

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001457.D
 Acq On : 29 May 2015 23:20
 Operator : TP/IZ
 Sample : G2411-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCR00

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	3.340	107	111	119	rVV	153715	189923	2.29%	0.208%
2	6.581	657	662	673	rVB	500559	807888	9.73%	0.886%
3	6.728	679	687	694	rBV	354878	537820	6.48%	0.590%
4	6.916	713	719	728	rVV	510117	771724	9.29%	0.847%
5	7.028	728	738	744	rVV3	43407	106881	1.29%	0.117%
6	7.381	789	798	803	rBV	600110	947635	11.41%	1.040%
7	8.116	917	923	930	rBV	543623	828916	9.98%	0.910%
8	8.204	930	938	945	rVB	176359	303382	3.65%	0.333%
9	8.539	989	995	1004	rVV	454743	713168	8.59%	0.783%
10	9.257	1107	1117	1123	rBV	416899	655731	7.90%	0.720%
11	9.469	1143	1153	1160	rBV	70375	164761	1.98%	0.181%
12	9.798	1203	1209	1219	rVV	645944	1041931	12.55%	1.143%
13	10.163	1262	1271	1277	rBV	910373	1457644	17.56%	1.599%
14	10.316	1290	1297	1307	rBV3	75178	180410	2.17%	0.198%
15	11.616	1510	1518	1525	rBV	89142	139408	1.68%	0.153%
16	12.398	1644	1651	1657	rVV	63474	108508	1.31%	0.119%
17	12.663	1691	1696	1703	rBV	96932	142366	1.71%	0.156%
18	12.892	1730	1735	1742	rVV2	95881	135286	1.63%	0.148%
19	13.486	1830	1836	1840	rVV	1016571	1352823	16.29%	1.484%
20	13.533	1840	1844	1853	rVV	368845	529490	6.38%	0.581%
21	13.751	1875	1881	1894	rVB	1220687	1837524	22.13%	2.016%
22	13.986	1913	1921	1925	rBV	87346	130213	1.57%	0.143%
23	14.069	1929	1935	1942	rVB2	1182101	1786353	21.51%	1.960%
24	14.304	1968	1975	1987	rBV	462112	704559	8.49%	0.773%
25	14.527	2007	2013	2023	rVV	345662	550039	6.62%	0.604%
26	14.945	2080	2084	2088	rBV	86986	114910	1.38%	0.126%
27	15.068	2099	2105	2111	rBV	1606784	2163142	26.05%	2.374%
28	15.204	2123	2128	2138	rVB	286986	385449	4.64%	0.423%
29	15.810	2226	2231	2233	rBV	93609	130227	1.57%	0.143%
30	16.251	2301	2306	2310	rBV7	48060	94562	1.14%	0.104%
31	16.598	2362	2365	2369	rVV2	87099	109147	1.31%	0.120%
32	16.645	2369	2373	2379	rVV3	56798	95227	1.15%	0.104%
33	16.745	2386	2390	2396	rVV3	60493	94726	1.14%	0.104%
34	16.815	2396	2402	2407	rVV2	1406987	1990553	23.97%	2.184%

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35	16.857	2407	2409	2414	rVV	87584	115458	1.39%	0.127%
36	16.915	2414	2419	2430	rVV2	1598913	2250544	27.10%	2.470%
37	17.333	2486	2490	2494	rBV2	84353	97671	1.18%	0.107%
38	17.433	2501	2507	2511	rVB3	77305	136711	1.65%	0.150%
39	17.545	2522	2526	2531	rVB2	256430	319604	3.85%	0.351%
40	17.615	2531	2538	2544	rBV3	137607	300960	3.62%	0.330%
41	17.674	2544	2548	2554	rVB3	82680	139111	1.68%	0.153%
42	17.739	2554	2559	2568	rBV	1227542	1660366	20.00%	1.822%
43	17.892	2579	2585	2589	rBV3	292545	425656	5.13%	0.467%
44	18.027	2605	2608	2614	rVB2	138007	184125	2.22%	0.202%
45	18.180	2628	2634	2640	rBV5	144464	286446	3.45%	0.314%
46	18.298	2649	2654	2660	rBV4	64902	123077	1.48%	0.135%
47	18.439	2670	2678	2686	rBV10	54212	177933	2.14%	0.195%
48	18.633	2706	2711	2714	rVV3	64312	114304	1.38%	0.125%
49	18.674	2714	2718	2721	rVV2	157417	216004	2.60%	0.237%
50	18.727	2721	2727	2730	rVV2	1122182	1602486	19.30%	1.758%
51	18.756	2730	2732	2741	rVV4	424529	650017	7.83%	0.713%
52	18.833	2742	2745	2750	rVB4	93242	137849	1.66%	0.151%
53	18.886	2750	2754	2756	rBV	250914	337721	4.07%	0.371%
54	18.933	2756	2762	2775	rVV3	720246	2134992	25.71%	2.343%
55	19.039	2775	2780	2787	rVV2	952211	1670087	20.11%	1.833%
56	19.109	2788	2792	2798	rVB2	209037	299840	3.61%	0.329%
57	19.221	2806	2811	2815	rBV	1717359	2402902	28.94%	2.637%
58	19.304	2821	2825	2830	rBV4	139260	182649	2.20%	0.200%
59	19.386	2835	2839	2843	rVB	239892	278159	3.35%	0.305%
60	19.433	2843	2847	2850	rBV2	136870	151788	1.83%	0.167%
61	19.492	2852	2857	2862	rVB	482506	618684	7.45%	0.679%
62	19.545	2863	2866	2870	rBV3	72923	118615	1.43%	0.130%
63	19.762	2897	2903	2907	rBV3	365887	569067	6.85%	0.624%
64	19.809	2907	2911	2915	rVB2	455281	563556	6.79%	0.618%
65	19.856	2916	2919	2922	rBV	137451	152716	1.84%	0.168%
66	19.968	2935	2938	2941	rVB2	106578	132759	1.60%	0.146%
67	20.039	2946	2950	2955	rVB2	281861	354820	4.27%	0.389%
68	20.092	2955	2959	2960	rBV3	157851	192444	2.32%	0.211%
69	20.121	2960	2964	2971	rVB	507652	686286	8.27%	0.753%
70	20.280	2988	2991	2997	rVB3	98349	163434	1.97%	0.179%
71	20.356	2997	3004	3010	rBV2	514875	852598	10.27%	0.936%

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72	20.603	3042	3046	3052	rBV	754684	1100556	13.25%	1.208%
73	20.662	3053	3056	3061	rVB3	172899	258210	3.11%	0.283%
74	20.750	3067	3071	3080	rBV	736190	1004650	12.10%	1.102%
75	20.833	3081	3085	3090	rVB	540289	582869	7.02%	0.640%
76	21.021	3111	3117	3121	rBV	1591899	2076848	25.01%	2.279%
77	21.068	3121	3125	3137	rVB2	2812068	4111181	49.51%	4.511%
78	21.274	3157	3160	3164	rVB	206534	235559	2.84%	0.258%
79	21.486	3193	3196	3203	rBV2	251114	472314	5.69%	0.518%
80	21.621	3214	3219	3224	rBV3	212581	396921	4.78%	0.436%
81	21.692	3228	3231	3237	rVB2	231752	267402	3.22%	0.293%
82	21.874	3259	3262	3266	rVB	196569	216073	2.60%	0.237%
83	21.921	3266	3270	3283	rBV3	408987	983269	11.84%	1.079%
84	22.033	3285	3289	3299	rVB	438407	661398	7.97%	0.726%
85	22.144	3306	3308	3314	rVB	211382	290801	3.50%	0.319%
86	22.497	3363	3368	3371	rBV	483868	743866	8.96%	0.816%
87	22.539	3371	3375	3385	rVB2	1147562	1760406	21.20%	1.932%
88	22.980	3445	3450	3456	rBV2	1019397	1773114	21.35%	1.946%
89	23.109	3467	3472	3478	rVB2	919230	1525617	18.37%	1.674%
90	23.591	3549	3554	3562	rVB	588335	1081184	13.02%	1.186%
91	23.674	3564	3568	3576	rVB2	235598	436010	5.25%	0.478%
92	24.268	3665	3669	3674	rBV8	215120	390858	4.71%	0.429%
93	25.021	3792	3797	3805	rBV4	213242	652530	7.86%	0.716%
94	25.309	3840	3846	3864	rVB4	638296	2124184	25.58%	2.331%
95	25.574	3887	3891	3902	rVB2	558764	1365517	16.45%	1.498%
96	25.844	3931	3937	3949	rVB7	772272	2590278	31.20%	2.842%
97	26.185	3986	3995	4010	rVB2	1329176	4917624	59.23%	5.396%
98	26.562	4050	4059	4073	rBV	797798	2687149	32.36%	2.949%
99	28.244	4332	4345	4368	rVB2	1900745	8303161	100.00%	9.111%
100	28.491	4375	4387	4406	rVB4	1560911	6019095	72.49%	6.605%

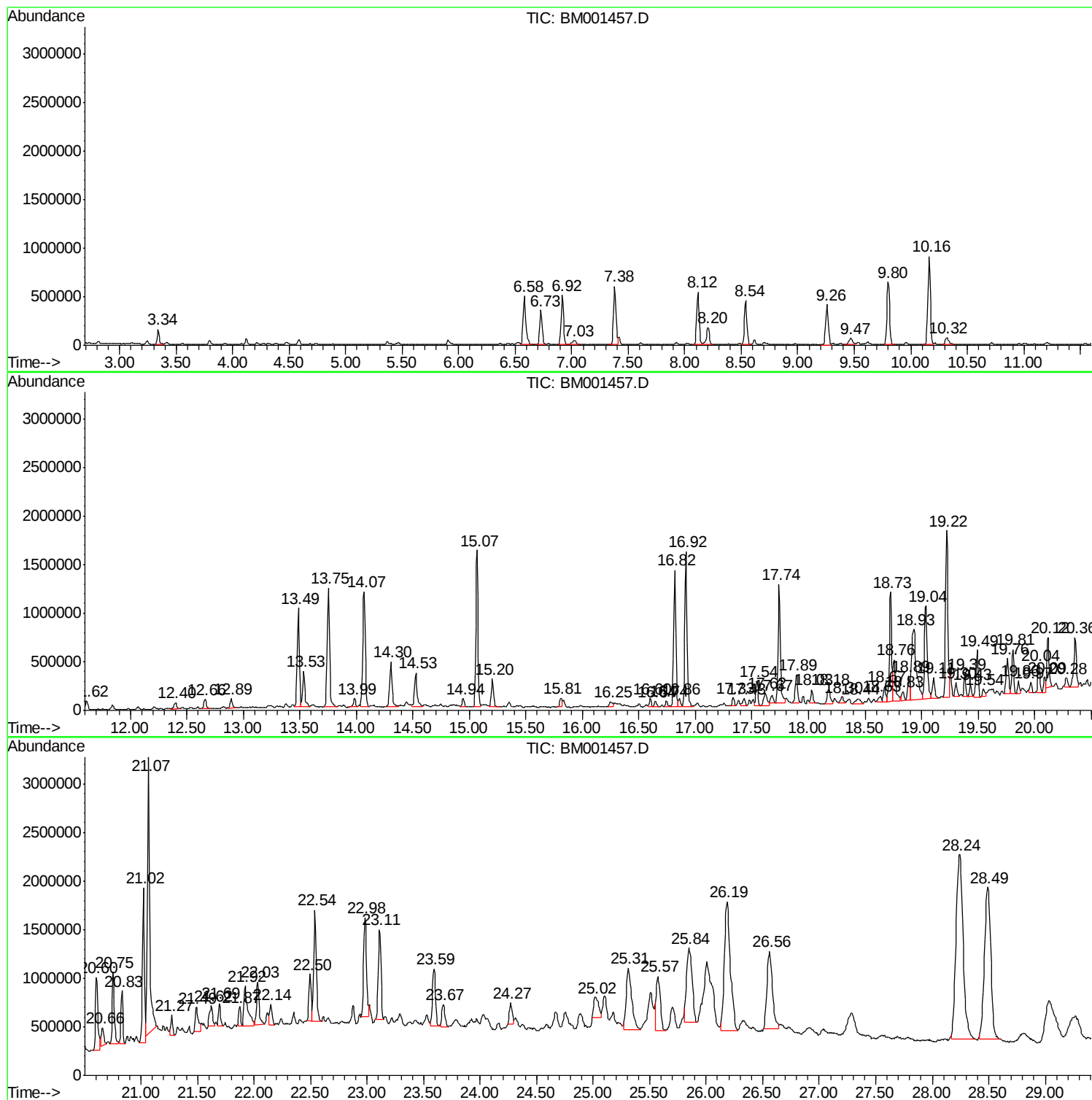
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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



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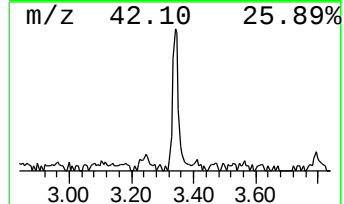
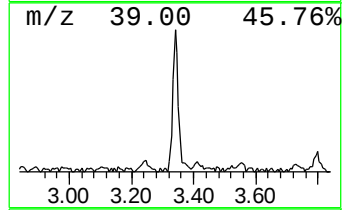
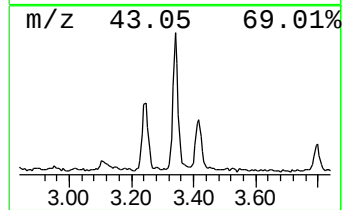
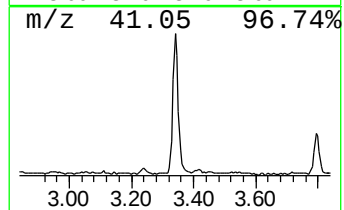
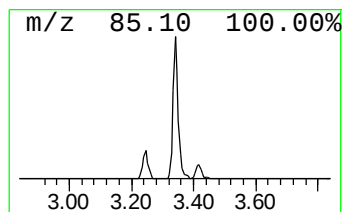
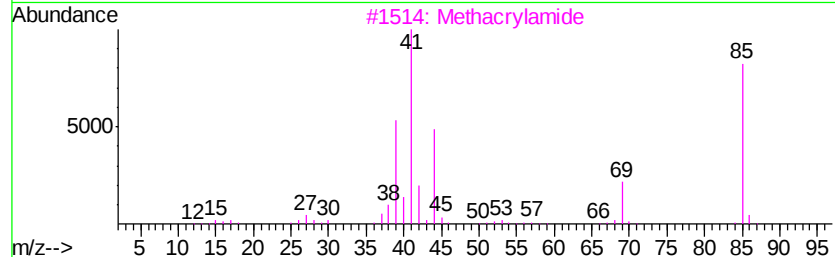
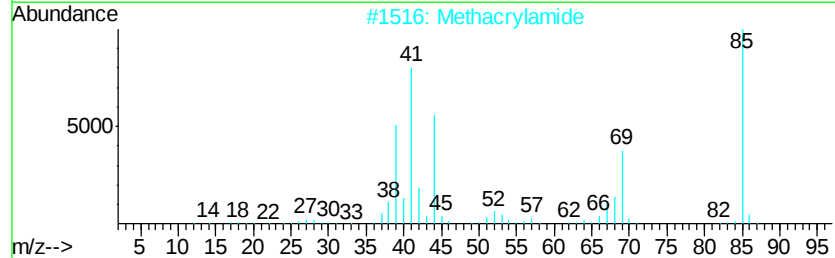
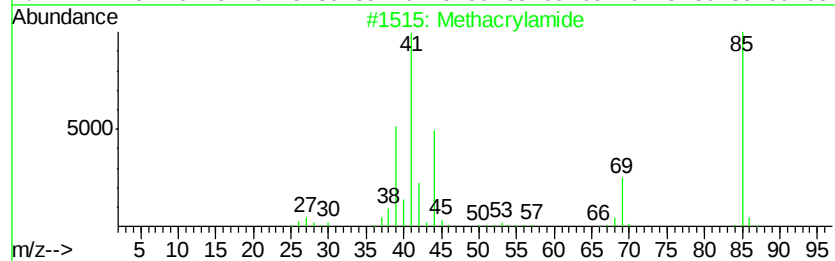
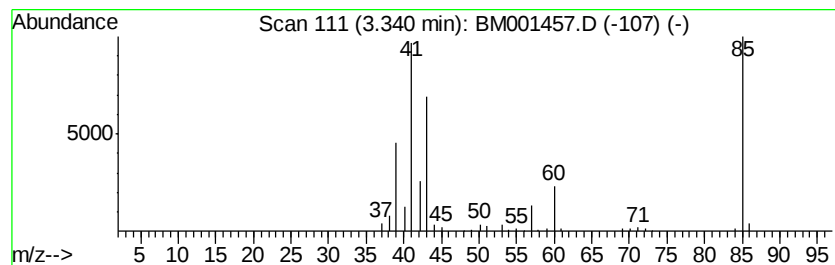
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Methacrylamide Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	4.01 ng/ul	189923	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methacrylamide	85	C4H7NO	000079-39-0	64
2		Methacrylamide	85	C4H7NO	000079-39-0	64
3		Methacrylamide	85	C4H7NO	000079-39-0	28
4		Isobutyl nitrite	103	C4H9NO2	000542-56-3	16
5		Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	9



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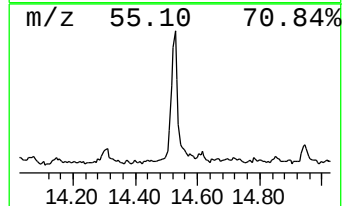
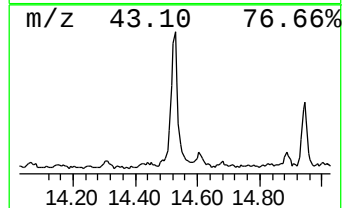
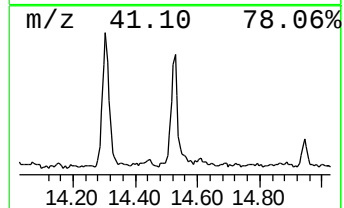
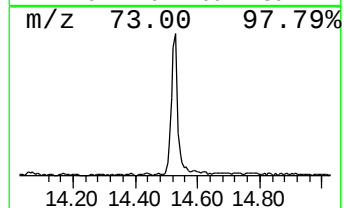
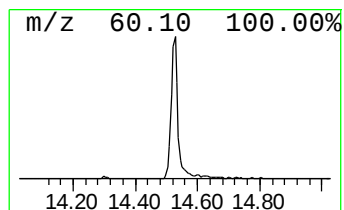
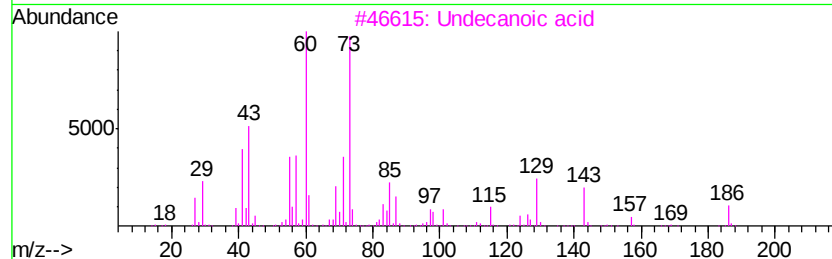
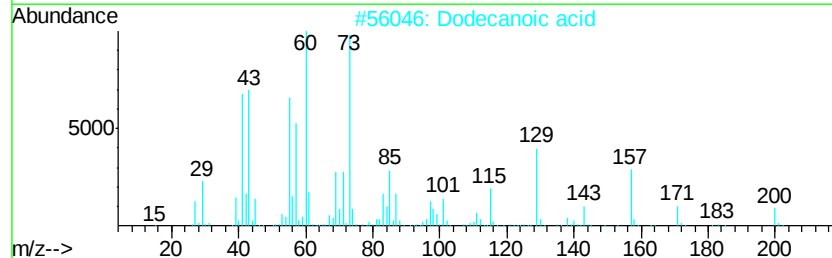
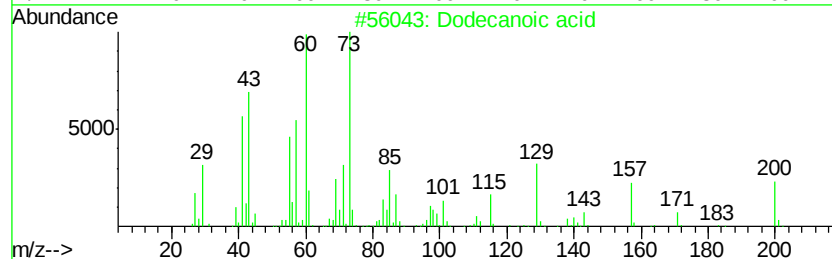
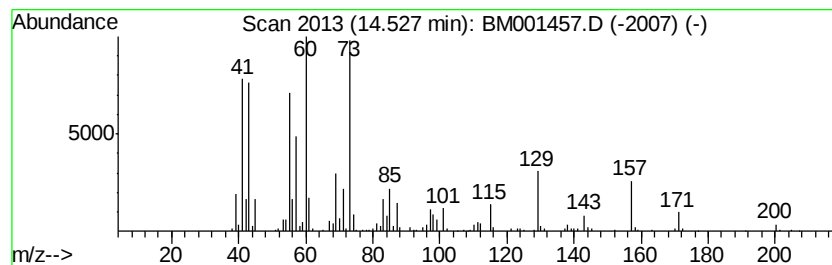
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dodecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	6.16 ng/ul	550039	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecanoic acid	200 C12H24O2	000143-07-7	91
2	Dodecanoic acid	200 C12H24O2	000143-07-7	91
3	Undecanoic acid	186 C11H22O2	000112-37-8	72
4	Dodecanoic acid	200 C12H24O2	000143-07-7	59
5	Nonanoic acid	158 C9H18O2	000112-05-0	53



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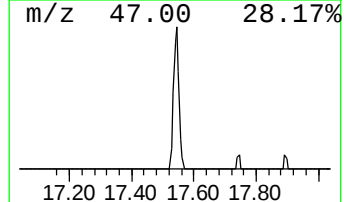
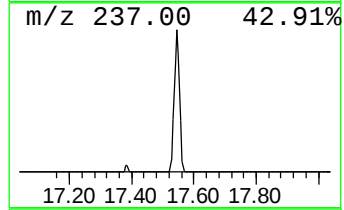
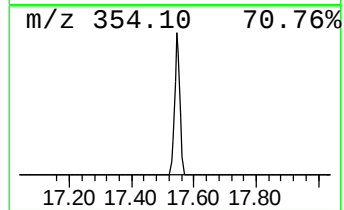
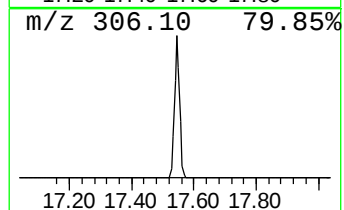
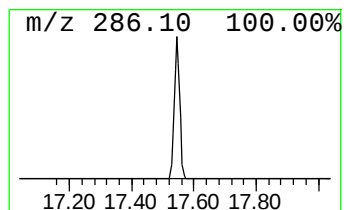
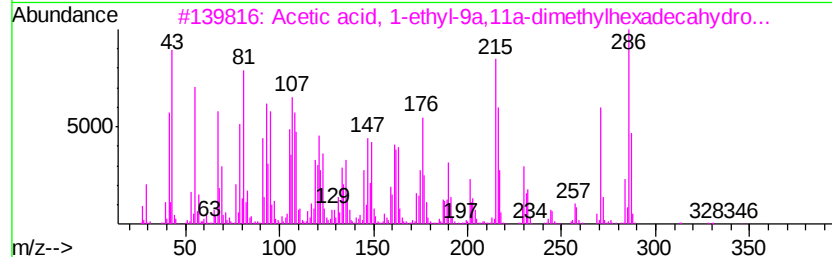
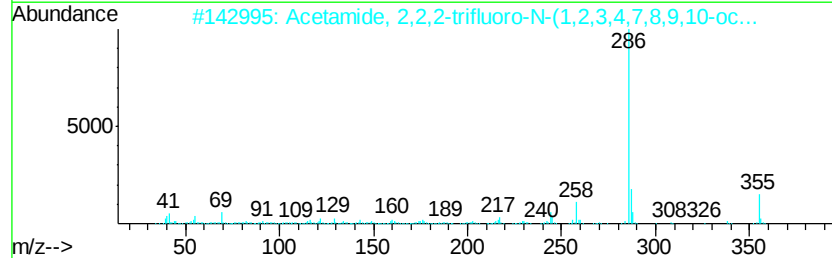
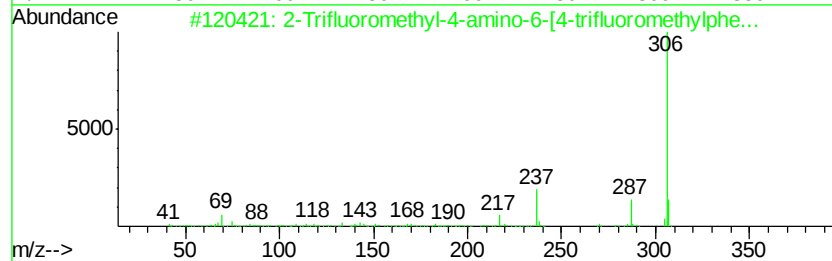
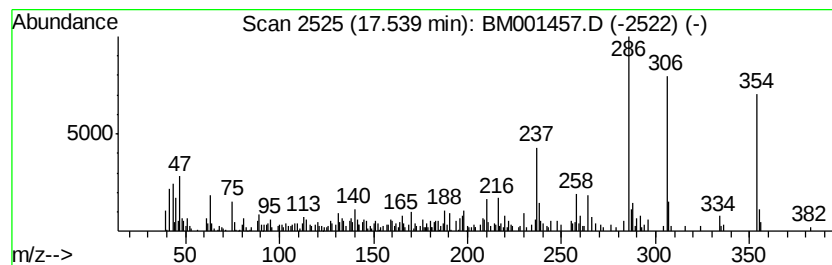
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	3.21 ng/ul	319604	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Trifluoromethyl-4-amino-6-[4-t...	306	C13H8F6N2	1000213-69-4	42
2		Acetamide, 2,2,2-trifluoro-N-(1,...	355	C16H16F3N3OS	1000276-47-1	35
3		Acetic acid, 1-ethyl-9a,11a-dime...	346	C23H38O2	1000190-78-3	15
4		4,5-Diphenyl-1,3-dithiole-2-thione	286	C15H10S3	017534-37-1	15
5		5-Hydroxy-benzo[de]benzo[4,5]imi...	286	C18H10N2O2	1000297-34-0	15



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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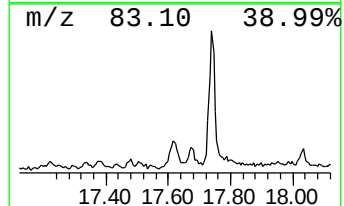
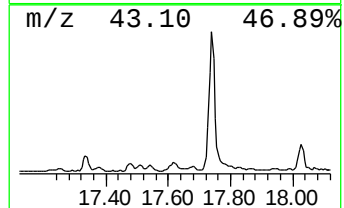
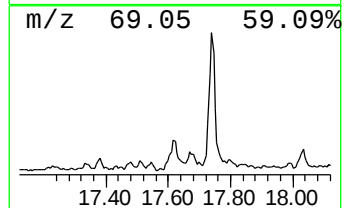
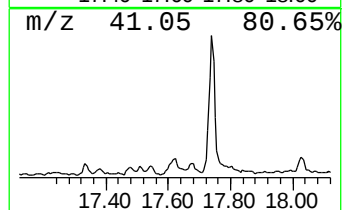
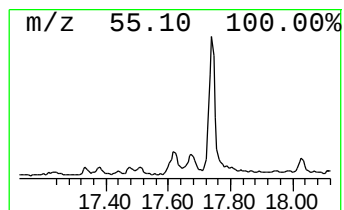
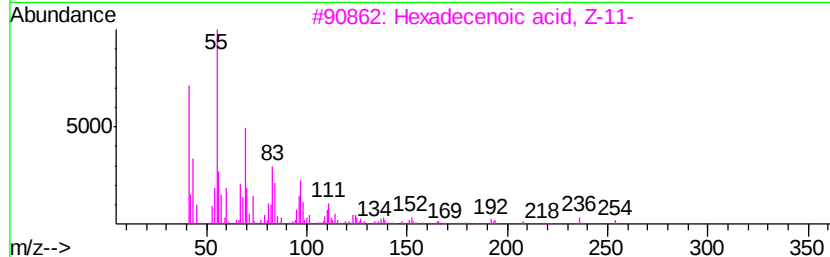
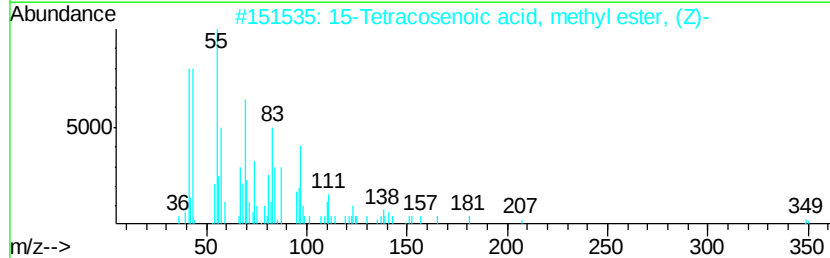
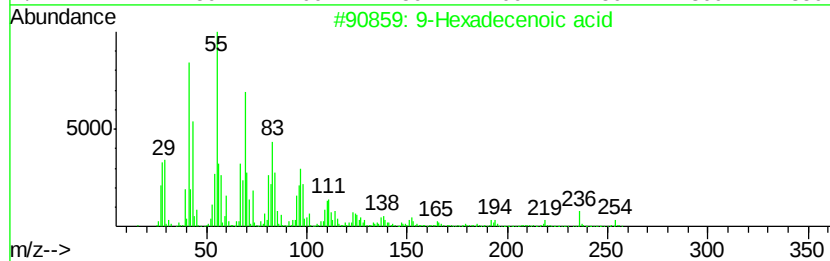
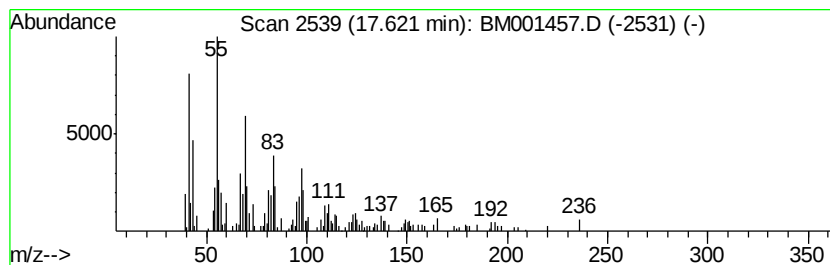
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9-Hexadecenoic acid Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	3.02 ng/ul	300960	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Hexadecenoic acid	254	C16H30O2	002091-29-4	87
2		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	83
3		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	72
4		9-Oxabicyclo[6.1.0]nonane, cis-	126	C8H14O	004925-71-7	70
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
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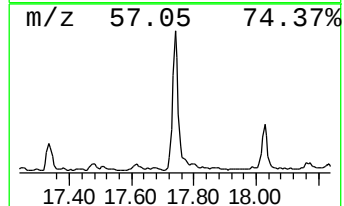
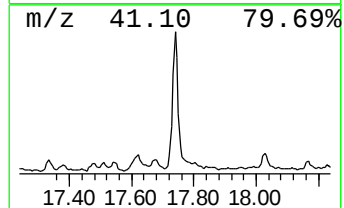
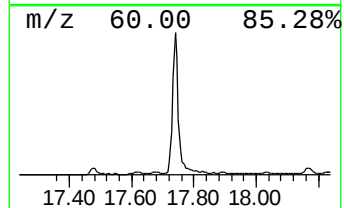
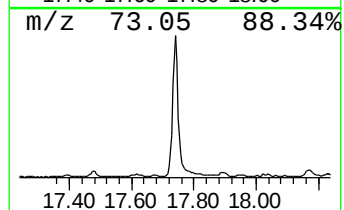
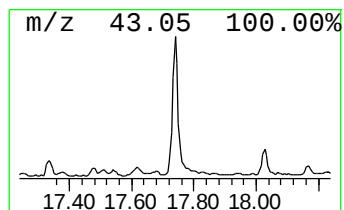
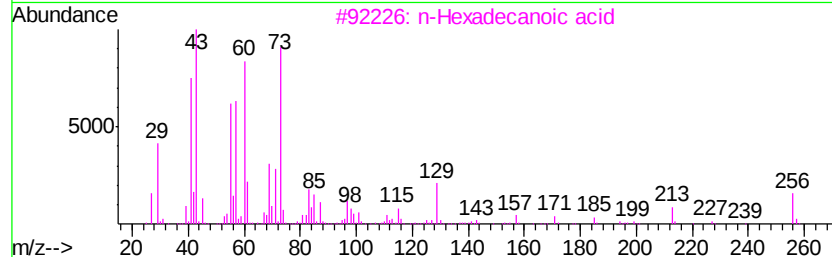
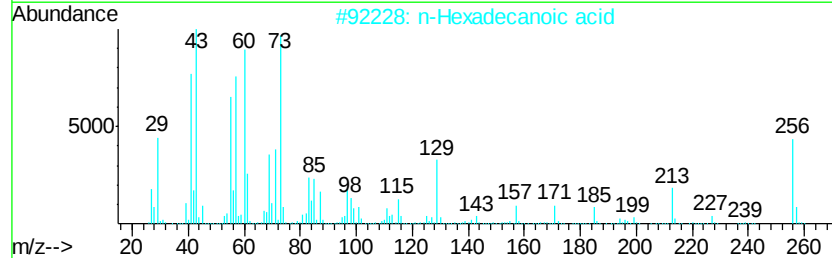
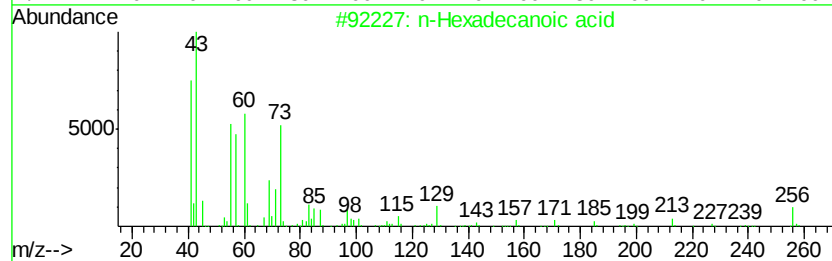
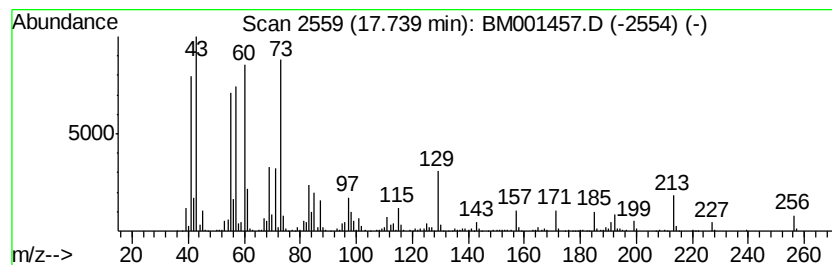
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.74	16.68 ng/ul	1660370	Phenanthrene-d10	16.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
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Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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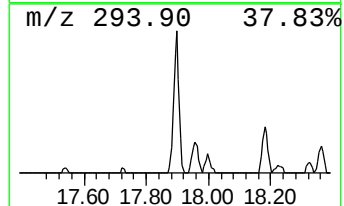
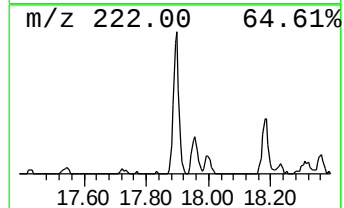
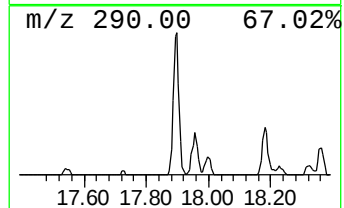
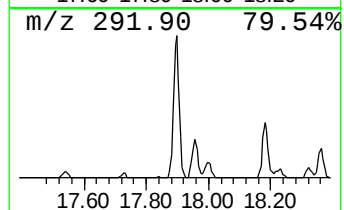
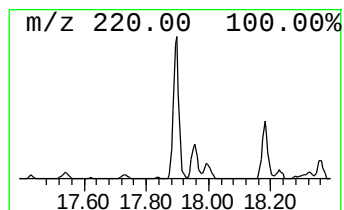
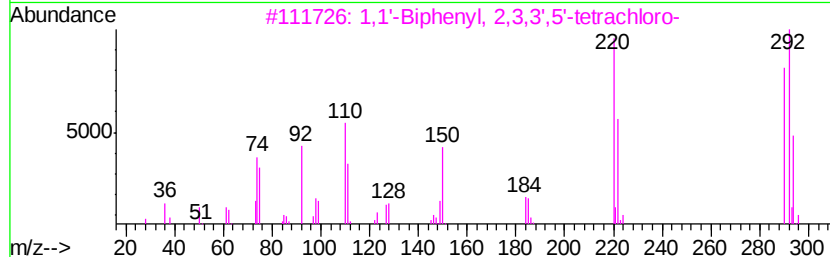
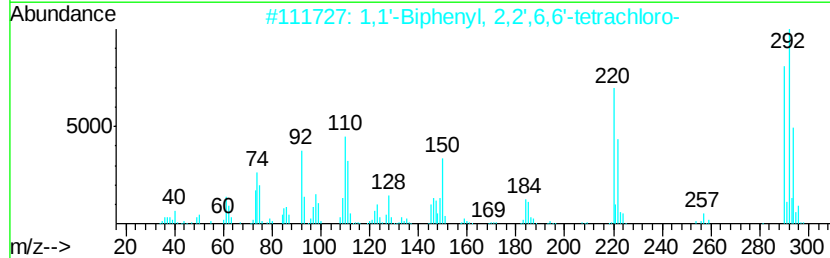
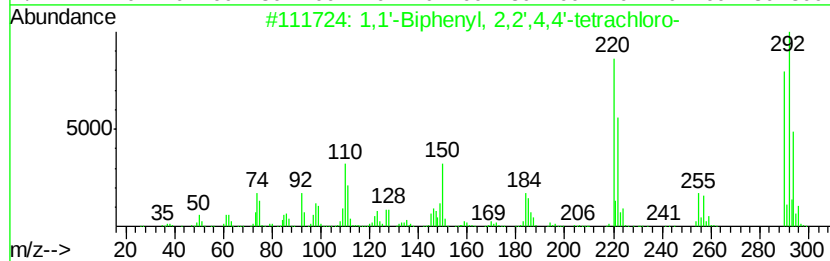
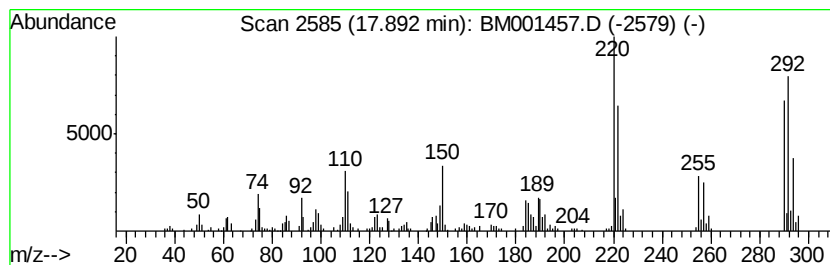
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 2,2',4,4'-te... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	4.28 ng/ul	425656	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, 2,2',6,6'-tetrach...	290	C12H6Cl4	015968-05-5	99
3			1,1'-Biphenyl, 2,3,3',5'-tetrach...	290	C12H6Cl4	041464-49-7	99
4			1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5			1,1'-Biphenyl, 2,2',4,5'-tetrach...	290	C12H6Cl4	041464-40-8	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

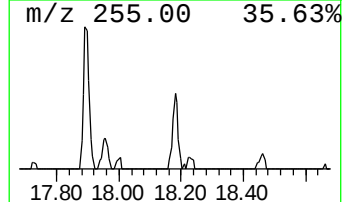
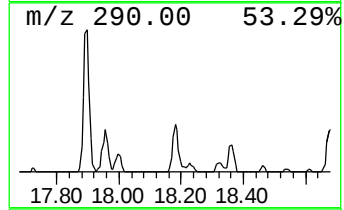
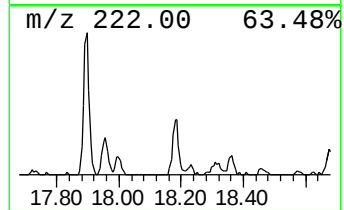
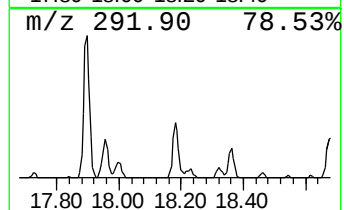
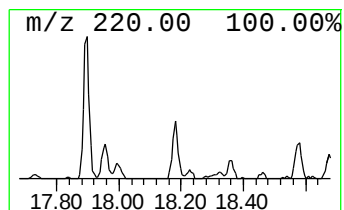
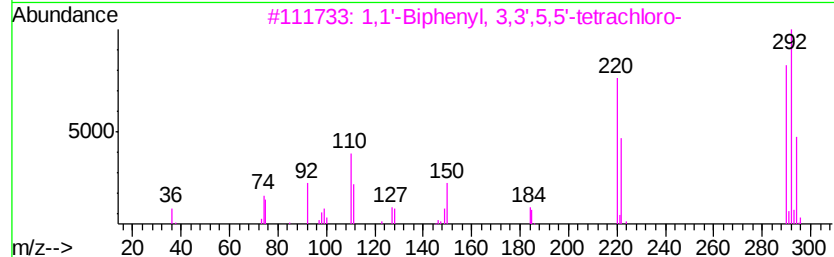
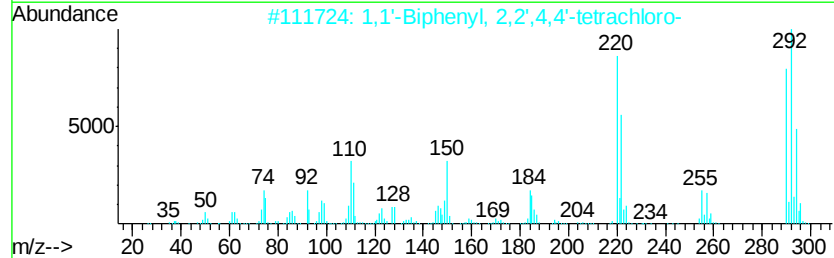
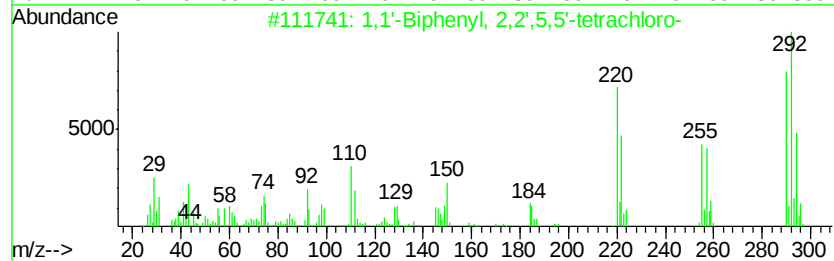
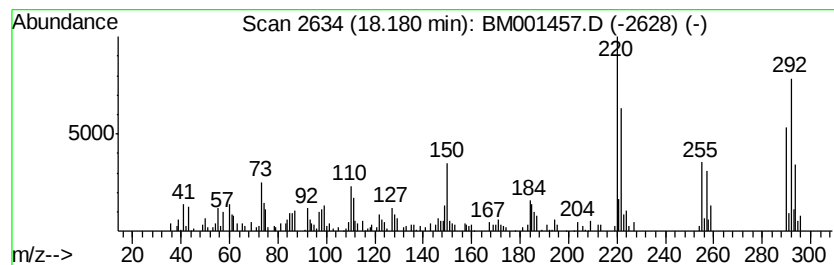
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1,1'-Biphenyl, 2,2',5,5'-te... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.18	2.88 ng/ul	286446	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',4,4'-tetrachl...	290	C12H6Cl4	002437-79-8	99
3	1,1'-Biphenyl, 3,3',5,5'-tetrachl...	290	C12H6Cl4	033284-52-5	99
4	1,1'-Biphenyl, 2,2',5,6-Tetrachl...	290	C12H6Cl4	041464-41-9	99
5	1,1'-Biphenyl, 2,3,4',6-tetrachl...	290	C12H6Cl4	052663-58-8	99



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
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Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRC0

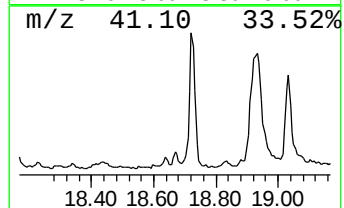
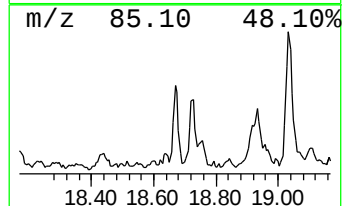
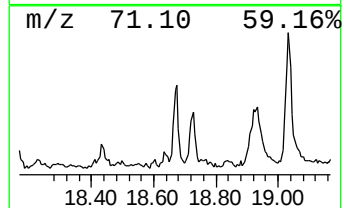
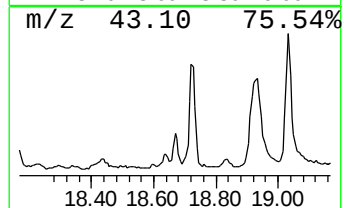
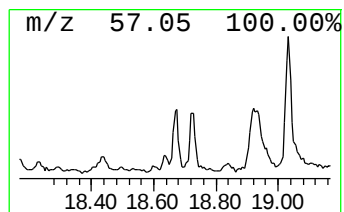
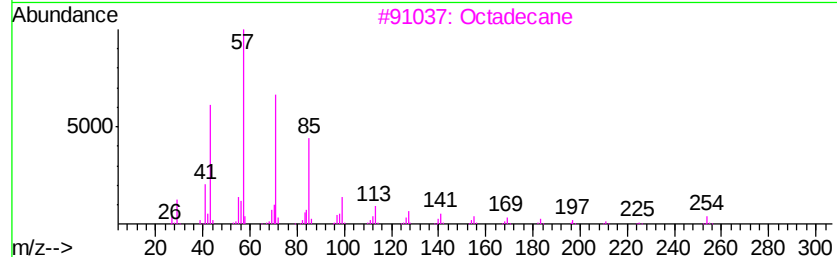
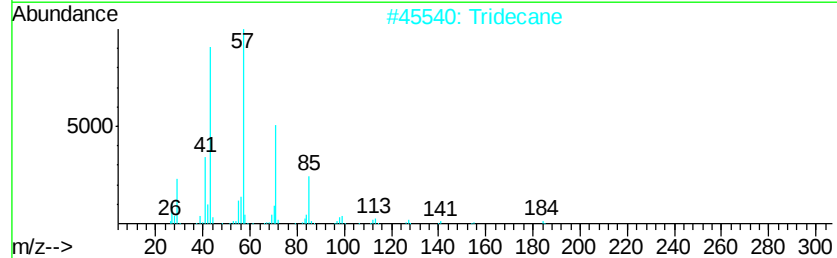
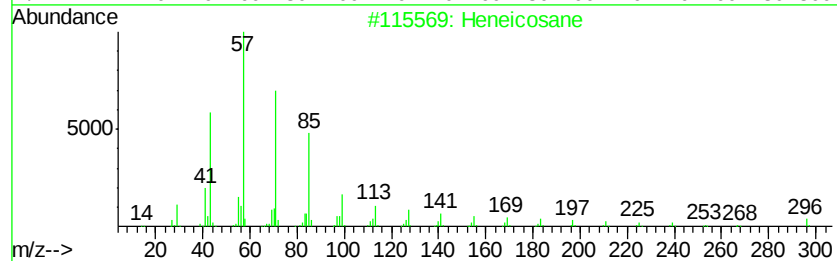
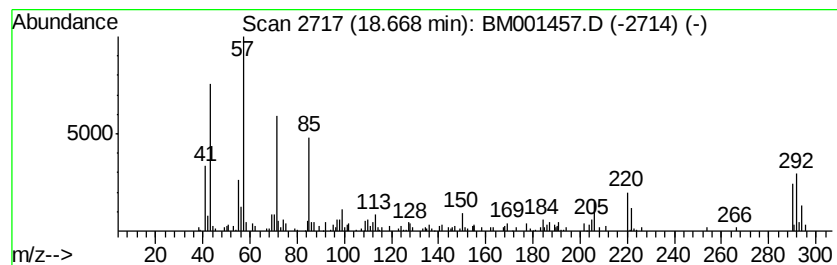
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.17 ng/ul	216004	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	72
2			Tridecane	184	C13H28	000629-50-5	38
3			Octadecane	254	C18H38	000593-45-3	30
4			Tridecane	184	C13H28	000629-50-5	30
5			Octadecane	254	C18H38	000593-45-3	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
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ALS Vial : 16 Sample Multiplier: 1

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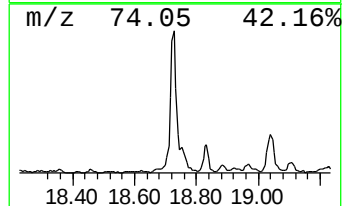
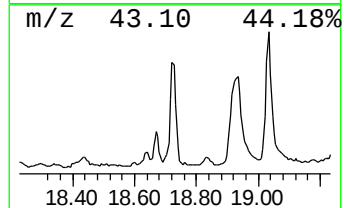
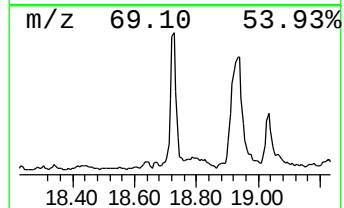
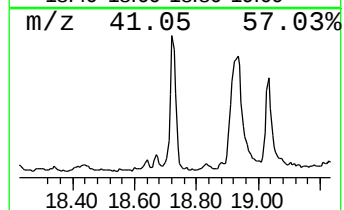
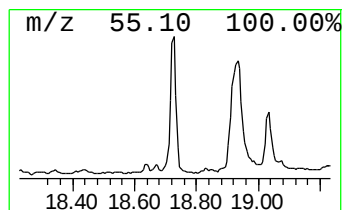
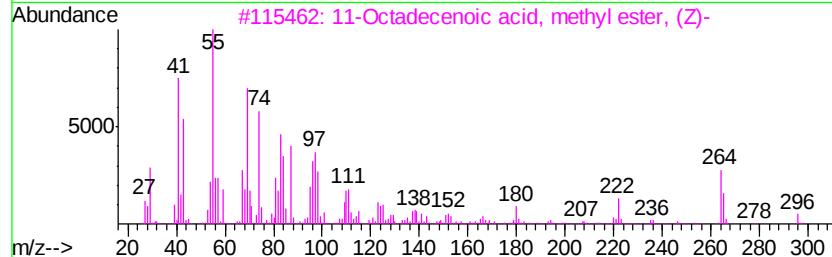
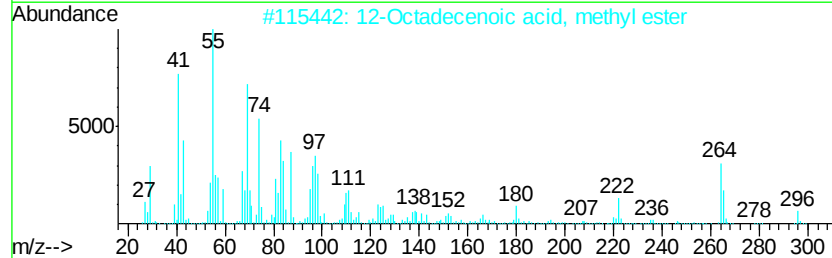
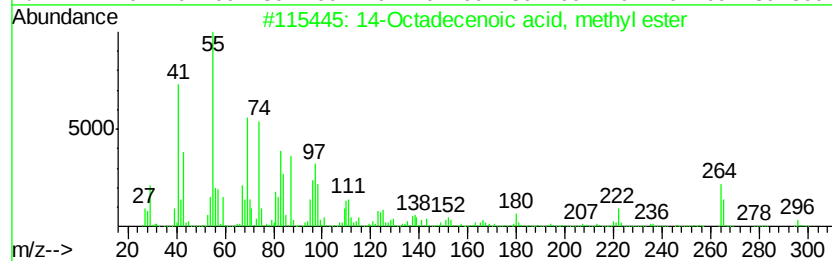
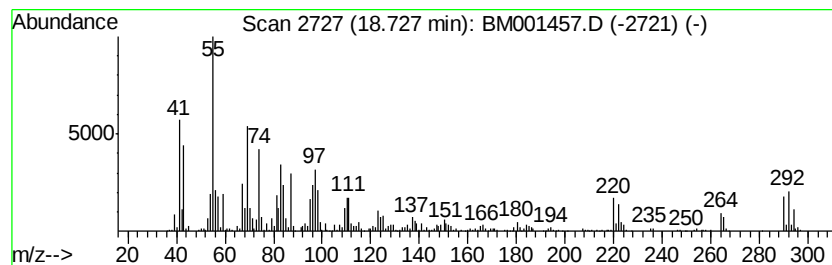
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 14-Octadecenoic acid, methyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	16.10 ng/ul	1602490	Phenanthrene-d10	16.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
2			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	97
3			11-Octadecenoic acid, methyl ester...	296	C19H36O2	001937-63-9	97
4			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
5			9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	96



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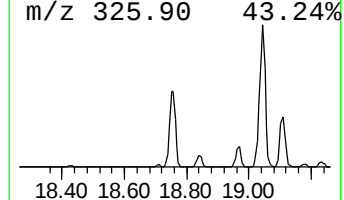
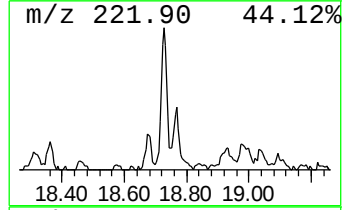
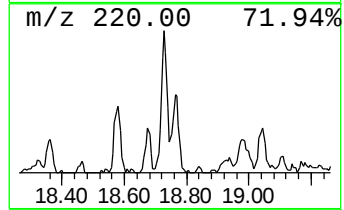
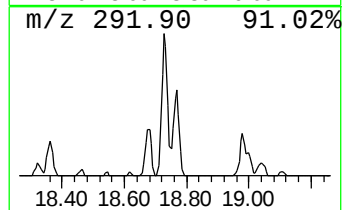
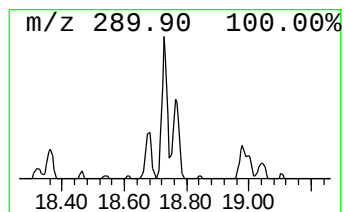
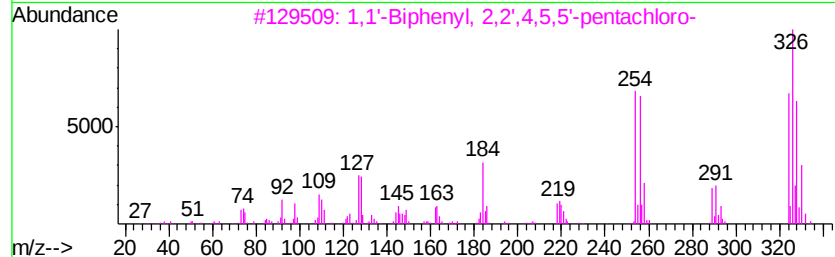
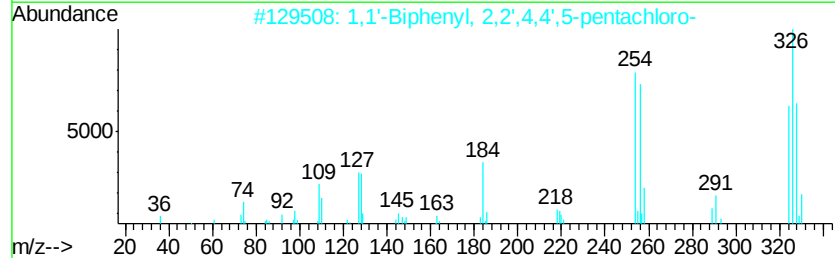
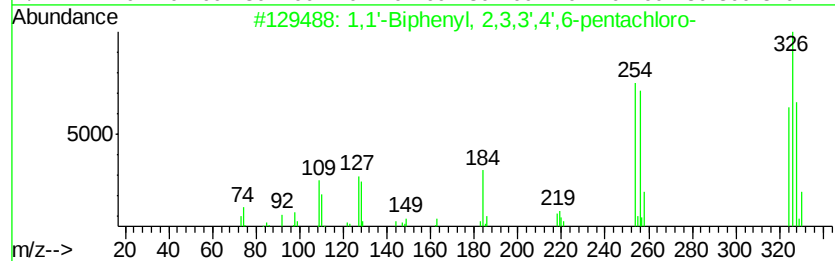
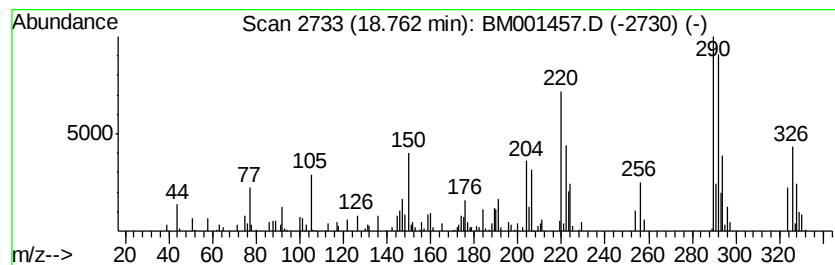
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BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,1'-Biphenyl, 2,3,3',4',6-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.76	6.53 ng/ul	650017	Phenanthrene-d10	16.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	93
2	1,1'-Biphenyl, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	93
3	1,1'-Biphenyl, 2,2',4,5,5'-penta...	324	C12H5Cl5	037680-73-2	91
4	1,1'-Biphenyl, 2,2',3,5,5'-penta...	324	C12H5Cl5	052663-61-3	91
5	1,1'-Biphenyl, 2,2',4,4',6-Penta...	324	C12H5Cl5	039485-83-1	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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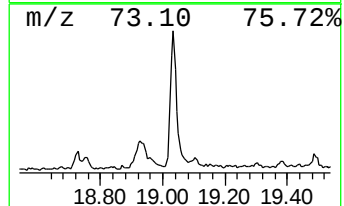
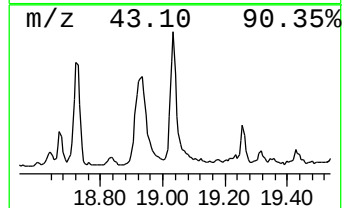
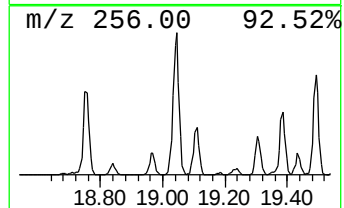
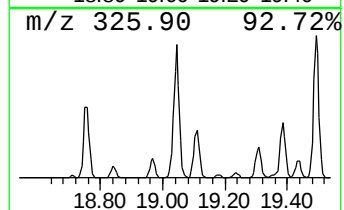
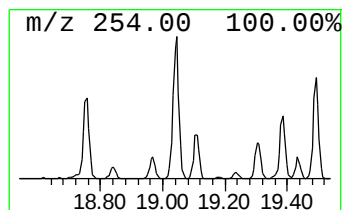
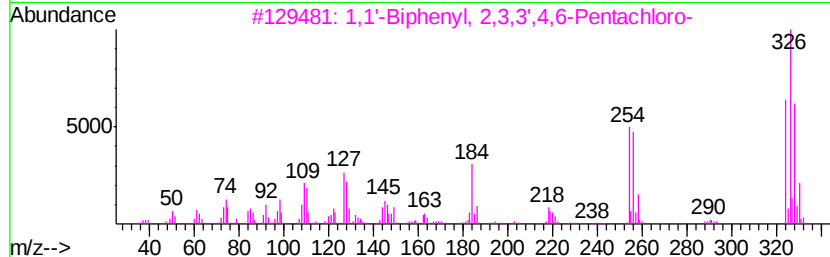
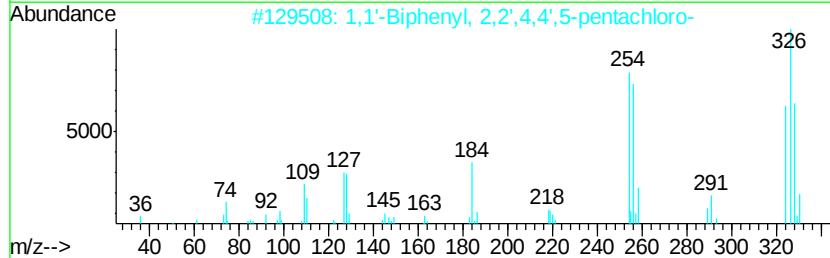
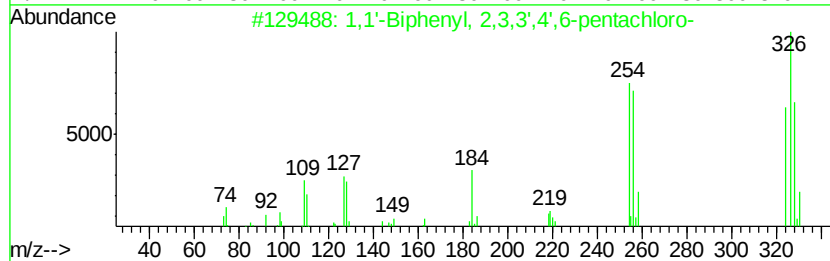
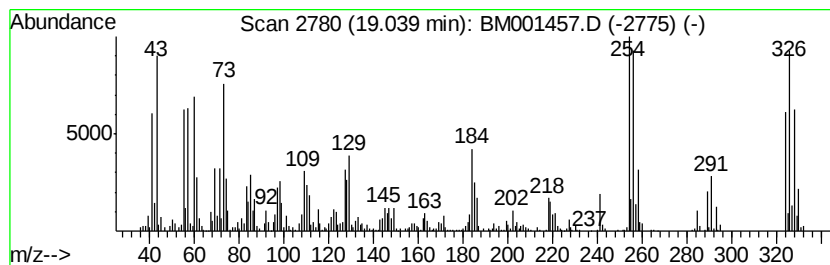
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2,2',4,4',5-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	16.08 ng/ul	1670090	Chrysene-d12	21.02

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, 2,2',4,4',5-penta...	324	C12H5Cl5	038380-01-7	99
3		1,1'-Biphenyl, 2,3,3',4',6-Pentac...	324	C12H5Cl5	074472-35-8	98
4		1,1'-Biphenyl, 2,3',4,4',5-penta...	324	C12H5Cl5	031508-00-6	98
5		1,1'-Biphenyl, 2,3,3',4,4'-penta...	324	C12H5Cl5	032598-14-4	98



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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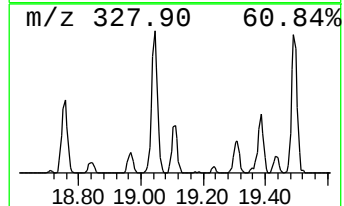
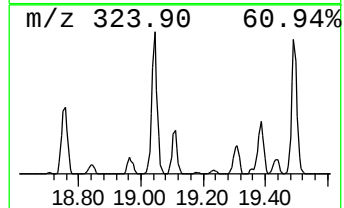
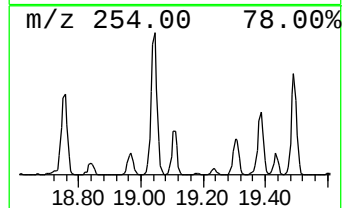
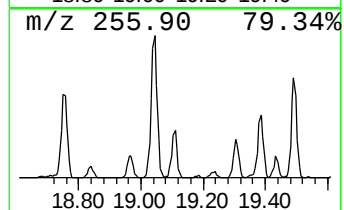
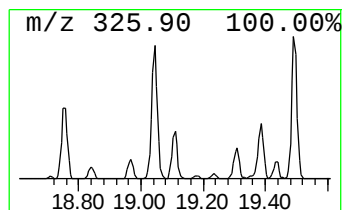
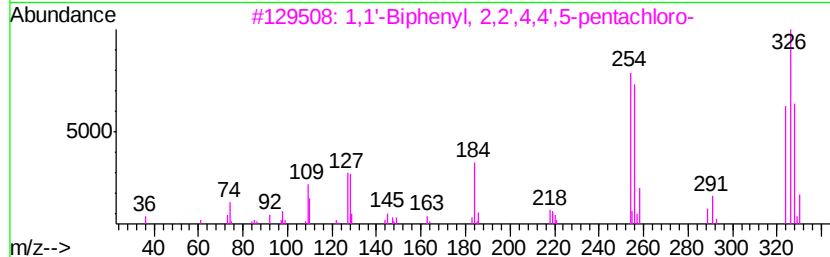
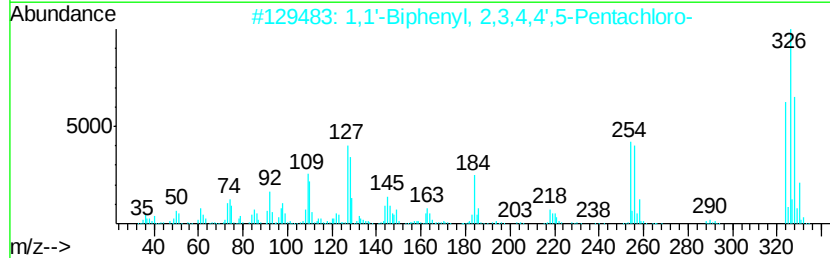
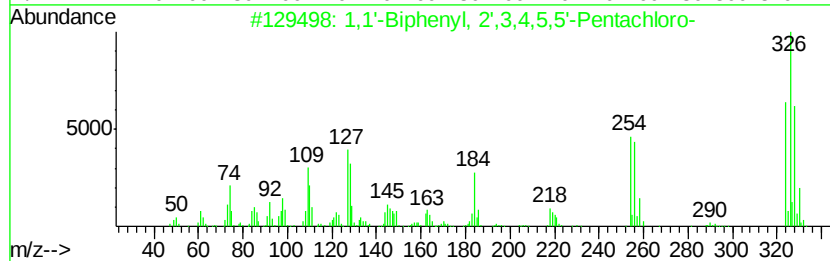
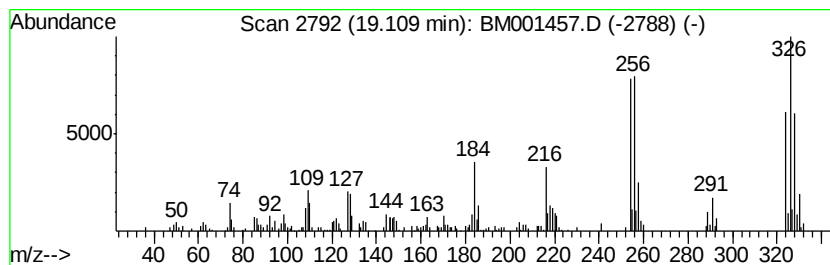
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1,1'-Biphenyl, 2',3,4,5,5'-... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.11	2.89 ng/ul	299840	Chrysene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99		
2	1,1'-Biphenyl, 2,3,4,4',5-Pentac...	324	C12H5Cl5	074472-37-0	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',5,6-Pentac...	324	C12H5Cl5	068194-11-6	99		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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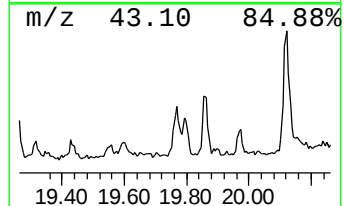
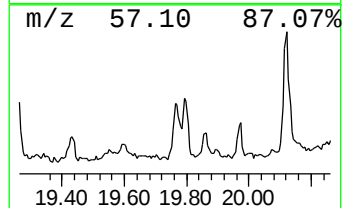
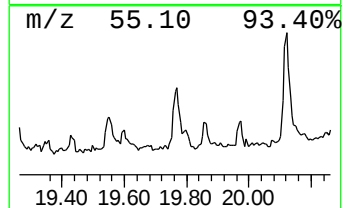
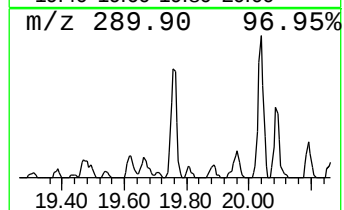
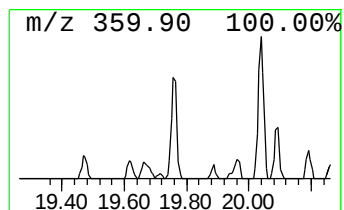
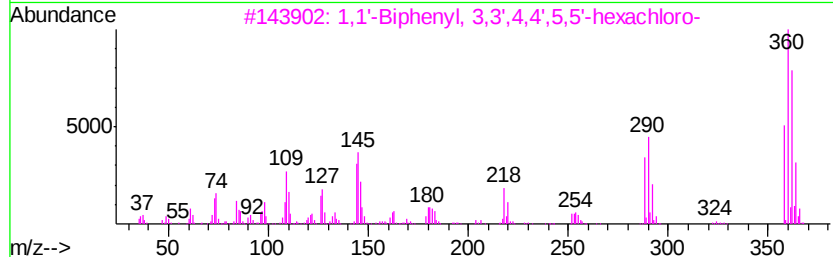
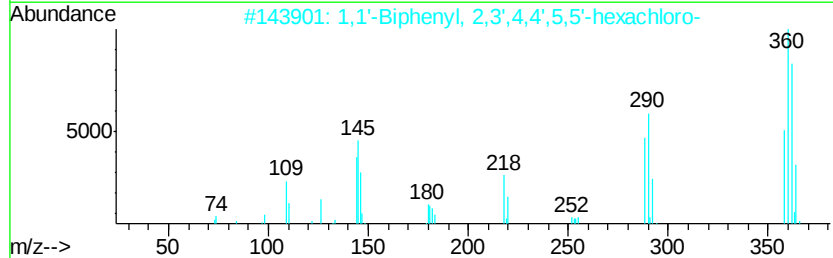
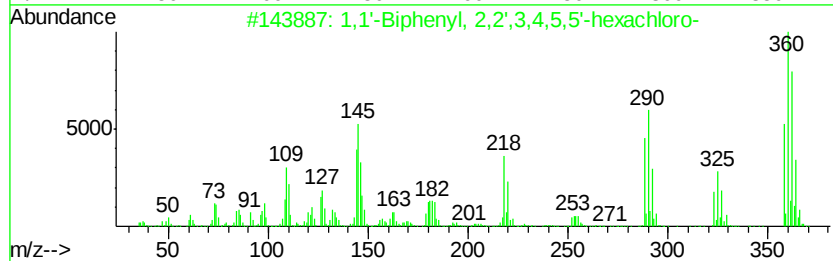
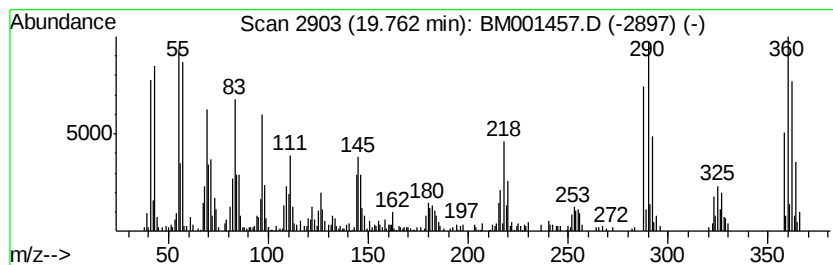
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	5.48 ng/ul	569067	Chrysene-d12	21.02

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',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99		
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99		
4	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99		
5	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	98		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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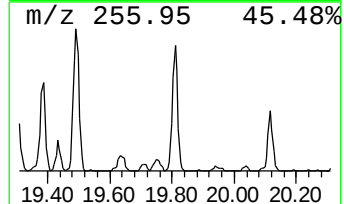
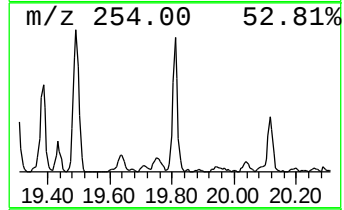
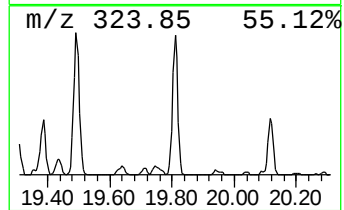
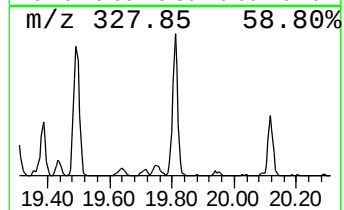
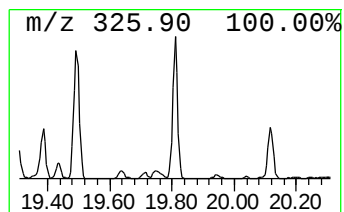
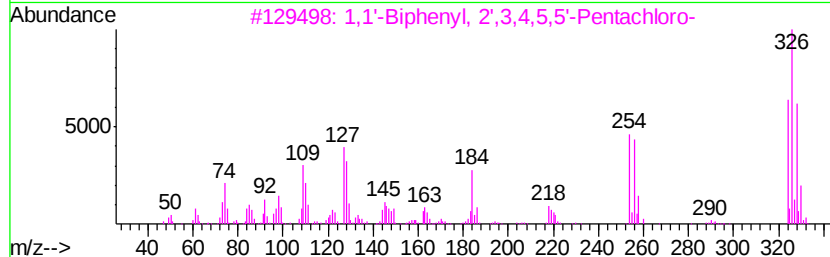
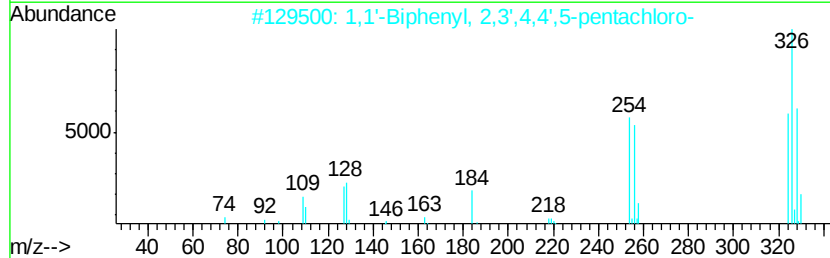
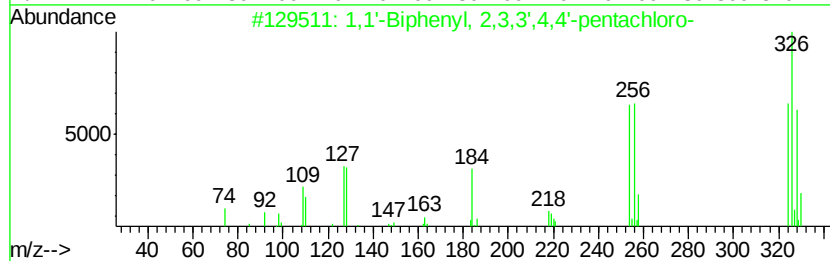
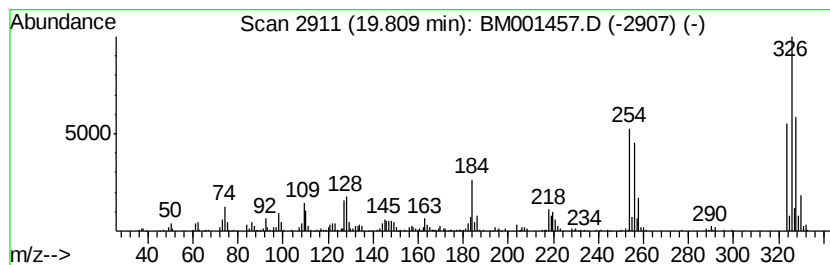
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1,1'-Biphenyl, 2,3,3',4,4'-... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	5.43 ng/ul	563556	Chrysene-d12	21.02

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',4,4',5-penta...	324	C12H5Cl5	031508-00-6	99		
3	1,1'-Biphenyl, 2',3,4,5,5'-Penta...	324	C12H5Cl5	070424-70-3	99		
4	1,1'-Biphenyl, 2,3,3',4',6-penta...	324	C12H5Cl5	038380-03-9	99		
5	1,1'-Biphenyl, 2,3',4,5,5'-penta...	324	C12H5Cl5	068194-12-7	99		



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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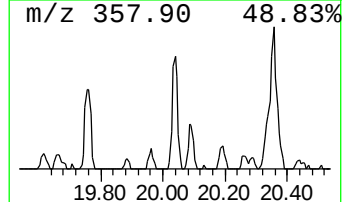
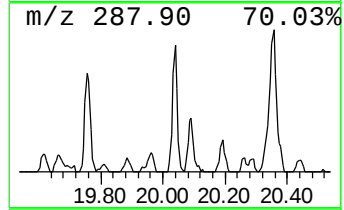
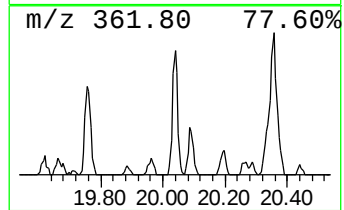
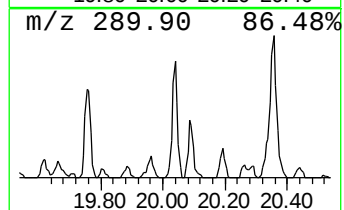
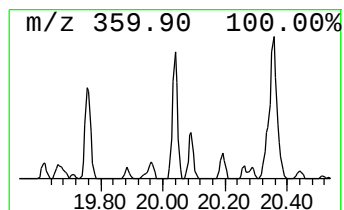
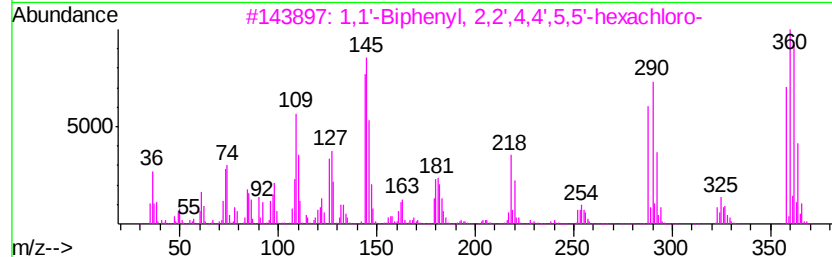
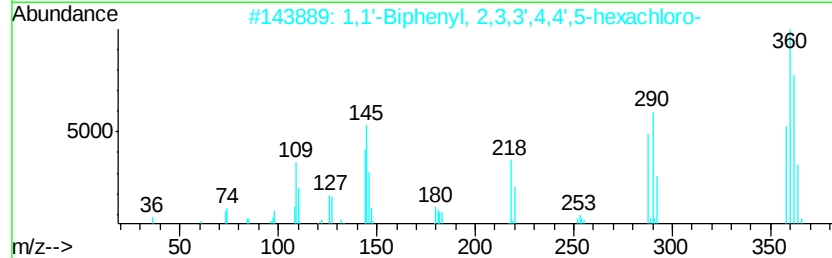
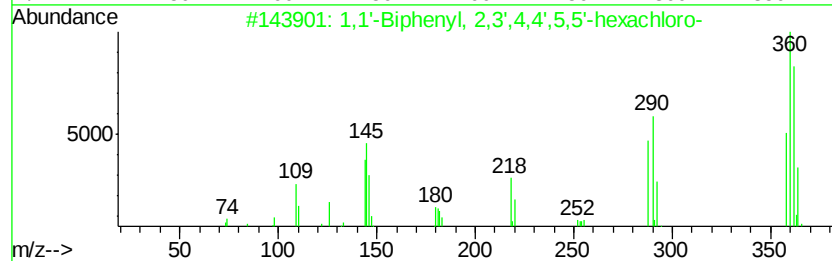
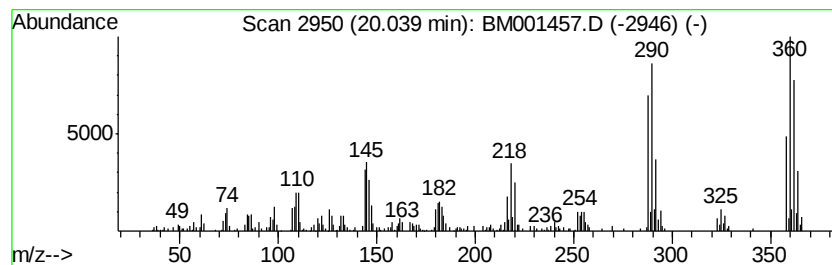
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,1'-Biphenyl, 2,3',4,4',5,... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	3.42 ng/ul	354820	Chrysene-d12	21.02

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',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
3		1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	96
4		1,1'-Biphenyl, 2,2',3,3',4,6'-he...	358	C12H4Cl6	038380-05-1	96
5		1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	96



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
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Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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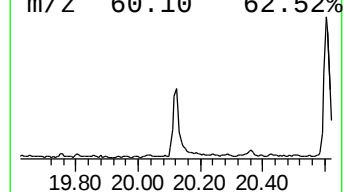
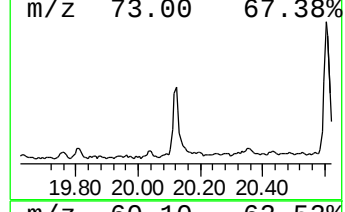
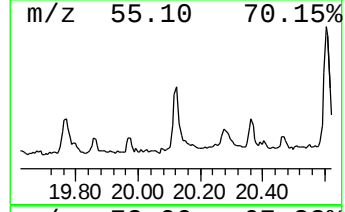
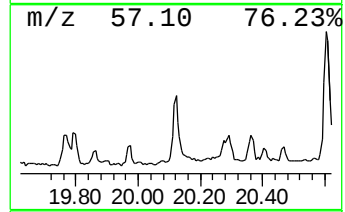
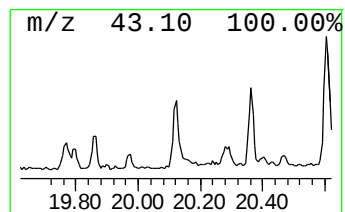
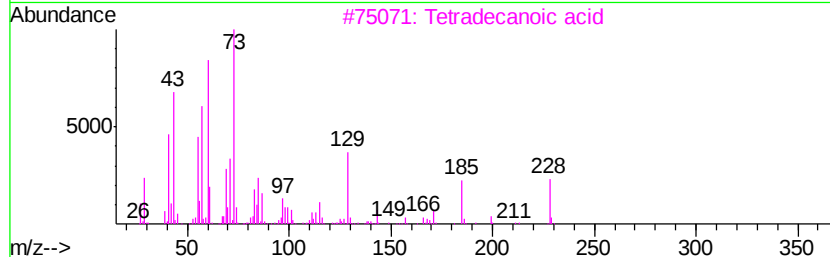
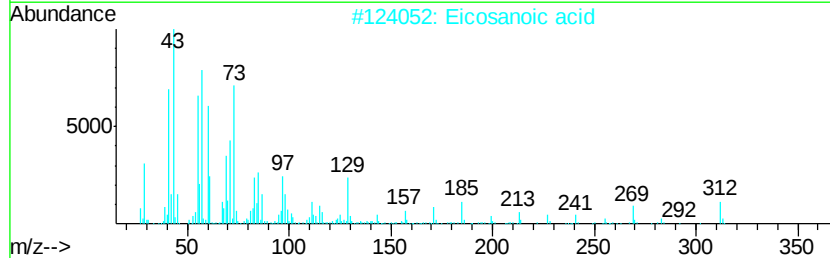
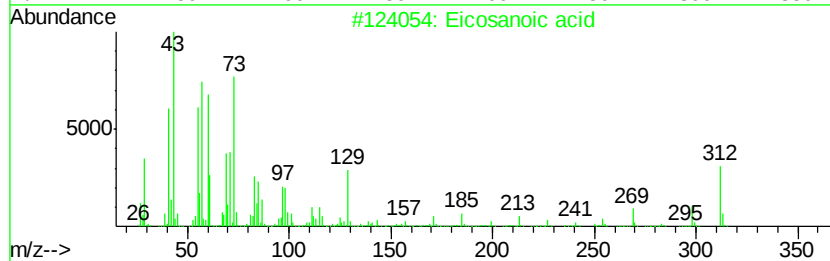
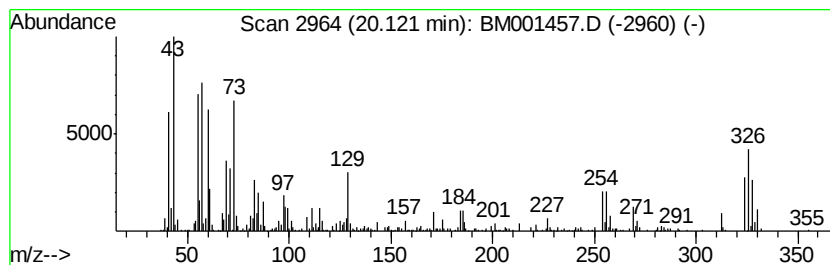
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Eicosanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	6.61 ng/ul	686286	Chrysene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosanoic acid	312	C20H40O2	000506-30-9	91
2			Eicosanoic acid	312	C20H40O2	000506-30-9	66
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	38
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	38
5			Eicosanoic acid	312	C20H40O2	000506-30-9	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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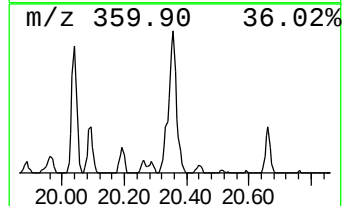
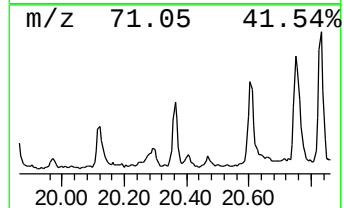
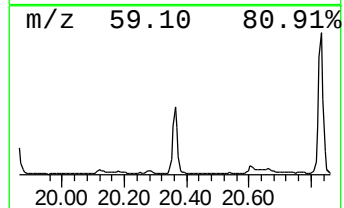
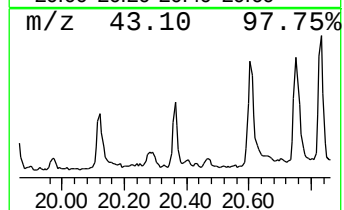
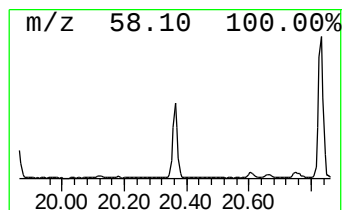
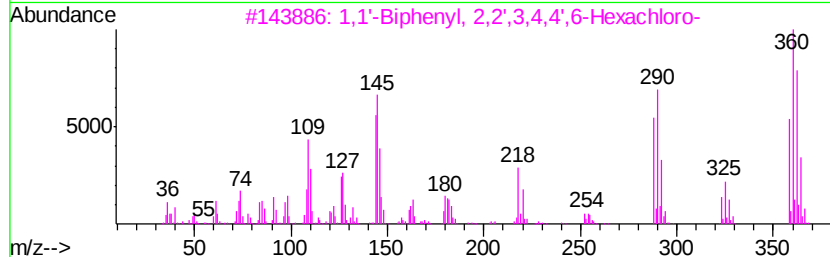
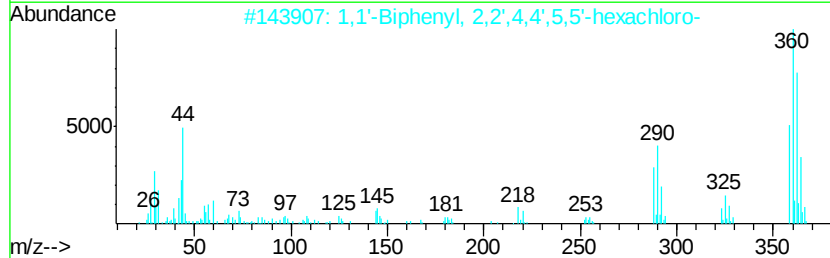
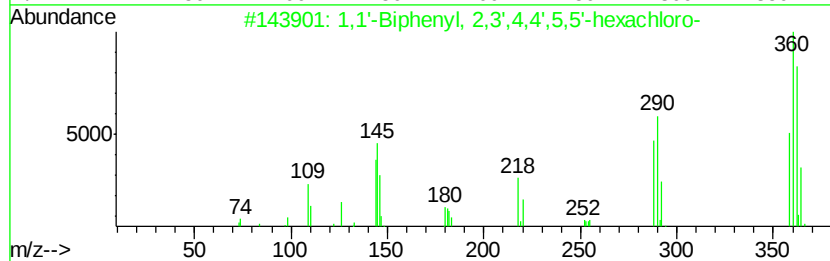
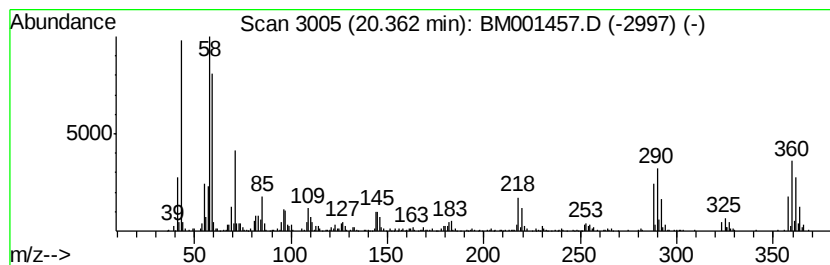
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 1,1'-Biphenyl, 3,3',4,4',5,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	8.21 ng/ul	852598	Chrysene-d12	21.02

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, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	99
3		1,1'-Biphenyl, 2,2',3,4,4',6-Hex...	358	C12H4Cl6	056030-56-9	99
4		1,1'-Biphenyl, 2,2',3,4,4',5-hex...	358	C12H4Cl6	035694-06-5	99
5		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	97



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
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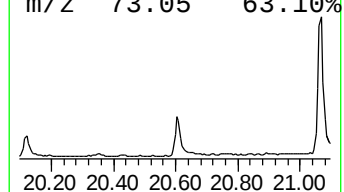
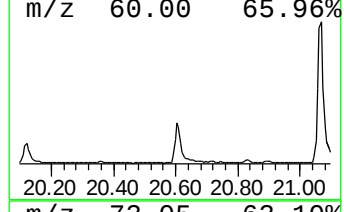
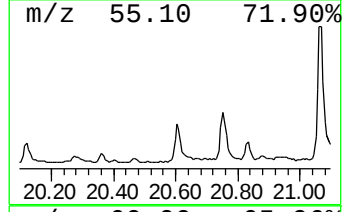
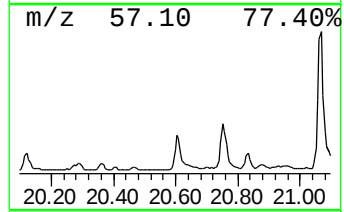
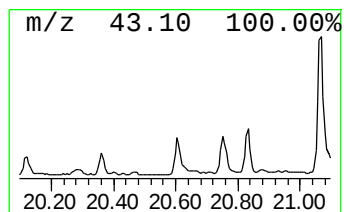
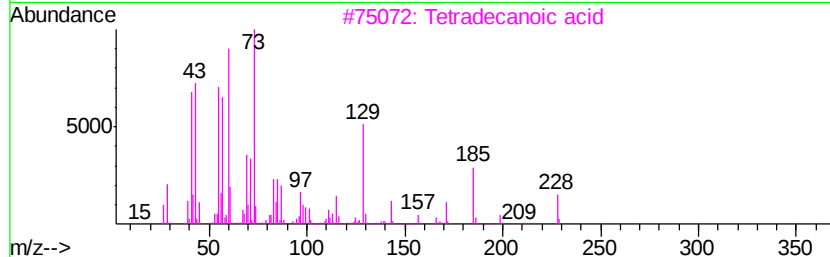
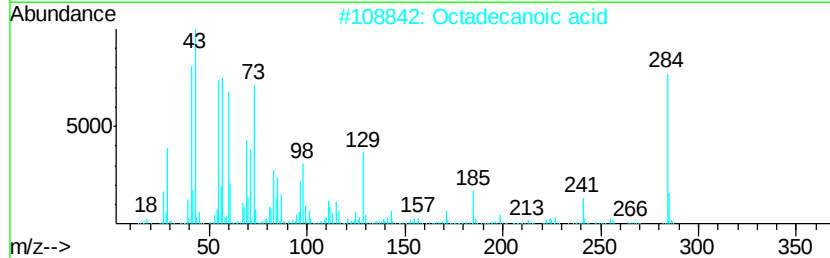
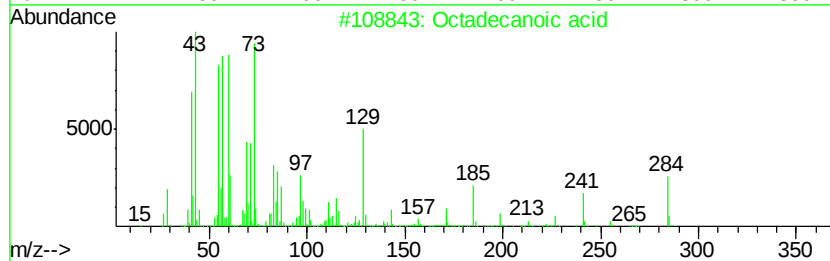
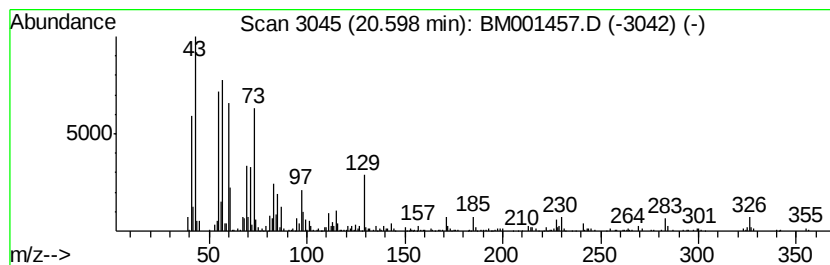
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.60	10.60 ng/ul	1100560	Chrysene-d12	21.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	62
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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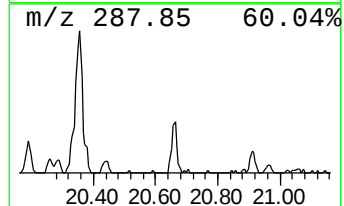
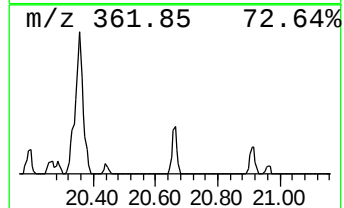
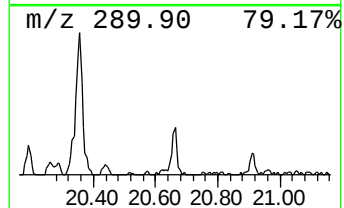
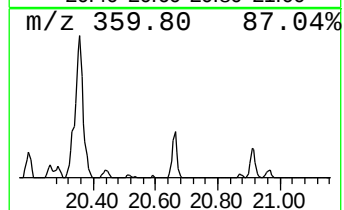
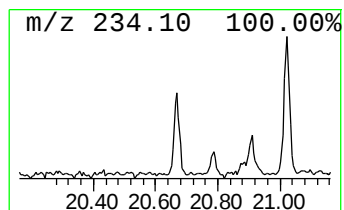
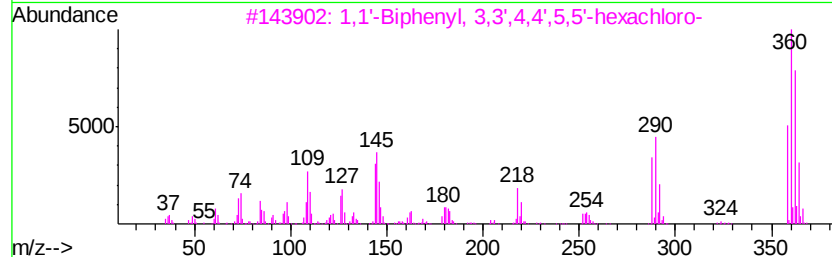
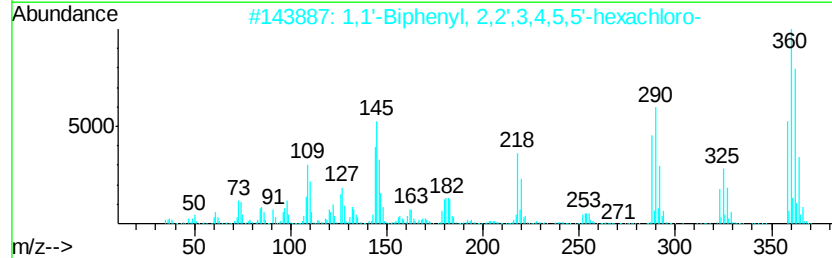
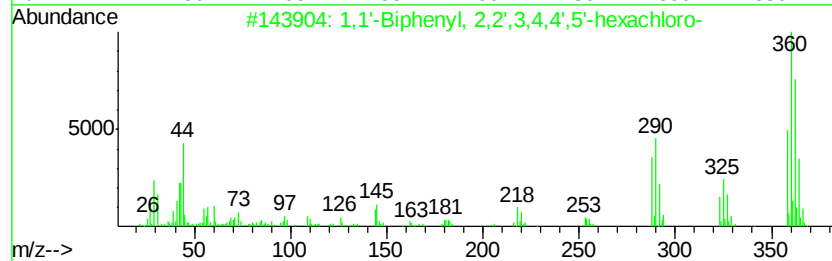
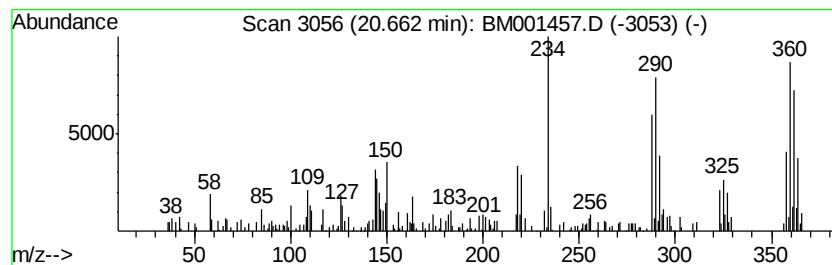
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.66	2.49 ng/ul	258210	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	97
2		1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	97
3		1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	97
4		1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	96
5		1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	95



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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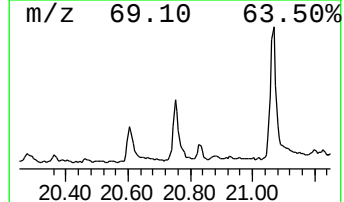
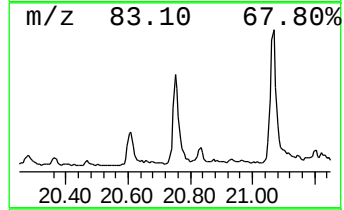
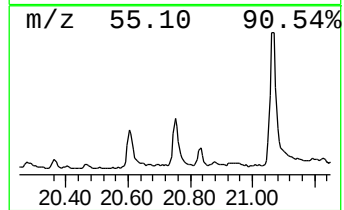
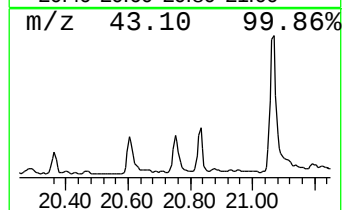
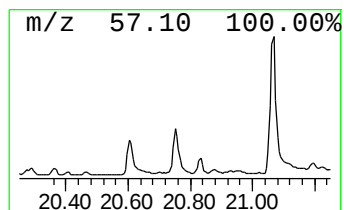
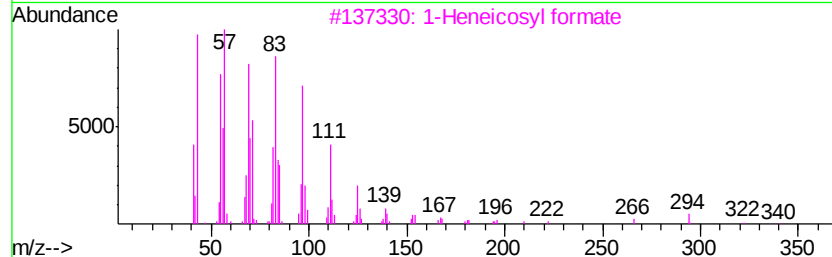
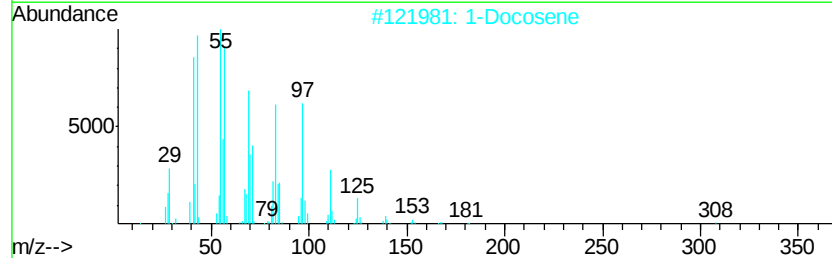
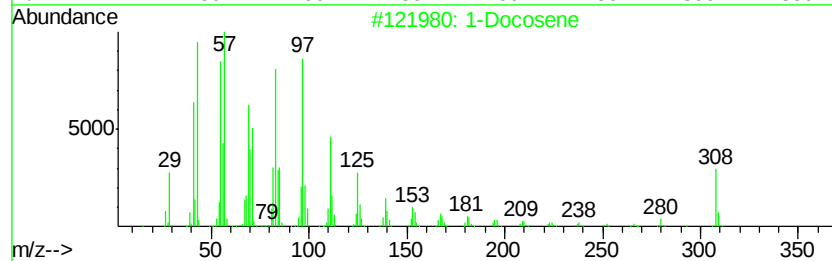
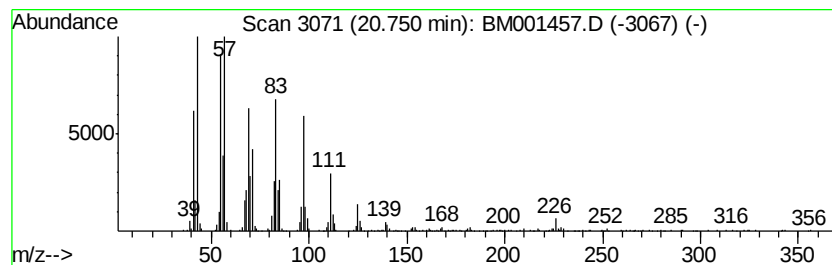
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.75	9.67 ng/ul	1004650	Chrysene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Docosene	308	C22H44	001599-67-3	96
2			1-Docosene	308	C22H44	001599-67-3	95
3			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4			Cyclotetracosane	336	C24H48	000297-03-0	94
5			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
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Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRC0

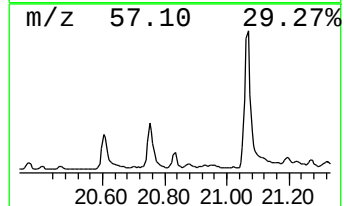
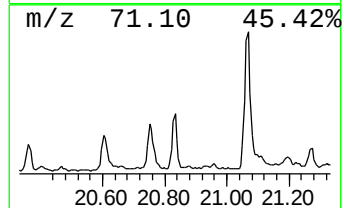
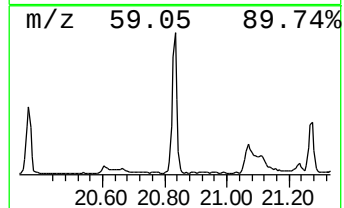
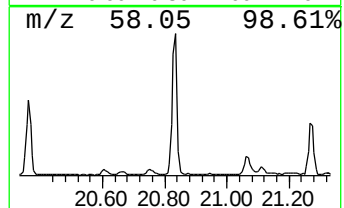
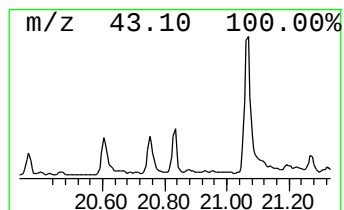
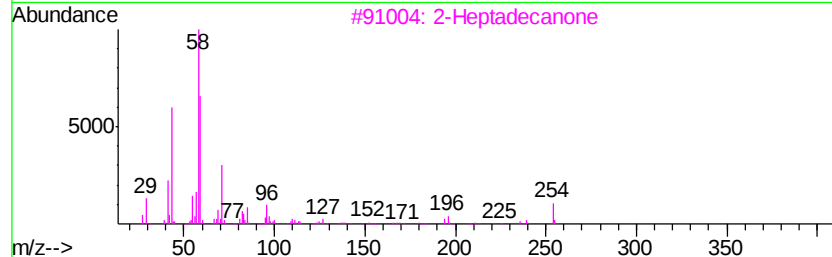
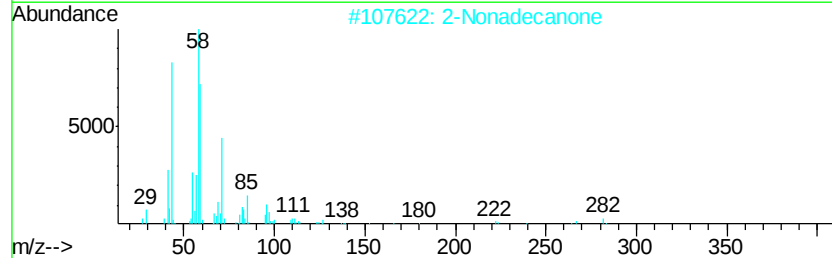
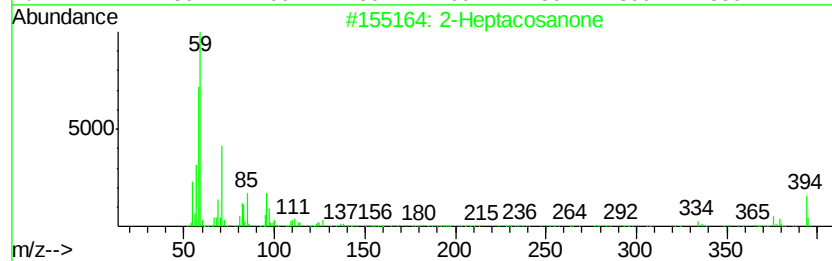
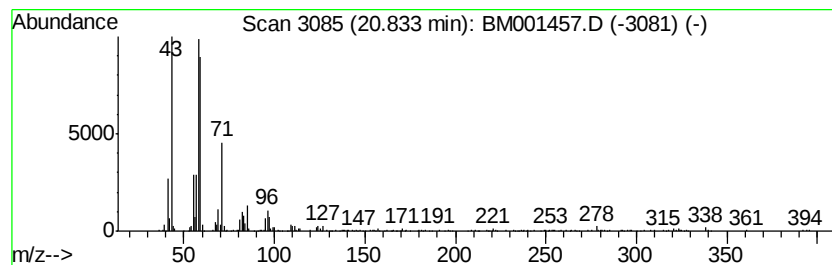
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	5.61 ng/ul	582869	Chrysene-d12	21.02

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-Heptadecanone	254	C17H34O	002922-51-2	72
4			2-Pentacosanone	366	C25H50O	075207-54-4	68
5			2-Tridecanone	198	C13H26O	000593-08-8	59



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
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Sample : G2411-09
Misc :
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Instrument :
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ClientSampleId :
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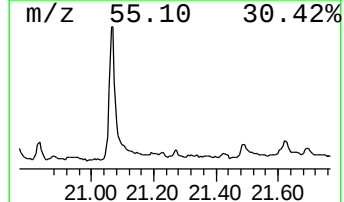
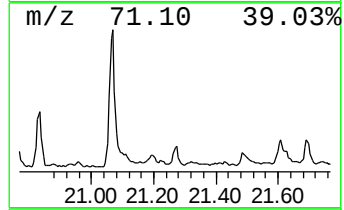
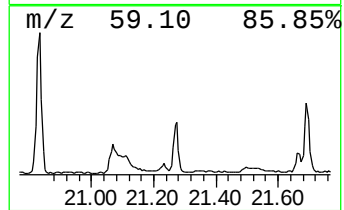
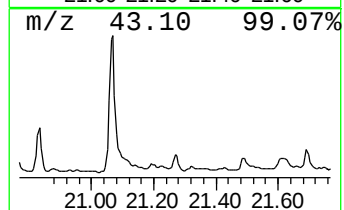
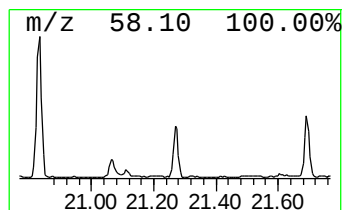
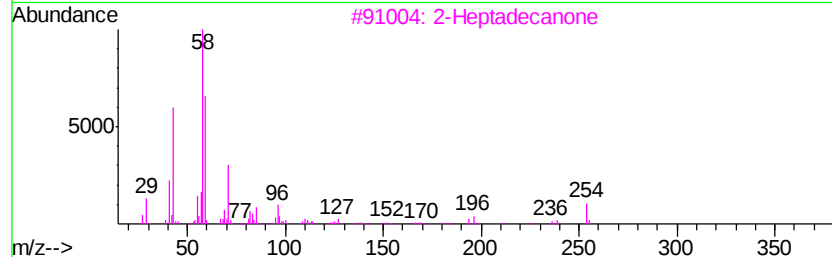
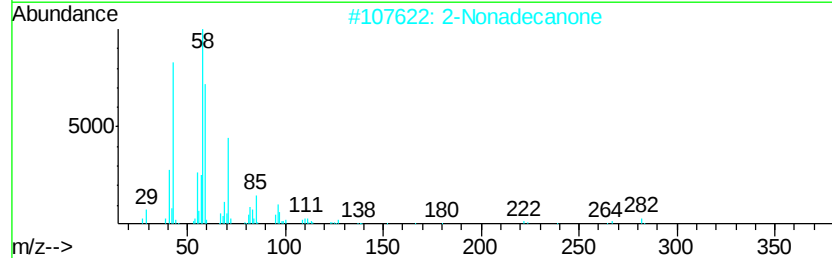
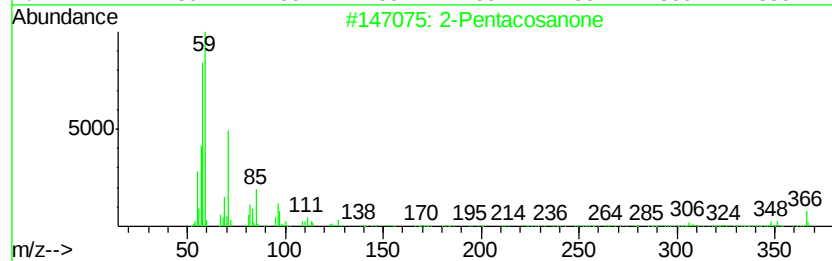
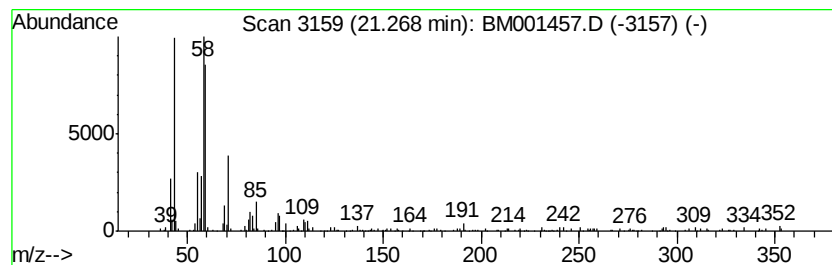
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	2.27 ng/ul	235559	Chrysene-d12	21.02

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	78
3	2-Heptadecanone			254	C17H34O	002922-51-2	64
4	2-Pentadecanone			226	C15H30O	002345-28-0	59
5	2-Hexadecanone			240	C16H32O	018787-63-8	45



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
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Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

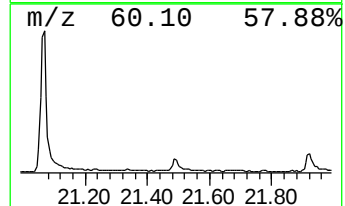
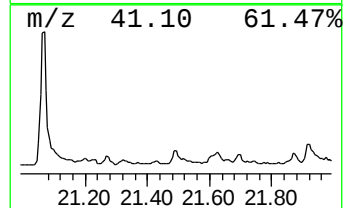
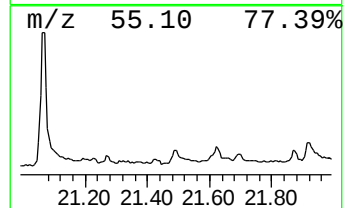
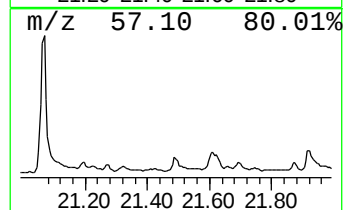
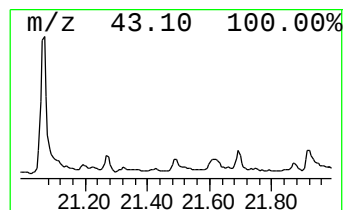
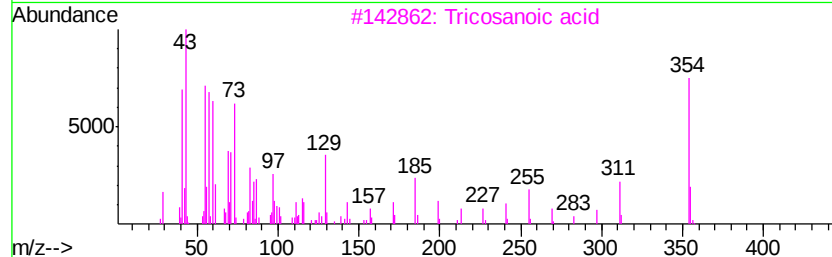
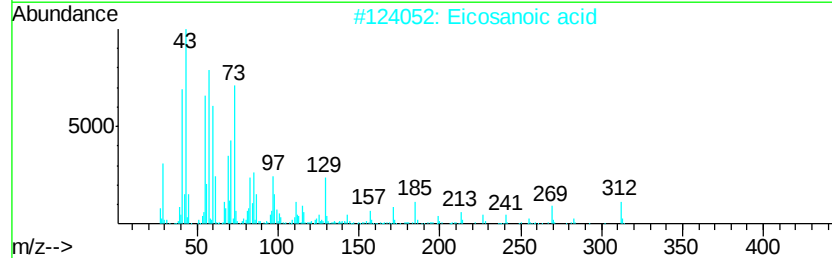
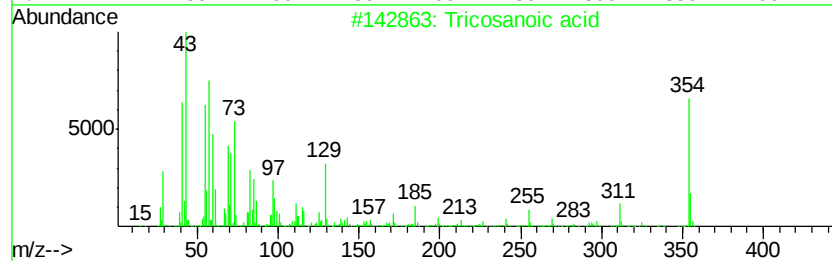
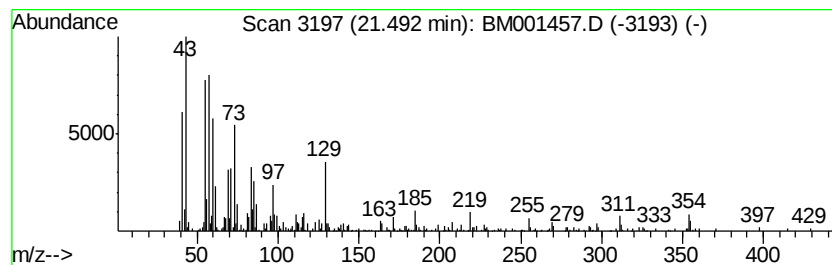
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Tricosanoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	4.55 ng/ul	472314	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tricosanoic acid	354 C23H46O2	002433-96-7 97
2		Eicosanoic acid	312 C20H40O2	000506-30-9 91
3		Tricosanoic acid	354 C23H46O2	002433-96-7 90
4		Nonadecanoic acid	298 C19H38O2	000646-30-0 89
5		Octadecanoic acid	284 C18H36O2	000057-11-4 86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

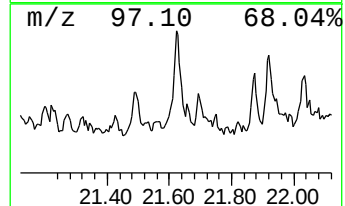
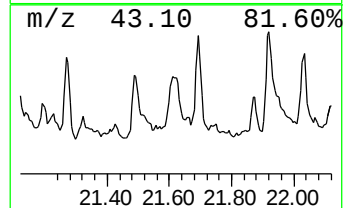
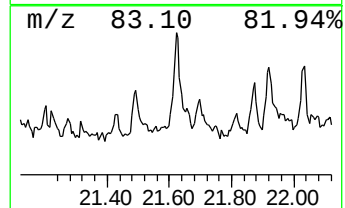
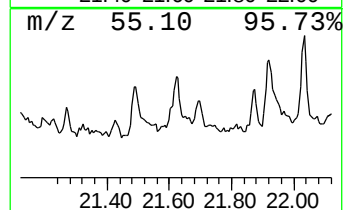
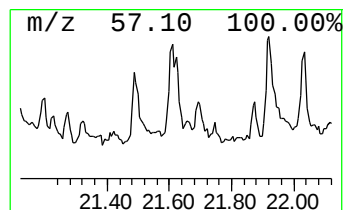
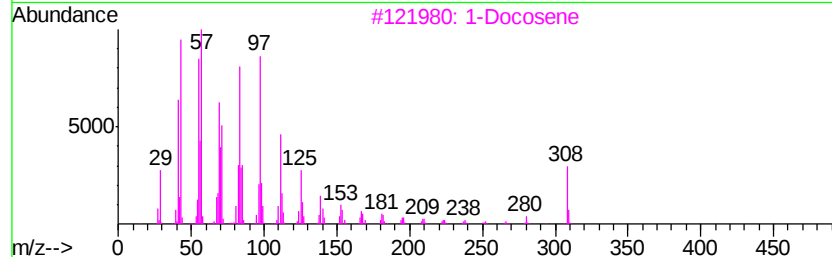
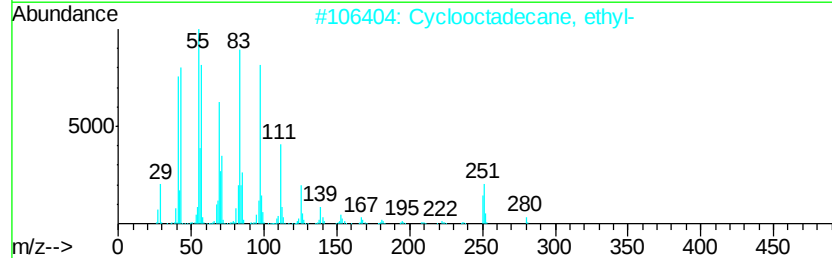
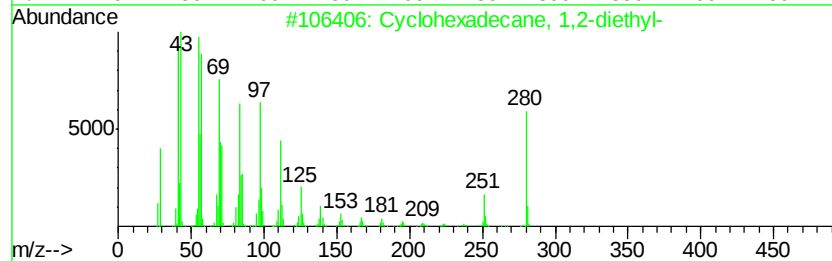
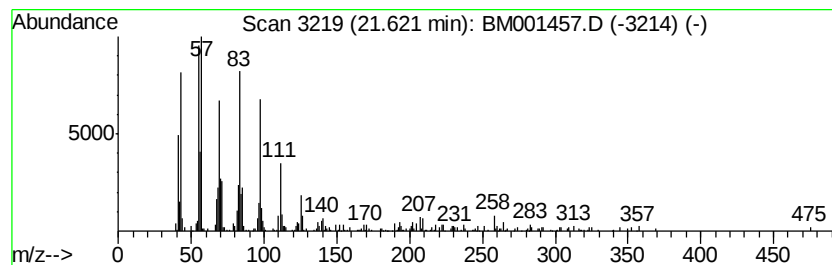
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Cyclohexadecane, 1,2-diethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	3.82 ng/ul	396921	Chrysene-d12	21.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexadecane, 1,2-diethyl-	280 C20H40	1000155-85-3 95
2		Cyclooctadecane, ethyl-	280 C20H40	1000151-22-5 91
3		1-Docosene	308 C22H44	001599-67-3 83
4		1-Docosene	308 C22H44	001599-67-3 83
5		9-Tricosene, (Z)-	322 C23H46	027519-02-4 64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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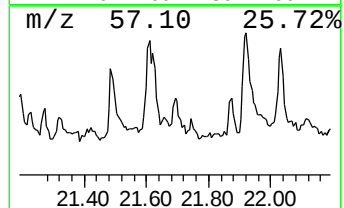
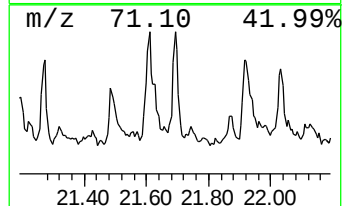
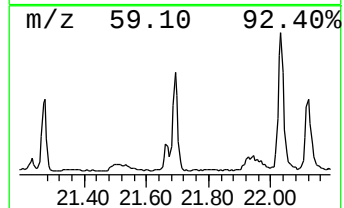
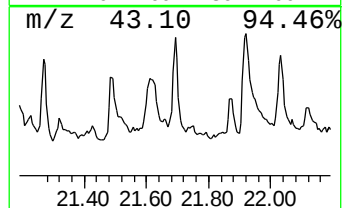
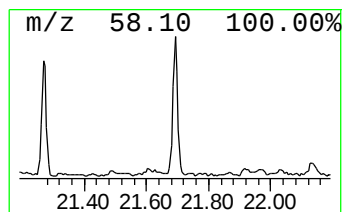
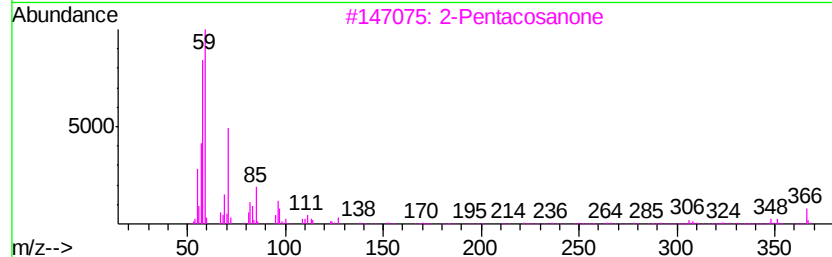
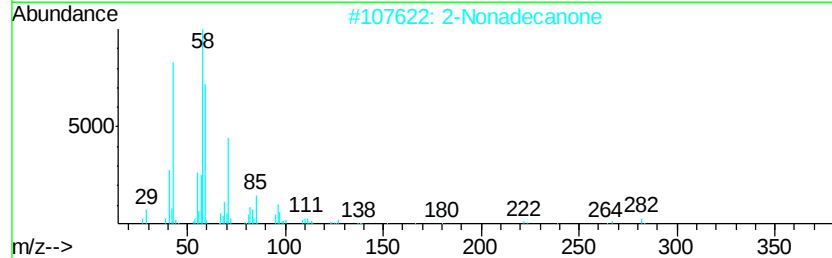
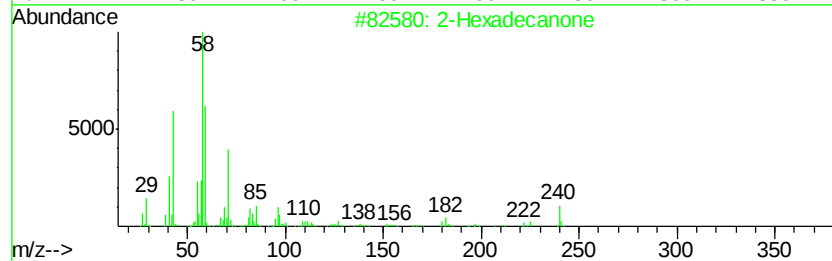
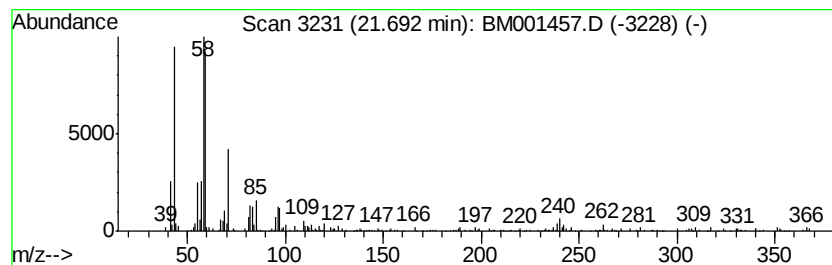
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 (DEL) Alkane: Cyclic-05 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	2.58 ng/ul	267402	Chrysene-d12	21.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexadecanone	240	C16H32O	018787-63-8	91
2			2-Nonadecanone	282	C19H38O	000629-66-3	78
3			2-Pentacosanone	366	C25H50O	075207-54-4	76
4			2-Pentadecanone	226	C15H30O	002345-28-0	53
5			2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	53



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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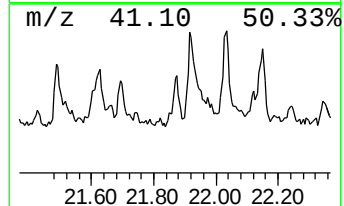
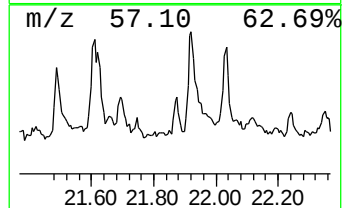
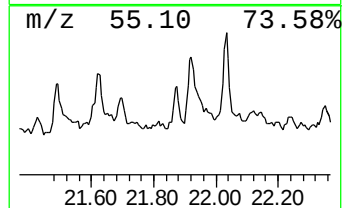
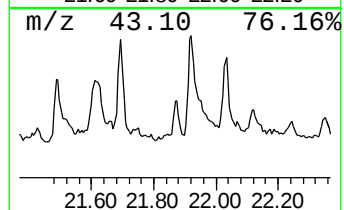
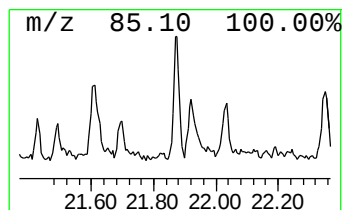
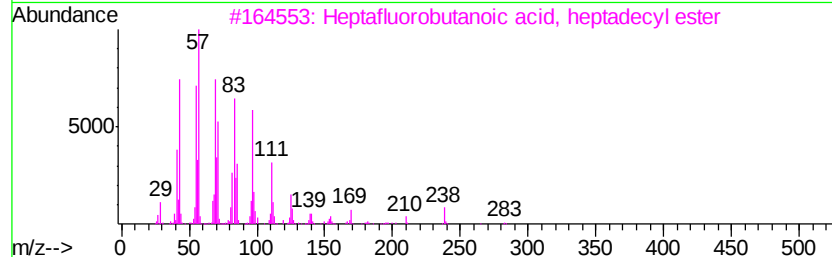
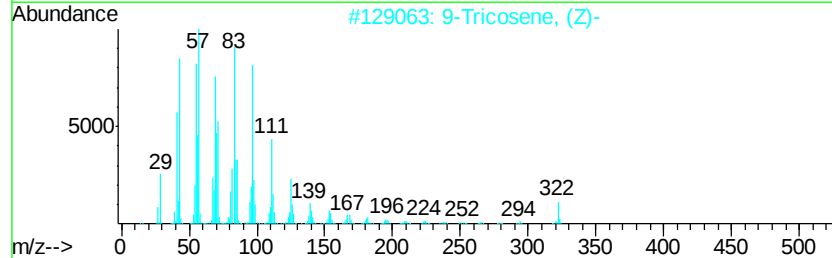
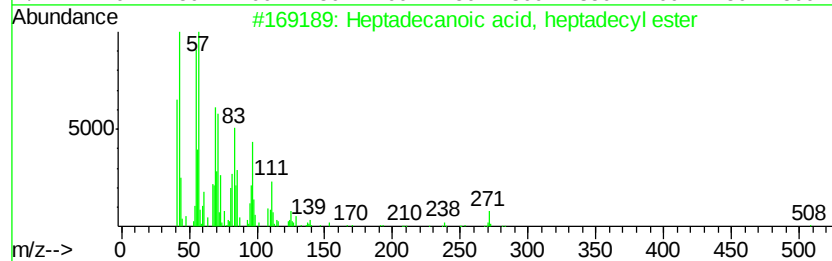
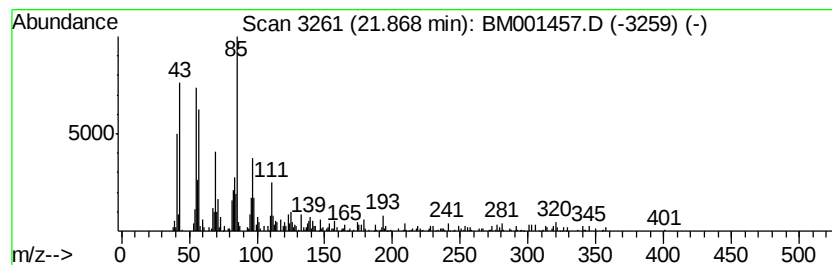
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-02 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.08 ng/ul	216073	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecanoic acid, heptadecyl e...	509	C34H68O2	036617-50-2	46
2		9-Tricosene, (Z)-	322	C23H46	027519-02-4	45
3		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	43
4		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	43
5		Z-12-Pentacosene	350	C25H50	1000131-09-4	43



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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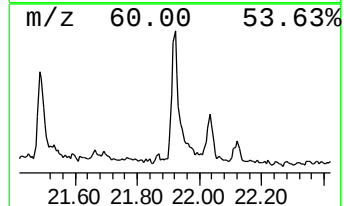
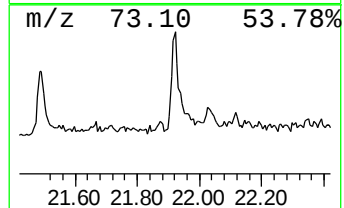
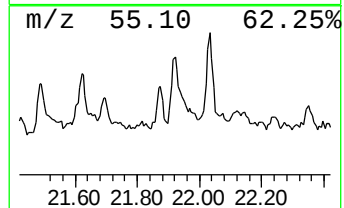
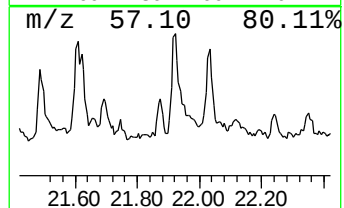
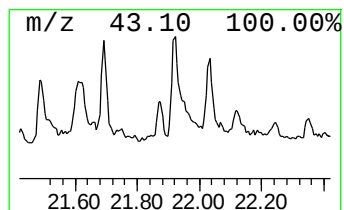
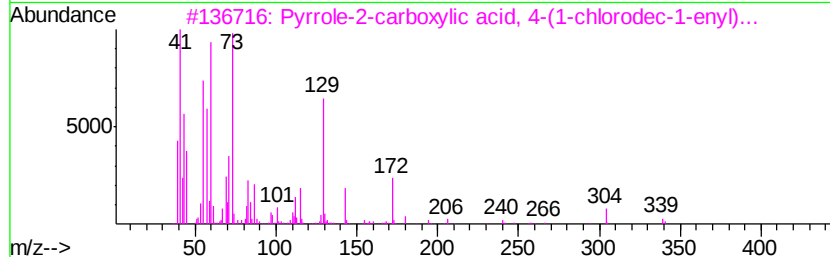
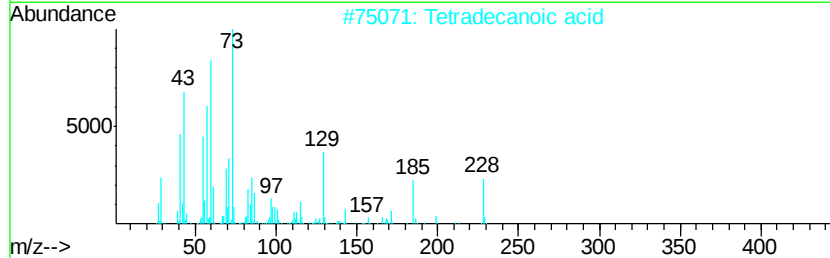
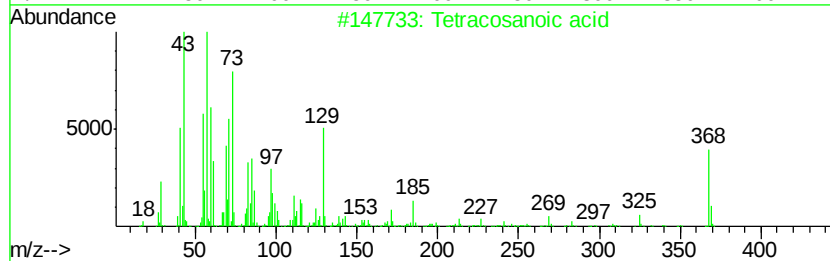
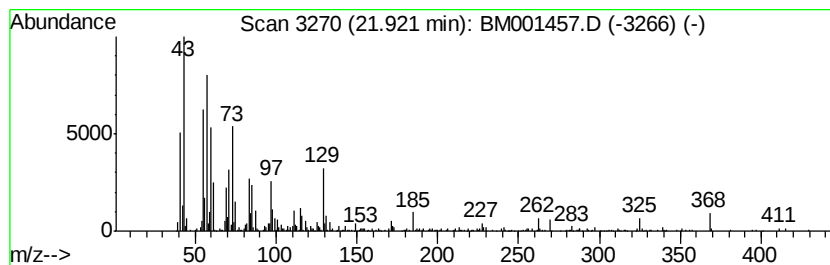
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Tetracosanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.92	9.47 ng/ul	983269	Chrysene-d12	21.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosanoic acid	368	C24H48O2	000557-59-5	90
2		Tetradecanoic acid	228	C14H28O2	000544-63-8	49
3		Pyrrole-2-carboxylic acid, 4-(1-...	339	C19H30ClN02	1000295-53-6	46
4		n-Decanoic acid	172	C10H20O2	000334-48-5	46
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
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Acq On : 29 May 2015 23:20
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Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

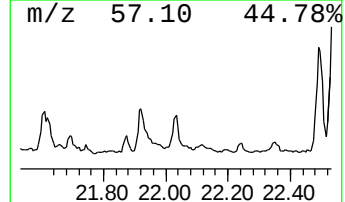
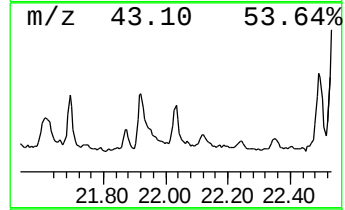
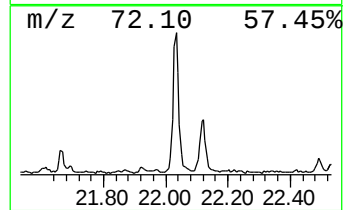
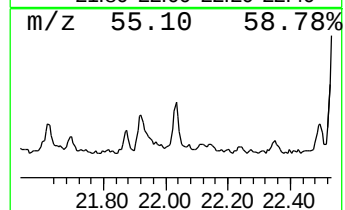
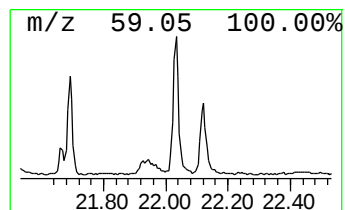
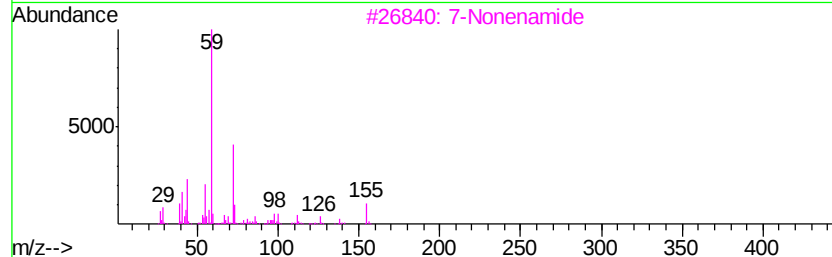
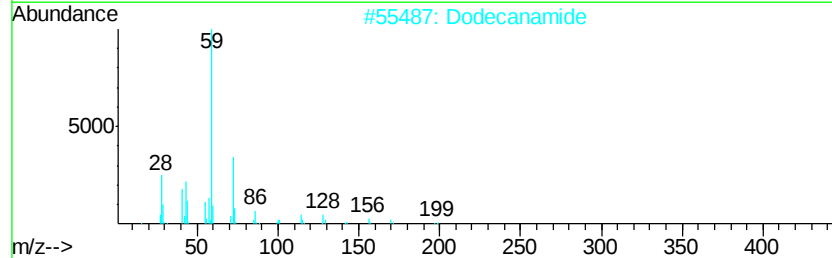
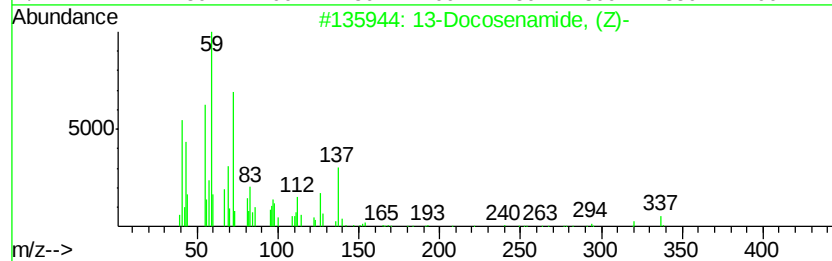
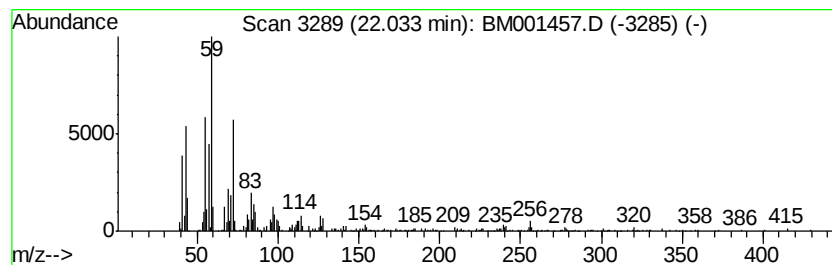
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 13-Docosenamide, (Z)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
22.03	6.37 ng/ul	661398	Chrysene-d12		21.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	87
2		Dodecanamide	199	C12H25NO	001120-16-7	59
3		7-Nonenamide	155	C9H17NO	090949-53-4	53
4		Decanamide-	171	C10H21NO	002319-29-1	50
5		Cyclohexane, (ethoxymethoxy)-	158	C9H18O2	054699-29-5	47



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
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Instrument :
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ClientSampleId :
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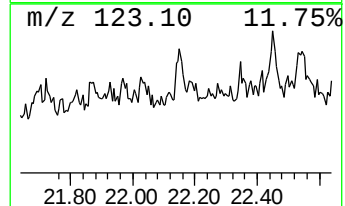
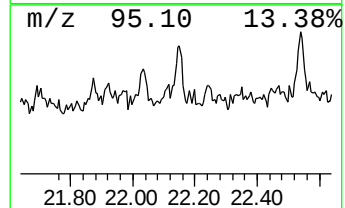
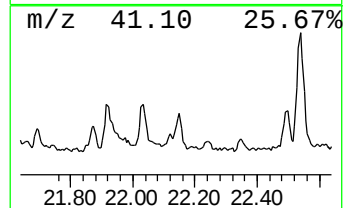
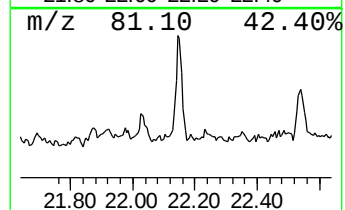
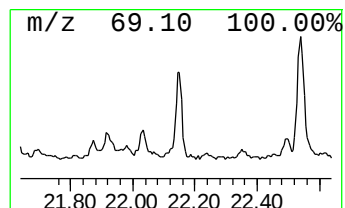
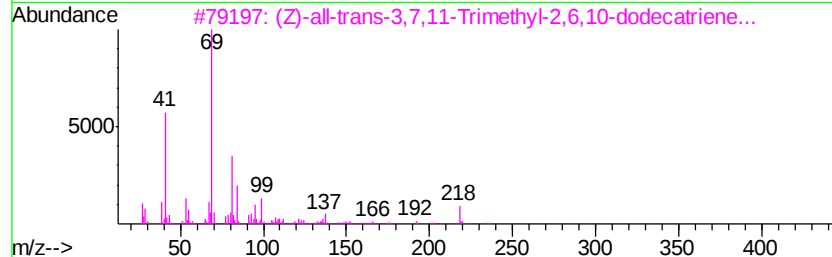
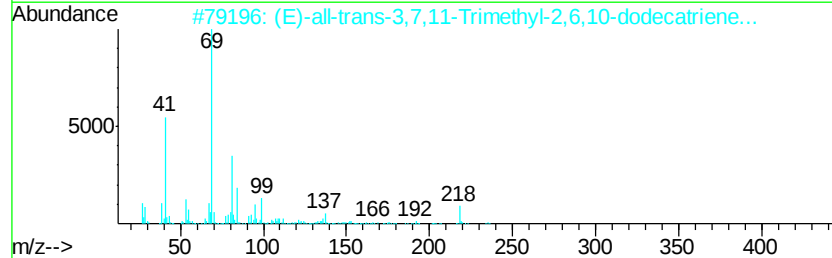
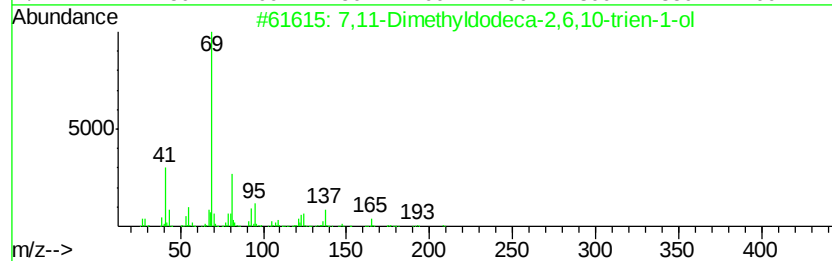
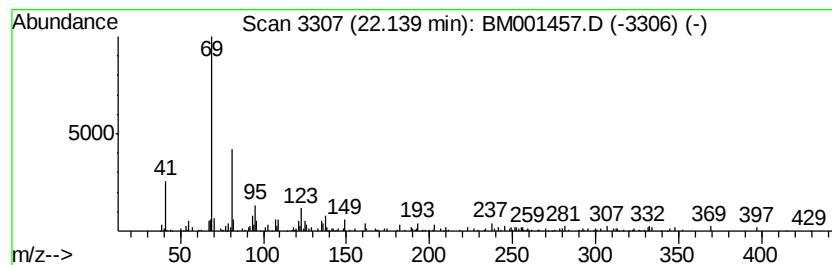
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.14	3.81 ng/ul	290801	Perylene-d12	23.11

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
2			(E)-all-trans-3,7,11-Trimethyl-2...	235	C15H25NO	1000161-30-7	72
3			(Z)-all-trans-3,7,11-Trimethyl-2...	235	C15H25NO	123257-83-0	72
4			2,3,5-Trimethyl-2,3,5-hexanetric...	203	C12H17N3	003974-79-6	72
5			2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	64



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Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRC0

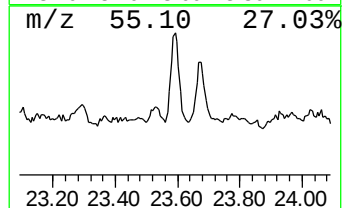
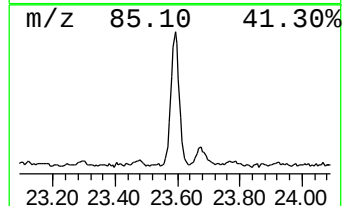
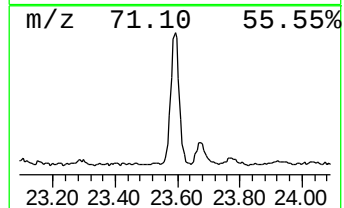
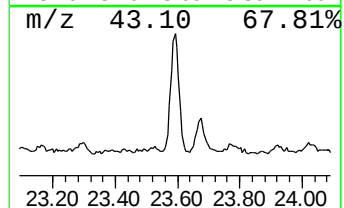
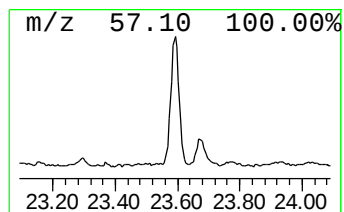
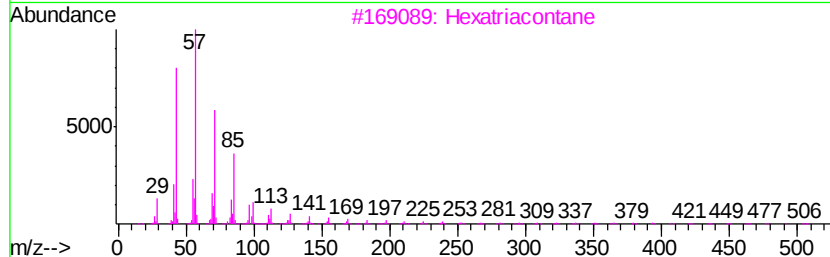
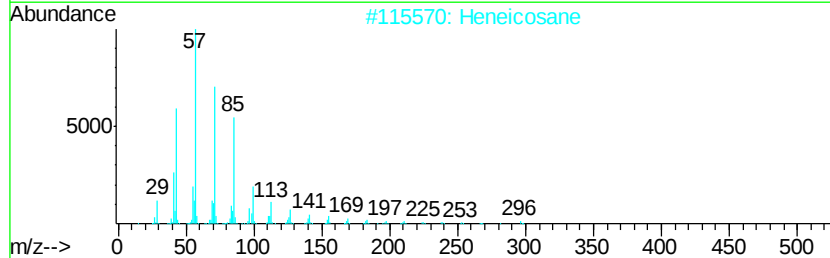
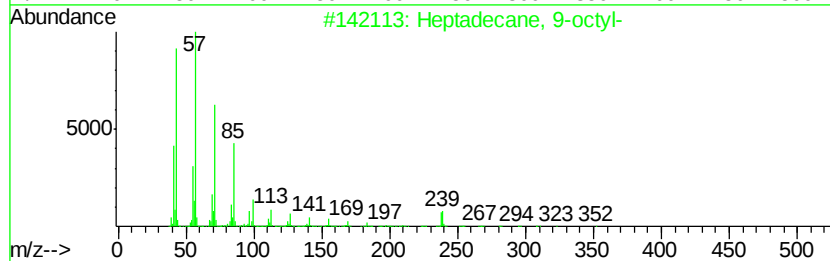
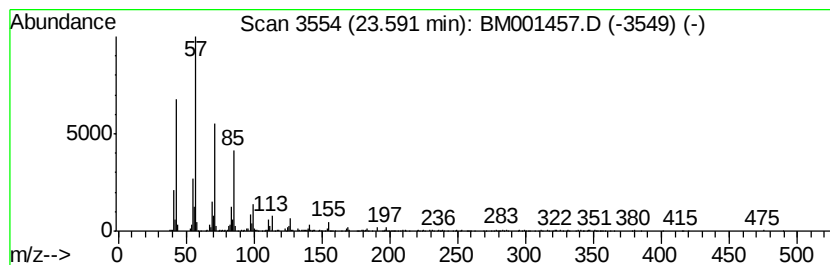
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.59	14.17 ng/ul	1081180	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
2		Heneicosane	296	C21H44	000629-94-7	87
3		Hexatriacontane	507	C36H74	000630-06-8	87
4		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87
5		Docosane, 11-butyl-	366	C26H54	013475-76-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
Data File : BM001457.D
Acq On : 29 May 2015 23:20
Operator : TP/IZ
Sample : G2411-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCRC0

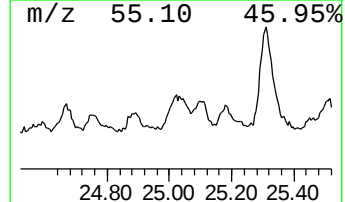
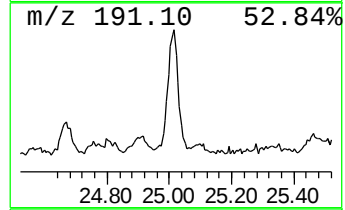
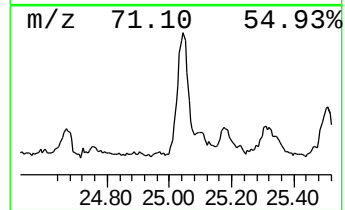
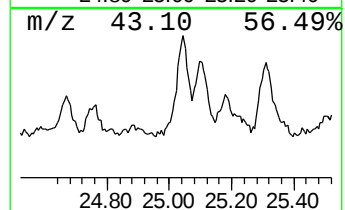
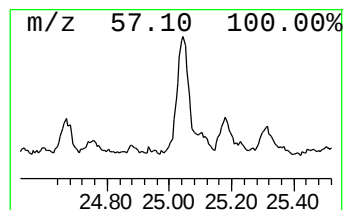
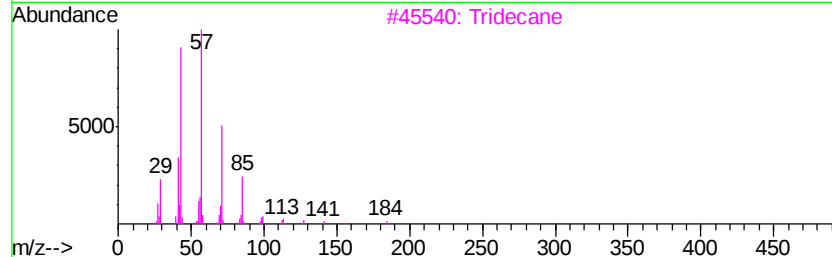
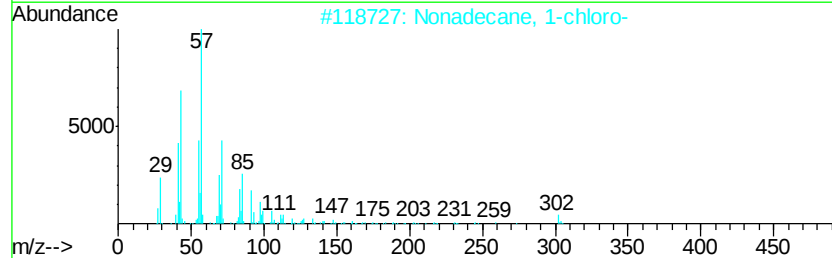
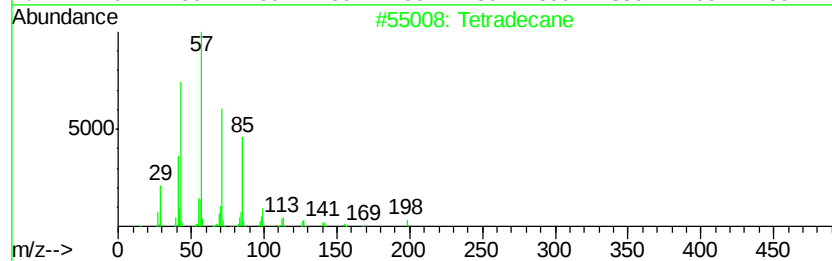
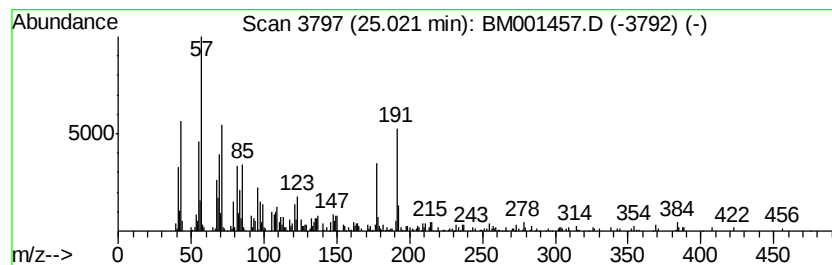
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.02	8.55 ng/ul	652530	Perylene-d12	23.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	74
2		Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	40
3		Tridecane	184	C13H28	000629-50-5	38
4		Tridecane	184	C13H28	000629-50-5	38
5		Tetradecane	198	C14H30	000629-59-4	38



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052915\
 Data File : BM001457.D
 Acq On : 29 May 2015 23:20
 Operator : TP/IZ
 Sample : G2411-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BCRC0

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	3.34	4.0	ng/ul	189923	1	7.38	947635	20.0
Dodecanoic acid	14.53	6.2	ng/ul	550039	3	14.07	1786350	20.0
unknown-01	17.54	3.2	ng/ul	319604	4	16.82	1990550	20.0
9-Hexadecenoic acid	17.62	3.0	ng/ul	300960	4	16.82	1990550	20.0
n-Hexadecanoic acid	17.74	16.7	ng/ul	1660370	4	16.82	1990550	20.0
1,1'-Biphenyl, 2,...	17.89	4.3	ng/ul	425656	4	16.82	1990550	20.0
1,1'-Biphenyl, 2,...	18.18	2.9	ng/ul	286446	4	16.82	1990550	20.0
(DEL) Alkane: Str...	18.67	2.2	ng/ul	216004	4	16.82	1990550	20.0
14-Octadecenoic a...	18.73	16.1	ng/ul	1602490	4	16.82	1990550	20.0
1,1'-Biphenyl, 2,...	18.76	6.5	ng/ul	650017	4	16.82	1990550	20.0
1,1'-Biphenyl, 2,...	19.04	16.1	ng/ul	1670090	5	21.02	2076850	20.0
1,1'-Biphenyl, 2'...	19.11	2.9	ng/ul	299840	5	21.02	2076850	20.0
1,1'-Biphenyl, 2,...	19.76	5.5	ng/ul	569067	5	21.02	2076850	20.0
1,1'-Biphenyl, 2,...	19.81	5.4	ng/ul	563556	5	21.02	2076850	20.0
1,1'-Biphenyl, 2,...	20.04	3.4	ng/ul	354820	5	21.02	2076850	20.0
Eicosanoic acid	20.12	6.6	ng/ul	686286	5	21.02	2076850	20.0
1,1'-Biphenyl, 3,...	20.36	8.2	ng/ul	852598	5	21.02	2076850	20.0
Octadecanoic acid	20.60	10.6	ng/ul	1100560	5	21.02	2076850	20.0
1,1'-Biphenyl, 2,...	20.66	2.5	ng/ul	258210	5	21.02	2076850	20.0
(DEL) Alkane: Str...	20.75	9.7	ng/ul	1004650	5	21.02	2076850	20.0
(DEL) Alkane: Str...	20.83	5.6	ng/ul	582869	5	21.02	2076850	20.0
(DEL) Alkane: Str...	21.27	2.3	ng/ul	235559	5	21.02	2076850	20.0
Tricosanoic acid	21.49	4.5	ng/ul	472314	5	21.02	2076850	20.0
Cyclohexadecane, ...	21.62	3.8	ng/ul	396921	5	21.02	2076850	20.0
(DEL) Alkane: Cyc...	21.69	2.6	ng/ul	267402	5	21.02	2076850	20.0
unknown-02	21.87	2.1	ng/ul	216073	5	21.02	2076850	20.0
Tetracosanoic acid	21.92	9.5	ng/ul	983269	5	21.02	2076850	20.0
13-Docosenamide, ...	22.03	6.4	ng/ul	661398	5	21.02	2076850	20.0
7,11-Dimethyldode...	22.14	3.8	ng/ul	290801	6	23.11	1525620	20.0
Heptadecane, 9-oc...	23.59	14.2	ng/ul	1081180	6	23.11	1525620	20.0
(DEL) Alkane: Str...	25.02	8.6	ng/ul	652530	6	23.11	1525620	20.0