

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018374.D
 Acq On : 11 Aug 2015 3:54
 Operator : UM/MA
 Sample : G3154-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Y2

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-BG080915.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	3.819	161	167	182	rVB	1860130	2700744	31.21%	2.497%
2	5.141	388	392	400	rBV	26846	43738	0.51%	0.040%
3	5.682	476	484	490	rBV	39134	79321	0.92%	0.073%
4	6.052	540	547	554	rBV	38529	62463	0.72%	0.058%
5	7.198	735	742	750	rVV	151162	275307	3.18%	0.254%
6	7.362	764	770	776	rVB	173707	280112	3.24%	0.259%
7	7.574	795	806	815	rVB	157755	276737	3.20%	0.256%
8	7.691	818	826	831	rVB4	20101	53028	0.61%	0.049%
9	7.932	861	867	871	rBV2	17759	33925	0.39%	0.031%
10	8.044	876	886	898	rBV	466696	837194	9.67%	0.774%
11	8.161	901	906	912	rVB3	20694	35614	0.41%	0.033%
12	8.684	989	995	1000	rBV9	11516	28217	0.33%	0.026%
13	8.743	1000	1005	1013	rVB2	63908	110596	1.28%	0.102%
14	9.195	1076	1082	1091	rVV	203978	365628	4.22%	0.338%
15	9.730	1168	1173	1178	rBV6	14011	31391	0.36%	0.029%
16	9.924	1199	1206	1212	rBV	165729	306300	3.54%	0.283%
17	10.464	1288	1298	1306	rVB	215480	393088	4.54%	0.363%
18	10.729	1332	1343	1349	rBV2	239390	439091	5.07%	0.406%
19	10.846	1353	1363	1369	rBV	694465	1300409	15.03%	1.202%
20	10.893	1369	1371	1372	rVV2	45747	44180	0.51%	0.041%
21	10.934	1372	1378	1382	rVV	352450	616175	7.12%	0.570%
22	10.976	1382	1385	1395	rVB2	103321	179332	2.07%	0.166%
23	11.228	1422	1428	1435	rBV	31891	60340	0.70%	0.056%
24	11.322	1437	1444	1454	rVB	1148377	1783217	20.61%	1.648%
25	11.769	1512	1520	1526	rVB	3022174	4718048	54.52%	4.361%
26	12.262	1599	1604	1608	rBV3	14910	24526	0.28%	0.023%
27	12.497	1637	1644	1649	rVB4	23321	46075	0.53%	0.043%
28	12.715	1676	1681	1687	rVV6	13849	26373	0.30%	0.024%
29	13.496	1809	1814	1821	rVB3	30765	49129	0.57%	0.045%
30	13.831	1863	1871	1873	rBV9	14408	29551	0.34%	0.027%
31	13.990	1893	1898	1902	rVV4	19197	40632	0.47%	0.038%
32	14.066	1902	1911	1916	rVV	477402	753341	8.70%	0.696%
33	14.113	1916	1919	1923	rVV	133572	186052	2.15%	0.172%
34	14.360	1955	1961	1967	rVV	499224	790002	9.13%	0.730%

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35	14.566	1991	1996	2002	rVB2	37251	60102	0.69%	0.056%
36	14.671	2002	2014	2021	rBV2	1070276	1835698	21.21%	1.697%
37	14.730	2021	2024	2031	rVB7	13121	27600	0.32%	0.026%
38	14.853	2039	2045	2053	rBV	108693	182315	2.11%	0.169%
39	15.065	2076	2081	2087	rBV3	46092	71566	0.83%	0.066%
40	15.511	2153	2157	2161	rVB	59424	72493	0.84%	0.067%
41	15.658	2176	2182	2187	rVV	610263	898017	10.38%	0.830%
42	15.705	2187	2190	2195	rVB4	23754	35637	0.41%	0.033%
43	15.758	2197	2199	2204	rVB6	20024	27885	0.32%	0.026%
44	15.917	2224	2226	2231	rVB4	32118	43793	0.51%	0.040%
45	16.011	2238	2242	2248	rVB9	16483	35553	0.41%	0.033%
46	16.375	2300	2304	2306	rBV	76338	115066	1.33%	0.106%
47	17.063	2418	2421	2425	rVB5	23499	32106	0.37%	0.030%
48	17.168	2435	2439	2442	rVB	77867	97219	1.12%	0.090%
49	17.221	2445	2448	2453	rVB4	56531	82980	0.96%	0.077%
50	17.280	2456	2458	2462	rBV4	37880	48576	0.56%	0.045%
51	17.409	2474	2480	2484	rBV2	1273300	1935301	22.36%	1.789%
52	17.450	2484	2487	2492	rVB	246581	336704	3.89%	0.311%
53	17.509	2492	2497	2501	rBV	537517	792288	9.15%	0.732%
54	17.586	2507	2510	2517	rVB6	69257	112124	1.30%	0.104%
55	17.785	2539	2544	2553	rBV2	372632	551416	6.37%	0.510%
56	17.903	2562	2564	2571	rVB3	96111	123370	1.43%	0.114%
57	17.997	2576	2580	2587	rVB4	120663	262308	3.03%	0.242%
58	18.120	2597	2601	2608	rBV4	156990	235756	2.72%	0.218%
59	18.296	2627	2631	2641	rBV4	315725	566024	6.54%	0.523%
60	18.479	2656	2662	2667	rBV	3613044	5059140	58.46%	4.677%
61	18.537	2667	2672	2676	rVV	1367117	1825024	21.09%	1.687%
62	18.578	2676	2679	2686	rVB3	422239	643079	7.43%	0.594%
63	18.725	2700	2704	2706	rBV	237096	283195	3.27%	0.262%
64	18.761	2706	2710	2715	rVV	1390551	1926567	22.26%	1.781%
65	18.808	2715	2718	2724	rVB3	194729	253756	2.93%	0.235%
66	18.896	2730	2733	2736	rBV2	119874	165966	1.92%	0.153%
67	18.931	2736	2739	2743	rVB	383178	487353	5.63%	0.451%
68	19.236	2787	2791	2795	rBV2	372839	535410	6.19%	0.495%
69	19.319	2795	2805	2814	rVB2	4318879	8426114	97.36%	7.789%
70	19.401	2815	2819	2824	rBV	693858	901413	10.42%	0.833%
71	19.460	2824	2829	2834	rBV	542554	801750	9.26%	0.741%

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72	19.524	2835	2840	2845	rBV2	1038880	1669153	19.29%	1.543%
73	19.601	2847	2853	2859	rVV	5954369	8654176	100.00%	8.000%
74	19.665	2859	2864	2868	rVV	2341432	2916511	33.70%	2.696%
75	19.795	2881	2886	2889	rBV3	801922	1345210	15.54%	1.244%
76	19.859	2893	2897	2902	rVV	1613438	2091916	24.17%	1.934%
77	19.936	2906	2910	2915	rVV	2245483	2993465	34.59%	2.767%
78	19.989	2915	2919	2922	rVV2	715621	934666	10.80%	0.864%
79	20.047	2922	2929	2934	rVB	5819616	7999797	92.44%	7.395%
80	20.165	2945	2949	2951	rBV4	648160	886430	10.24%	0.819%
81	20.253	2962	2964	2967	rVB3	202394	206222	2.38%	0.191%
82	20.306	2967	2973	2977	rBV2	2634325	3593059	41.52%	3.321%
83	20.359	2977	2982	2987	rVB	4273467	5367831	62.03%	4.962%
84	20.429	2991	2994	2999	rVB3	259799	308354	3.56%	0.285%
85	20.500	3002	3006	3011	rVB3	583767	831388	9.61%	0.769%
86	20.582	3015	3020	3024	rBV	2899047	3472237	40.12%	3.210%
87	20.635	3025	3029	3031	rVV	1569932	1981110	22.89%	1.831%
88	20.658	3031	3033	3039	rVB	1643062	1912844	22.10%	1.768%
89	20.729	3042	3045	3050	rBV2	566704	755204	8.73%	0.698%
90	20.805	3055	3058	3059	rVV2	277039	332913	3.85%	0.308%
91	20.823	3059	3061	3066	rVB	409014	498321	5.76%	0.461%
92	20.905	3067	3075	3082	rVB	3080664	5641140	65.18%	5.215%
93	20.993	3087	3090	3094	rVB2	235960	271377	3.14%	0.251%
94	21.058	3098	3101	3108	rVB5	264757	402105	4.65%	0.372%
95	21.234	3127	3131	3138	rBV2	950590	1265155	14.62%	1.170%
96	21.528	3177	3181	3185	rVB2	392511	517011	5.97%	0.478%
97	21.681	3200	3207	3210	rBV2	1195887	2333385	26.96%	2.157%
98	21.886	3239	3242	3248	rVB	292208	397544	4.59%	0.367%
99	22.497	3343	3346	3352	rVB	358793	542208	6.27%	0.501%
100	24.906	3751	3756	3764	rVB2	493284	1165358	13.47%	1.077%

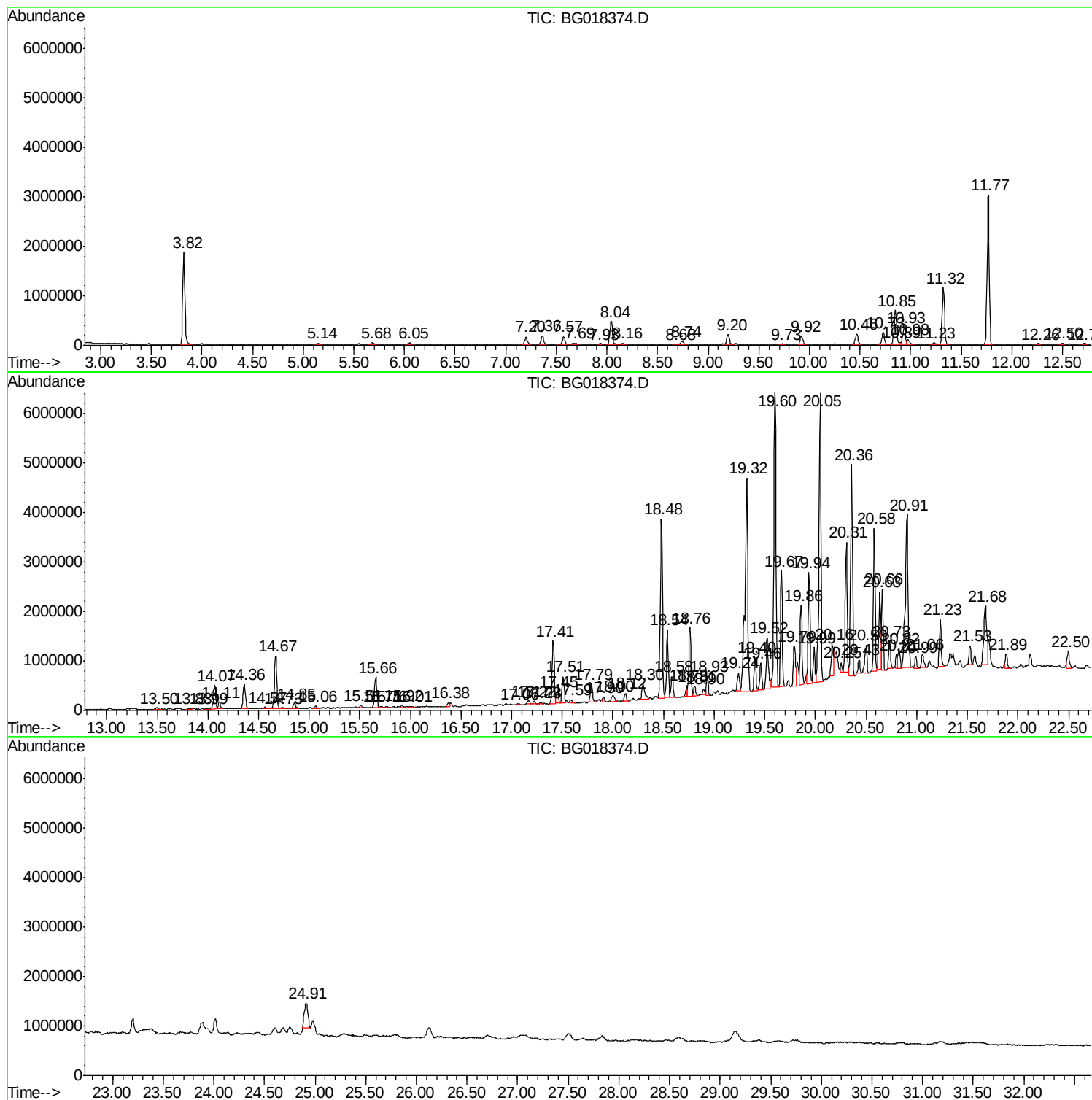
Sum of corrected areas: 108176630

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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



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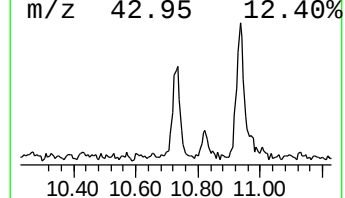
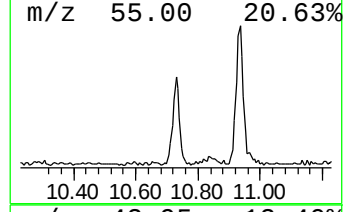
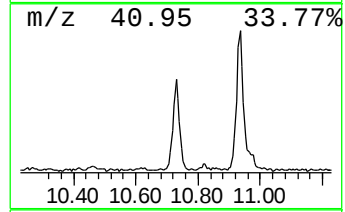
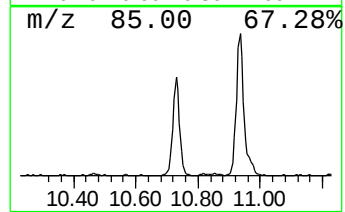
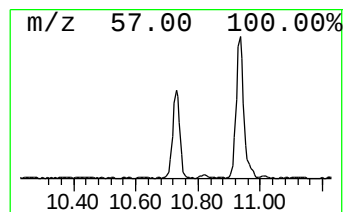
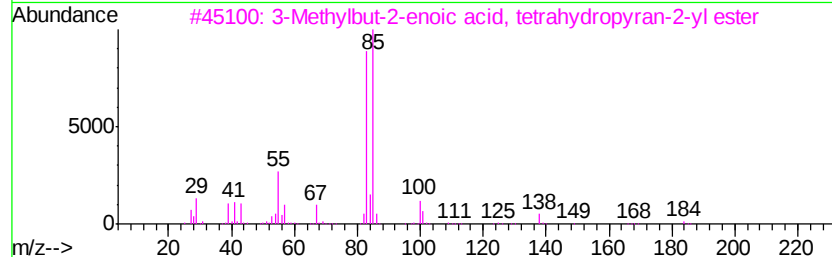
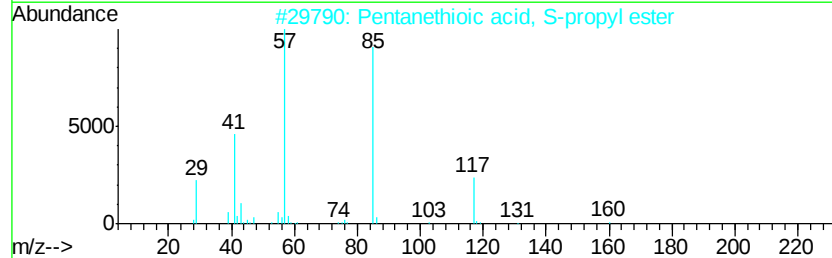
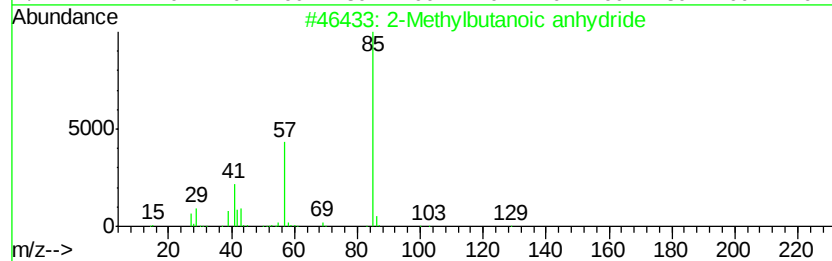
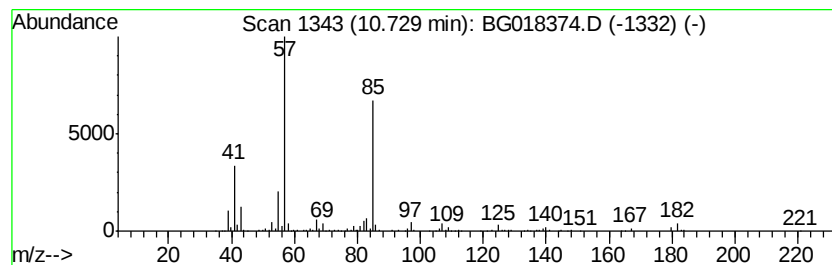
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 2-Methylbutanoic anhydride Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	6.75 ng/ul	439091	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	50
2		Pentanethioic acid, S-propyl ester	160	C8H16OS	002432-76-0	50
3		3-Methylbut-2-enoic acid, tetrah...	184	C10H16O3	1000187-32-6	43
4		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	40
5		Propanoic acid, 2,2-dimethyl-, 2...	268	C11H22O2	057025-45-3	40



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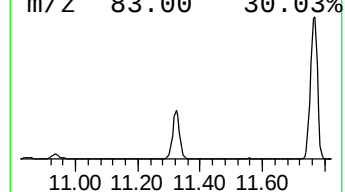
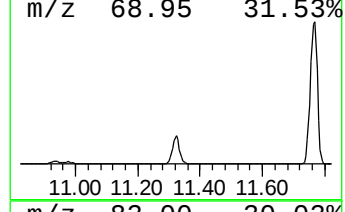
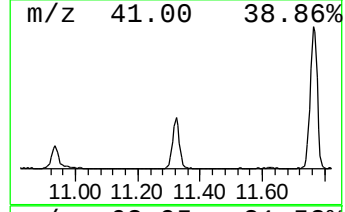
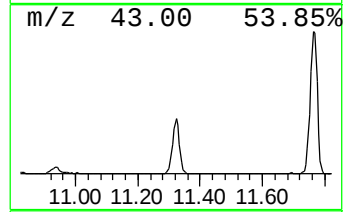
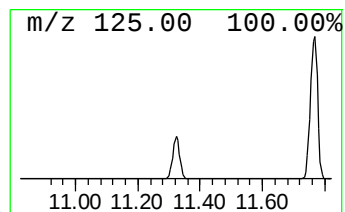
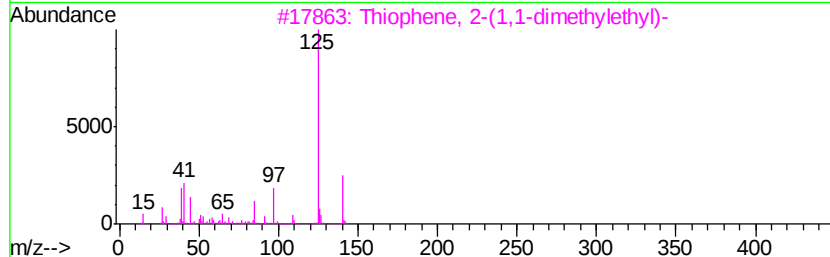
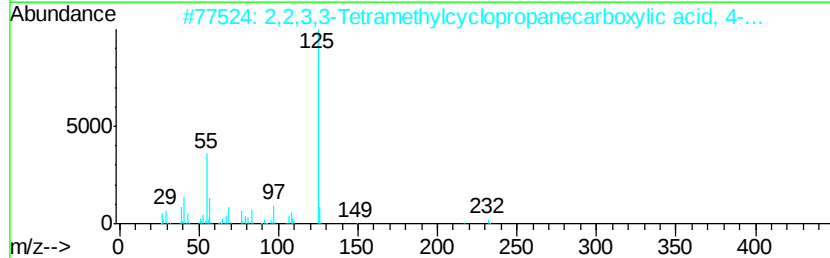
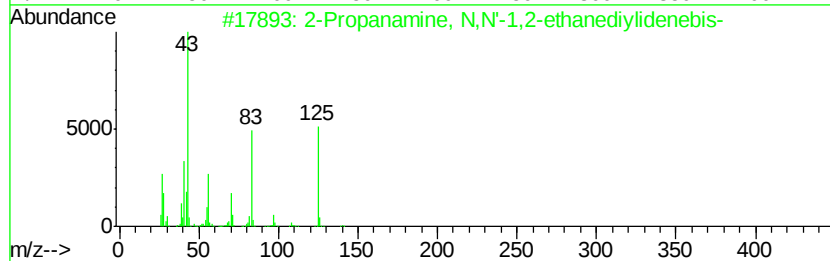
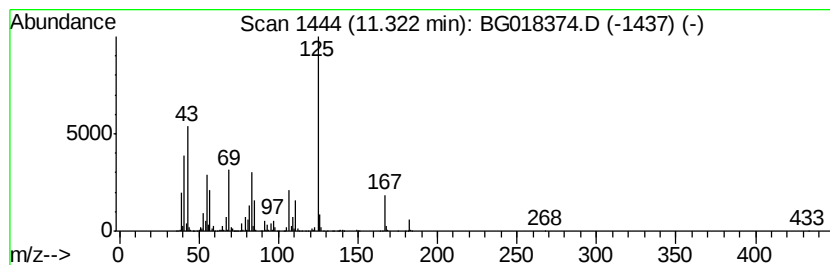
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	27.43 ng/ul	1783220	Naphthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propanamine, N,N'-1,2-ethanedi...	140	C8H16N2	024764-90-7	40
2		2,2,3,3-Tetramethylcyclopropanec...	232	C15H20O2	1000221-98-5	38
3		Thiophene, 2-(1,1-dimethylethyl)-	140	C8H12S	001689-78-7	37
4		Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	37
5		4N-Methylcytosine	125	C5H7N3O	006220-47-9	37



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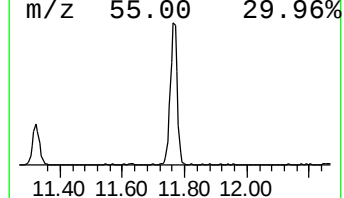
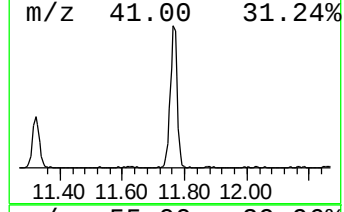
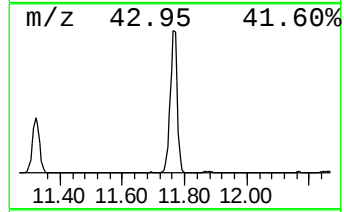
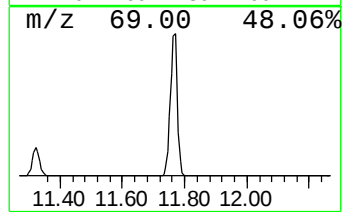
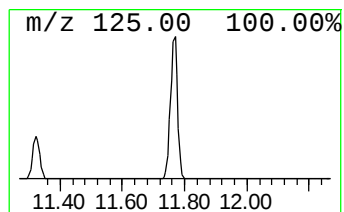
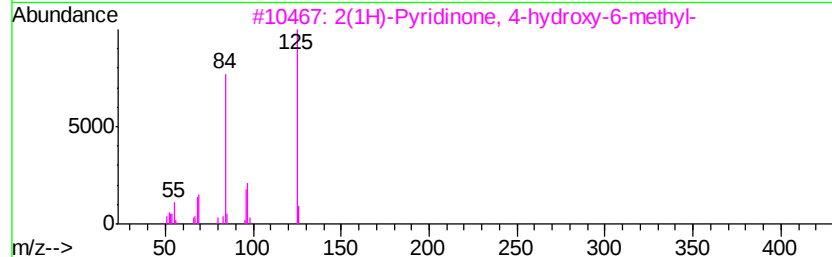
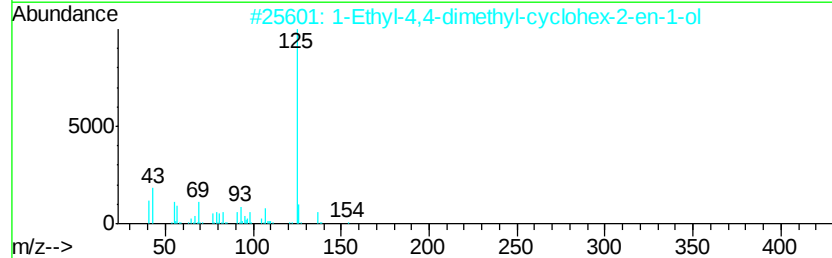
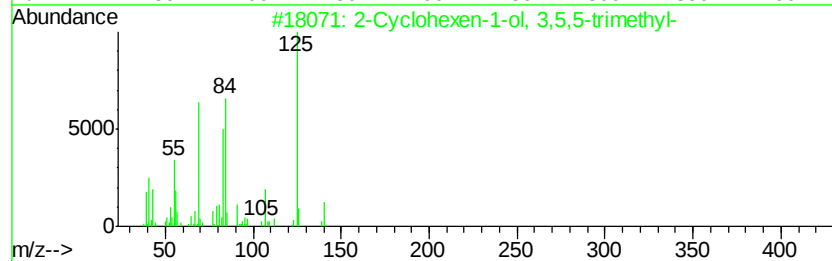
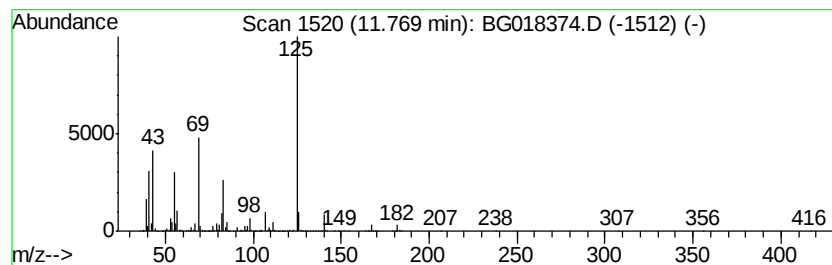
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Cyclohexen-1-ol, 3,5,5-tr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	72.56 ng/ul	4718050	Napthalene-d8	10.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Cyclohexen-1-ol, 3,5,5-trimethyl-	140	C9H16O	000470-99-5	59
2		1-Ethyl-4,4-dimethyl-cyclohex-2-...	154	C10H18O	073741-64-7	53
3		2(1H)-Pyridinone, 4-hydroxy-6-me...	125	C6H7NO2	003749-51-7	53
4		Pyrimidine, 2,4,5-triamino-	125	C4H7N5	003546-50-7	52
5		2(1H)-Pyrimidinone, 4-amino-5-me...	125	C5H7N3O	000554-01-8	50



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Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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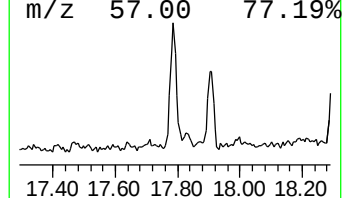
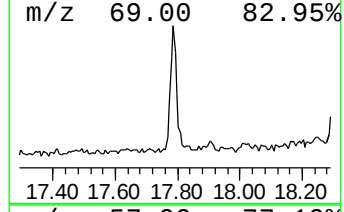
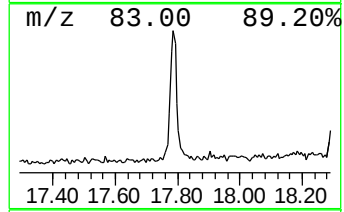
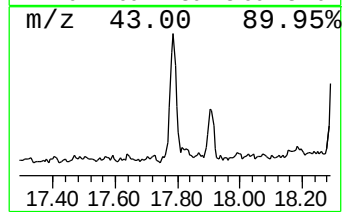
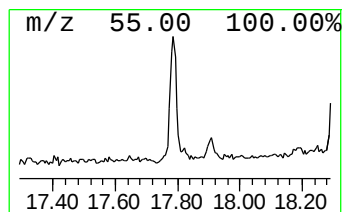
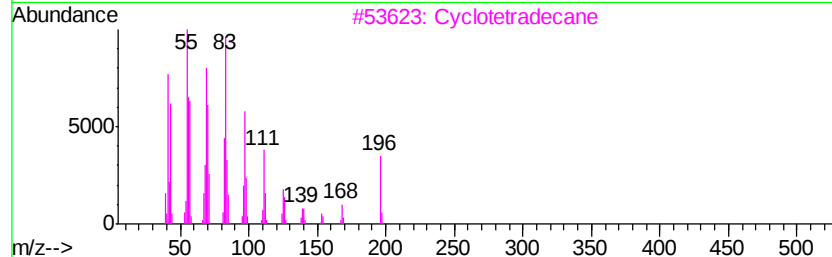
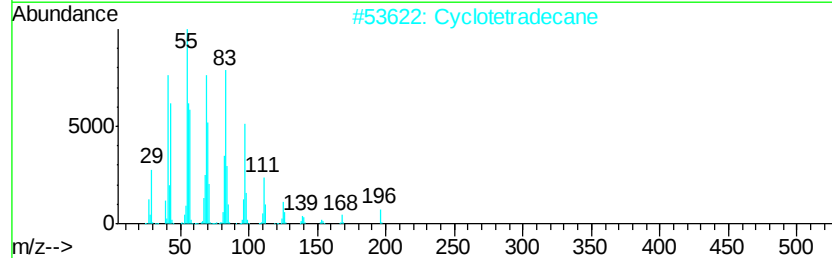
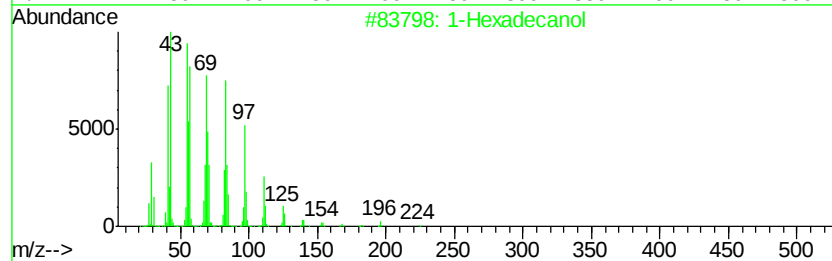
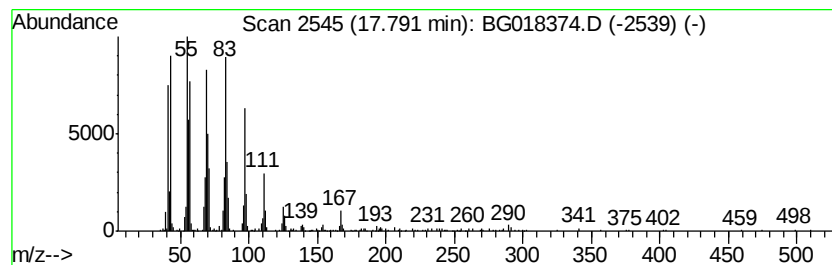
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Hexadecanol Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	5.70 ng/ul	551416	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexadecanol	242	C16H34O	036653-82-4	95
2		Cyclotetradecane	196	C14H28	000295-17-0	95
3		Cyclotetradecane	196	C14H28	000295-17-0	94
4		Cyclotetradecane	196	C14H28	000295-17-0	93
5		1-Tetradecene	196	C14H28	001120-36-1	92



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
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Instrument :
BNA_G
ClientSampleId :
C01Y2

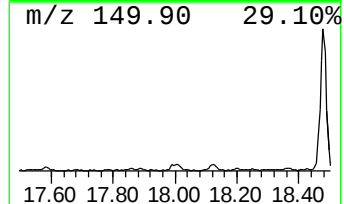
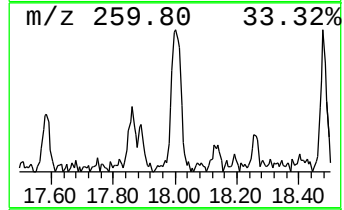
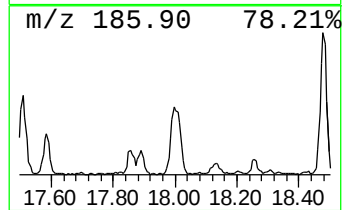
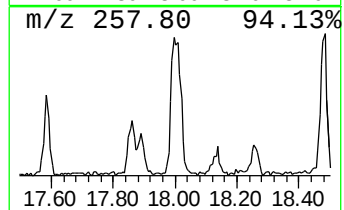
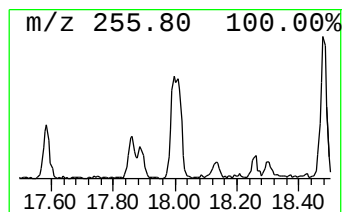
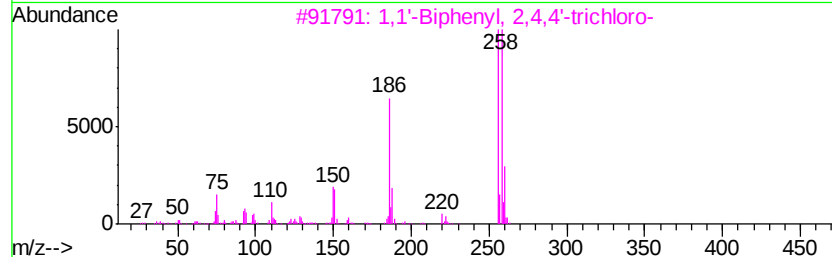
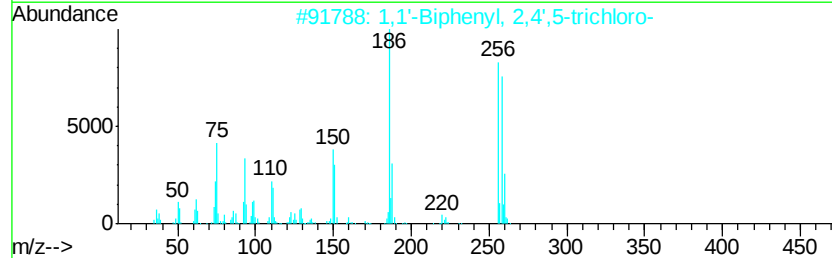
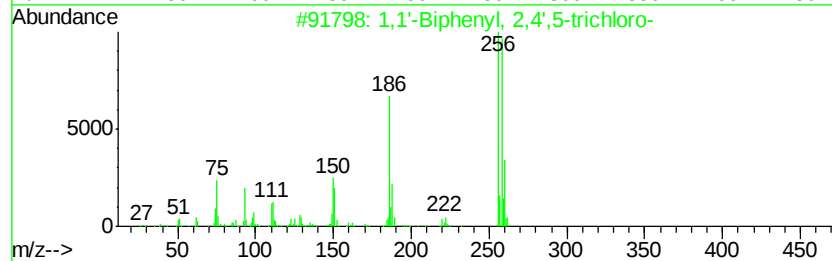
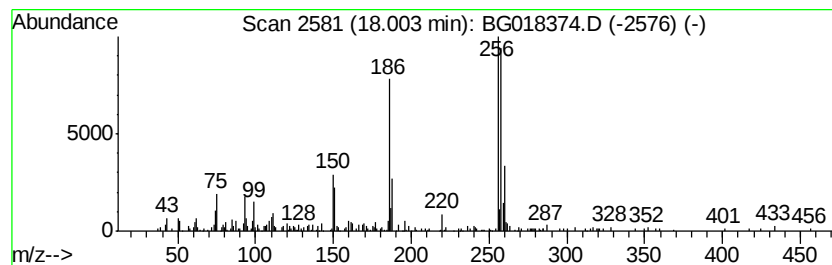
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,4',5-trich... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	2.71 ng/ul	262308	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
2		1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	96
3		1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	95
4		1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	95
5		1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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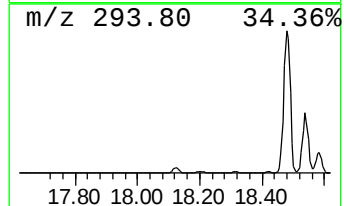
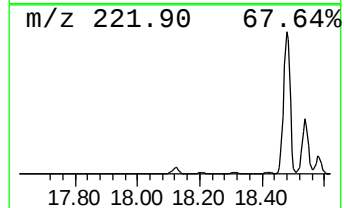
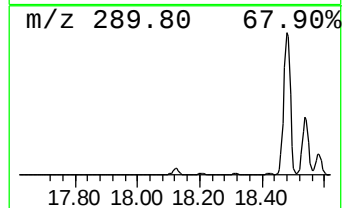
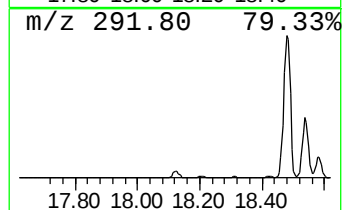
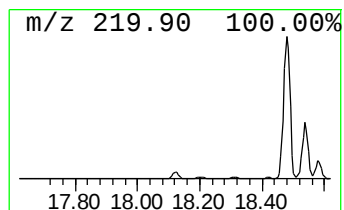
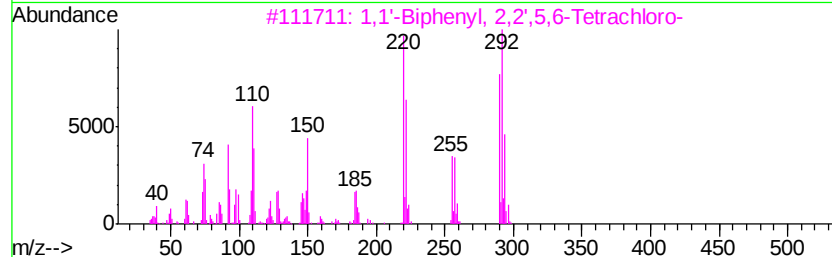
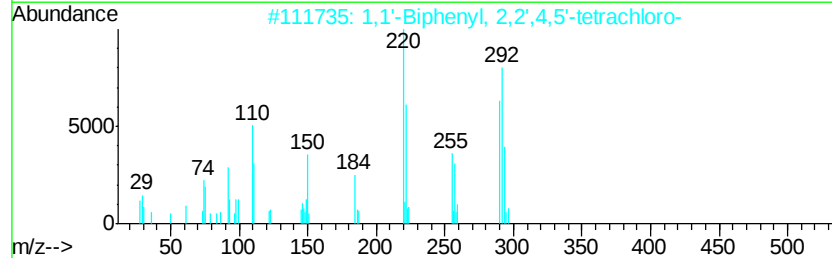
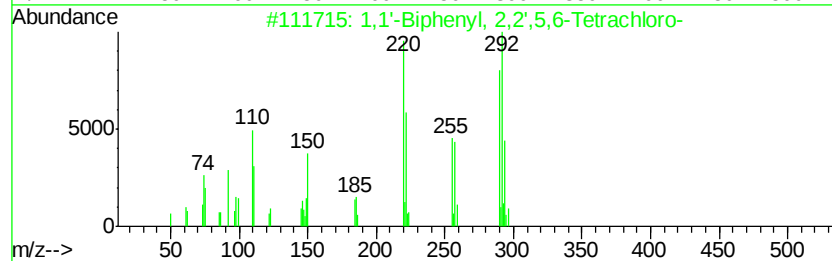
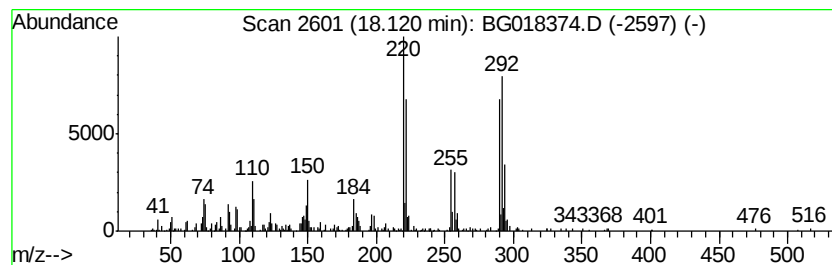
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,2',5,6-Tet... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.12	2.44 ng/ul	235756	Phenanthrene-d10	17.41

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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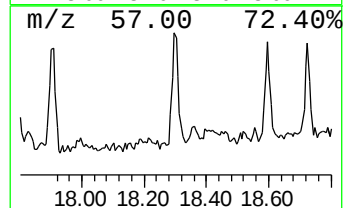
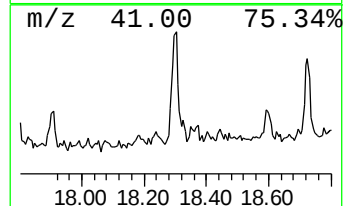
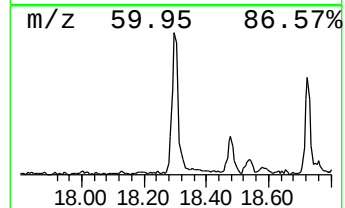
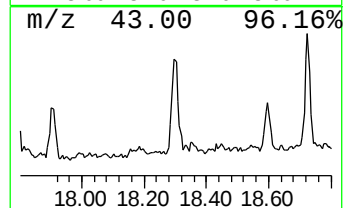
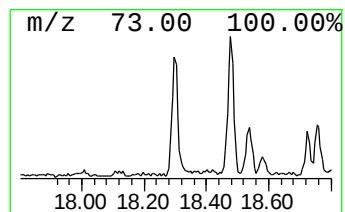
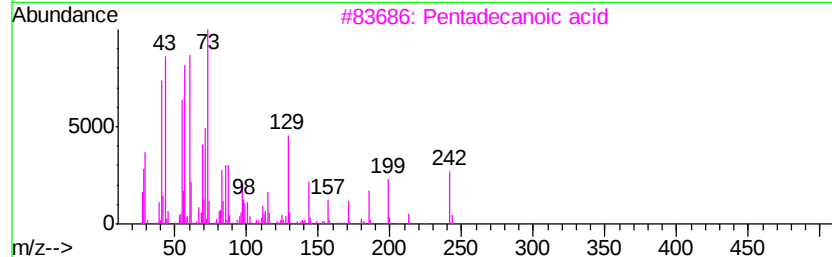
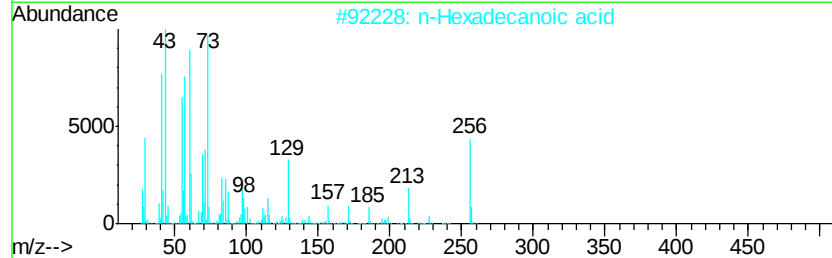
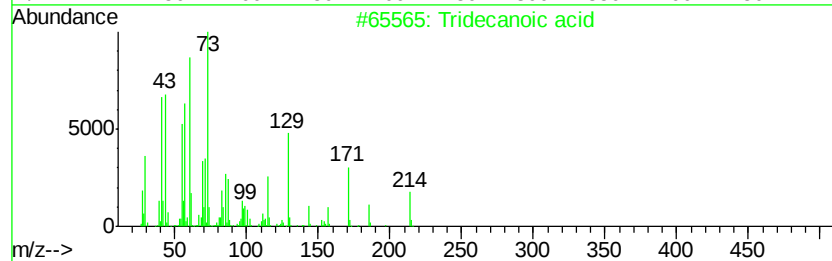
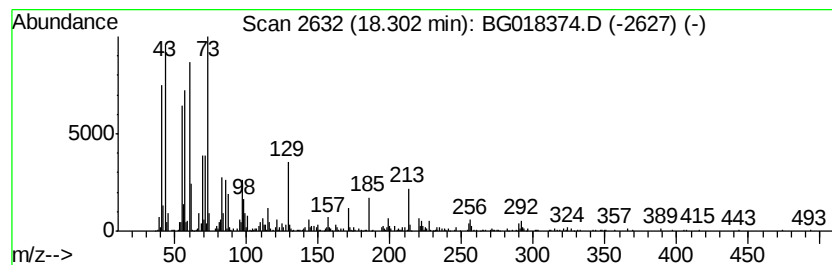
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Tridecanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	5.85 ng/ul	566024	Phenanthrene-d10	17.41

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tridecanoic acid	214	C13H26O2	000638-53-9	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72
5		Tridecanoic acid	214	C13H26O2	000638-53-9	68



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
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Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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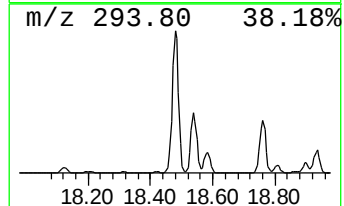
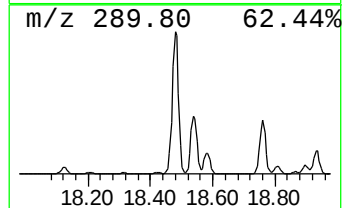
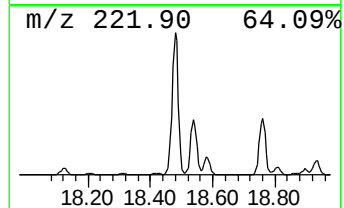
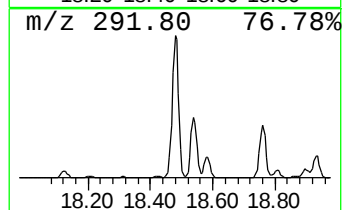
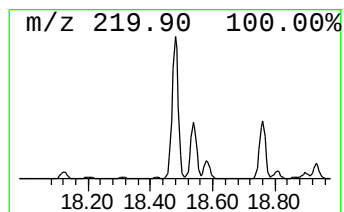
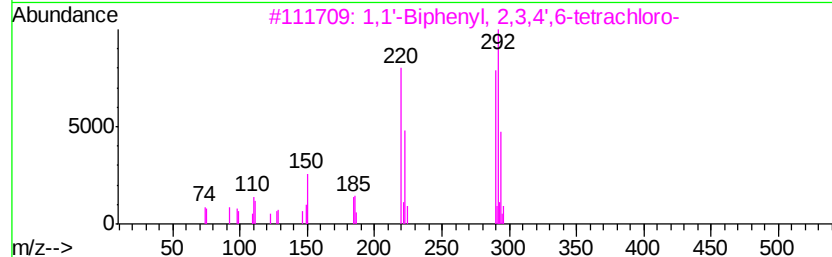
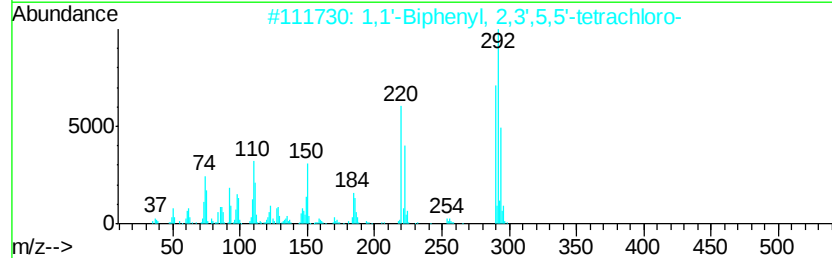
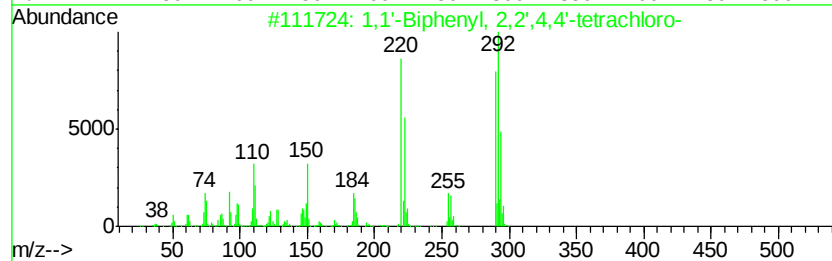
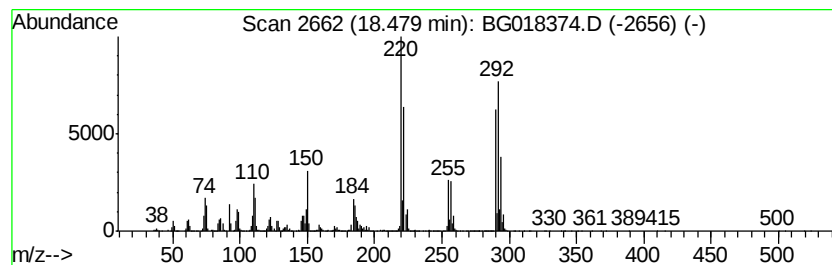
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	52.28 ng/ul	5059140	Phenanthrene-d10	17.41

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	99
3		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
4		1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
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Sample : G3154-02
Misc :
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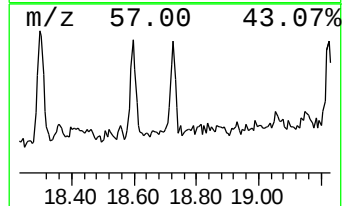
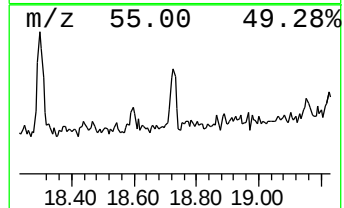
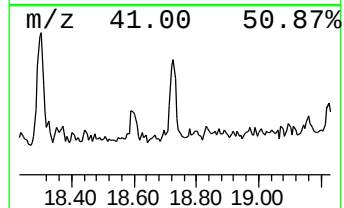
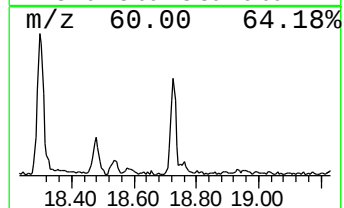
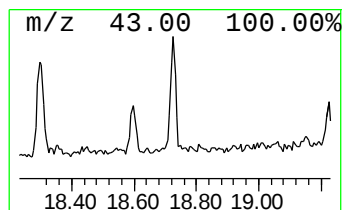
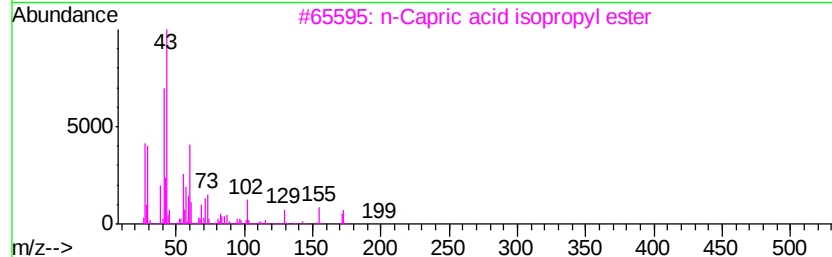
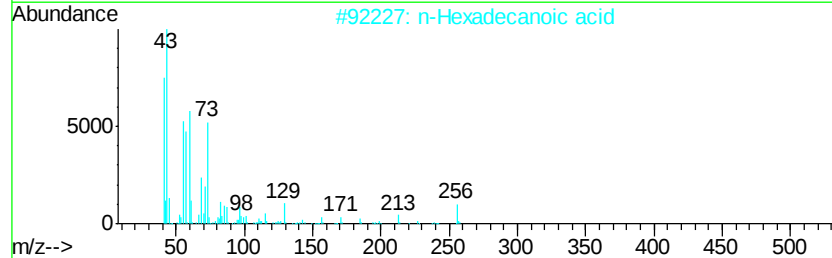
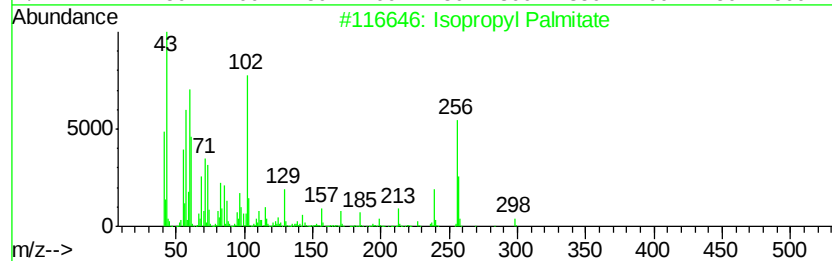
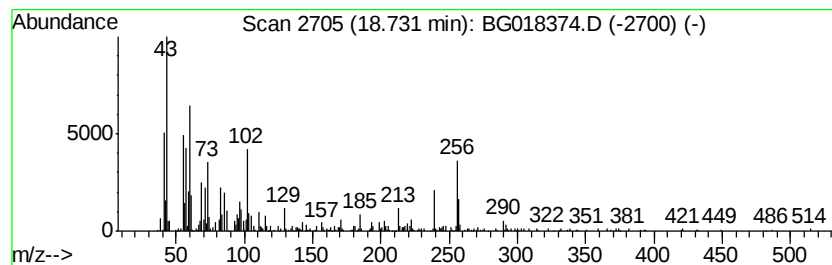
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Isopropyl Palmitate Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.93 ng/ul	283195	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Palmitate	298	C19H38O2	000142-91-6	80
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3		n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	46
4		Isopropyl Myristate	270	C17H34O2	000110-27-0	42
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
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Sample : G3154-02
Misc :
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ClientSampleId :
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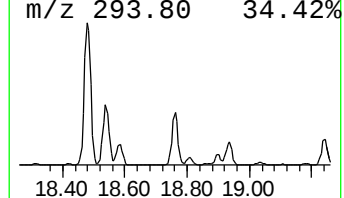
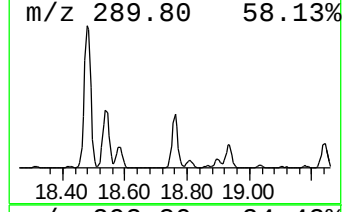
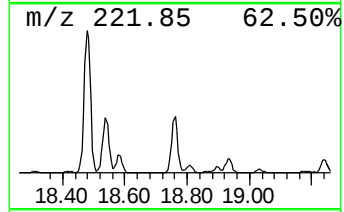
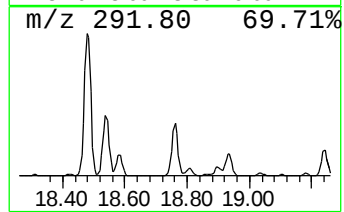
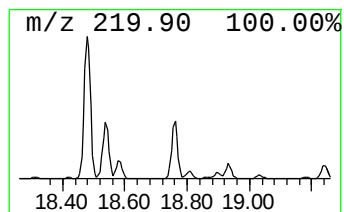
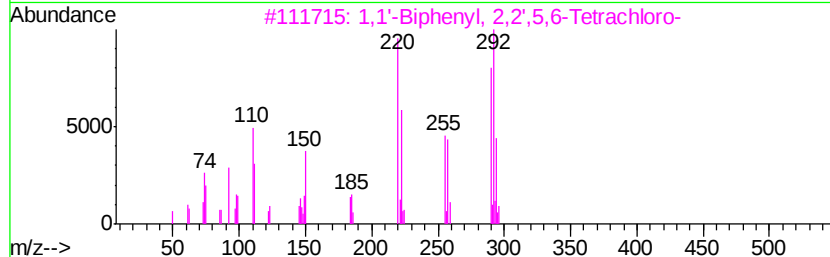
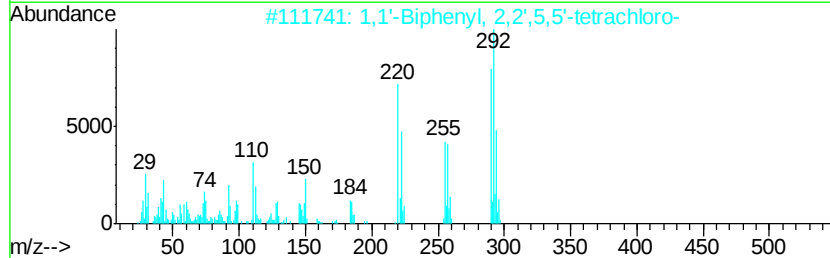
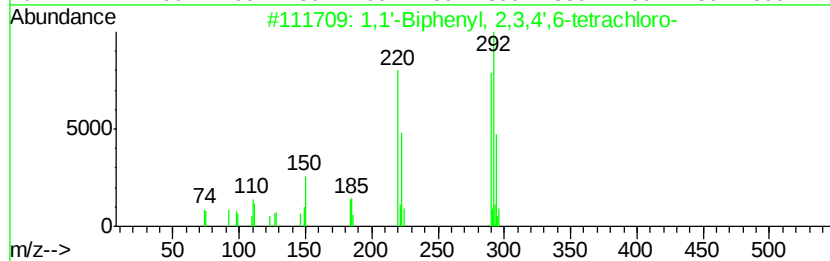
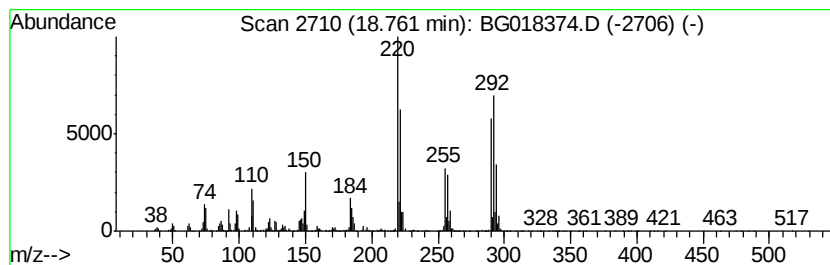
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	19.91 ng/ul	1926570	Phenanthrene-d10	17.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
3		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
4		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
5		1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

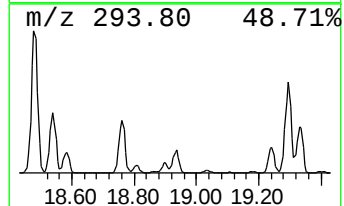
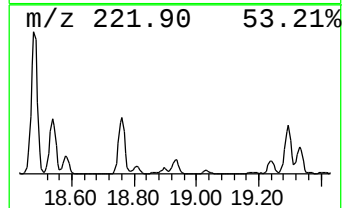
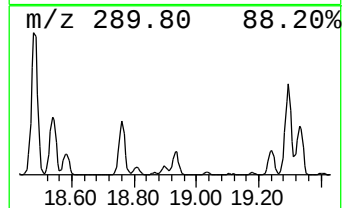
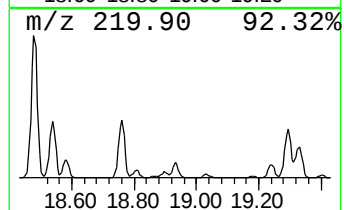
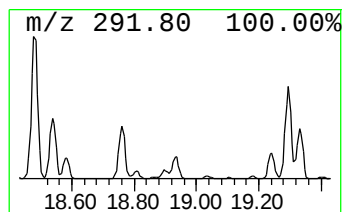
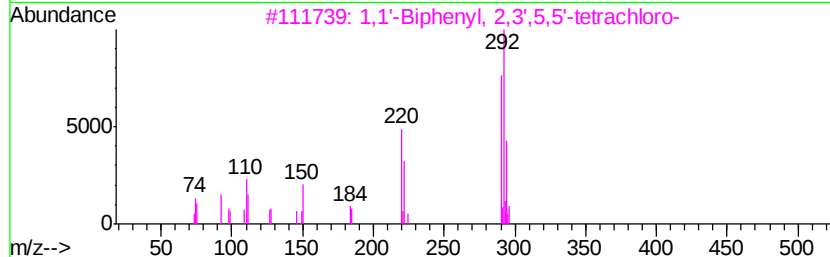
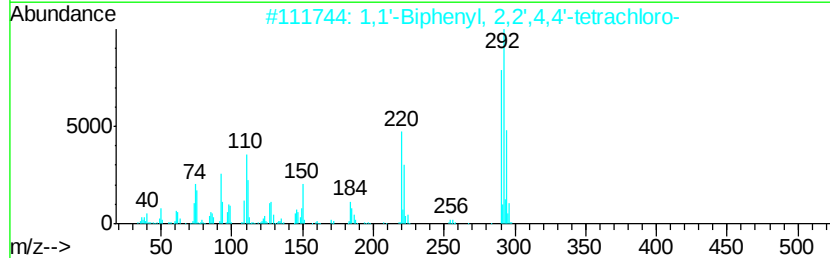
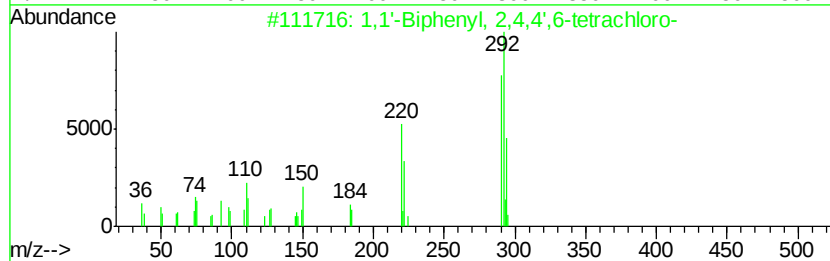
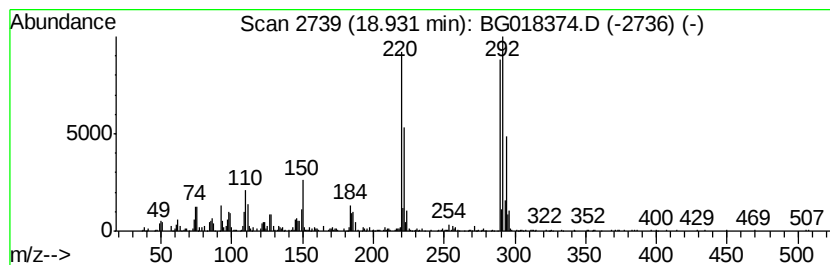
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,4,4',6-tet... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	5.04 ng/ul	487353	Phenanthrene-d10	17.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	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	98
4			1,1'-Biphenyl, 2,3',4',6-tetrach...	290	C12H6Cl4	041464-46-4	98
5			1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	98



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

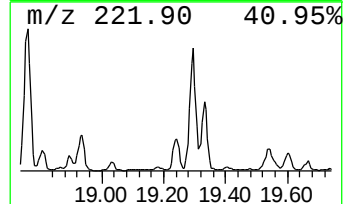
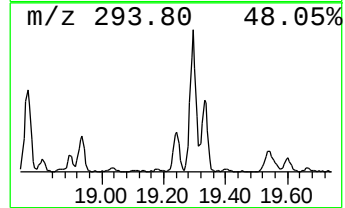
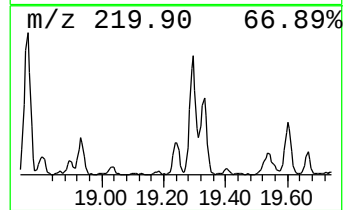
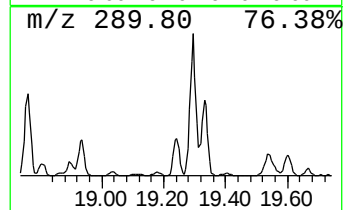
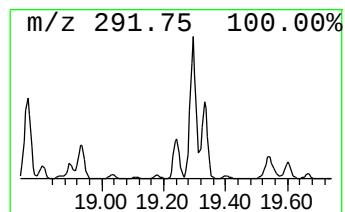
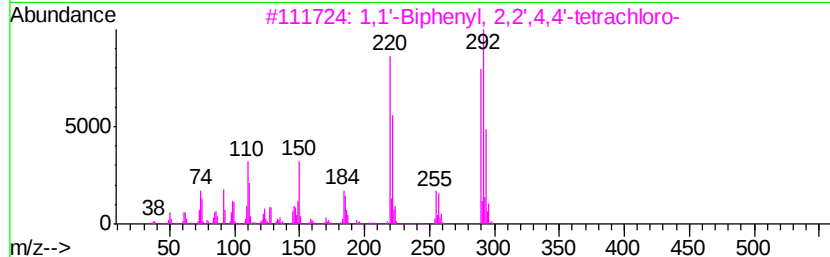
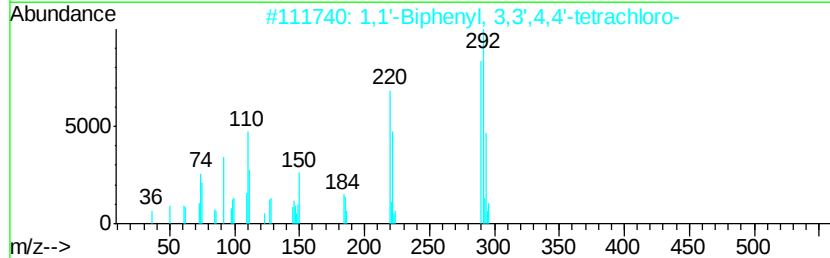
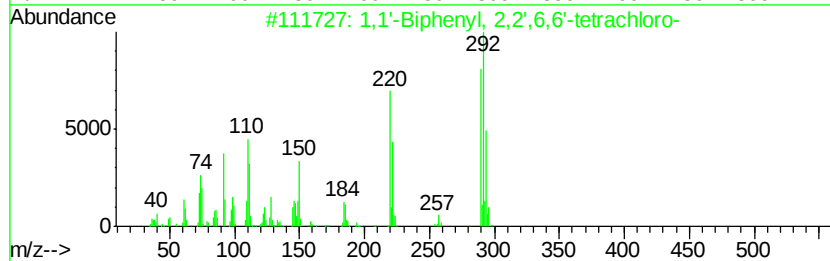
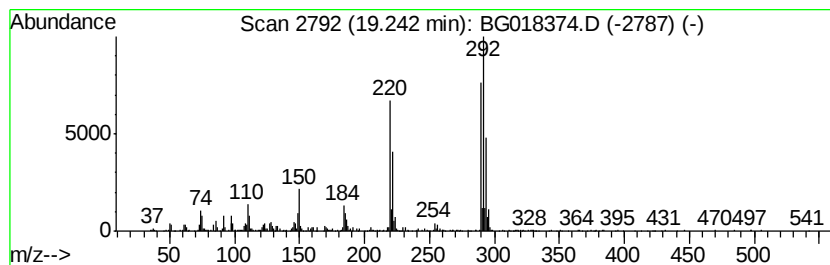
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.24	5.53 ng/ul	535410	Phenanthrene-d10	17.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	98
2			1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	97
3			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	96
4			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	96
5			1,1'-Biphenyl, 2,3',4,4'-tetrach...	290	C12H6Cl4	032598-10-0	96



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

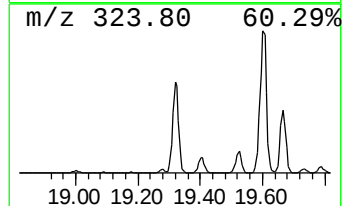
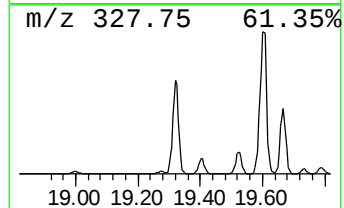
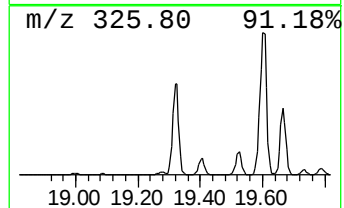
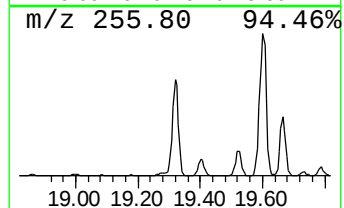
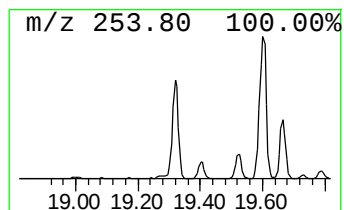
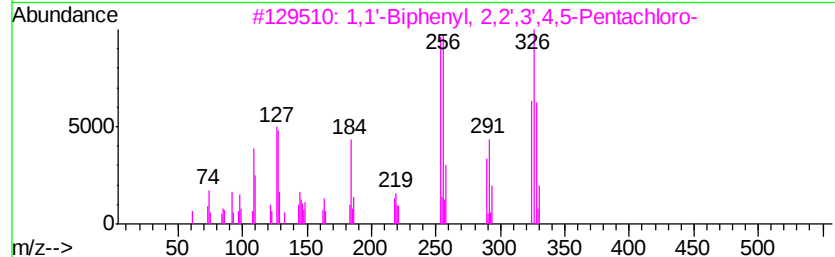
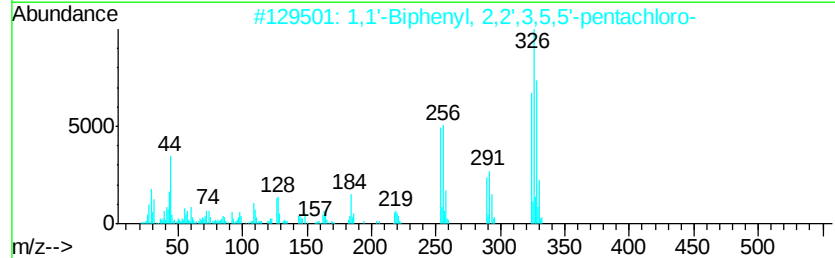
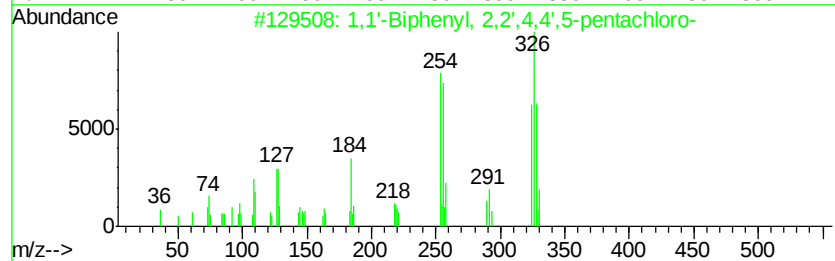
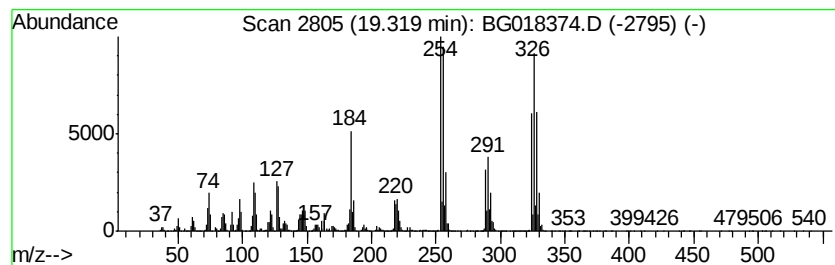
Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.32	87.08 ng/ul	8426110	Phenanthrene-d10	17.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
2	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
3	1,1'-Biphenyl,	2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
4	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
5	1,1'-Biphenyl,	2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	98



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

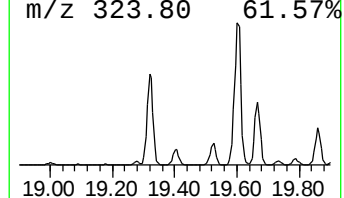
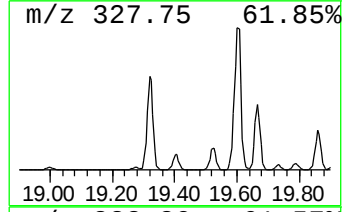
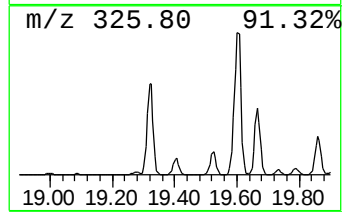
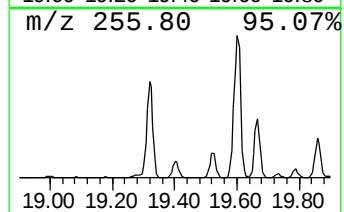
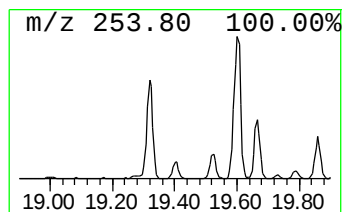
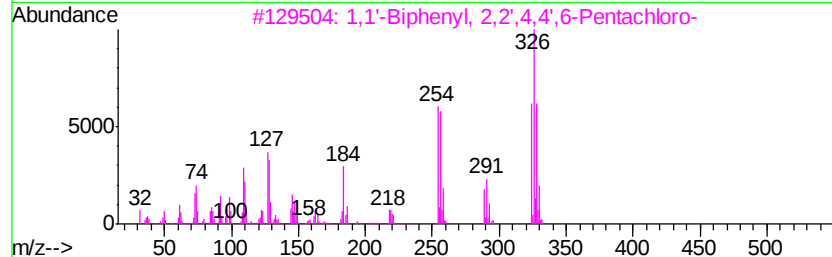
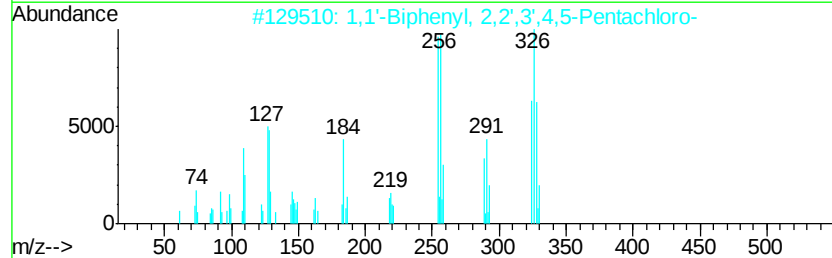
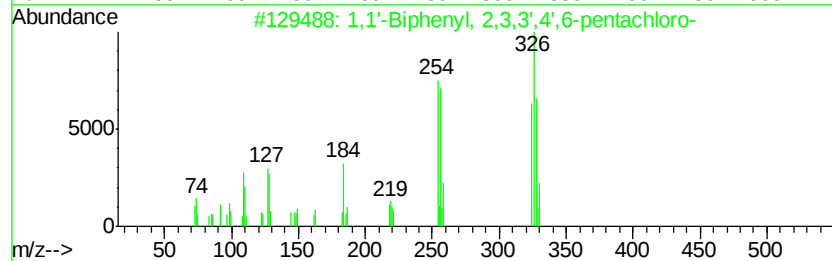
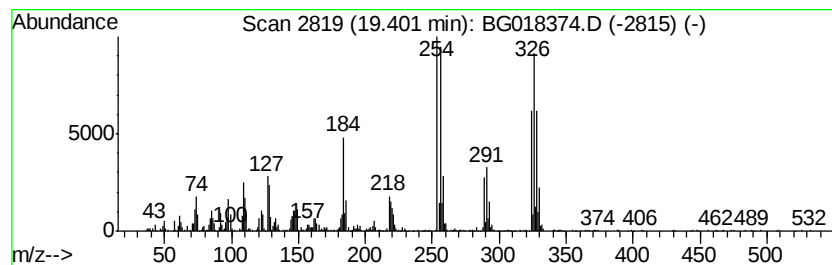
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.40	9.32 ng/ul	901413	Phenanthrene-d10	17.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
3	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	99
4	1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	99
5	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

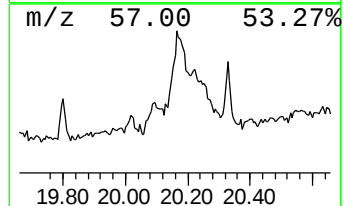
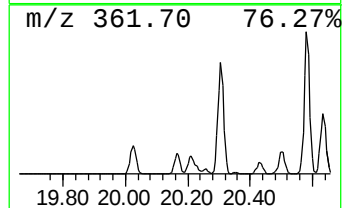
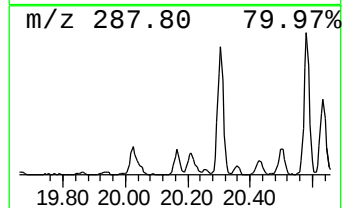
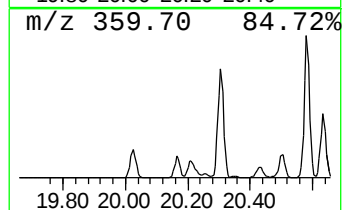
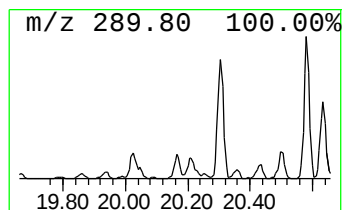
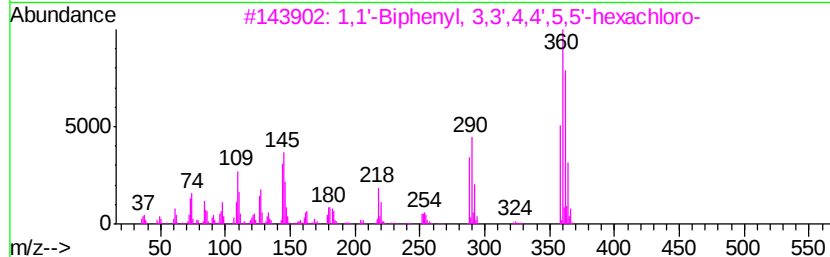
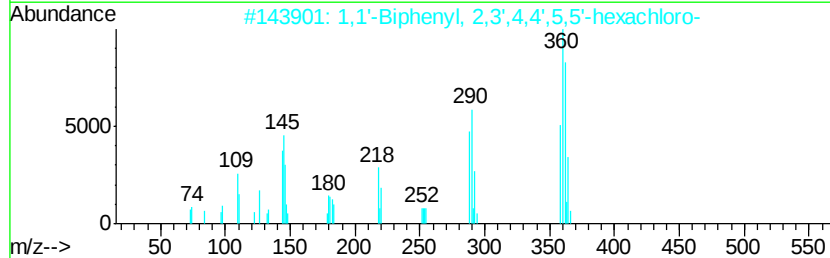
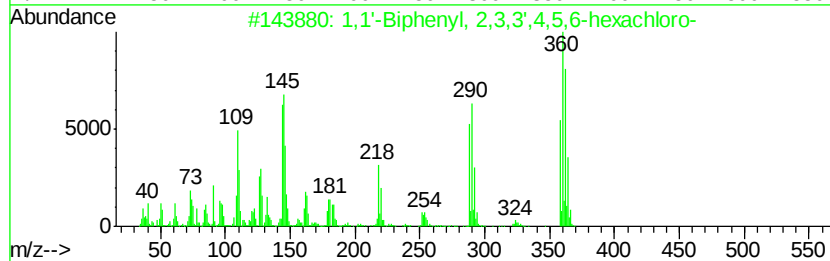
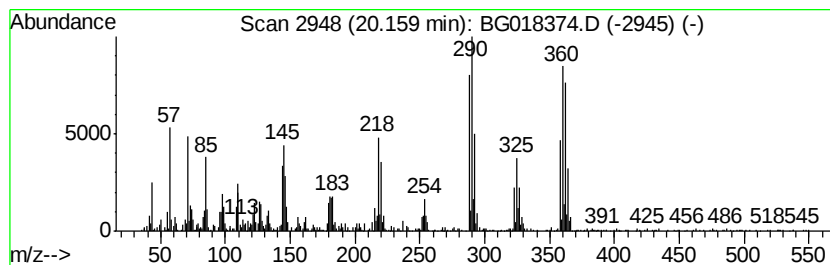
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.16	7.60 ng/ul	886430	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
3		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
5		1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

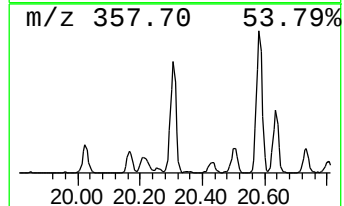
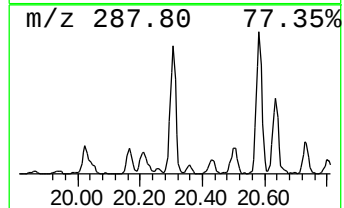
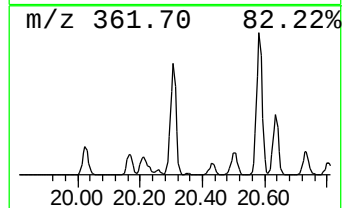
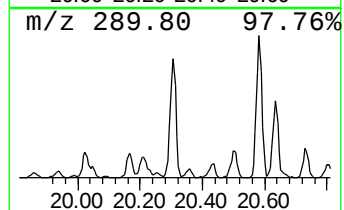
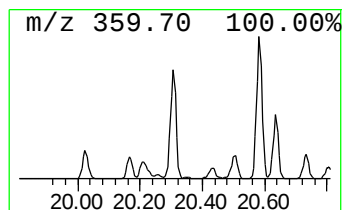
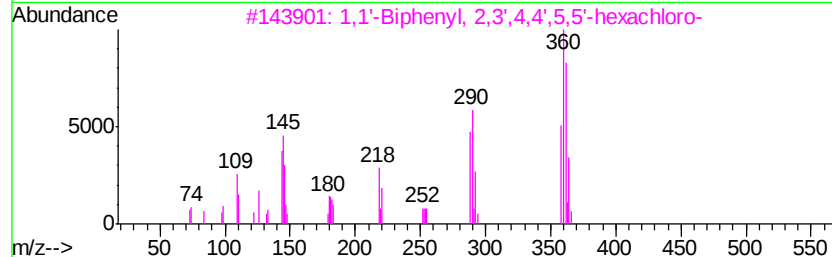
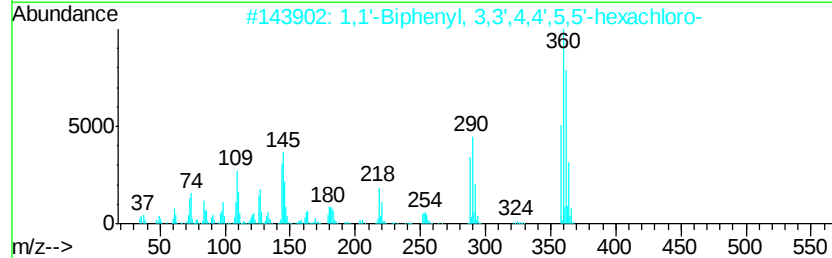
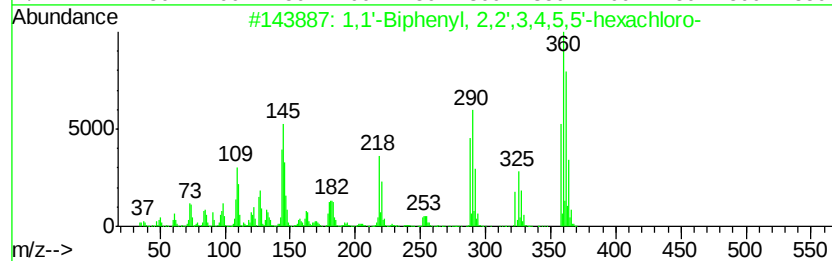
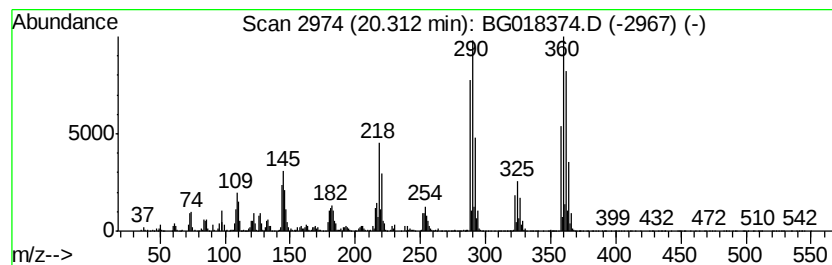
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.31	30.80 ng/ul	3593060	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C01Y2

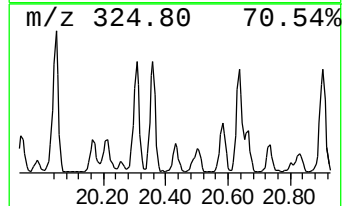
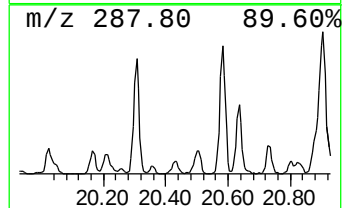
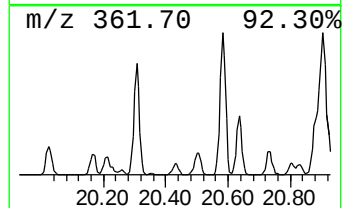
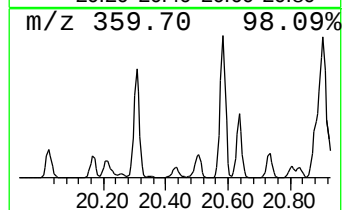
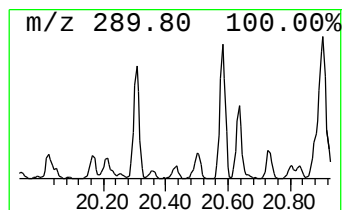
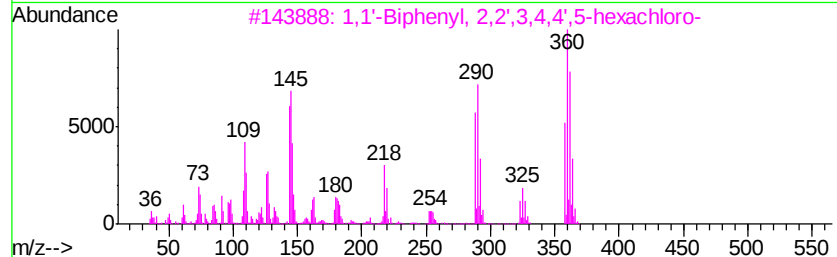
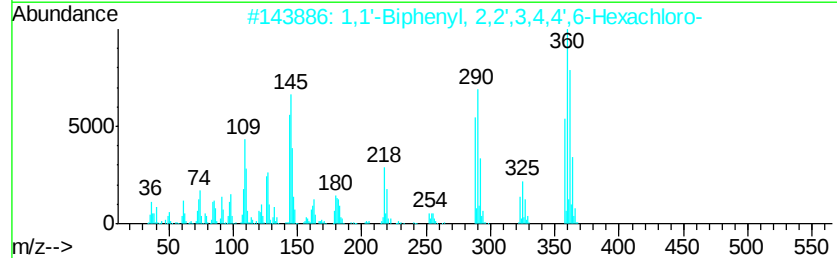
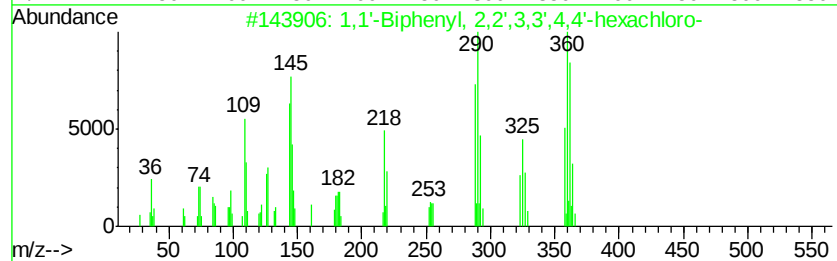
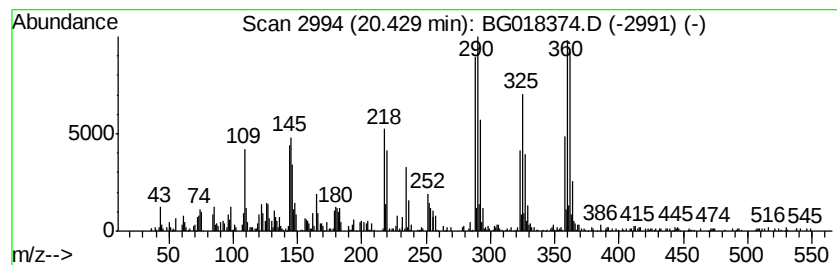
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1,1'-Biphenyl, 2,2',3,3',4,... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.64 ng/ul	308354	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
2		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	98
3		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	98
4		1,1'-Biphenyl, 2,2',3,3',4,5-hex...	358	C12H4Cl6	055215-18-4	98
5		1,1'-Biphenyl, 2,2',3,3',5,5'-He...	358	C12H4Cl6	035694-04-3	97



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

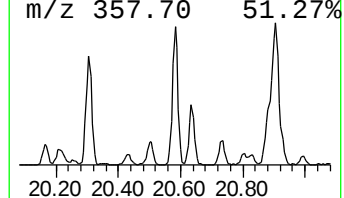
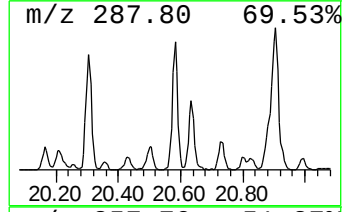
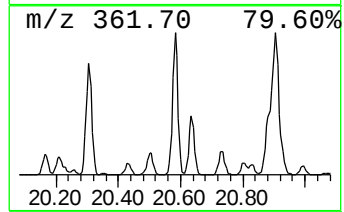
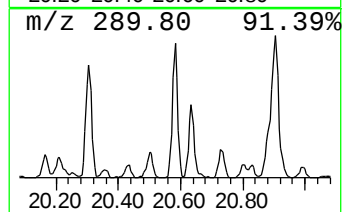
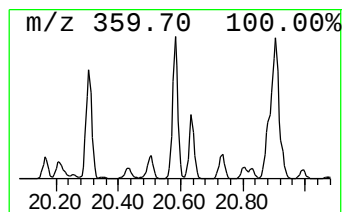
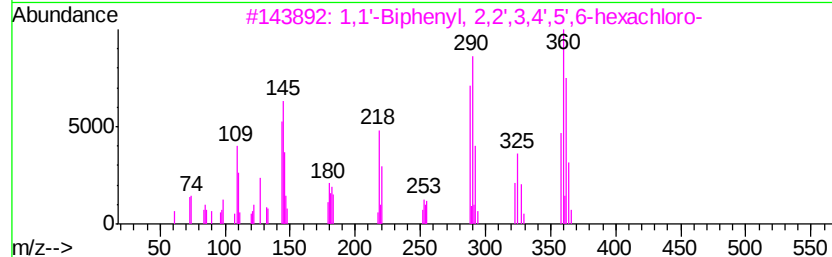
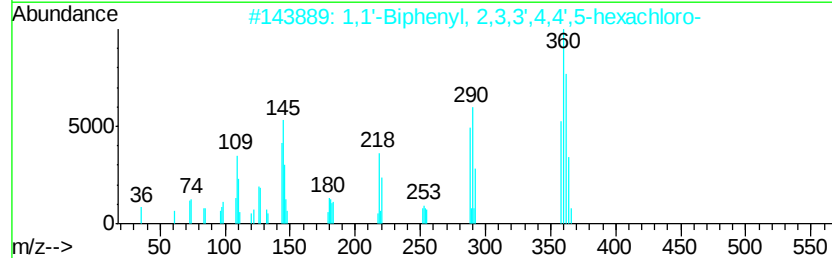
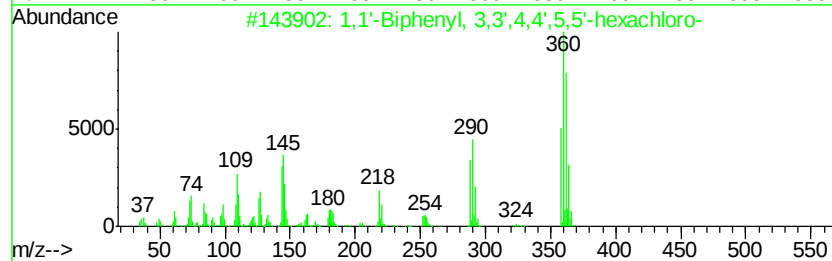
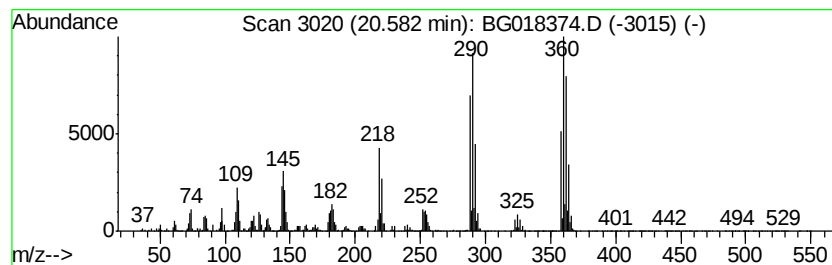
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.58	29.76 ng/ul	3472240	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',3,4',5',6-he...	358	C12H4Cl6	038380-04-0	96
4		1,1'-Biphenyl, 2,2',3,3',4,5'-he...	358	C12H4Cl6	052663-66-8	96
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

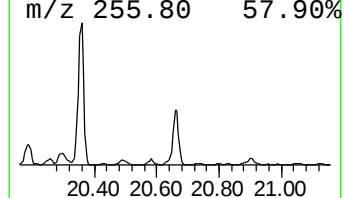
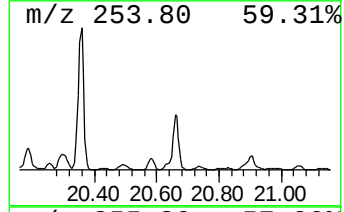
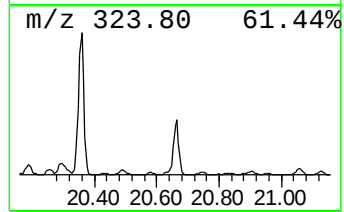
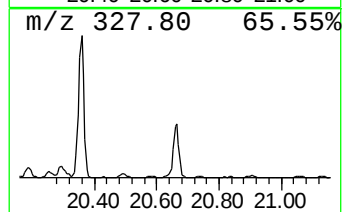
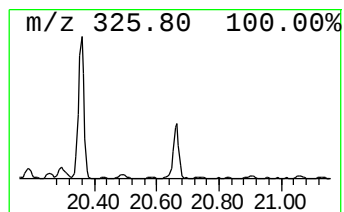
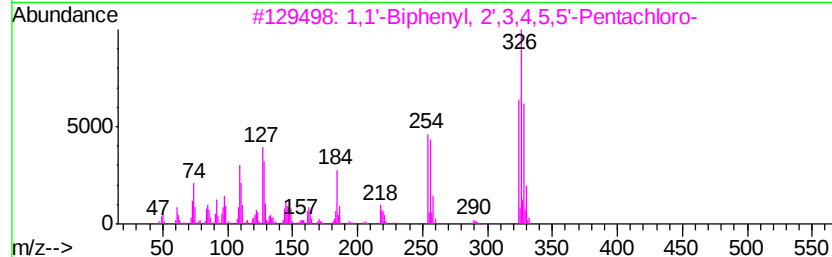
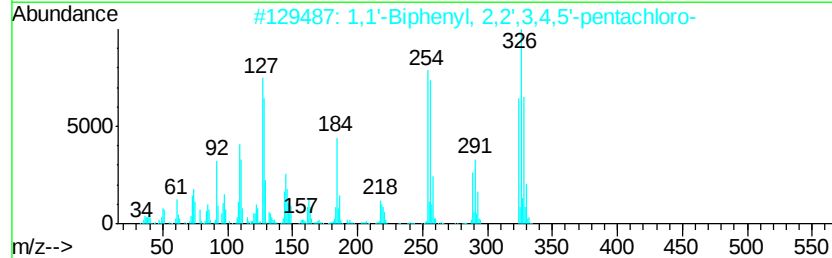
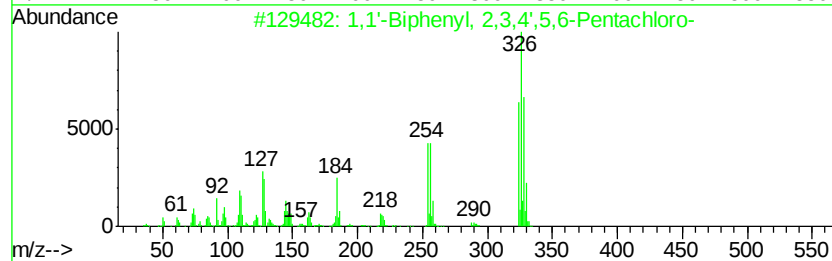
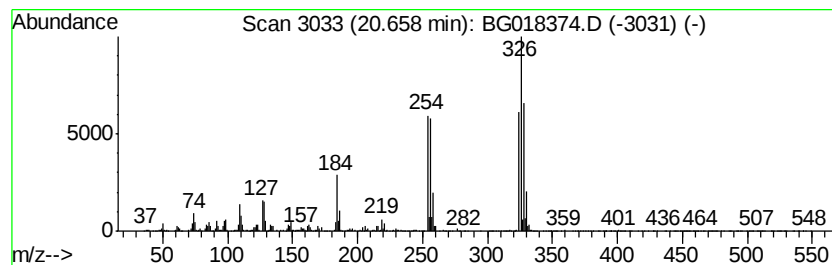
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 1,1'-Biphenyl, 2,3,4',5,6-P... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	16.40 ng/ul	1912840	Chrysene-d12	21.68

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	95
2		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	95
3		1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	95
4		1,1'-Biphenyl, 2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	95
5		1,1'-Biphenyl, 2,2',4,5',6-Penta...	324	C12H5Cl5	060145-21-3	95



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

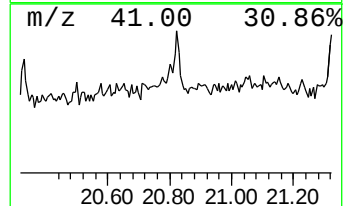
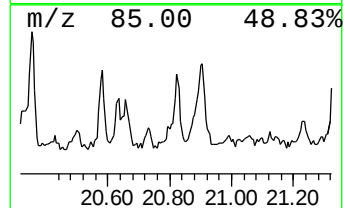
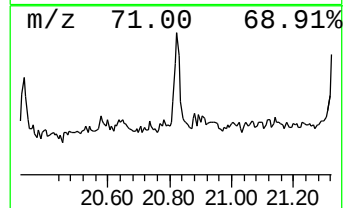
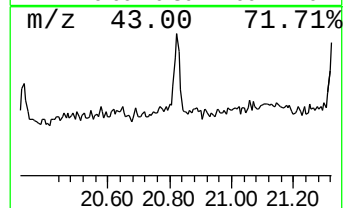
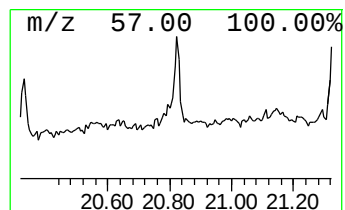
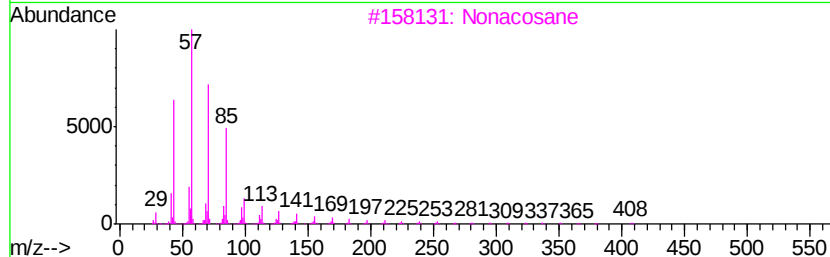
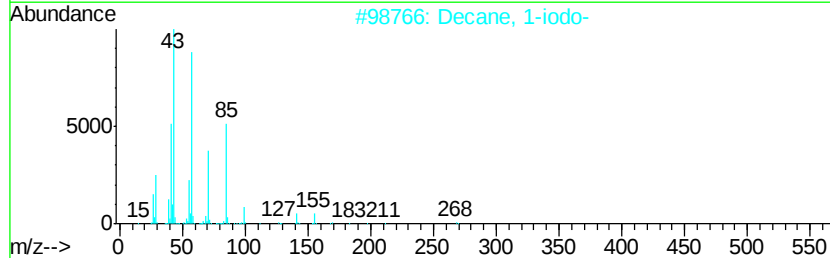
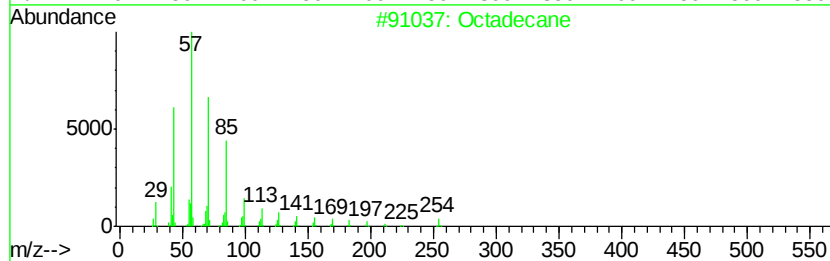
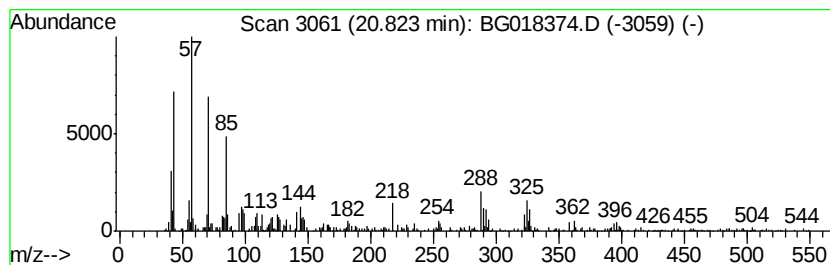
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.82	4.27 ng/ul	498321	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	46
2			Decane, 1-iodo-	268	C10H21I	002050-77-3	38
3			Nonacosane	408	C29H60	000630-03-5	38
4			Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38
5			Tetracosane, 11-decyl-	479	C34H70	055429-84-0	38



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

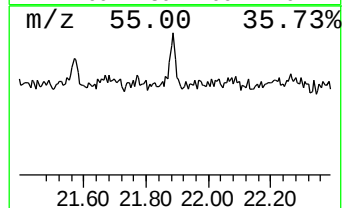
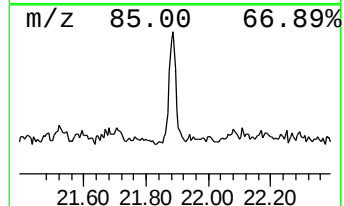
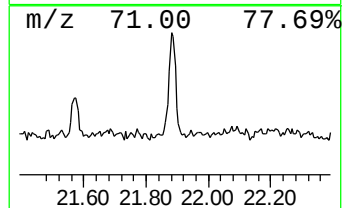
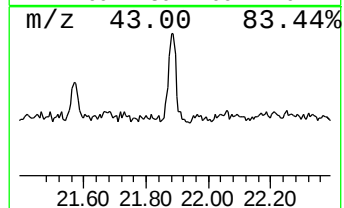
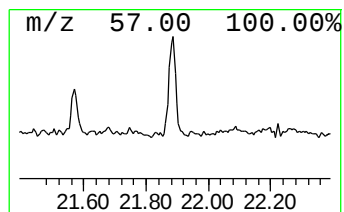
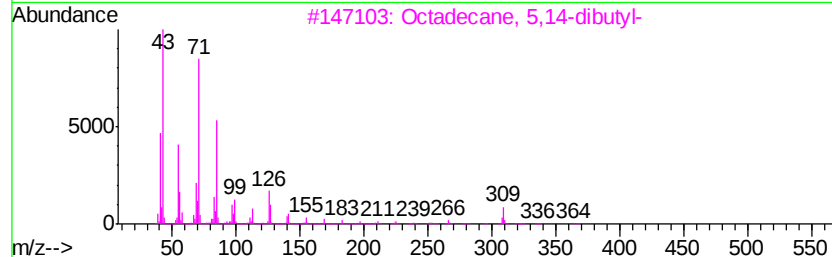
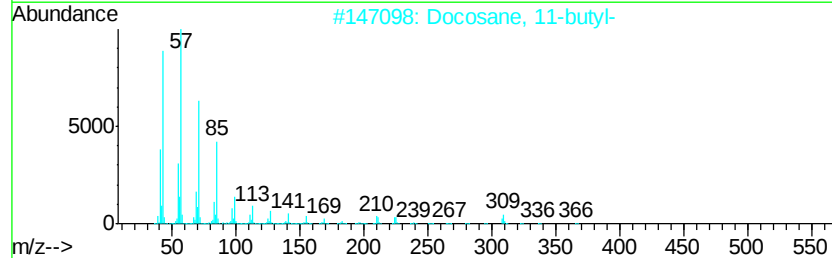
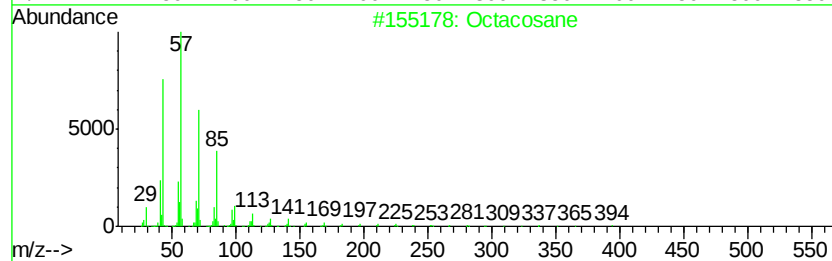
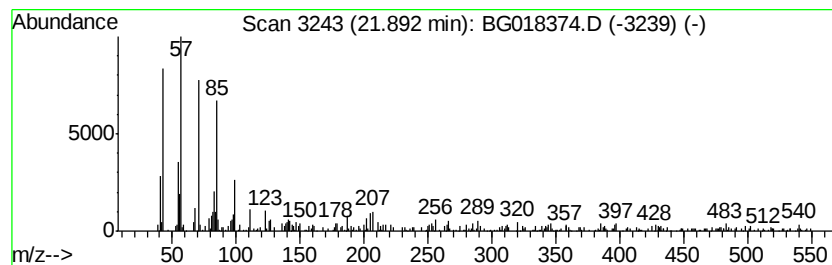
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	3.41 ng/ul	397544	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	89
2			Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3			Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	86
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5			Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
Data File : BG018374.D
Acq On : 11 Aug 2015 3:54
Operator : UM/MA
Sample : G3154-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C01Y2

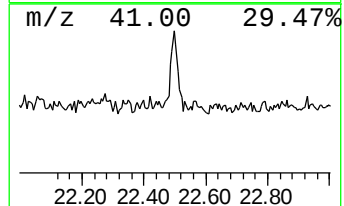
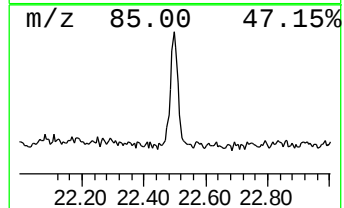
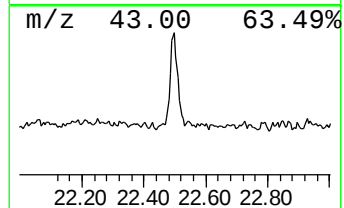
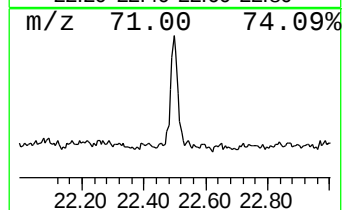
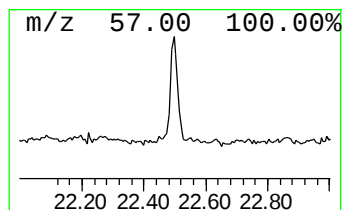
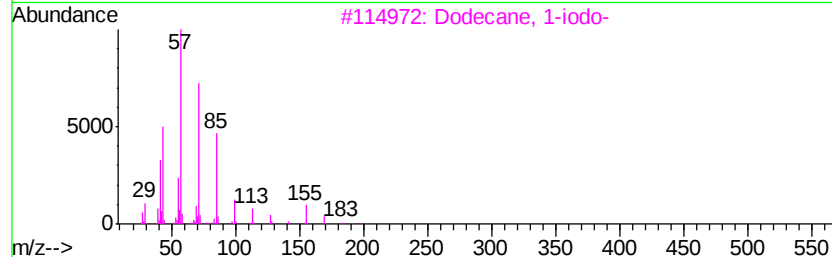
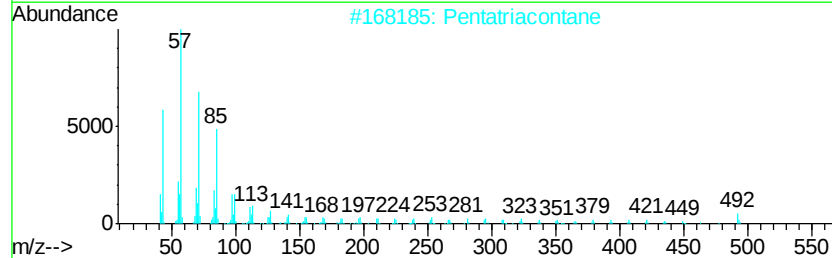
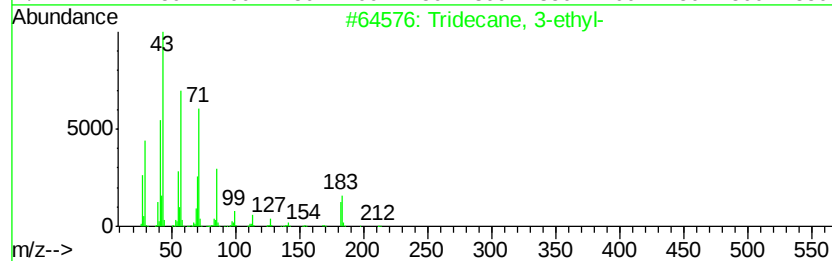
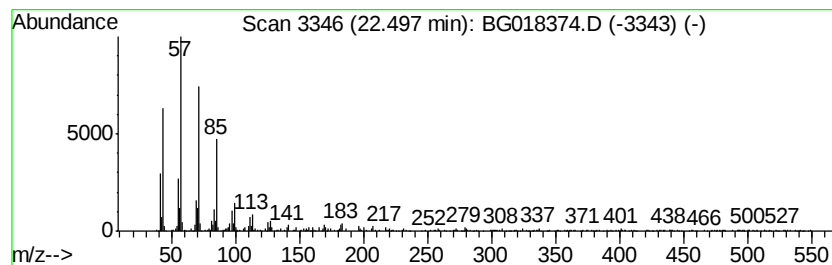
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	4.65 ng/ul	542208	Chrysene-d12	21.68

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 3-ethyl-	212	C15H32	013286-73-2	87
2			Pentatriacontane	493	C35H72	000630-07-9	87
3			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4			Pentadecane	212	C15H32	000629-62-9	80
5			Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081015\
 Data File : BG018374.D
 Acq On : 11 Aug 2015 3:54
 Operator : UM/MA
 Sample : G3154-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C01Y2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.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
2-Methylbutanoic ...	10.73	6.8	ng/ul	439091	2	10.85	1300410	20.0
unknown-01	11.32	27.4	ng/ul	1783220	2	10.85	1300410	20.0
2-Cyclohexen-1-ol...	11.77	72.6	ng/ul	4718050	2	10.85	1300410	20.0
1-Hexadecanol	17.79	5.7	ng/ul	551416	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	18.00	2.7	ng/ul	262308	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	18.12	2.4	ng/ul	235756	4	17.41	1935300	20.0
Tridecanoic acid	18.30	5.8	ng/ul	566024	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	18.48	52.3	ng/ul	5059140	4	17.41	1935300	20.0
Isopropyl Palmitate	18.73	2.9	ng/ul	283195	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	18.76	19.9	ng/ul	1926570	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	18.93	5.0	ng/ul	487353	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	19.24	5.5	ng/ul	535410	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	19.32	87.1	ng/ul	8426110	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	19.40	9.3	ng/ul	901413	4	17.41	1935300	20.0
1,1'-Biphenyl, 2,...	20.16	7.6	ng/ul	886430	5	21.68	2333390	20.0
1,1'-Biphenyl, 2,...	20.31	30.8	ng/ul	3593060	5	21.68	2333390	20.0
1,1'-Biphenyl, 2,...	20.43	2.6	ng/ul	308354	5	21.68	2333390	20.0
1,1'-Biphenyl, 3,...	20.58	29.8	ng/ul	3472240	5	21.68	2333390	20.0
1,1'-Biphenyl, 2,...	20.66	16.4	ng/ul	1912840	5	21.68	2333390	20.0
(DEL) Alkane: Str...	20.82	4.3	ng/ul	498321	5	21.68	2333390	20.0
(DEL) Alkane: Str...	21.89	3.4	ng/ul	397544	5	21.68	2333390	20.0
(DEL) Alkane: Str...	22.50	4.7	ng/ul	542208	5	21.68	2333390	20.0