

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001454.D
 Acq On : 29 May 2015 21:32
 Operator : TP/IZ
 Sample : G2411-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB5

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_M\METHODS\SOM02.2-EPA-BM052915.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	6.581	656	662	672	rBV	616701	929731	16.56%	0.773%
2	6.728	681	687	697	rBV	460612	682245	12.15%	0.567%
3	6.916	712	719	729	rVB	635263	949323	16.91%	0.790%
4	7.381	792	798	806	rBV	628008	935267	16.66%	0.778%
5	8.116	916	923	933	rBV	728162	1131848	20.16%	0.941%
6	8.539	988	995	1006	rBV	588913	915167	16.30%	0.761%
7	9.263	1111	1118	1124	rBV	513247	831280	14.81%	0.691%
8	9.798	1202	1209	1219	rBV	779850	1282376	22.84%	1.067%
9	10.163	1264	1271	1278	rBV	876243	1378489	24.55%	1.147%
10	10.316	1291	1297	1311	rBV	241548	471203	8.39%	0.392%
11	13.486	1831	1836	1840	rVV	1291540	1736340	30.93%	1.444%
12	13.533	1840	1844	1855	rVV	701940	972734	17.32%	0.809%
13	13.751	1874	1881	1894	rVV	1588073	2382279	42.43%	1.982%
14	14.069	1928	1935	1942	rVV2	1258970	1836142	32.70%	1.527%
15	14.304	1964	1975	1988	rBV	624072	924774	16.47%	0.769%
16	15.068	2099	2105	2111	rBV	2079199	2791951	49.73%	2.322%
17	15.204	2123	2128	2134	rBV	629868	818219	14.57%	0.681%
18	15.810	2226	2231	2241	rVV	85617	155586	2.77%	0.129%
19	16.604	2361	2366	2369	rBV2	112587	144485	2.57%	0.120%
20	16.821	2396	2403	2407	rBV	1479465	2055146	36.60%	1.709%
21	16.862	2407	2410	2412	rVV	256322	337413	6.01%	0.281%
22	16.915	2414	2419	2431	rVB2	2060309	2973763	52.96%	2.473%
23	17.221	2462	2471	2479	rBV6	82646	217063	3.87%	0.181%
24	17.427	2499	2506	2511	rVB	401926	616004	10.97%	0.512%
25	17.621	2533	2539	2544	rBV2	113731	189222	3.37%	0.157%
26	17.680	2544	2549	2554	rVV3	348408	544428	9.70%	0.453%
27	17.739	2554	2559	2579	rVV	1244493	1949672	34.72%	1.622%
28	17.898	2579	2586	2592	rVV2	737254	1051410	18.73%	0.875%
29	17.956	2592	2596	2600	rVV	227141	287938	5.13%	0.239%
30	17.998	2600	2603	2606	rVV2	112455	146090	2.60%	0.122%
31	18.180	2628	2634	2640	rBV4	213301	398546	7.10%	0.331%
32	18.233	2640	2643	2648	rVB2	102159	143815	2.56%	0.120%
33	18.286	2648	2652	2656	rBV2	114913	158192	2.82%	0.132%
34	18.362	2661	2665	2671	rVB	196805	250635	4.46%	0.208%

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35	18.621	2703	2709	2714	rBV5	83200	167217	2.98%	0.139%
36	18.674	2714	2718	2723	rBV2	398348	544454	9.70%	0.453%
37	18.727	2723	2727	2729	rBV	545587	706749	12.59%	0.588%
38	18.756	2729	2732	2742	rVB3	1301103	2087579	37.18%	1.736%
39	18.845	2742	2747	2750	rBV2	170002	235315	4.19%	0.196%
40	18.886	2750	2754	2761	rBV	753766	1206922	21.50%	1.004%
41	18.968	2764	2768	2772	rBV3	383236	564969	10.06%	0.470%
42	19.045	2776	2781	2787	rVB2	2383545	3368871	60.00%	2.802%
43	19.109	2787	2792	2801	rVB	814575	995847	17.74%	0.828%
44	19.227	2806	2812	2815	rBV	2260691	3183772	56.70%	2.648%
45	19.309	2821	2826	2831	rVB2	559536	722643	12.87%	0.601%
46	19.386	2831	2839	2844	rBV	946878	1164734	20.74%	0.969%
47	19.439	2844	2848	2851	rBV	341083	409101	7.29%	0.340%
48	19.498	2851	2858	2862	rBV	2186916	2797539	49.83%	2.327%
49	19.539	2862	2865	2869	rVB3	134547	182778	3.26%	0.152%
50	19.621	2869	2879	2884	rBV6	247482	570772	10.17%	0.475%
51	19.662	2884	2886	2891	rVB2	185822	239597	4.27%	0.199%
52	19.715	2891	2895	2898	rBV3	158452	173785	3.10%	0.145%
53	19.762	2898	2903	2907	rBV3	1376020	1796302	31.99%	1.494%
54	19.815	2907	2912	2916	rVB	2478223	2978717	53.05%	2.478%
55	19.886	2921	2924	2927	rBV2	134134	152868	2.72%	0.127%
56	19.962	2931	2937	2946	rVB3	295500	490601	8.74%	0.408%
57	20.045	2946	2951	2955	rBV	1521754	1908952	34.00%	1.588%
58	20.092	2955	2959	2961	rBV2	832956	1043711	18.59%	0.868%
59	20.121	2961	2964	2970	rVB	1204423	1440831	25.66%	1.198%
60	20.192	2971	2976	2981	rVB5	374936	540688	9.63%	0.450%
61	20.286	2990	2992	2996	rVB2	228137	274605	4.89%	0.228%
62	20.356	2996	3004	3012	rBV	2170862	3386256	60.31%	2.817%
63	20.503	3026	3029	3037	rVB2	213182	326383	5.81%	0.271%
64	20.662	3051	3056	3061	rBV2	766960	951758	16.95%	0.792%
65	20.756	3067	3072	3078	rBV	2101523	2778612	49.49%	2.311%
66	20.827	3082	3084	3089	rVB3	160004	204727	3.65%	0.170%
67	20.915	3095	3099	3103	rVV	291986	324571	5.78%	0.270%
68	20.962	3103	3107	3111	rVB	515760	537464	9.57%	0.447%
69	21.027	3112	3118	3121	rBV	1579428	2127858	37.90%	1.770%
70	21.062	3121	3124	3136	rVB	914620	1147971	20.45%	0.955%
71	21.197	3144	3147	3151	rVB2	186028	211529	3.77%	0.176%

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72	21.368	3172	3176	3182	rVB2	298782	389874	6.94%	0.324%
73	21.492	3193	3197	3200	rBV2	162945	237913	4.24%	0.198%
74	21.627	3213	3220	3229	rBV3	872868	1804287	32.14%	1.501%
75	21.921	3266	3270	3282	rBV4	252236	670254	11.94%	0.557%
76	22.039	3286	3290	3293	rVB	244759	337434	6.01%	0.281%
77	22.150	3306	3309	3316	rVB	244705	363926	6.48%	0.303%
78	22.250	3321	3326	3335	rVB	762838	1028835	18.32%	0.856%
79	22.503	3363	3369	3372	rBV	1919582	2868119	51.08%	2.386%
80	22.544	3372	3376	3386	rVB	3672208	5482150	97.64%	4.560%
81	22.939	3439	3443	3445	rBV	119800	172661	3.08%	0.144%
82	22.986	3445	3451	3463	rVB2	1514545	3252377	57.93%	2.705%
83	23.115	3467	3473	3479	rBV	1041126	1800091	32.06%	1.497%
84	23.262	3494	3498	3501	rBV2	133303	233640	4.16%	0.194%
85	23.297	3501	3504	3511	rVB	314535	510761	9.10%	0.425%
86	23.597	3548	3555	3564	rVV	3050403	5614631	100.00%	4.670%
87	23.680	3564	3569	3579	rVV	613802	1158206	20.63%	0.963%
88	23.774	3582	3585	3597	rVB4	148176	294460	5.24%	0.245%
89	23.933	3607	3612	3619	rVB3	288335	597722	10.65%	0.497%
90	24.274	3664	3670	3677	rBV	283068	585462	10.43%	0.487%
91	24.674	3732	3738	3746	rVB2	326322	744784	13.27%	0.619%
92	25.050	3794	3802	3808	rBV2	1144654	3037019	54.09%	2.526%
93	25.185	3819	3825	3837	rVB4	425480	1202989	21.43%	1.001%
94	25.315	3839	3847	3866	rVB6	771284	2778630	49.49%	2.311%
95	25.515	3874	3881	3886	rBV2	414282	1062368	18.92%	0.884%
96	25.585	3886	3893	3904	rVB3	696135	1917642	34.15%	1.595%
97	25.880	3934	3943	3952	rBV2	1140006	3237017	57.65%	2.692%
98	27.038	4133	4140	4151	rBV4	230193	674113	12.01%	0.561%
99	27.291	4172	4183	4197	rVB7	608926	2511817	44.74%	2.089%
100	27.432	4201	4207	4224	rVB4	301086	1120977	19.97%	0.932%

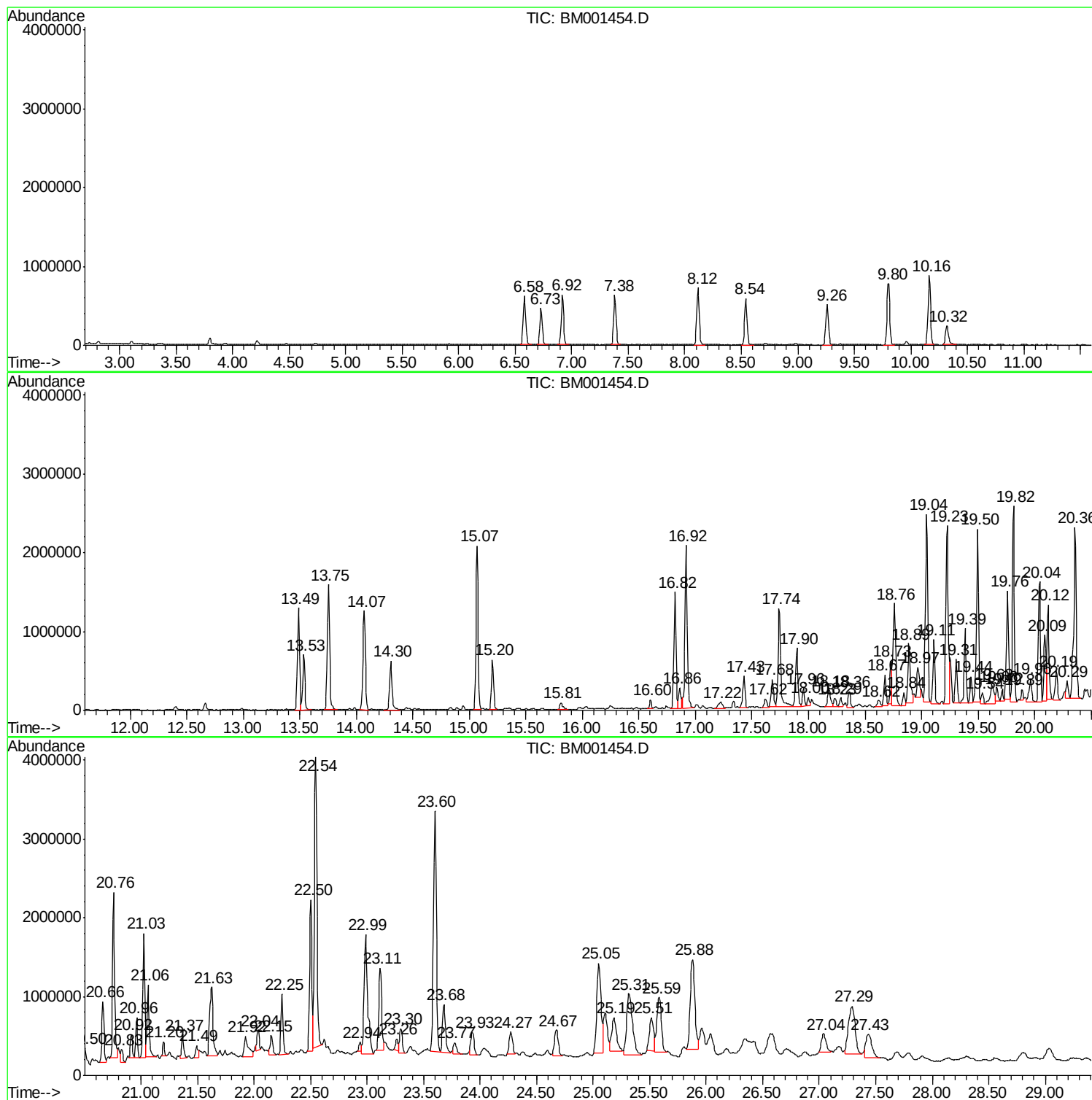
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Instrument :
BNA_M
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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



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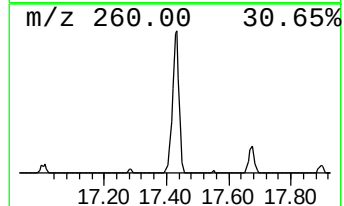
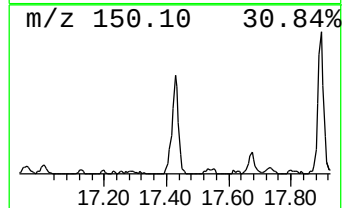
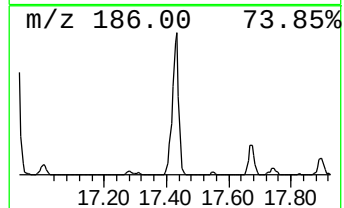
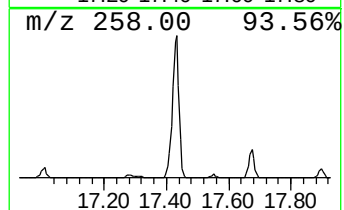
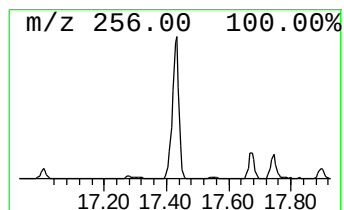
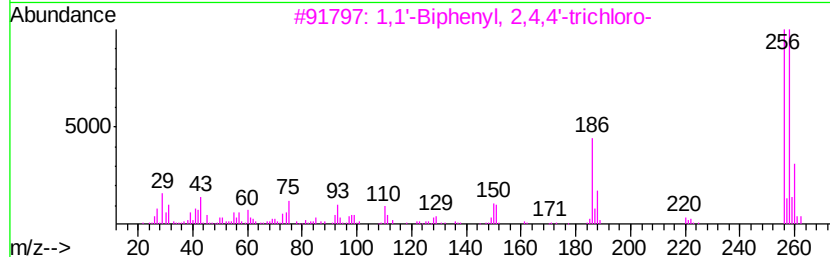
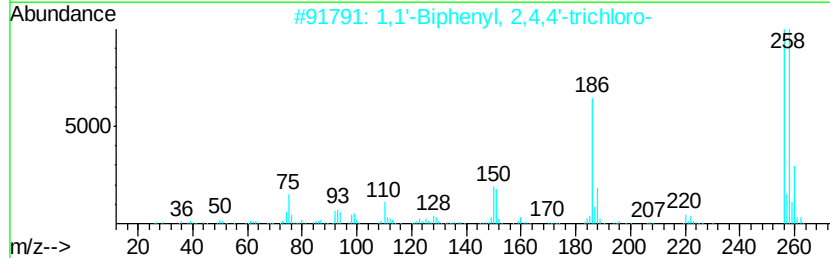
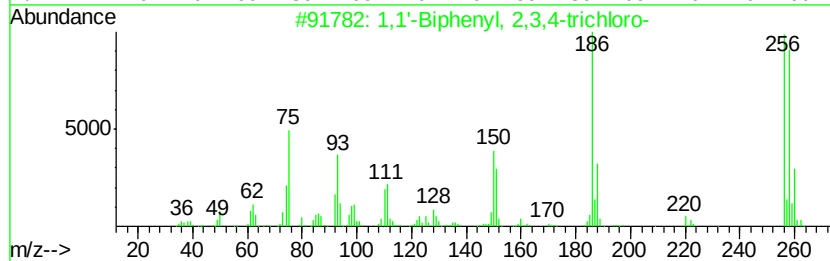
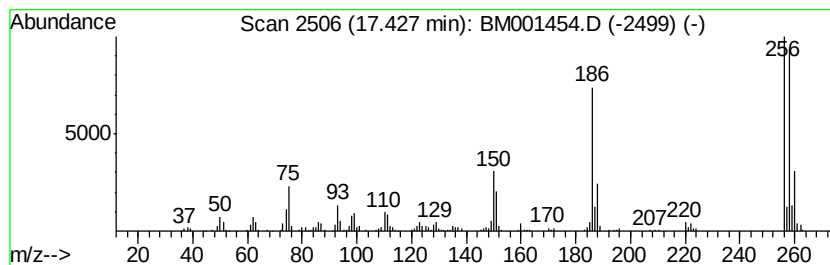
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,1'-Biphenyl, 2,3,4-trichl... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	5.99 ng/ul	616004	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	99
2			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	97
3			1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
4			1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	96
5			1,1'-Biphenyl, 2,4',5-trichloro-	256	C12H7Cl3	016606-02-3	95



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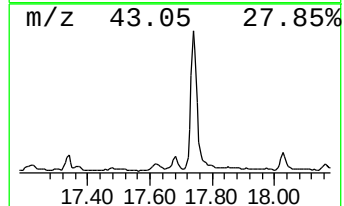
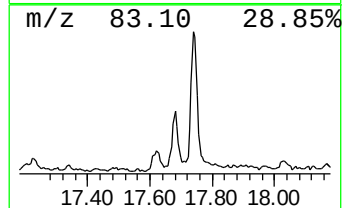
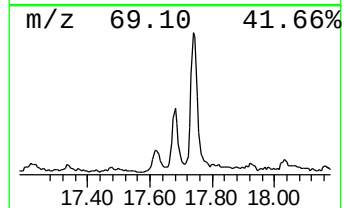
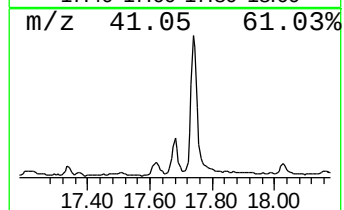
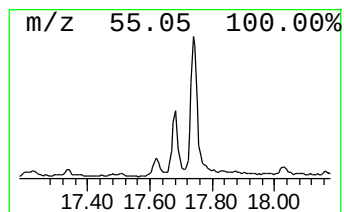
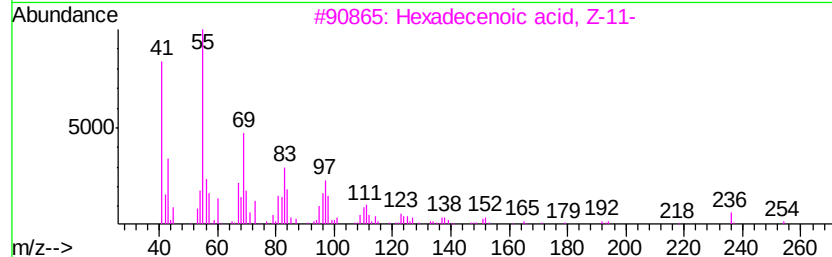
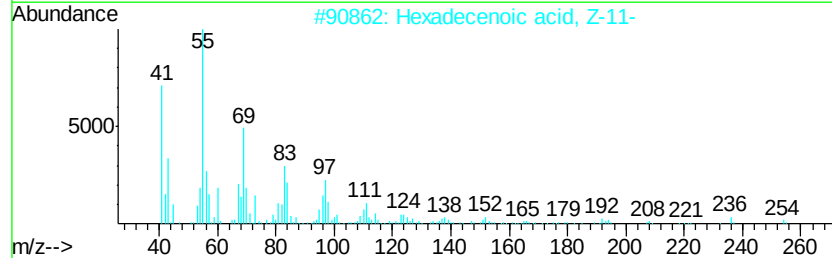
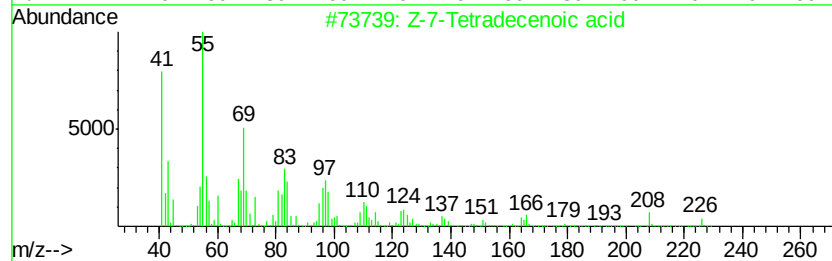
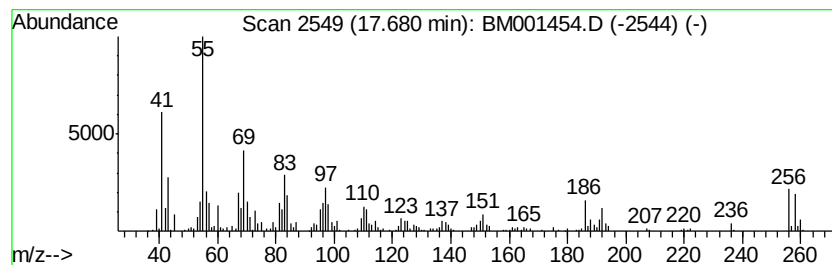
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	5.30 ng/ul	544428	Phenanthrene-d10	16.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Z-7-Tetradecenoic acid	226	C14H26O2	1000130-98-4	35
2		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	30
3		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	25
4		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	20
5		Myristoleic acid	226	C14H26O2	000544-64-9	15



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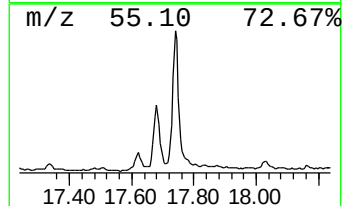
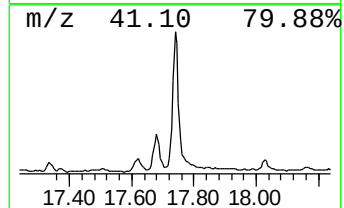
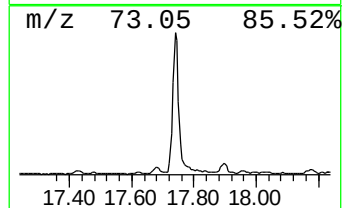
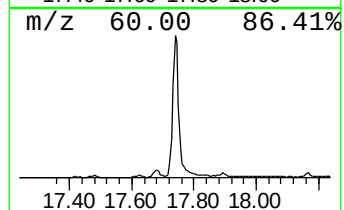
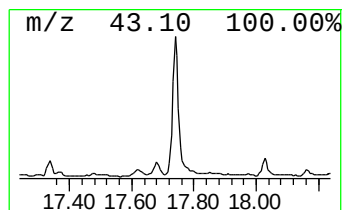
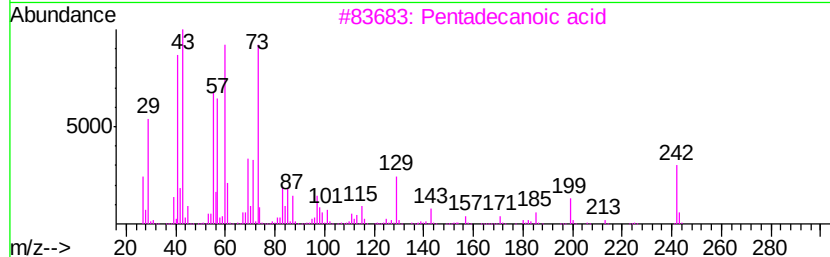
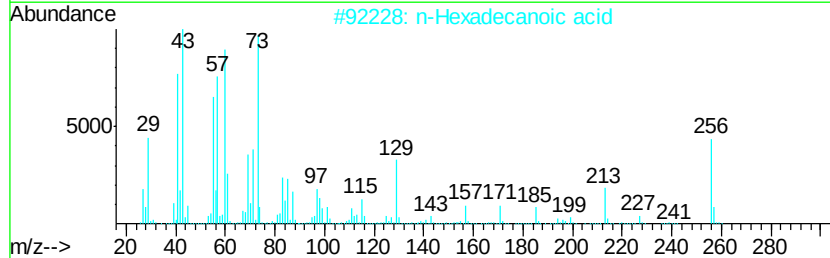
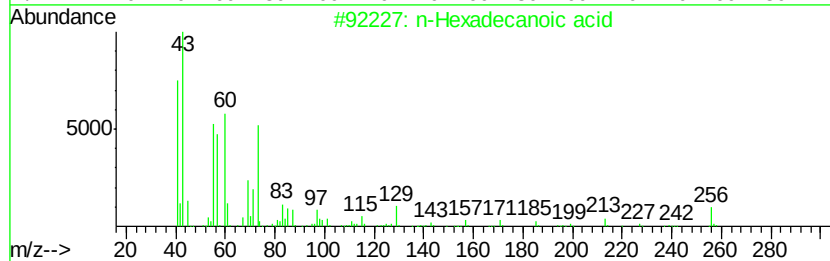
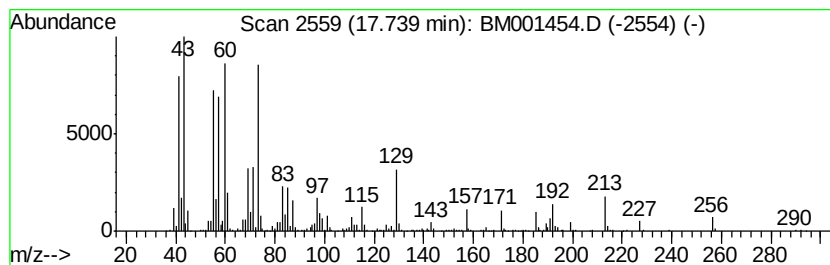
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	18.97 ng/ul	1949670	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	74
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

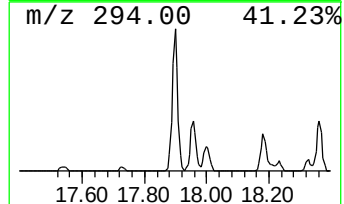
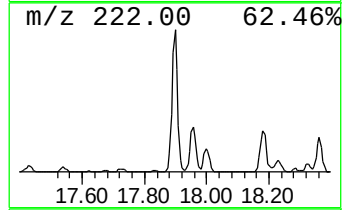
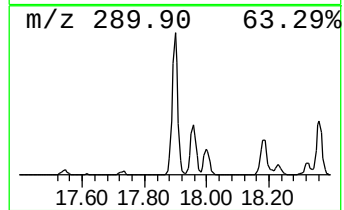
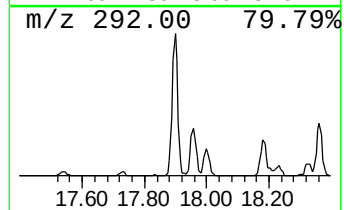
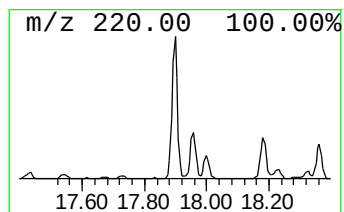
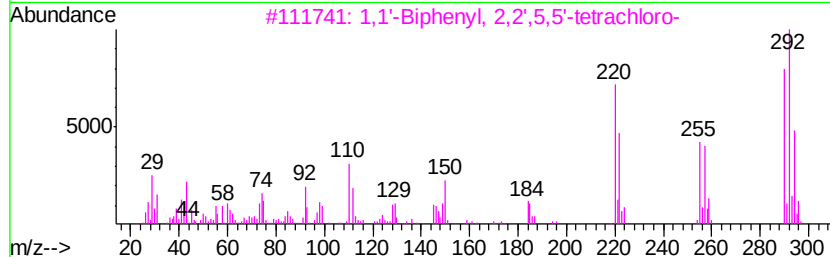
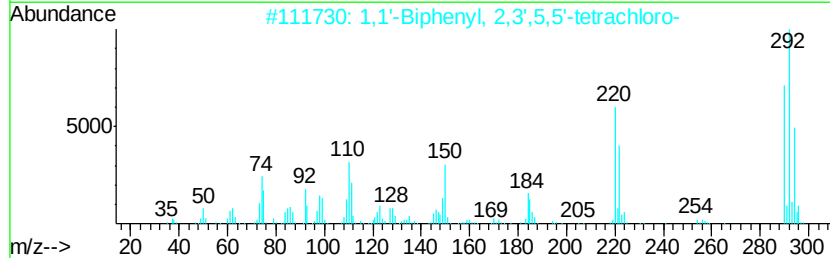
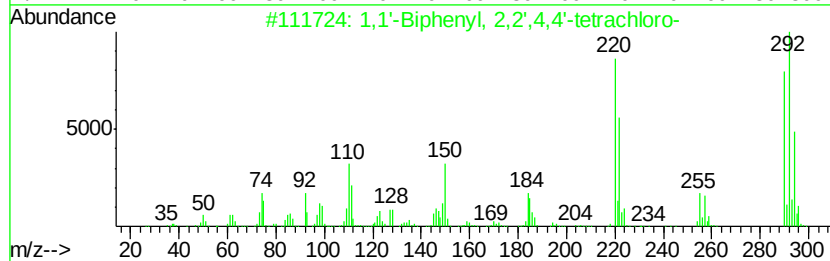
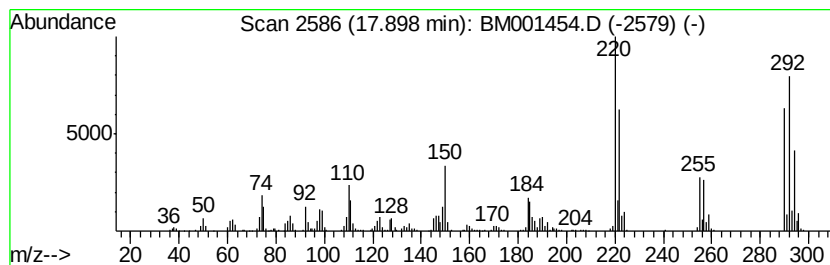
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.90	10.23 ng/ul	1051410	Phenanthrene-d10	16.82	
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, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	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_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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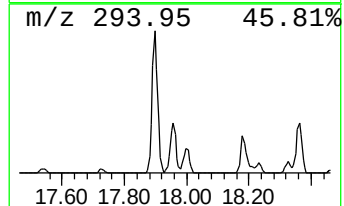
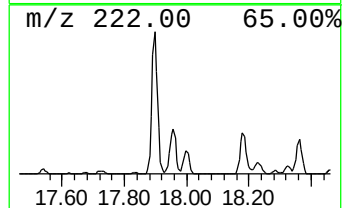
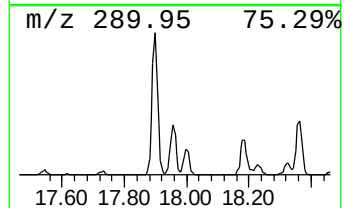
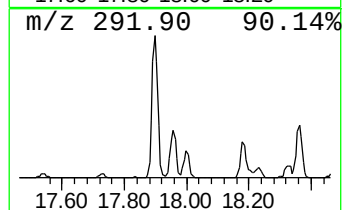
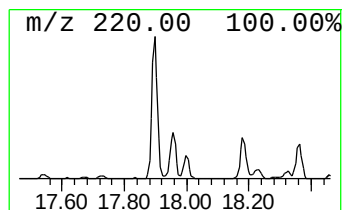
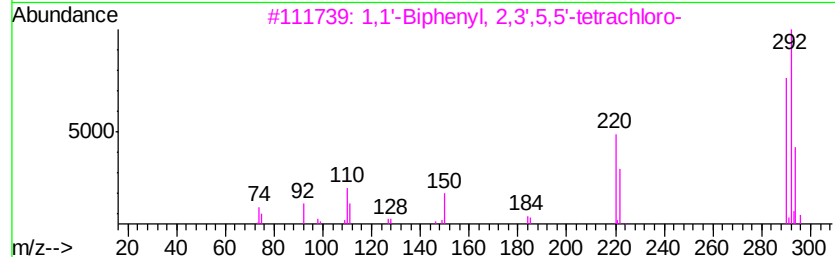
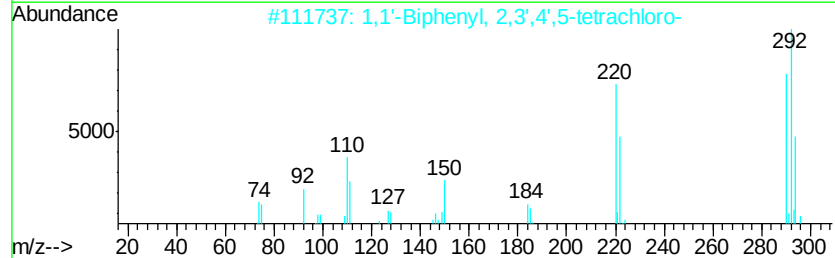
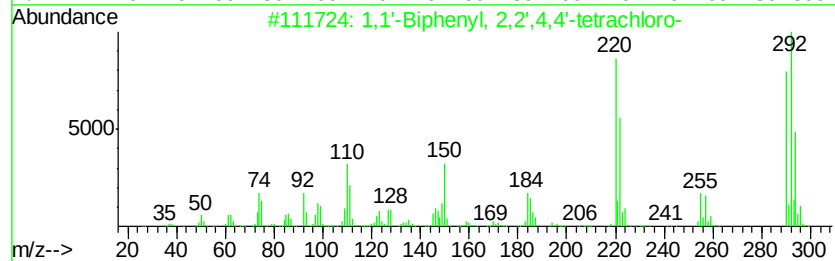
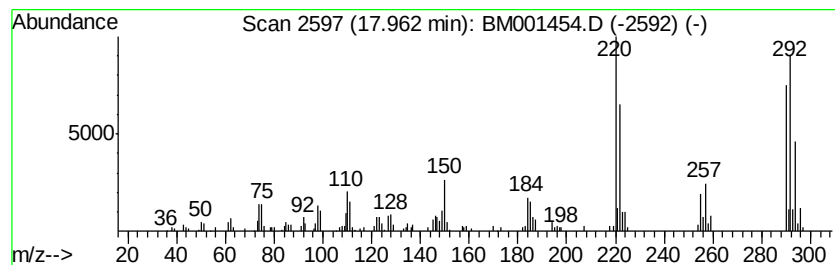
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1,1'-Biphenyl, 2,3',4',5-te... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.80 ng/ul	287938	Phenanthrene-d10	16.82

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',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
3		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
4		1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5		1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
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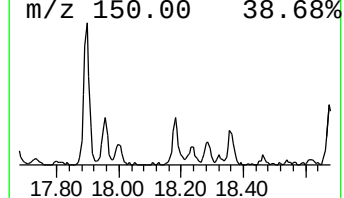
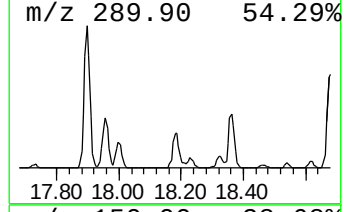
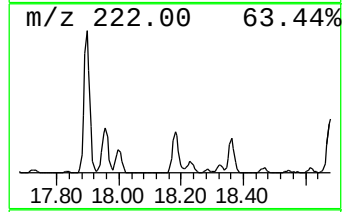
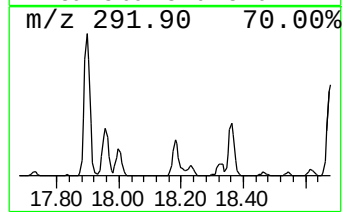
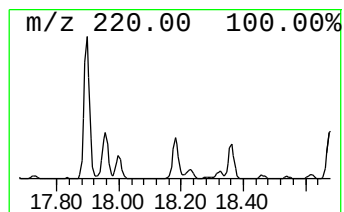
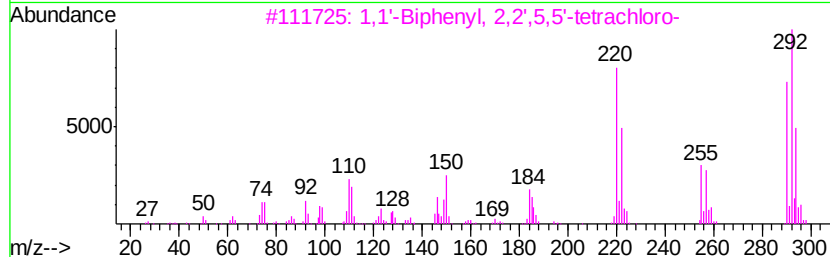
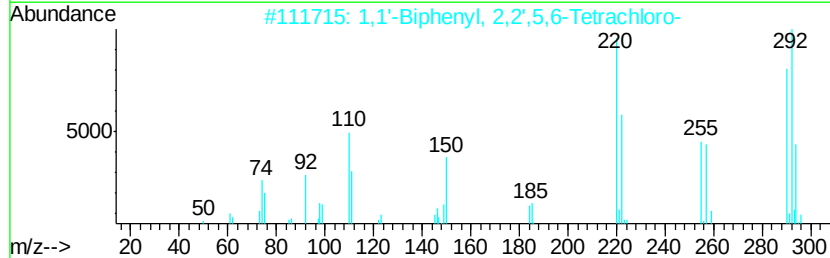
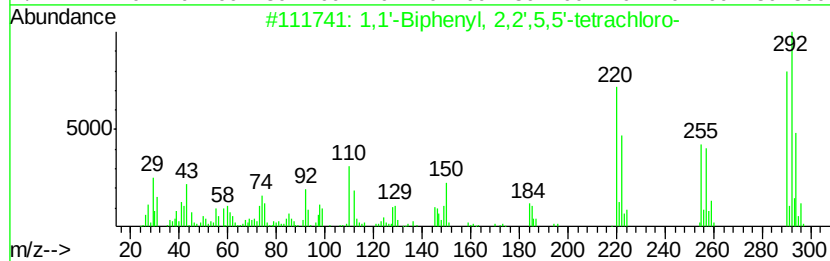
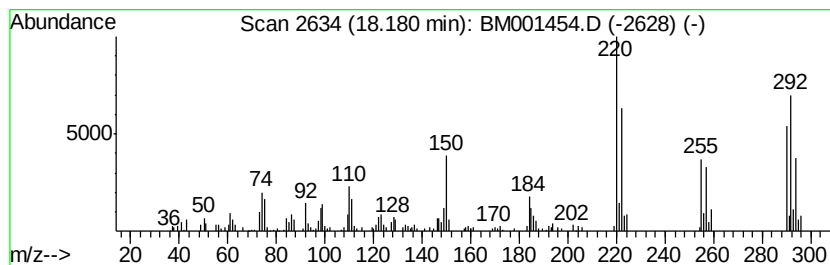
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.18	3.88 ng/ul	398546	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
2		1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
3		1,1'-Biphenyl, 2,2',5,5'-tetrach...	290	C12H6Cl4	035693-99-3	99
4		1,1'-Biphenyl, 2,2',3,5'-tetrach...	290	C12H6Cl4	041464-39-5	99
5		1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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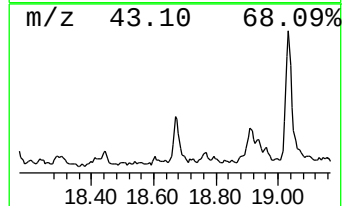
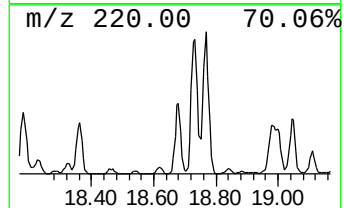
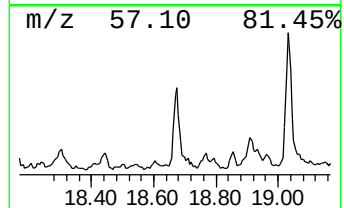
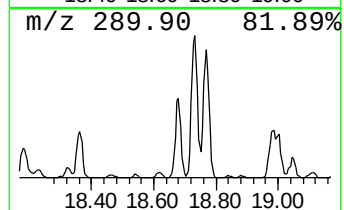
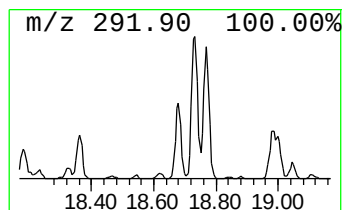
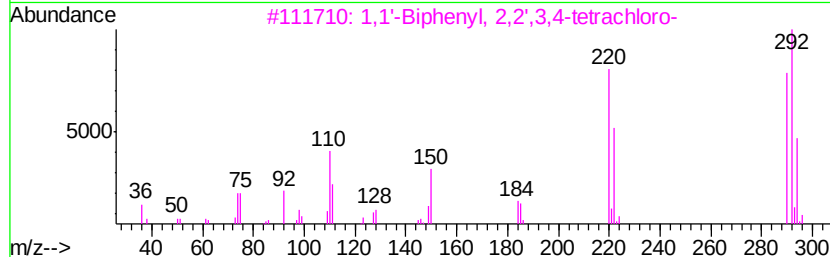
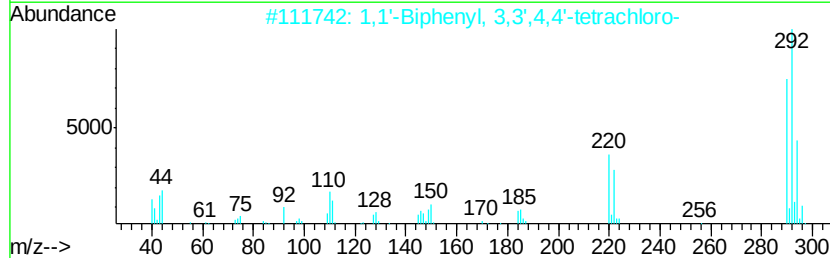
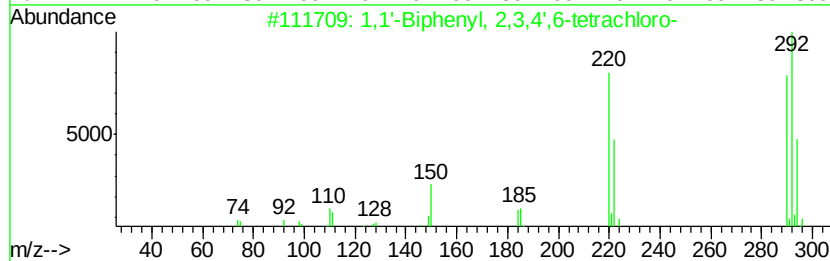
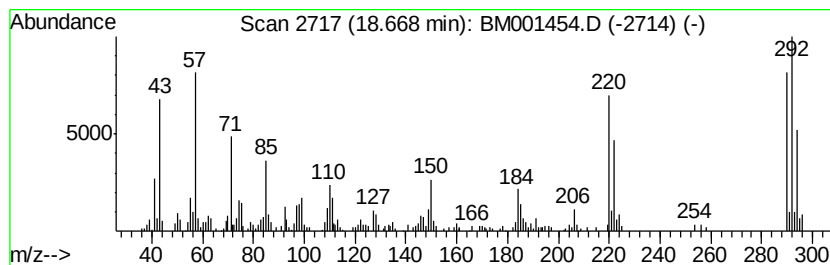
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	5.30 ng/ul	544454	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2			1,1'-Biphenyl, 3,3',4,4'-tetrach...	290	C12H6Cl4	032598-13-3	99
3			1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	99
4			1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
5			1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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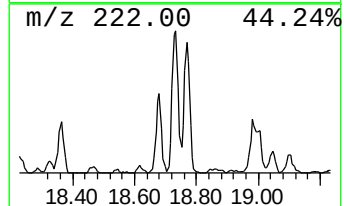
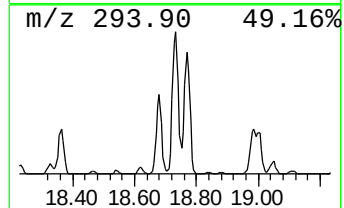
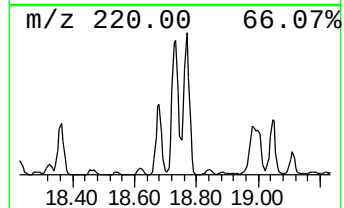
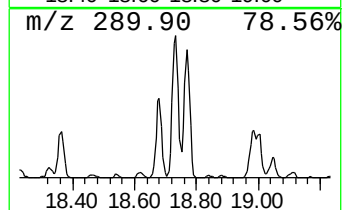
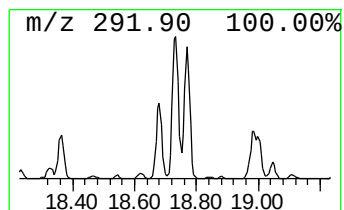
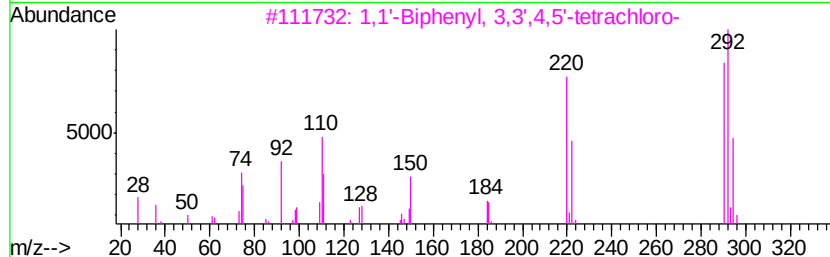
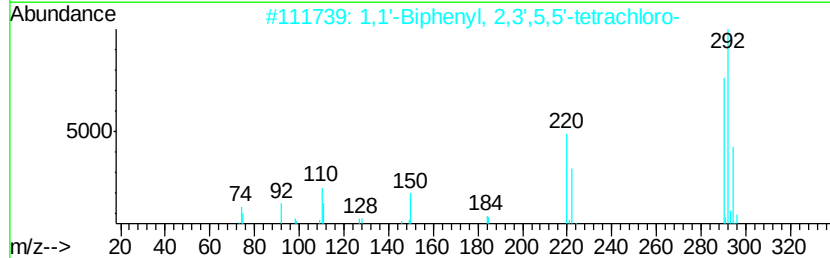
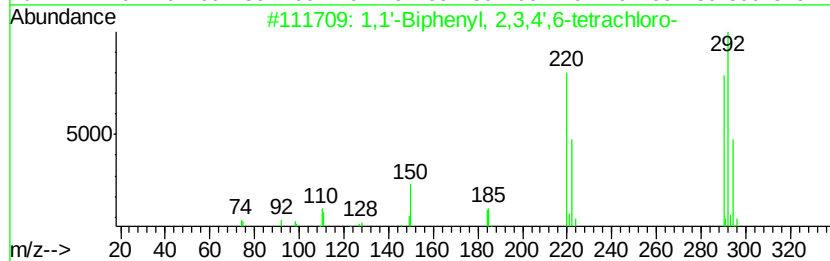
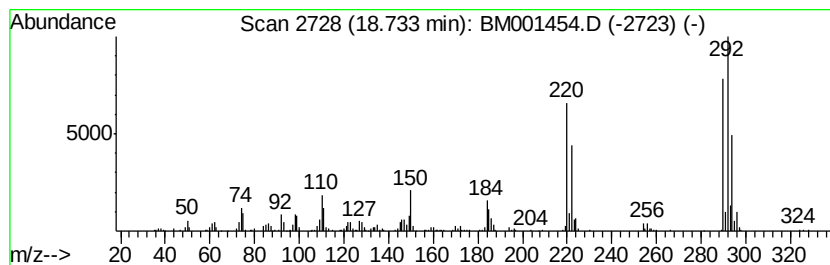
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',6,6'-te... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	6.88 ng/ul	706749	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
2			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
3			1,1'-Biphenyl, 3,3',4,5'-tetrach...	290	C12H6Cl4	041464-48-6	99
4			1,1'-Biphenyl, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
5			1,1'-Biphenyl, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

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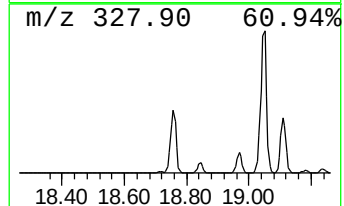
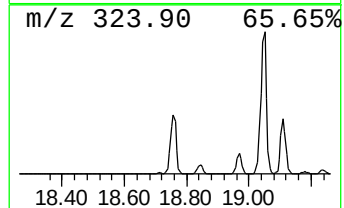
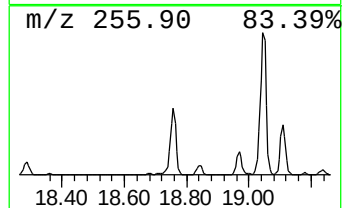
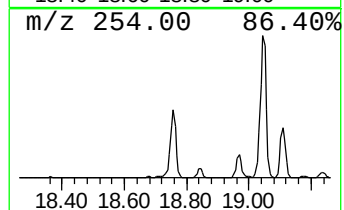
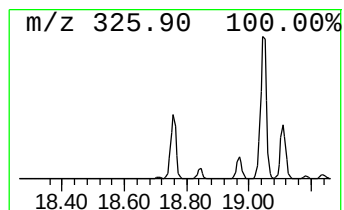
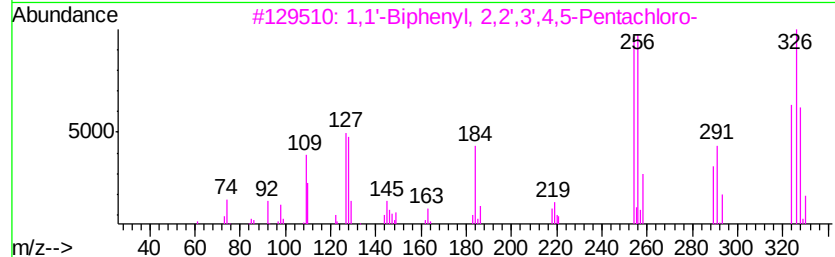
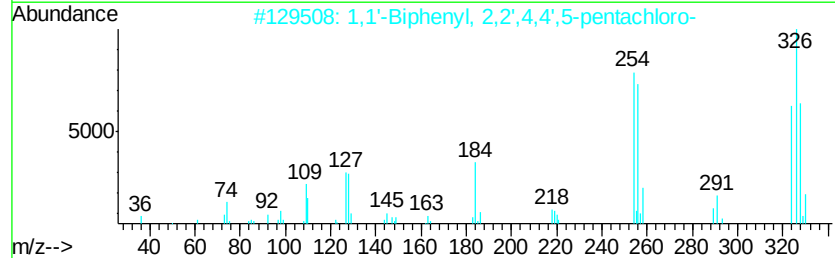
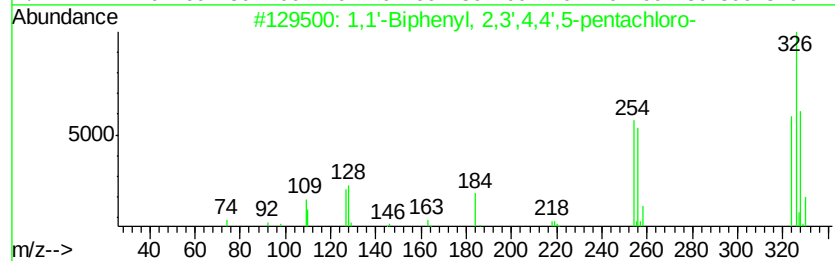
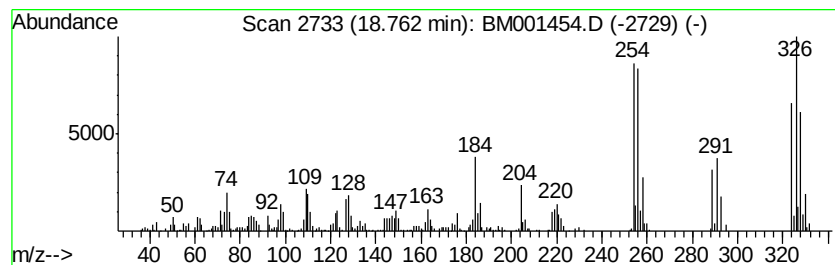
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,3',4,4',5-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.76	20.32 ng/ul	2087580	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3		1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99
4		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
5		1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

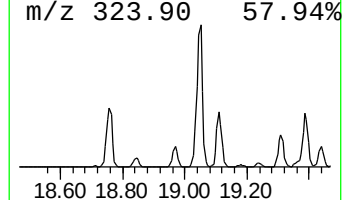
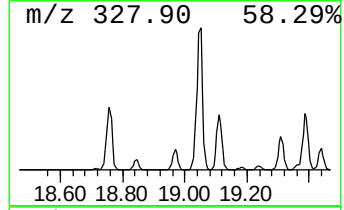
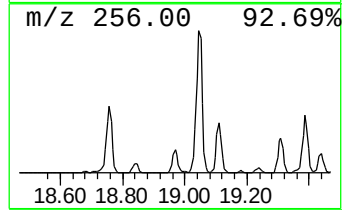
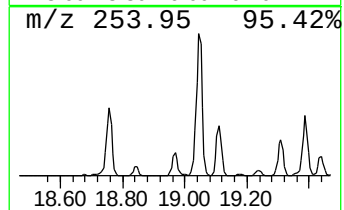
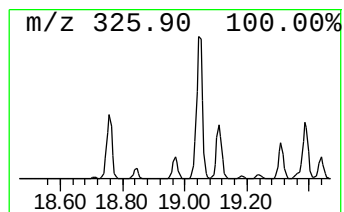
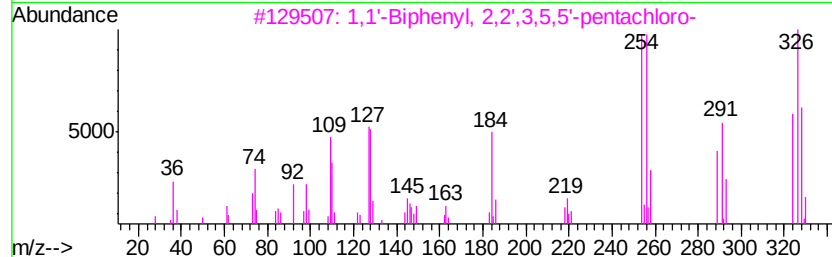
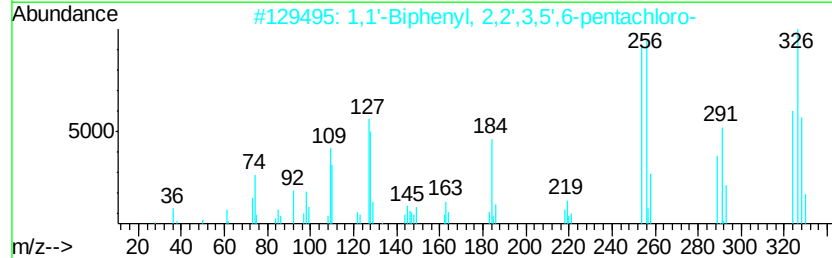
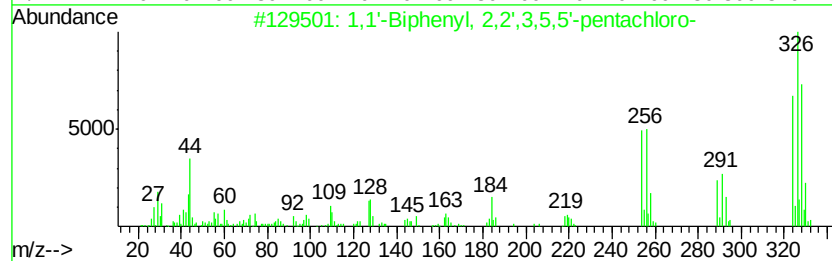
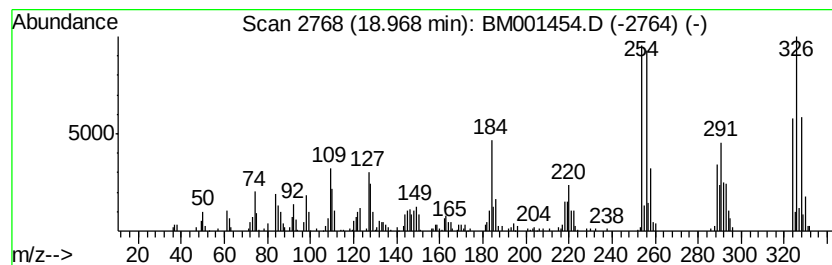
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.97	5.31 ng/ul	564969	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	99
2	1,1'-Biphenyl, 2,2',3,5',6-penta...	324	C12H5Cl5	038379-99-6	98
3	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
4	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98
5	1,1'-Biphenyl, 2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

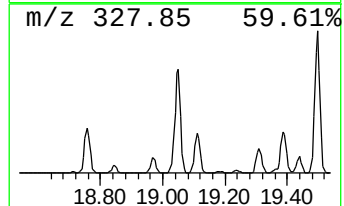
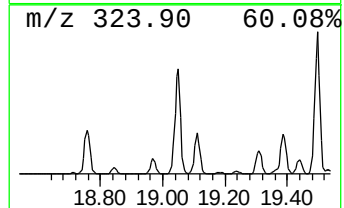
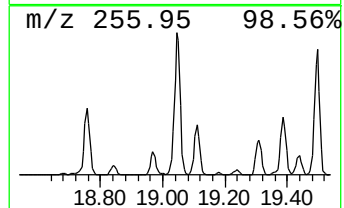
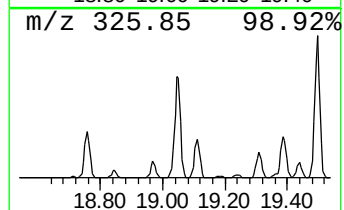
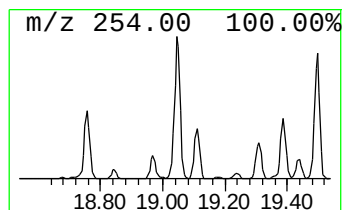
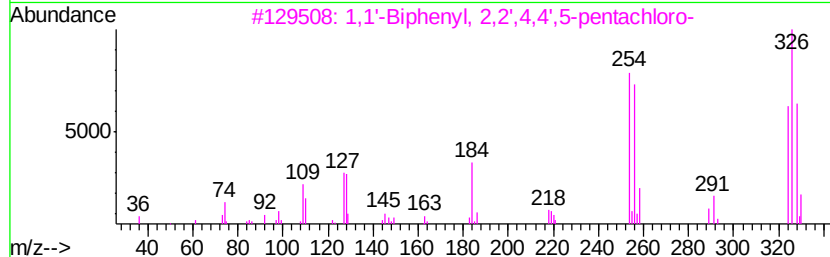
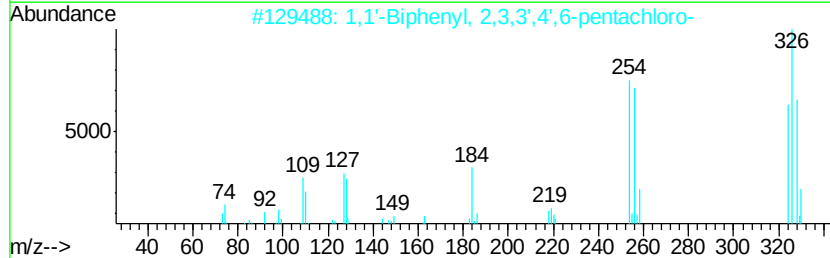
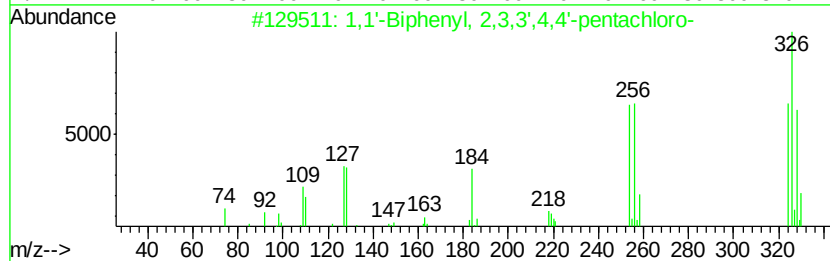
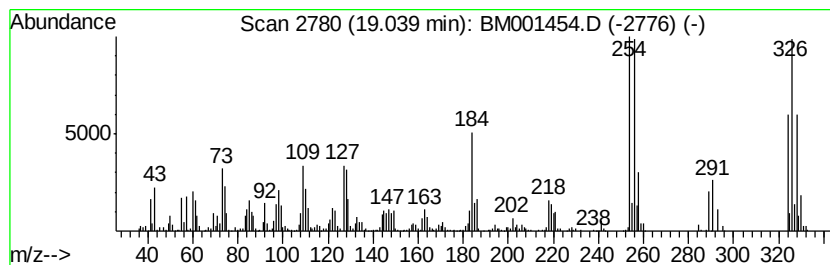
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.04	31.66 ng/ul	3368870	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
2	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
4	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
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Sample : G2411-02
Misc :
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Instrument :
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ClientSampleId :
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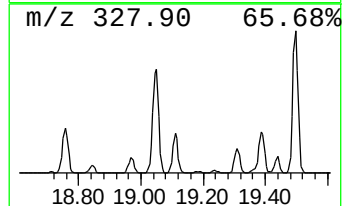
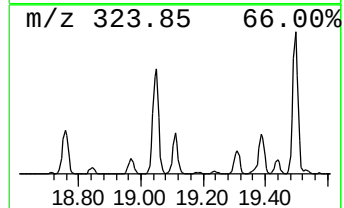
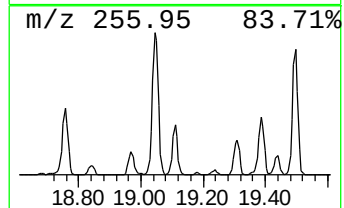
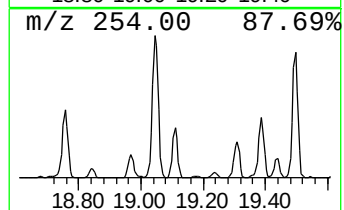
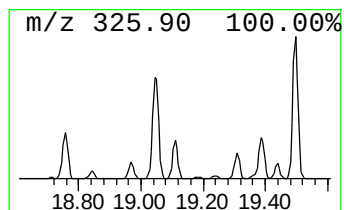
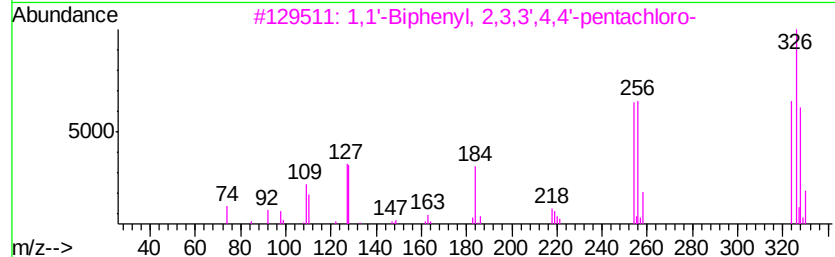
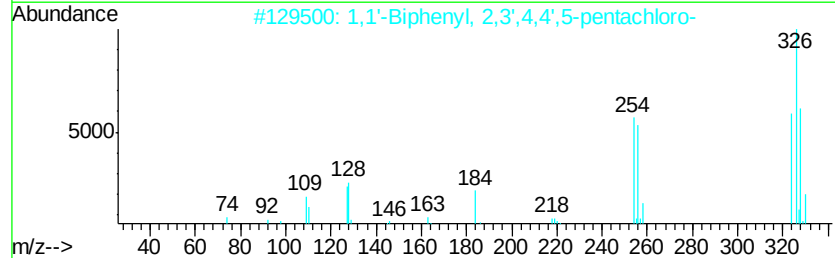
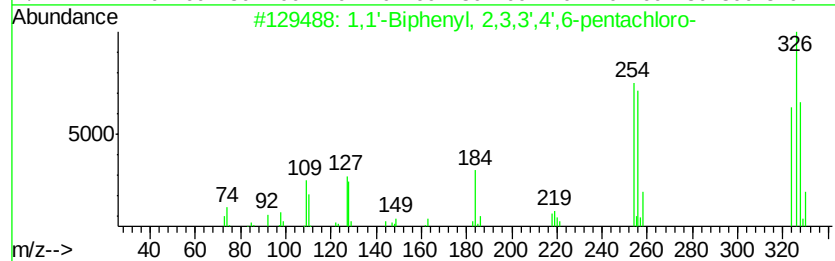
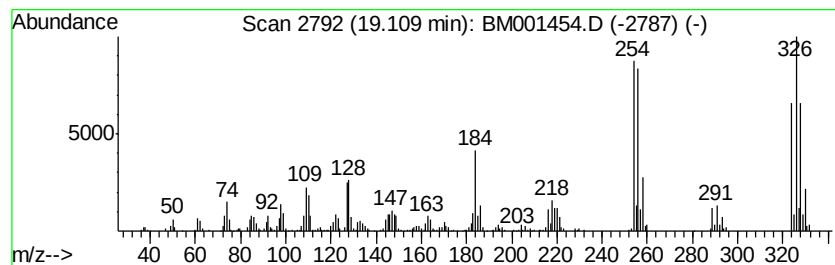
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	9.36 ng/ul	995847	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99
2		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
3		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

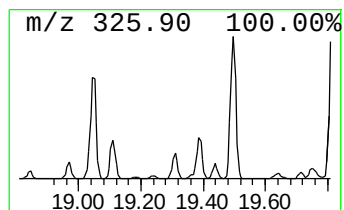
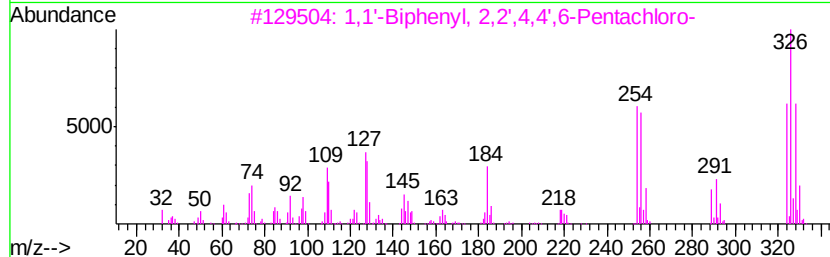
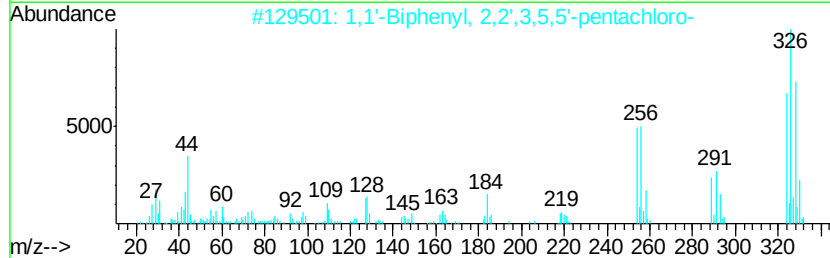
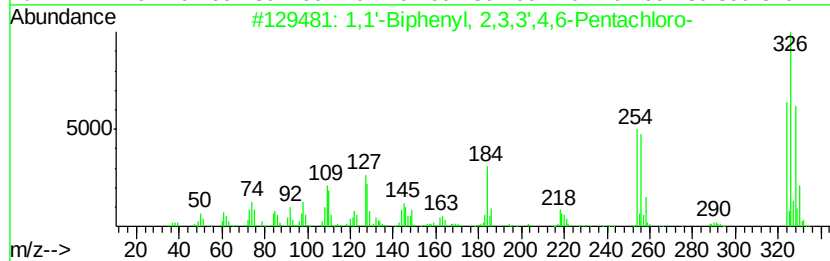
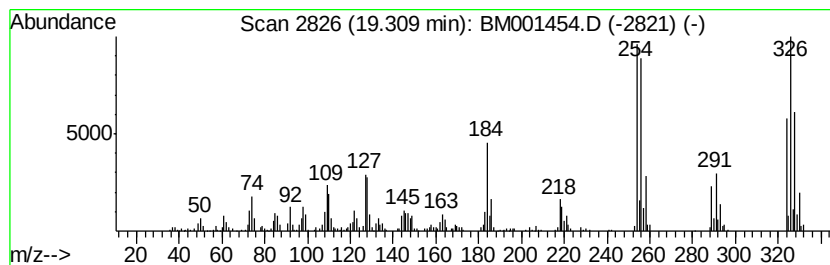
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,3,3',4,6-P... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.31	6.79 ng/ul	722643	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	99
2	1,1'-Biphenyl,	2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	98
3	1,1'-Biphenyl,	2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	98
4	1,1'-Biphenyl,	2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	98
5	1,1'-Biphenyl,	2,3',4,4',6-Penta...	324	C12H5Cl5	056558-17-9	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

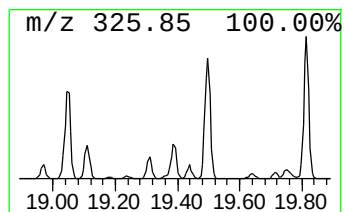
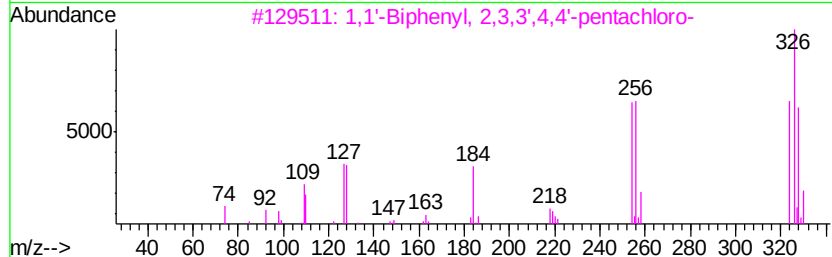
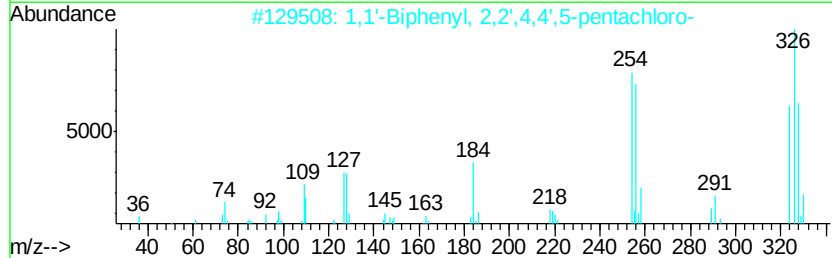
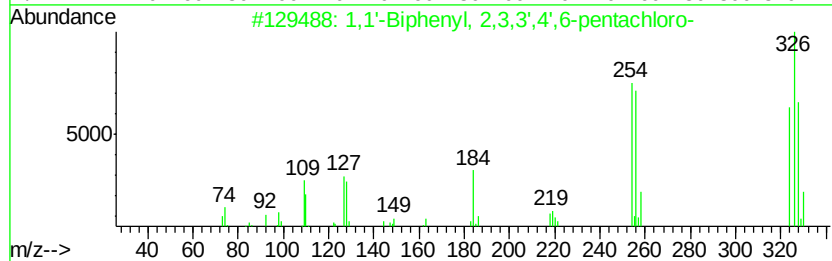
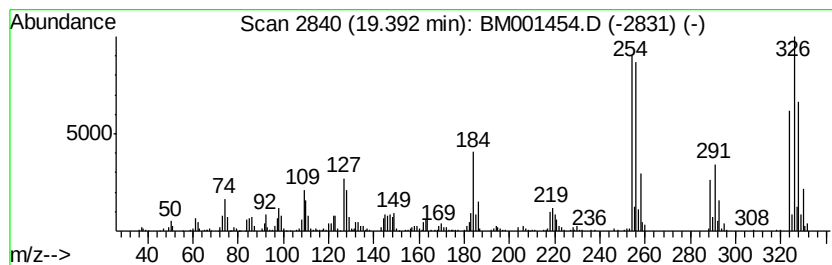
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2,2',3',4,5-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.39	10.95 ng/ul	1164730	Chrysene-d12	21.03		
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',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3	1,1'-Biphenyl,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl,	2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99
5	1,1'-Biphenyl,	2,2',3',4,5-Penta...	324	C12H5Cl5	041464-51-1	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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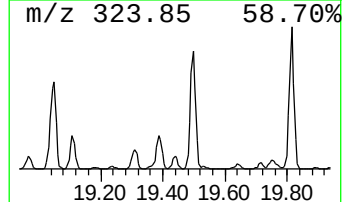
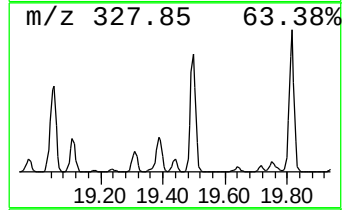
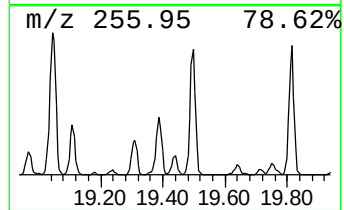
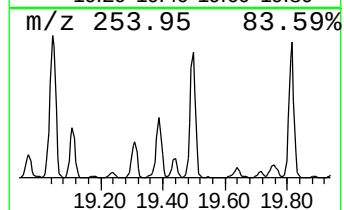
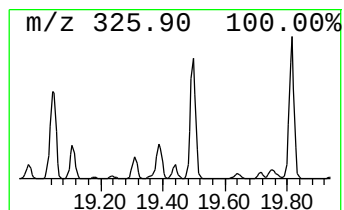
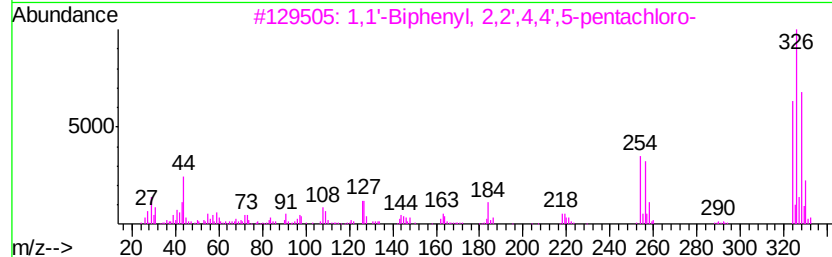
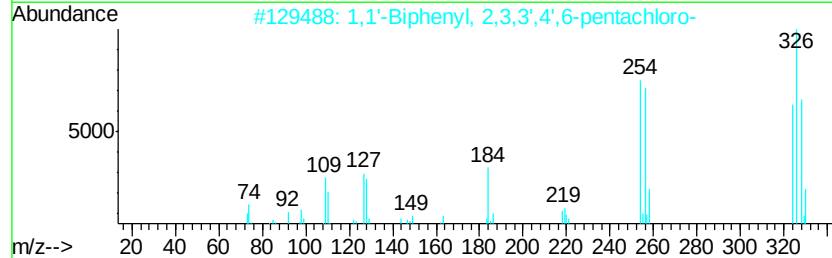
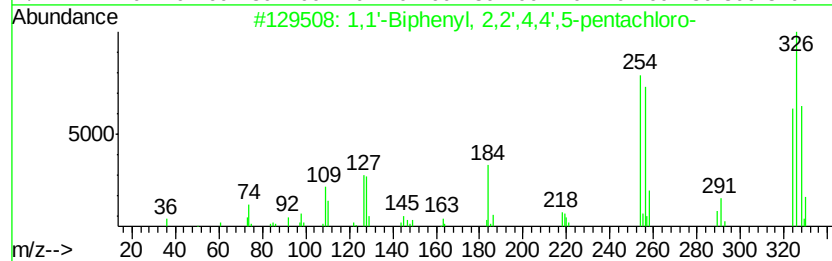
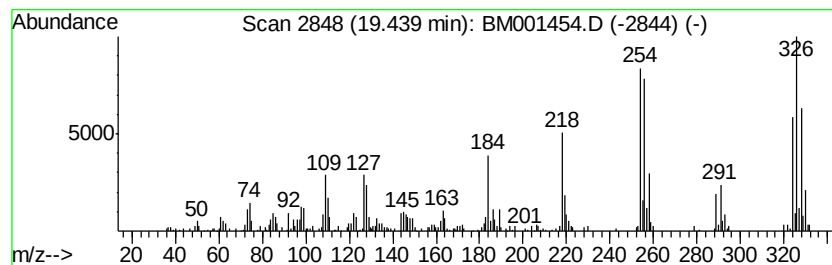
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.44	3.85 ng/ul	409101	Chrysene-d12	21.03

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, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99		
3	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99		
4	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99		
5	1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

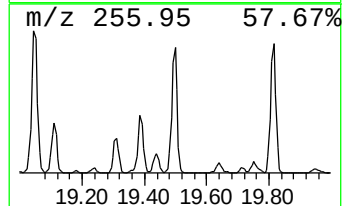
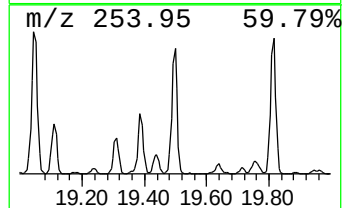
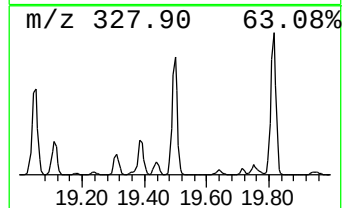
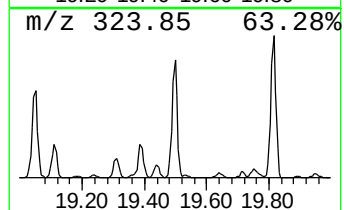
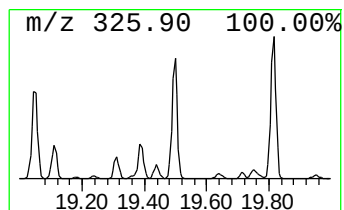
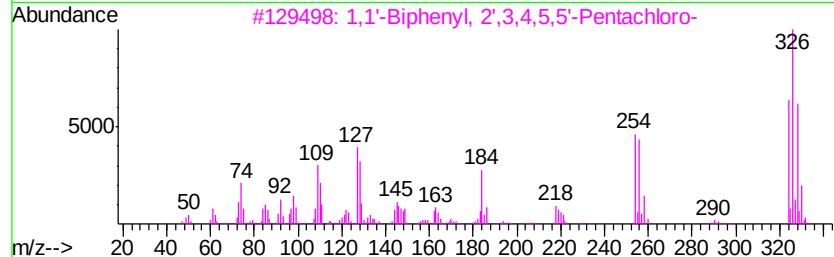
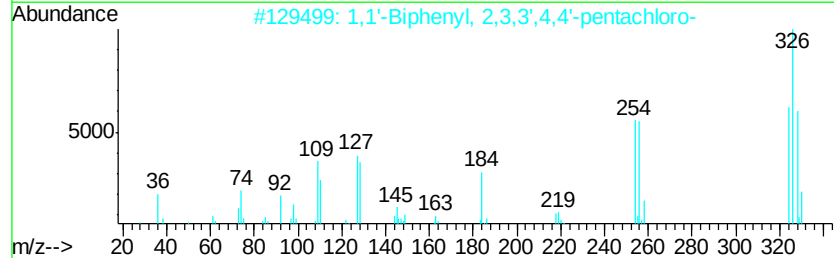
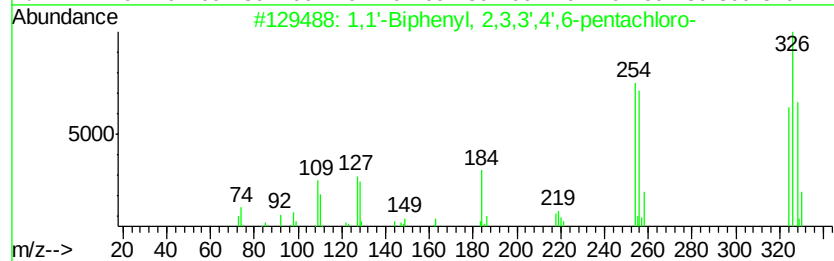
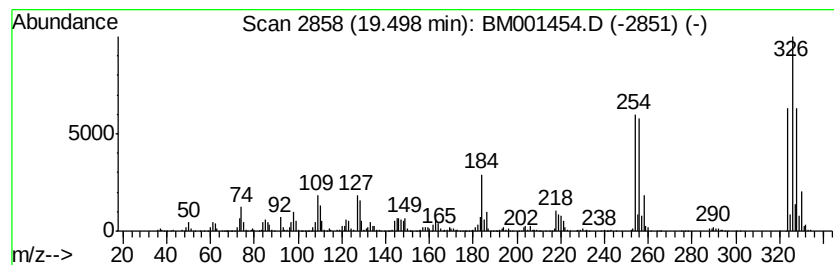
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.50	26.29 ng/ul	2797540	Chrysene-d12	21.03		
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,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
3	1,1'-Biphenyl,	2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99
4	1,1'-Biphenyl,	2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
5	1,1'-Biphenyl,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Acq On : 29 May 2015 21:32
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ClientSampleId :
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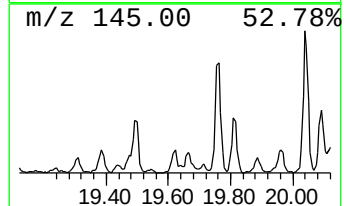
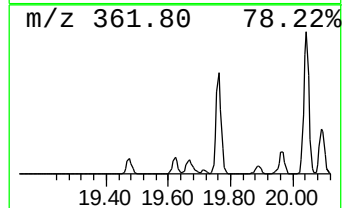
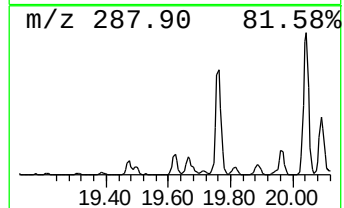
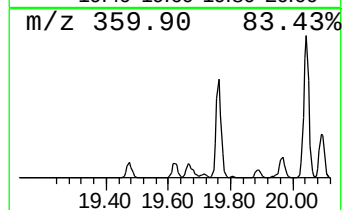
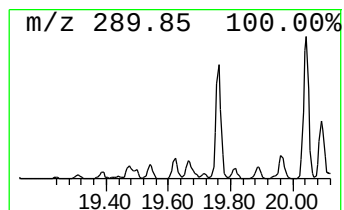
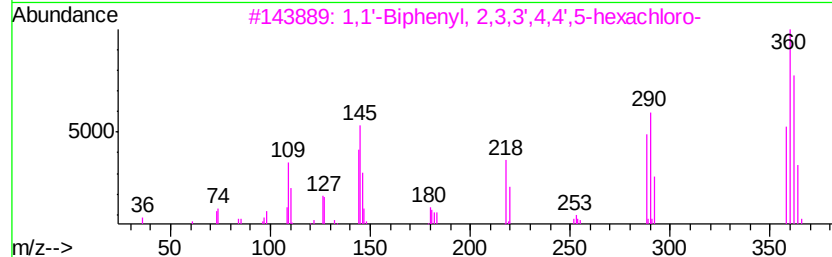
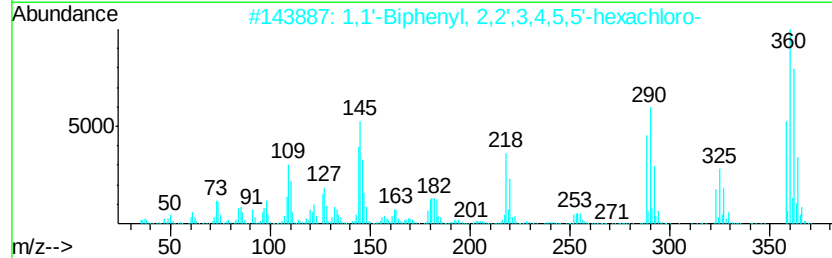
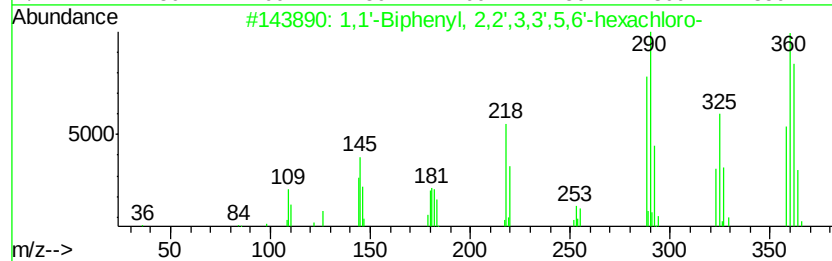
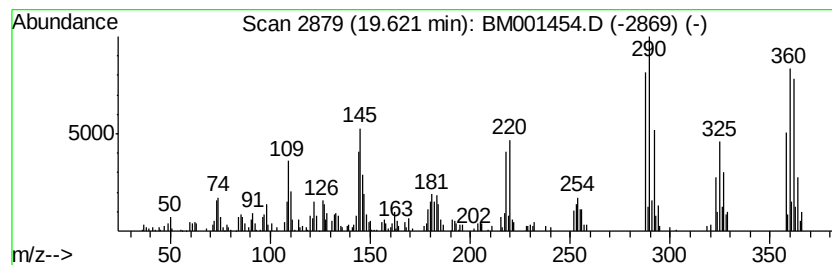
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',3,3',5,... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	5.36 ng/ul	570772	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,3',5,6'-he...	358	C12H4Cl6	052744-13-5	99
2		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
4		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB5

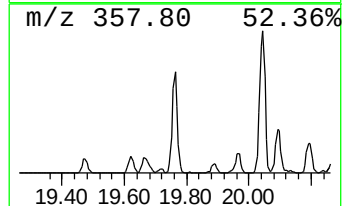
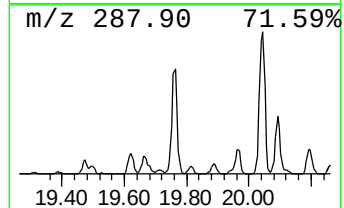
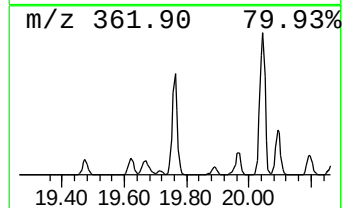
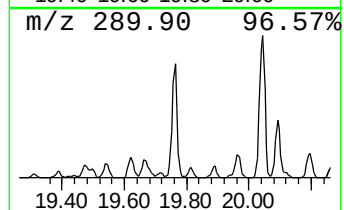
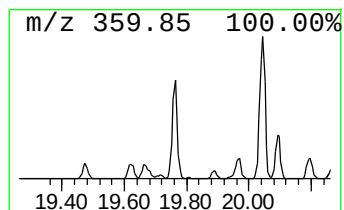
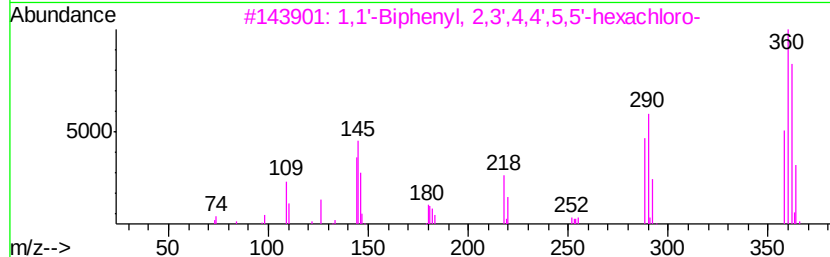
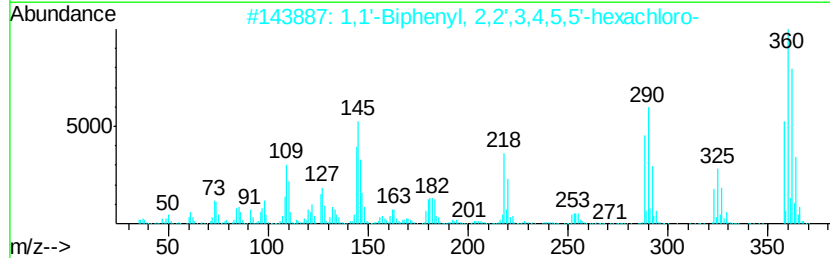
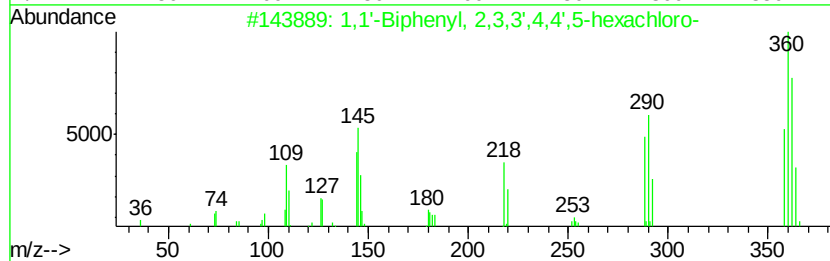
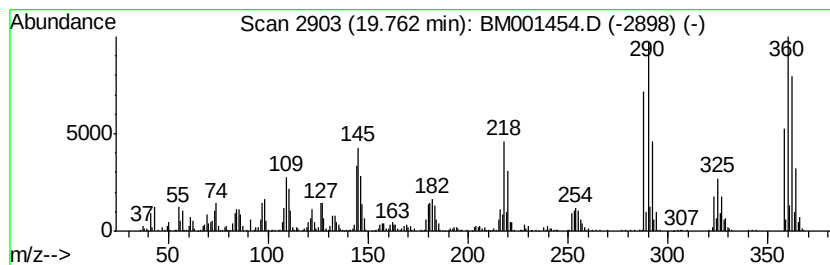
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	16.88 ng/ul	1796300	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

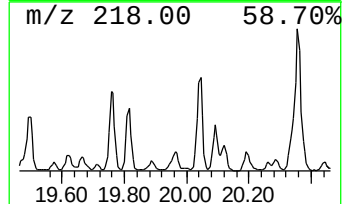
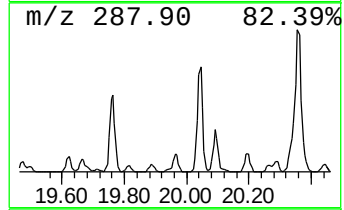
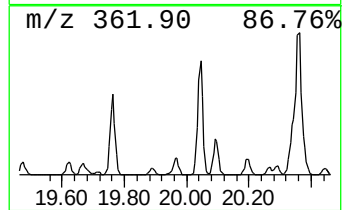
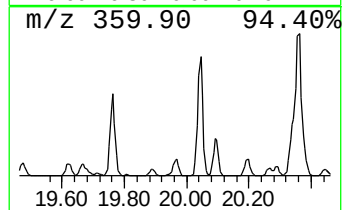
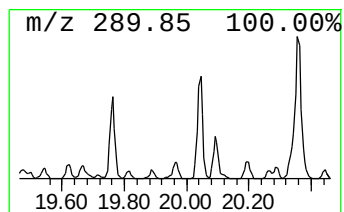
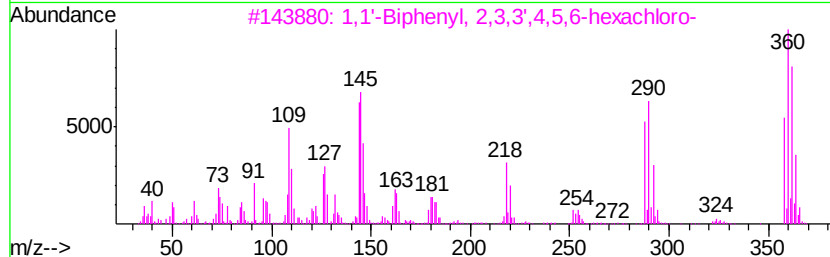
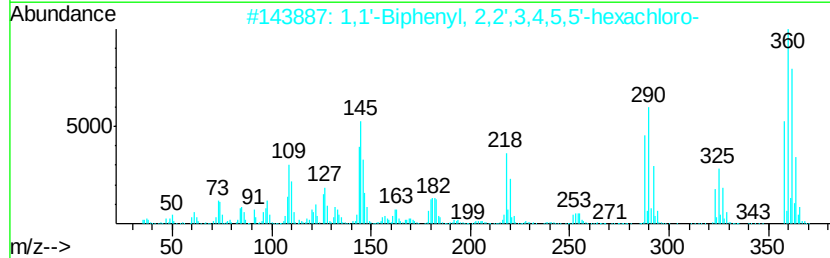
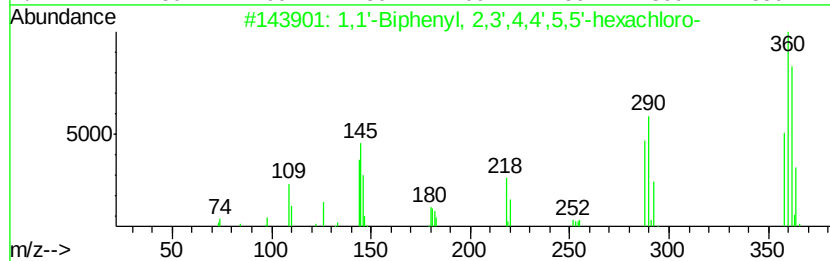
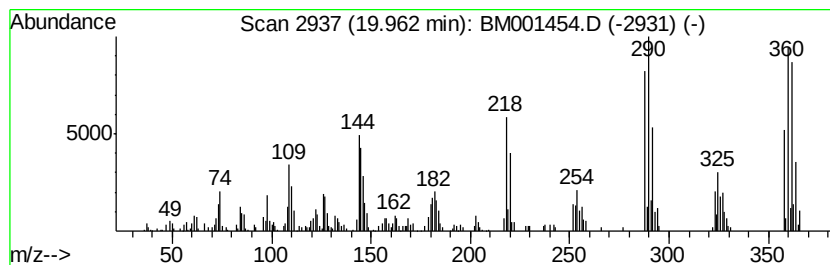
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ClientSampled :
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.96	4.61 ng/ul	490601	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2	1,1'-Biphenyl,	2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
3	1,1'-Biphenyl,	2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5	1,1'-Biphenyl,	3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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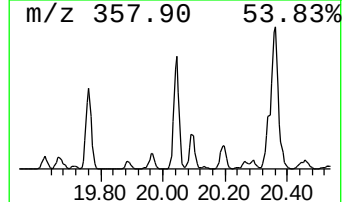
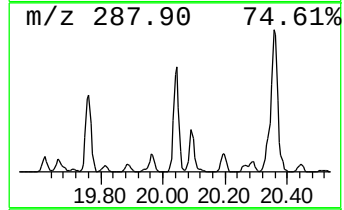
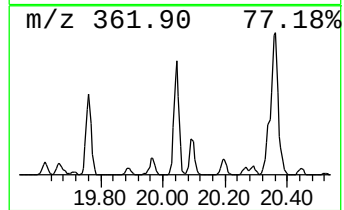
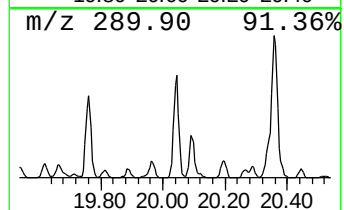
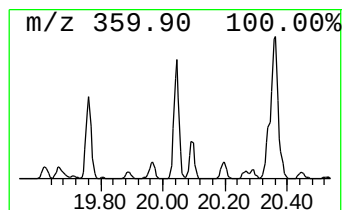
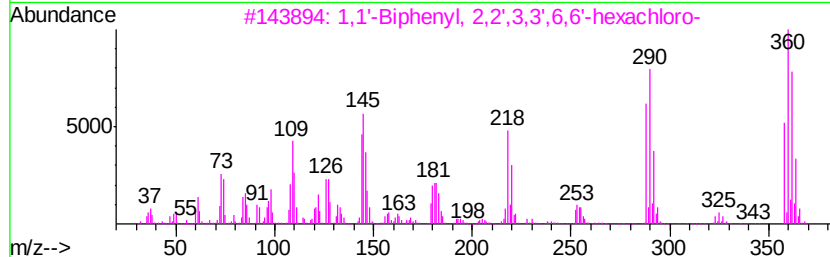
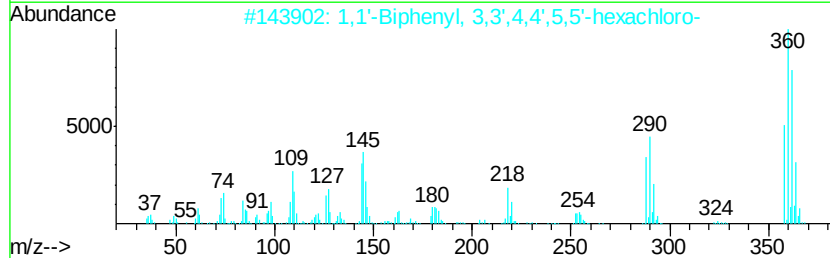
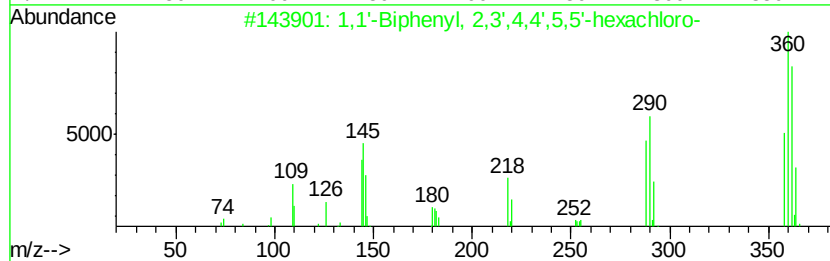
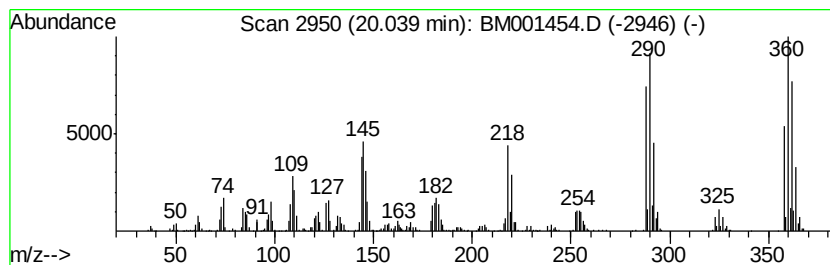
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	17.94 ng/ul	1908950	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
2		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3		1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
4		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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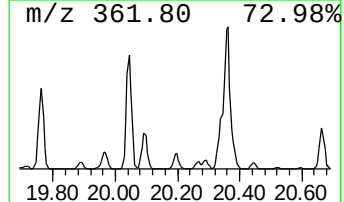
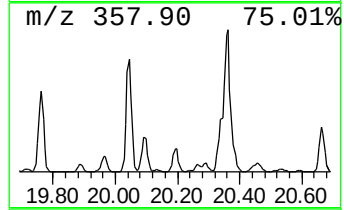
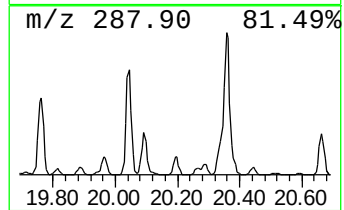
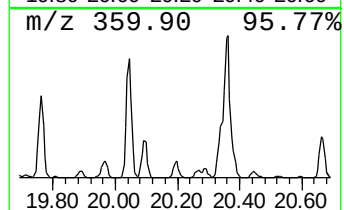
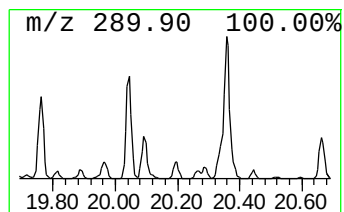
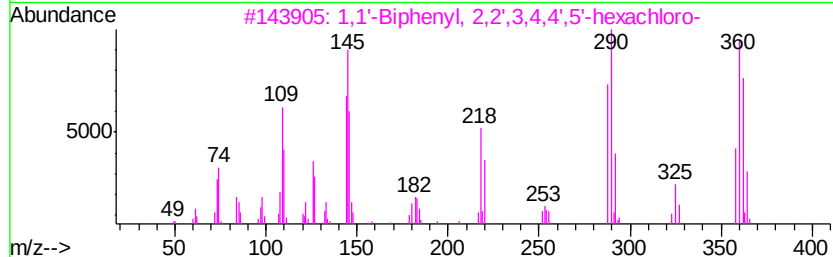
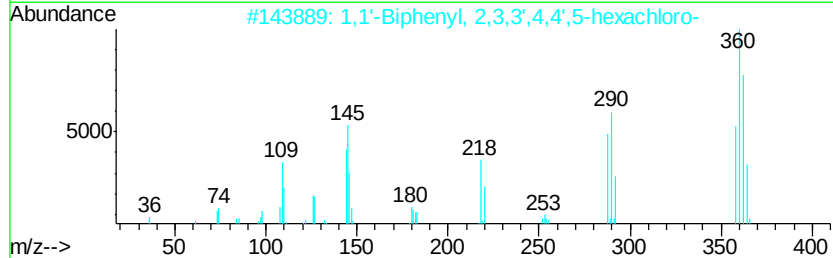
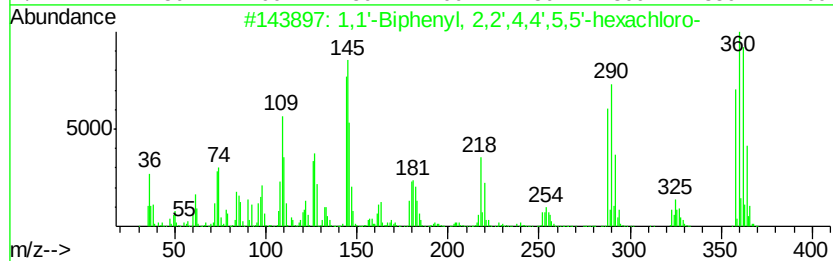
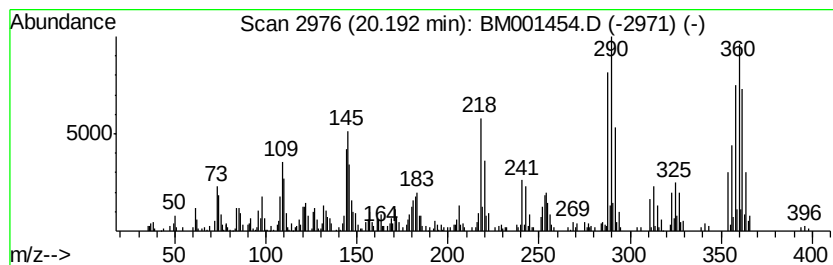
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 1,1'-Biphenyl, 2,2',4,4',5,... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	5.08 ng/ul	540688	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
2		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	98
4		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	97
5		1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

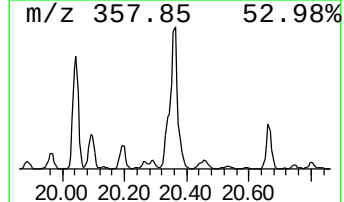
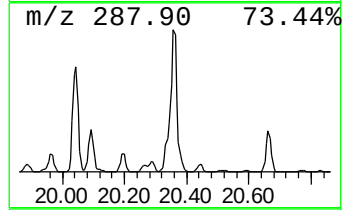
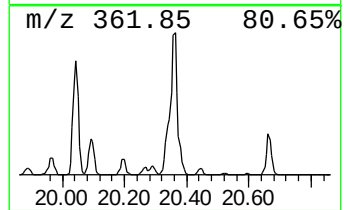
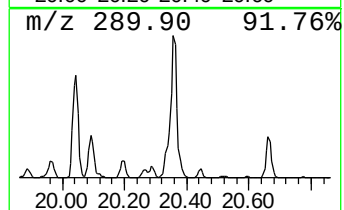
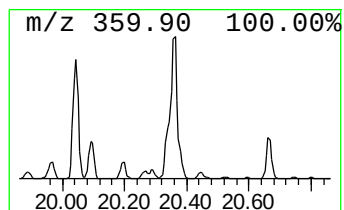
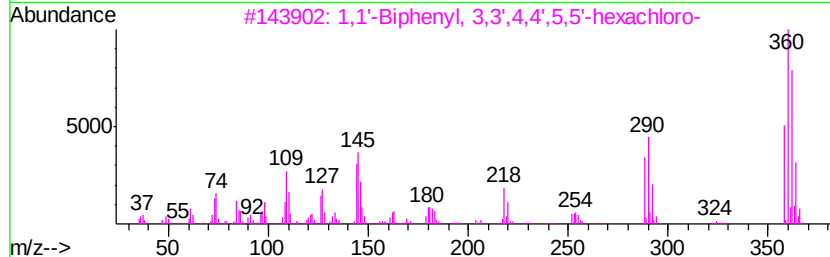
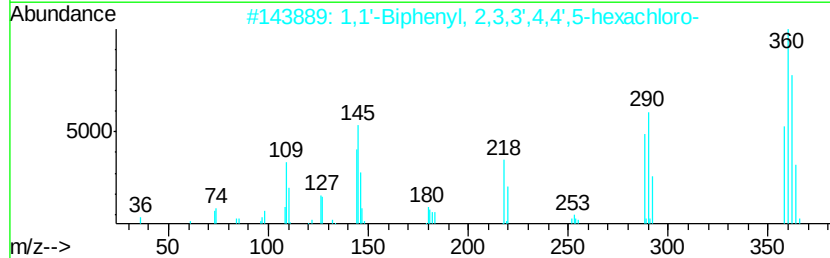
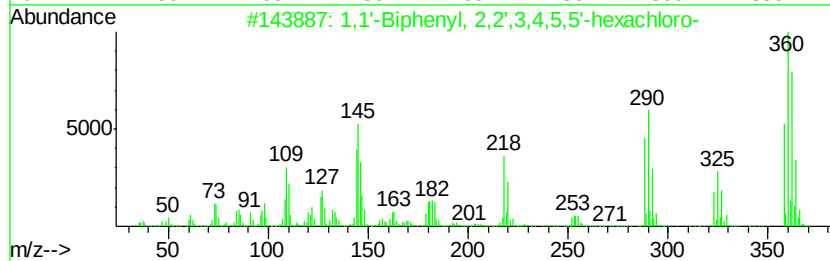
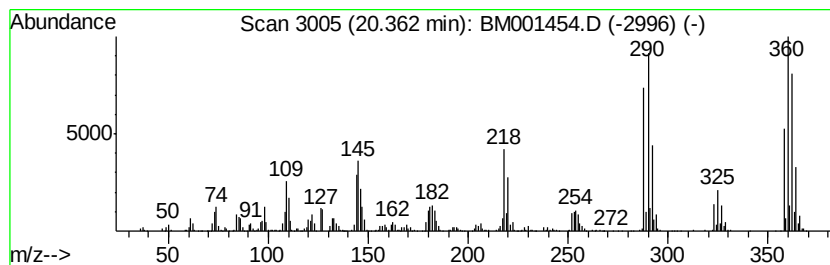
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.36	31.83 ng/ul	3386260	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3	1,1'-Biphenyl,	3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl,	2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
5	1,1'-Biphenyl,	2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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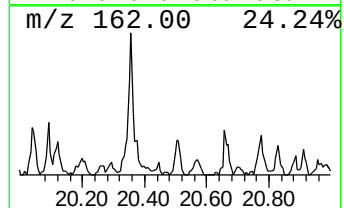
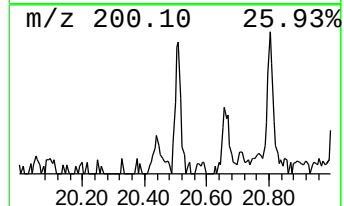
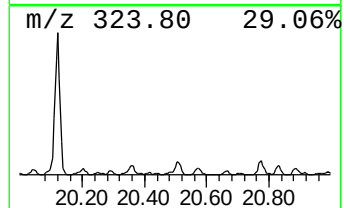
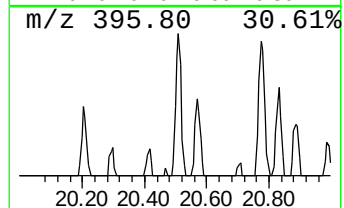
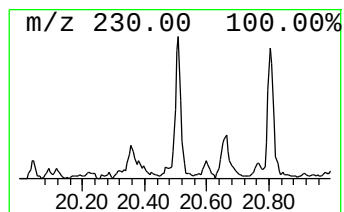
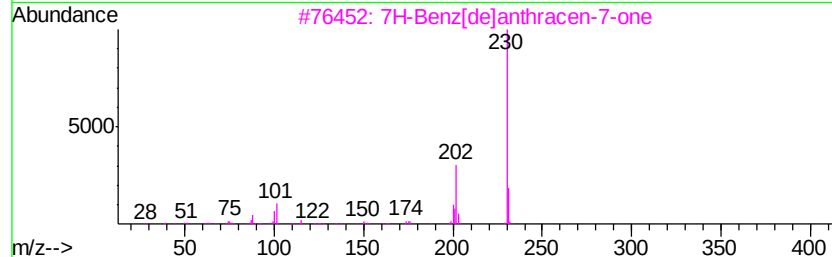
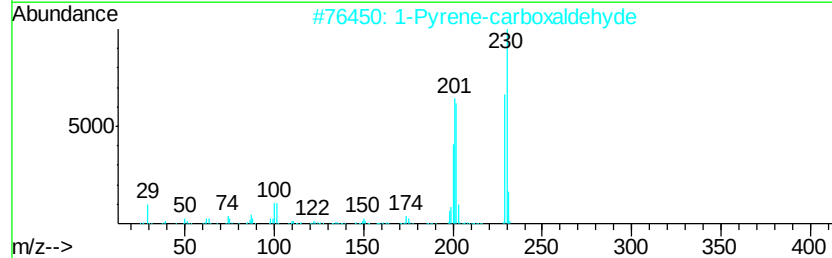
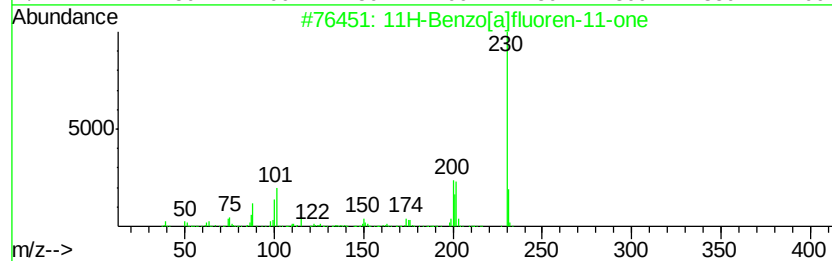
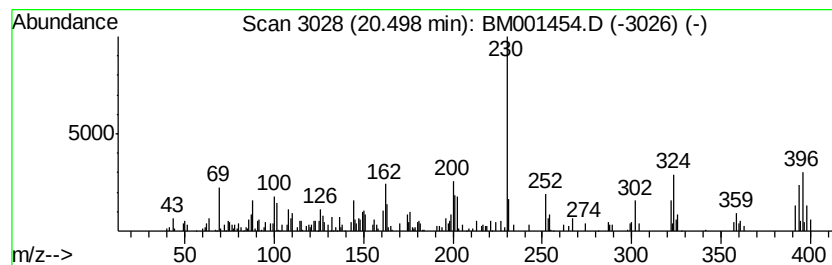
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.50	3.07 ng/ul	326383	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	38
2		1-Pyrene-carboxaldehyde	230	C17H10O	003029-19-4	30
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	30
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	25
5		2-Piperidinecarboxylic acid, met...	289	C10H12F5N03	1000099-87-8	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

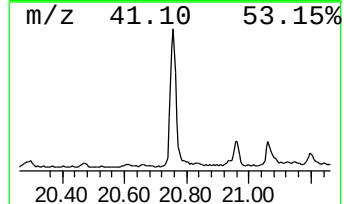
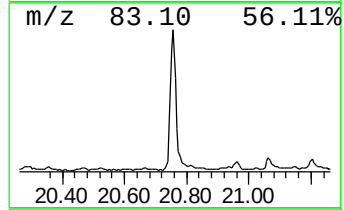
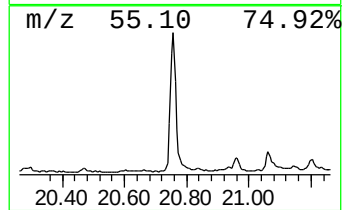
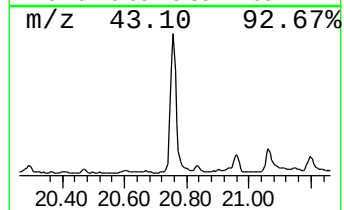
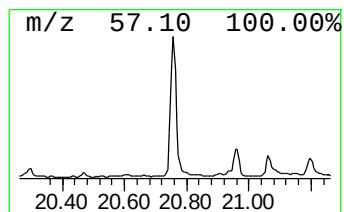
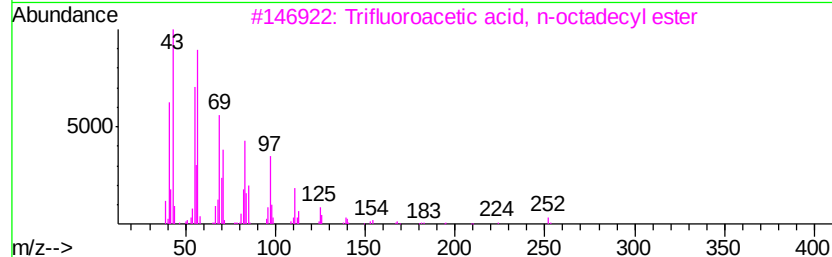
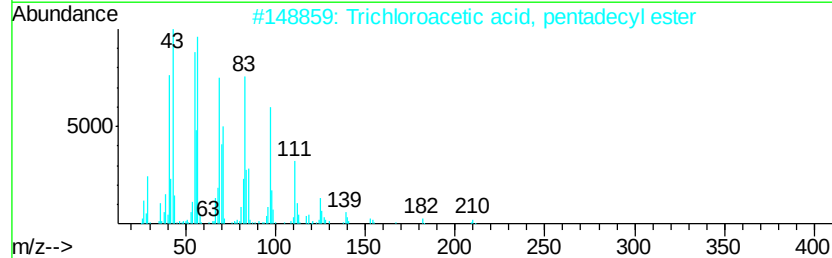
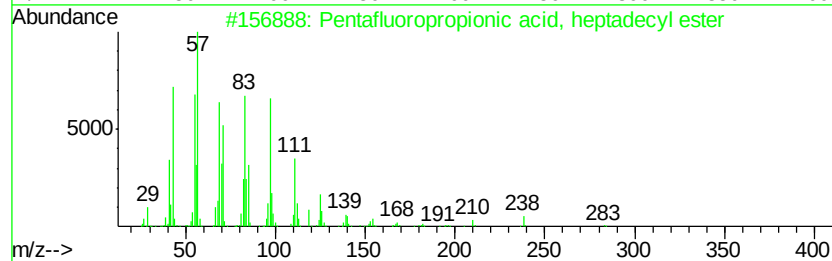
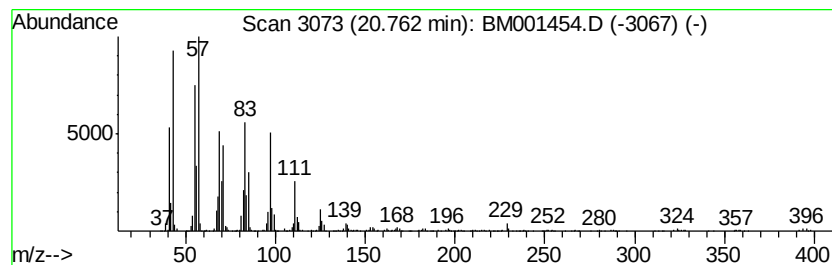
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Pentafluoropropionic acid, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	26.12 ng/ul	2778610	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentafluoropropionic acid, hepta...	402 C20H35F5O2	1000283-04-2 94
2		Trichloroacetic acid, pentadecyl...	372 C17H31Cl3O2	074339-53-0 91
3		Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1 91
4		1-Tricosene	322 C23H46	018835-32-0 91
5		1-Heneicosyl formate	340 C22H44O2	077899-03-7 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Sample : G2411-02
Misc :
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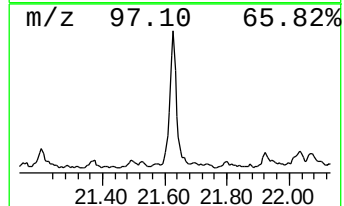
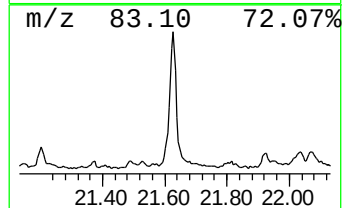
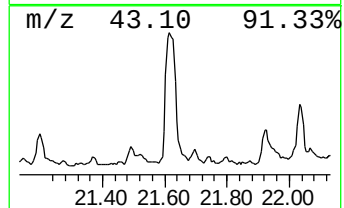
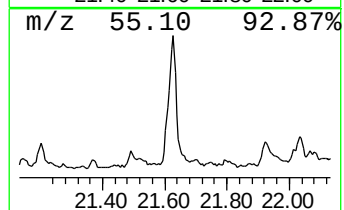
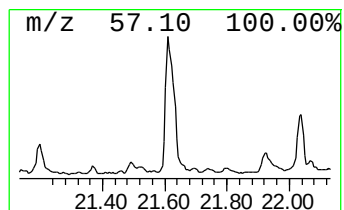
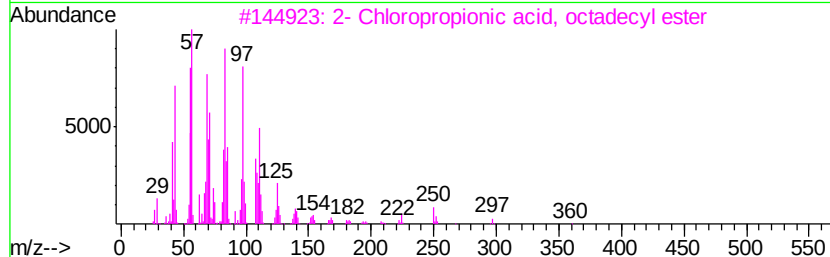
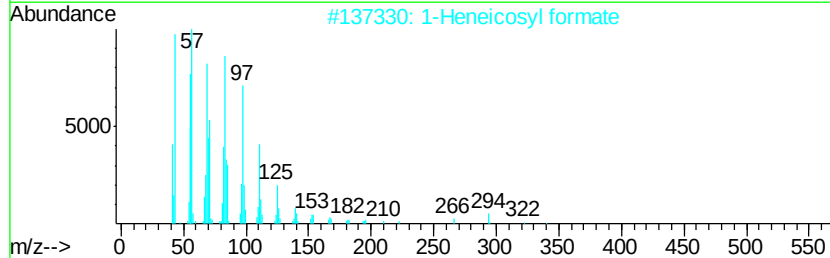
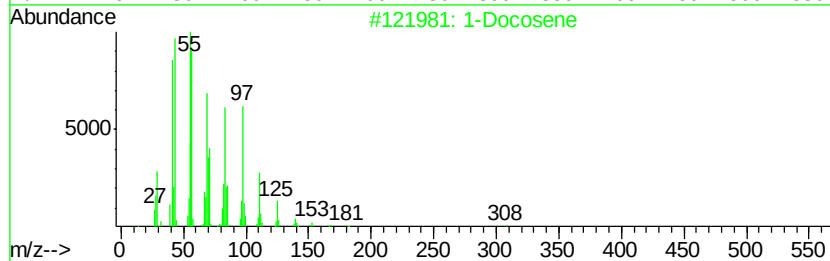
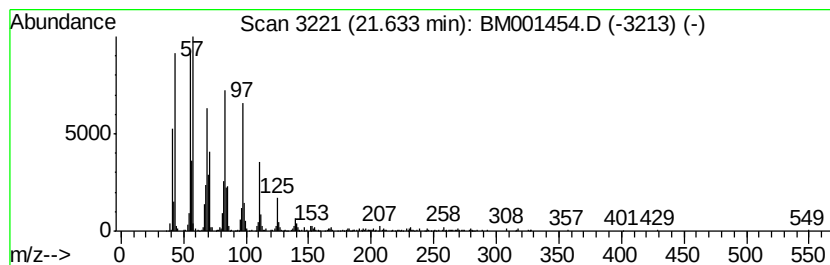
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Branched-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.63	16.96 ng/ul	1804290	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 94
2	1-Heneicosyl formate		340 C22H44O2	077899-03-7 91
3	2-Chloropropionic acid, octadec...		360 C21H41ClO2	088104-31-8 91
4	13-Tetradecen-1-ol acetate		254 C16H30O2	056221-91-1 91
5	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

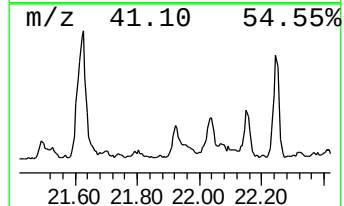
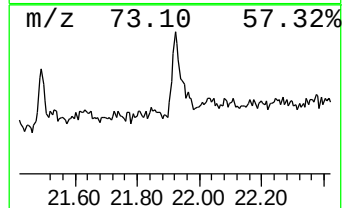
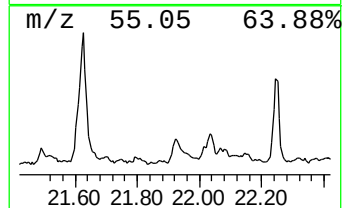
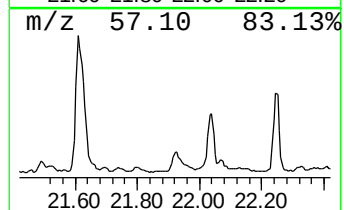
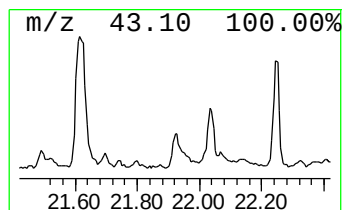
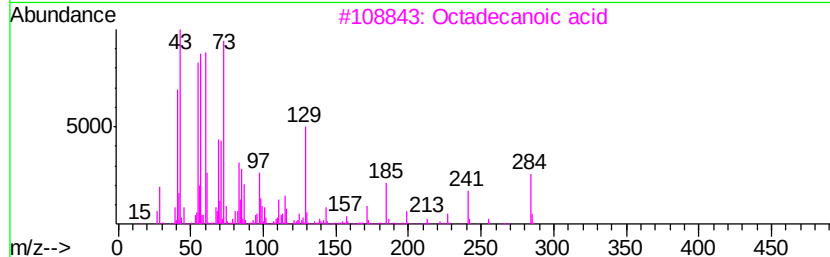
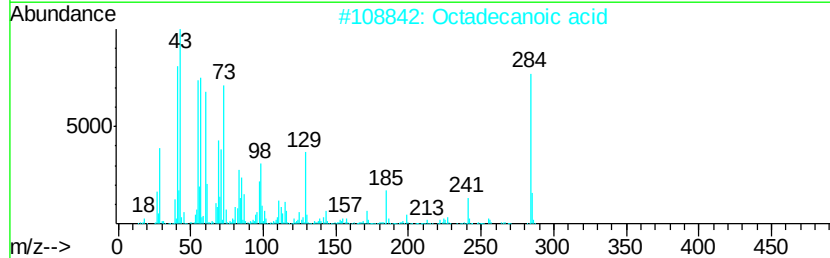
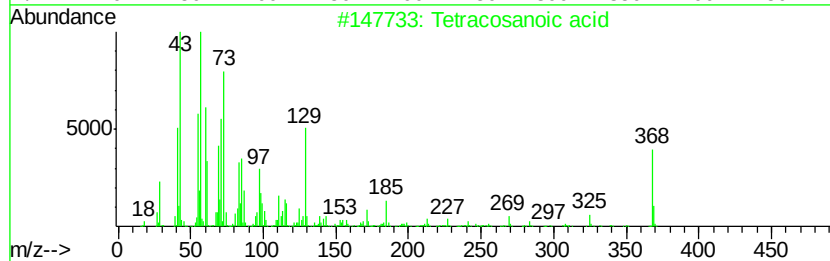
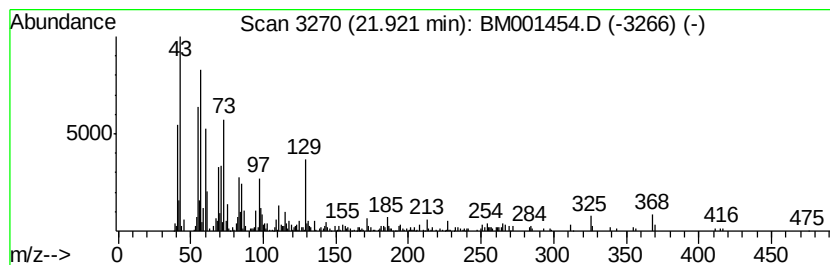
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 Tetracosanoic acid Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.	
21.92	6.30 ng/ul	670254	Chrysene-d12		21.03	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosanoic acid	368	C24H48O2	000557-59-5	95
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	86
4		Octadecanoic acid	284	C18H36O2	000057-11-4	58
5		Pyrrole-2-carboxylic acid, 4-(1-...	339	C19H30ClNO2	1000295-53-6	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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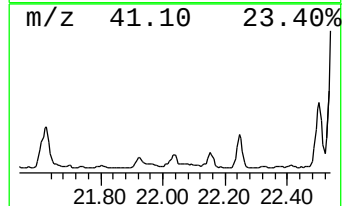
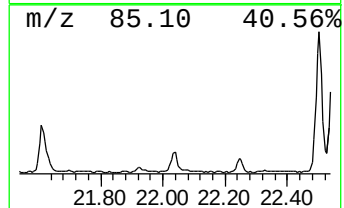
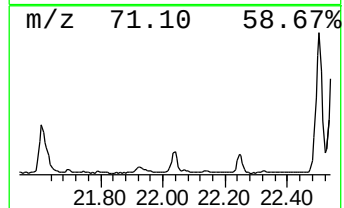
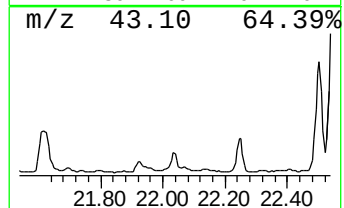
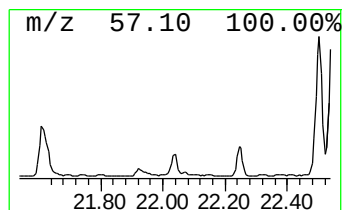
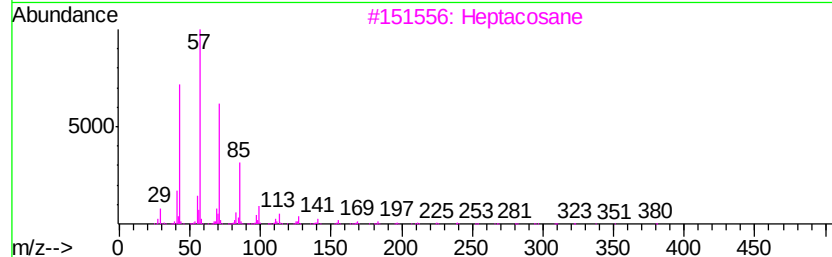
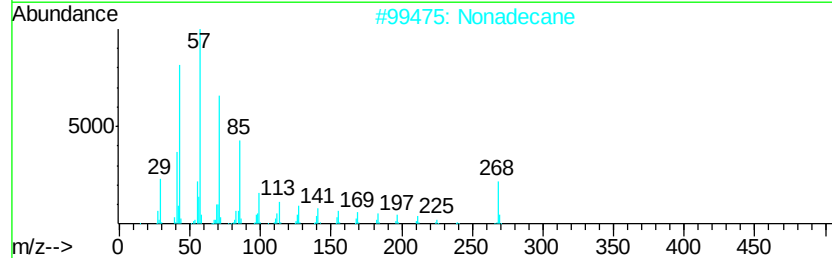
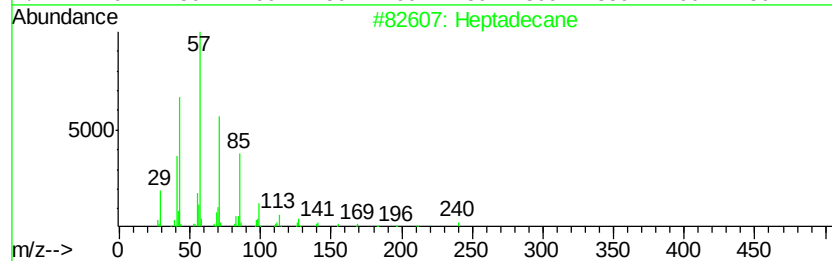
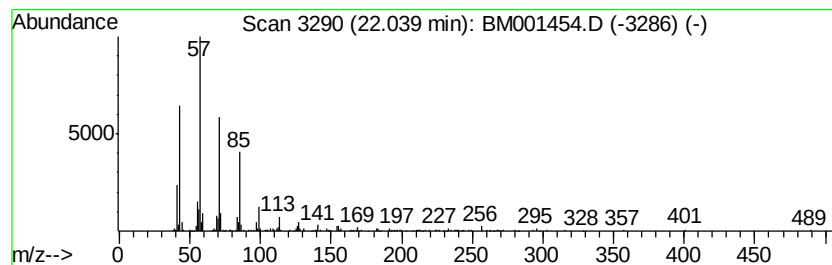
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	3.17 ng/ul	337434	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	89
2		Nonadecane	268	C19H40	000629-92-5	76
3		Heptacosane	380	C27H56	000593-49-7	74
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
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Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

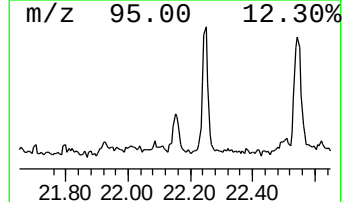
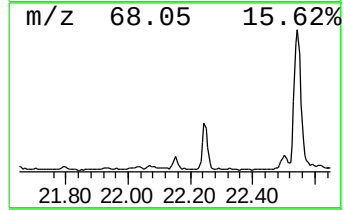
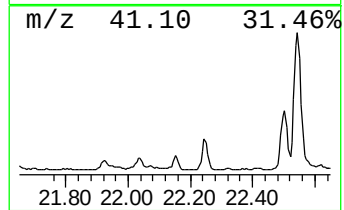
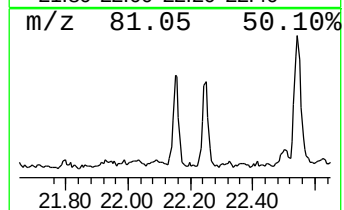
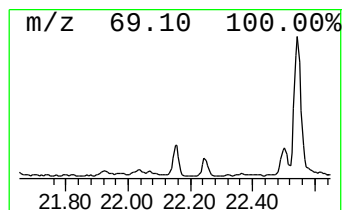
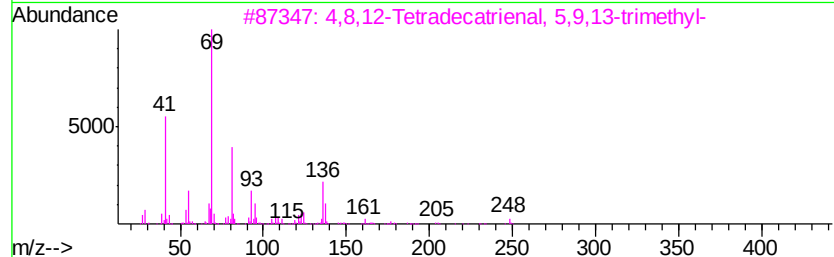
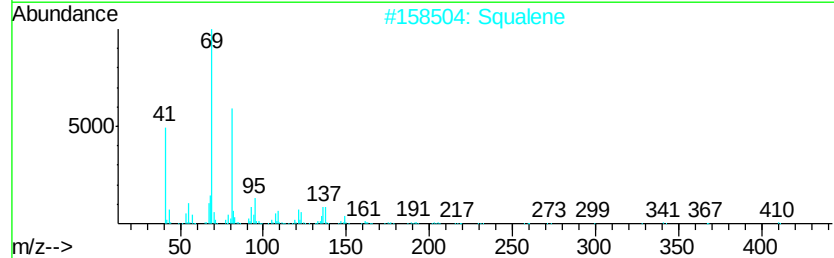
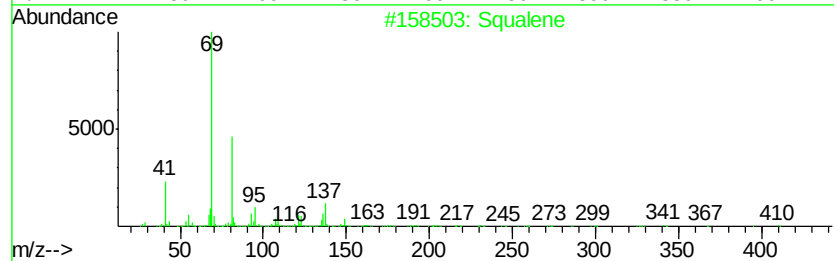
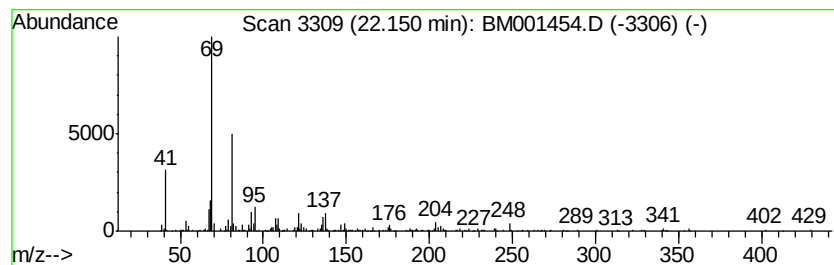
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 Squalene Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.15	4.04 ng/ul	363926	Perylene-d12	23.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Squalene		410 C30H50	007683-64-9 83
2	Squalene		410 C30H50	007683-64-9 83
3	4,8,12-Tetradecatrienal, 5,9,13-...		248 C17H28O	066408-55-7 80
4	2,6,10,14,18,22-Tetracosahexaene...		410 C30H50	000111-02-4 80
5	Docosa-2,6,10,14,18-pentaen-22-a...		384 C27H44O	1000163-04-7 72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Sample : G2411-02
Misc :
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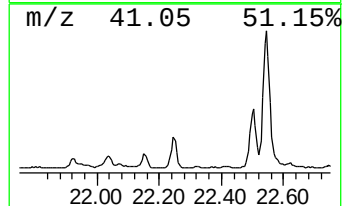
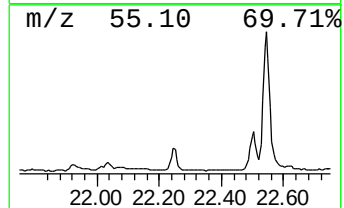
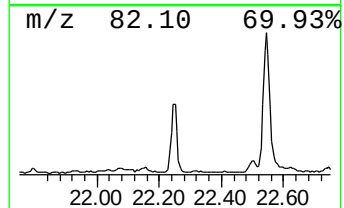
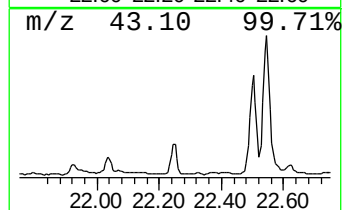
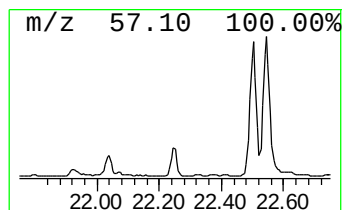
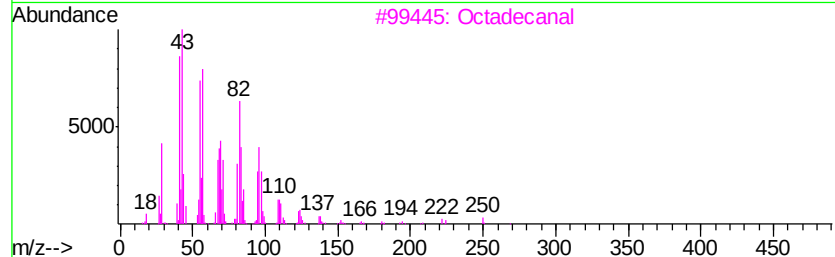
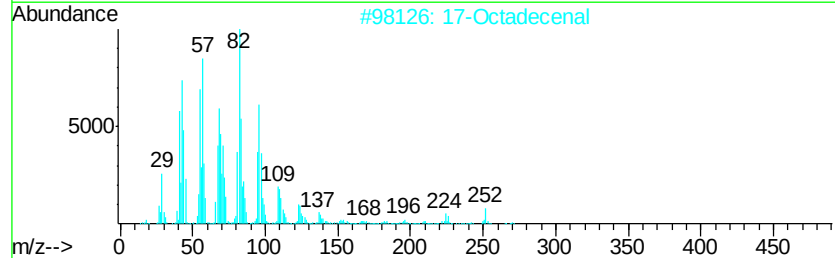
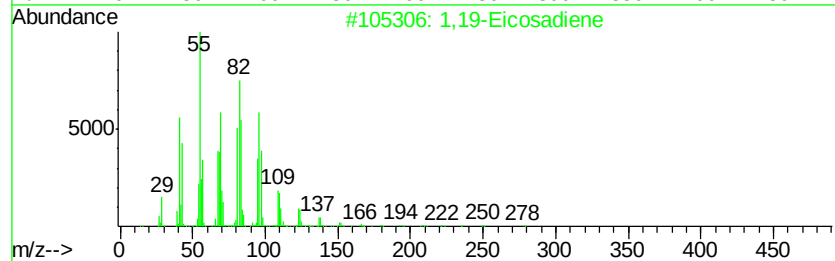
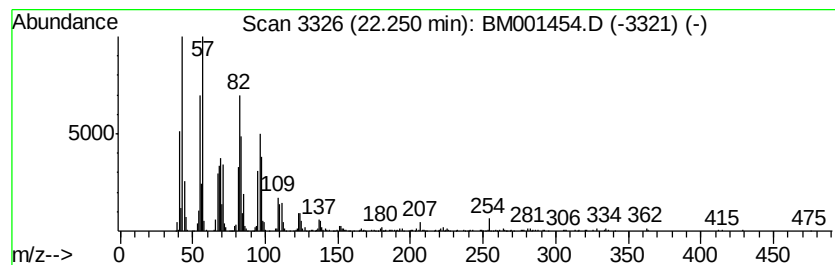
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 1,19-Eicosadiene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	11.43 ng/ul	1028840	Perylene-d12	23.11
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,19-Eicosadiene	278 C20H38	014811-95-1	95
2	17-Octadecenal	266 C18H34O	056554-86-0	94
3	Octadecanal	268 C18H36O	000638-66-4	93
4	Oxirane, tridecyl-	226 C15H30O	018633-25-5	91
5	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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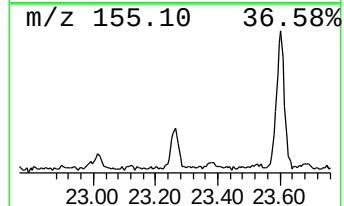
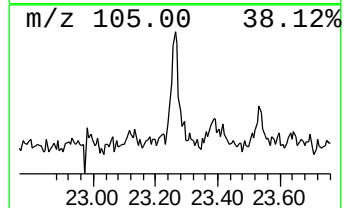
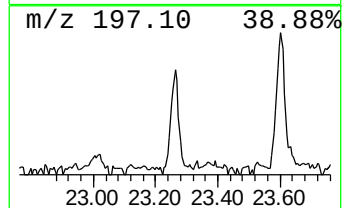
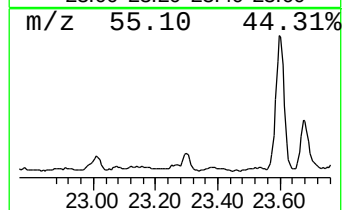
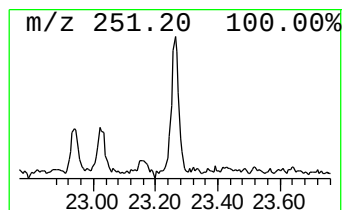
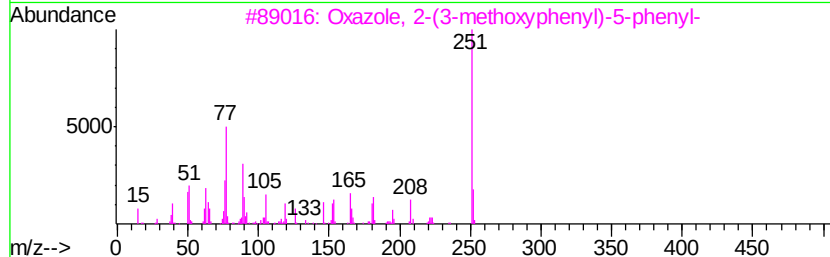
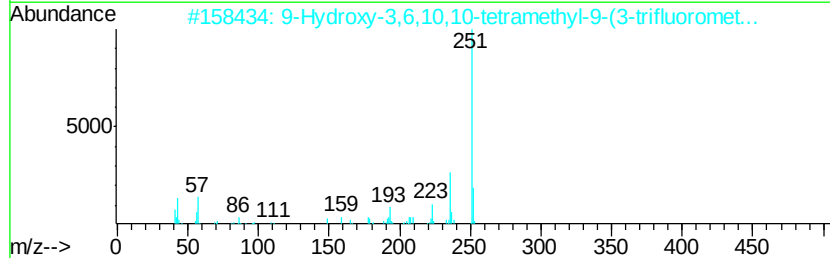
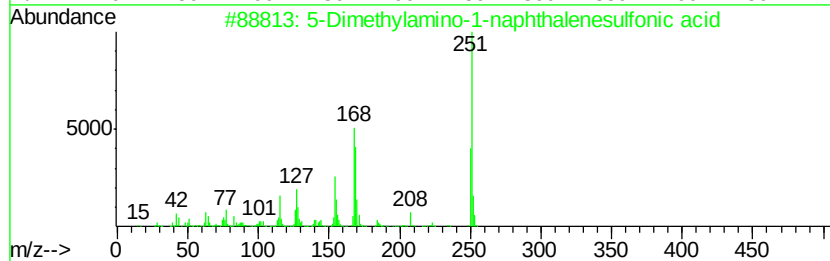
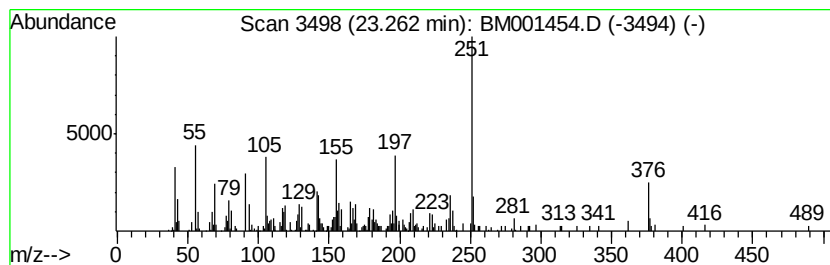
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 unknown-03 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	2.60 ng/ul	233640	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Dimethylamino-1-naphthalenesul...	251	C12H13N03S	004272-77-9	46
2		9-Hydroxy-3,6,10,10-tetramethyl-...	410	C26H25F3O	142728-01-6	43
3		Oxazole, 2-(3-methoxyphenyl)-5-p...	251	C16H13N02	038705-20-3	41
4		2-(4-Cyanophenyl)-5-dimethylamin...	251	C14H13N5	150405-58-6	41
5		Benz[c]acridine, 1,2,3,4,8,9,10,...	251	C18H21N	055044-73-0	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB5

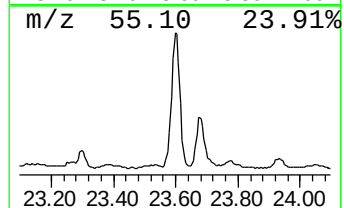
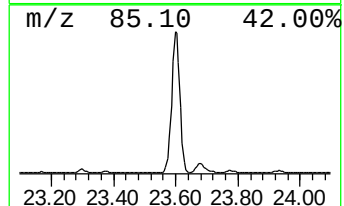
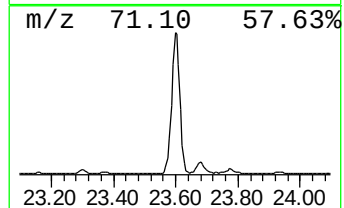
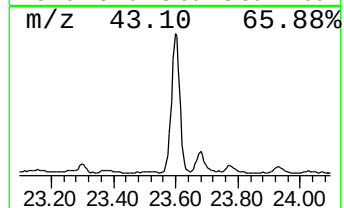
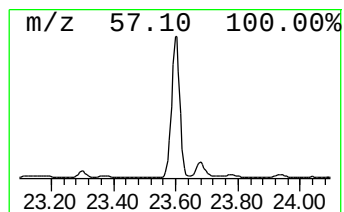
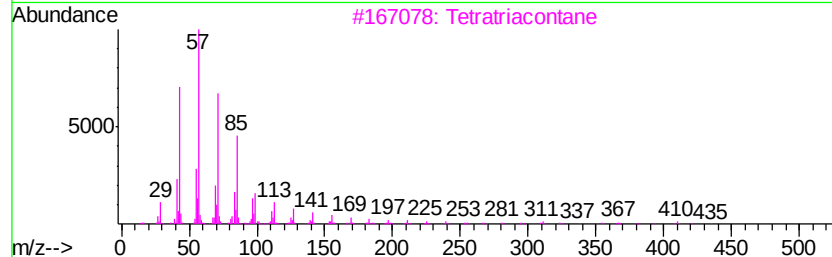
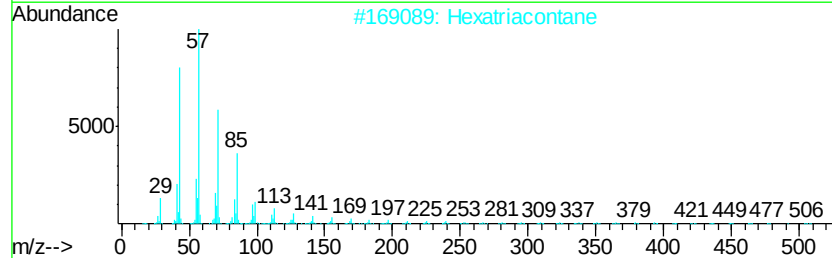
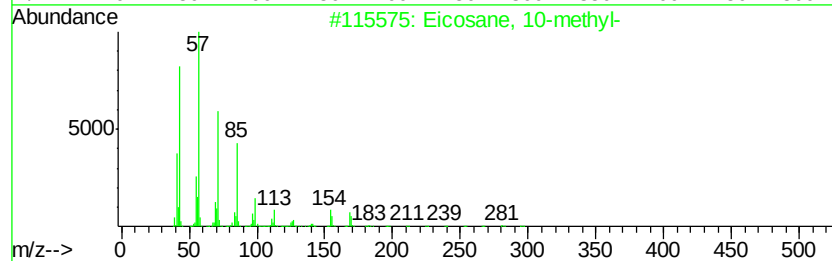
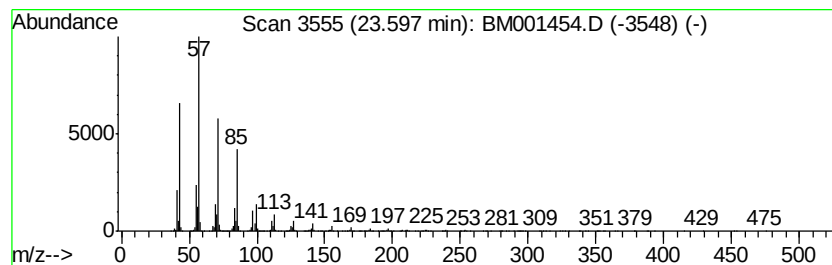
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	62.38 ng/ul	5614630	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2		Hexatriacontane	507	C36H74	000630-06-8	91
3		Tetratriacontane	479	C34H70	014167-59-0	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB5

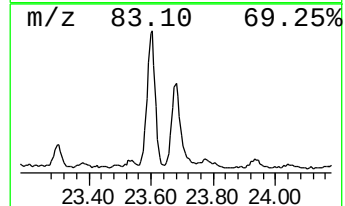
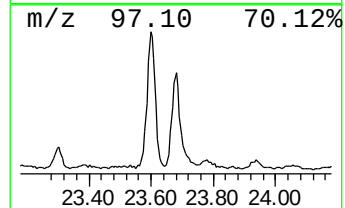
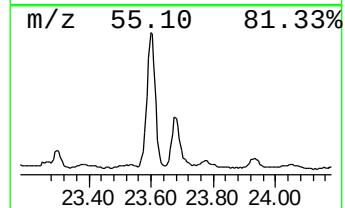
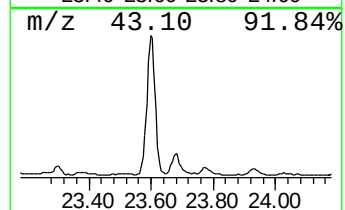
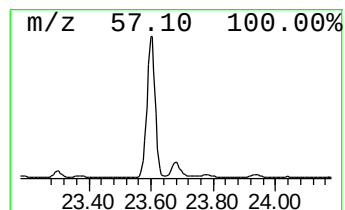
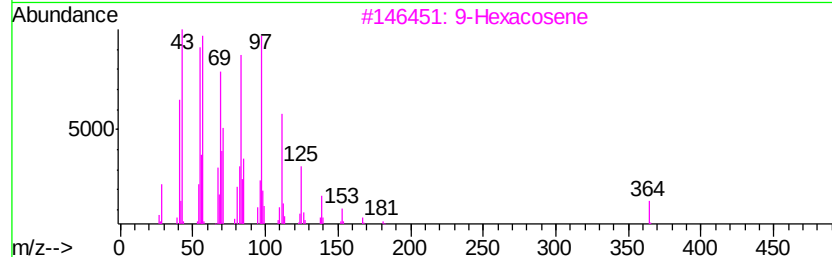
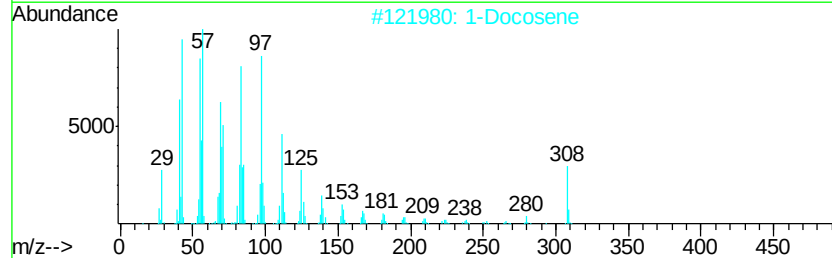
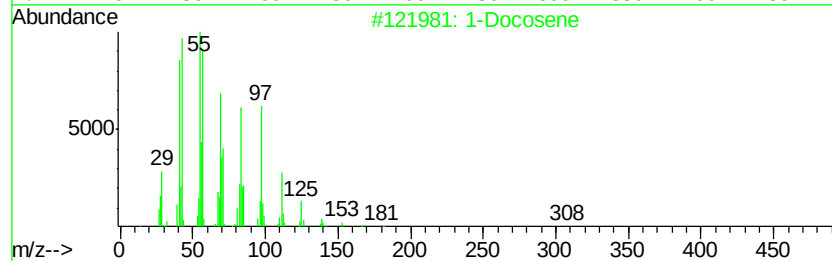
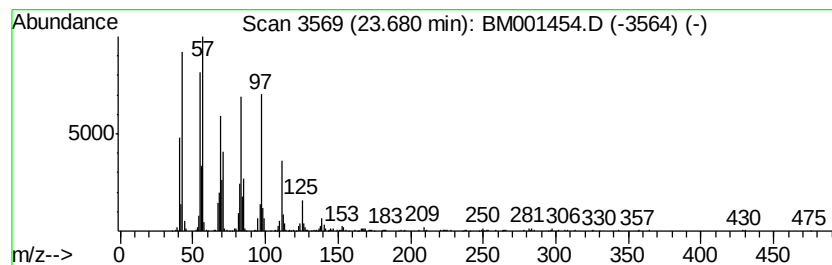
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Branched-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	12.87 ng/ul	1158210	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Docosene	308	C22H44	001599-67-3	96
2		1-Docosene	308	C22H44	001599-67-3	95
3		9-Hexacosene	364	C26H52	071502-22-2	91
4		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB5

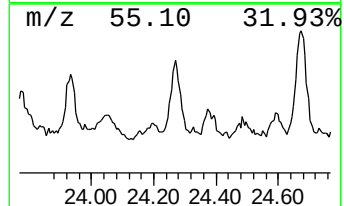
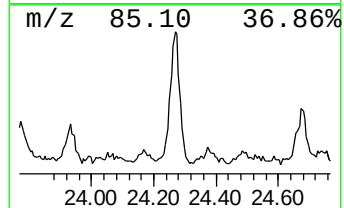
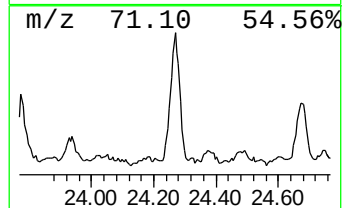
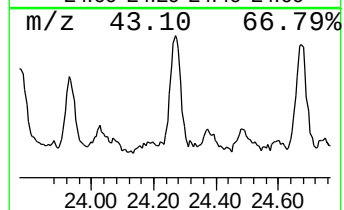
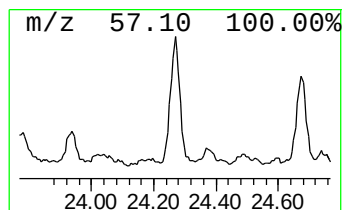
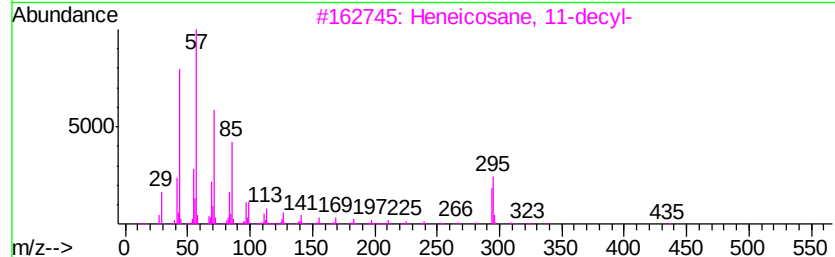
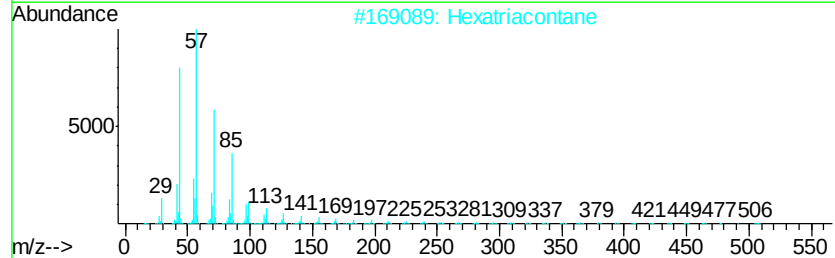
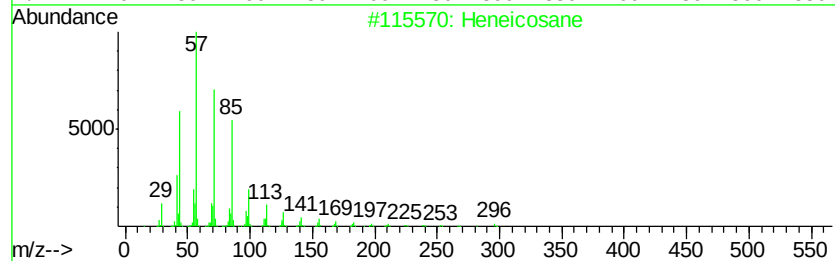
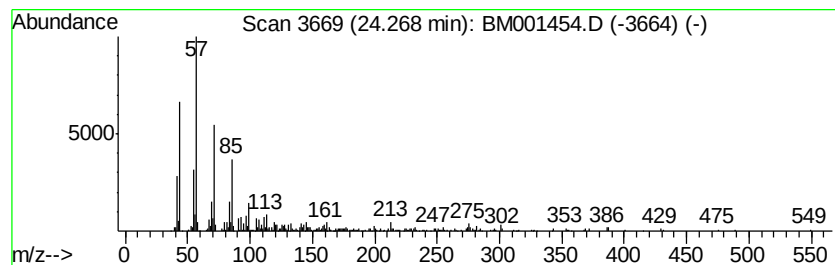
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	6.50 ng/ul	585462	Perylene-d12	23.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	91
2			Hexatriacontane	507	C36H74	000630-06-8	83
3			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	83
4			Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
5			Tritetracontane	605	C43H88	007098-21-7	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB5

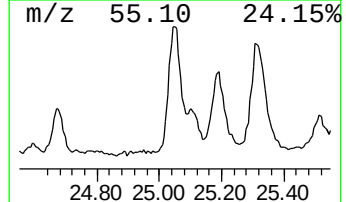
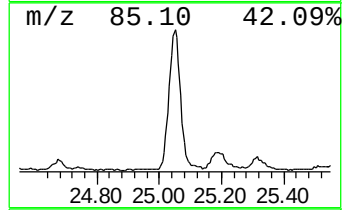
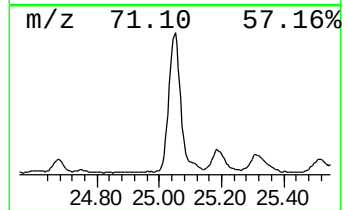
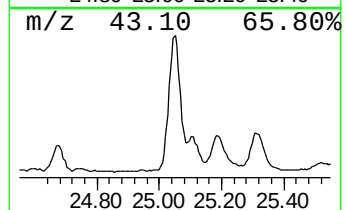
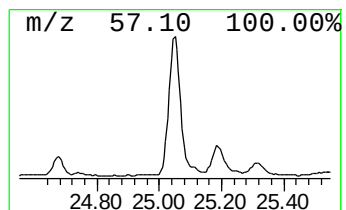
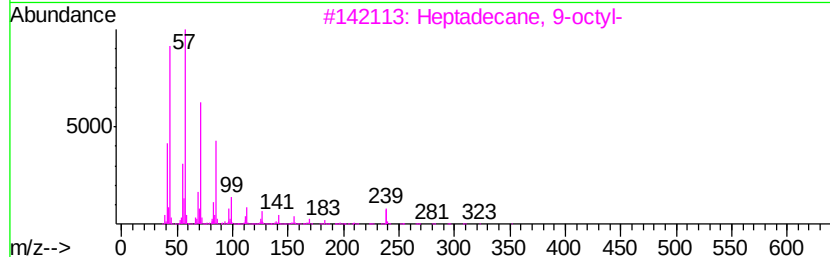
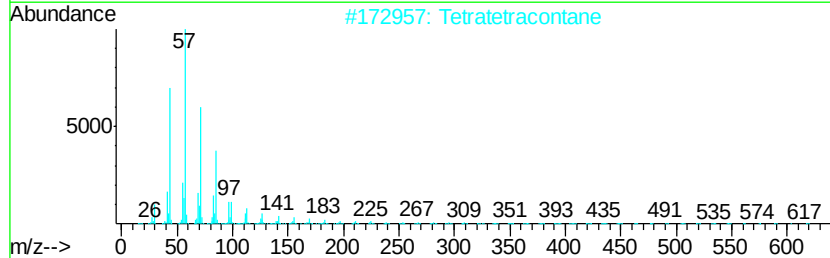
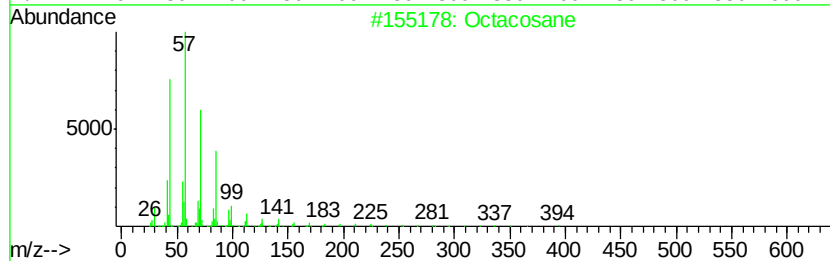
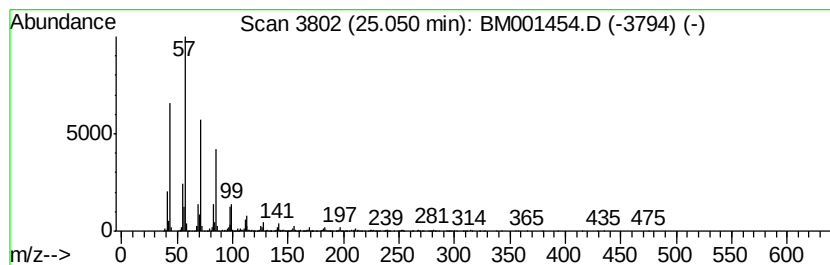
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.05	33.74 ng/ul	3037020	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Heptacosane	380	C27H56	000593-49-7	91
5		Tetratriacontane	479	C34H70	014167-59-0	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001454.D
Acq On : 29 May 2015 21:32
Operator : TP/IZ
Sample : G2411-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRB5

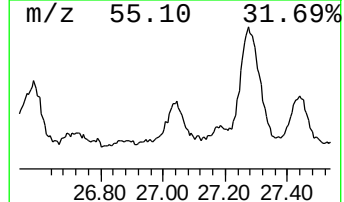
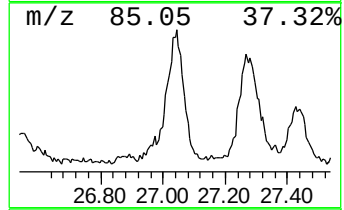
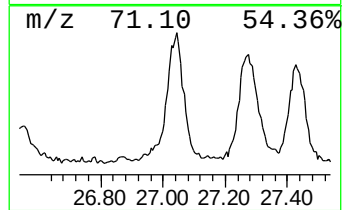
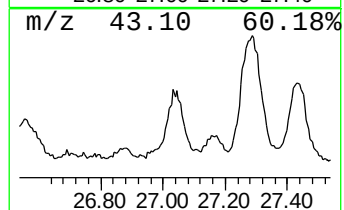
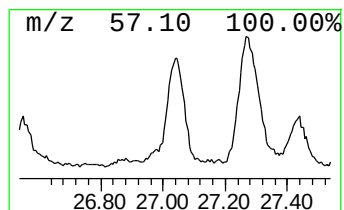
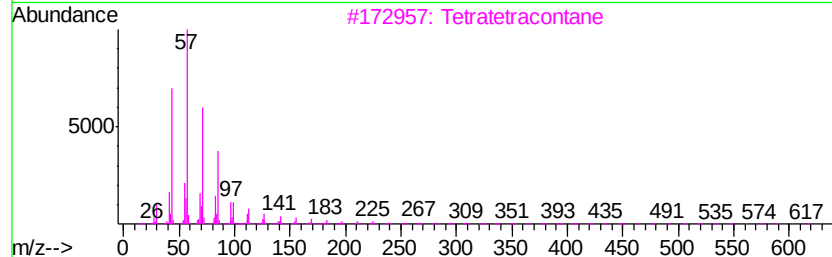
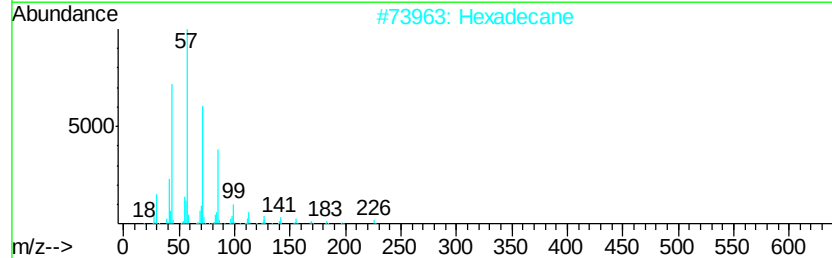
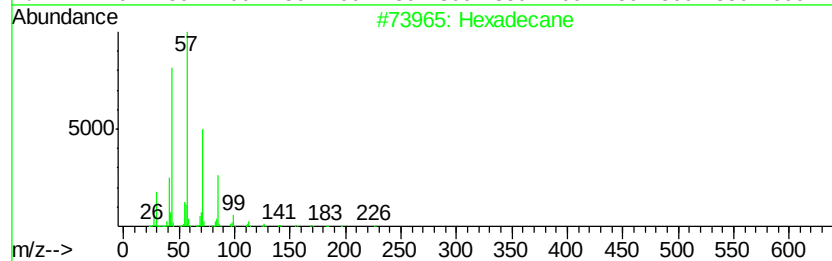
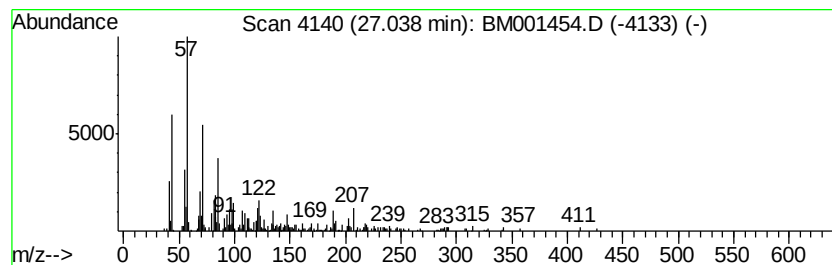
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Quant Title : SVOA CALIBRATION

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

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.04	7.49 ng/ul	674113	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	89
2		Hexadecane	226	C16H34	000544-76-3	86
3		Tetratetracontane	619	C44H90	007098-22-8	50
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	50
5		1-Iodoundecane	282	C11H23I	004282-44-4	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001454.D
 Acq On : 29 May 2015 21:32
 Operator : TP/IZ
 Sample : G2411-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRB5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.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
1,1'-Biphenyl, 2,...	17.43	6.0	ng/ul	616004	4	16.82	2055150	20.0
unknown-01	17.68	5.3	ng/ul	544428	4	16.82	2055150	20.0
n-Hexadecanoic acid	17.74	19.0	ng/ul	1949670	4	16.82	2055150	20.0
1,1'-Biphenyl, 2,...	17.90	10.2	ng/ul	1051410	4	16.82	2055150	20.0
1,1'-Biphenyl, 2,...	17.96	2.8	ng/ul	287938	4	16.82	2055150	20.0
1,1'-Biphenyl, 2,...	18.18	3.9	ng/ul	398546	4	16.82	2055150	20.0
1,1'-Biphenyl, 2,...	18.67	5.3	ng/ul	544454	4	16.82	2055150	20.0
1,1'-Biphenyl, 2,...	18.73	6.9	ng/ul	706749	4	16.82	2055150	20.0
1,1'-Biphenyl, 2,...	18.76	20.3	ng/ul	2087580	4	16.82	2055150	20.0
1,1'-Biphenyl, 2,...	18.97	5.3	ng/ul	564969	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.04	31.7	ng/ul	3368870	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.11	9.4	ng/ul	995847	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.31	6.8	ng/ul	722643	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.39	10.9	ng/ul	1164730	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.44	3.9	ng/ul	409101	5	21.03	2127860	20.0
1,1'-Biphenyl, 2'...	19.50	26.3	ng/ul	2797540	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.62	5.4	ng/ul	570772	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.76	16.9	ng/ul	1796300	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	19.96	4.6	ng/ul	490601	5	21.03	2127860	20.0
1,1'-Biphenyl, 3,...	20.04	17.9	ng/ul	1908950	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	20.19	5.1	ng/ul	540688	5	21.03	2127860	20.0
1,1'-Biphenyl, 2,...	20.36	31.8	ng/ul	3386260	5	21.03	2127860	20.0
unknown-02	20.50	3.1	ng/ul	326383	5	21.03	2127860	20.0
Pentafluoropropio...	20.76	26.1	ng/ul	2778610	5	21.03	2127860	20.0
(DEL) Alkane: Bra...	21.63	17.0	ng/ul	1804290	5	21.03	2127860	20.0
Tetracosanoic acid	21.92	6.3	ng/ul	670254	5	21.03	2127860	20.0
(DEL) Alkane: Str...	22.04	3.2	ng/ul	337434	5	21.03	2127860	20.0
Squalene	22.15	4.0	ng/ul	363926	6	23.11	1800090	20.0
1,19-Eicosadiene	22.25	11.4	ng/ul	1028840	6	23.11	1800090	20.0
unknown-03	23.26	2.6	ng/ul	233640	6	23.11	1800090	20.0
(DEL) Alkane: Str...	23.60	62.4	ng/ul	5614630	6	23.11	1800090	20.0
(DEL) Alkane: Bra...	23.68	12.9	ng/ul	1158210	6	23.11	1800090	20.0
(DEL) Alkane: Str...	24.27	6.5	ng/ul	585462	6	23.11	1800090	20.0
(DEL) Alkane: Str...	25.05	33.7	ng/ul	3037020	6	23.11	1800090	20.0
(DEL) Alkane: Str...	27.04	7.5	ng/ul	674113	6	23.11	1800090	20.0