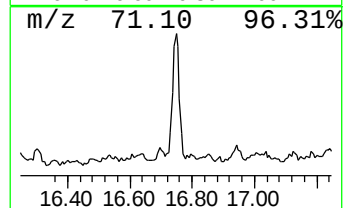
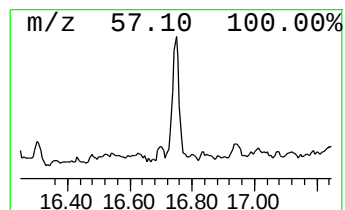
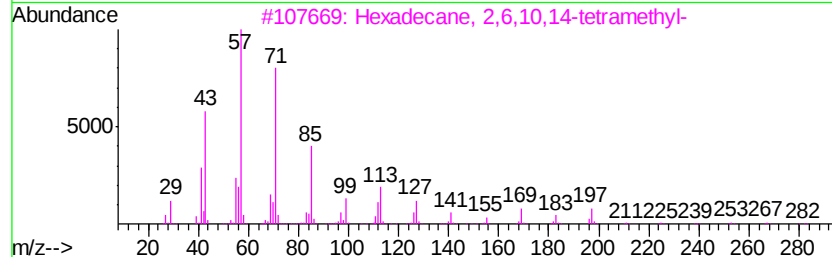
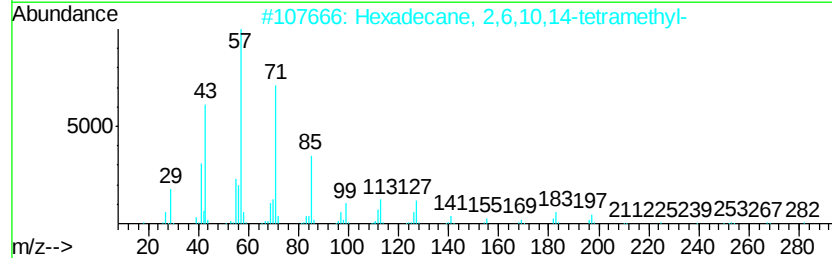
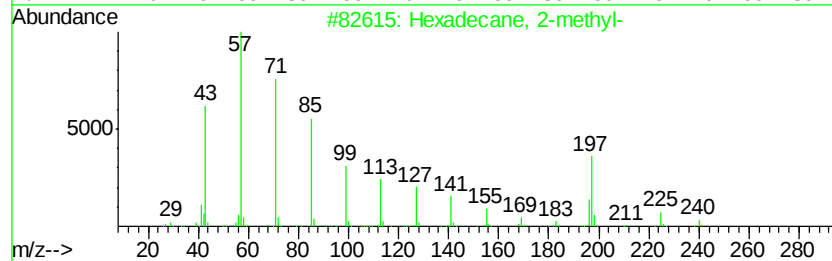
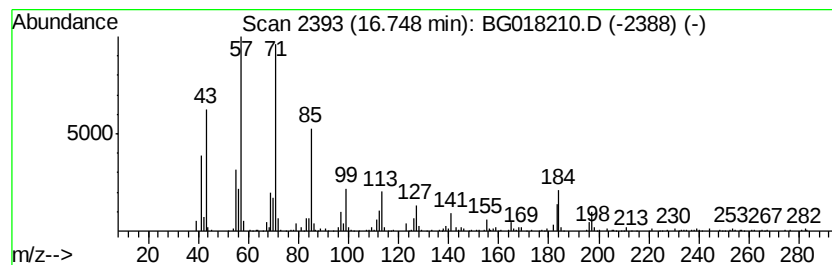
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	13.88 ng/ul	442410	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2-methyl-	240	C17H36	001560-92-5	95
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4			Hexadecane, 4-methyl-	240	C17H36	025117-26-4	86
5			Eicosane	282	C20H42	000112-95-8	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
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Instrument :
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ClientSampleId :
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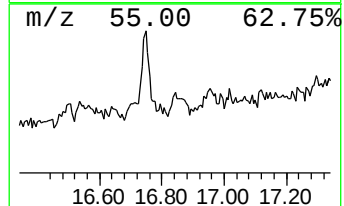
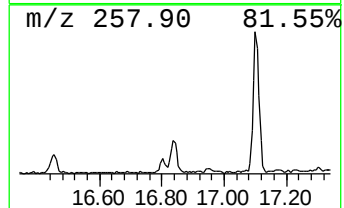
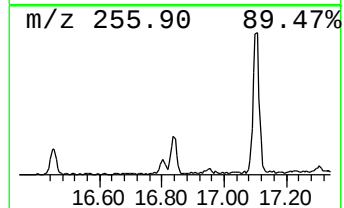
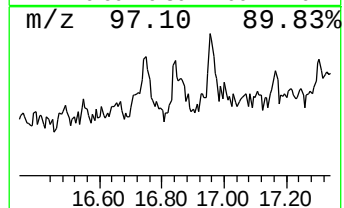
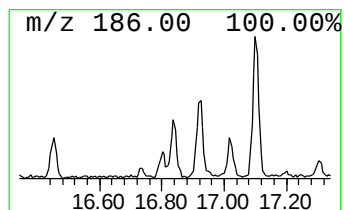
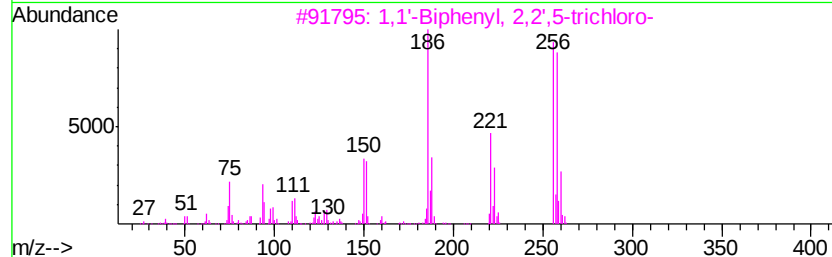
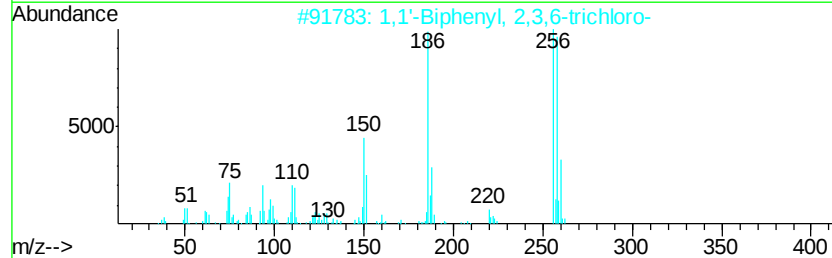
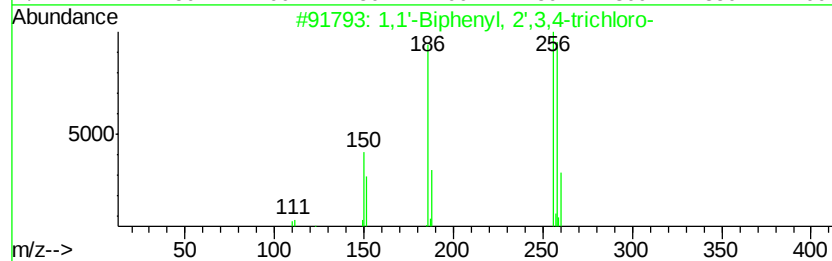
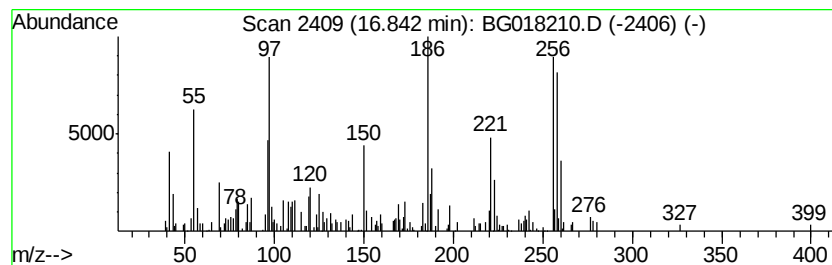
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1,1'-Biphenyl, 2',3,4-trich... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.84	2.10 ng/ul	67018	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	90
2			1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	78
3			1,1'-Biphenyl, 2,2',5-trichloro-	256	C12H7Cl3	037680-65-2	76
4			1,1'-Biphenyl, 2,3,4'-Trichloro-	256	C12H7Cl3	038444-85-8	68
5			1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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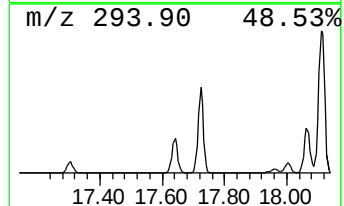
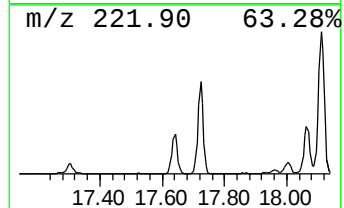
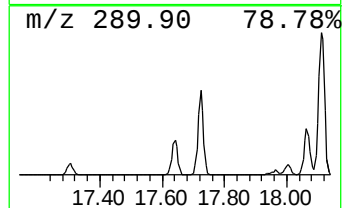
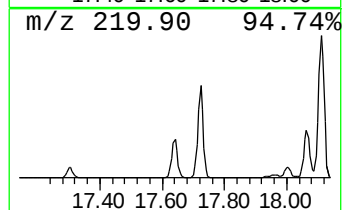
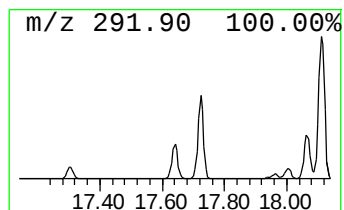
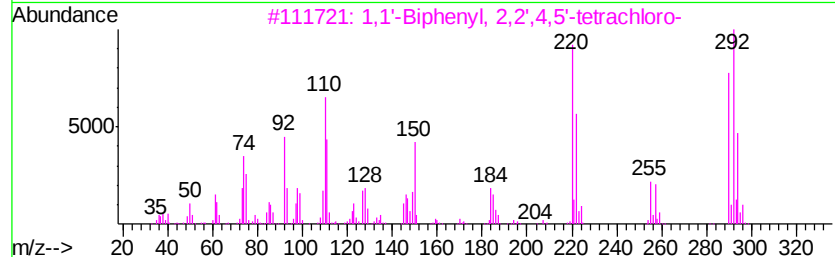
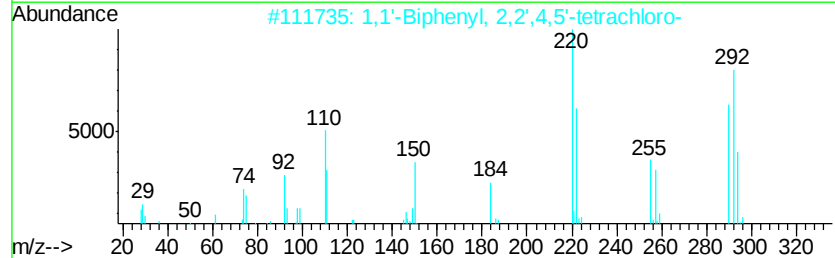
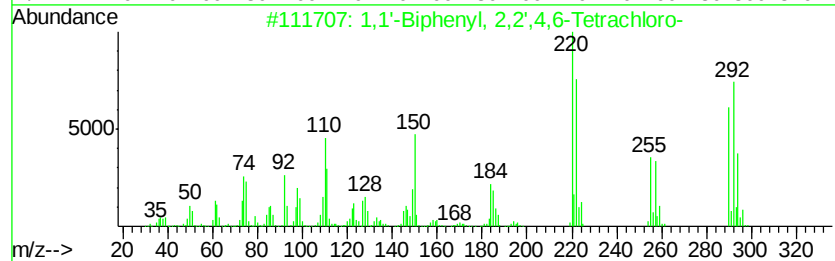
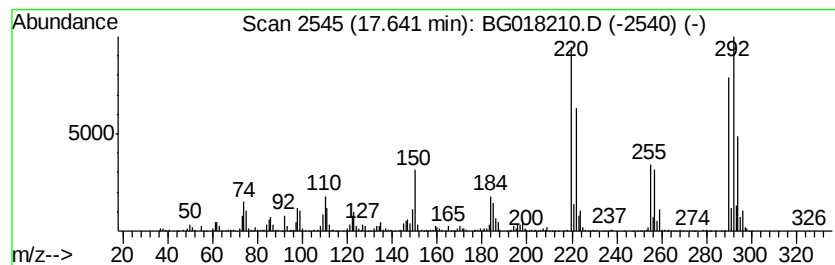
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 1,1'-Biphenyl, 2,2',4,6-Tet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.64	45.95 ng/ul	1464680	Phenanthrene-d10	16.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99		
2	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		
3	1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99		
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99		
5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
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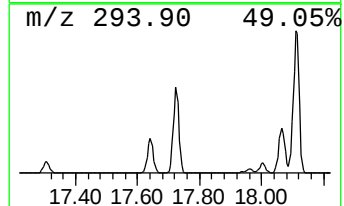
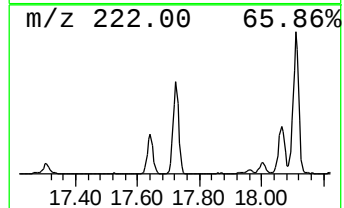
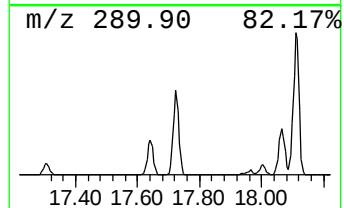
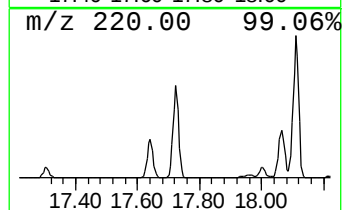
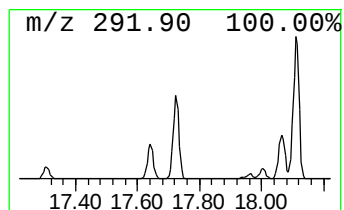
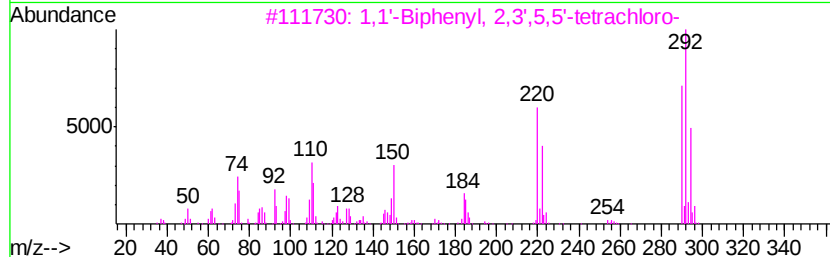
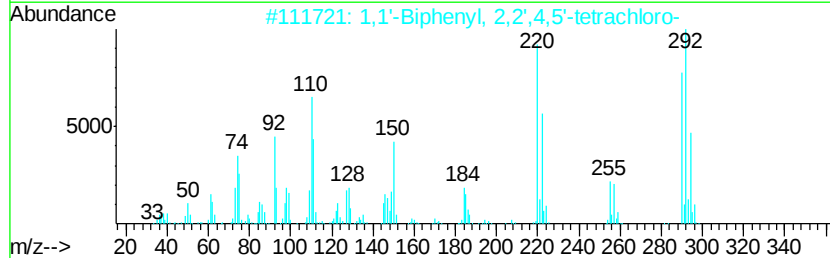
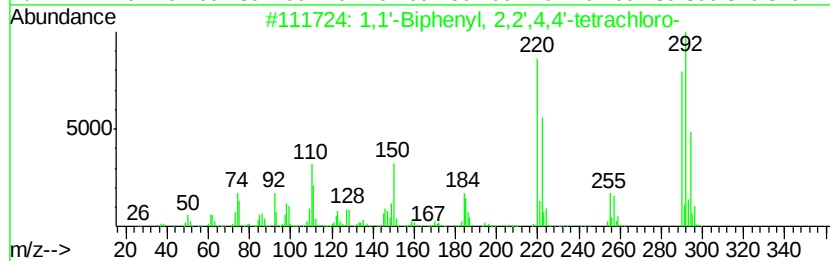
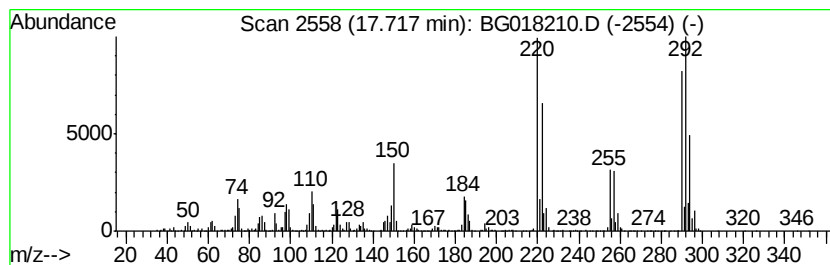
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.72	100.41 ng/ul	3200430	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2	1,1'-Biphenyl,	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99
3	1,1'-Biphenyl,	2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4	1,1'-Biphenyl,	2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5	1,1'-Biphenyl,	3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
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Sample : G3065-06
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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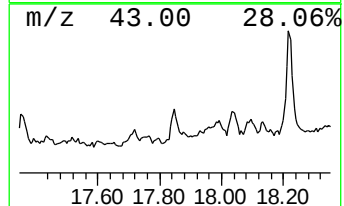
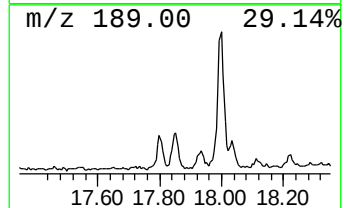
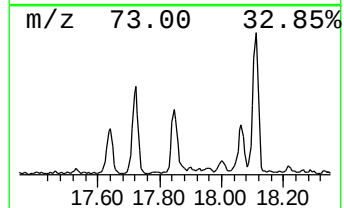
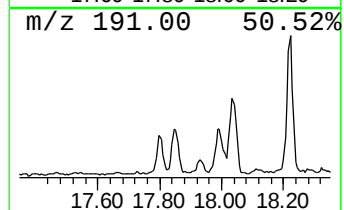
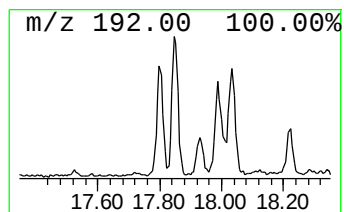
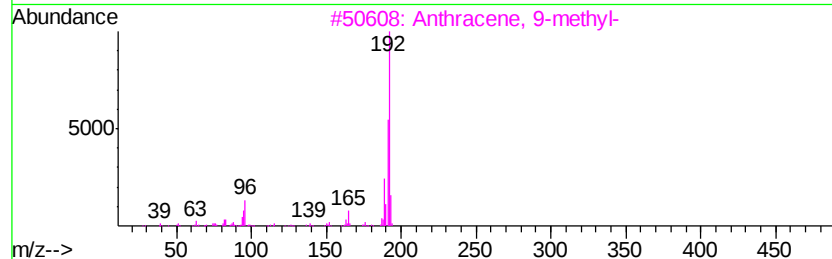
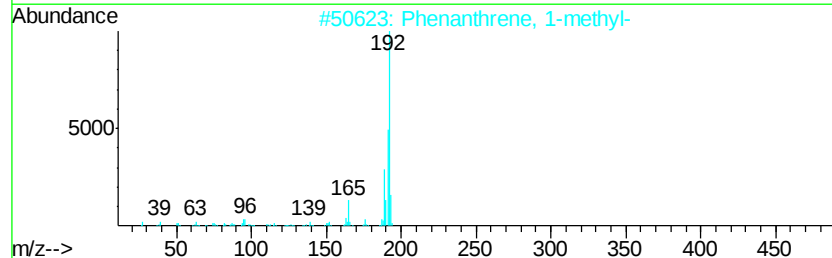
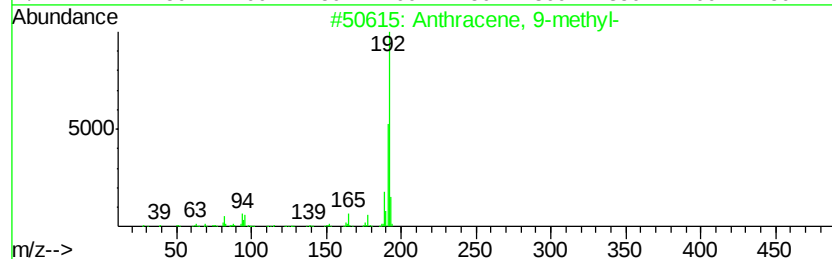
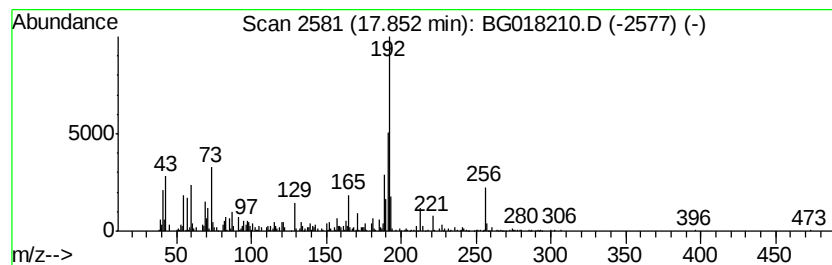
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Anthracene, 9-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.85	15.57 ng/ul	496397	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	78
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	78
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

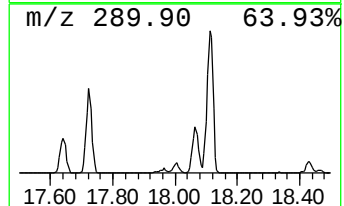
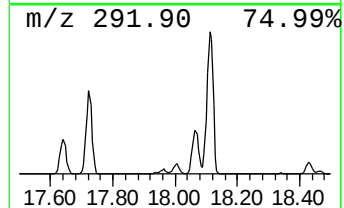
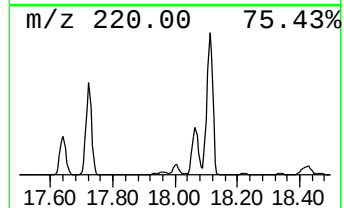
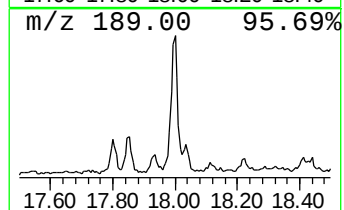
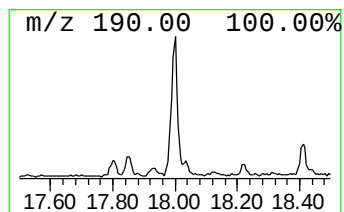
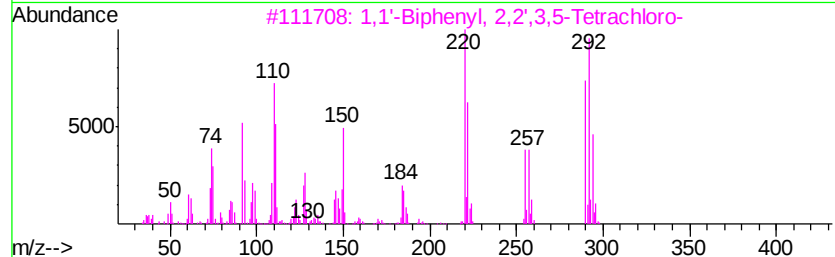
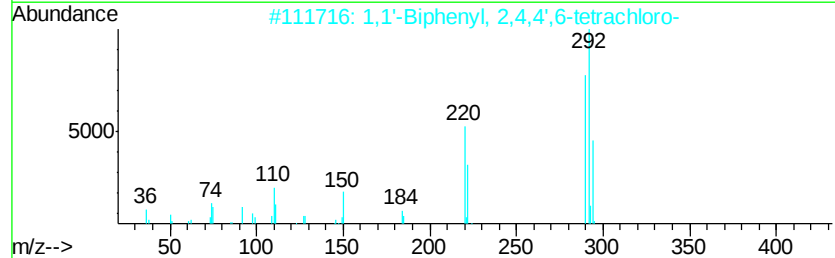
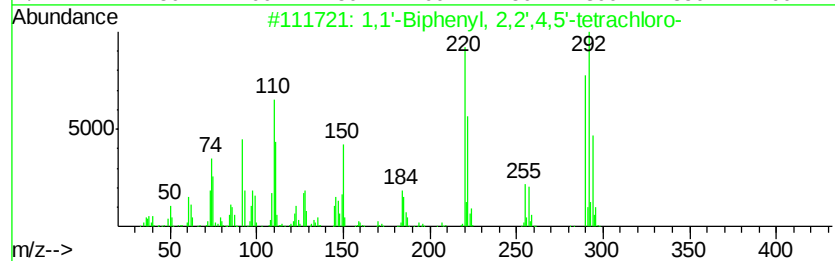
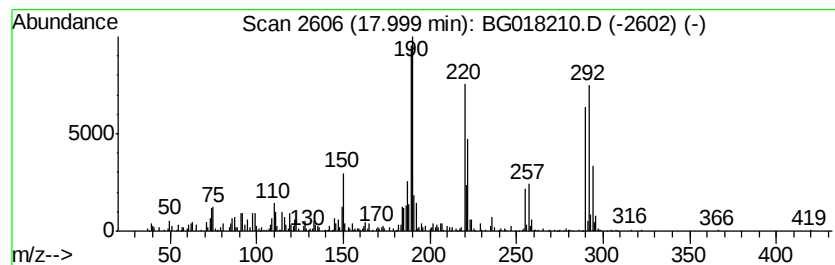
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1,1'-Biphenyl, 2,2',4,5'-te... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	17.70 ng/ul	564120	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	95
2	1,1'-Biphenyl,	2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	93
3	1,1'-Biphenyl,	2,2',3,5-Tetrachl...	290	C12H6Cl4	070362-46-8	91
4	1,1'-Biphenyl,	2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	91
5	1,1'-Biphenyl,	3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
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Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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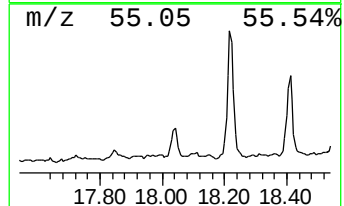
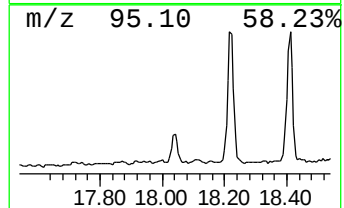
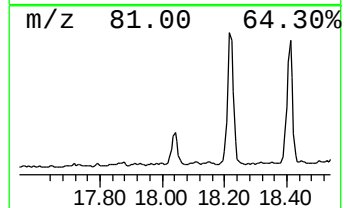
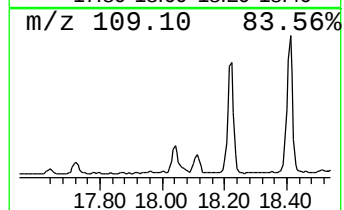
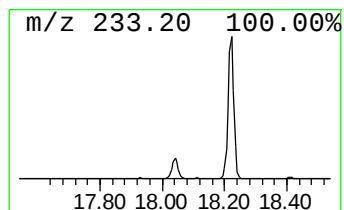
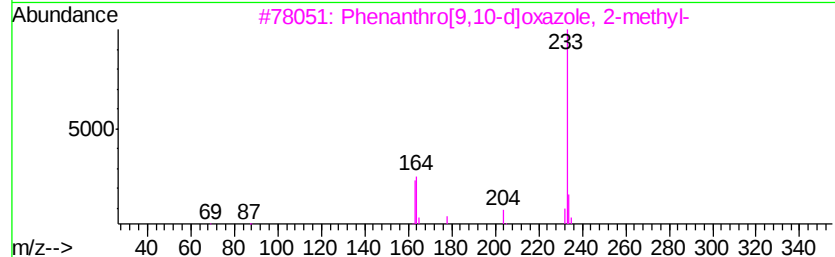
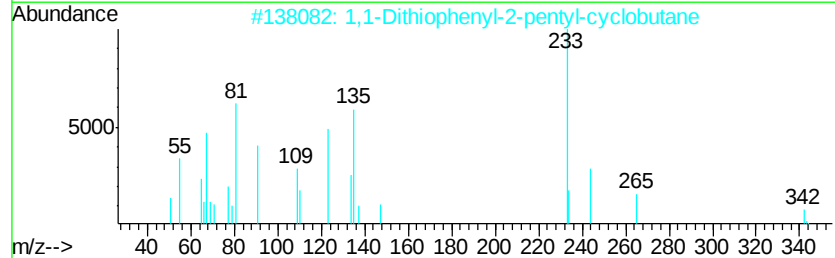
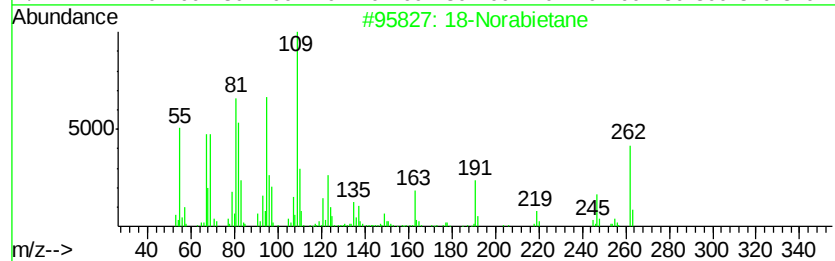
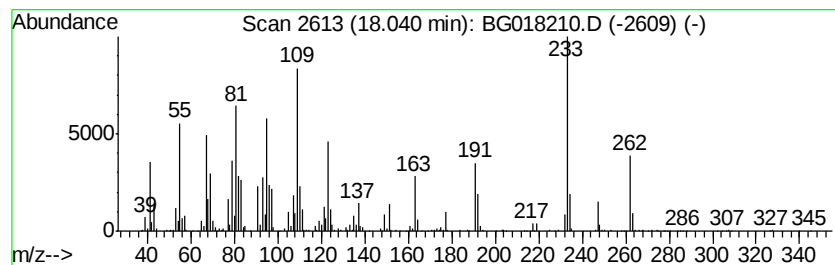
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 18-Norabietane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	28.64 ng/ul	912763	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	50
2		1,1-Dithiophenyl-2-pentyl-cyclob...	342	C21H26S2	122732-88-1	16
3		Phenanthro[9,10-d]oxazole, 2-met...	233	C16H11N0	021639-88-3	14
4		1,10-Dimethyl-2-methylene-trans-...	178	C13H22	1000103-97-8	12
5		9-Oxabicyclo[6.1.0]non-6-en-2-one	138	C8H10O2	1000211-01-6	11



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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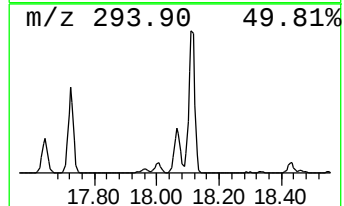
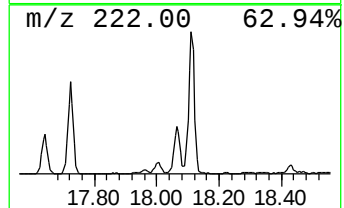
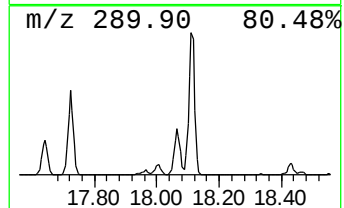
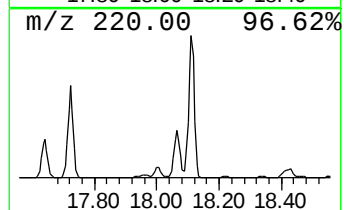
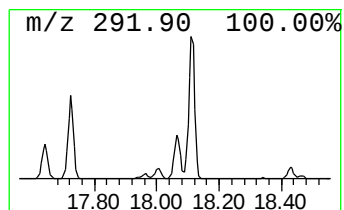
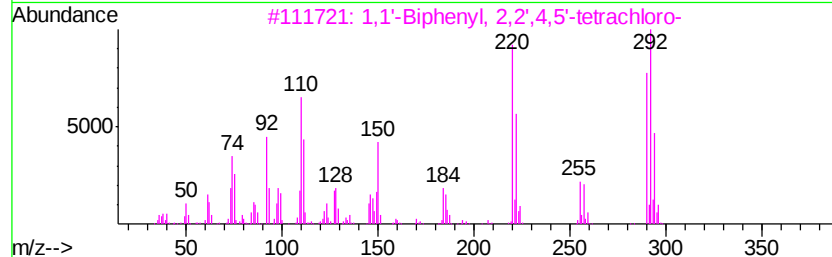
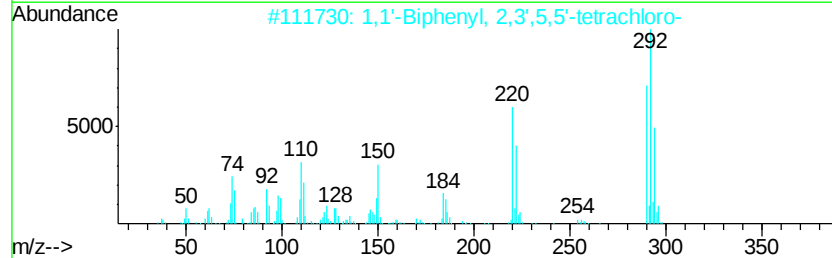
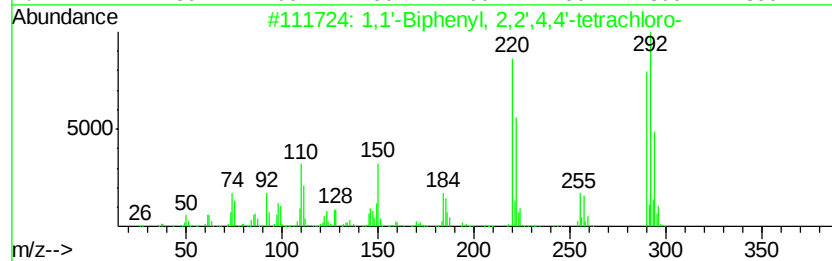
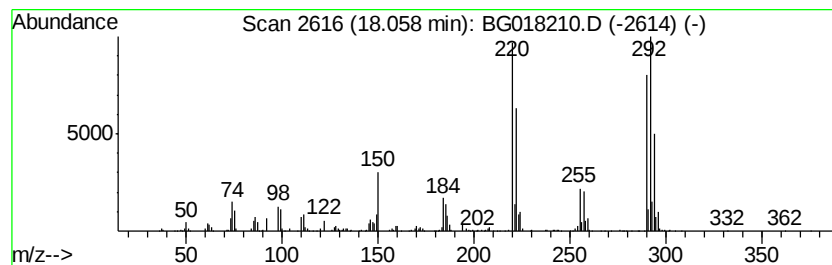
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 1,1'-Biphenyl, 2,3',5,5'-te... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	52.12 ng/ul	1661250	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
2		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	98
3		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	96
4		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	95
5		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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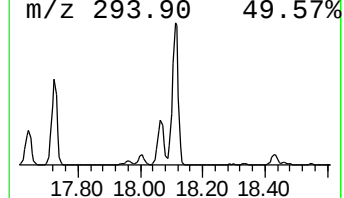
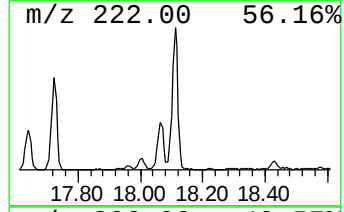
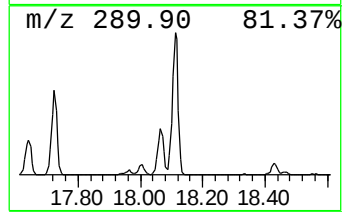
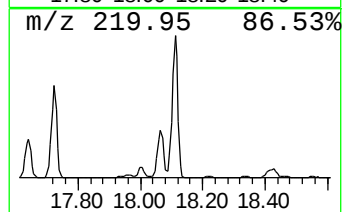
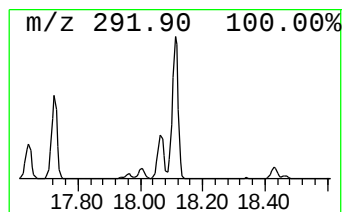
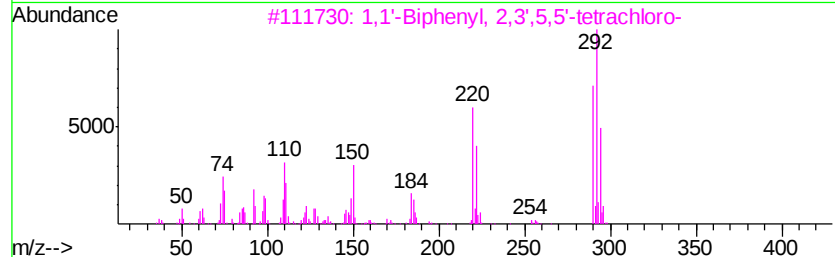
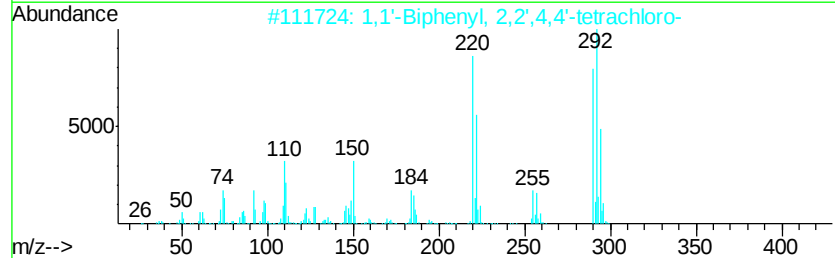
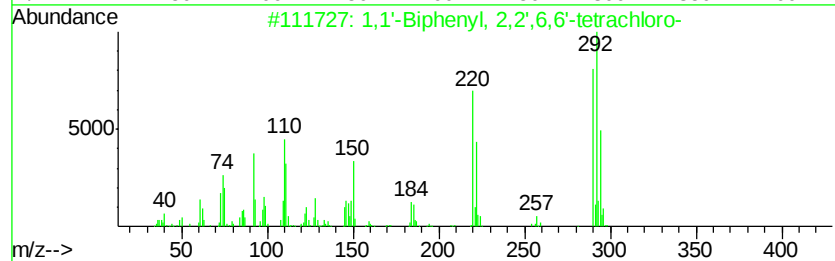
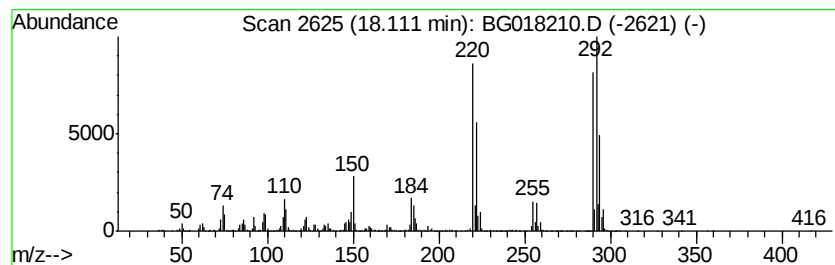
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	158.79 ng/ul	5061310	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
2		1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
3		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4		1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	97



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
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Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
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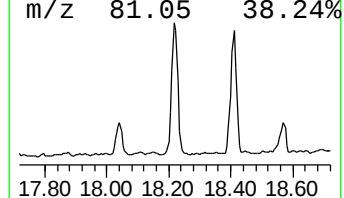
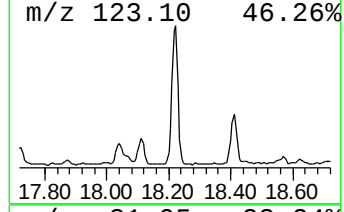
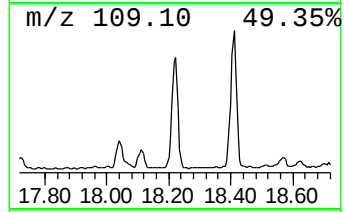
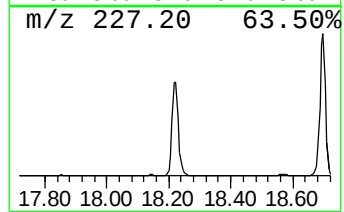
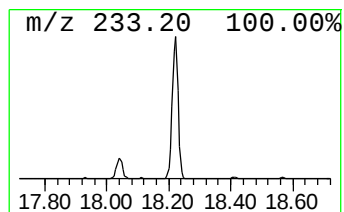
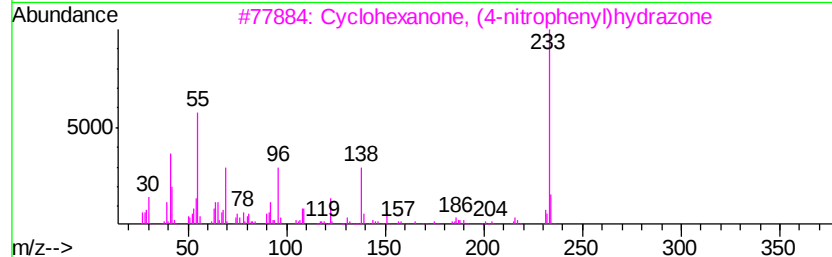
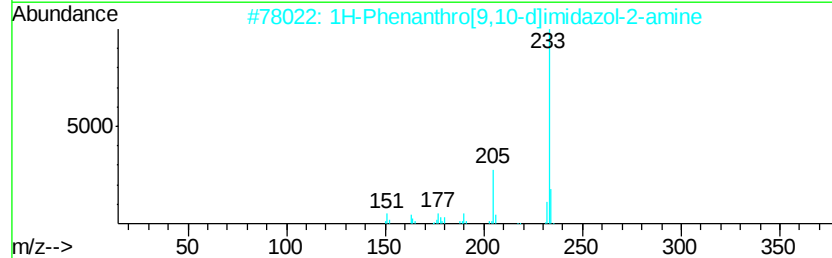
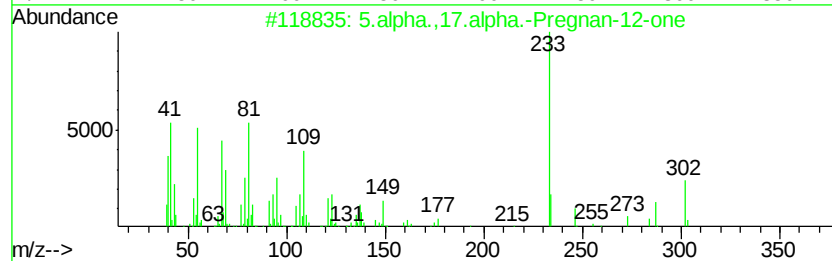
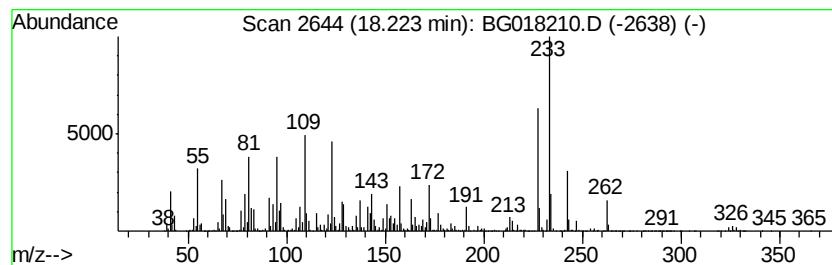
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.22	219.21 ng/ul	6987170	Phenanthrene-d10	16.92		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5.alpha.,17.alpha.-Pregnan-12-one	302	C21H34O		005618-24-6	37
2	1H-Phenanthro[9,10-d]imidazol-2-...	233	C15H11N3		037052-13-4	35
3	Cyclohexanone, (4-nitrophenyl)hy...	233	C12H15N3O2		001919-96-6	18
4	Furan-2-carboxaldehyde, 5-(3-nit...	233	C11H7NO5		073420-62-9	18
5	Phenol, 2,6-bis(1,1-dimethylethy...	262	C18H30O		017540-75-9	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
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ClientSampleId :
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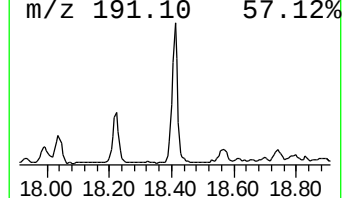
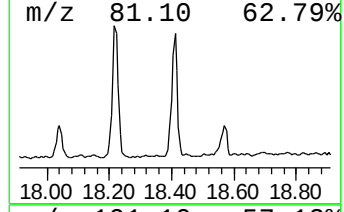
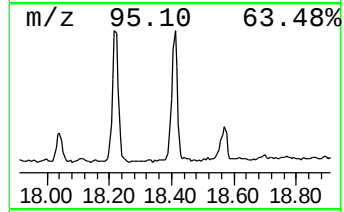
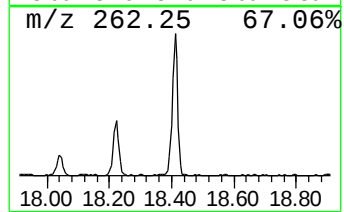
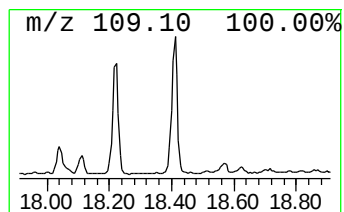
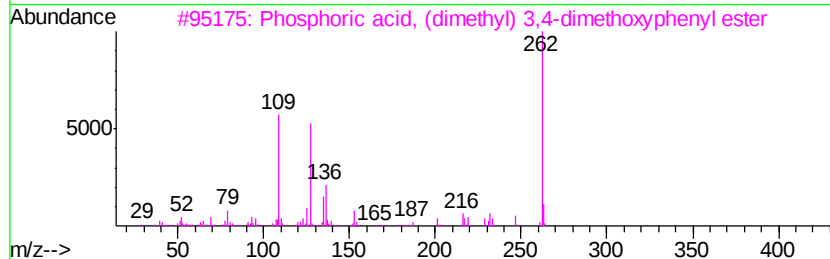
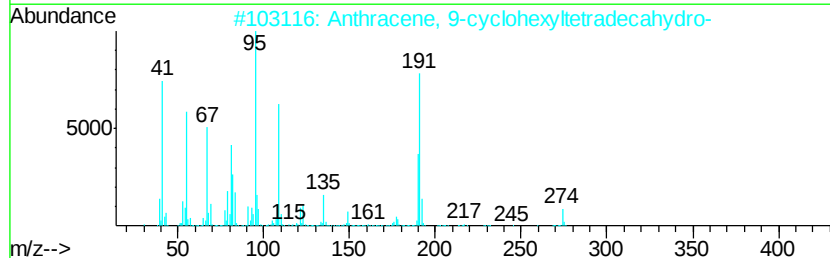
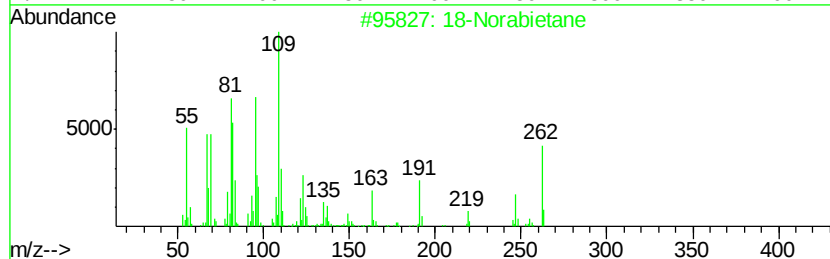
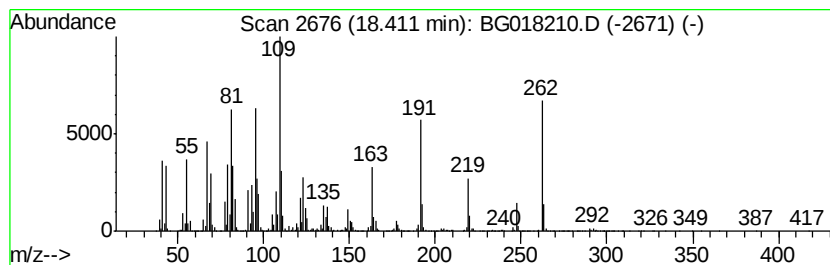
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	136.54 ng/ul	4352130	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	18-Norabietane	262	C19H34	1000293-16-6	94
2		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
3		Phosphoric acid, (dimethyl) 3,4-...	262	C10H15O6P	094420-74-3	35
4		Pyrazol-3-amine, 1-(4-fluorobenz...	191	C10H10FN3	1000272-83-2	27
5		Fenthion O-analog	262	C10H15O4PS	006552-12-1	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z8

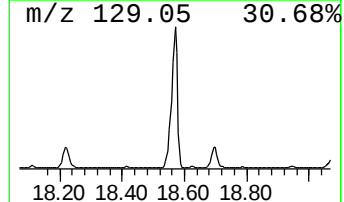
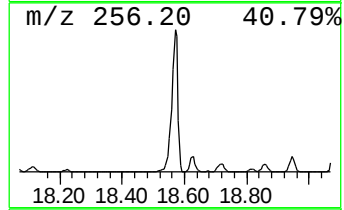
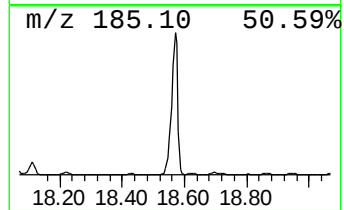
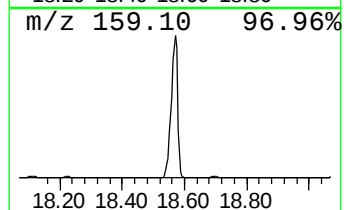
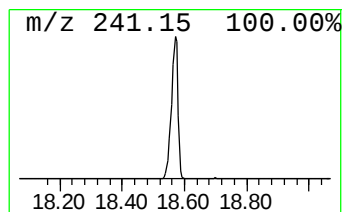
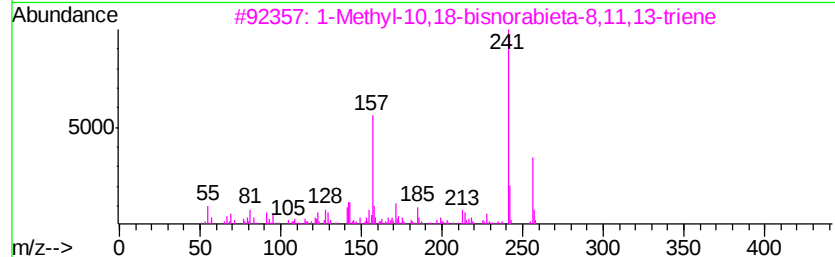
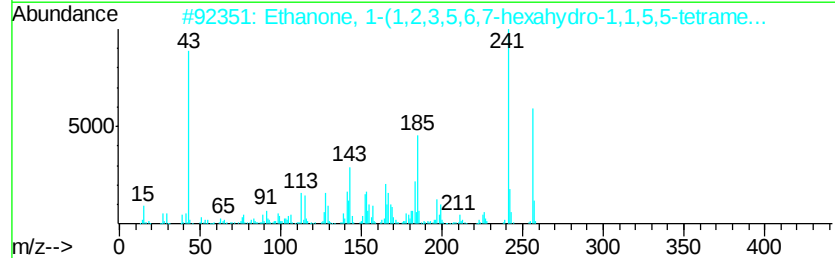
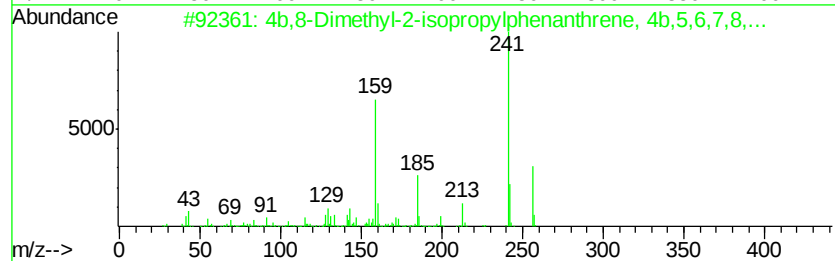
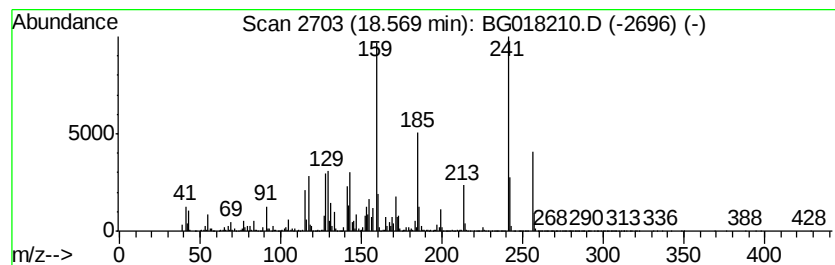
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 4b,8-Dimethyl-2-isopropylph... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.57	581.62 ng/ul	18538800	Phenanthrene-d10	16.92

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	90	
2	Ethanone, 1-(1,2,3,5,6,7-hexahyd...	256	C18H24O	056298-80-7	38	
3	1-Methyl-10,18-bisnorabieta-8,11...	256	C19H28	1000293-16-9	38	
4	3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15NO2	1000212-95-2	35	
5	Naphthalene, 6-ethyl-1,2,3,4-tet...	256	C19H28	301643-35-6	35	



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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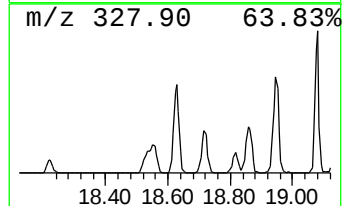
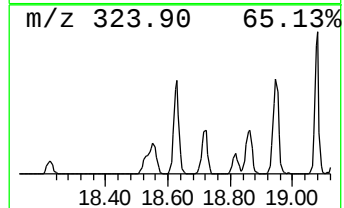
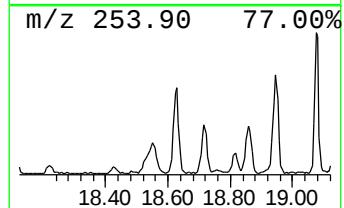
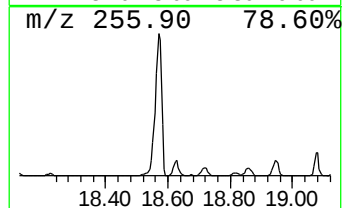
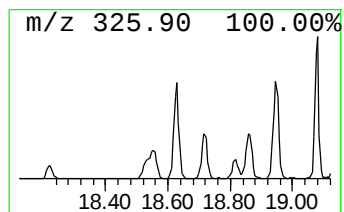
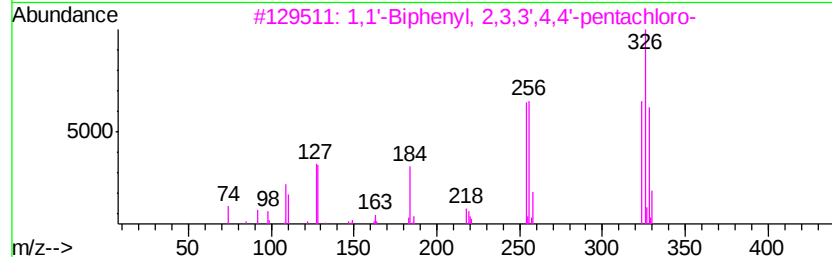
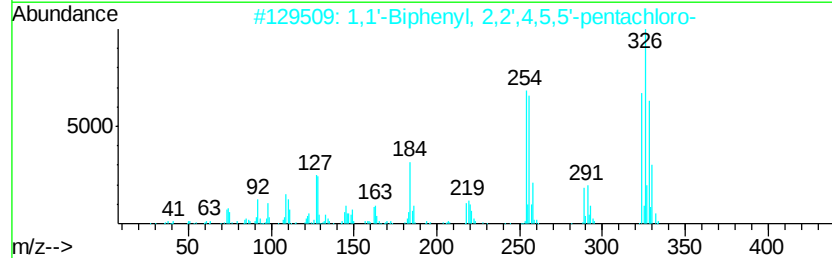
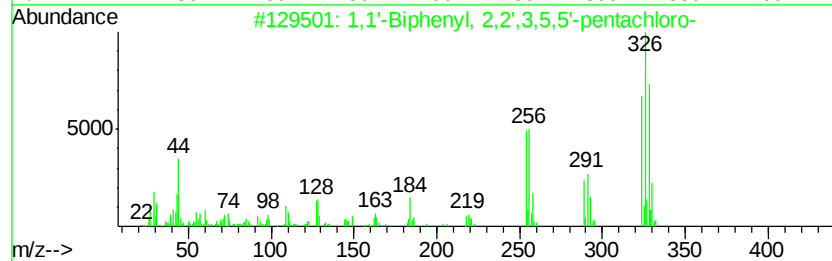
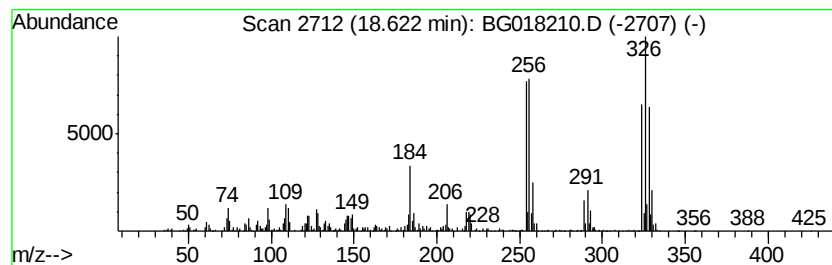
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	38.01 ng/ul	1211430	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	96
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
5		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

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BNA_G
ClientSampleId :
C01Z8

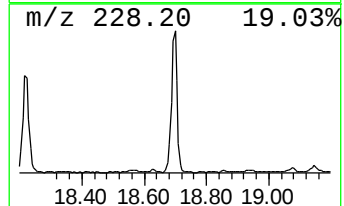
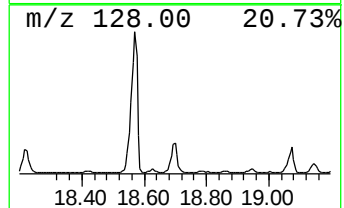
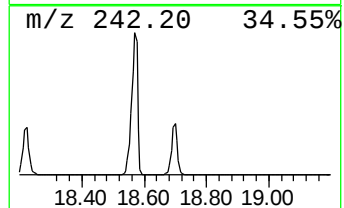
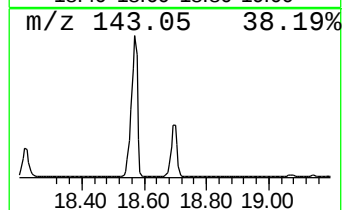
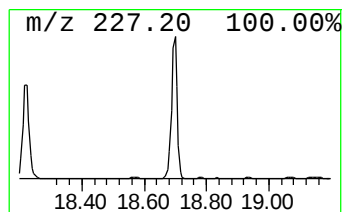
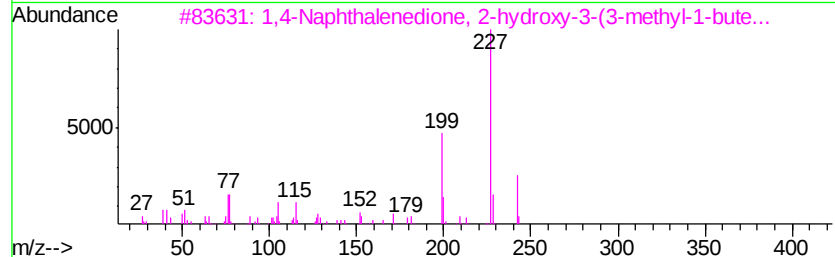
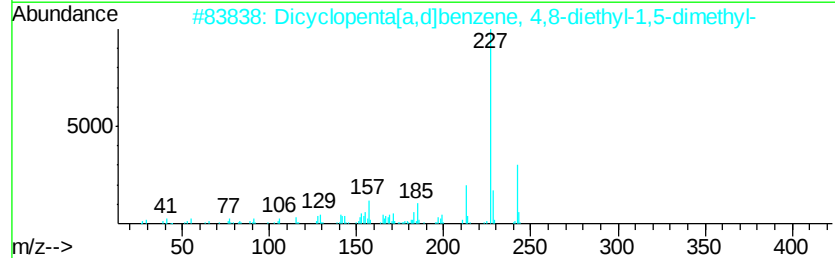
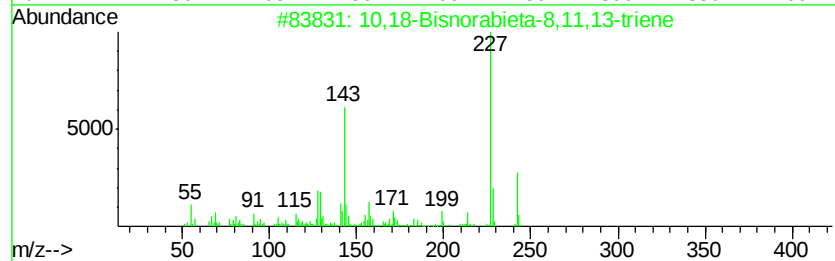
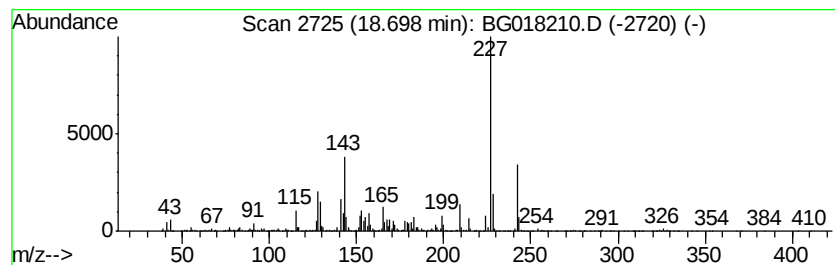
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 10,18-Bisnorabieta-8,11,13-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	108.41 ng/ul	3455650	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-8,11,13-triene	242	C18H26	032624-67-2	90
2		Dicyclopenta[a,d]benzene, 4,8-di...	242	C18H26	1000156-41-6	78
3		1,4-Naphthalenedione, 2-hydroxy-...	242	C15H14O3	004042-39-1	60
4		s-Indacene-1,7-dione, 2,3,5,6-te...	242	C16H18O2	055591-17-8	49
5		2-(2'-Methoxyphenyl)-2-(2'-hydro...	242	C16H18O2	1000283-53-4	47



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z8

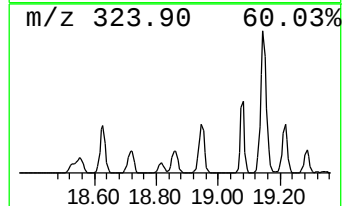
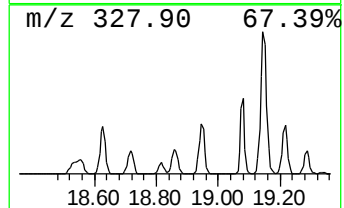
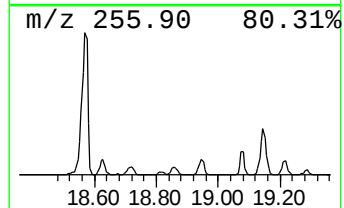
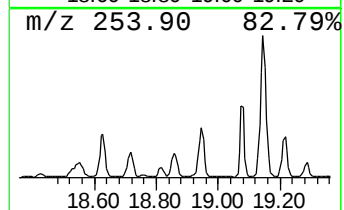
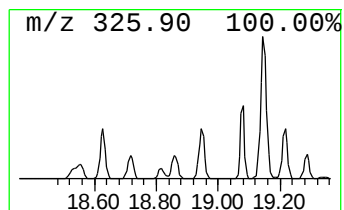
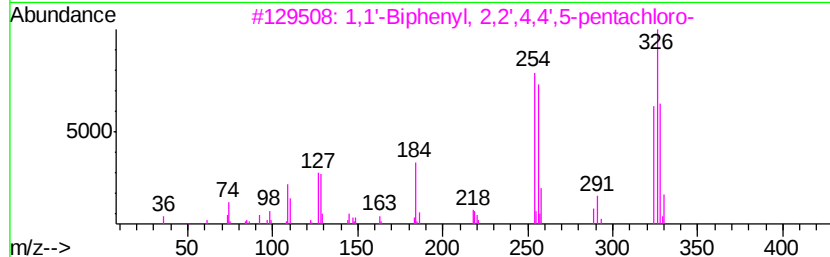
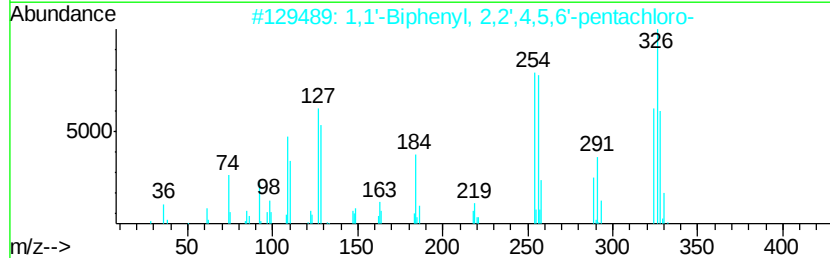
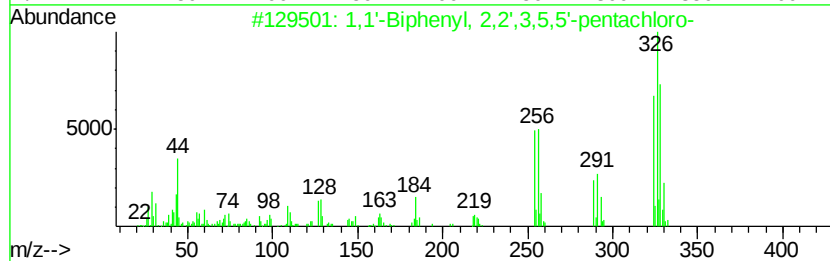
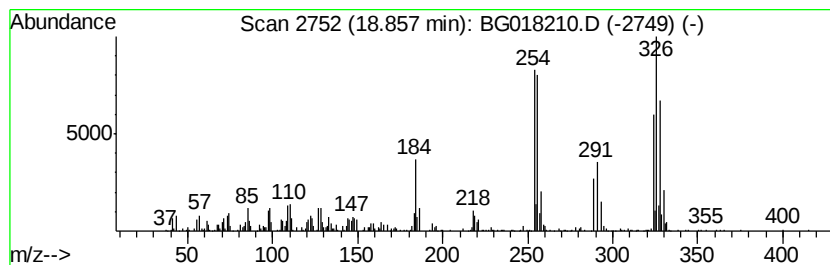
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 1,1'-Biphenyl, 2,2',4,5,6'-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	15.69 ng/ul	500025	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2		1,1'-Biphenyl, 2,2',4,5,6'-penta...	324	C12H5Cl5	068194-06-9	97
3		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96
4		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95
5		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C01Z8

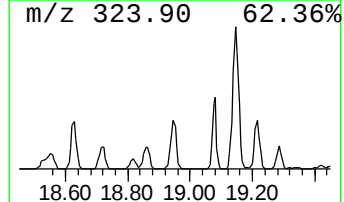
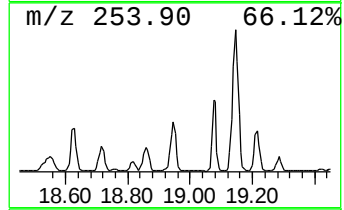
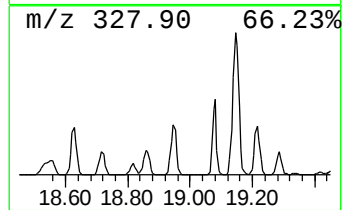
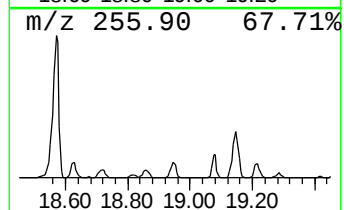
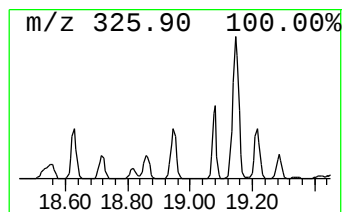
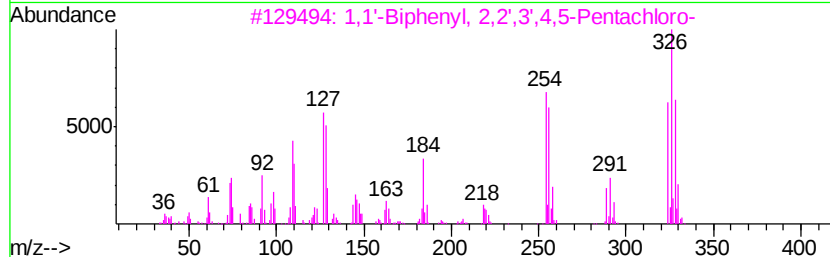
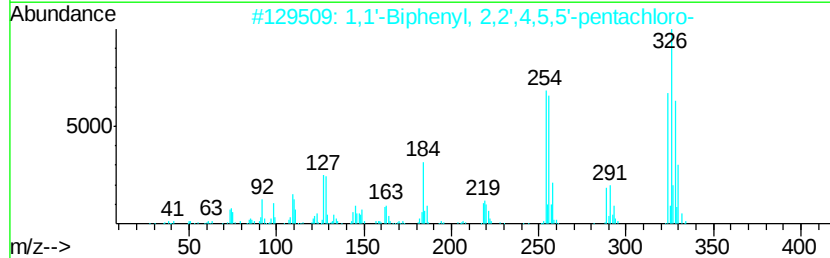
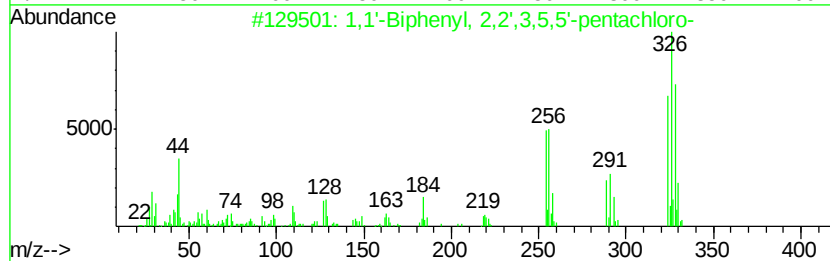
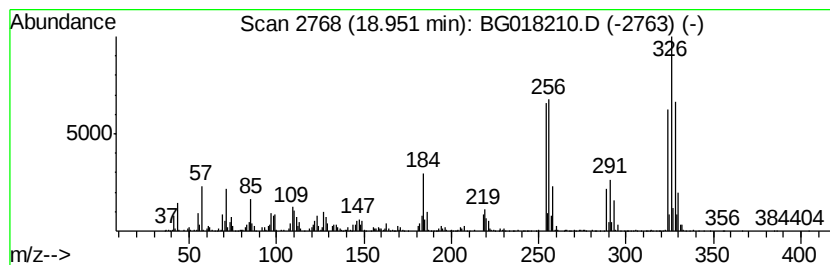
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 1,1'-Biphenyl, 2,2',4,5,5'-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	38.03 ng/ul	1212120	Phenanthrene-d10	16.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99
3		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	97
4		1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	97
5		1,1'-Biphenyl, 2,2',3',4,6-Penta...	324	C12H5Cl5	060233-25-2	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C01Z8

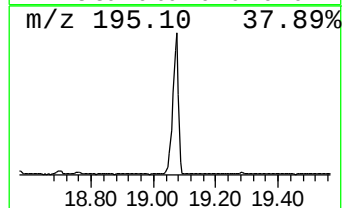
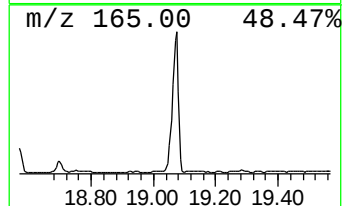
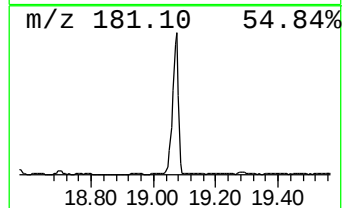
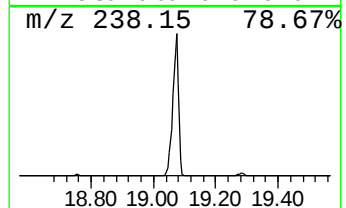
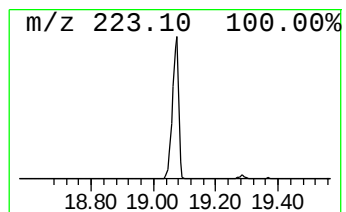
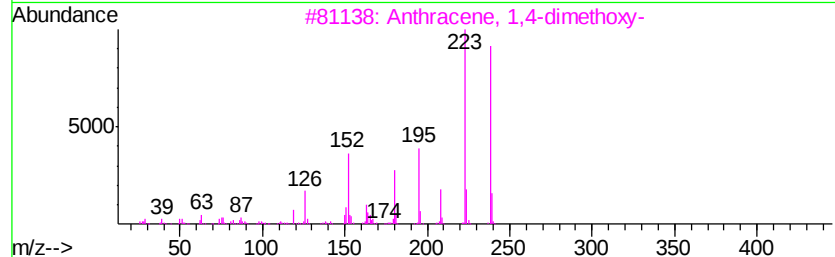
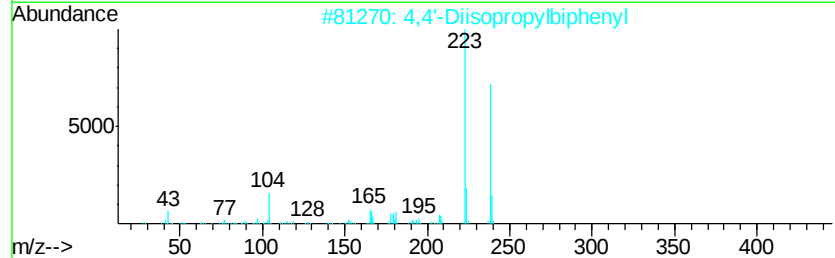
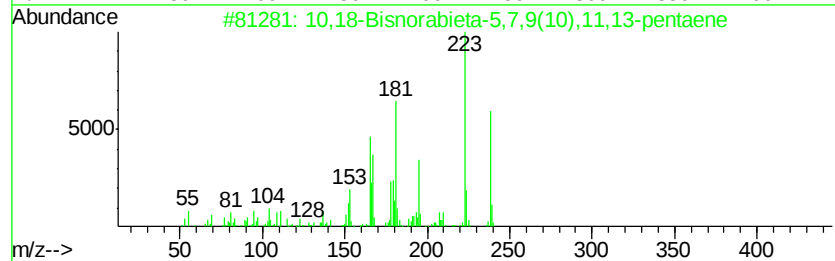
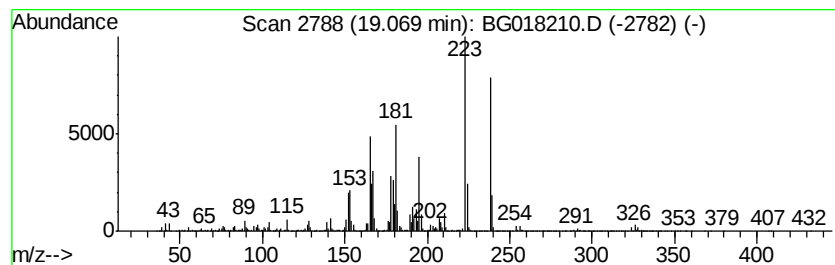
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.07	87.75 ng/ul	14898700	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	98
2		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
3		Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	49
4		3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	43
5		4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	43



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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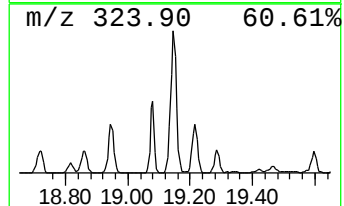
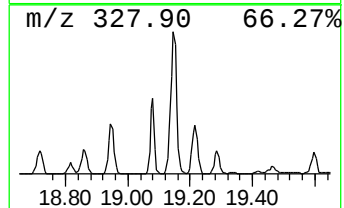
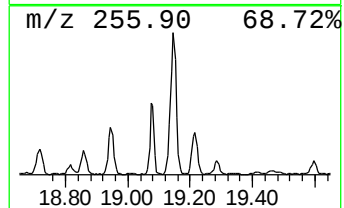
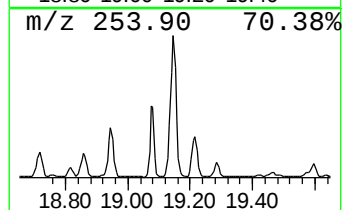
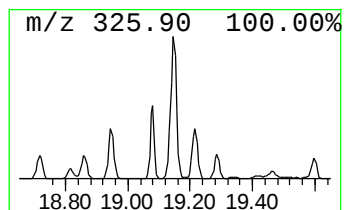
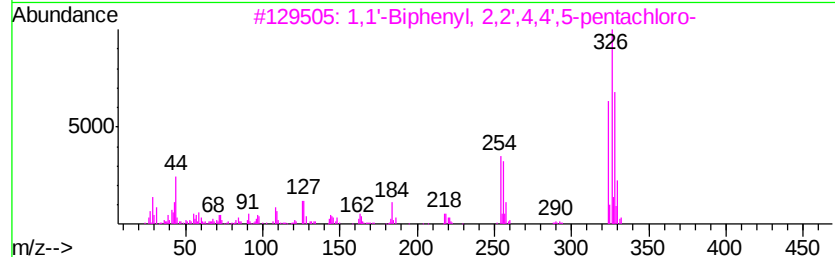
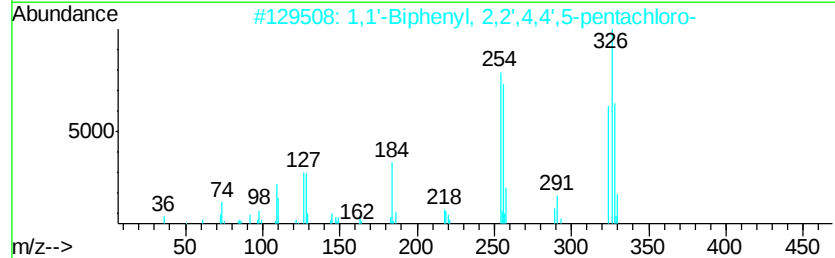
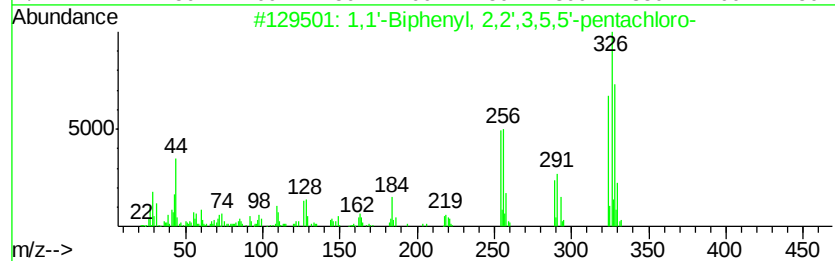
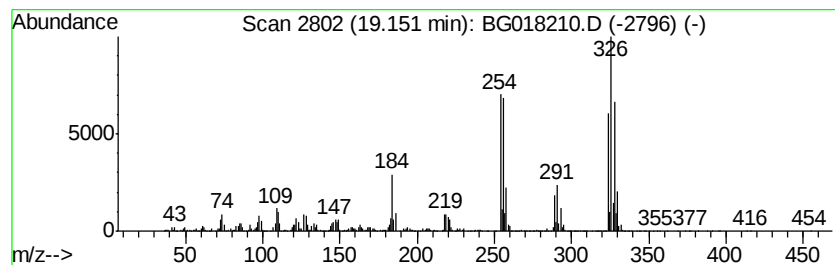
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	20.06 ng/ul	3405200	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
3		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	95
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	94
5		1,1'-Biphenyl, 2,3,4,4',6-Pentac...	324	C12H5Cl5	074472-38-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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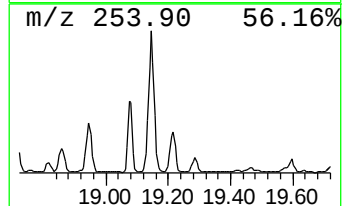
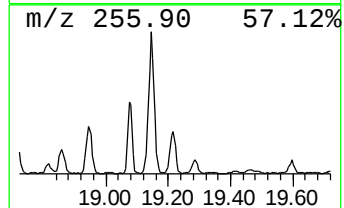
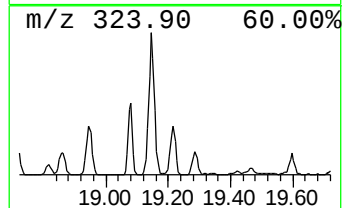
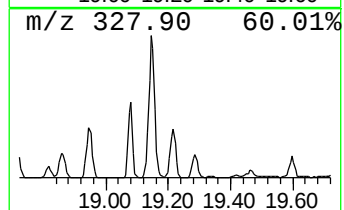
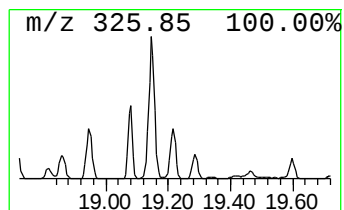
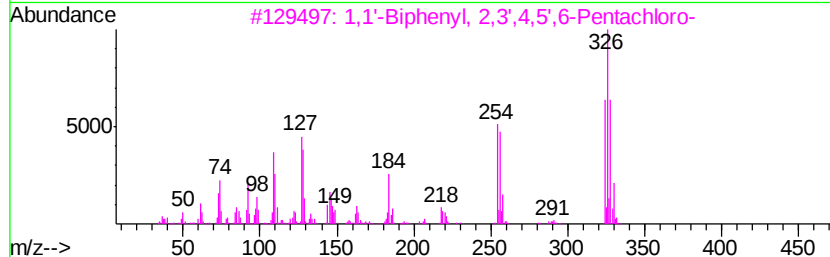
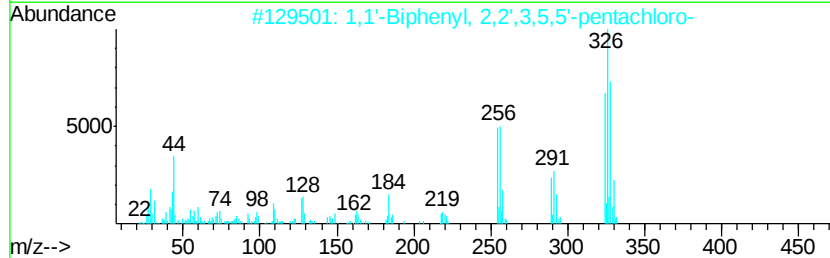
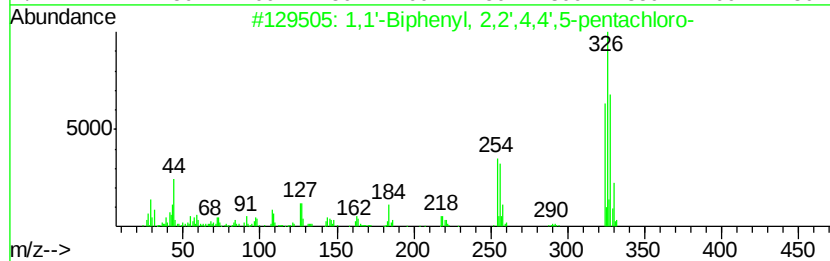
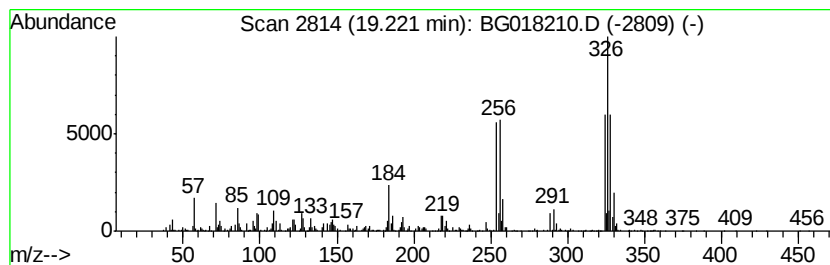
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 1,1'-Biphenyl, 2,3',4,5',6-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.22	5.88 ng/ul	998269	Chrysene-d12	21.14

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	96		
2	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	95		
3	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	95		
4	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95		
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	95		



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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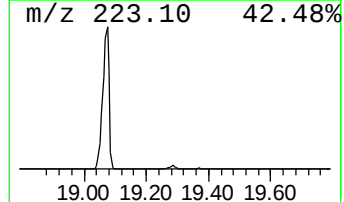
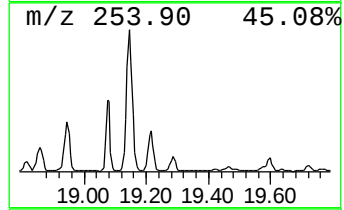
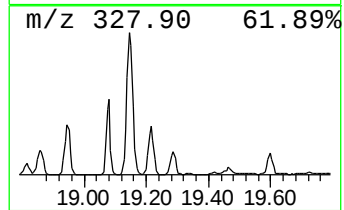
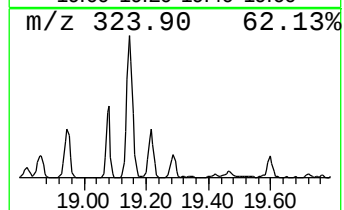
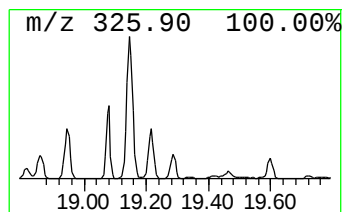
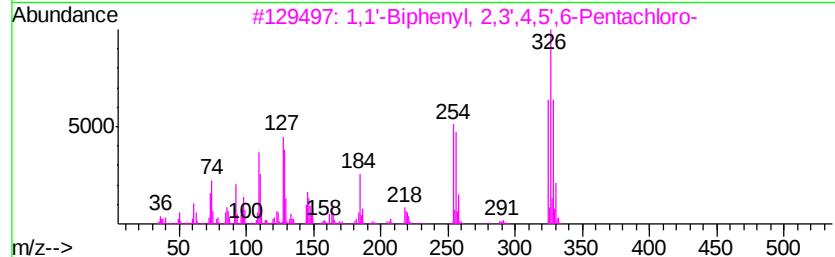
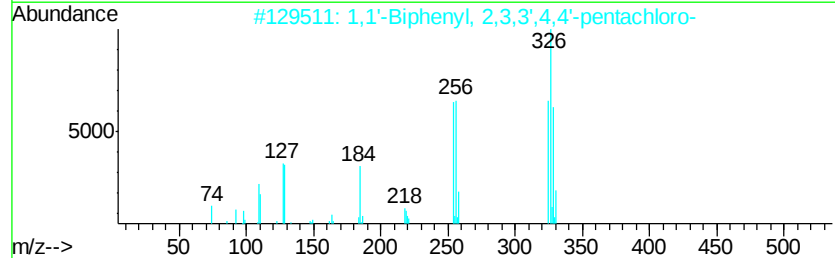
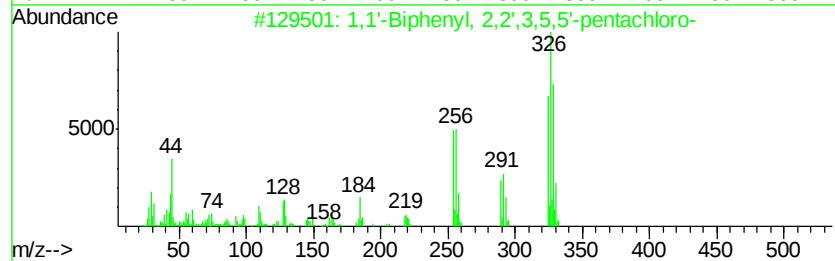
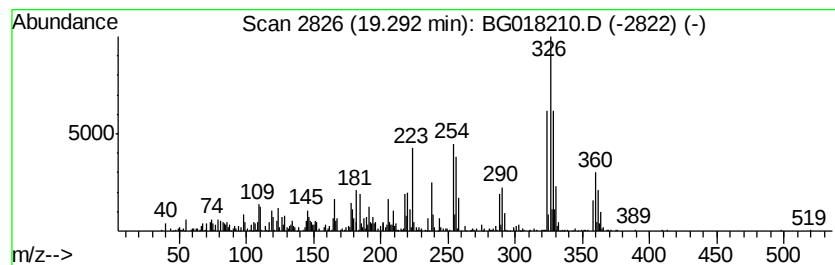
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 36 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	3.43 ng/ul	582271	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	96
2		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	94
3		1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	94
4		1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	94
5		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	94



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
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Instrument :
BNA_G
ClientSampleId :
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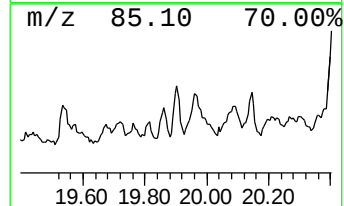
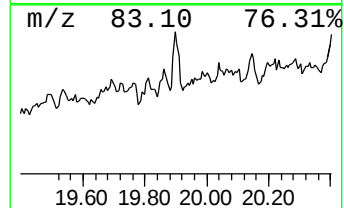
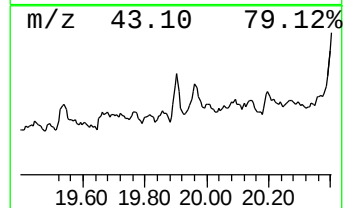
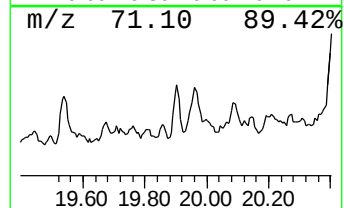
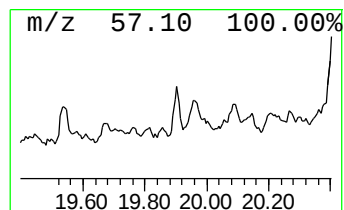
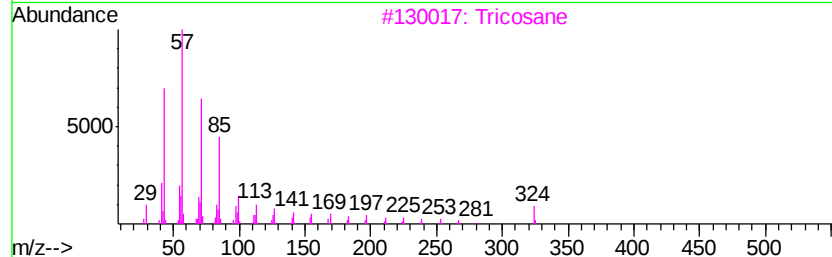
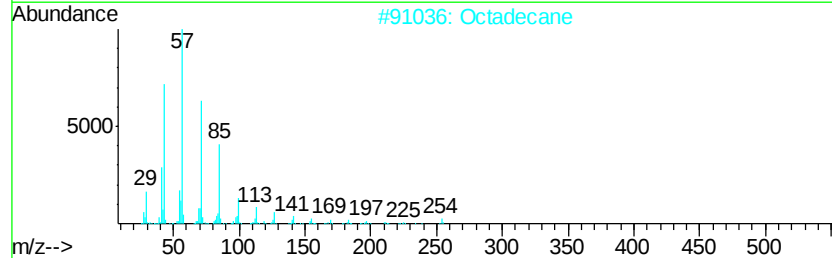
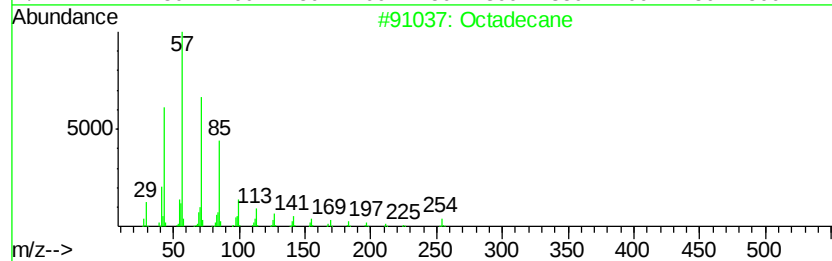
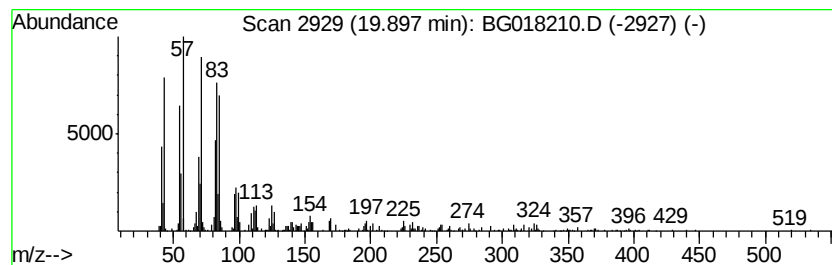
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	2.43 ng/ul	411734	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Octadecane	254	C18H38	000593-45-3	91
3		Tricosane	324	C23H48	000638-67-5	90
4		Octadecane	254	C18H38	000593-45-3	90
5		Tricosane	324	C23H48	000638-67-5	78



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
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Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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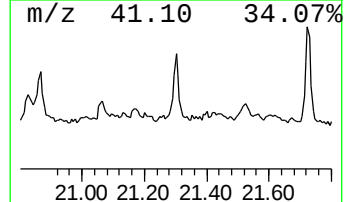
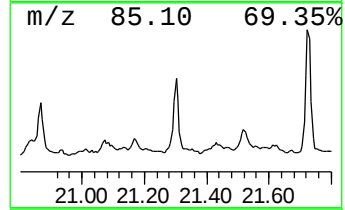
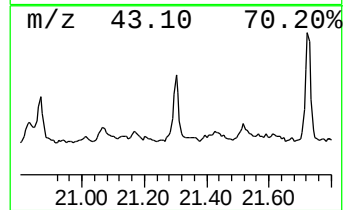
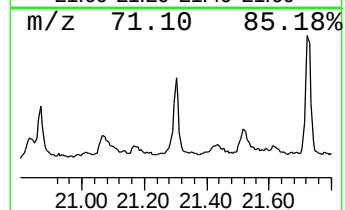
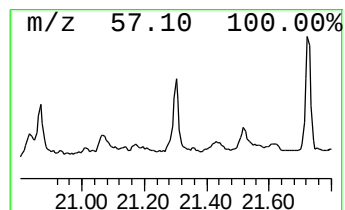
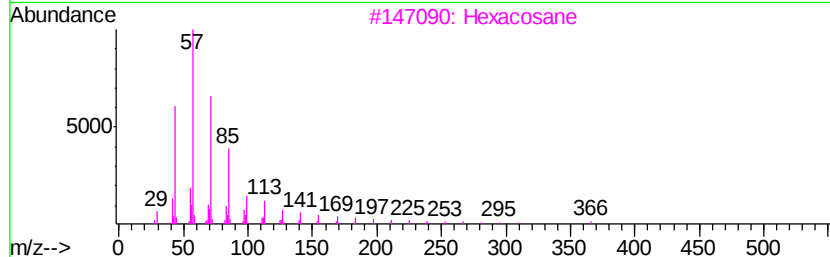
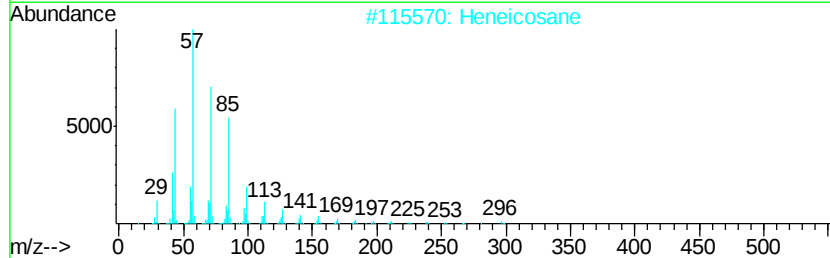
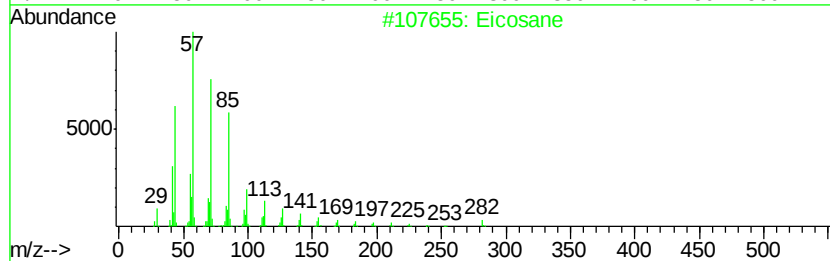
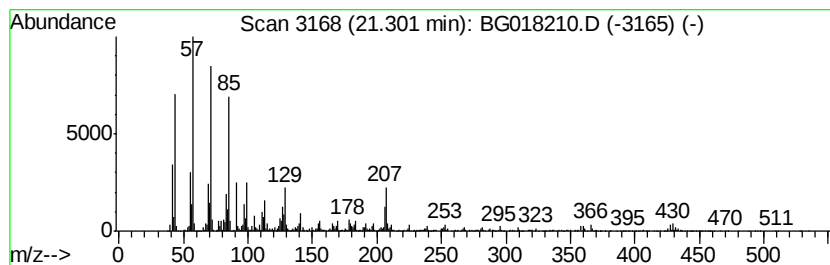
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	10.98 ng/ul	1863500	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	98
2		Heneicosane	296	C21H44	000629-94-7	97
3		Hexacosane	366	C26H54	000630-01-3	96
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	83
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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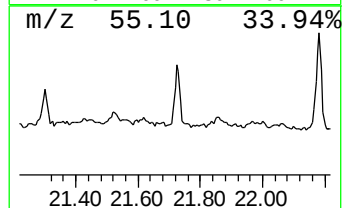
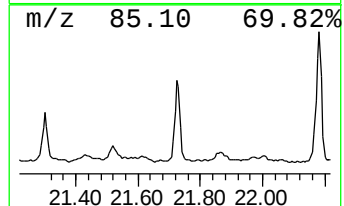
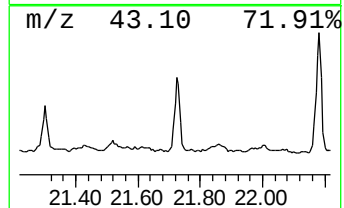
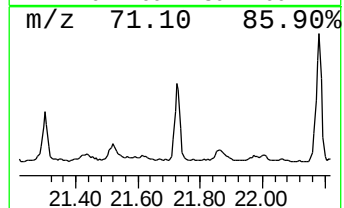
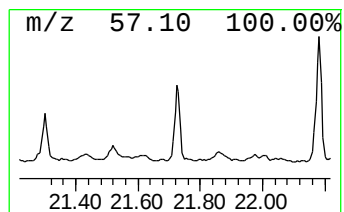
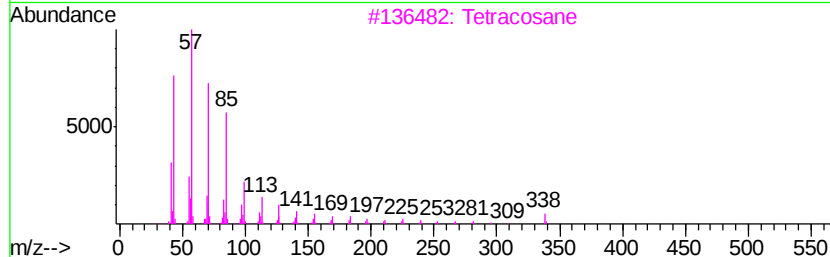
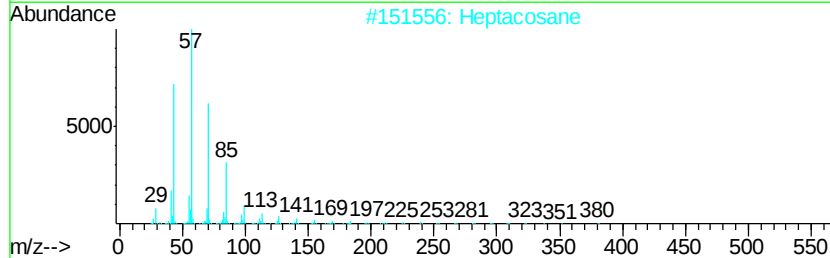
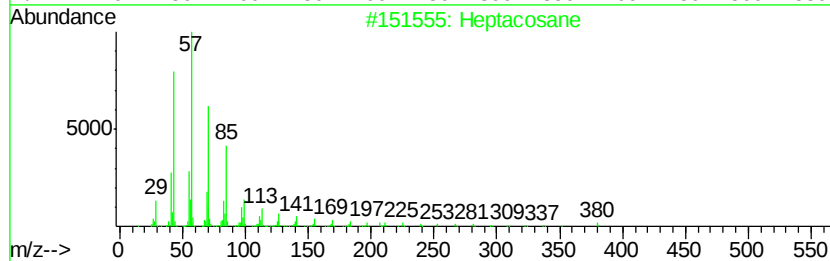
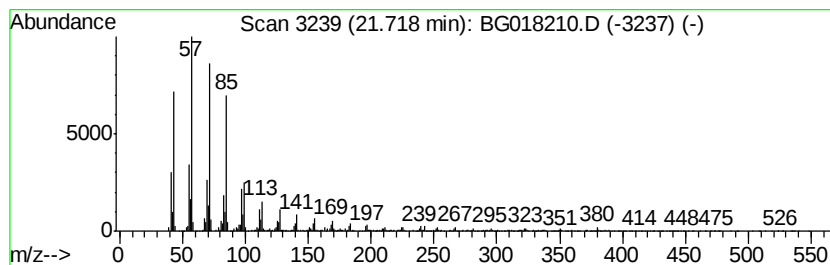
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.72	16.16 ng/ul	2744010	Chrysene-d12	21.14

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	98
2		Heptacosane	380	C27H56	000593-49-7	98
3		Tetracosane	338	C24H50	000646-31-1	97
4		Octadecane	254	C18H38	000593-45-3	96
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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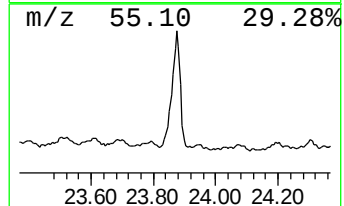
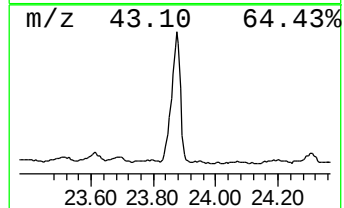
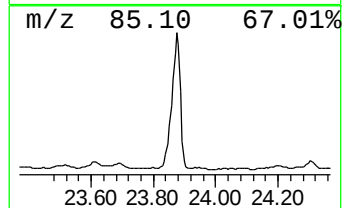
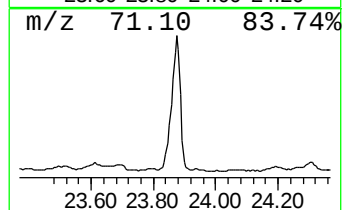
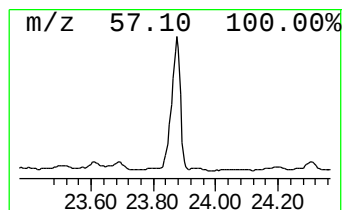
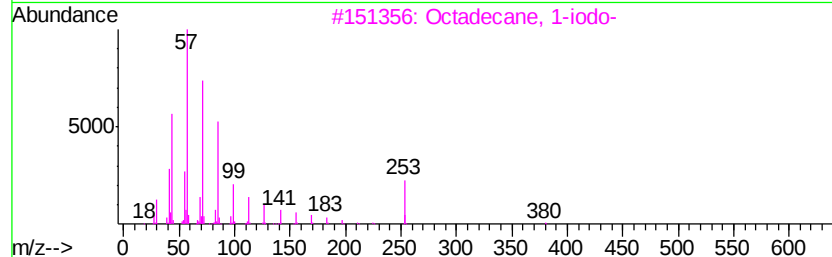
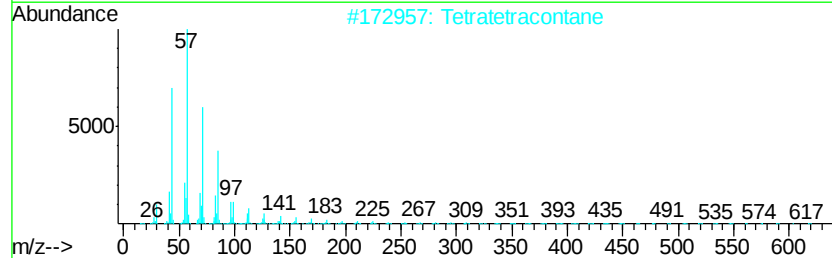
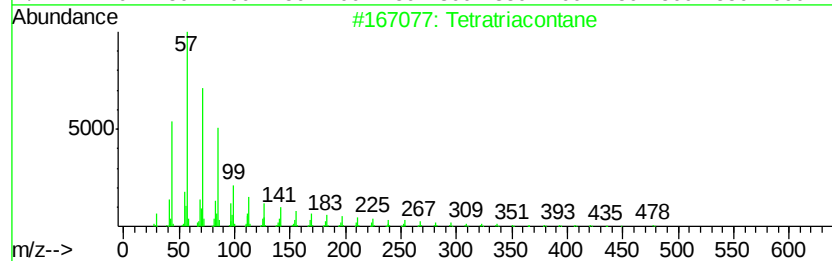
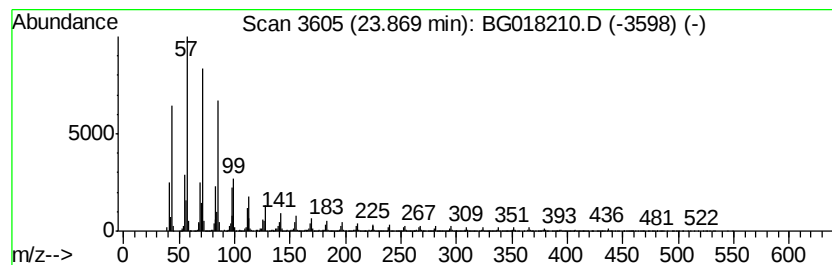
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.87	23.56 ng/ul	9941680	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	93
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	91
4		Tetratriacontane	479	C34H70	014167-59-0	91
5		Heptadecane, 3-methyl-	254	C18H38	006418-44-6	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z8

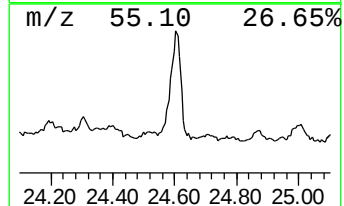
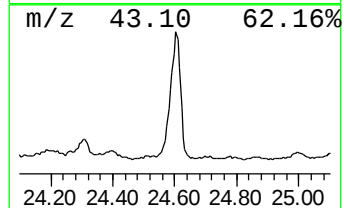
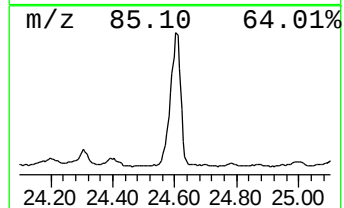
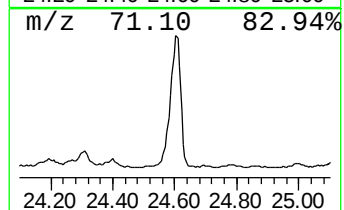
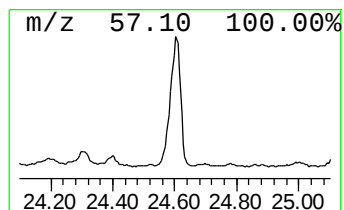
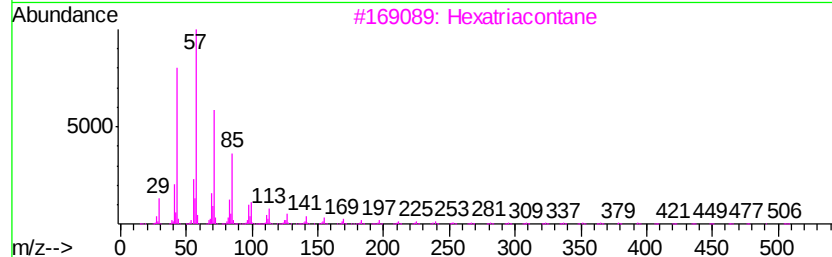
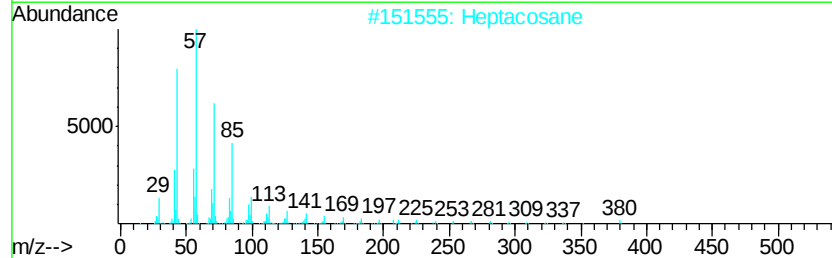
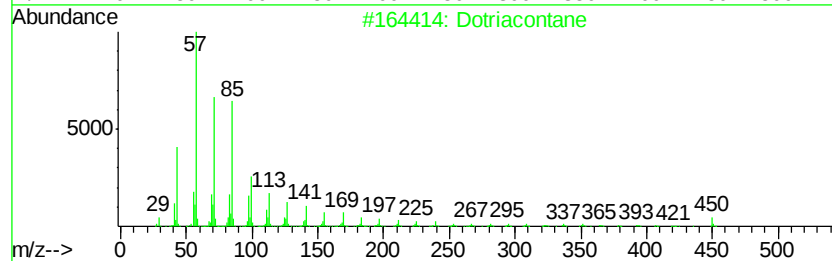
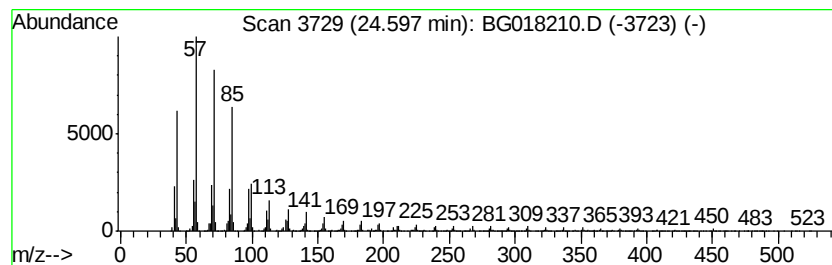
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	15.40 ng/ul	6498450	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dotriacontane	451	C32H66	000544-85-4	99
2		Heptacosane	380	C27H56	000593-49-7	99
3		Hexatriacontane	507	C36H74	000630-06-8	94
4		Docosane, 11-butyl-	366	C26H54	013475-76-8	93
5		Docosane, 1,22-dibromo-	466	C22H44Br2	034540-49-3	91



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
Data File : BG018210.D
Acq On : 1 Aug 2015 8:43
Operator : TP/UM
Sample : G3065-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Z8

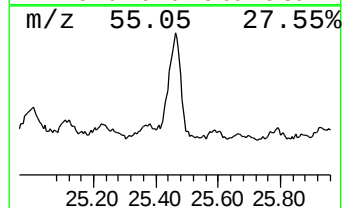
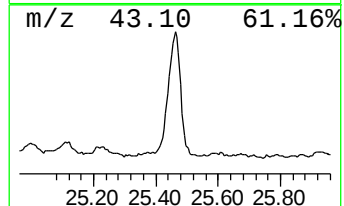
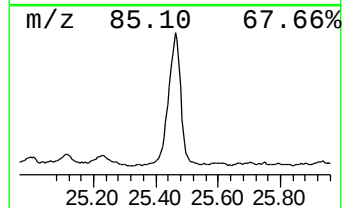
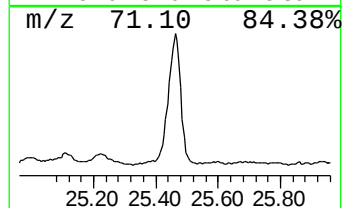
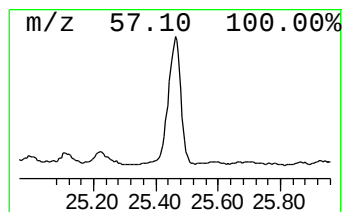
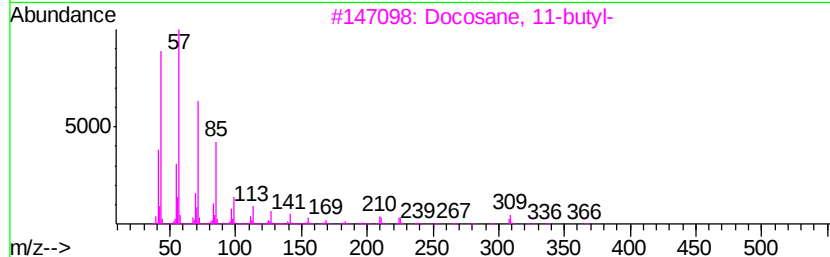
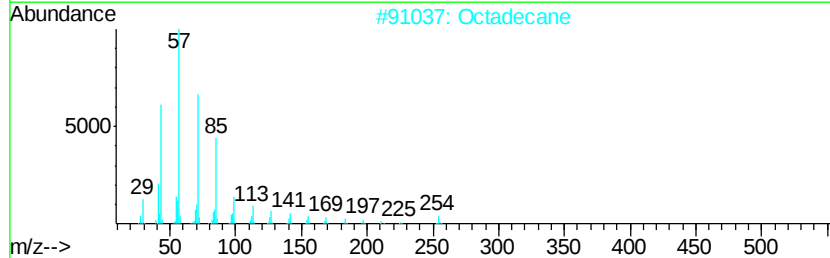
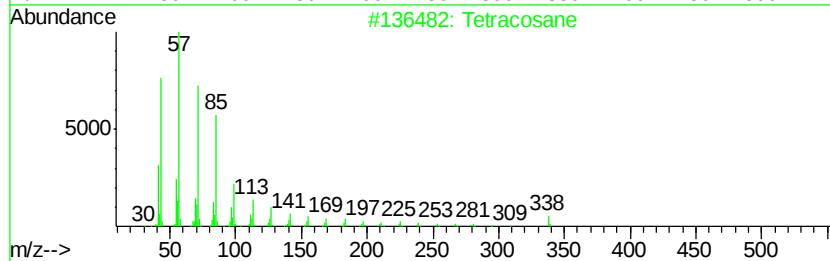
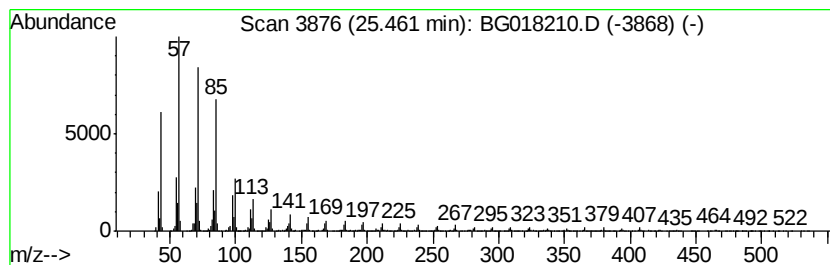
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.46	12.55 ng/ul	5297450	Perylene-d12	23.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	98
2		Octadecane	254	C18H38	000593-45-3	97
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	94
4		Docosane, 9-butyl-	366	C26H54	055282-14-9	94
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073115\
 Data File : BG018210.D
 Acq On : 1 Aug 2015 8:43
 Operator : TP/UM
 Sample : G3065-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Z8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	8.59	4.3	ng/ul	86178	1	7.49	405549	20.0
(DEL) Alkane: Str...	11.31	6.5	ng/ul	198043	2	10.27	608269	20.0
(DEL) Alkane: Str...	12.69	4.6	ng/ul	189697	3	14.16	820976	20.0
Naphthalene, 2,3-...	13.48	2.9	ng/ul	118036	3	14.16	820976	20.0
unknown-01	13.70	3.0	ng/ul	121820	3	14.16	820976	20.0
Decahydro-4,4,8,9...	13.99	3.7	ng/ul	152753	3	14.16	820976	20.0
unknown-02	14.70	3.3	ng/ul	136817	3	14.16	820976	20.0
Stannane, dibutyl...	14.89	2.0	ng/ul	82980	3	14.16	820976	20.0
Naphthalene, 2,3,...	14.95	5.0	ng/ul	204631	3	14.16	820976	20.0
(DEL) Alkane: Str...	15.44	8.7	ng/ul	358312	3	14.16	820976	20.0
Naphthalene, 1,2,...	15.88	4.7	ng/ul	148201	4	16.92	637490	20.0
(DEL) Alkane: Str...	15.93	20.3	ng/ul	646022	4	16.92	637490	20.0
(DEL) Alkane: Str...	16.75	13.9	ng/ul	442410	4	16.92	637490	20.0
1,1'-Biphenyl, 2'...	16.84	2.1	ng/ul	67018	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	17.64	46.0	ng/ul	1464680	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	17.72	100.4	ng/ul	3200430	4	16.92	637490	20.0
Anthracene, 9-met...	17.85	15.6	ng/ul	496397	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	18.00	17.7	ng/ul	564120	4	16.92	637490	20.0
18-Norabietane	18.04	28.6	ng/ul	912763	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	18.06	52.1	ng/ul	1661250	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	18.11	158.8	ng/ul	5061310	4	16.92	637490	20.0
unknown-03	18.22	219.2	ng/ul	6987170	4	16.92	637490	20.0
unknown-04	18.41	136.5	ng/ul	4352130	4	16.92	637490	20.0
4b,8-Dimethyl-2-i...	18.57	581.6	ng/ul	18538800	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	18.62	38.0	ng/ul	1211430	4	16.92	637490	20.0
10,18-Bisnorabiet...	18.70	108.4	ng/ul	3455650	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	18.86	15.7	ng/ul	500025	4	16.92	637490	20.0
1,1'-Biphenyl, 2,...	18.95	38.0	ng/ul	1212120	4	16.92	637490	20.0
10,18-Bisnorabiet...	19.07	87.8	ng/ul	14898700	5	21.14	3395690	20.0
1,1'-Biphenyl, 2,...	19.15	20.1	ng/ul	3405200	5	21.14	3395690	20.0
1,1'-Biphenyl, 2,...	19.22	5.9	ng/ul	998269	5	21.14	3395690	20.0
1,1'-Biphenyl, 2,...	19.29	3.4	ng/ul	582271	5	21.14	3395690	20.0
(DEL) Alkane: Str...	19.90	2.4	ng/ul	411734	5	21.14	3395690	20.0
(DEL) Alkane: Str...	21.30	11.0	ng/ul	1863500	5	21.14	3395690	20.0
(DEL) Alkane: Str...	21.72	16.2	ng/ul	2744010	5	21.14	3395690	20.0
(DEL) Alkane: Str...	23.87	23.6	ng/ul	9941680	6	23.33	8440740	20.0
(DEL) Alkane: Str...	24.60	15.4	ng/ul	6498450	6	23.33	8440740	20.0
(DEL) Alkane: Str...	25.46	12.6	ng/ul	5297450	6	23.33	8440740	20.0