

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001476.D
 Acq On : 30 May 2015 15:47
 Operator : TP/IZ
 Sample : G2411-09RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCR00RE

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	3.334	105	110	119	rBV	231976	291508	3.08%	0.321%
2	4.110	238	242	249	rVB2	76045	103119	1.09%	0.113%
3	4.581	317	322	331	rVV	69039	106470	1.12%	0.117%
4	5.899	543	546	558	rVV	54377	110548	1.17%	0.122%
5	6.581	656	662	674	rVB	538778	893499	9.44%	0.983%
6	6.722	678	686	694	rBV	389503	586488	6.19%	0.645%
7	6.910	712	718	727	rVV	553128	847616	8.95%	0.933%
8	7.022	727	737	743	rVV5	46894	119207	1.26%	0.131%
9	7.375	789	797	802	rBV	665203	1033283	10.91%	1.137%
10	8.116	916	923	929	rBV	514255	795807	8.41%	0.876%
11	8.198	929	937	944	rVB	168136	301015	3.18%	0.331%
12	8.534	988	994	1003	rVV	492061	766736	8.10%	0.844%
13	8.610	1003	1007	1016	rVV2	60414	89497	0.95%	0.098%
14	9.251	1110	1116	1123	rBV	438321	698805	7.38%	0.769%
15	9.463	1145	1152	1160	rVV	81176	184439	1.95%	0.203%
16	9.798	1202	1209	1217	rVV	651648	1054707	11.14%	1.161%
17	10.157	1261	1270	1276	rBV	935465	1495460	15.79%	1.646%
18	10.316	1288	1297	1306	rBV4	38352	117855	1.24%	0.130%
19	11.604	1510	1516	1523	rBV	89489	137931	1.46%	0.152%
20	12.392	1644	1650	1657	rVV	62813	112048	1.18%	0.123%
21	12.657	1688	1695	1701	rBV	100698	150591	1.59%	0.166%
22	12.886	1730	1734	1742	rVB2	86334	130989	1.38%	0.144%
23	13.480	1830	1835	1840	rVV	902360	1311038	13.85%	1.443%
24	13.528	1840	1843	1852	rVV	336095	503259	5.32%	0.554%
25	13.751	1875	1881	1894	rVV	1209502	1797242	18.98%	1.978%
26	13.980	1916	1920	1924	rVB	81005	100529	1.06%	0.111%
27	14.063	1928	1934	1942	rVB2	1145844	1697787	17.93%	1.868%
28	14.304	1964	1975	1983	rBV	431031	695822	7.35%	0.766%
29	14.439	1994	1998	2007	rBV6	47081	101373	1.07%	0.112%
30	14.522	2007	2012	2022	rVV	335379	501653	5.30%	0.552%
31	14.939	2079	2083	2087	rVB	80329	97777	1.03%	0.108%
32	15.063	2098	2104	2110	rBV	1482281	2021039	21.35%	2.224%
33	15.204	2123	2128	2139	rVB	315771	414634	4.38%	0.456%
34	15.804	2226	2230	2232	rBV	85956	109784	1.16%	0.121%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	16.245	2298	2305	2310	rBV7	59796	146119	1.54%	0.161%
36	16.598	2362	2365	2368	rVV2	77892	92243	0.97%	0.102%
37	16.639	2368	2372	2380	rVV4	60249	96542	1.02%	0.106%
38	16.739	2385	2389	2396	rVV4	67364	89466	0.94%	0.098%
39	16.816	2396	2402	2407	rVV	1325361	1849372	19.53%	2.035%
40	16.857	2407	2409	2413	rVV	80334	93352	0.99%	0.103%
41	16.916	2413	2419	2430	rVV	1465069	2106521	22.25%	2.318%
42	17.333	2486	2490	2493	rBV2	76008	93700	0.99%	0.103%
43	17.427	2502	2506	2510	rVB2	79854	117632	1.24%	0.129%
44	17.539	2522	2525	2531	rVB	228209	289768	3.06%	0.319%
45	17.615	2531	2538	2544	rBV4	125371	277699	2.93%	0.306%
46	17.674	2544	2548	2553	rVB4	71986	115848	1.22%	0.127%
47	17.739	2553	2559	2567	rBV	1113610	1472642	15.55%	1.620%
48	17.892	2579	2585	2592	rBV3	281443	400327	4.23%	0.441%
49	18.027	2604	2608	2613	rVB2	114939	157406	1.66%	0.173%
50	18.174	2628	2633	2639	rBV5	137927	269030	2.84%	0.296%
51	18.292	2649	2653	2659	rBV3	61962	110576	1.17%	0.122%
52	18.668	2714	2717	2721	rBV2	130334	187412	1.98%	0.206%
53	18.721	2721	2726	2729	rVV2	1003201	1356703	14.33%	1.493%
54	18.751	2729	2731	2740	rVV4	402038	664283	7.02%	0.731%
55	18.833	2742	2745	2750	rVB4	85690	131427	1.39%	0.145%
56	18.886	2750	2754	2756	rBV	254991	346813	3.66%	0.382%
57	18.933	2756	2762	2775	rVV2	641970	1897239	20.04%	2.088%
58	19.039	2775	2780	2787	rVV3	887848	1537676	16.24%	1.692%
59	19.104	2787	2791	2797	rVB2	207962	288988	3.05%	0.318%
60	19.221	2806	2811	2815	rBV	1762233	2413822	25.49%	2.656%
61	19.304	2821	2825	2830	rBV4	136882	170865	1.80%	0.188%
62	19.386	2835	2839	2843	rVB2	236016	270497	2.86%	0.298%
63	19.433	2843	2847	2850	rBV3	114301	130536	1.38%	0.144%
64	19.492	2850	2857	2862	rVB	516355	633714	6.69%	0.697%
65	19.551	2863	2867	2870	rBV4	83197	123121	1.30%	0.135%
66	19.757	2898	2902	2907	rVV3	368111	569174	6.01%	0.626%
67	19.809	2907	2911	2916	rVB2	452969	568594	6.01%	0.626%
68	19.857	2916	2919	2922	rBV	132876	153879	1.63%	0.169%
69	19.968	2935	2938	2941	rVB3	108948	127925	1.35%	0.141%
70	20.039	2946	2950	2955	rBV2	296092	356738	3.77%	0.393%
71	20.086	2955	2958	2960	rBV2	153931	180411	1.91%	0.199%

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72	20.121	2960	2964	2971	rVB	507874	683697	7.22%	0.752%
73	20.274	2988	2990	2996	rVB5	104887	178967	1.89%	0.197%
74	20.356	2997	3004	3010	rBV2	519256	872080	9.21%	0.960%
75	20.604	3042	3046	3052	rBV	691006	1042362	11.01%	1.147%
76	20.662	3053	3056	3061	rVB4	171798	259081	2.74%	0.285%
77	20.751	3067	3071	3079	rBV	791999	1090822	11.52%	1.200%
78	20.833	3081	3085	3089	rVB	570003	621342	6.56%	0.684%
79	21.021	3112	3117	3121	rBV	1582848	2127467	22.47%	2.341%
80	21.068	3121	3125	3143	rVB2	2868013	4339690	45.83%	4.775%
81	21.274	3157	3160	3164	rVB	227836	232724	2.46%	0.256%
82	21.492	3194	3197	3203	rBV	247979	416969	4.40%	0.459%
83	21.621	3214	3219	3224	rBV2	263417	500769	5.29%	0.551%
84	21.698	3229	3232	3237	rVB2	231672	295689	3.12%	0.325%
85	21.874	3259	3262	3266	rVB2	217783	237256	2.51%	0.261%
86	21.921	3267	3270	3277	rBV2	375455	654909	6.92%	0.721%
87	22.033	3286	3289	3298	rVB	490121	701883	7.41%	0.772%
88	22.498	3364	3368	3372	rBV2	568381	850516	8.98%	0.936%
89	22.539	3372	3375	3385	rVB	1231074	1922996	20.31%	2.116%
90	22.986	3446	3451	3456	rBV2	1083481	1866507	19.71%	2.054%
91	23.115	3468	3473	3479	rVB	1034446	1668498	17.62%	1.836%
92	23.597	3550	3555	3562	rVB	687724	1236208	13.06%	1.360%
93	23.680	3565	3569	3577	rVB3	256798	439169	4.64%	0.483%
94	24.274	3666	3670	3676	rBV3	239077	442599	4.67%	0.487%
95	25.321	3841	3848	3864	rVB4	683440	2259528	23.86%	2.486%
96	25.856	3933	3939	3951	rVB6	828752	2794060	29.51%	3.075%
97	26.191	3987	3996	4011	rVB2	1354161	4851636	51.24%	5.339%
98	26.574	4053	4061	4074	rVB	778563	2415778	25.51%	2.658%
99	28.256	4334	4347	4370	rVB2	2244178	9468208	100.00%	10.419%
100	28.503	4378	4389	4409	rVB3	1794941	7036813	74.32%	7.743%

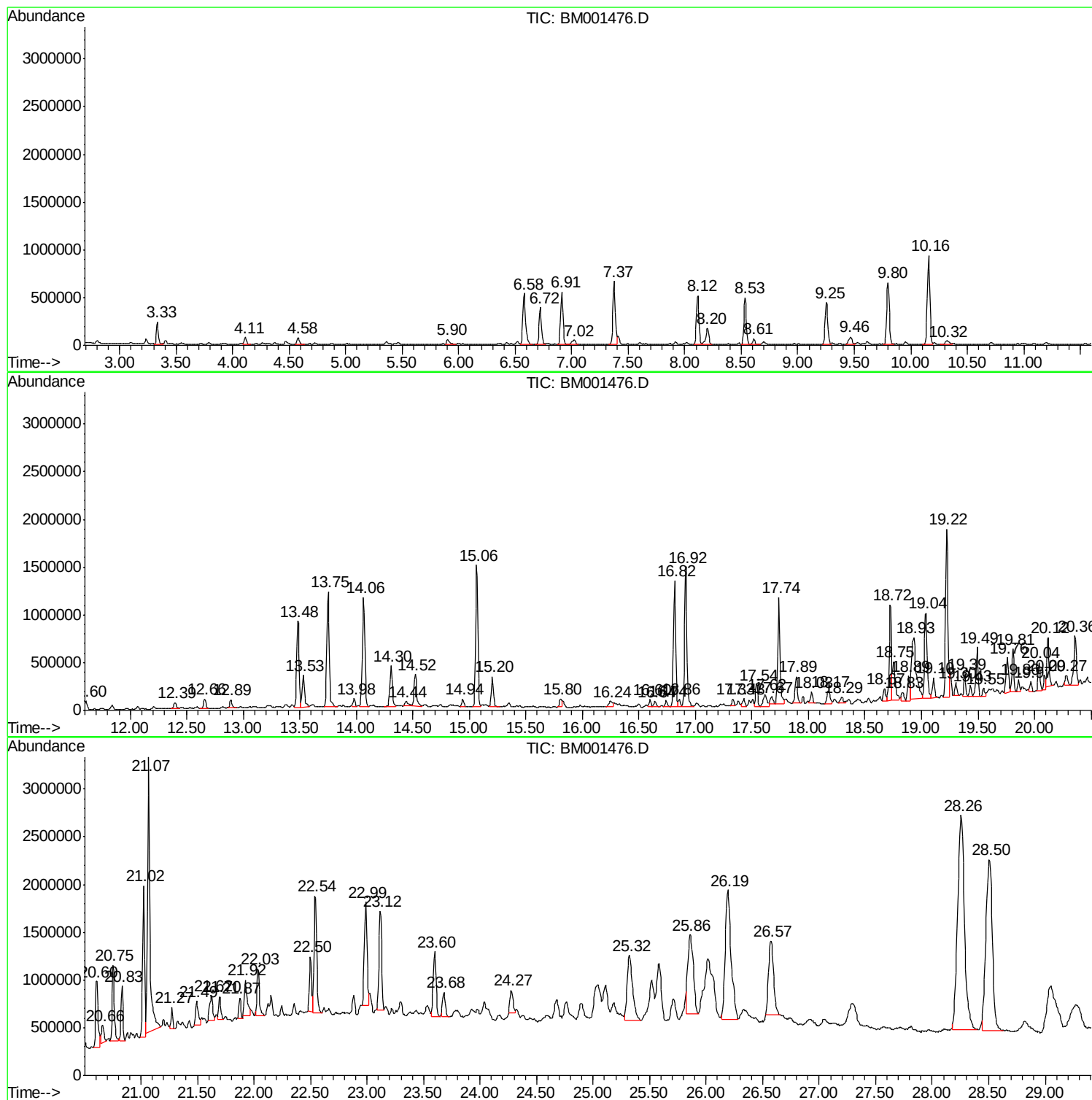
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Instrument :
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ClientSampleId :
BCRC0RE

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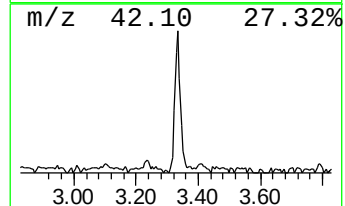
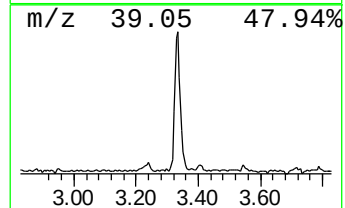
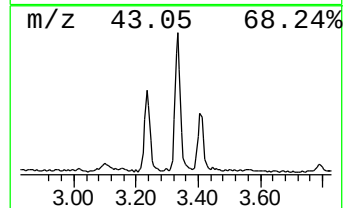
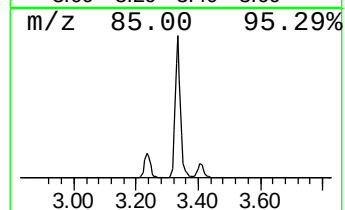
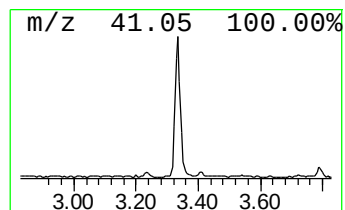
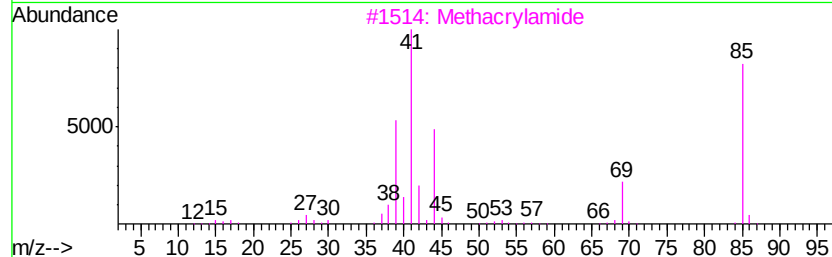
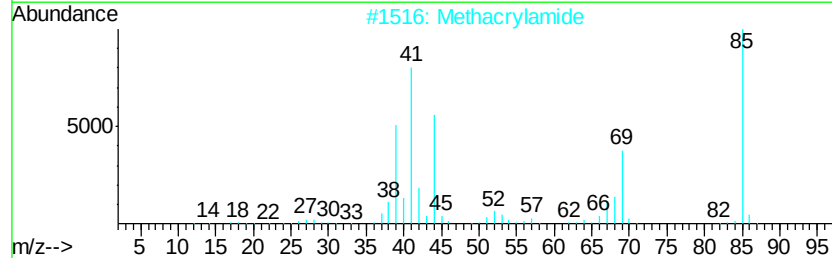
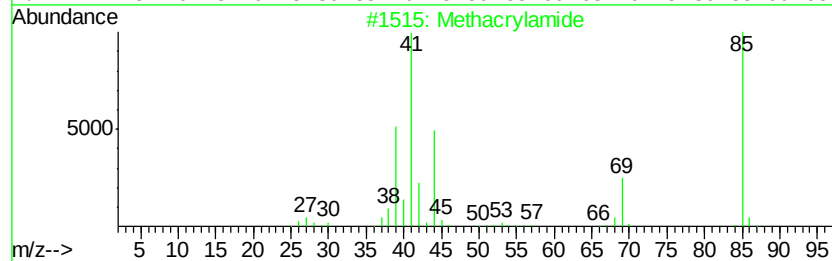
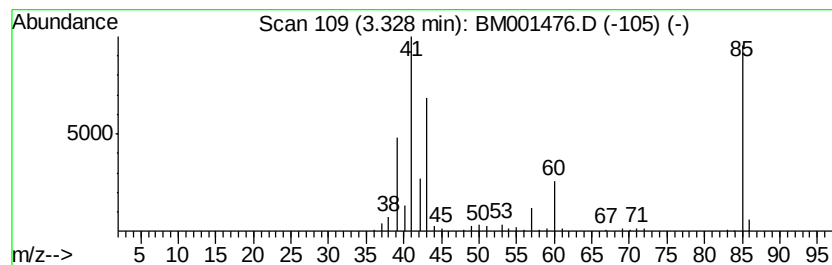
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Methacrylamide Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	5.64 ng/ul	291508	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	59
2		Methacrylamide	85	C4H7NO	000079-39-0	45
3		Methacrylamide	85	C4H7NO	000079-39-0	28
4		Propanal, 2-methyl-	72	C4H8O	000078-84-2	12
5		Isobutyl nitrite	103	C4H9NO2	000542-56-3	9



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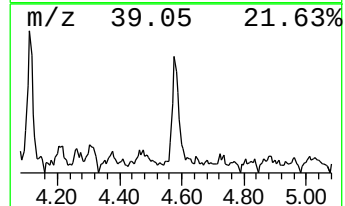
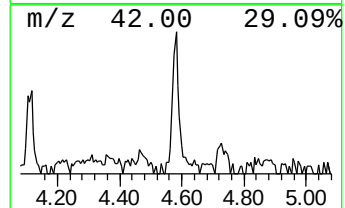
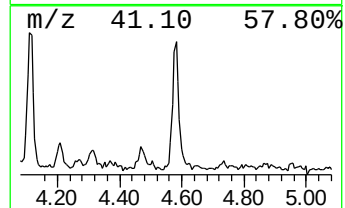
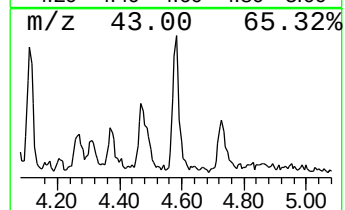
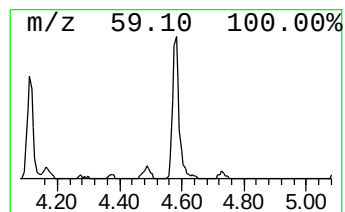
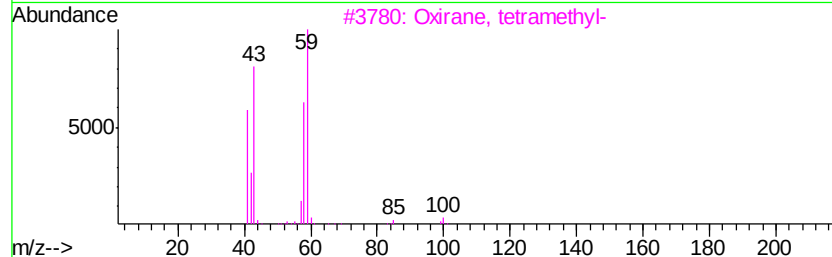
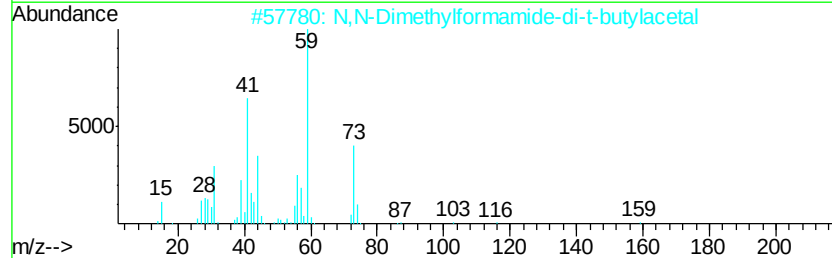
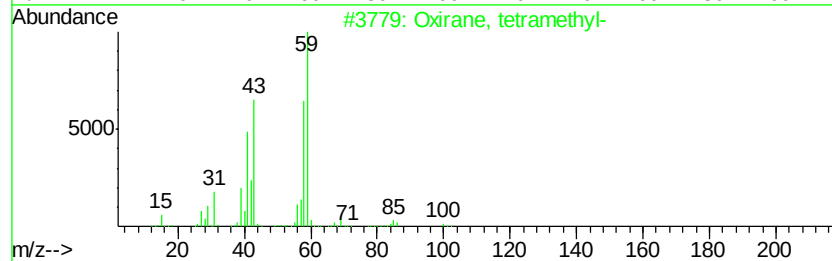
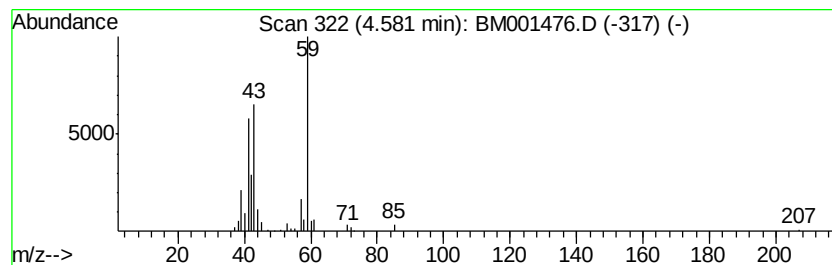
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Oxirane, tetramethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	2.06 ng/ul	106470	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	64
2		N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	59
3		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	56
4		Oxirane, tetramethyl-	100	C6H12O	005076-20-0	56
5		Guanidine, monothiocyanate	116	C2H4N4S	056960-89-5	50



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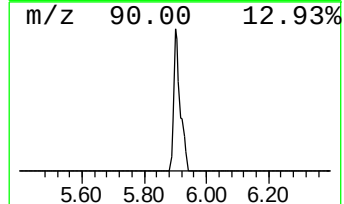
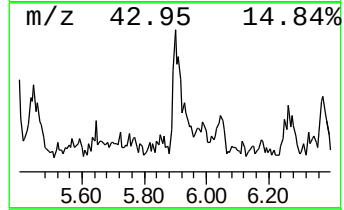
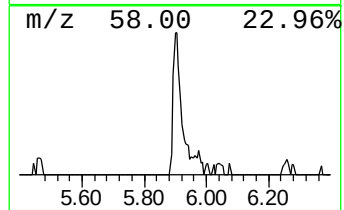
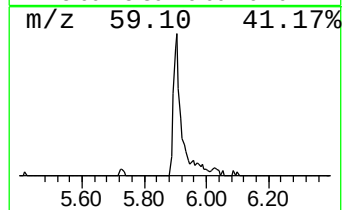
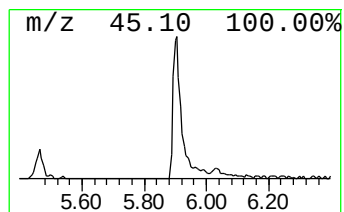
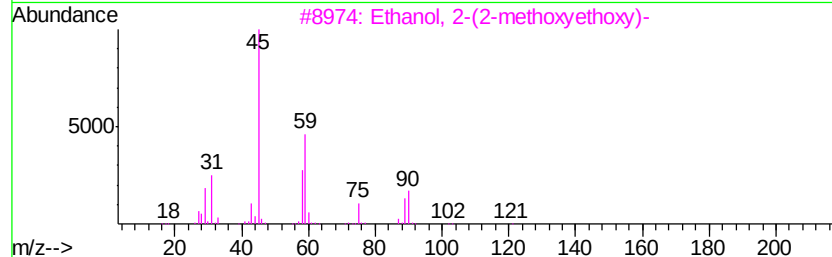
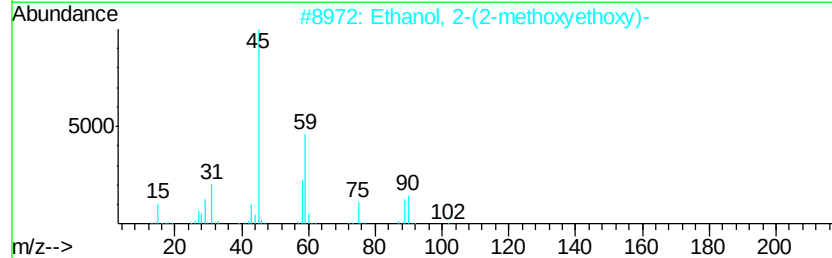
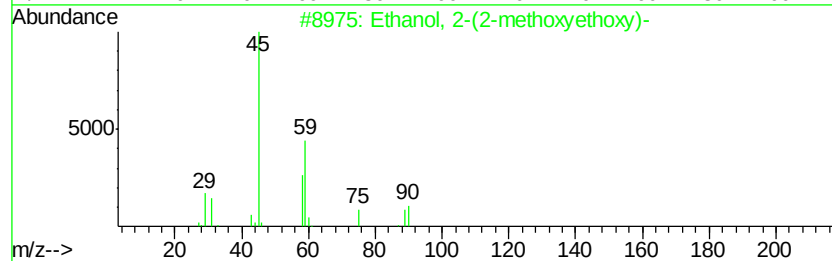
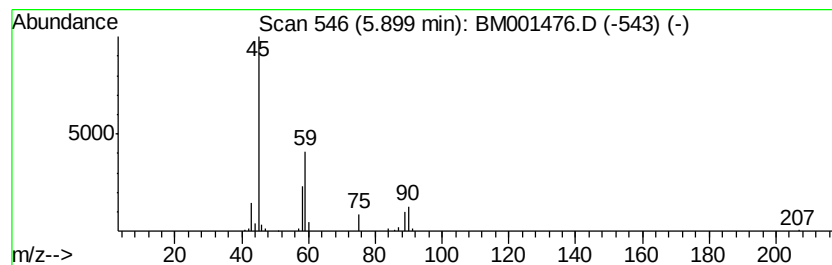
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	2.14 ng/ul	110548	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
3		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
4		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	74
5		Dimethyl-cyano-phosphine	87	C3H6NP	031641-57-3	40



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRCORE

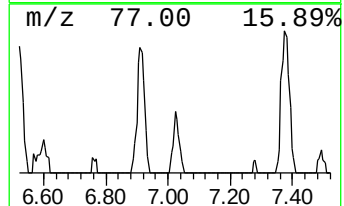
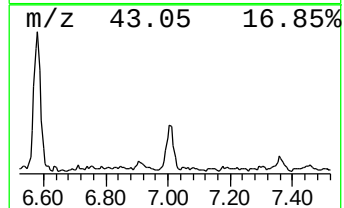
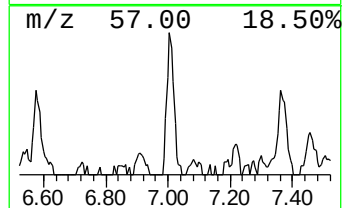
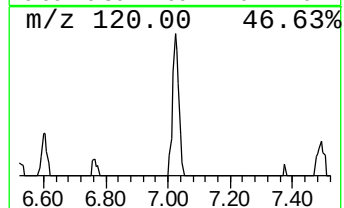
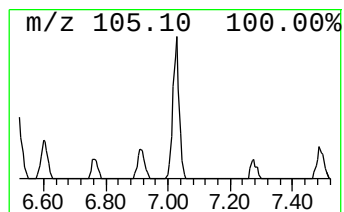
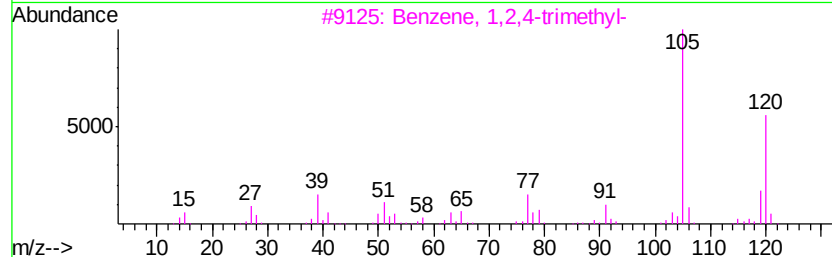
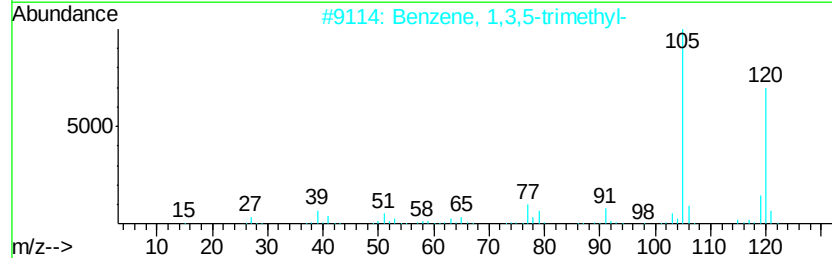
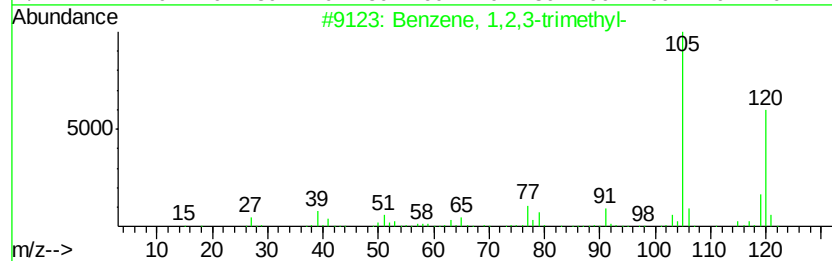
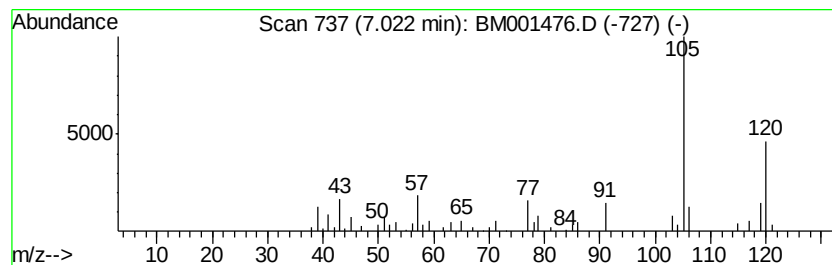
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.02	2.31 ng/ul	119207	1,4-Dichlorobenzene-d4	7.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90
5		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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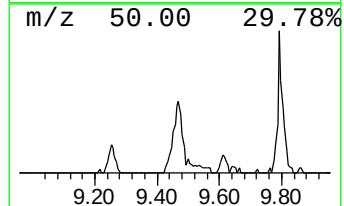
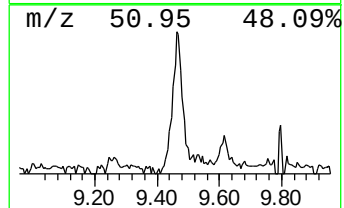
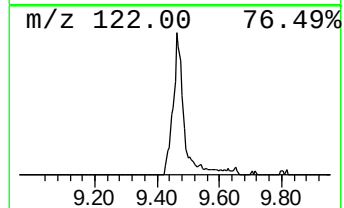
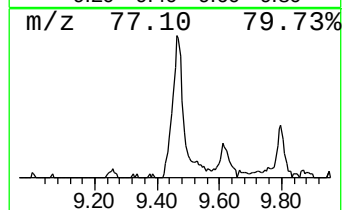
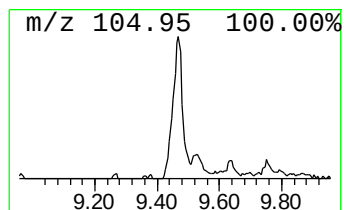
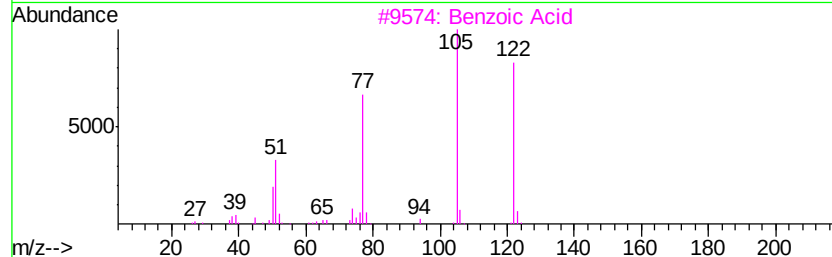
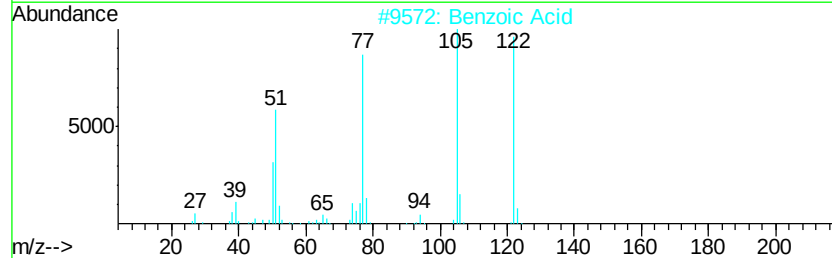
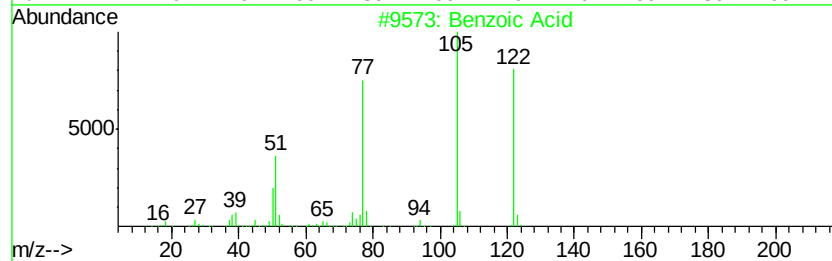
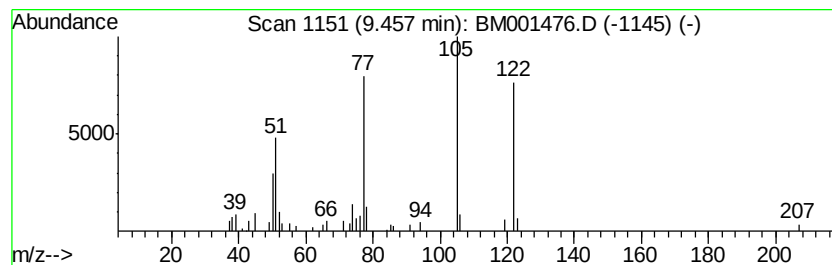
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzoic Acid Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	2.47 ng/ul	184439	Naphthalene-d8	10.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic Acid		122	C7H6O2	000065-85-0	95
2	Benzoic Acid		122	C7H6O2	000065-85-0	94
3	Benzoic Acid		122	C7H6O2	000065-85-0	91
4	Cyclobutane-1,1-dicarboxamide, N...		382	C20H18N2O6	1000253-25-3	90
5	Heptanediamide, N,N'-di-benzoyloxy-		398	C21H22N2O6	1000253-26-4	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

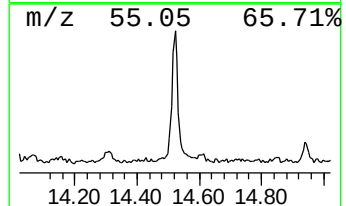
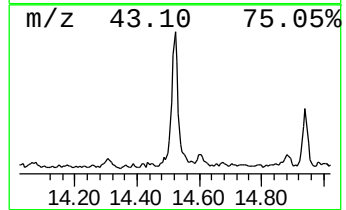
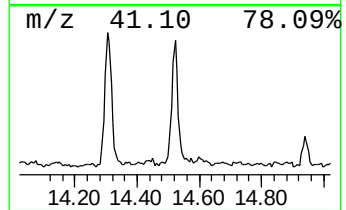
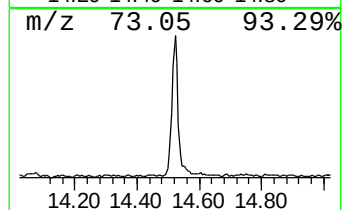
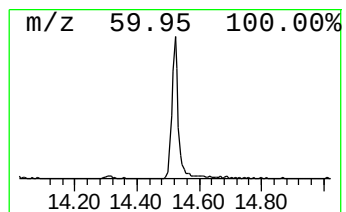
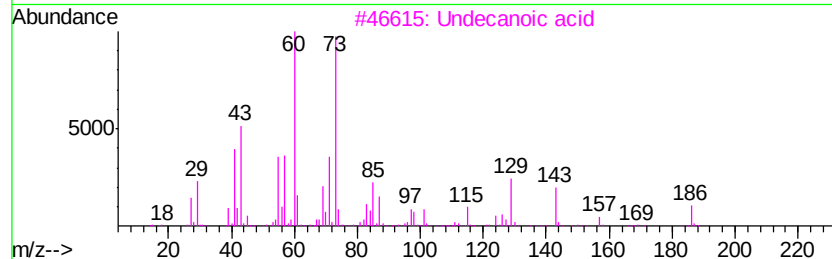
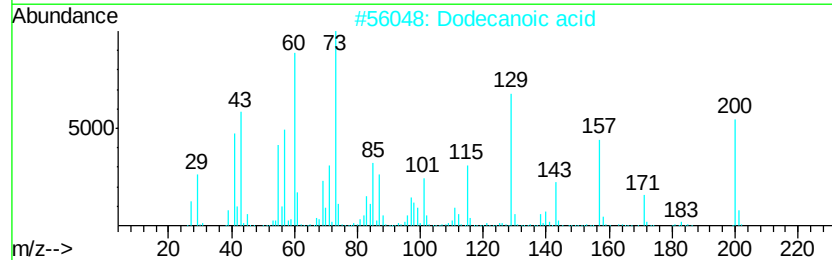
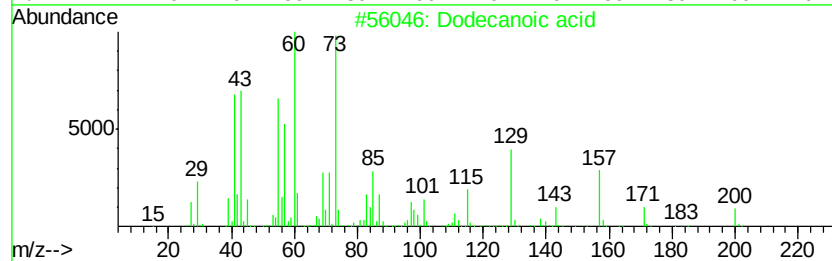
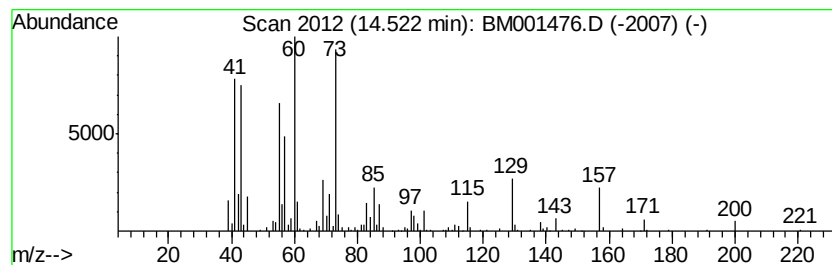
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Dodecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	5.91 ng/ul	501653	Acenaphthene-d10	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	98
2	Dodecanoic acid	200 C12H24O2	000143-07-7	83
3	Undecanoic acid	186 C11H22O2	000112-37-8	72
4	Tridecanoic acid	214 C13H26O2	000638-53-9	59
5	Dodecanoic acid	200 C12H24O2	000143-07-7	58



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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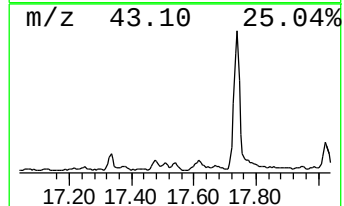
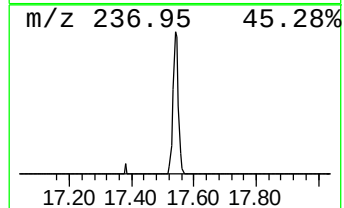
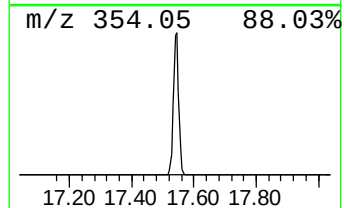
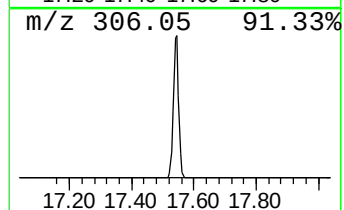
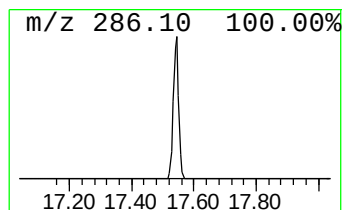
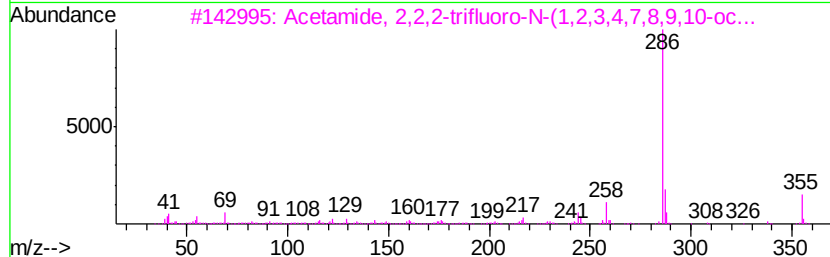
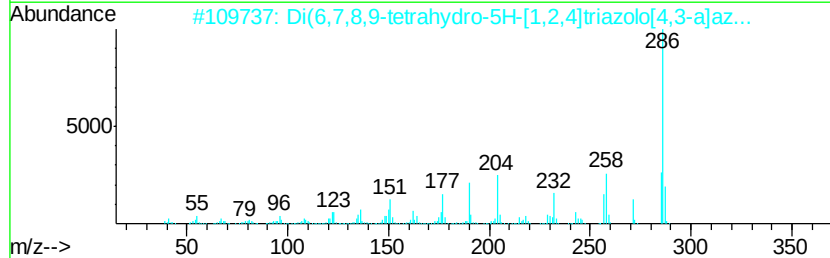
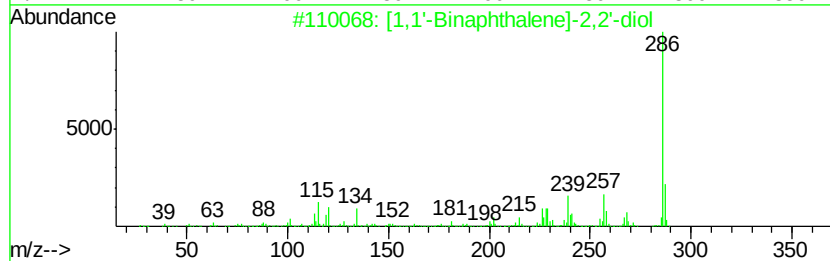
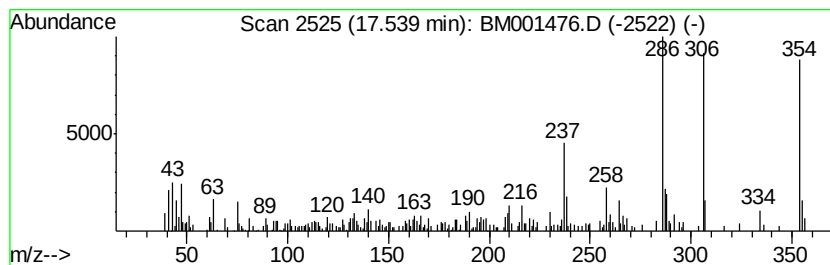
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	3.13 ng/ul	289768	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Binaphthalene]-2,2'-diol	286	C20H14O2	000602-09-5	18
2		Di(6,7,8,9-tetrahydro-5H-[1,2,4]...	286	C15H22N6	1000295-21-3	18
3		Acetamide, 2,2,2-trifluoro-N-(1,...	355	C16H16F3N3OS	1000276-47-1	18
4		5-Hydroxy-benzo[de]benzo[4,5]imi...	286	C18H10N2O2	1000297-34-0	15
5		Acetic acid, 1-ethyl-9a,11a-dime...	346	C23H38O2	1000190-78-3	15



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

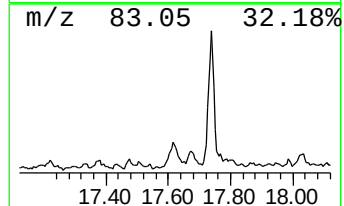
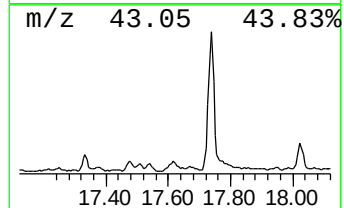
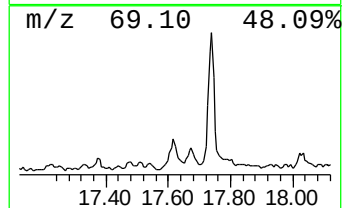
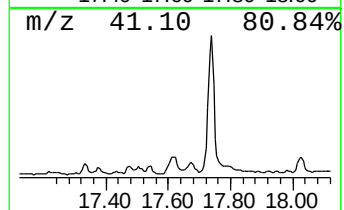
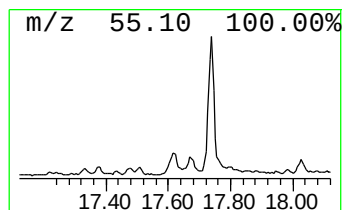
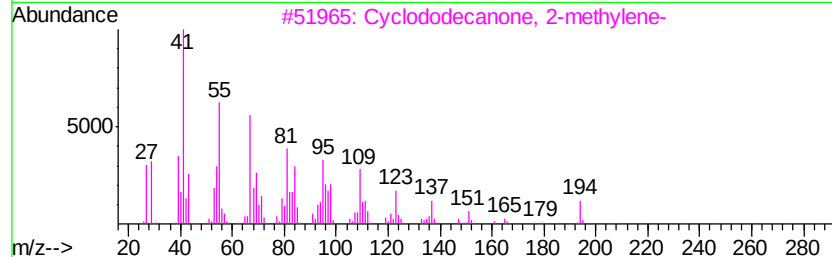
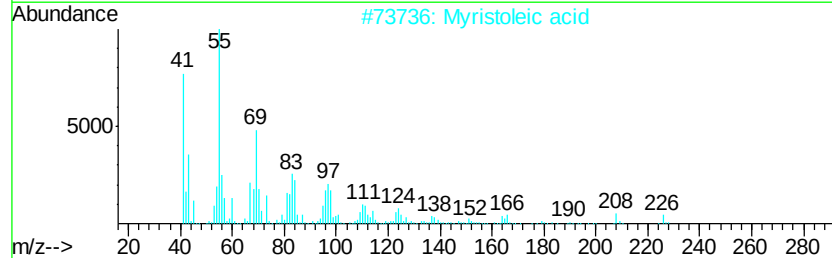
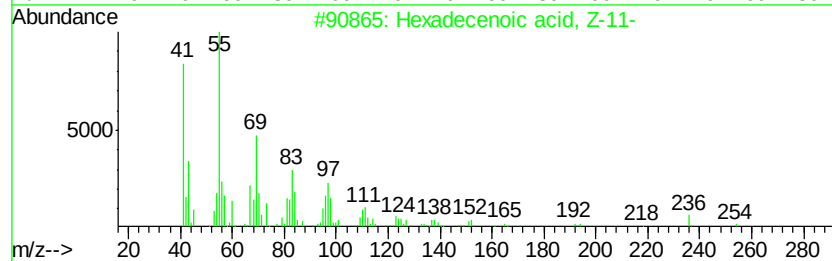
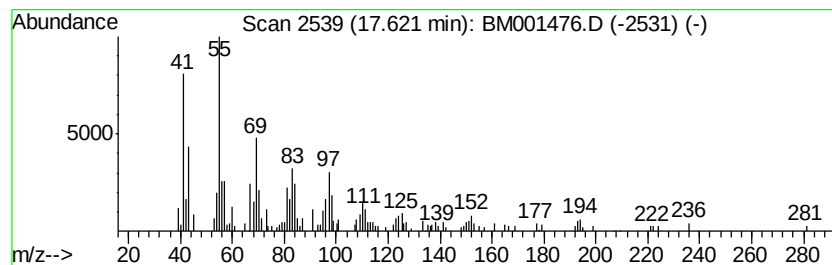
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Hexadecenoic acid, Z-11- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.62	3.00 ng/ul	277699	Phenanthrene-d10	16.82		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	74
2		Myristoleic acid	226	C14H26O2	000544-64-9	68
3		Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	49
4		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	49
5		13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
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Sample : G2411-09RE
Misc :
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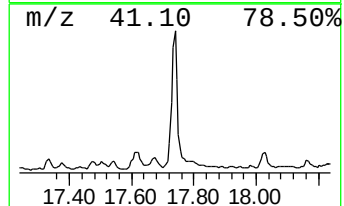
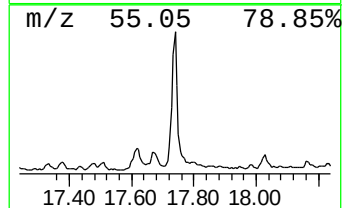
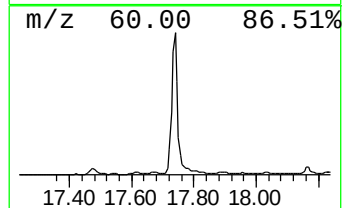
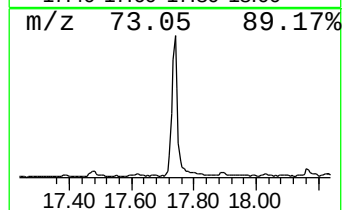
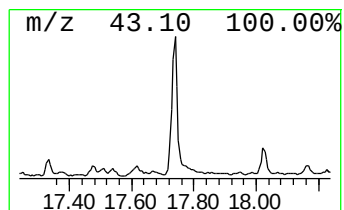
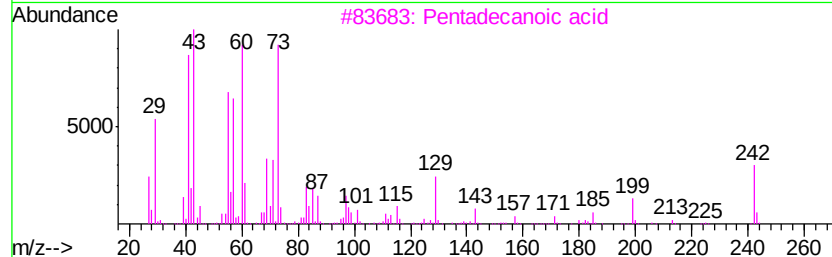
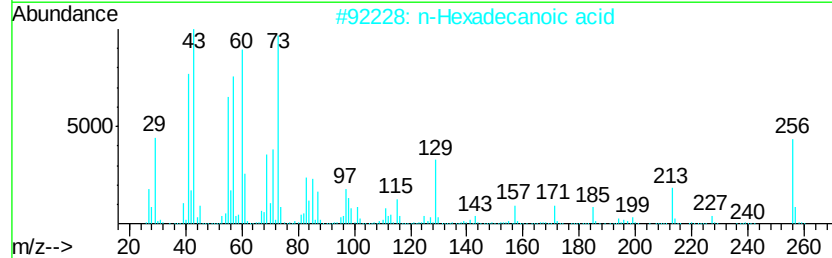
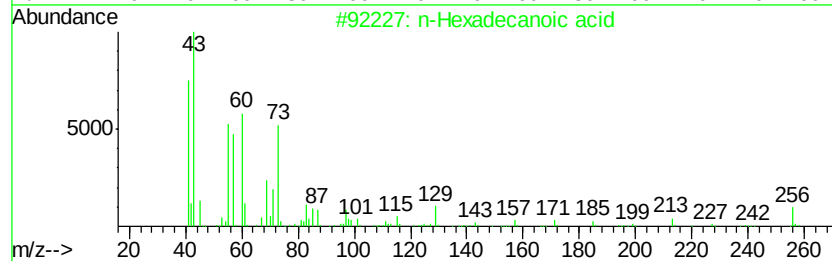
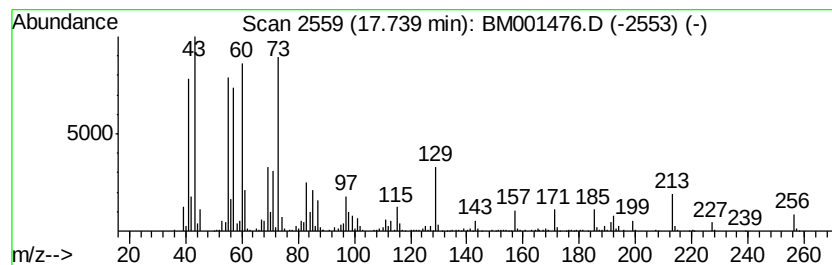
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.74	15.93 ng/ul	1472640	Phenanthrene-d10	16.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	74	
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74	
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
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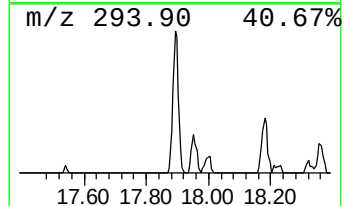
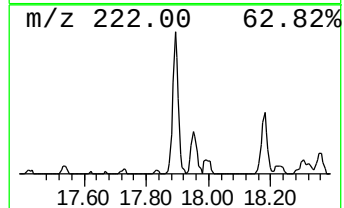
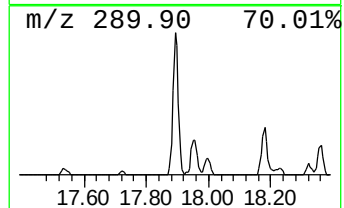
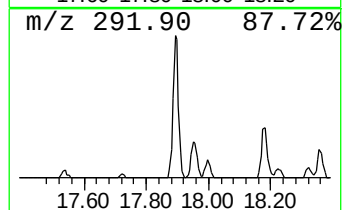
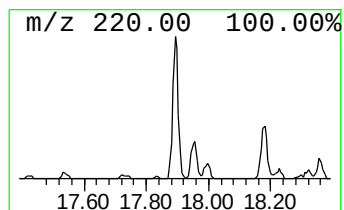
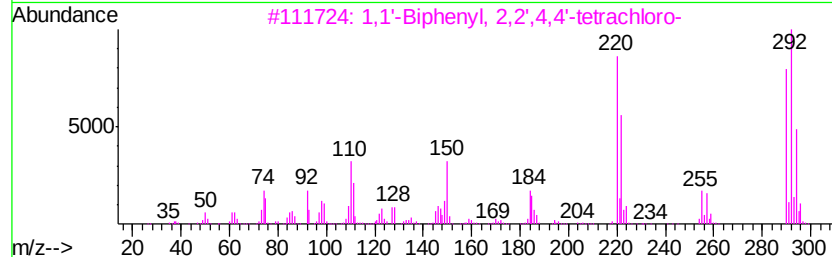
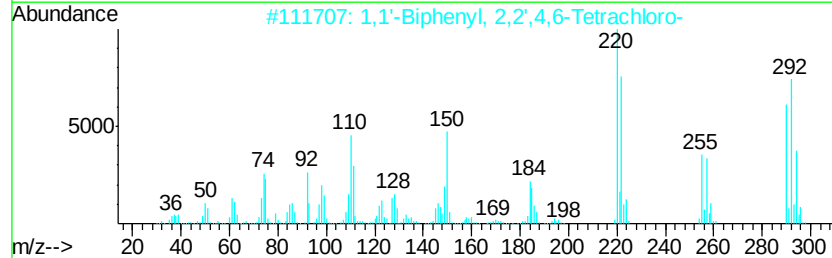
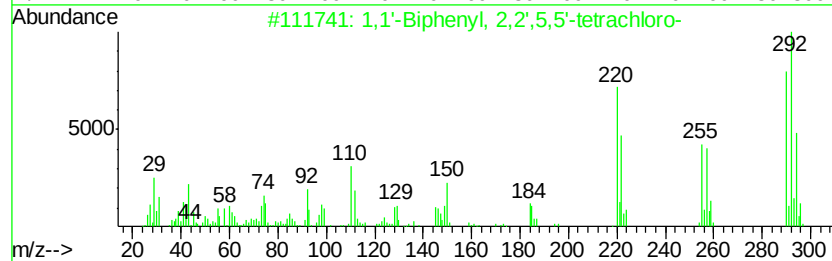
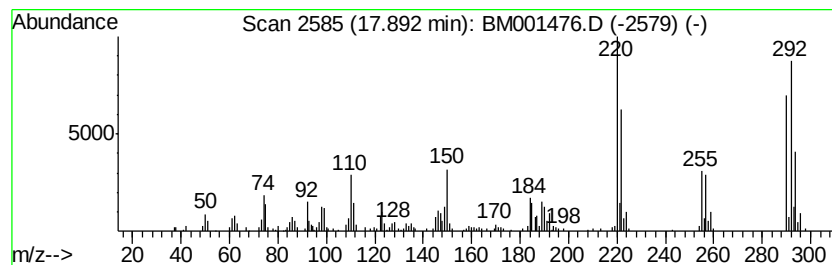
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	4.33 ng/ul	400327	Phenanthrene-d10	16.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',5,5'-tetrachl...	290	C12H6Cl4	035693-99-3	99
2	1,1'-Biphenyl, 2,2',4,6-Tetrachl...	290	C12H6Cl4	062796-65-0	99
3	1,1'-Biphenyl, 2,2',4,4'-tetrach...	290	C12H6Cl4	002437-79-8	99
4	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99
5	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BCRCORE

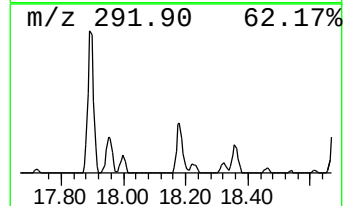
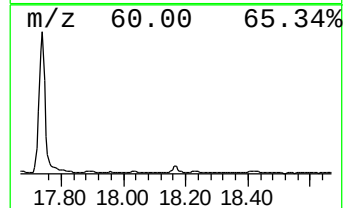
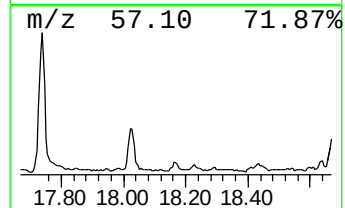
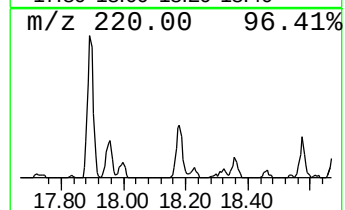
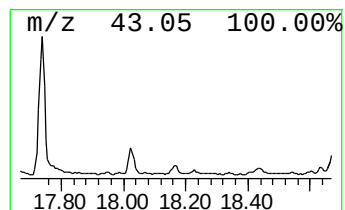
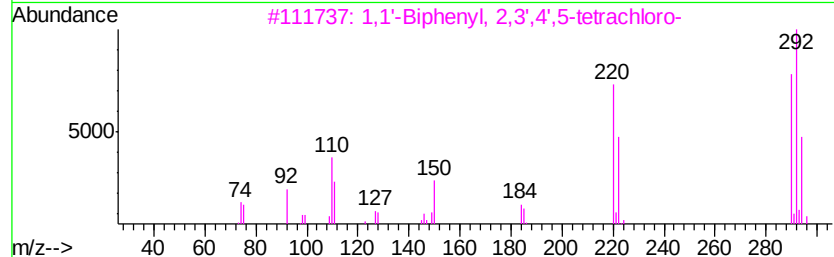
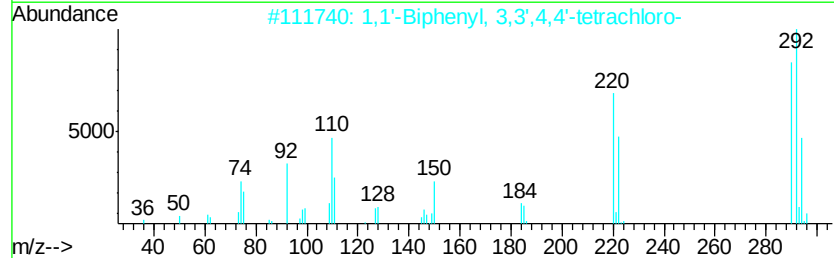
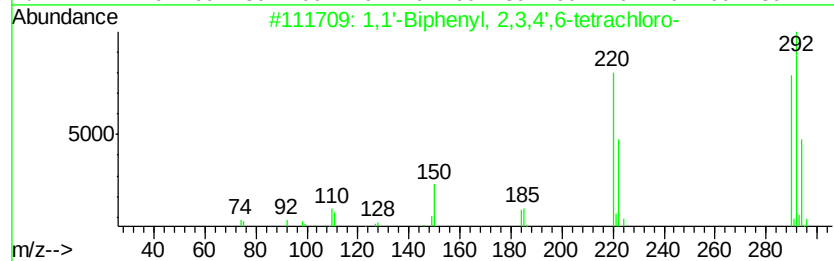
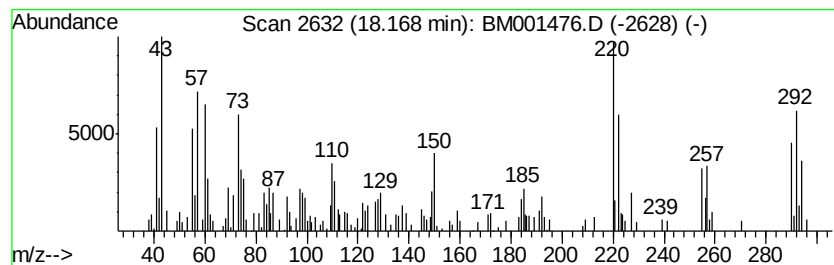
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1,1'-Biphenyl, 2,3,4',6-tet... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.91 ng/ul	269030	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, 2,3',4',5-tetrach...	290	C12H6Cl4	032598-11-1	99
4			1,1'-Biphenyl, 2,3',5,5'-tetrach...	290	C12H6Cl4	041464-42-0	99
5			1,1'-Biphenyl, 2,4,4',6-tetrachl...	290	C12H6Cl4	032598-12-2	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
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Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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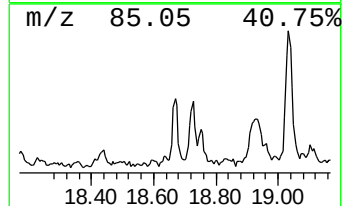
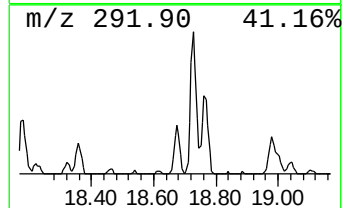
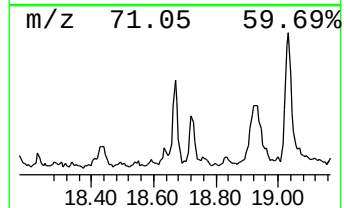
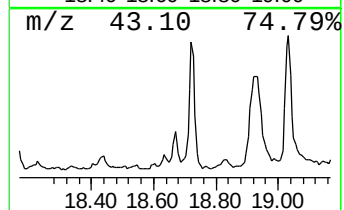
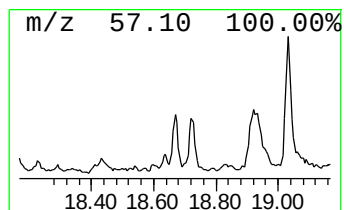
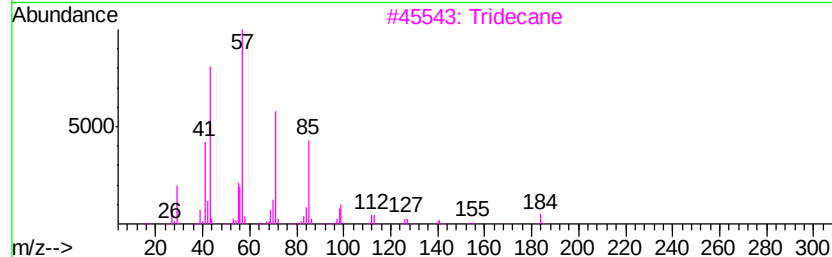
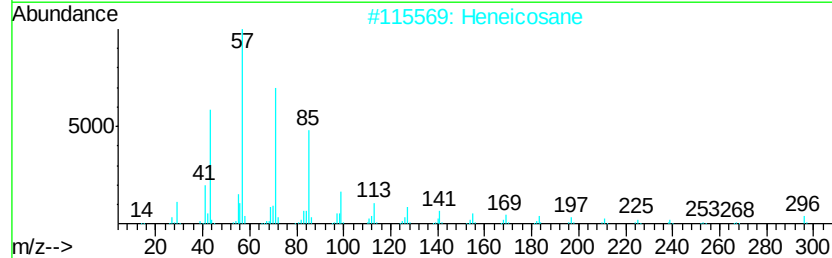
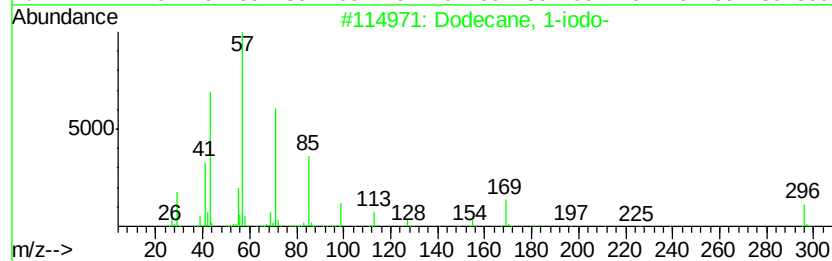
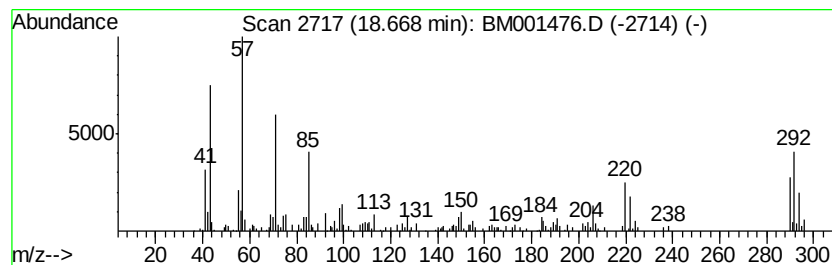
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Dodecane, 1-iodo- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.03 ng/ul	187412	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	55
2		Heneicosane	296	C21H44	000629-94-7	42
3		Tridecane	184	C13H28	000629-50-5	38
4		Nonacosane	408	C29H60	000630-03-5	30
5		Tetratriacontane	479	C34H70	014167-59-0	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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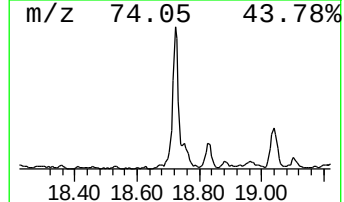
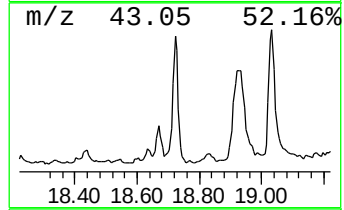
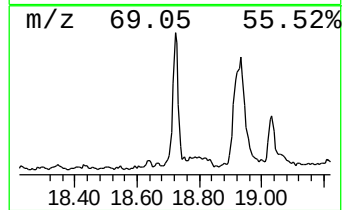
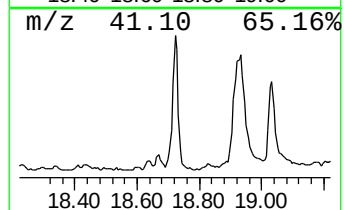
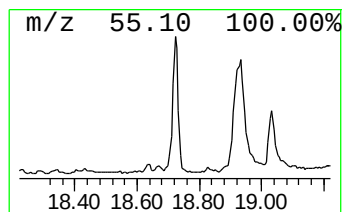
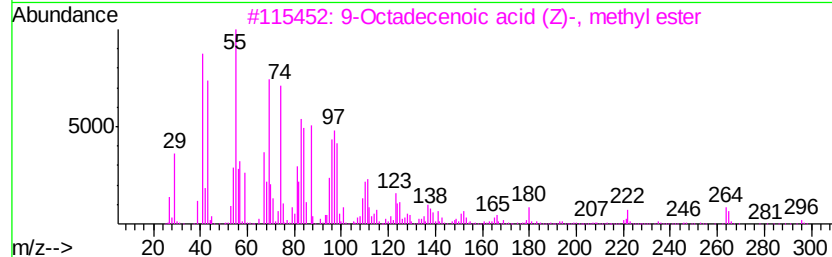
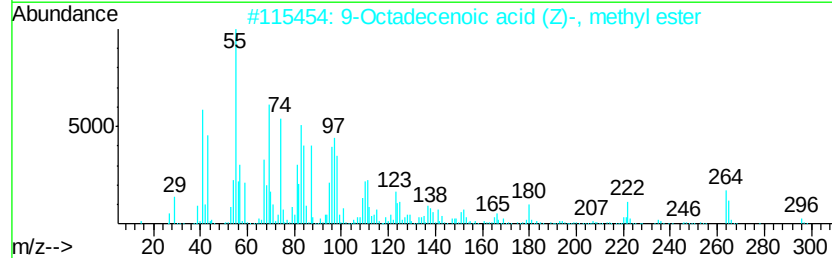
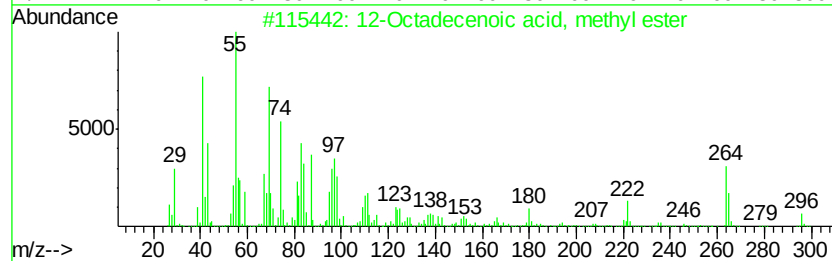
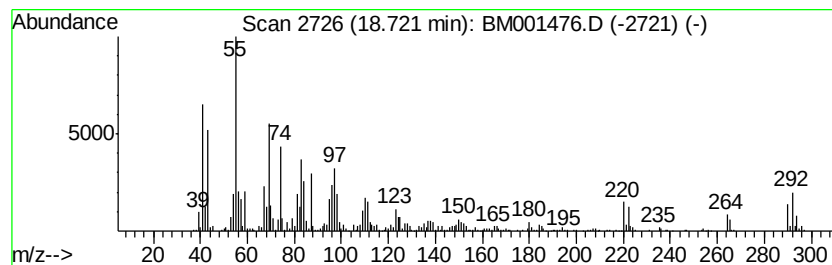
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 12-Octadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	14.67 ng/ul	1356700	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
3		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	98
4		11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	98
5		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
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Sample : G2411-09RE
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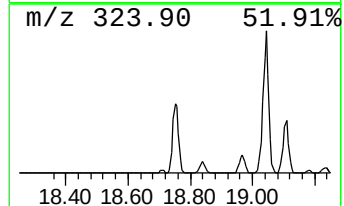
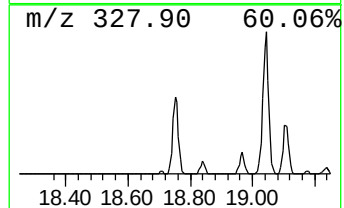
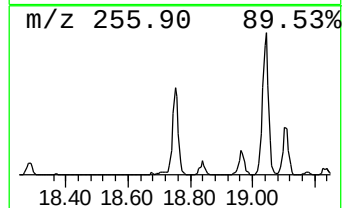
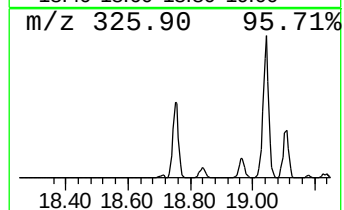
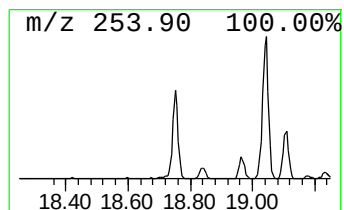
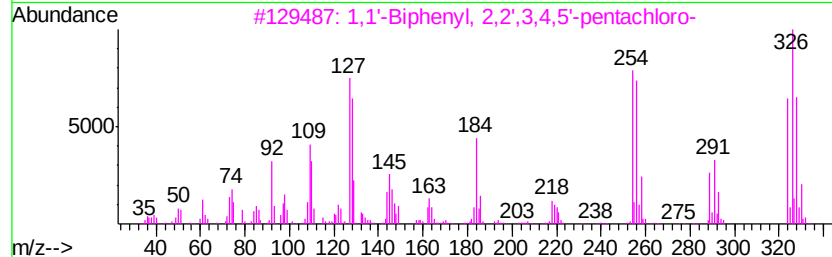
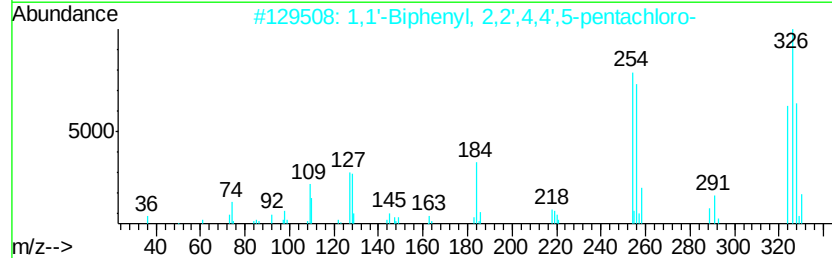
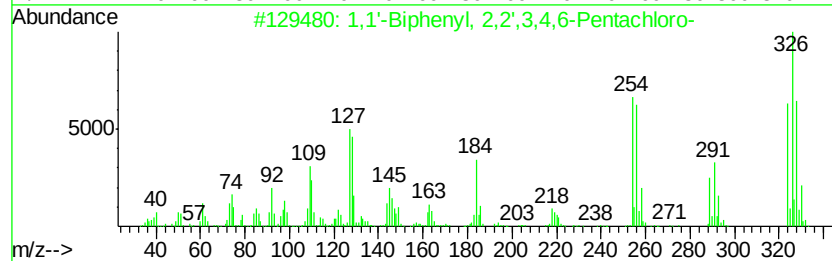
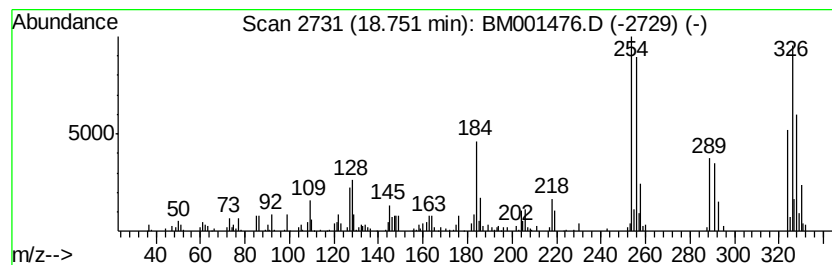
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	7.18 ng/ul	664283	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,6-Pentac...	324	C12H5Cl5	055215-17-3	99
2		1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	97
3		1,1'-Biphenyl, 2,2',3,4,5'-penta...	324	C12H5Cl5	038380-02-8	96
4		1,1'-Biphenyl, 2,2',3,4,5-Pentac...	324	C12H5Cl5	055312-69-1	95
5		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
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Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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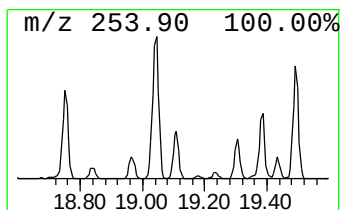
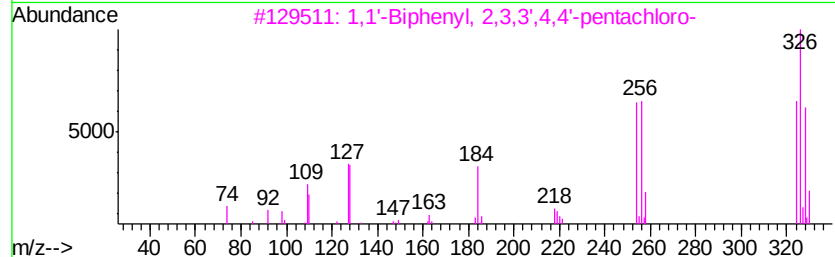
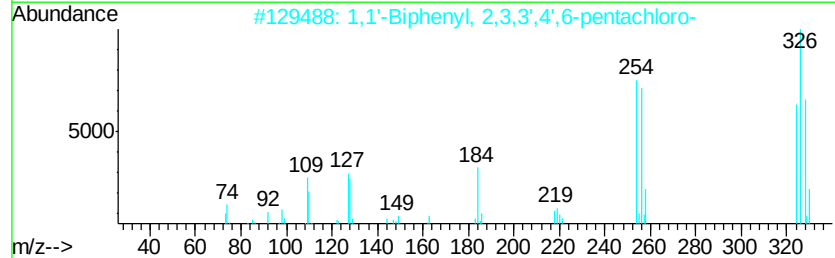
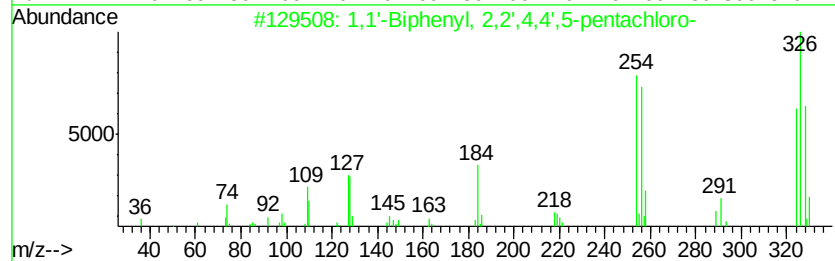
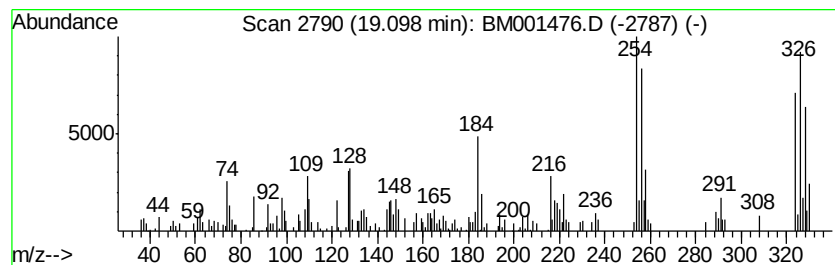
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.72 ng/ul	288988	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4		1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	99
5		1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
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Misc :
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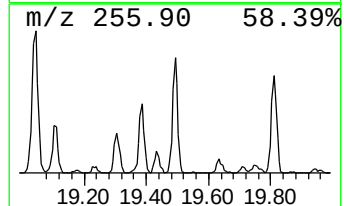
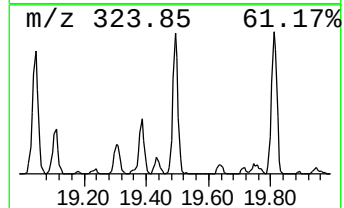
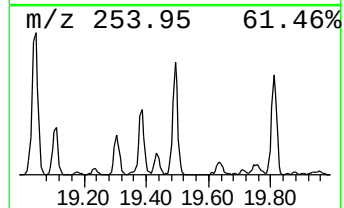
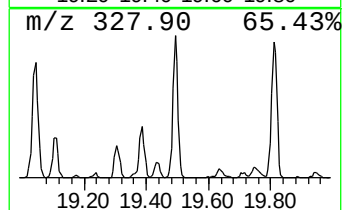
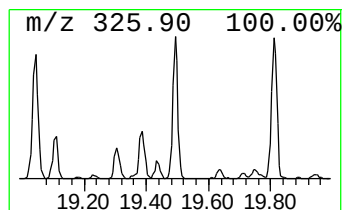
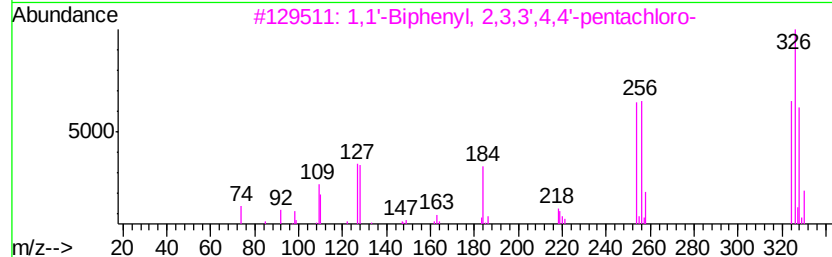
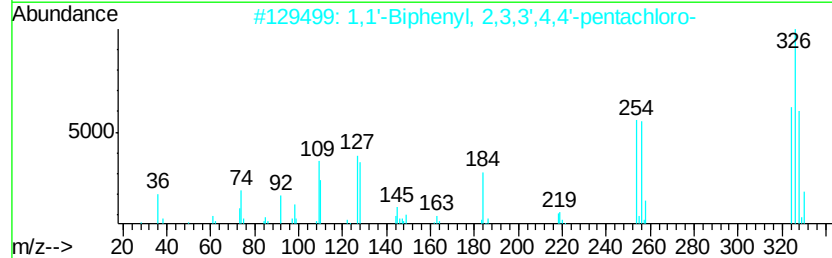
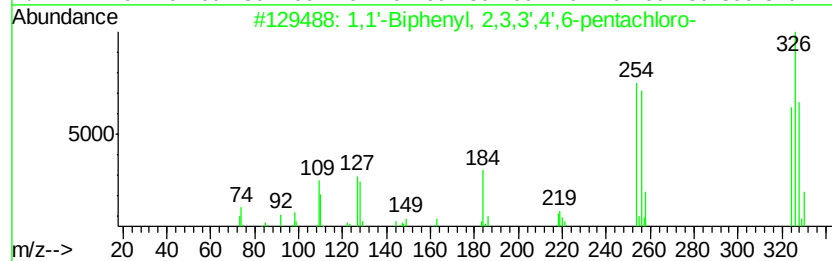
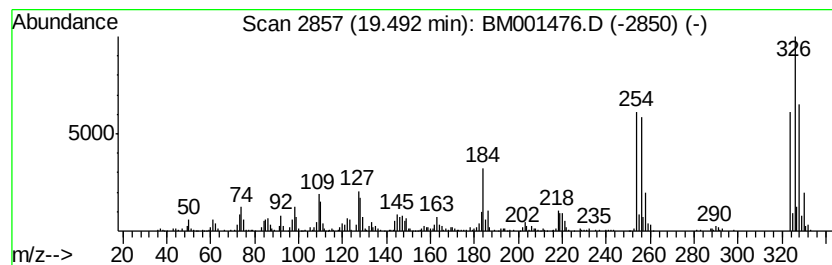
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
19.49	5.96 ng/ul	633714	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,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99
4	1,1'-Biphenyl,	2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	99
5	1,1'-Biphenyl,	2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	96



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Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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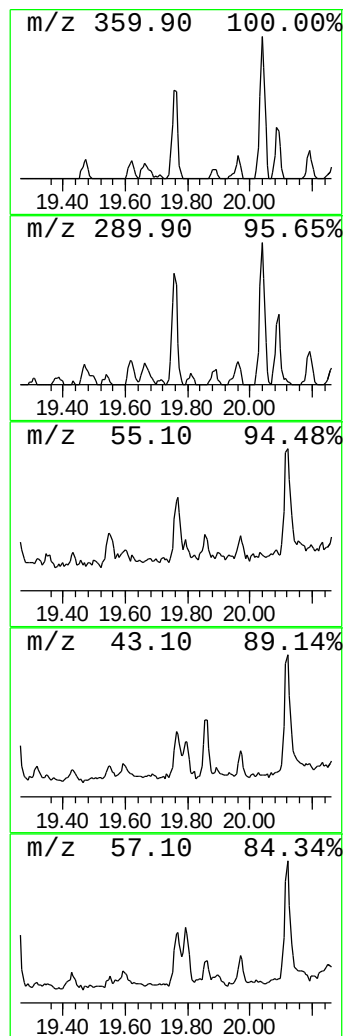
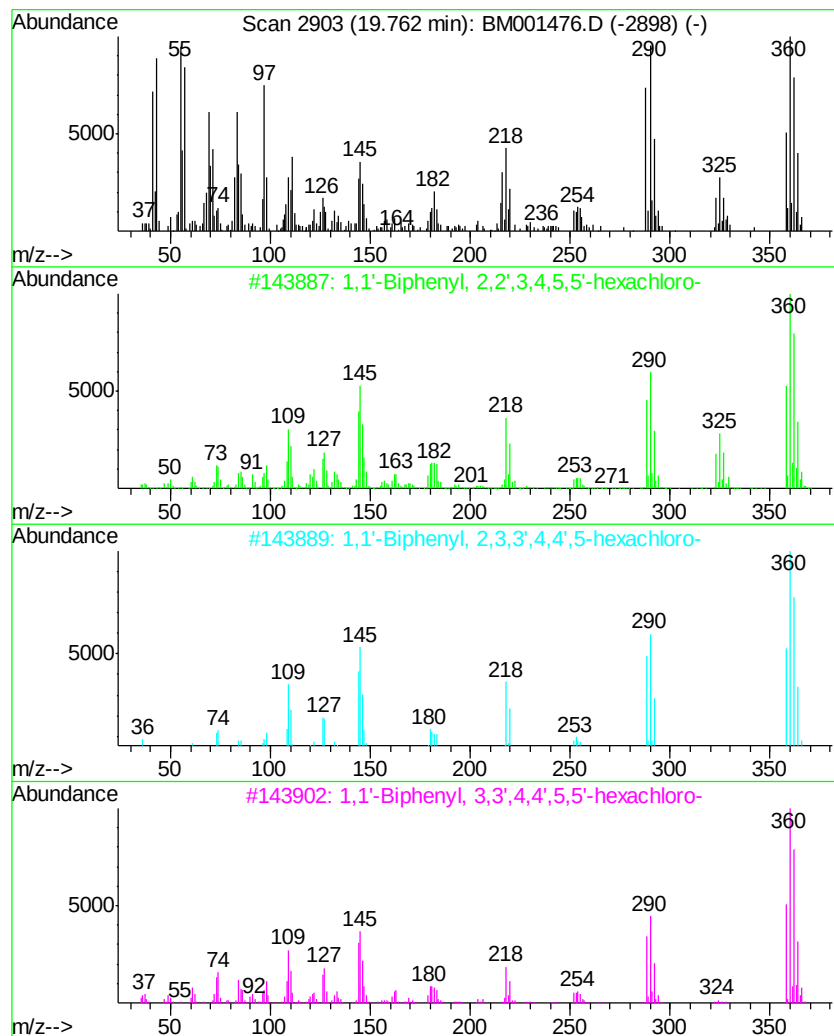
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	5.35 ng/ul	569174	Chrysene-d12	21.03

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
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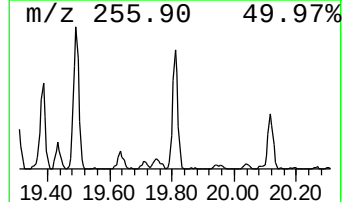
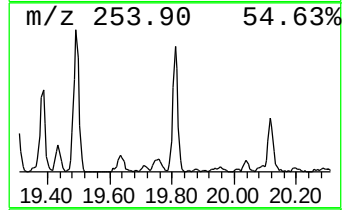
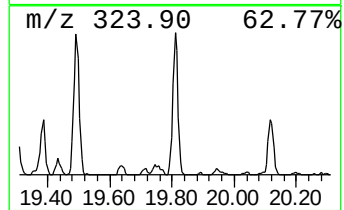
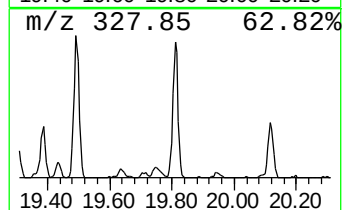
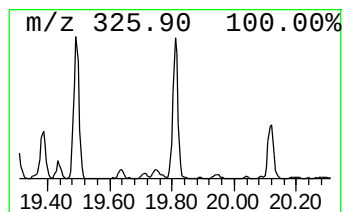
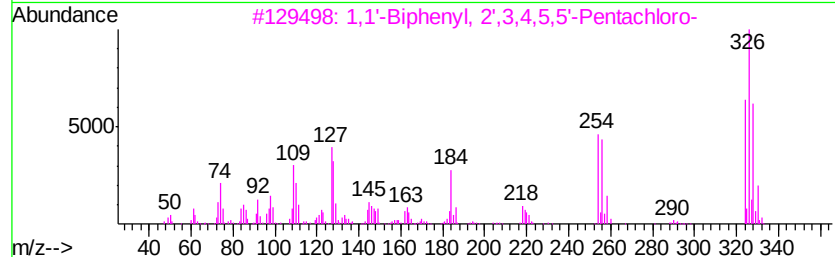
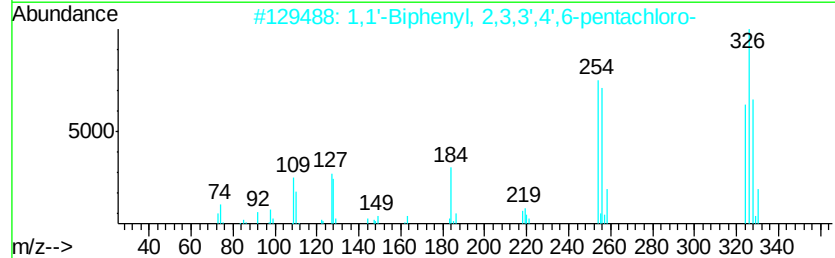
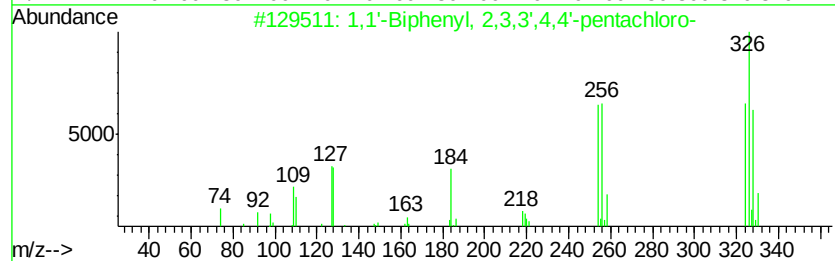
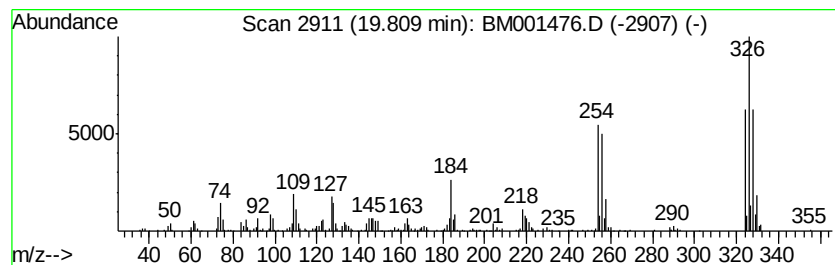
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	5.35 ng/ul	568594	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',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99		
4	1,1'-Biphenyl, 2,3',4,5',6-Penta...	324	C12H5Cl5	056558-18-0	99		
5	1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	99		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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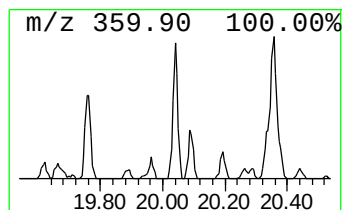
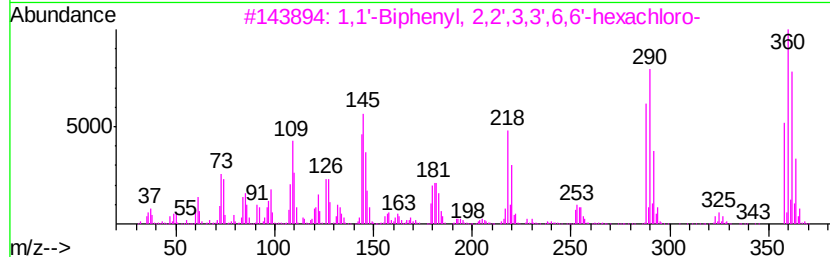
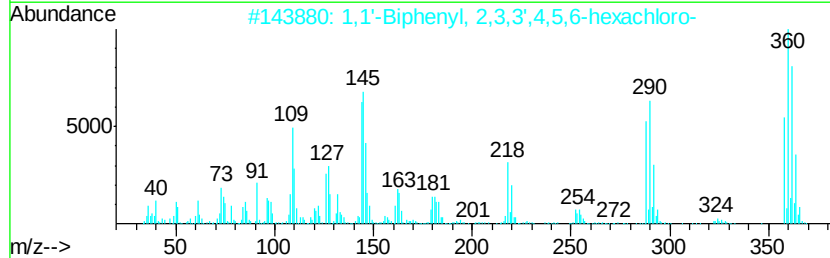
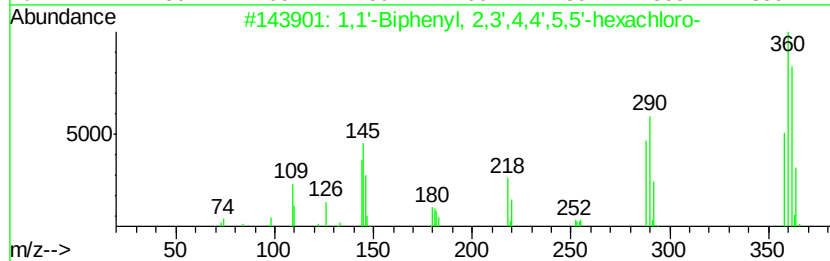
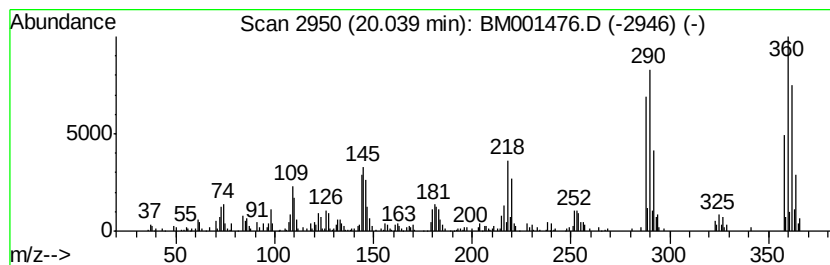
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.35 ng/ul	356738	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, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3		1,1'-Biphenyl, 2,2',3,3',6,6'-he...	358	C12H4Cl6	038411-22-2	99
4		1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
5		1,1'-Biphenyl, 2,3,3',4,4',5'-he...	358	C12H4Cl6	069782-90-7	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

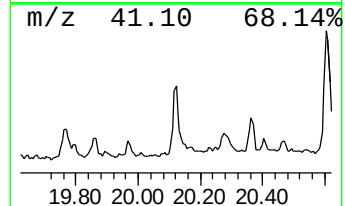
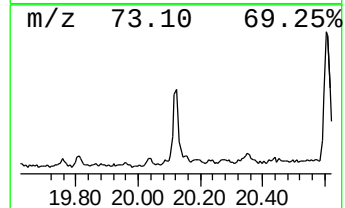
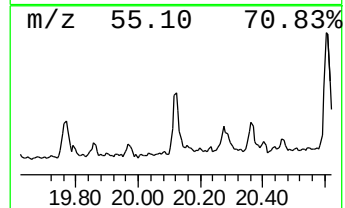
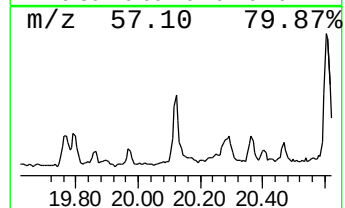
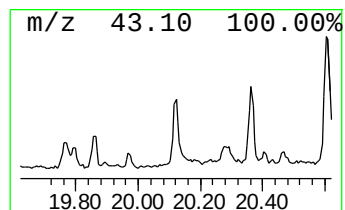
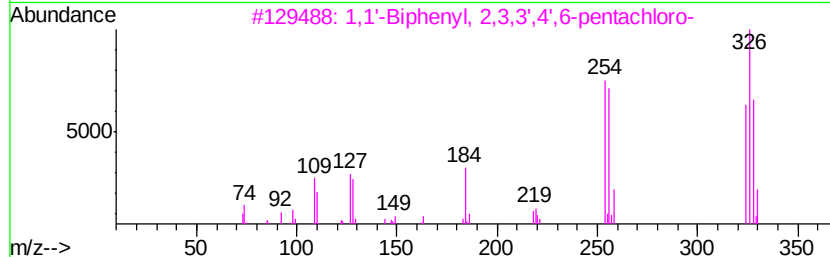
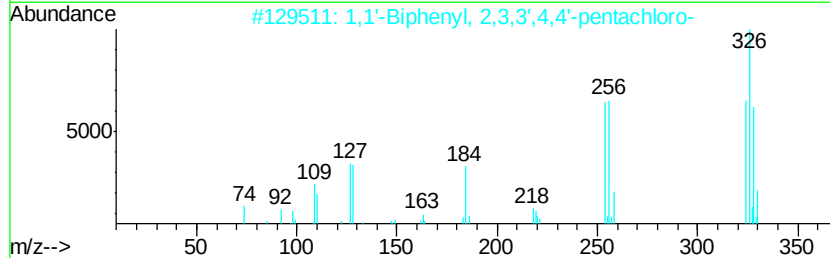
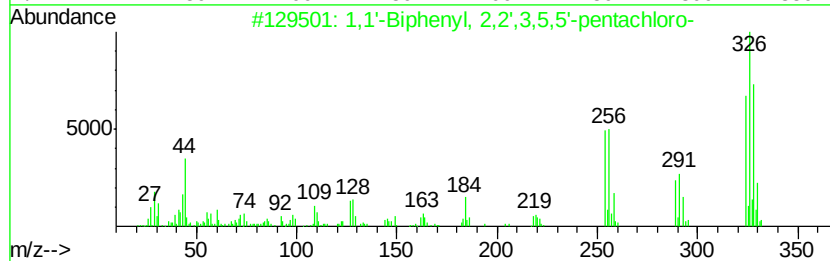
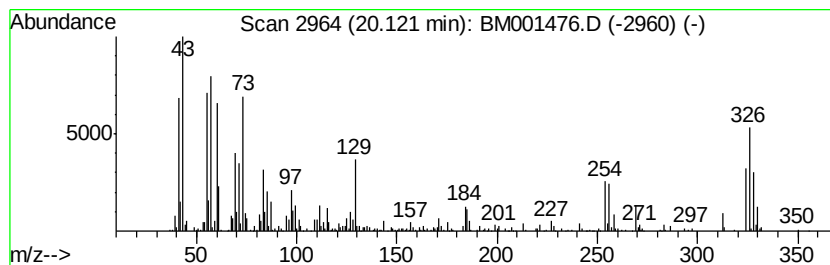
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 1,1'-Biphenyl, 2,2',3,5,5'-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.12	6.43 ng/ul	683697	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	91
2	1,1'-Biphenyl,	2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	90
3	1,1'-Biphenyl,	2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	90
4	1,1'-Biphenyl,	2,3,3',4,6-Pentac...	324	C12H5Cl5	074472-35-8	83
5	1,1'-Biphenyl,	2,3,4',5,6-Pentac...	324	C12H5Cl5	068194-11-6	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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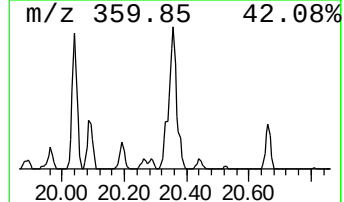
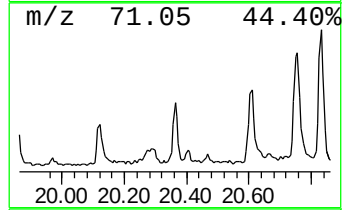
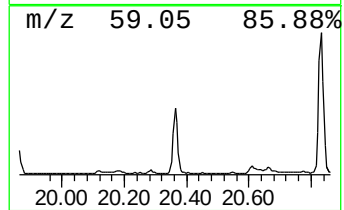
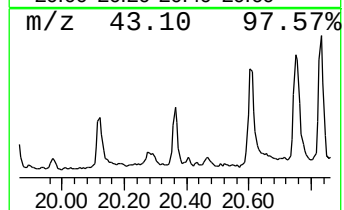
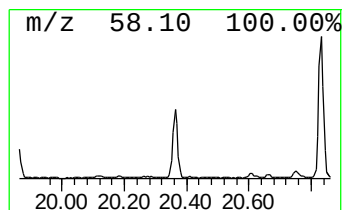
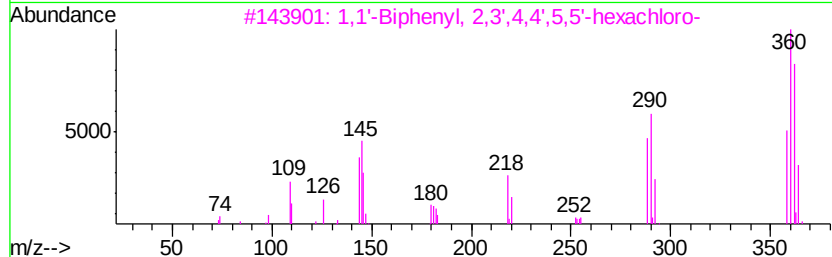
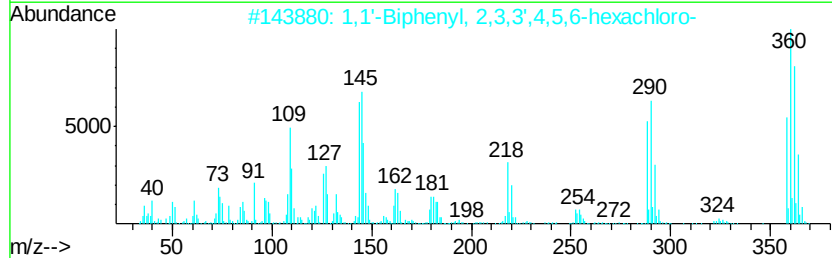
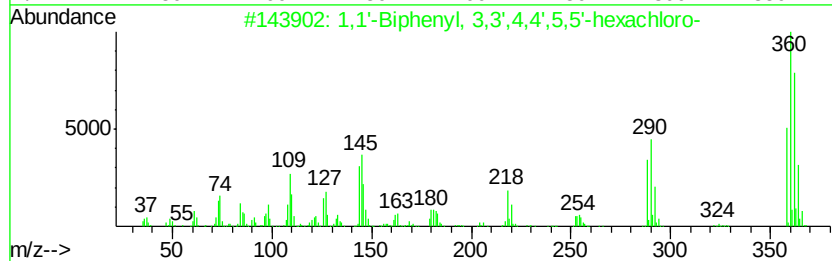
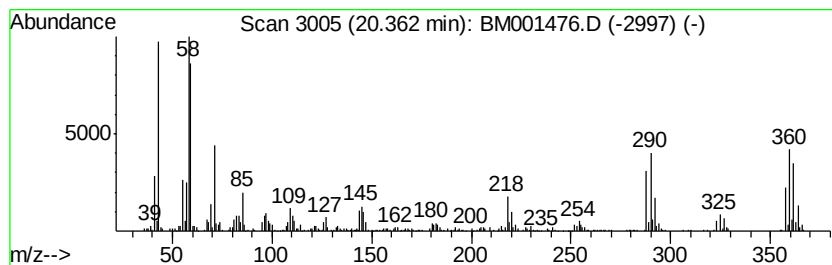
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	8.20 ng/ul	872080	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
2		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3		1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
5		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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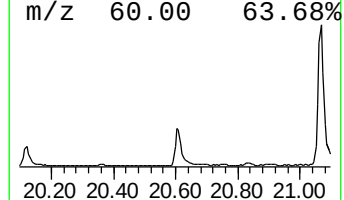
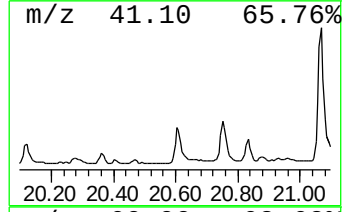
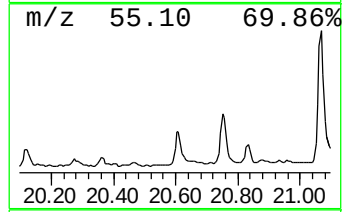
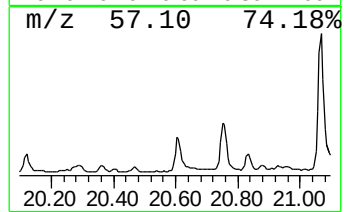
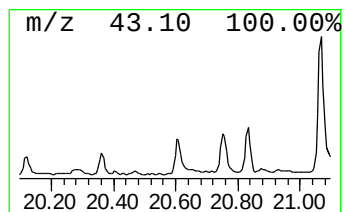
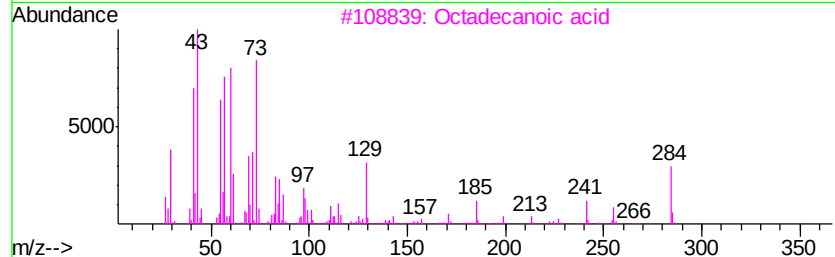
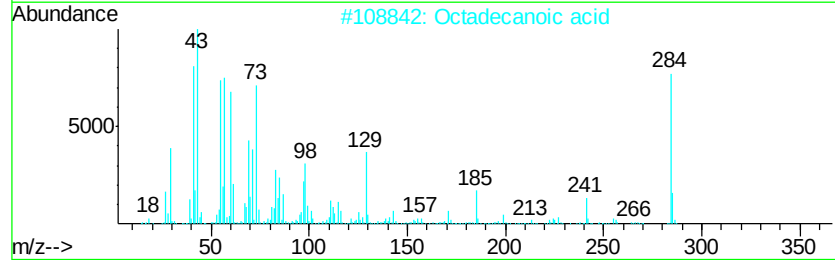
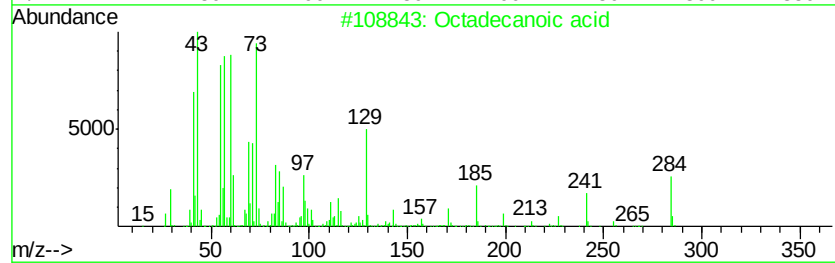
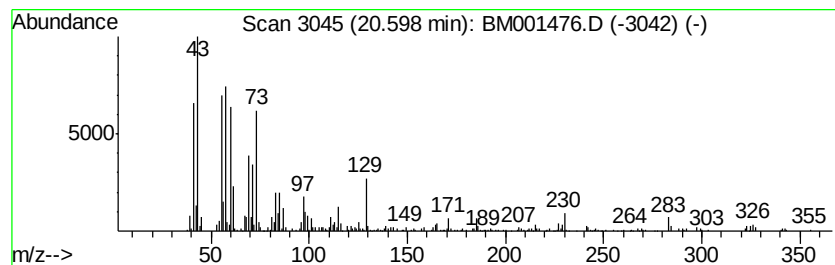
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	9.80 ng/ul	1042360	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	93
3			Octadecanoic acid	284	C18H36O2	000057-11-4	90
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5			Tetradecanoic acid	228	C14H28O2	000544-63-8	70



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

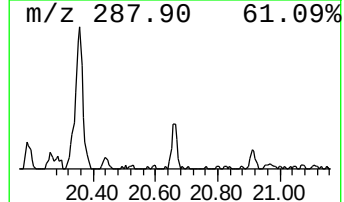
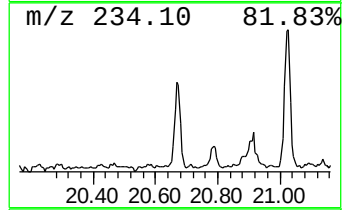
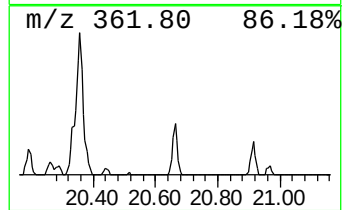
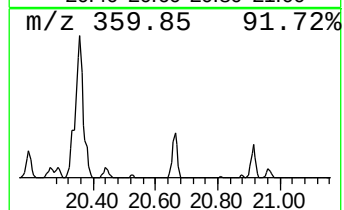
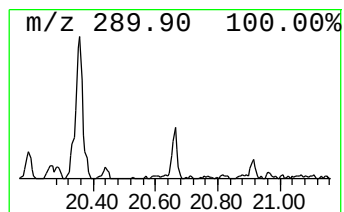
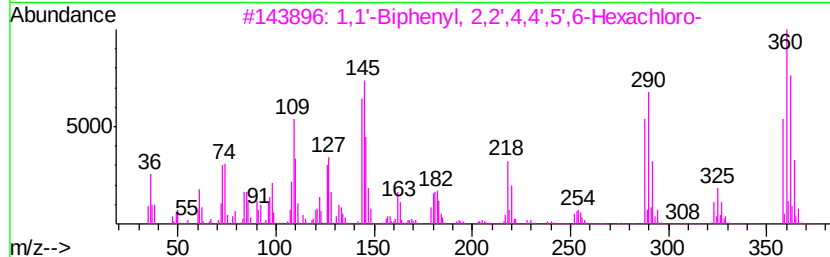
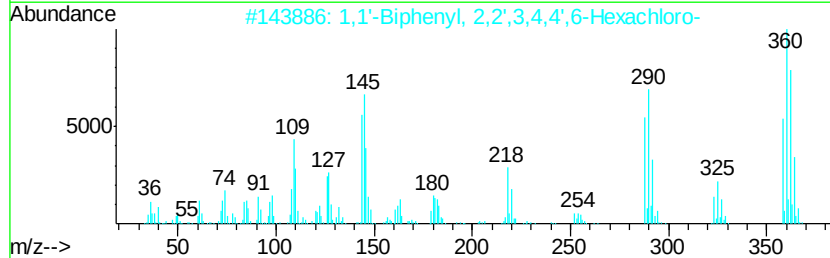
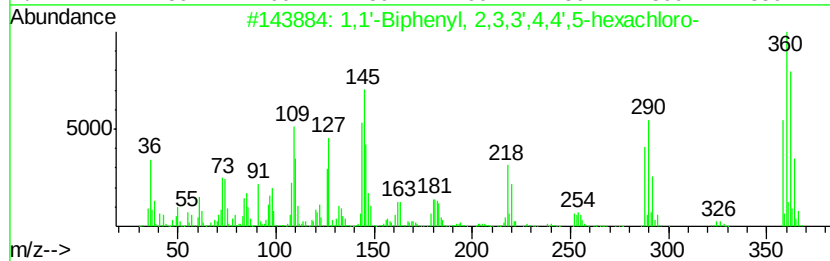
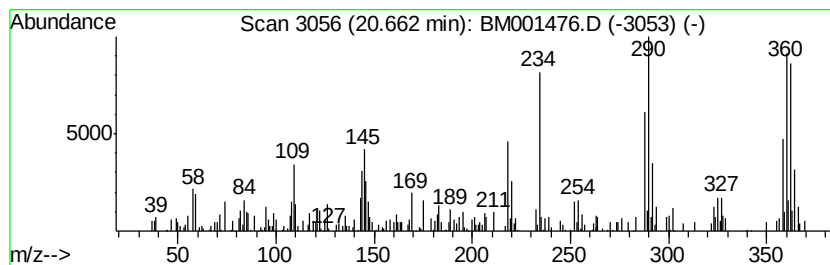
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.66	2.44 ng/ul	259081	Chrysene-d12	21.03		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl,	2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl,	2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
3	1,1'-Biphenyl,	2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	98
4	1,1'-Biphenyl,	2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	98
5	1,1'-Biphenyl,	2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
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Sample : G2411-09RE
Misc :
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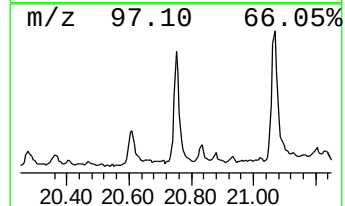
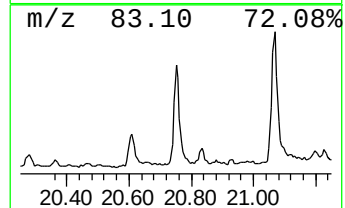
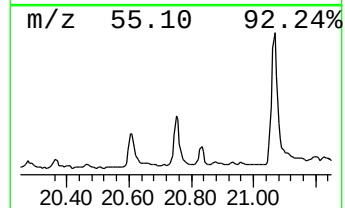
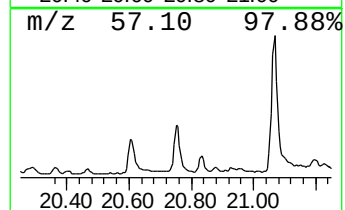
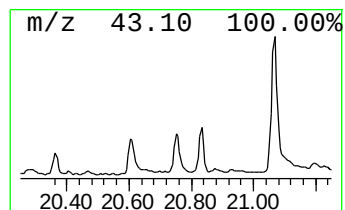
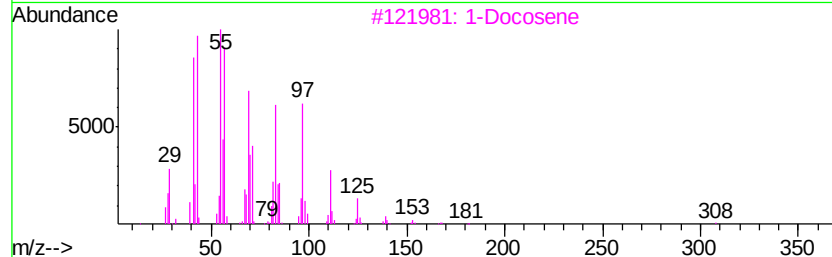
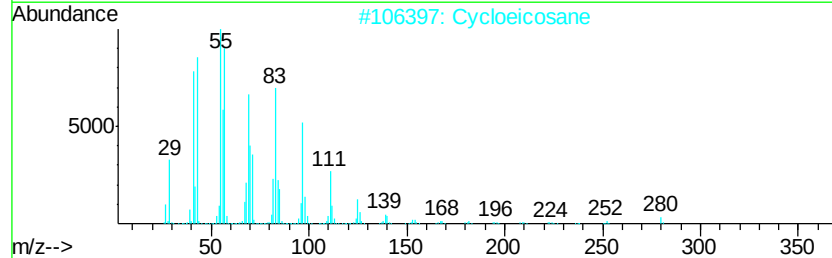
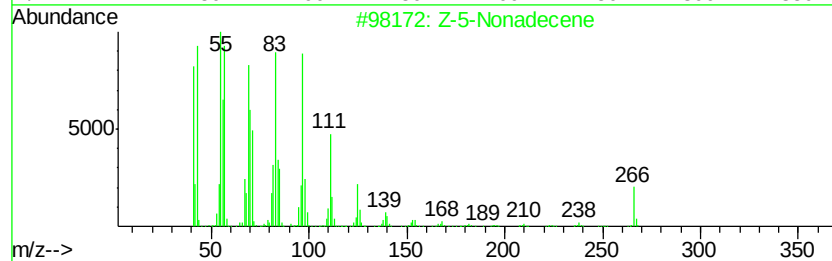
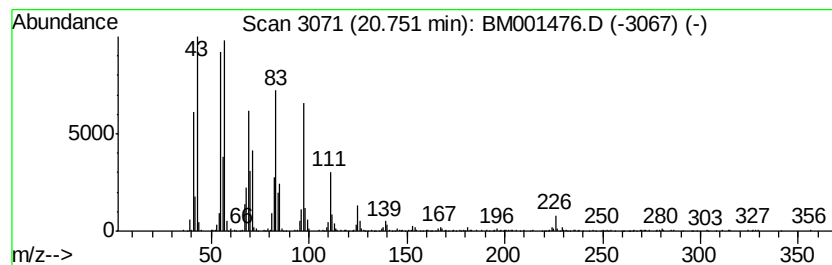
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Cyclic-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.75	10.25 ng/ul	1090820	Chrysene-d12	21.03	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
2	Cycloeicosane	280	C20H40	000296-56-0	95
3	1-Docosene	308	C22H44	001599-67-3	95
4	Cyclotetracosane	336	C24H48	000297-03-0	95
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

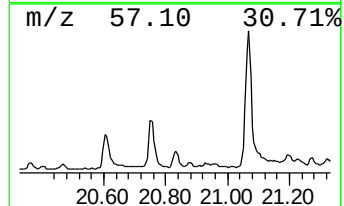
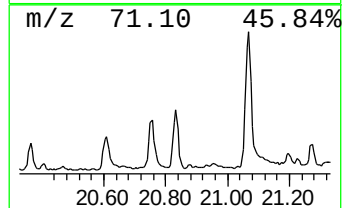
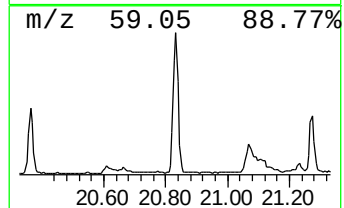
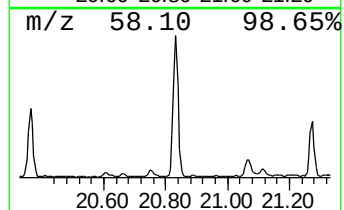
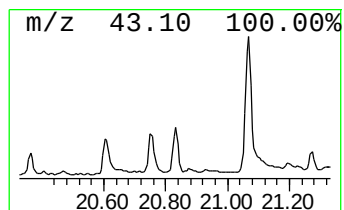
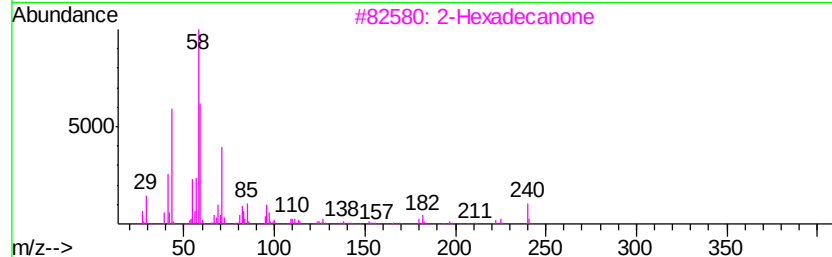
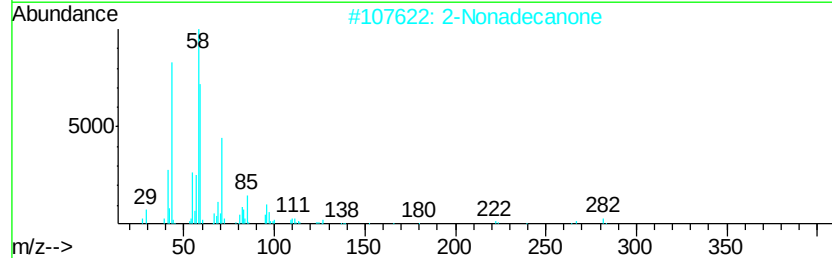
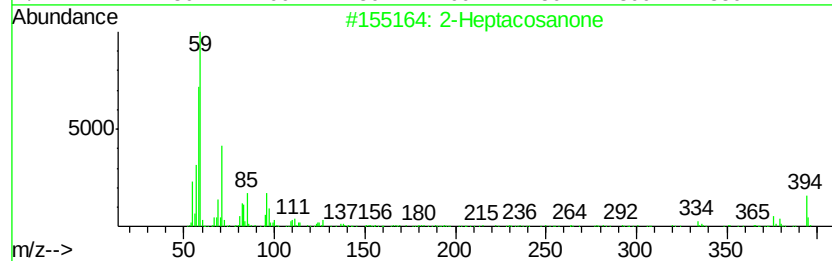
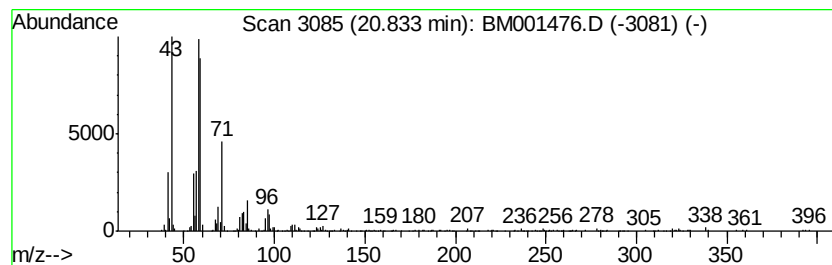
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ClientSampleId :
BCRCORE

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 27 2-Heptacosanone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.84 ng/ul	621342	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Heptacosanone	394	C27H54O	007796-19-2 93
2	2-Nonadecanone	282	C19H38O	000629-66-3 91
3	2-Hexadecanone	240	C16H32O	018787-63-8 83
4	2-Pentacosanone	366	C25H50O	075207-54-4 68
5	2-Heptadecanone	254	C17H34O	002922-51-2 59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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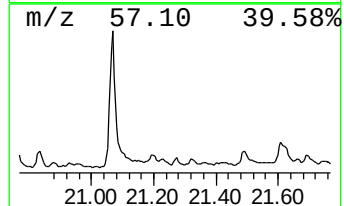
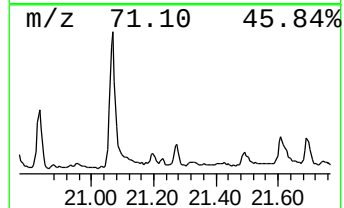
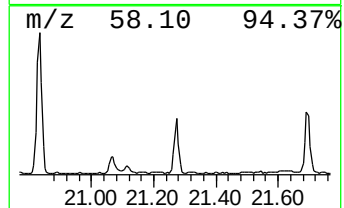
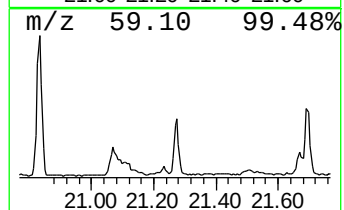
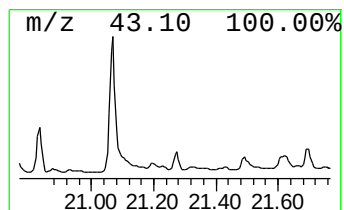
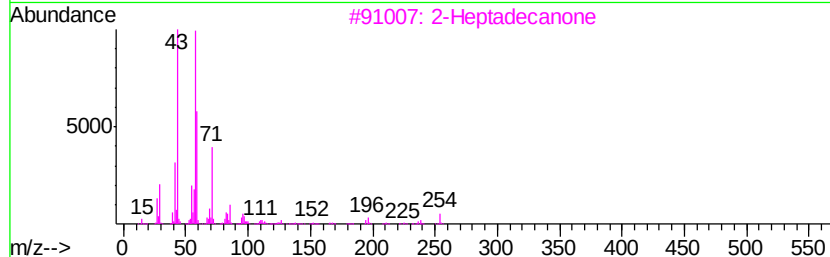
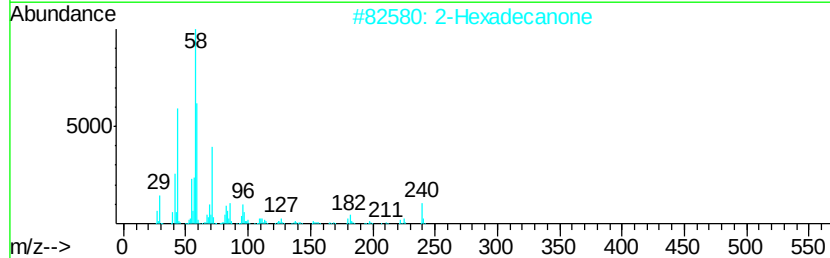
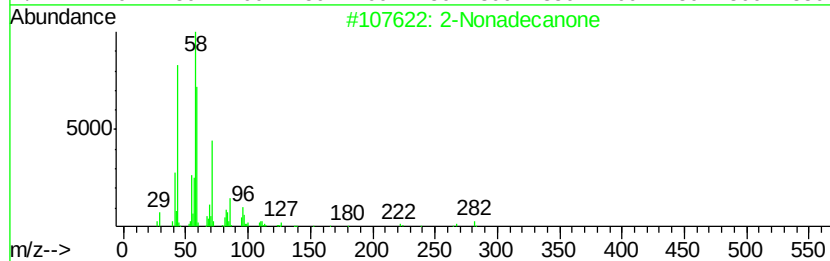
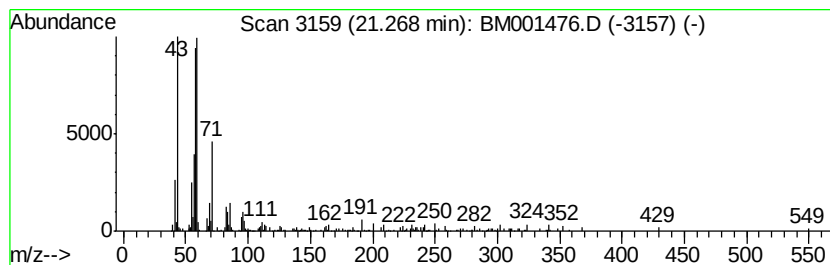
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 2-Nonadecanone Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.19 ng/ul	232724	Chrysene-d12	21.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Nonadecanone	282	C19H38O	000629-66-3	83
2		2-Hexadecanone	240	C16H32O	018787-63-8	62
3		2-Heptadecanone	254	C17H34O	002922-51-2	59
4		2-Pentadecanone	226	C15H30O	002345-28-0	59
5		2-Dodecanone	184	C12H24O	006175-49-1	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

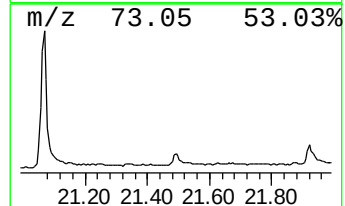
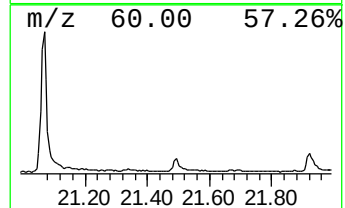
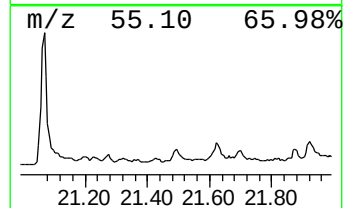
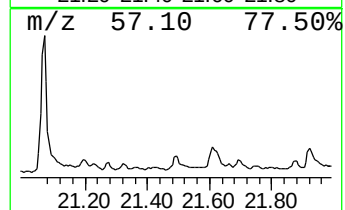
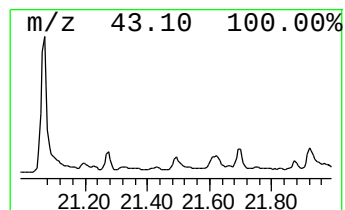
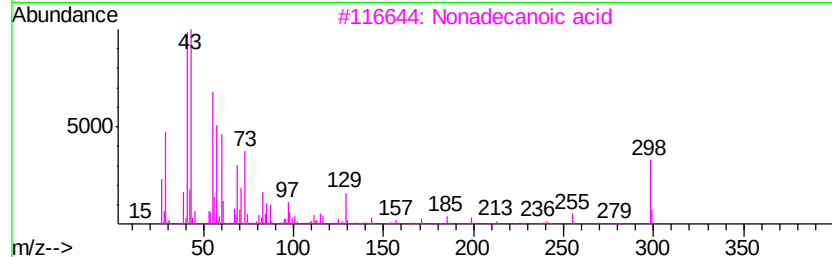
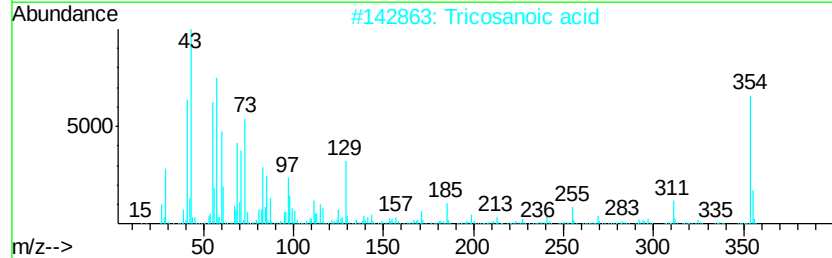
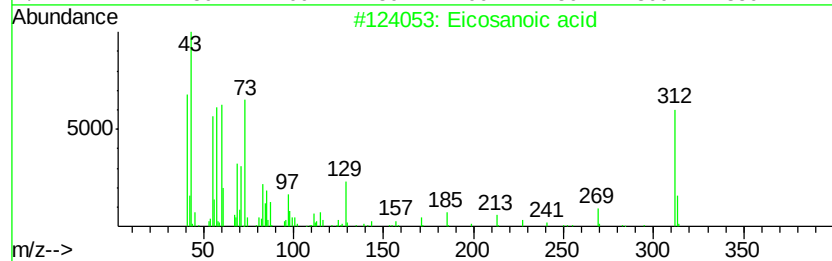
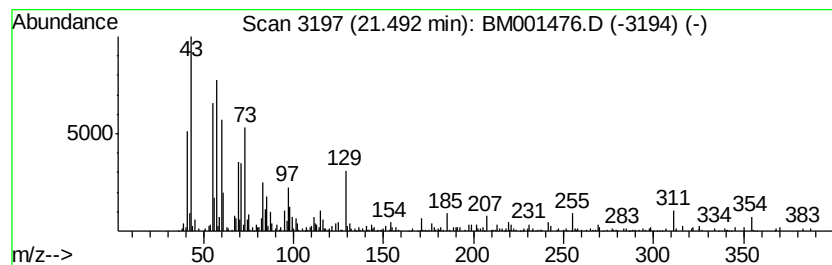
Instrument :
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ClientSampleId :
BCRCORE

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 29 Eicosanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD		R.T.		
21.49	3.92 ng/ul	416969	Chrysene-d12		21.03		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid	312	C20H40O2	000506-30-9	90
2			Tricosanoic acid	354	C23H46O2	002433-96-7	89
3			Nonadecanoic acid	298	C19H38O2	000646-30-0	86
4			N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	83
5			Tricosanoic acid	354	C23H46O2	002433-96-7	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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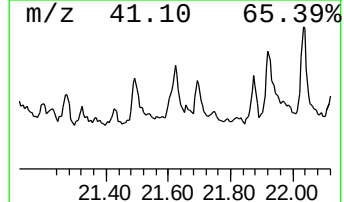
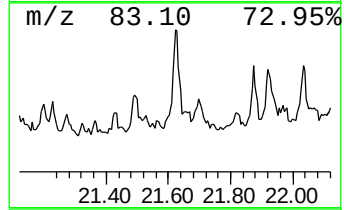
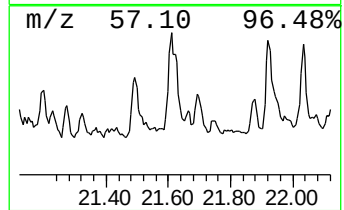
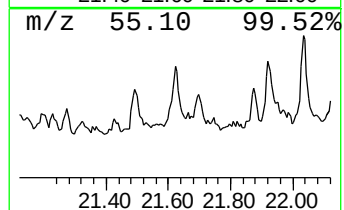
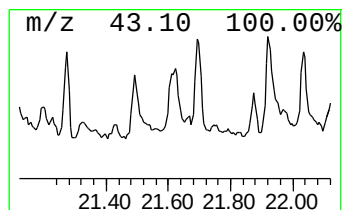
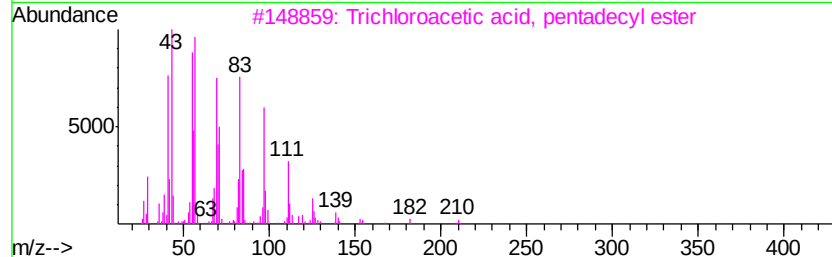
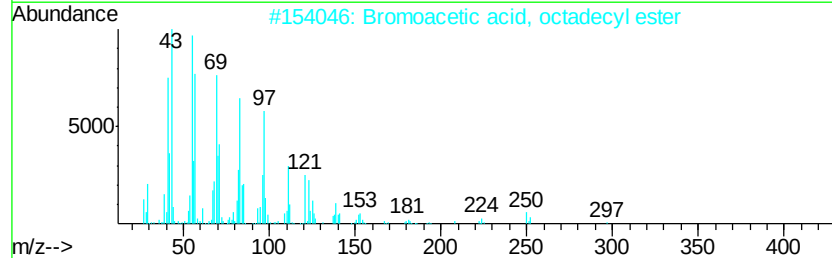
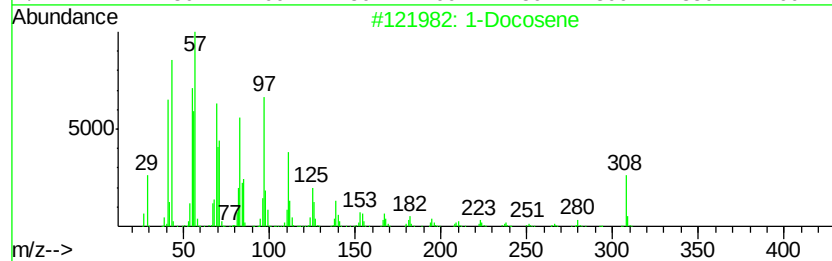
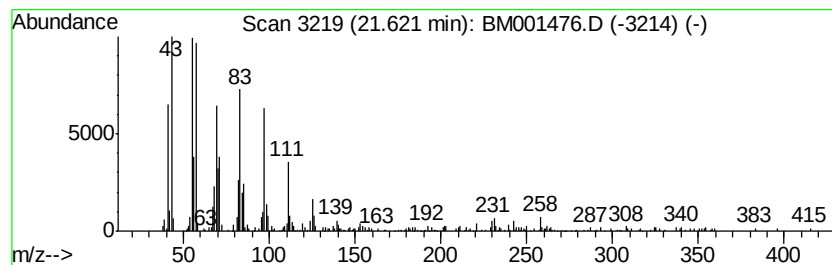
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Cyclic-02 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	4.71 ng/ul	500769	Chrysene-d12	21.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	91
2			Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
3			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4			Z-12-Pentacosene	350	C25H50	1000131-09-4	91
5			9-Tricosene, (Z)-	322	C23H46	027519-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

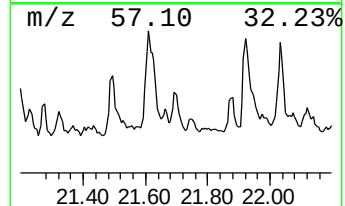
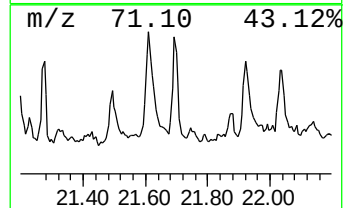
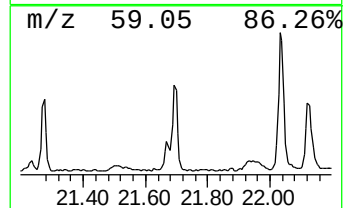
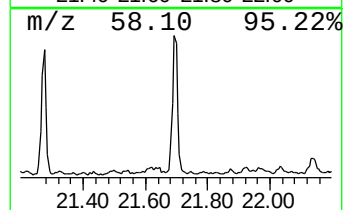
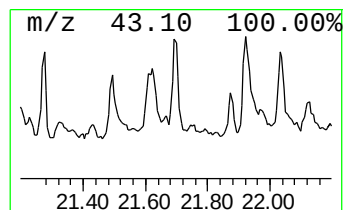
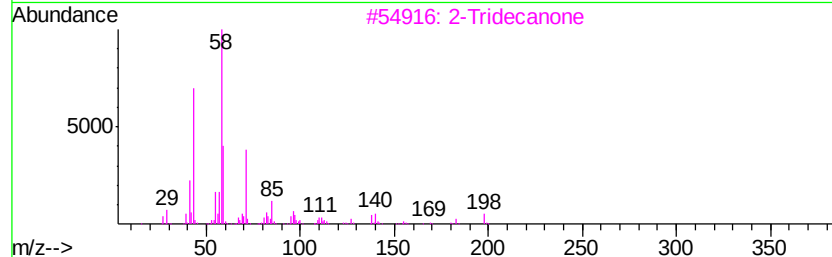
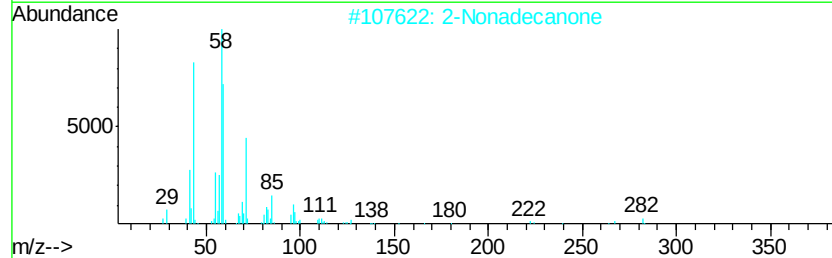
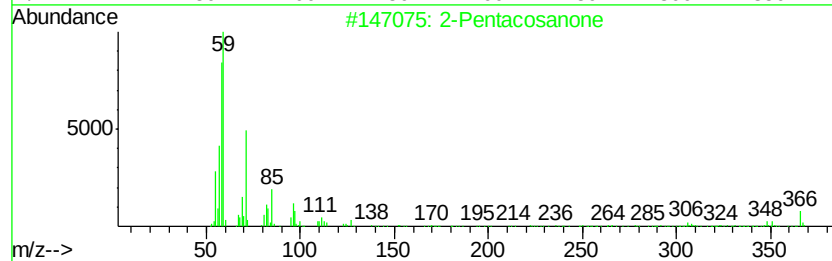
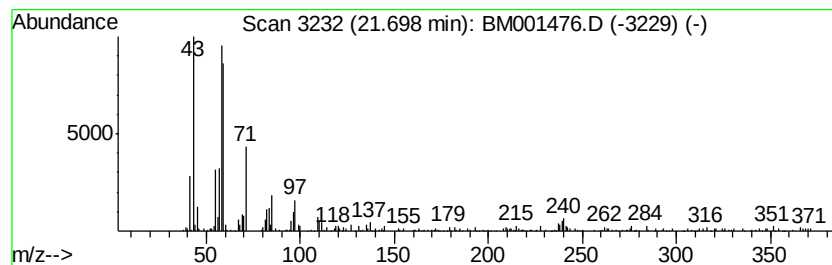
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 2-Pentacosanone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	2.78 ng/ul	295689	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Pentacosanone	366 C25H50O	075207-54-4	91
2	2-Nonadecanone	282 C19H38O	000629-66-3	86
3	2-Tridecanone	198 C13H26O	000593-08-8	59
4	2-Pentadecanone, 6,10,14-trimethyl-	268 C18H36O	000502-69-2	47
5	2-Pentadecanone	226 C15H30O	002345-28-0	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
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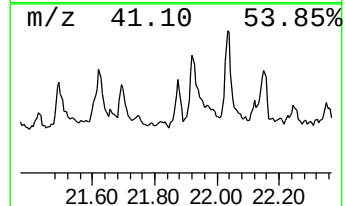
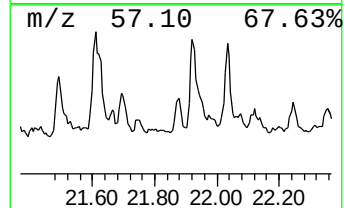
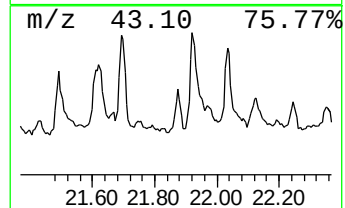
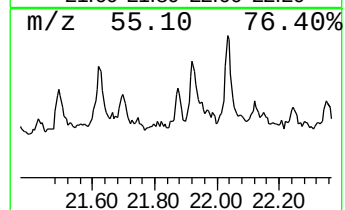
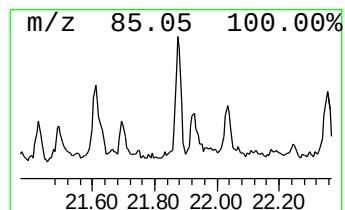
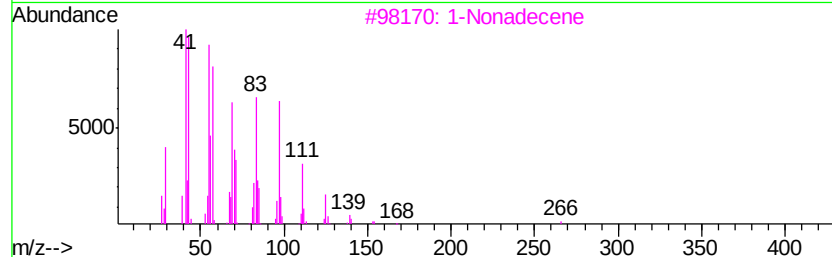
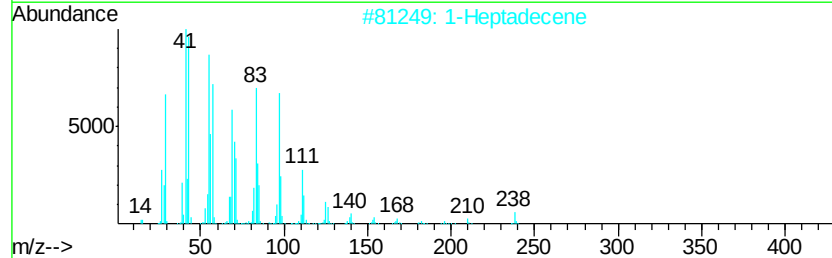
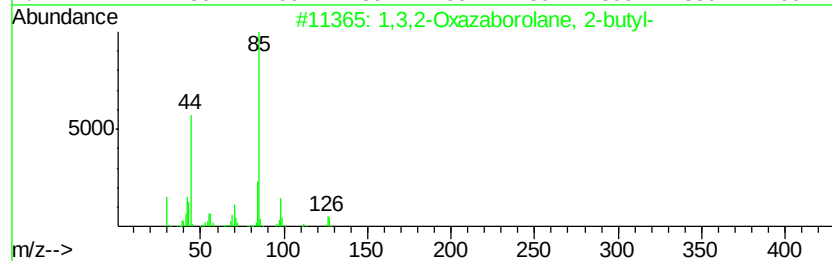
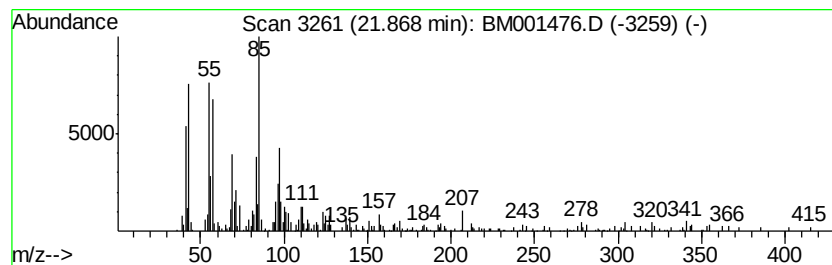
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 unknown-02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.23 ng/ul	237256	Chrysene-d12	21.03
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3,2-Oxazaborolane, 2-butyl-	127 C6H14BN0	031748-10-4	46
2	1-Heptadecene	238 C17H34	006765-39-5	43
3	1-Nonadecene	266 C19H38	018435-45-5	41
4	2H-Pyran, 2-[[(5.alpha.,17.beta....	360 C24H40O2	055162-81-7	38
5	1-Hexadecene	224 C16H32	000629-73-2	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
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Sample : G2411-09RE
Misc :
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Instrument :
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ClientSampleId :
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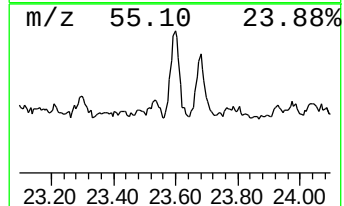
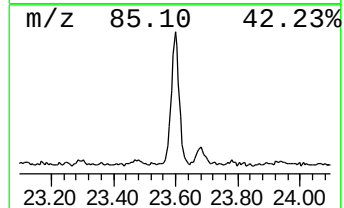
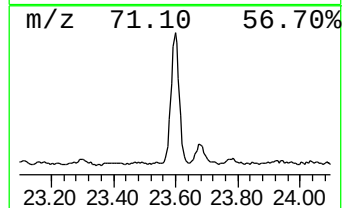
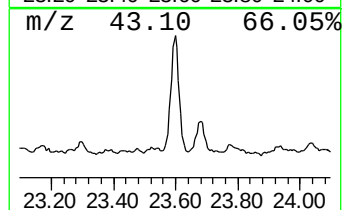
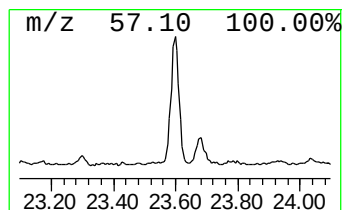
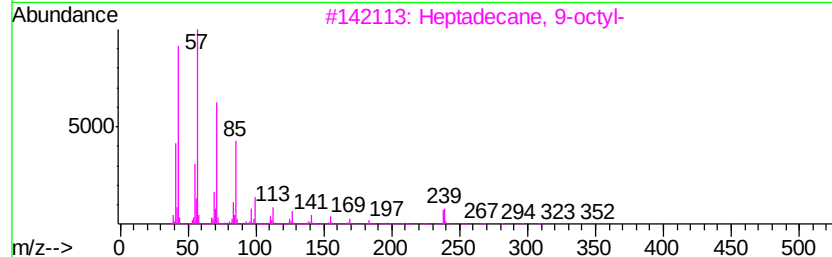
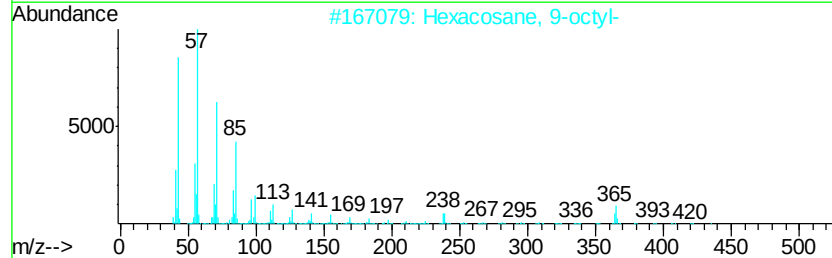
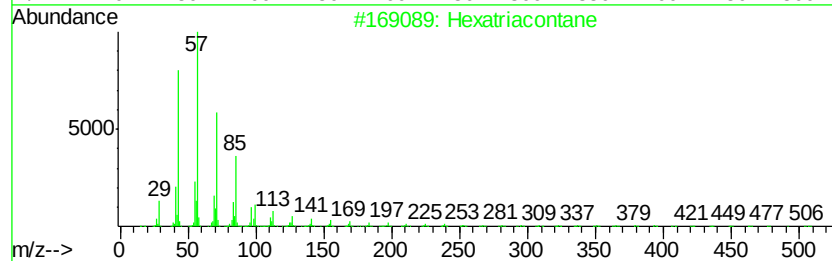
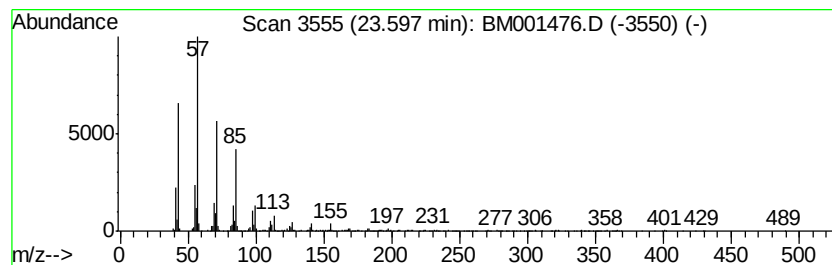
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	14.82 ng/ul	1236210	Perylene-d12	23.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexatriacontane	507	C36H74	000630-06-8	90
2		Hexacosane, 9-octyl-	479	C34H70	055429-83-9	90
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
Data File : BM001476.D
Acq On : 30 May 2015 15:47
Operator : TP/IZ
Sample : G2411-09RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRCORE

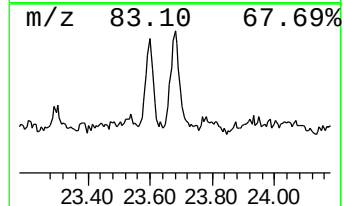
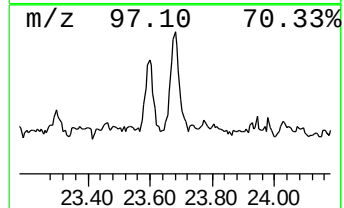
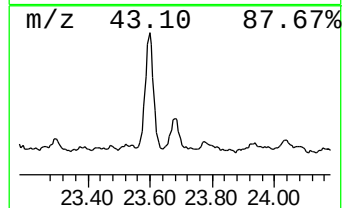
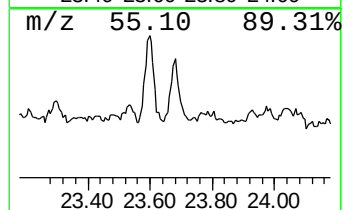
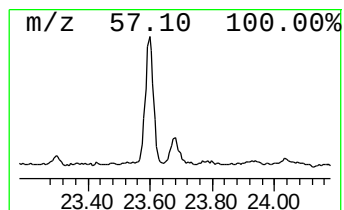
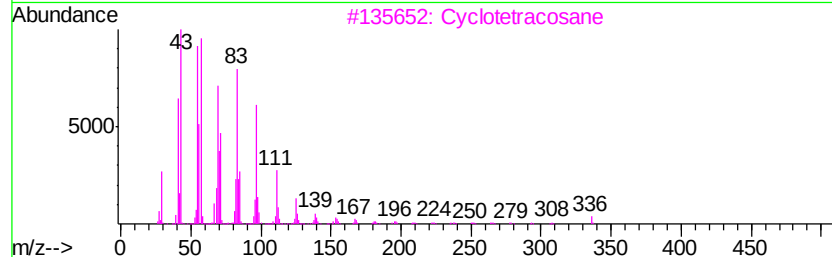
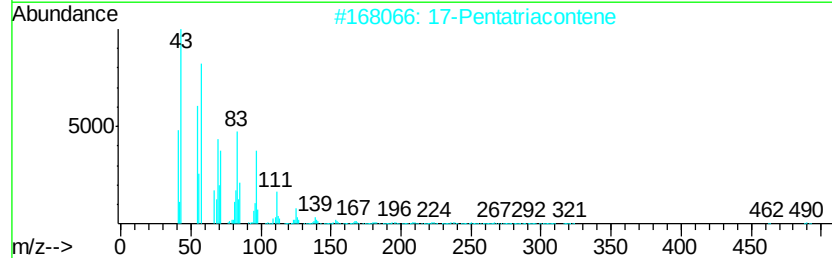
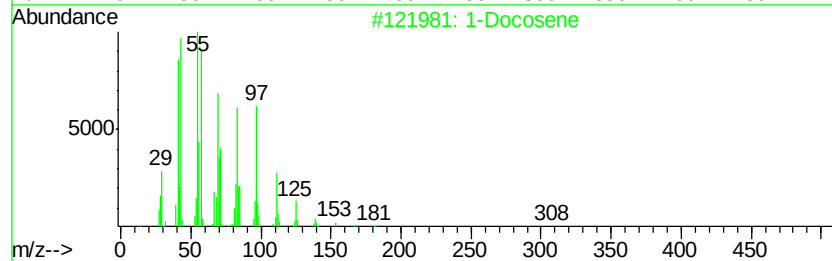
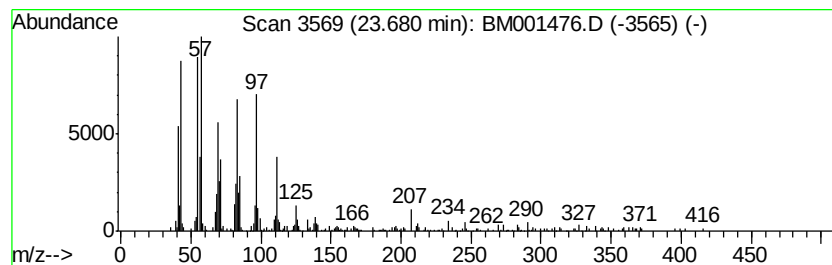
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	5.26 ng/ul	439169	Perylene-d12	23.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	96
2			17-Pentatriacontene	491	C35H70	006971-40-0	68
3			Cyclotetracosane	336	C24H48	000297-03-0	64
4			1-Heptacosanol	396	C27H56O	002004-39-9	64
5			1-Hexadecene	224	C16H32	000629-73-2	62



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM053015\
 Data File : BM001476.D
 Acq On : 30 May 2015 15:47
 Operator : TP/IZ
 Sample : G2411-09RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCR00RE

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
Methacrylamide	3.33	5.6	ng/ul	291508	1	7.37	1033280	20.0
Oxirane, tetramet...	4.58	2.1	ng/ul	106470	1	7.37	1033280	20.0
Ethanol, 2-(2-met...	5.90	2.1	ng/ul	110548	1	7.37	1033280	20.0
Benzene, 1,2,3-tr...	7.02	2.3	ng/ul	119207	1	7.37	1033280	20.0
Benzoic Acid	9.46	2.5	ng/ul	184439	2	10.16	1495460	20.0
Dodecanoic acid	14.52	5.9	ng/ul	501653	3	14.06	1697790	20.0
unknown-01	17.54	3.1	ng/ul	289768	4	16.82	1849370	20.0
Hexadecenoic acid...	17.62	3.0	ng/ul	277699	4	16.82	1849370	20.0
n-Hexadecanoic acid	17.74	15.9	ng/ul	1472640	4	16.82	1849370	20.0
1,1'-Biphenyl, 2,...	17.89	4.3	ng/ul	400327	4	16.82	1849370	20.0
1,1'-Biphenyl, 2,...	18.17	2.9	ng/ul	269030	4	16.82	1849370	20.0
Dodecane, 1-iodo-	18.67	2.0	ng/ul	187412	4	16.82	1849370	20.0
12-Octadecenoic a...	18.72	14.7	ng/ul	1356700	4	16.82	1849370	20.0
1,1'-Biphenyl, 2,...	18.75	7.2	ng/ul	664283	4	16.82	1849370	20.0
1,1'-Biphenyl, 2,...	19.10	2.7	ng/ul	288988	5	21.03	2127470	20.0
1,1'-Biphenyl, 2,...	19.49	6.0	ng/ul	633714	5	21.03	2127470	20.0
1,1'-Biphenyl, 2,...	19.76	5.3	ng/ul	569174	5	21.03	2127470	20.0
1,1'-Biphenyl, 2,...	19.81	5.3	ng/ul	568594	5	21.03	2127470	20.0
1,1'-Biphenyl, 2,...	20.04	3.4	ng/ul	356738	5	21.03	2127470	20.0
1,1'-Biphenyl, 2,...	20.12	6.4	ng/ul	683697	5	21.03	2127470	20.0
1,1'-Biphenyl, 3,...	20.36	8.2	ng/ul	872080	5	21.03	2127470	20.0
Octadecanoic acid	20.60	9.8	ng/ul	1042360	5	21.03	2127470	20.0
1,1'-Biphenyl, 2,...	20.66	2.4	ng/ul	259081	5	21.03	2127470	20.0
(DEL) Alkane: Cyc...	20.75	10.3	ng/ul	1090820	5	21.03	2127470	20.0
2-Heptacosanone	20.83	5.8	ng/ul	621342	5	21.03	2127470	20.0
2-Nonadecanone	21.27	2.2	ng/ul	232724	5	21.03	2127470	20.0
Eicosanoic acid	21.49	3.9	ng/ul	416969	5	21.03	2127470	20.0
(DEL) Alkane: Cyc...	21.62	4.7	ng/ul	500769	5	21.03	2127470	20.0
2-Pentacosanone	21.70	2.8	ng/ul	295689	5	21.03	2127470	20.0
unknown-02	21.87	2.2	ng/ul	237256	5	21.03	2127470	20.0
(DEL) Alkane: Str...	23.60	14.8	ng/ul	1236210	6	23.12	1668500	20.0
(DEL) Alkane: Str...	23.68	5.3	ng/ul	439169	6	23.12	1668500	20.0