

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
 Data File : BM002787.D
 Acq On : 30 Sep 2015 18:21
 Operator : UM/IZ
 Sample : G3838-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MX5

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-BM092915.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	3.357	40	46	51	rBV	181025	336723	11.20%	0.794%
2	3.404	51	54	57	rVV	95206	134799	4.48%	0.318%
3	3.451	57	62	69	rVV	2042150	3007284	100.00%	7.090%
4	3.510	69	72	82	rVB	63698	100887	3.35%	0.238%
5	4.369	209	218	226	rVB	75034	118895	3.95%	0.280%
6	5.734	444	450	457	rVV	54119	92813	3.09%	0.219%
7	6.075	502	508	514	rBV	85629	128745	4.28%	0.304%
8	6.216	524	532	542	rBV	46286	96284	3.20%	0.227%
9	6.592	589	596	605	rVV2	314689	593089	19.72%	1.398%
10	7.110	679	684	690	rBV	51745	98443	3.27%	0.232%
11	7.628	764	772	782	rBV	38725	93757	3.12%	0.221%
12	7.816	795	804	811	rVV	265217	504990	16.79%	1.191%
13	7.992	827	834	840	rVV	210094	344567	11.46%	0.812%
14	8.051	840	844	856	rVB4	27079	63845	2.12%	0.151%
15	8.216	865	872	877	rBV	282517	478086	15.90%	1.127%
16	8.322	885	890	898	rVB	57710	92280	3.07%	0.218%
17	8.698	946	954	962	rVB	384882	673358	22.39%	1.588%
18	9.398	1067	1073	1082	rBV	289248	514488	17.11%	1.213%
19	9.892	1149	1157	1164	rBV	307173	536773	17.85%	1.266%
20	10.627	1274	1282	1290	rVB	213077	385632	12.82%	0.909%
21	11.169	1367	1374	1380	rBV	330223	582206	19.36%	1.373%
22	11.457	1417	1423	1428	rVB	88489	130167	4.33%	0.307%
23	11.563	1434	1441	1446	rVV	568446	1030130	34.25%	2.429%
24	11.610	1446	1449	1453	rVV	88946	154289	5.13%	0.364%
25	11.686	1457	1462	1469	rVB	108090	191646	6.37%	0.452%
26	12.198	1544	1549	1564	rBV10	29149	71366	2.37%	0.168%
27	12.480	1593	1597	1603	rVB	72712	102058	3.39%	0.241%
28	12.863	1658	1662	1667	rVB	121924	167394	5.57%	0.395%
29	13.168	1708	1714	1721	rVB	270256	421454	14.01%	0.994%
30	13.386	1745	1751	1756	rVB	170377	266478	8.86%	0.628%
31	13.651	1788	1796	1802	rBV5	66357	112417	3.74%	0.265%
32	13.786	1815	1819	1824	rVV	95183	132054	4.39%	0.311%
33	14.068	1861	1867	1872	rBV	173330	262273	8.72%	0.618%
34	14.139	1874	1879	1885	rVB	41514	72357	2.41%	0.171%

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35	14.333	1907	1912	1915	rBV	52926	83791	2.79%	0.198%
36	14.480	1928	1937	1942	rBV3	138168	341084	11.34%	0.804%
37	14.615	1954	1960	1965	rBV	189960	361515	12.02%	0.852%
38	14.674	1965	1970	1974	rBV	729735	1068130	35.52%	2.518%
39	14.721	1974	1978	1992	rVB	368439	717162	23.85%	1.691%
40	14.857	1992	2001	2004	rBV	152038	307365	10.22%	0.725%
41	15.004	2017	2026	2036	rBV	726282	1317841	43.82%	3.107%
42	15.115	2040	2045	2052	rVB	230492	308376	10.25%	0.727%
43	15.245	2063	2067	2070	rBV2	67443	102610	3.41%	0.242%
44	15.298	2070	2076	2083	rVV2	819178	1339732	44.55%	3.159%
45	15.362	2083	2087	2091	rVB2	51537	74946	2.49%	0.177%
46	15.474	2100	2106	2115	rBV2	194870	416867	13.86%	0.983%
47	15.551	2115	2119	2125	rBV3	82240	166184	5.53%	0.392%
48	15.668	2134	2139	2145	rBV3	102830	222316	7.39%	0.524%
49	15.745	2145	2152	2157	rVB3	109831	242172	8.05%	0.571%
50	15.809	2157	2163	2170	rVB7	37373	92153	3.06%	0.217%
51	15.886	2170	2176	2181	rBV	110265	194225	6.46%	0.458%
52	15.939	2181	2185	2190	rVB	106539	145778	4.85%	0.344%
53	16.051	2195	2204	2208	rBV4	335398	558453	18.57%	1.317%
54	16.086	2208	2210	2218	rVB2	76235	118825	3.95%	0.280%
55	16.162	2218	2223	2226	rBV6	36833	73860	2.46%	0.174%
56	16.268	2236	2241	2250	rBV	898469	1518748	50.50%	3.581%
57	16.392	2258	2262	2267	rBV2	116305	192932	6.42%	0.455%
58	16.445	2267	2271	2278	rVB	138825	210317	6.99%	0.496%
59	16.604	2290	2298	2304	rVB4	117186	268445	8.93%	0.633%
60	16.662	2305	2308	2311	rBV5	38427	63845	2.12%	0.151%
61	16.751	2319	2323	2330	rBV2	98975	180831	6.01%	0.426%
62	16.915	2344	2351	2356	rBV	626611	1203148	40.01%	2.837%
63	17.104	2378	2383	2388	rBV3	80604	116403	3.87%	0.274%
64	17.298	2412	2416	2423	rVB6	41002	84785	2.82%	0.200%
65	17.539	2449	2457	2462	rBV5	144276	388614	12.92%	0.916%
66	17.680	2474	2481	2484	rBV2	266037	403747	13.43%	0.952%
67	17.727	2484	2489	2494	rVV2	163708	252998	8.41%	0.596%
68	17.833	2504	2507	2517	rVB3	73783	130293	4.33%	0.307%
69	18.009	2532	2537	2541	rBV	915832	1345685	44.75%	3.173%
70	18.051	2541	2544	2549	rVB	530589	707586	23.53%	1.668%
71	18.109	2549	2554	2558	rBV	869879	1254300	41.71%	2.957%

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72	18.309	2585	2588	2596	rVB4	117598	220621	7.34%	0.520%
73	18.409	2600	2605	2609	rVV2	307156	408929	13.60%	0.964%
74	18.580	2631	2634	2637	rVB2	64036	69446	2.31%	0.164%
75	18.803	2667	2672	2676	rBV2	238626	350087	11.64%	0.825%
76	18.862	2678	2682	2685	rVV	168107	269901	8.97%	0.636%
77	18.909	2685	2690	2694	rVB2	209145	347169	11.54%	0.818%
78	18.986	2701	2703	2707	rVB	74799	83796	2.79%	0.198%
79	19.045	2708	2713	2715	rVV	165660	274043	9.11%	0.646%
80	19.080	2716	2719	2726	rVB2	315170	442167	14.70%	1.042%
81	19.333	2758	2762	2767	rBV2	120917	176180	5.86%	0.415%
82	19.574	2800	2803	2807	rVB2	61603	73953	2.46%	0.174%
83	19.627	2809	2812	2815	rVV2	66524	83114	2.76%	0.196%
84	19.686	2819	2822	2826	rVB	199928	220678	7.34%	0.520%
85	19.739	2827	2831	2835	rBV	158872	226803	7.54%	0.535%
86	20.009	2872	2877	2881	rBV	935742	1219536	40.55%	2.875%
87	20.250	2914	2918	2926	rVB4	198508	302711	10.07%	0.714%
88	20.339	2927	2933	2935	rVV2	902234	1439241	47.86%	3.393%
89	20.368	2935	2938	2943	rVV	1005463	1341455	44.61%	3.163%
90	20.421	2944	2947	2953	rVB2	112436	171760	5.71%	0.405%
91	20.762	3003	3005	3009	rBV2	108759	104837	3.49%	0.247%
92	21.133	3065	3068	3072	rBV	89606	118421	3.94%	0.279%
93	21.244	3085	3087	3092	rVB2	127990	149808	4.98%	0.353%
94	21.568	3139	3142	3147	rVB	164253	205318	6.83%	0.484%
95	21.703	3161	3165	3168	rBV2	298670	472076	15.70%	1.113%
96	22.091	3225	3231	3236	rBV2	844044	1904462	63.33%	4.490%
97	22.138	3236	3239	3246	rVB2	472863	746605	24.83%	1.760%
98	23.891	3533	3537	3544	rBV	303016	742765	24.70%	1.751%
99	24.527	3640	3645	3650	rBV	366728	743978	24.74%	1.754%
100	24.697	3668	3674	3680	rBV2	410777	837791	27.86%	1.975%

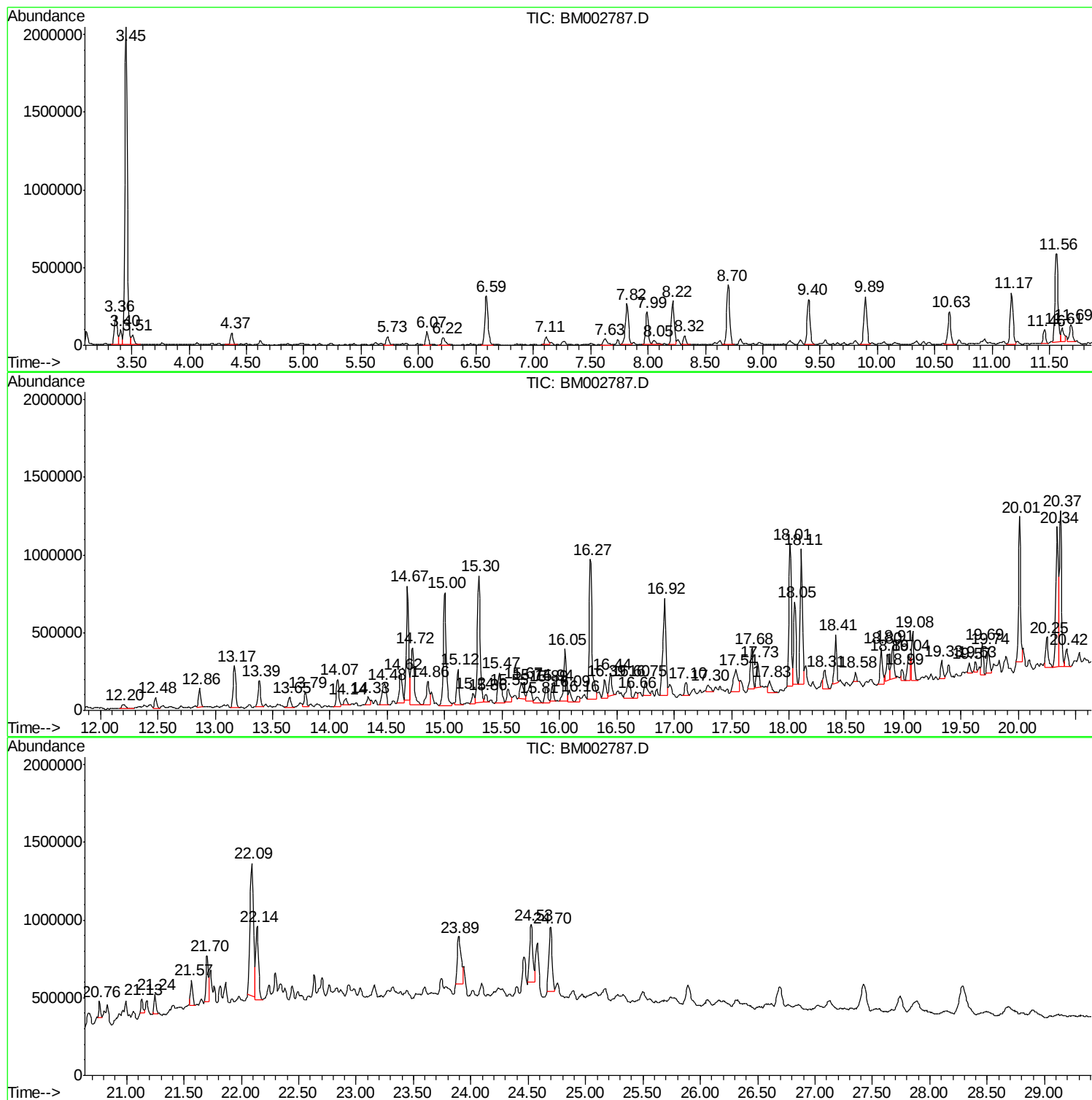
Sum of corrected areas: 42415740

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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



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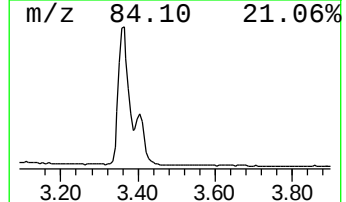
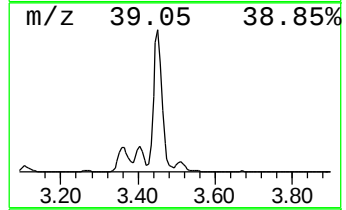
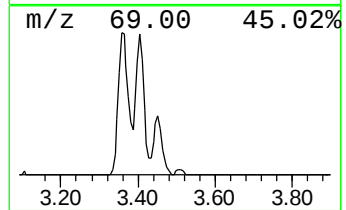
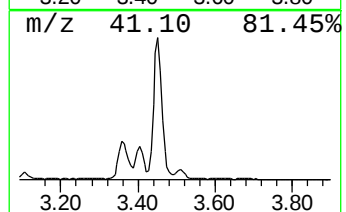
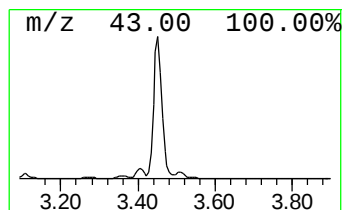
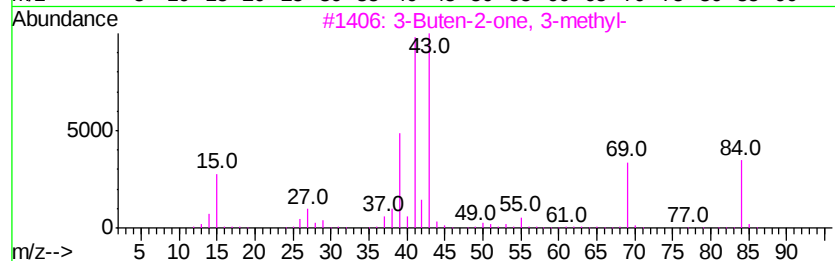
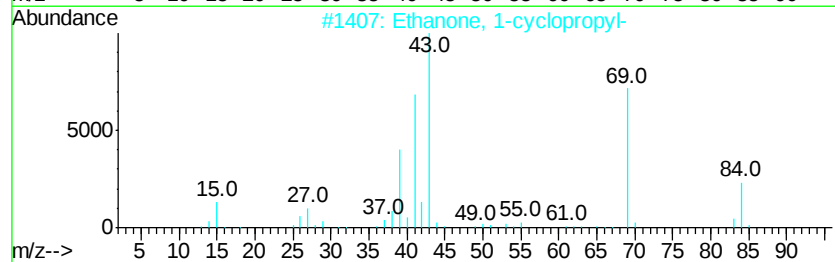
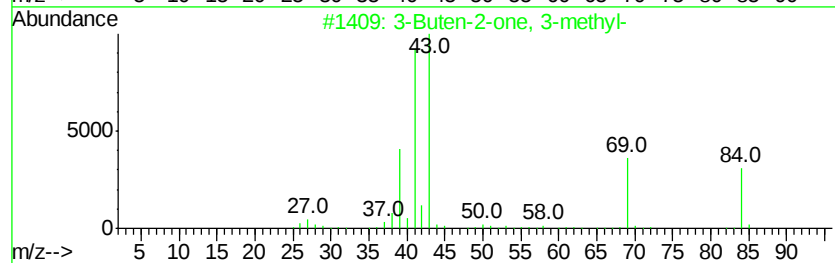
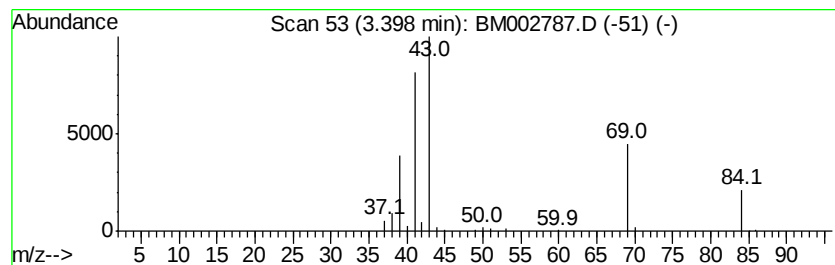
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 3-Buten-2-one, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.40	4.00 ng/ul	134799	1,4-Dichlorobenzene-d4	8.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	72
2			Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	59
3			3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	42
4			2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	40
5			3-Penten-2-one	84	C5H8O	000625-33-2	40



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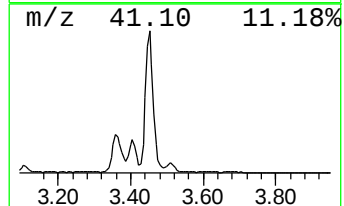
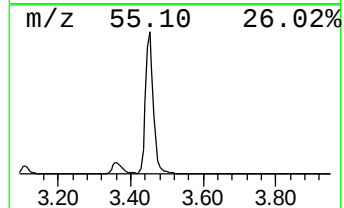
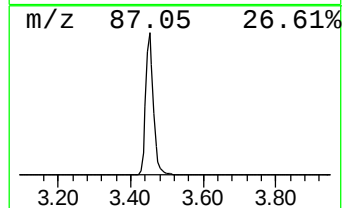
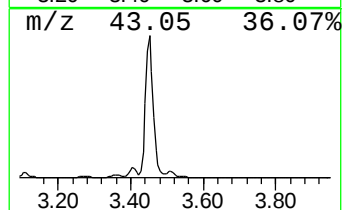
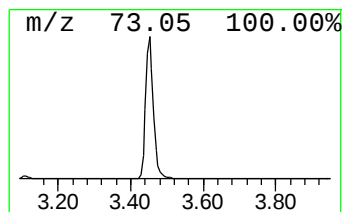
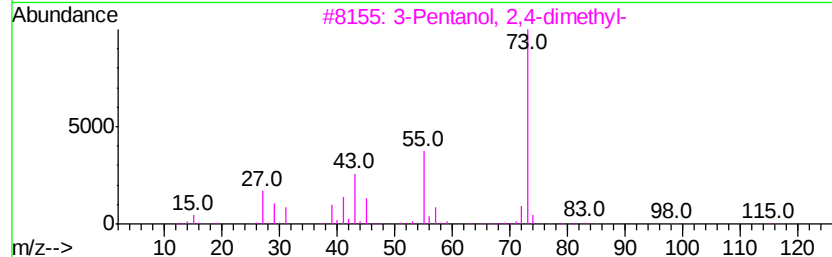
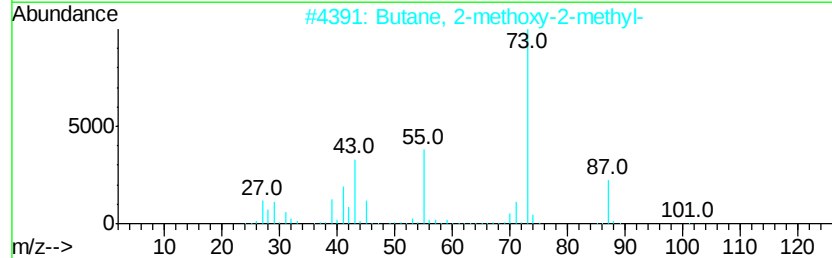
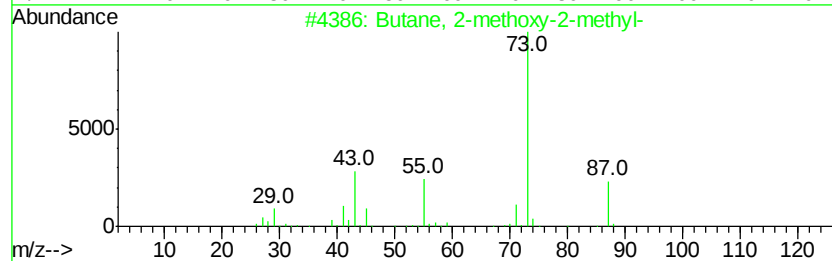
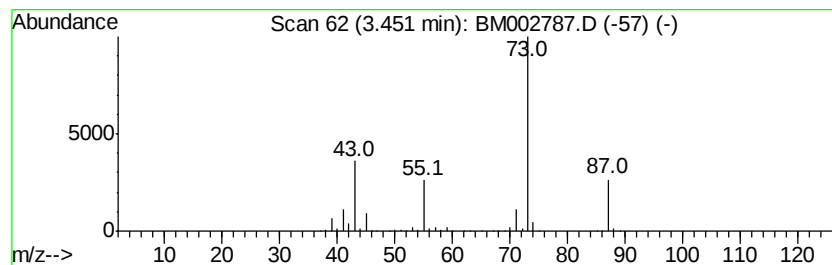
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	89.32 ng/ul	3007280	1,4-Dichlorobenzene-d4	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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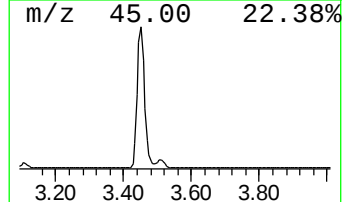
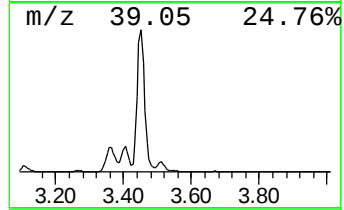
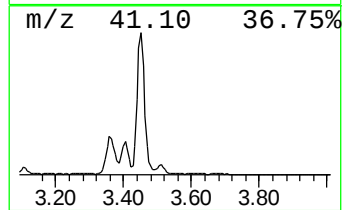
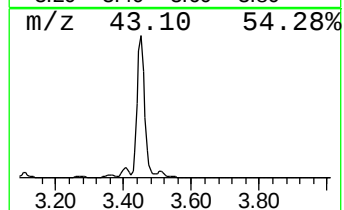
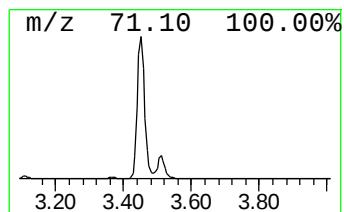
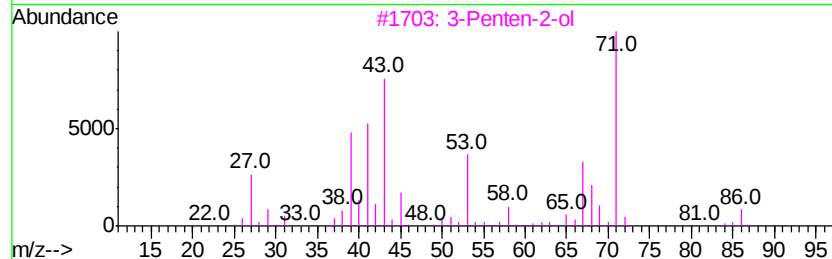
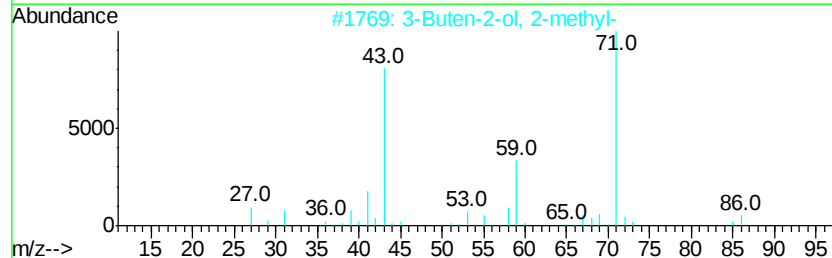
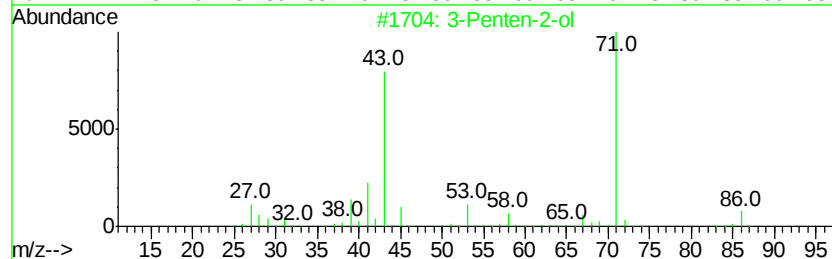
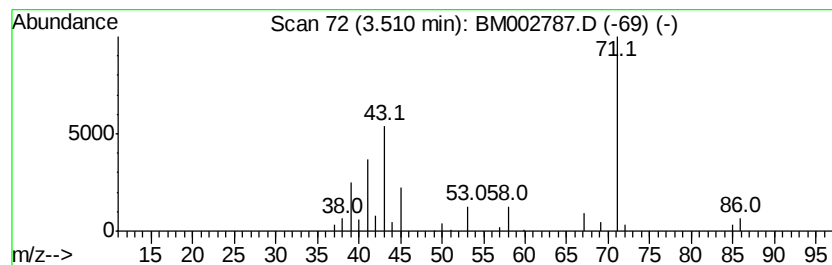
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TIC Integration Parameters: LSCINT.P

Peak Number 4 3-Penten-2-ol Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.51	3.00 ng/ul	100887	1,4-Dichlorobenzene-d4	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-ol	86	C5H10O	001569-50-2	80
2		3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59
3		3-Penten-2-ol	86	C5H10O	001569-50-2	58
4		Pantolactone	130	C6H10O3	000599-04-2	56
5		2-Hexene, 1-methoxy-, (E)-	114	C7H14O	056052-83-6	56



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
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Instrument :
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ClientSampleId :
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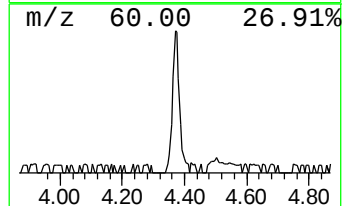
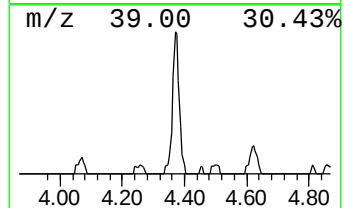
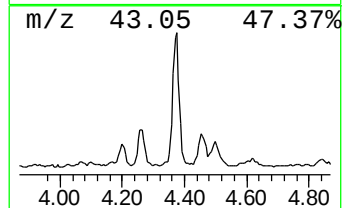
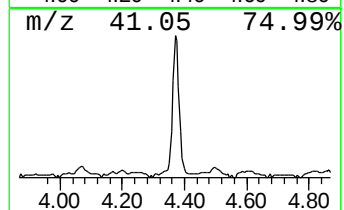
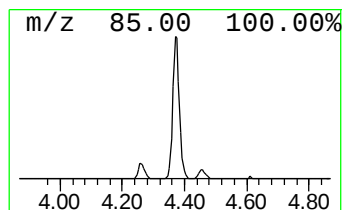
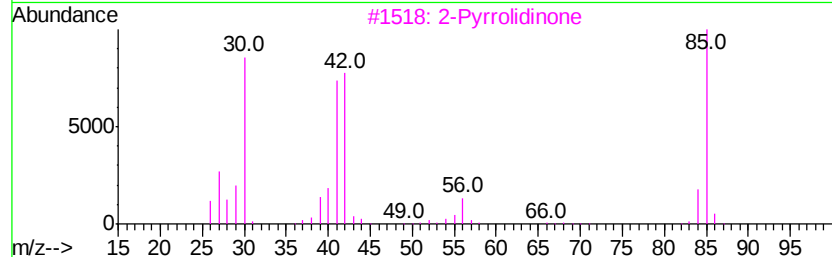
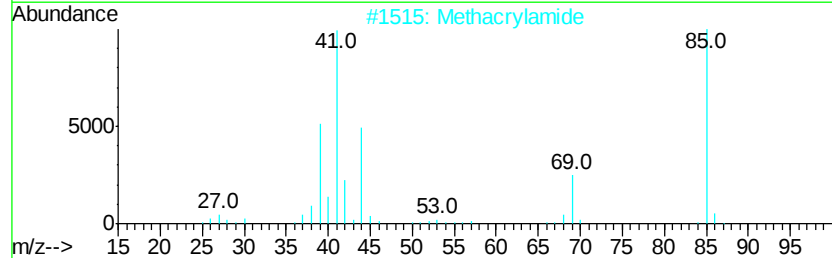
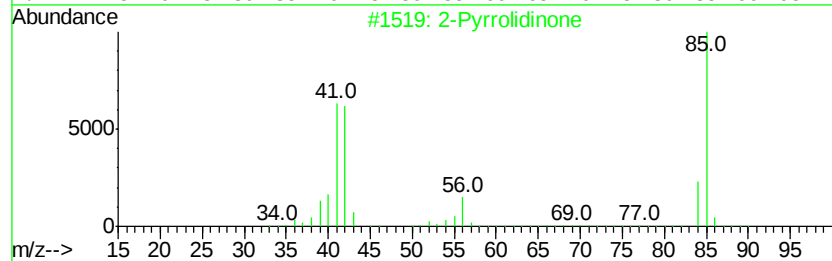
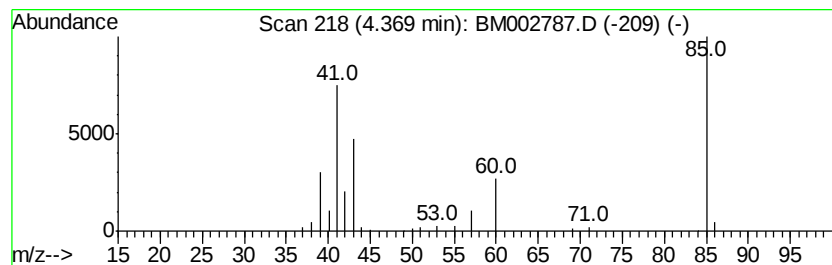
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	3.53 ng/ul	118895	1,4-Dichlorobenzene-d4	8.70

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone	85	C4H7NO	000616-45-5	40
2		Methacrylamide	85	C4H7NO	000079-39-0	36
3		2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4		Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9
5		Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	9



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
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ClientSampleID :
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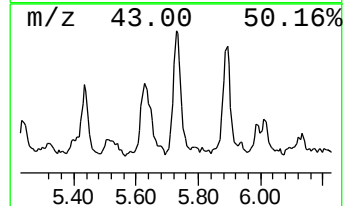
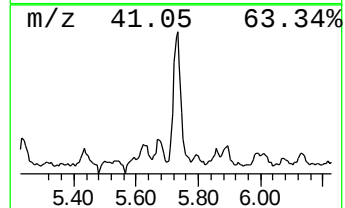
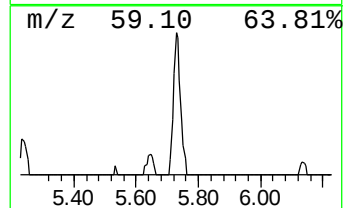
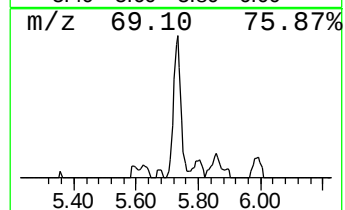
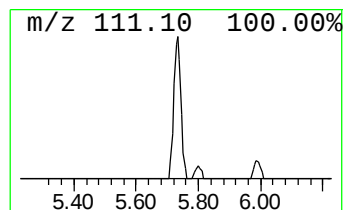
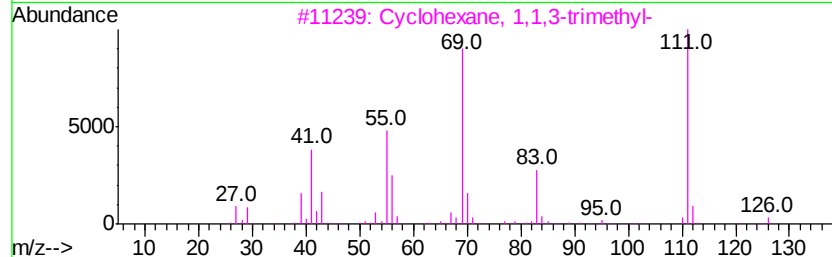
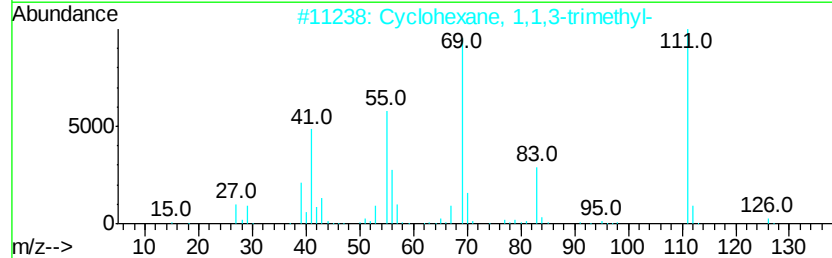
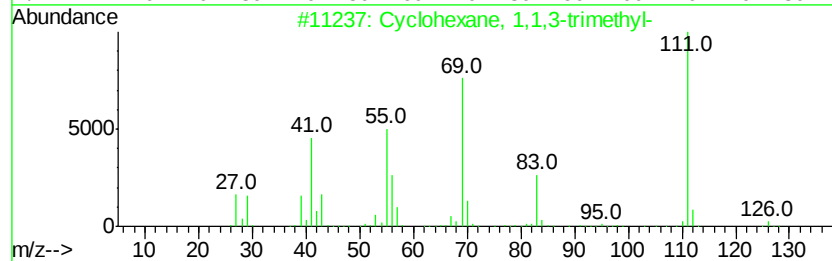
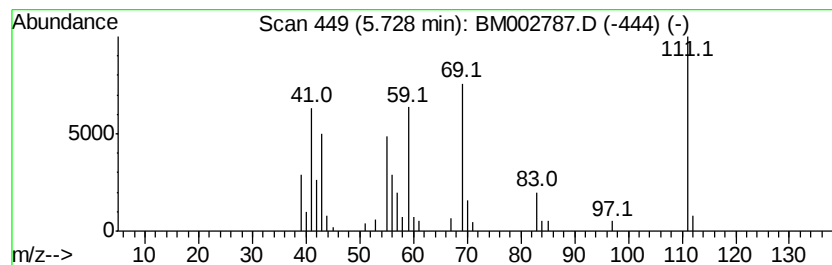
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic5.73 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.73	2.76 ng/ul	92813	1,4-Dichlorobenzene-d4	8.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
2			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
3			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
4			Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	59
5			Cyclooctane, butyl-	168	C12H24	016538-93-5	53



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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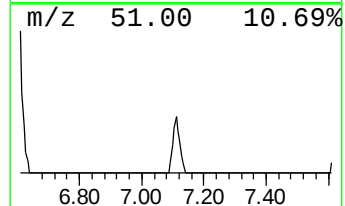
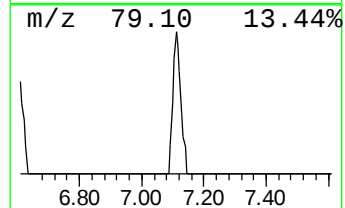
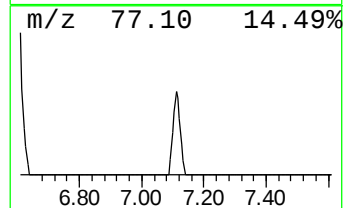
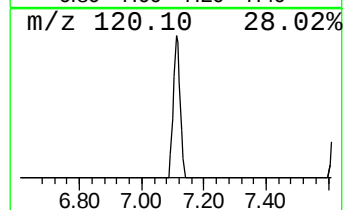
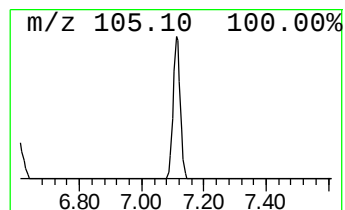
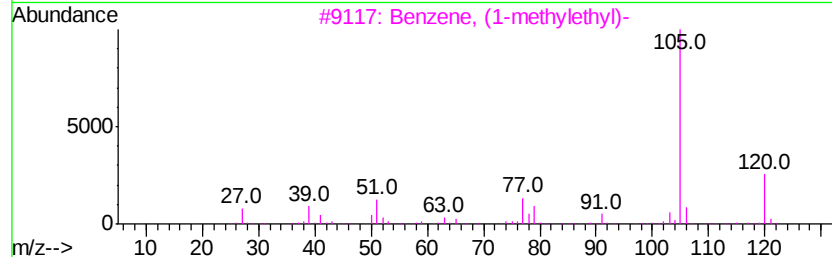
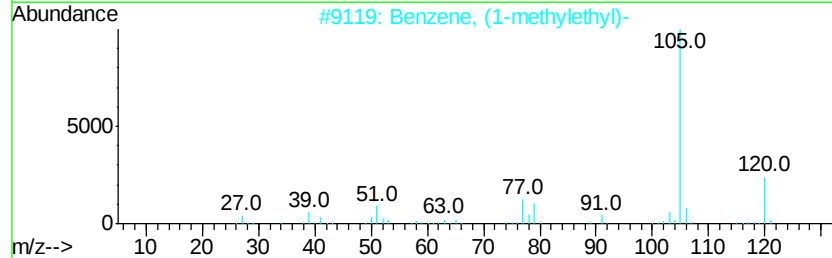
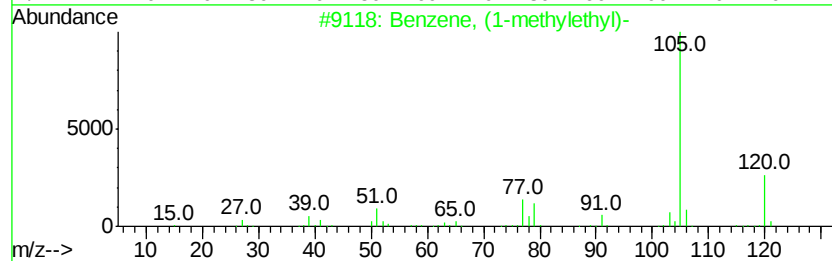
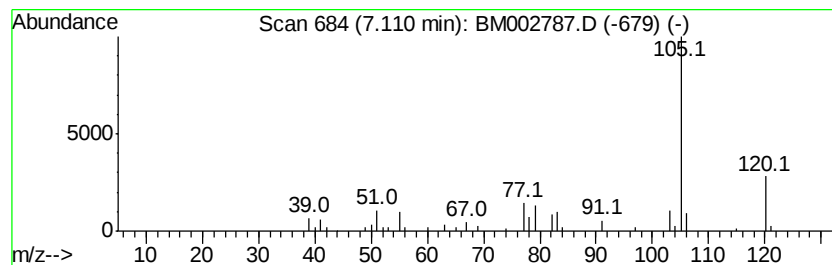
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Benzene, (1-methylethyl)- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	2.92 ng/ul	98443	1,4-Dichlorobenzene-d4	8.70

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	93
2			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
3			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87
4			Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	83
5			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	80



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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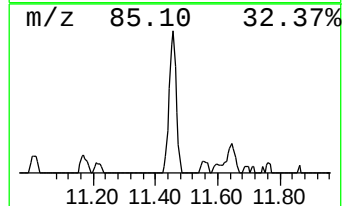
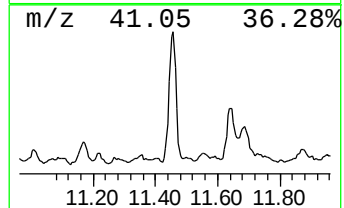
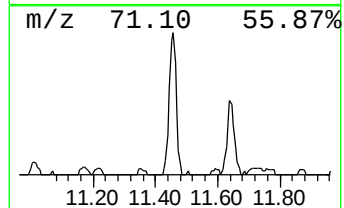
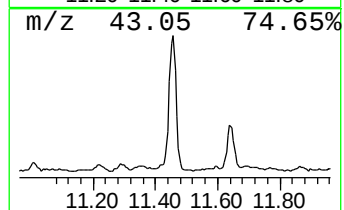
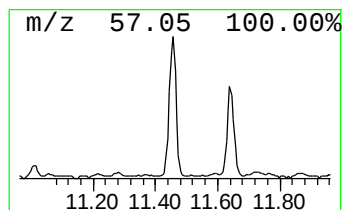
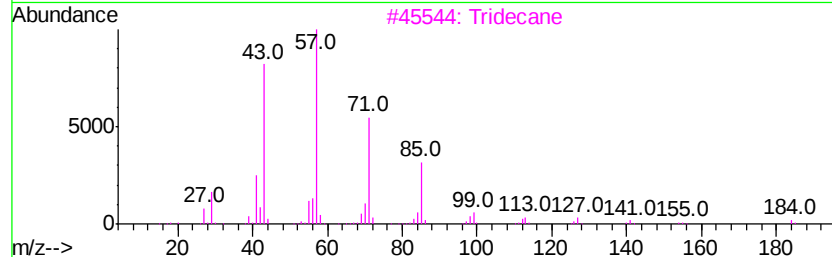
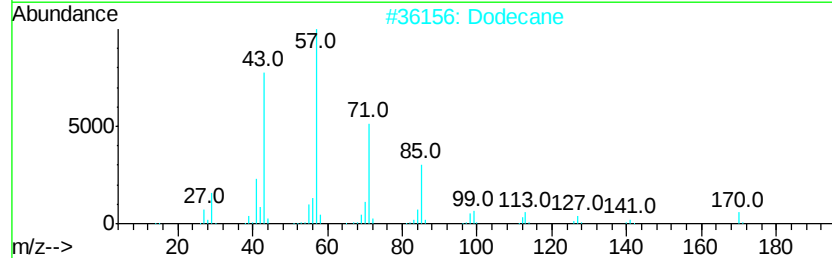
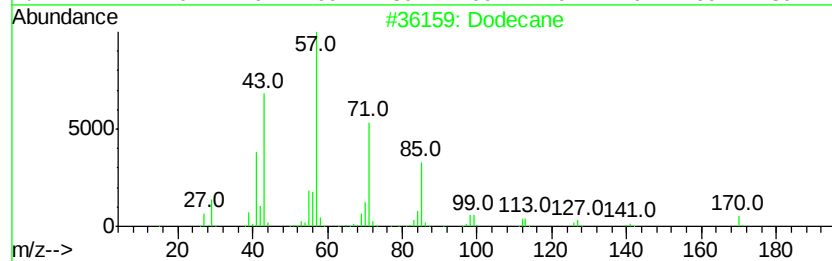
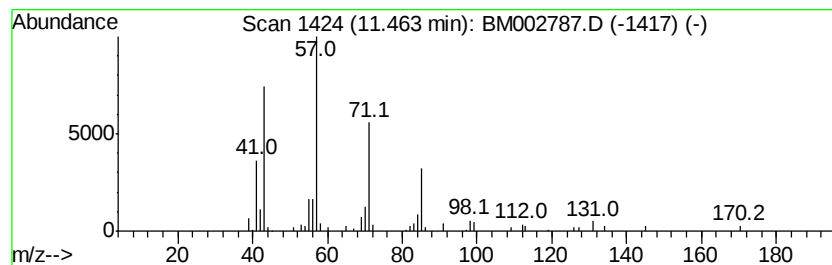
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.53 ng/ul	130167	Napthalene-d8	11.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	94
2		Dodecane	170	C12H26	000112-40-3	87
3		Tridecane	184	C13H28	000629-50-5	86
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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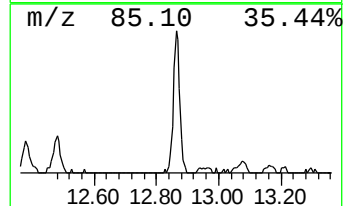
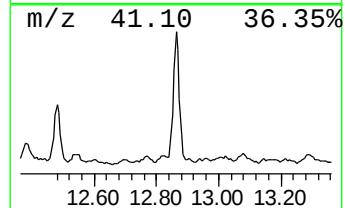
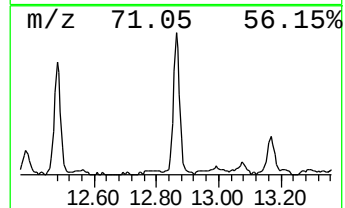
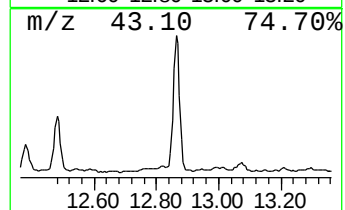
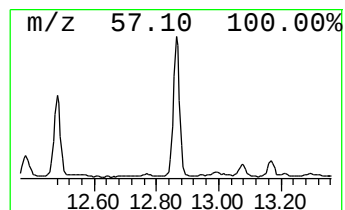
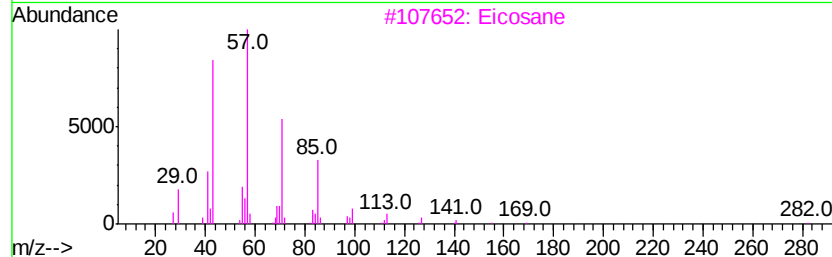
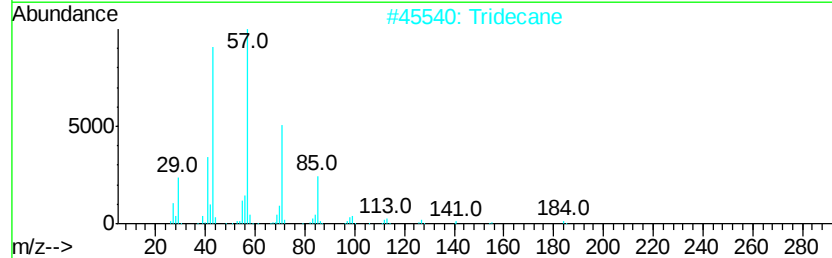
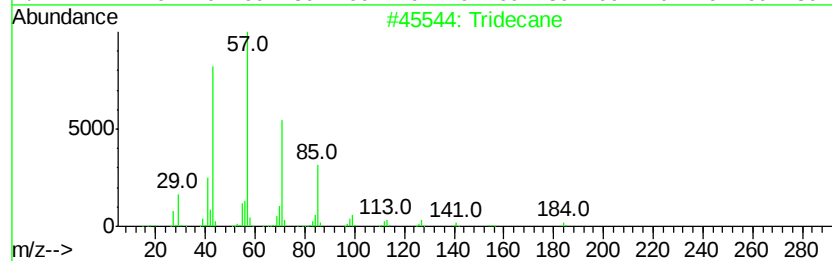
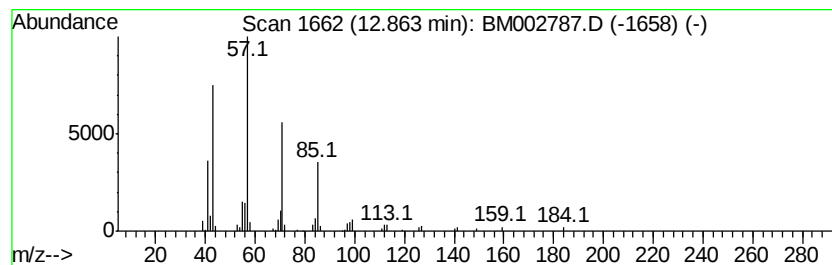
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	3.25 ng/ul	167394	Naphthalene-d8	11.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	96
2			Tridecane	184	C13H28	000629-50-5	93
3			Eicosane	282	C20H42	000112-95-8	91
4			Hexadecane	226	C16H34	000544-76-3	86
5			Dodecane	170	C12H26	000112-40-3	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Misc :
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ClientSampleId :
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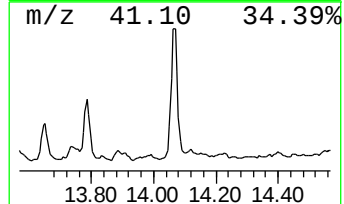
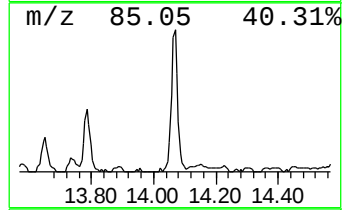
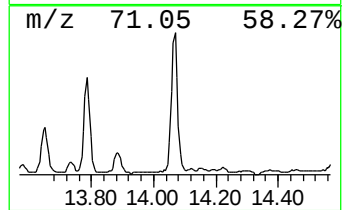
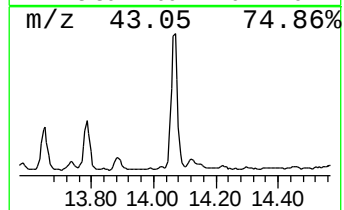
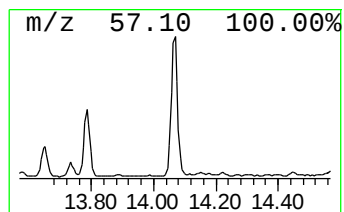
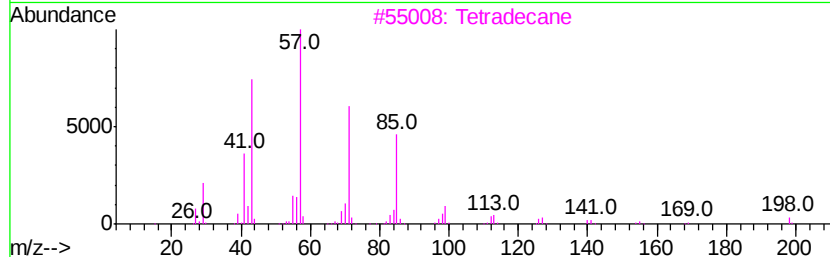
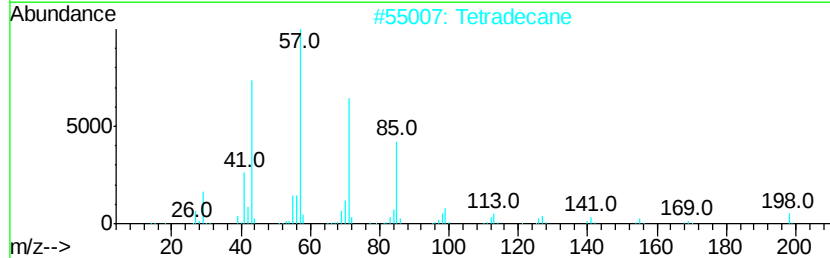
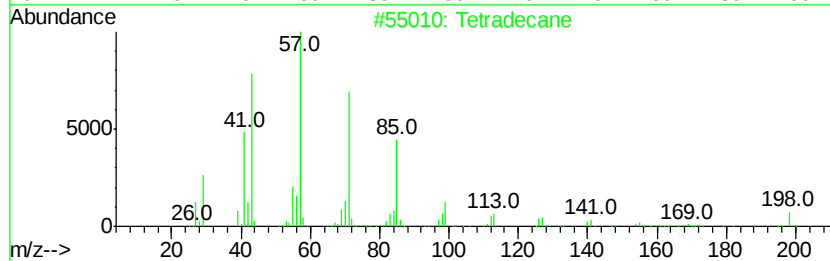
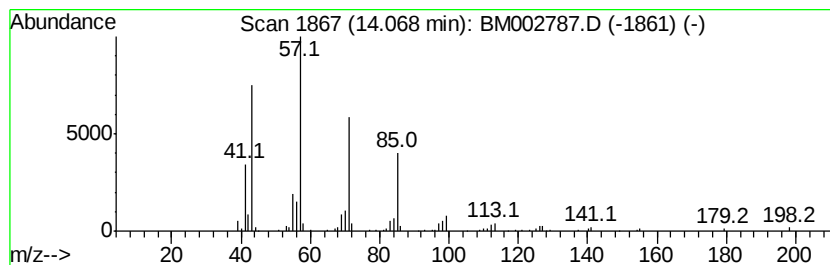
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	3.92 ng/ul	262273	Acenaphthene-d10	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	97
2		Tetradecane	198	C14H30	000629-59-4	97
3		Tetradecane	198	C14H30	000629-59-4	96
4		Tridecane	184	C13H28	000629-50-5	91
5		Eicosane	282	C20H42	000112-95-8	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Misc :
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ClientSampleId :
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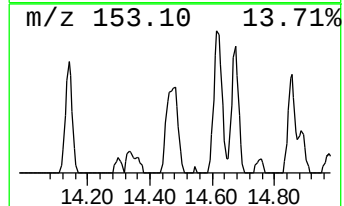
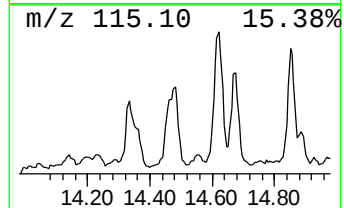
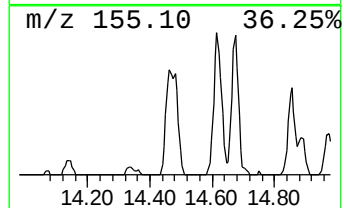
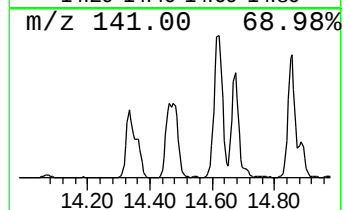
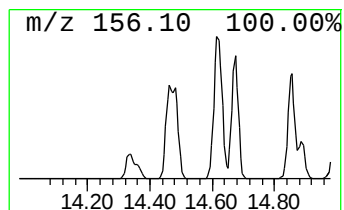
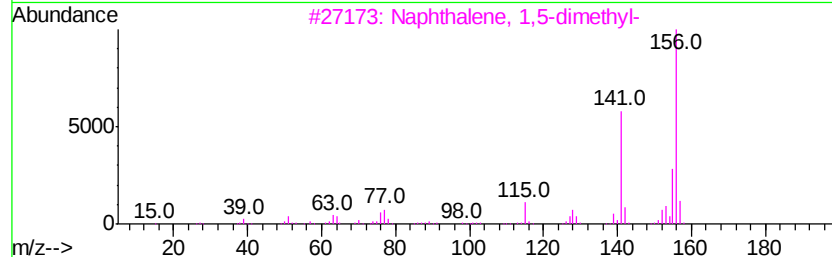
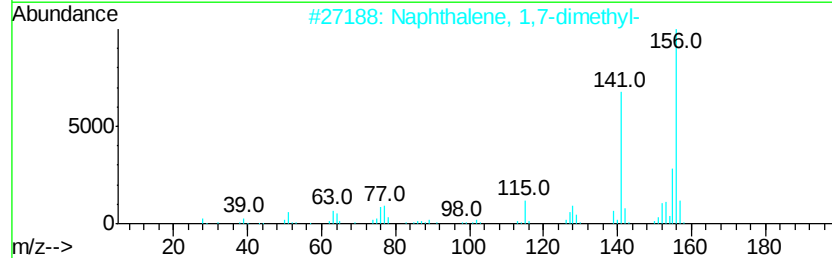
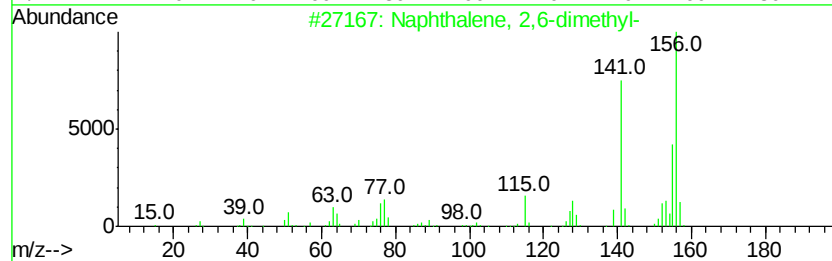
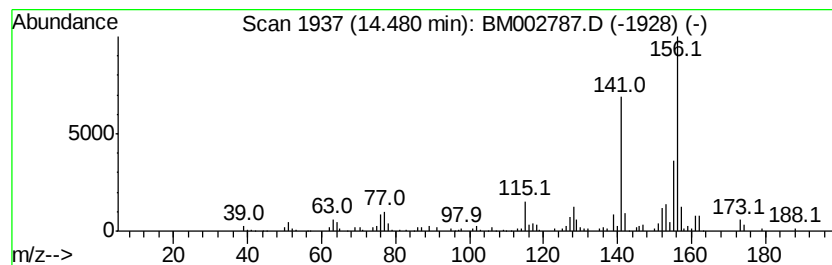
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	5.09 ng/ul	341084	Acenaphthene-d10	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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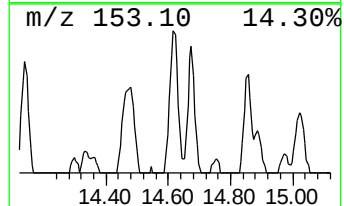
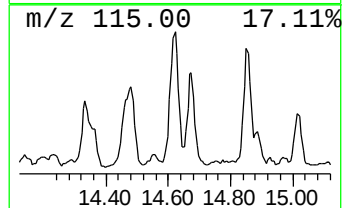
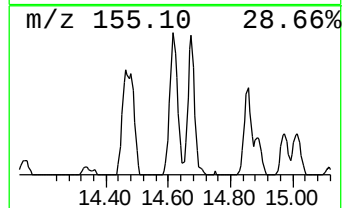
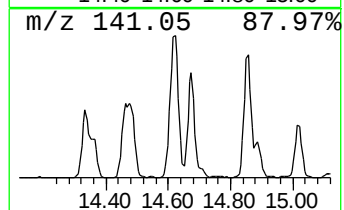
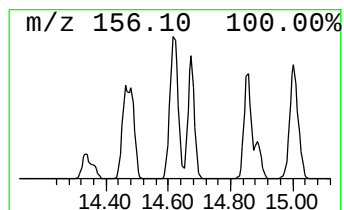
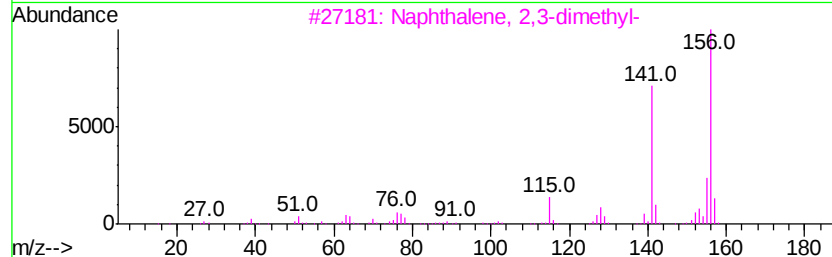
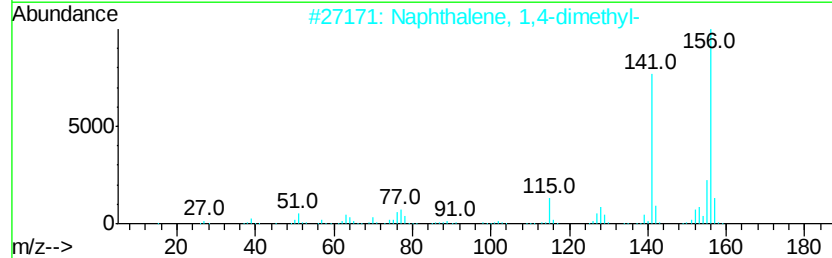
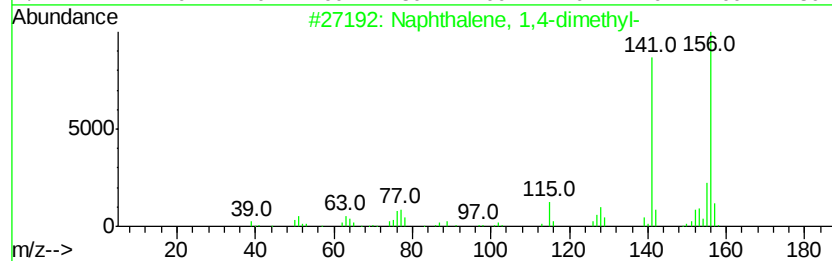
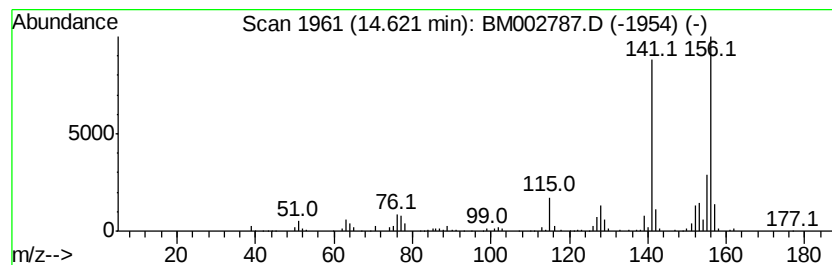
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	5.40 ng/ul	361515	Acenaphthene-d10	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
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ClientSampleId :
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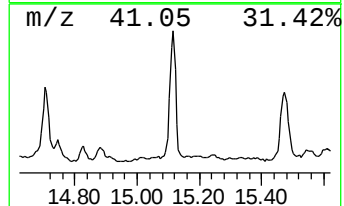
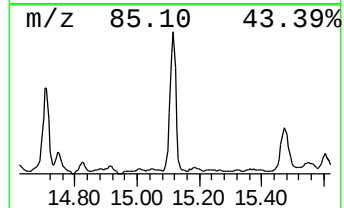
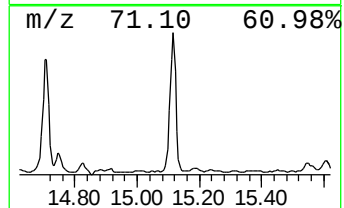
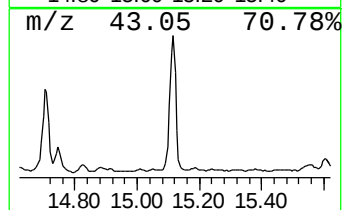
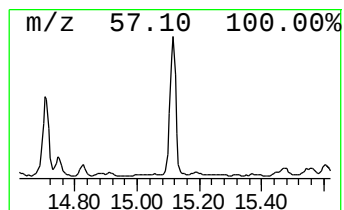
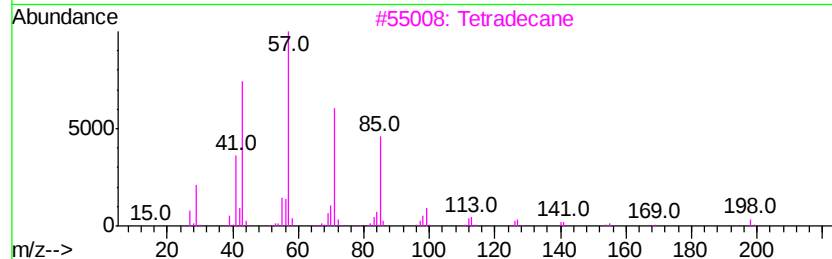
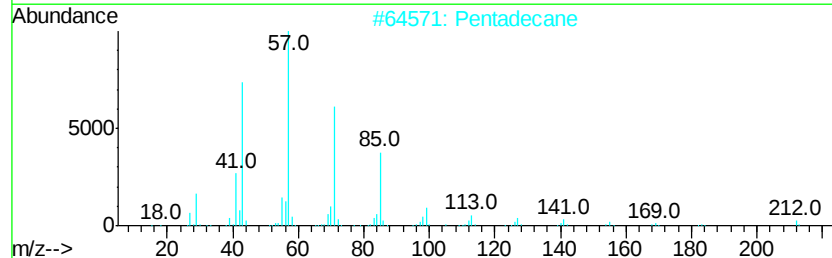
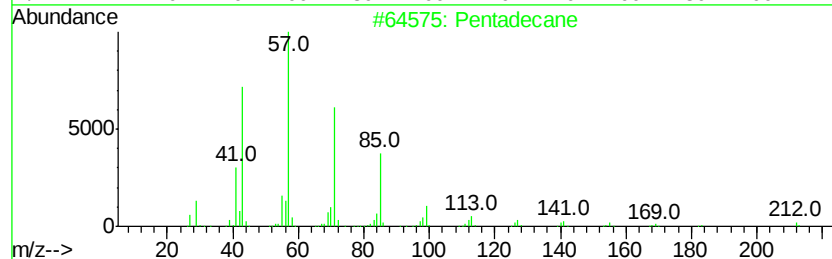
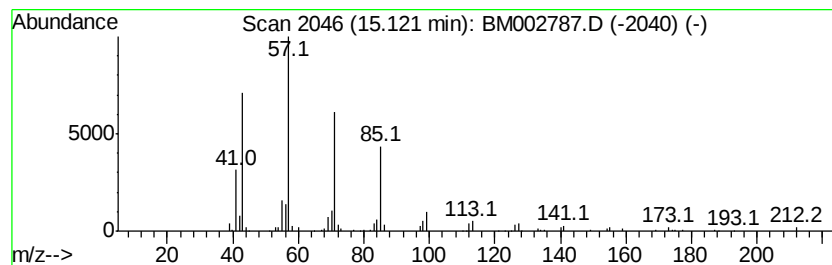
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	4.60 ng/ul	308376	Acenaphthene-d10	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	96
2			Pentadecane	212	C15H32	000629-62-9	96
3			Tetradecane	198	C14H30	000629-59-4	91
4			Tetradecane	198	C14H30	000629-59-4	91
5			Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX5

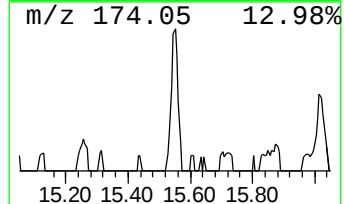
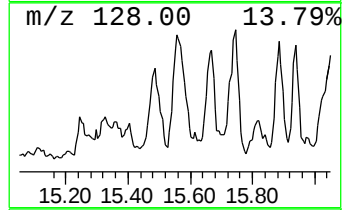
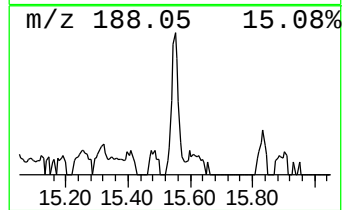
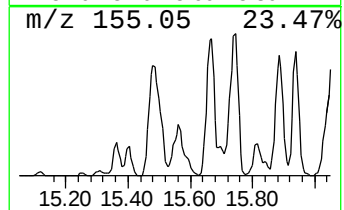
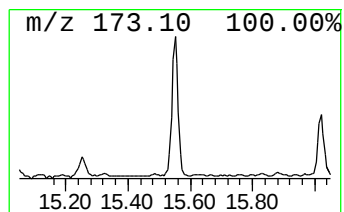
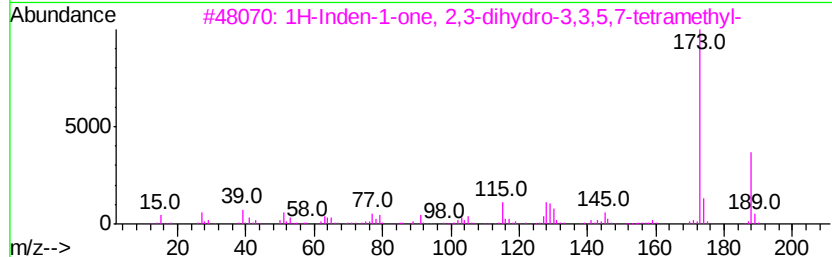
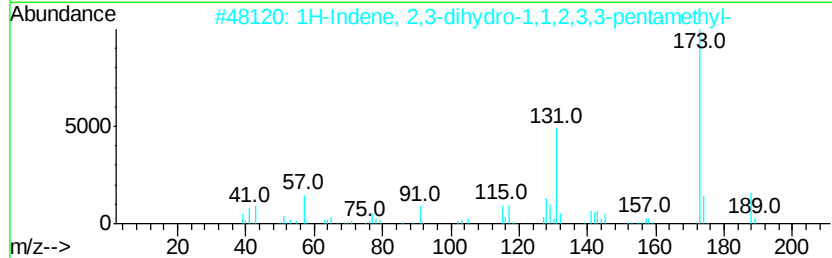
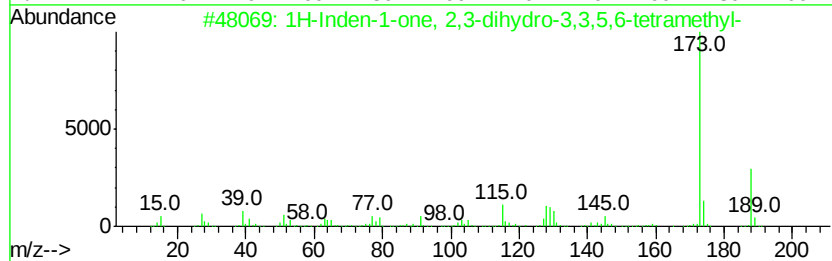
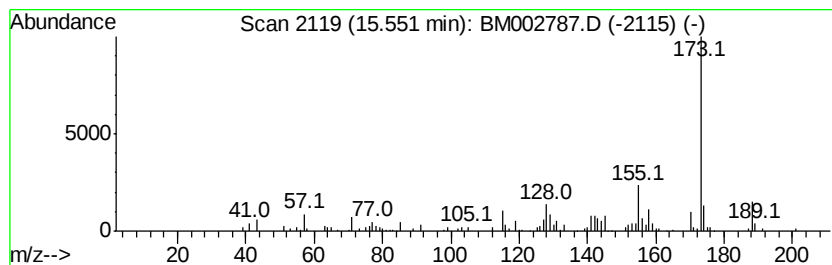
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.48 ng/ul	166184	Acenaphthene-d10	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-22-9	70
2		1H-Indene, 2,3-dihydro-1,1,2,3,3...	188	C14H20	001203-17-4	70
3		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	054789-23-0	70
4		3-Buten-2-one, 1-(2,3,6-trimethy...	188	C13H16O	054789-45-6	64
5		1H-Inden-1-one, 2,3-dihydro-3,3,...	188	C13H16O	056298-98-7	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
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ClientSampleId :
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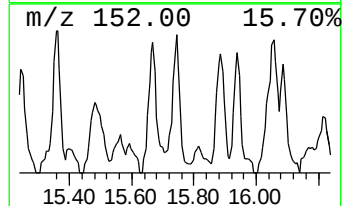
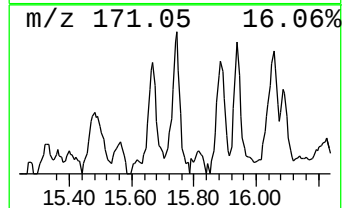
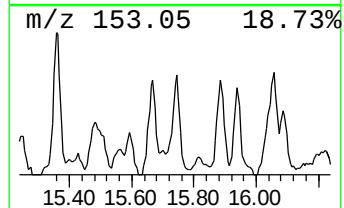
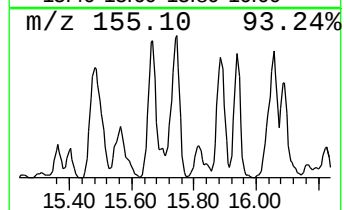
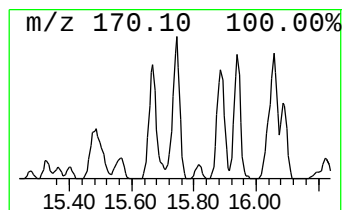
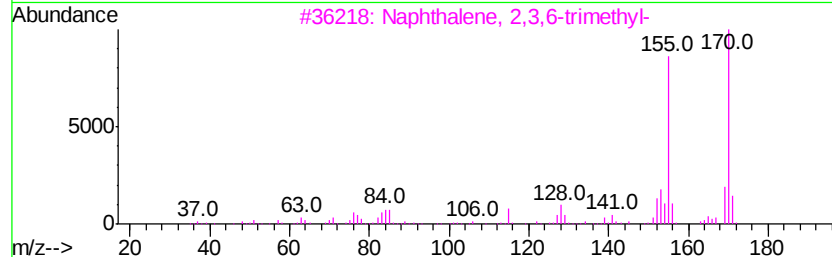
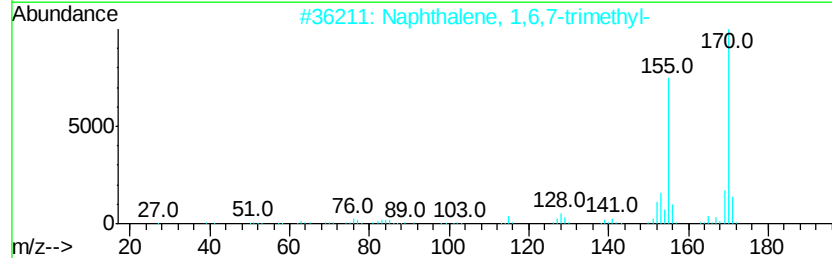
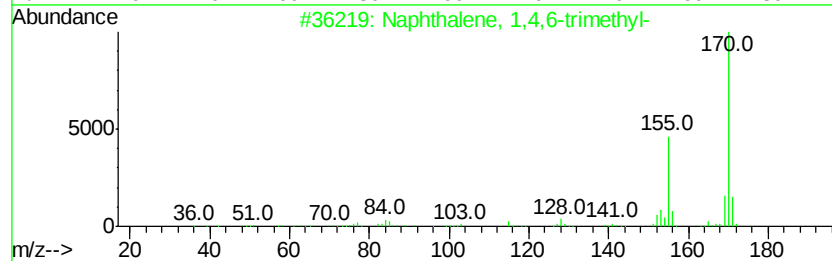
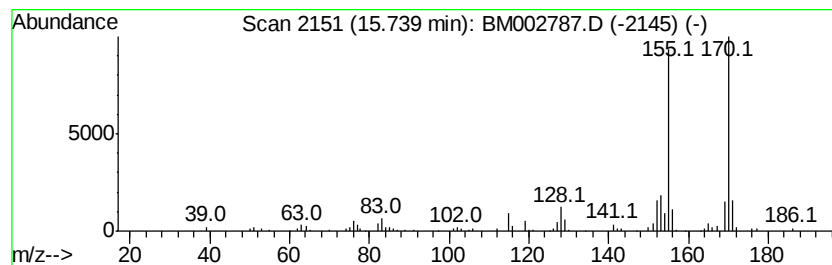
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1,4,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	3.62 ng/ul	242172	Acenaphthene-d10	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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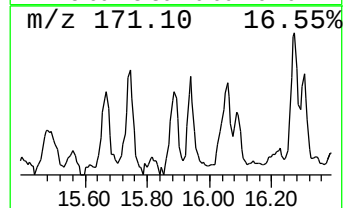
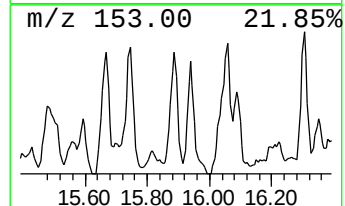
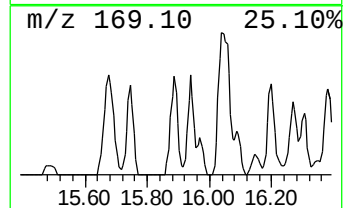
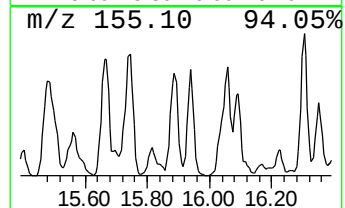
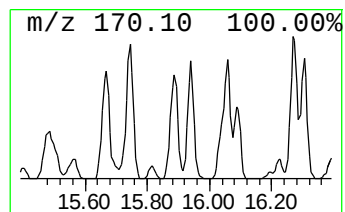
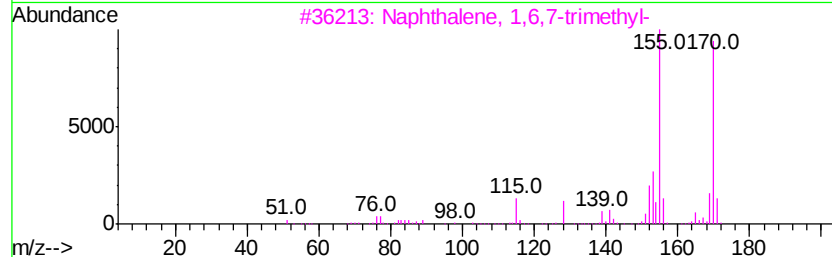
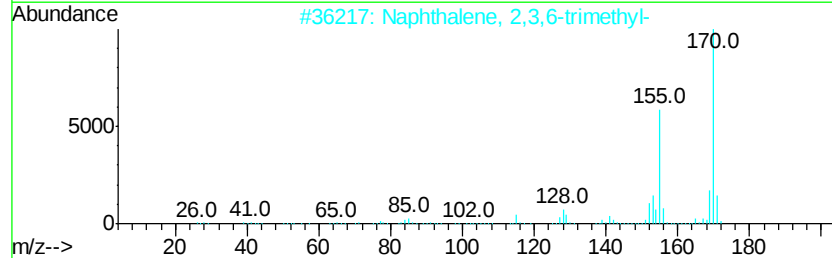
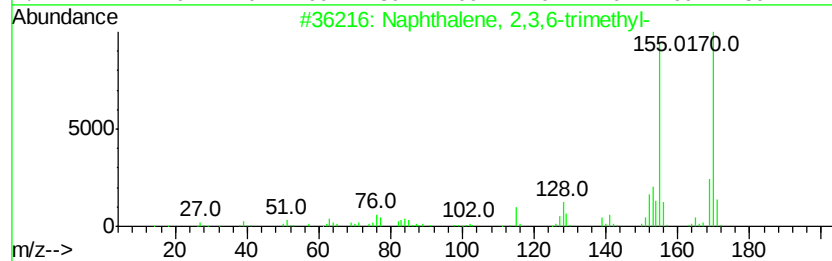
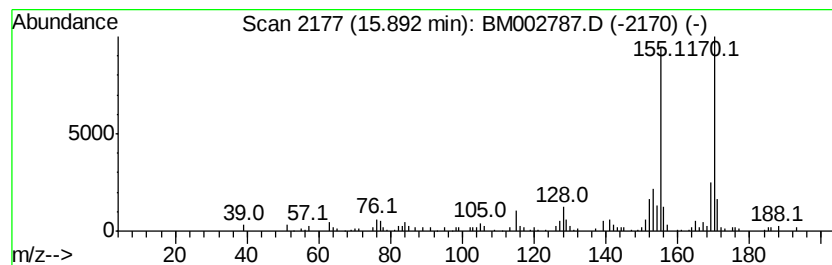
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Naphthalene, 2,3,6-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.90 ng/ul	194225	Acenaphthene-d10	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
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Misc :
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ClientSampleId :
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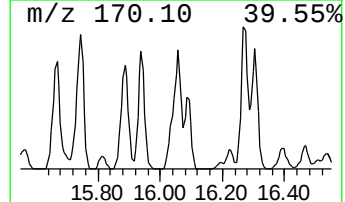
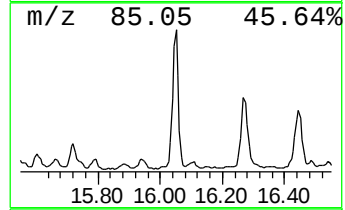
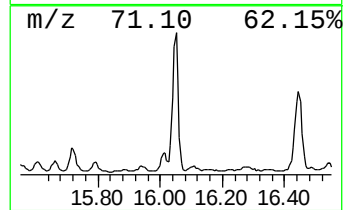
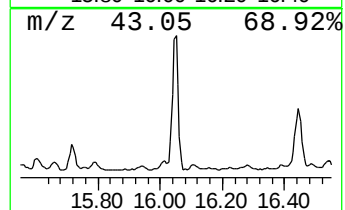
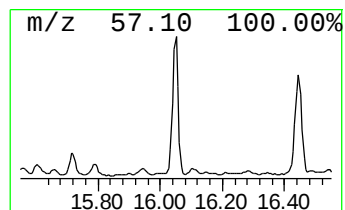
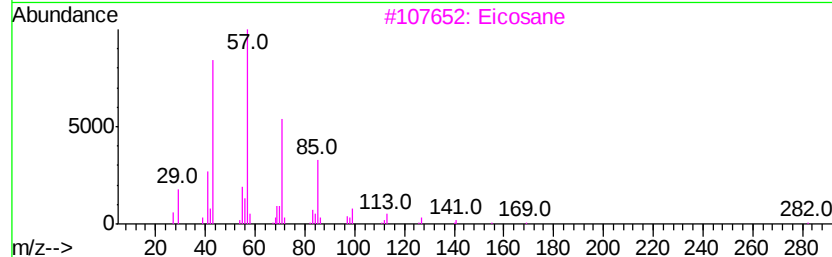
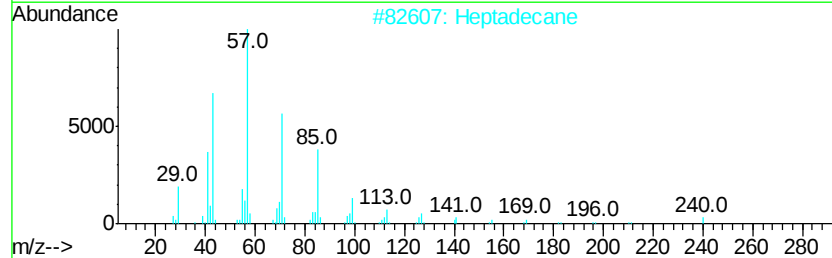
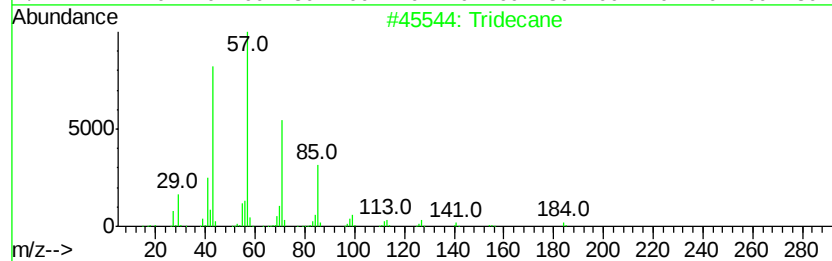
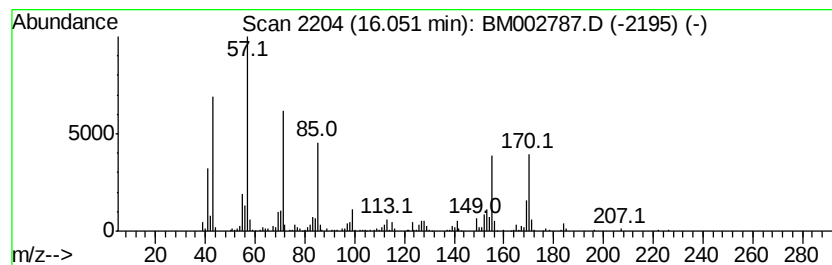
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	8.34 ng/ul	558453	Acenaphthene-d10	15.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	64
2		Heptadecane	240	C17H36	000629-78-7	45
3		Eicosane	282	C20H42	000112-95-8	45
4		Tetracosane	338	C24H50	000646-31-1	45
5		Tetradecane	198	C14H30	000629-59-4	43



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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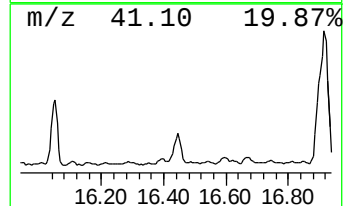
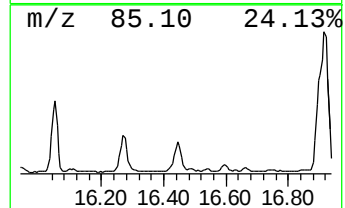
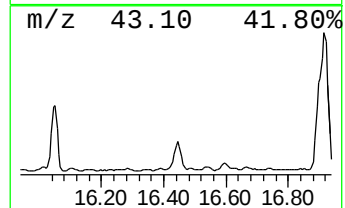
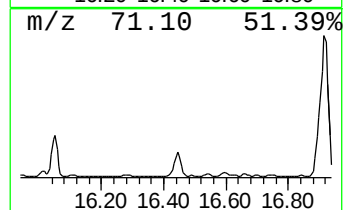
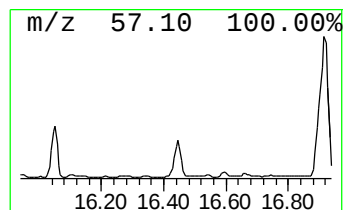
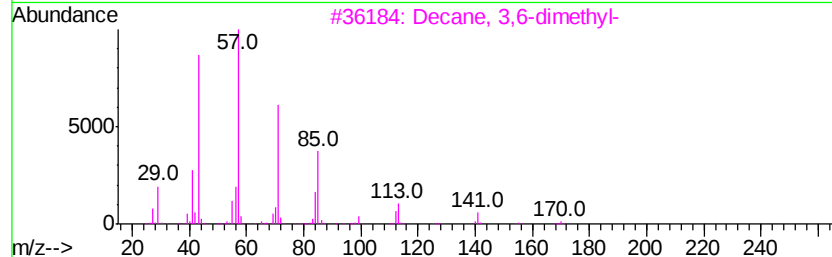
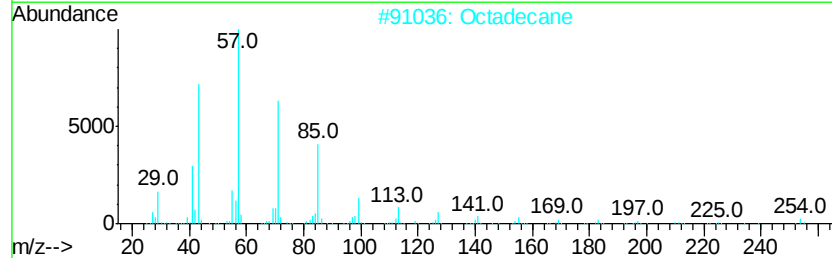
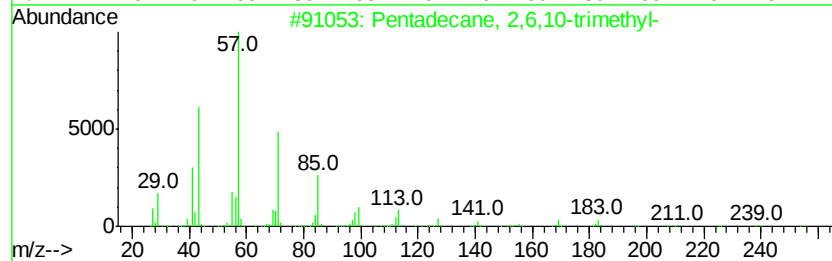
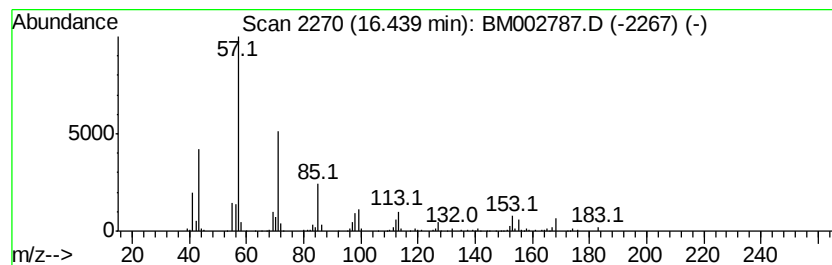
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	3.14 ng/ul	210317	Acenaphthene-d10	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2			Octadecane	254	C18H38	000593-45-3	50
3			Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	49
4			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	47
5			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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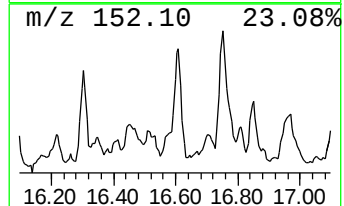
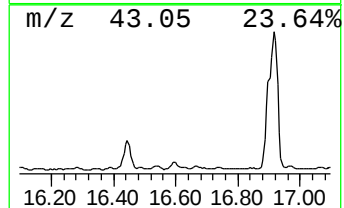
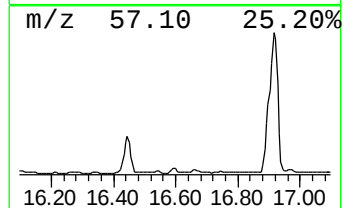
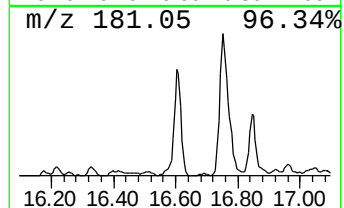
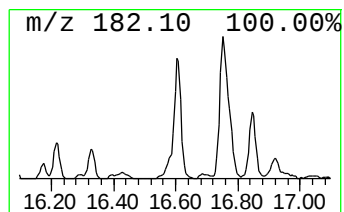
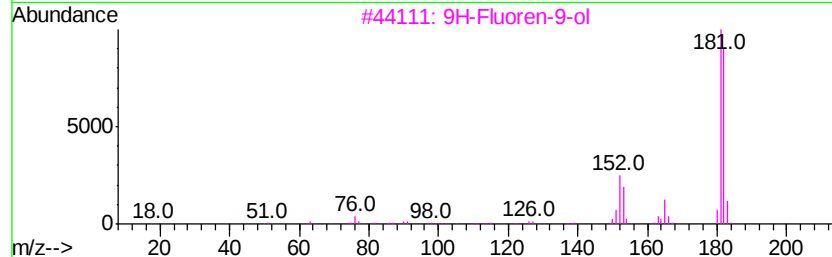
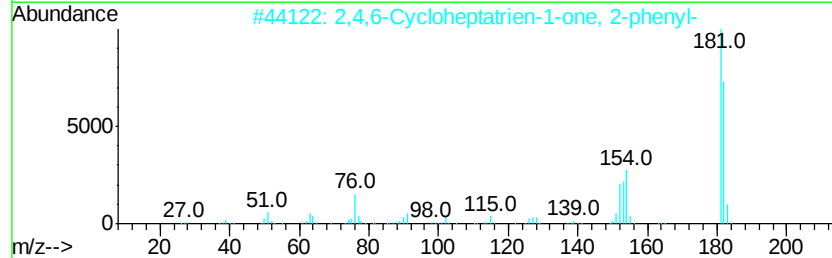
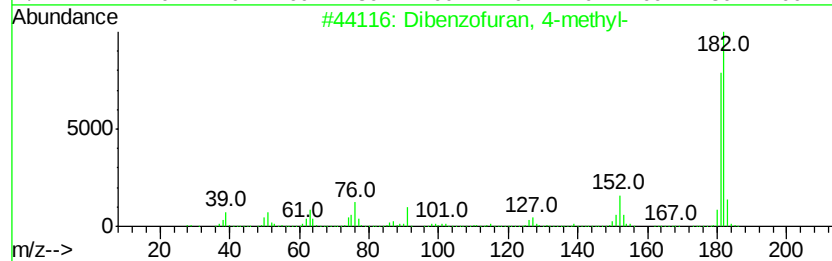
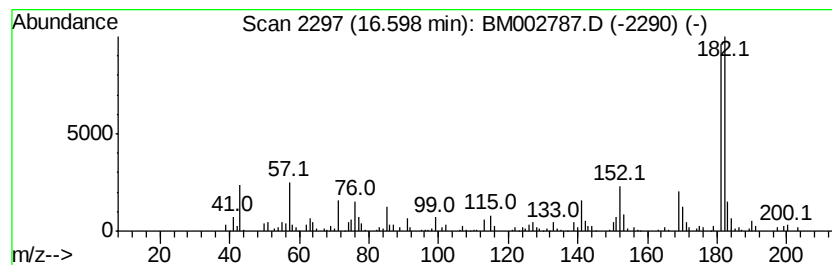
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.60	4.01 ng/ul	268445	Acenaphthene-d10	15.30

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	68
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64
4			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	59
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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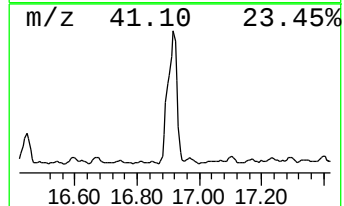
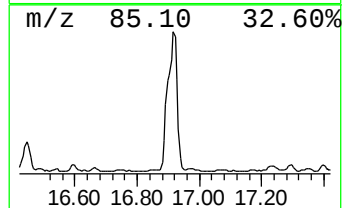
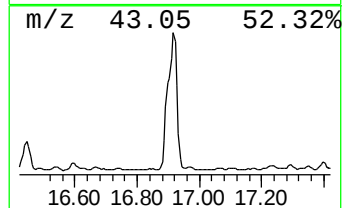
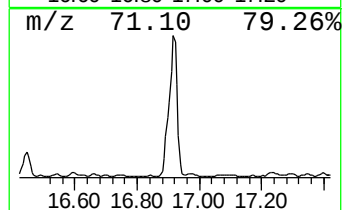
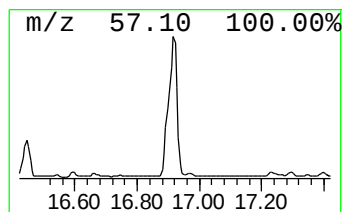
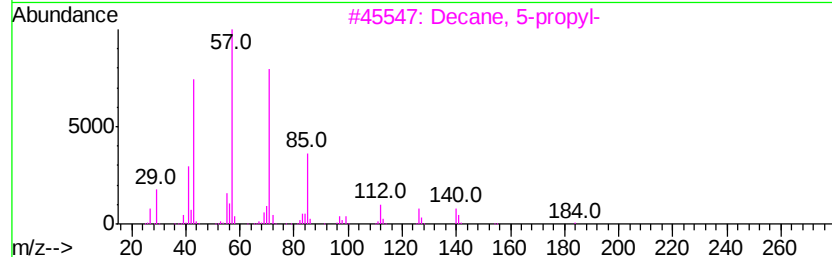
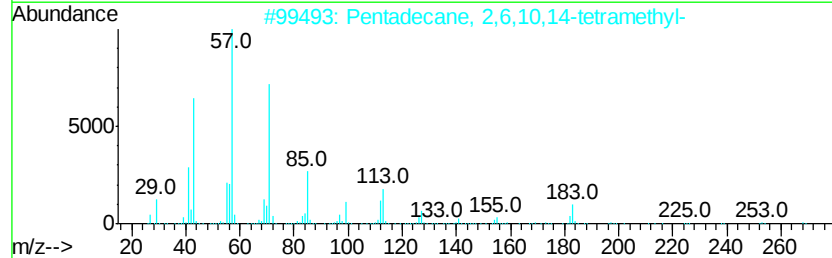
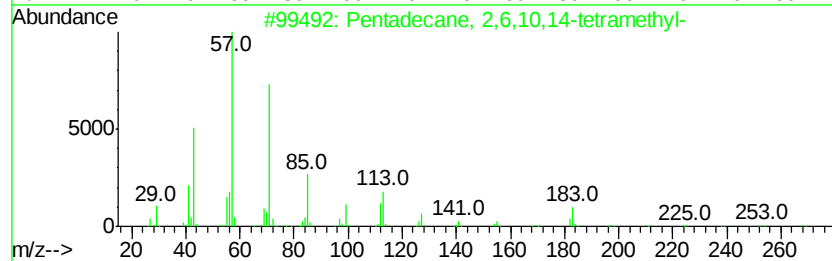
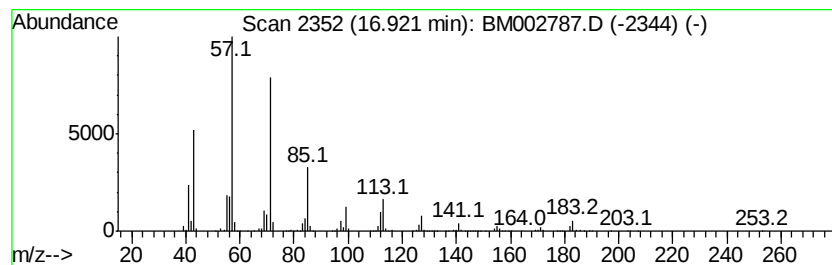
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	17.88 ng/ul	1203150	Phenanthrene-d10	18.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
3		Decane, 5-propyl-	184	C13H28	017312-62-8	87
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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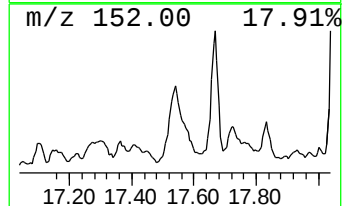
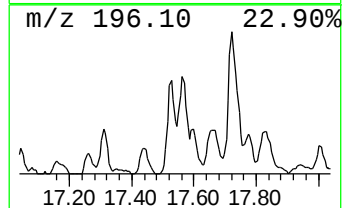
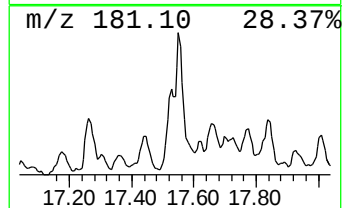
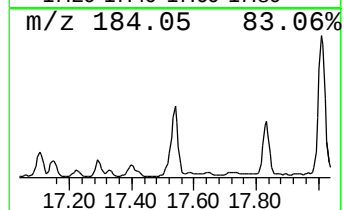
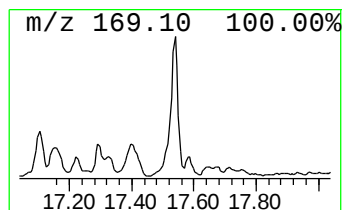
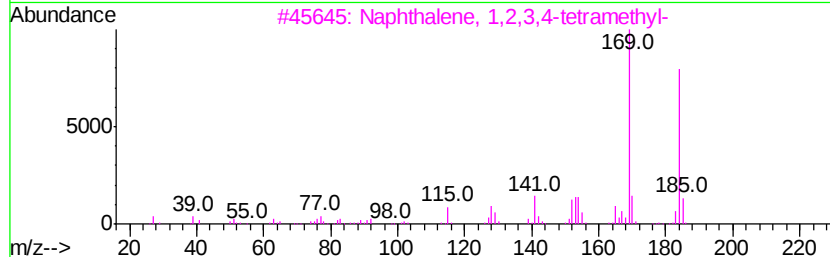
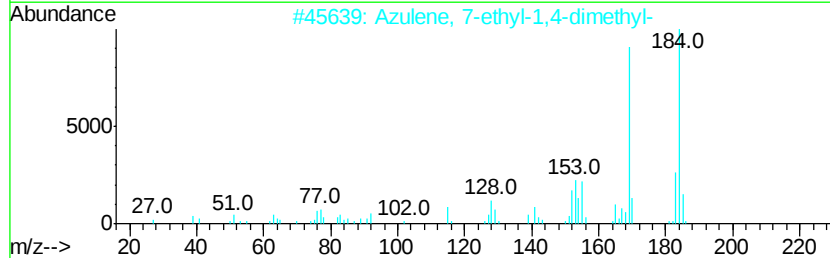
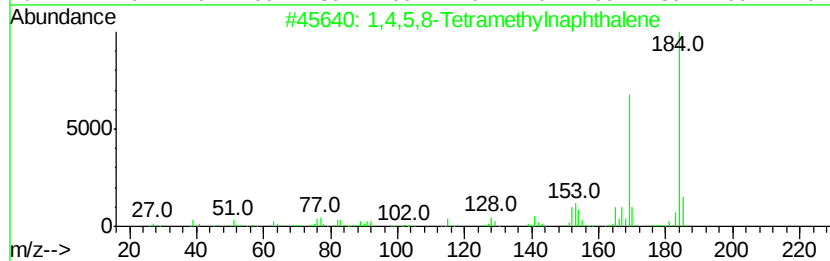
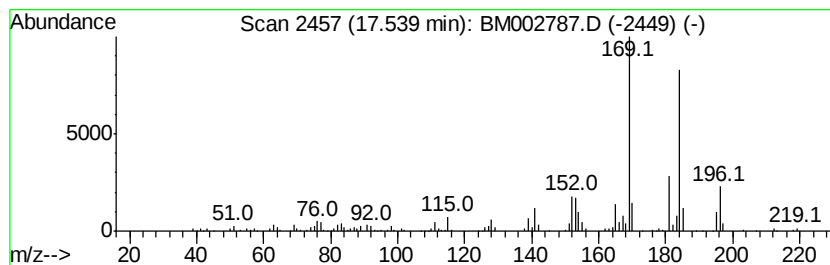
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 1,4,5,8-Tetramethylnaphthalene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	5.78 ng/ul	388614	Phenanthrene-d10	18.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	91
2			Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	90
3			Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	90
4			Naphthalene, 1-methyl-7-(1-methyl-...	184	C14H16	000490-65-3	76
5			Cyclopentene, 1,2-dimethyl-4-met...	184	C14H16	1000152-22-4	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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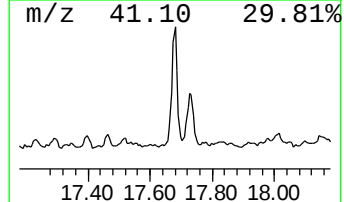
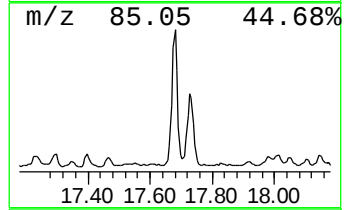
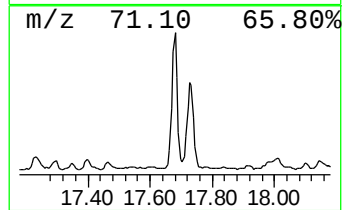
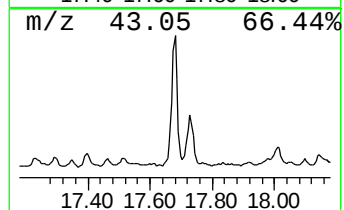
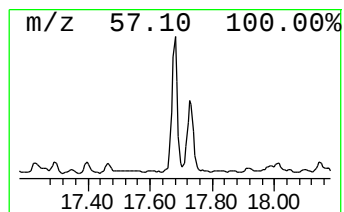
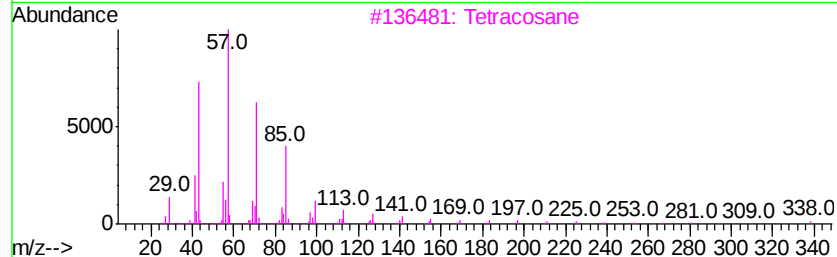
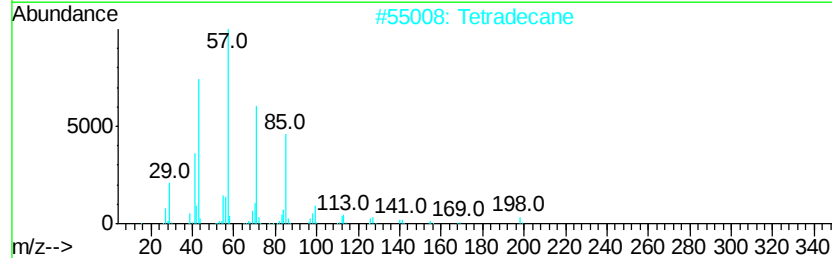
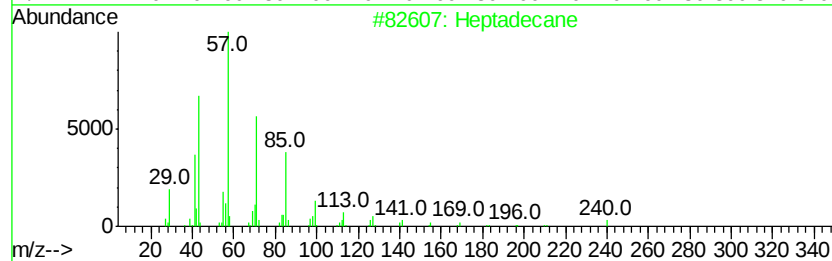
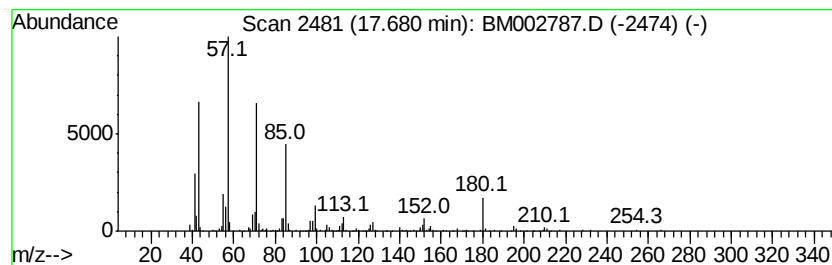
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.68	6.00 ng/ul	403747	Phenanthrene-d10	18.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptadecane	240	C17H36	000629-78-7	83
2			Tetradecane	198	C14H30	000629-59-4	83
3			Tetracosane	338	C24H50	000646-31-1	83
4			Tetradecane	198	C14H30	000629-59-4	83
5			Eicosane	282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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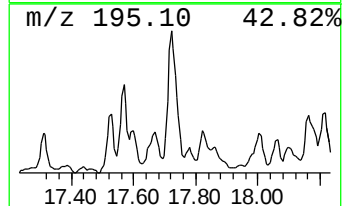
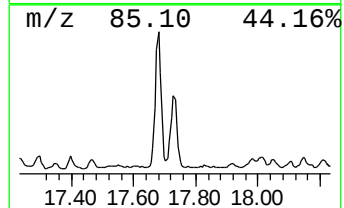
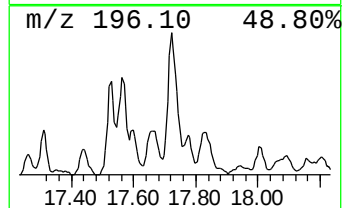
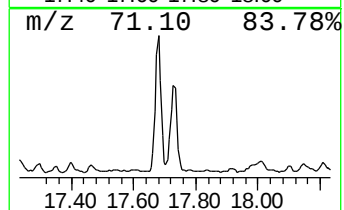
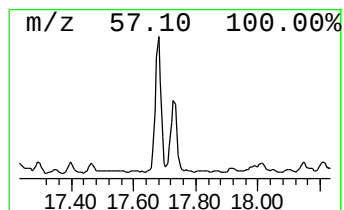
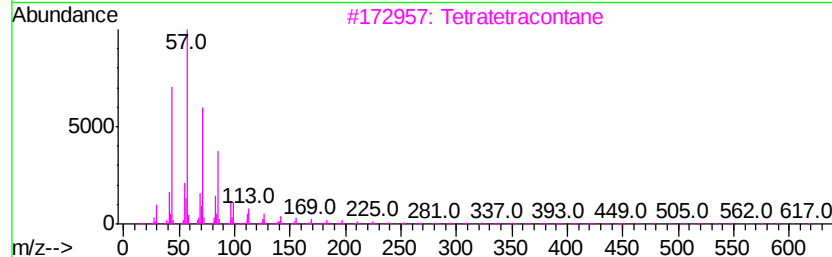
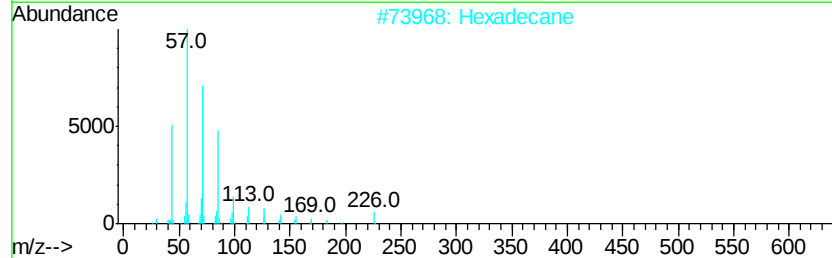
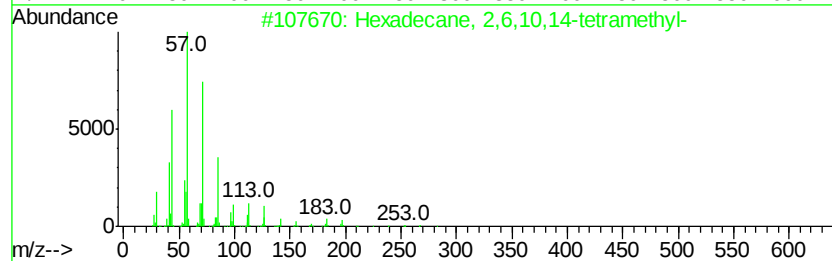
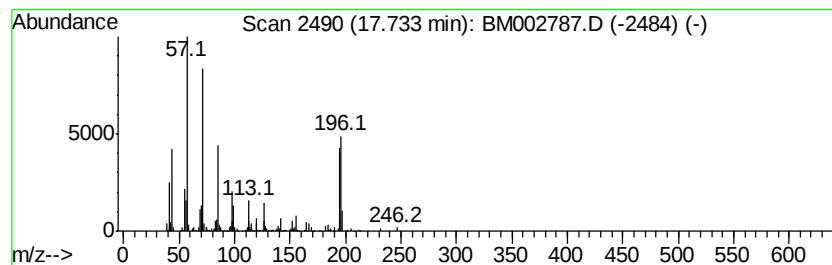
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	3.76 ng/ul	252998	Phenanthrene-d10	18.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	53
2			Hexadecane	226	C16H34	000544-76-3	49
3			Tetratetracontane	619	C44H90	007098-22-8	49
4			Heptacosane	380	C27H56	000593-49-7	46
5			Pentacosane	352	C25H52	000629-99-2	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
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Misc :
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Instrument :
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ClientSampleId :
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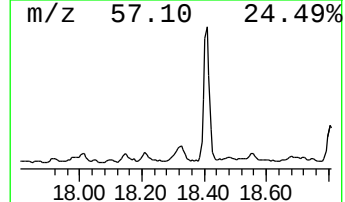
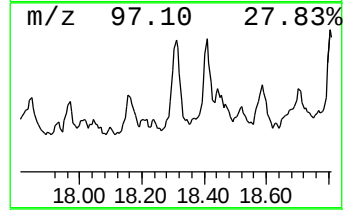
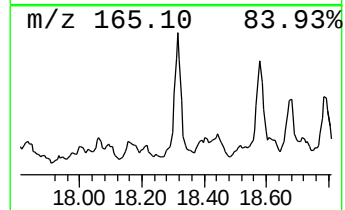
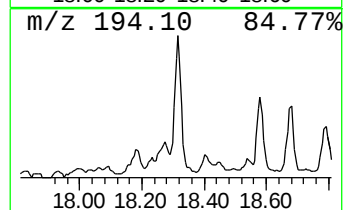
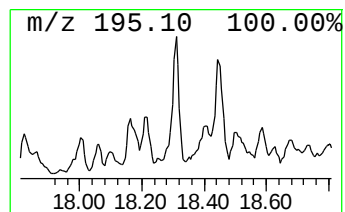
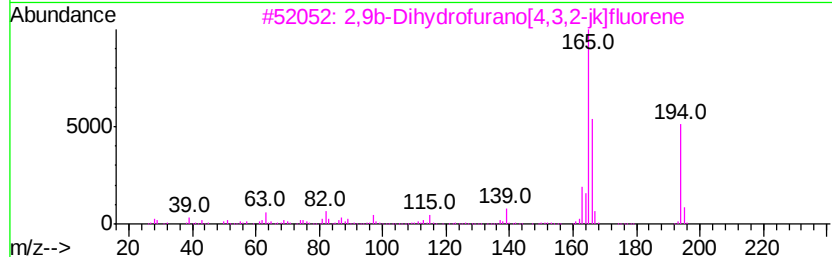
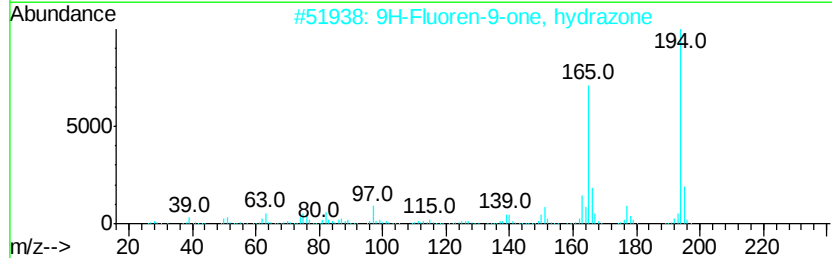
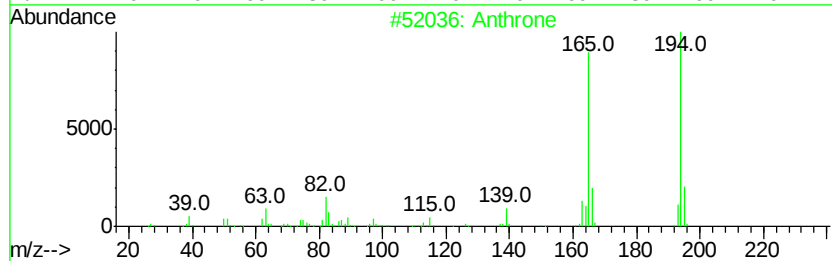
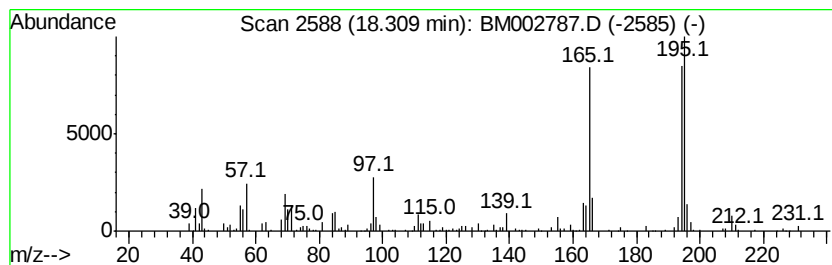
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Anthrone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.28 ng/ul	220621	Phenanthrene-d10	18.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthrone	194	C14H10O	000090-44-8	64
2		9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	62
3		2,9b-Dihydrofurano[4,3,2-ik]fluor...	194	C14H10O	204396-15-6	58
4		9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	58
5		Anthrone	194	C14H10O	000090-44-8	52



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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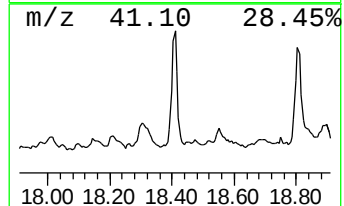
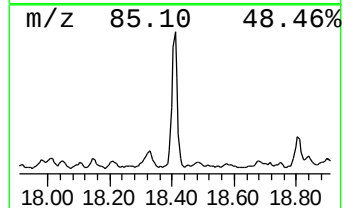
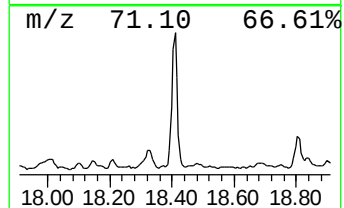
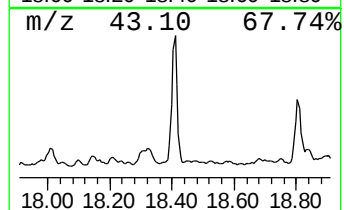
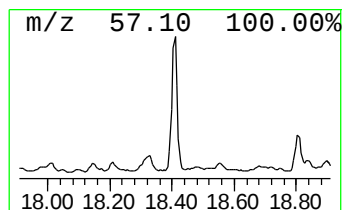
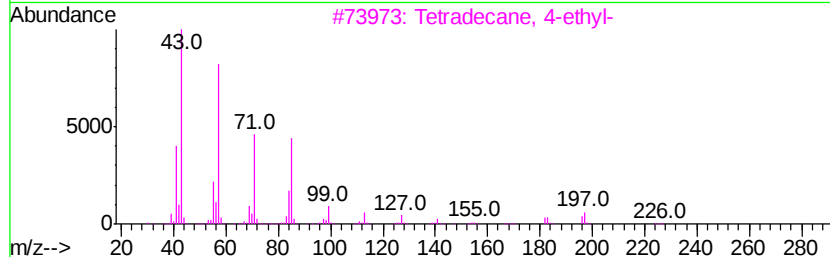
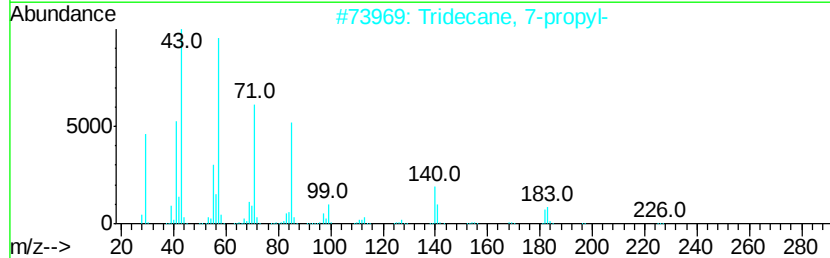
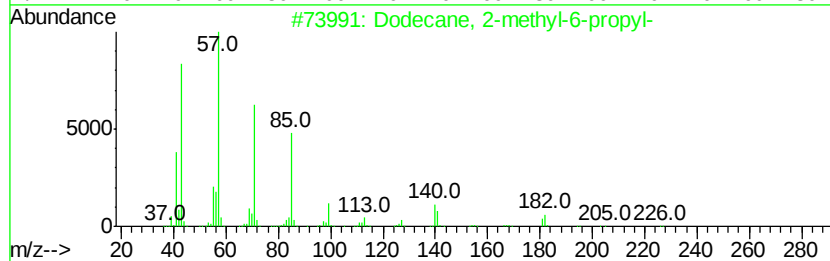
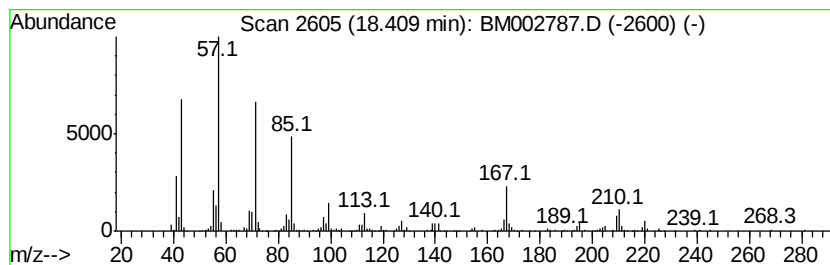
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	6.08 ng/ul	408929	Phenanthrene-d10	18.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
2		Tridecane, 7-propyl-	226	C16H34	055045-09-5	83
3		Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	70
4		Pentadecane	212	C15H32	000629-62-9	62
5		Octadecane	254	C18H38	000593-45-3	62



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX5

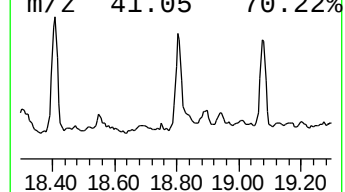
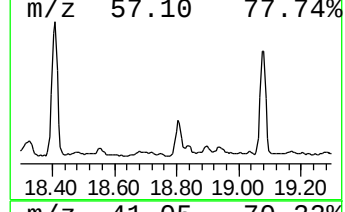
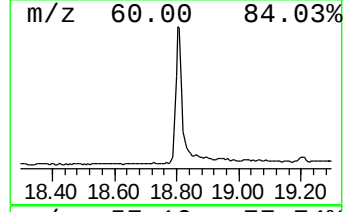
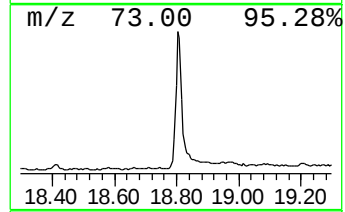
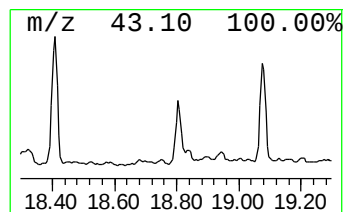
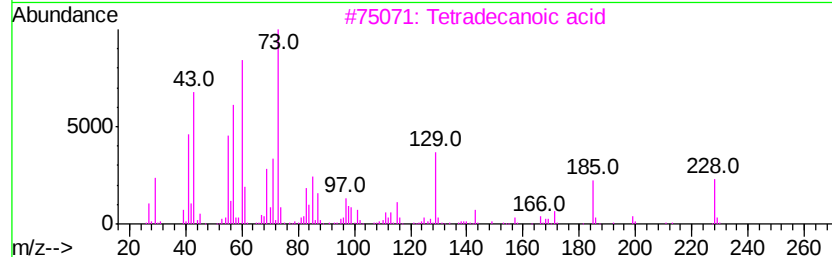
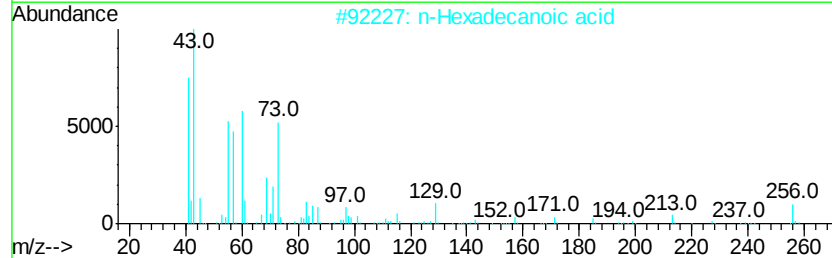
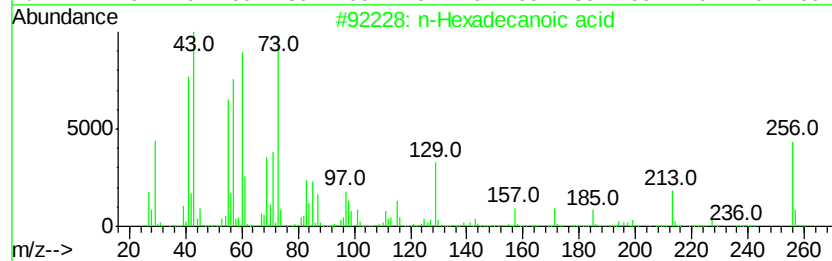
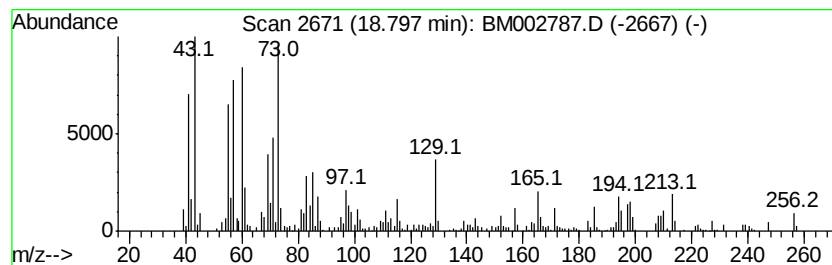
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	5.20 ng/ul	350087	Phenanthrene-d10	18.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4		Tridecanoic acid	214	C13H26O2	000638-53-9	81
5		Tridecanoic acid	214	C13H26O2	000638-53-9	81



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX5

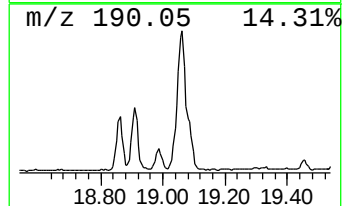
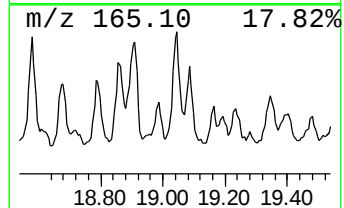
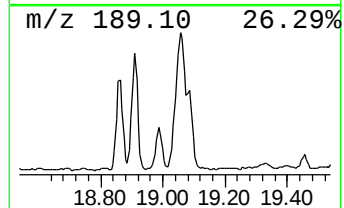
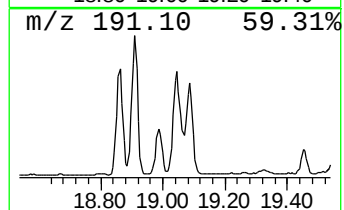
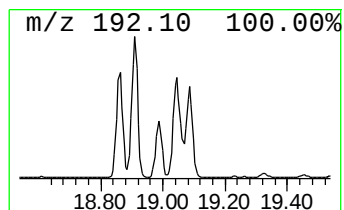
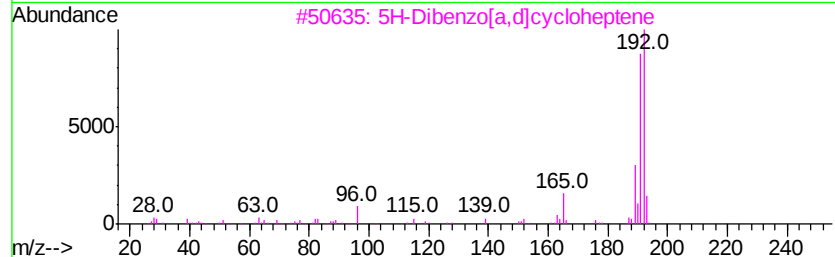
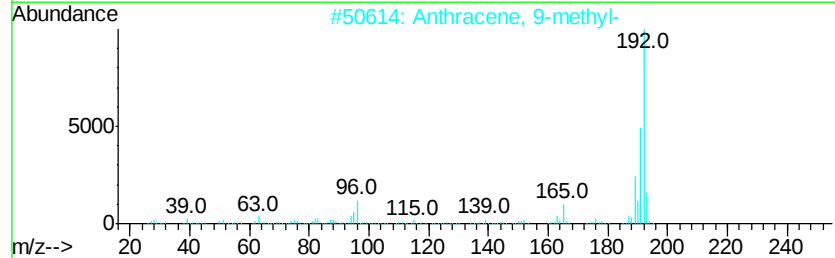
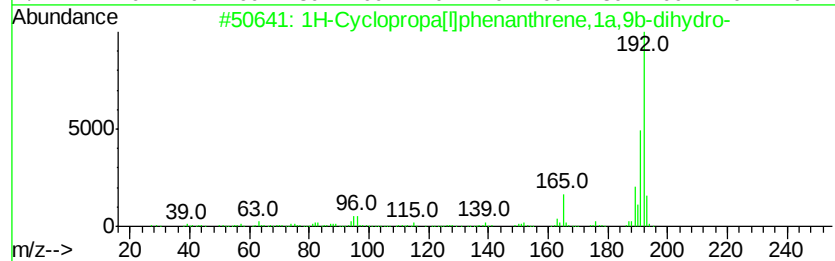
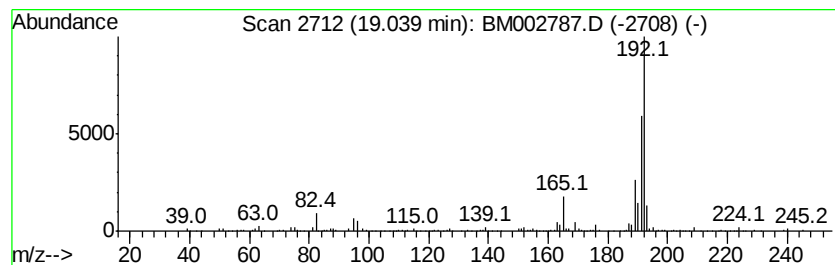
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	4.07 ng/ul	274043	Phenanthrene-d10	18.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX5

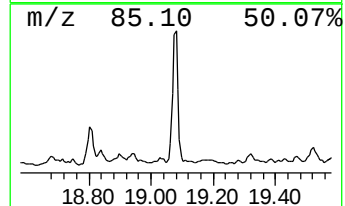
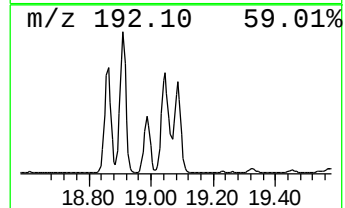
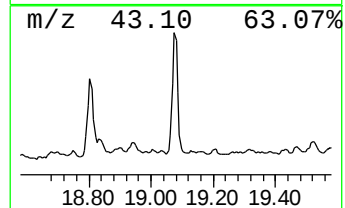
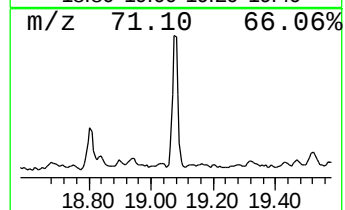
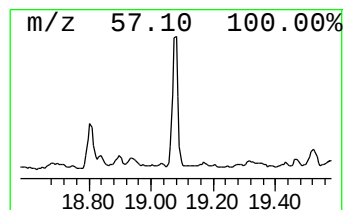
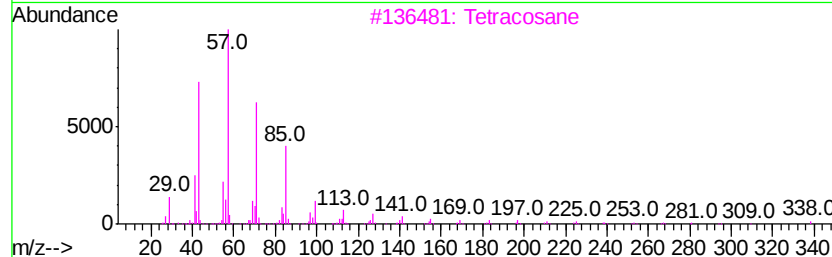
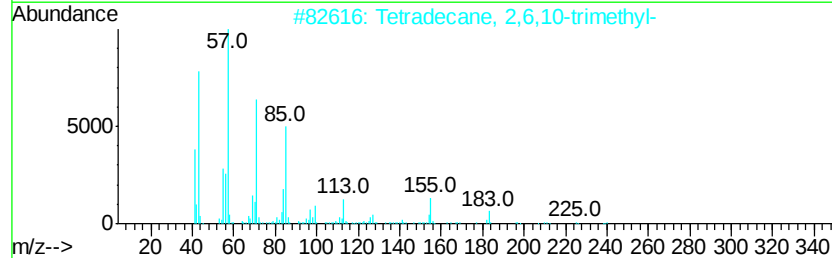
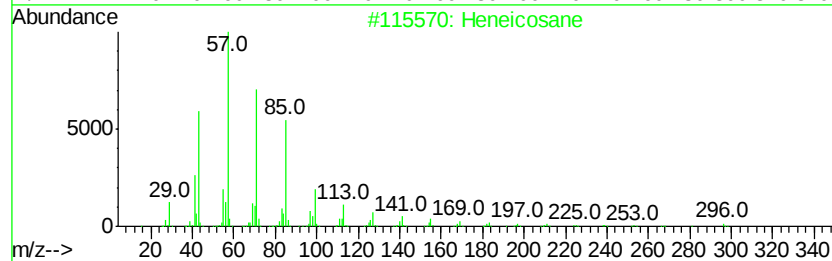
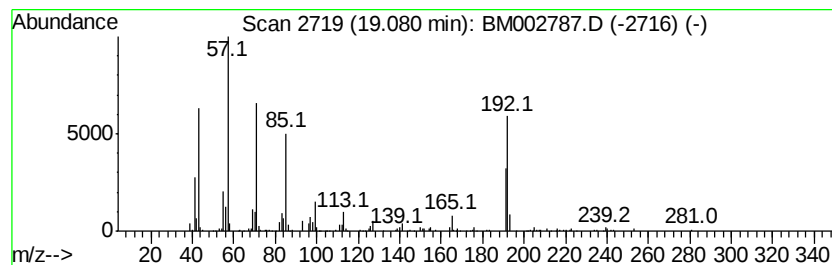
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Quant Title : SVOA CALIBRATION

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

Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	6.57 ng/ul	442167	Phenanthrene-d10	18.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	60
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	60
3			Tetracosane	338	C24H50	000646-31-1	53
4			Nonadecane	268	C19H40	000629-92-5	53
5			Tetradecane	198	C14H30	000629-59-4	49



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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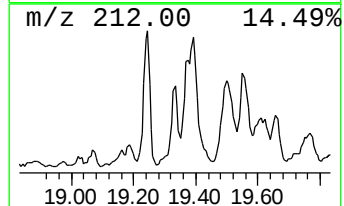
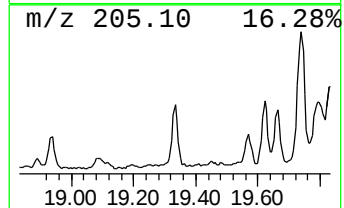
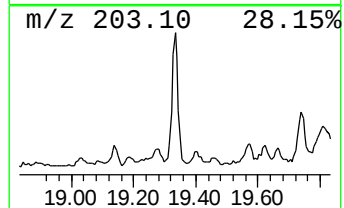
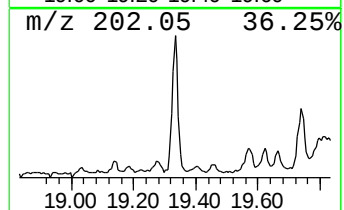
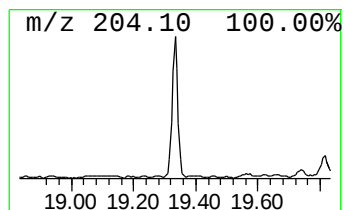
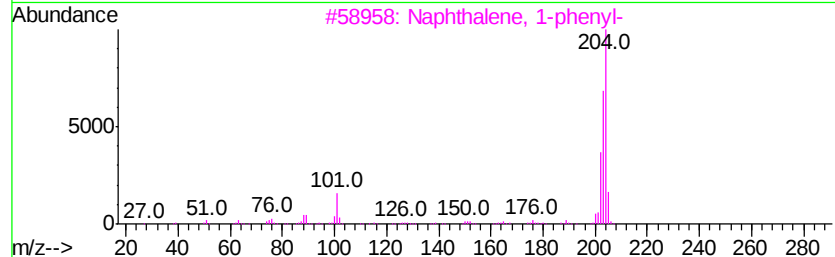
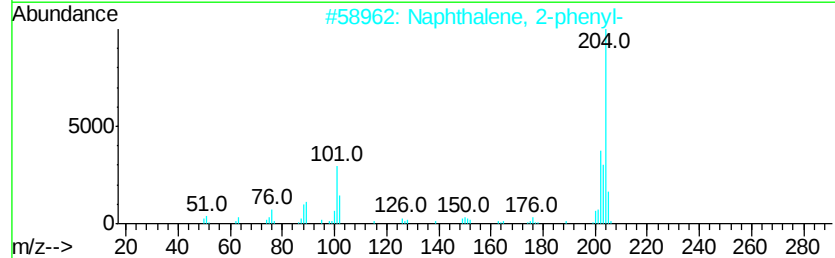
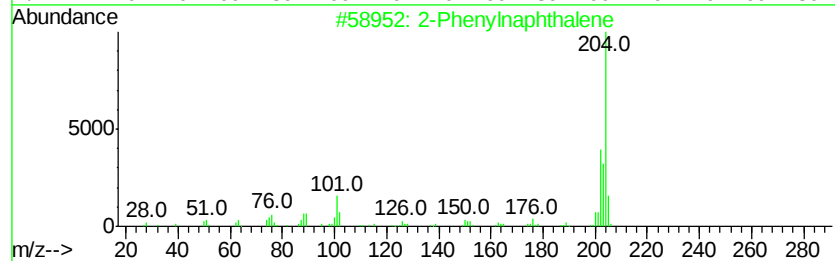
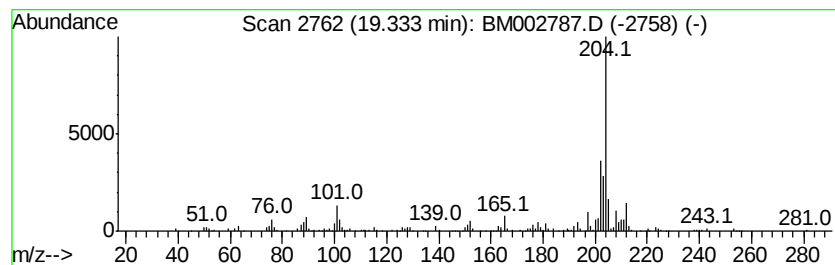
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 2-Phenylnaphthalene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.62 ng/ul	176180	Phenanthrene-d10	18.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
4		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	68
5		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
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Instrument :
BNA_M
ClientSampleId :
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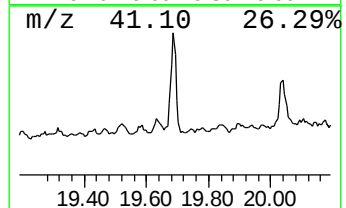
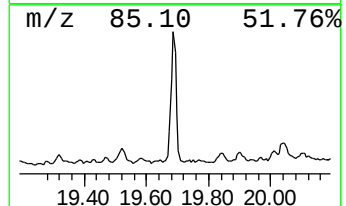
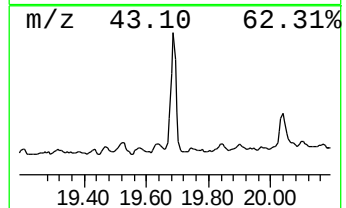
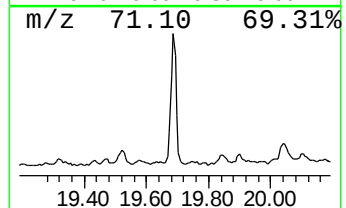
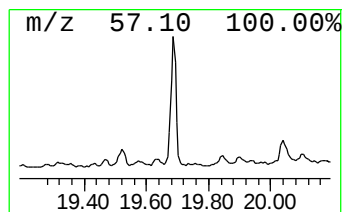
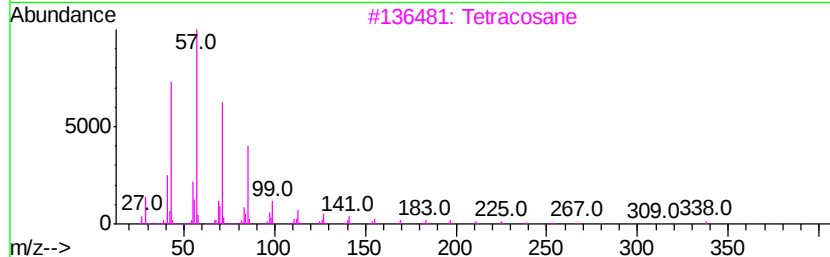
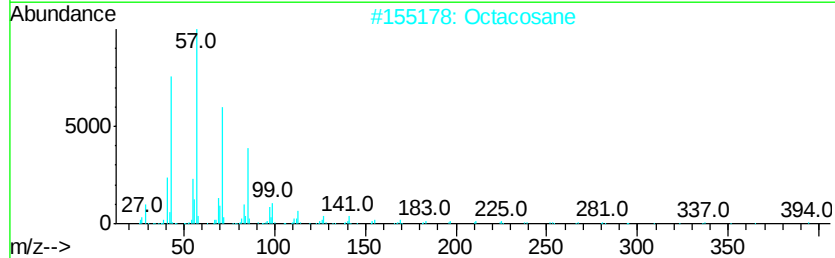
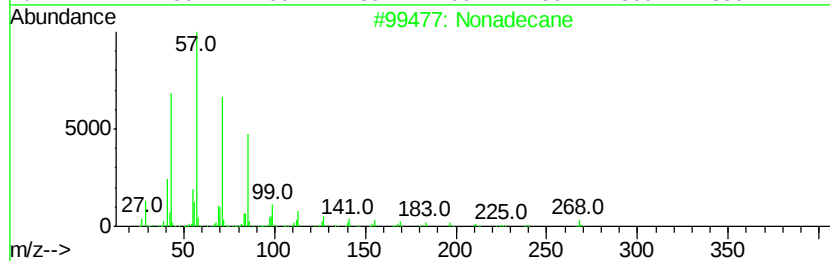
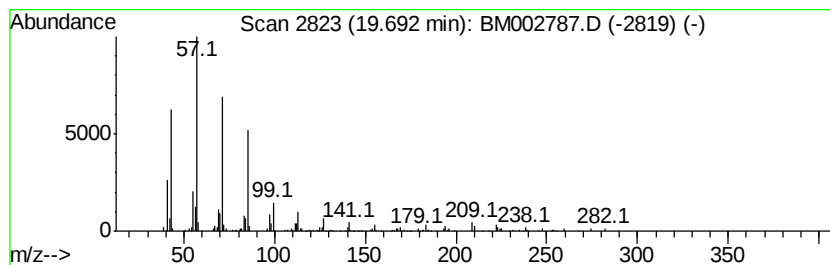
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.28 ng/ul	220678	Phenanthrene-d10	18.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	93
2			Octacosane	394	C28H58	000630-02-4	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Heneicosane	296	C21H44	000629-94-7	90
5			Octadecane	254	C18H38	000593-45-3	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
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Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampled :
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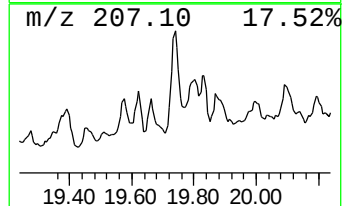
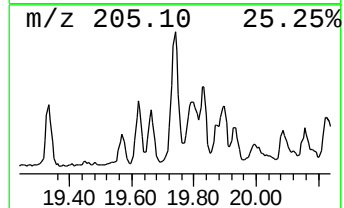
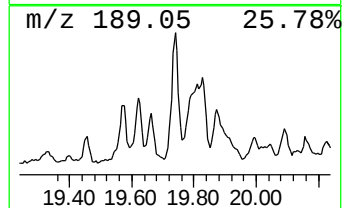
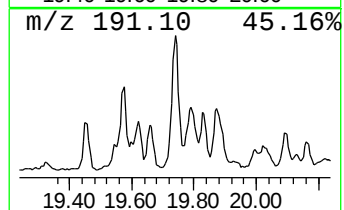
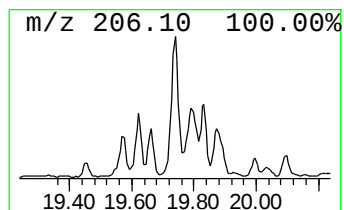
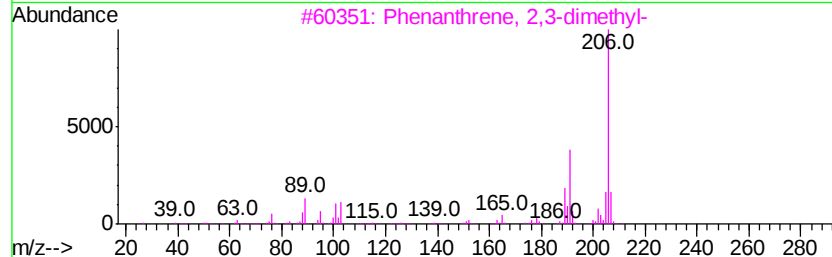
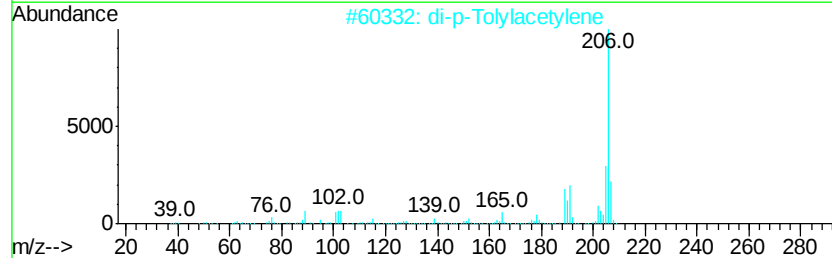
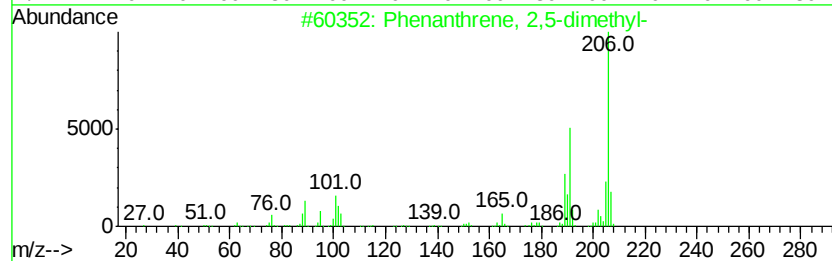
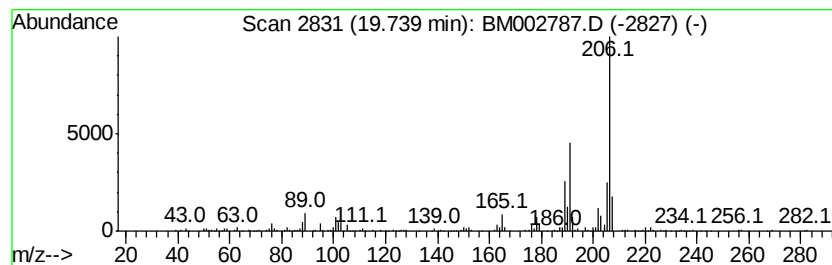
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 Phenanthrene, 2,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	3.37 ng/ul	226803	Phenanthrene-d10	18.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX5

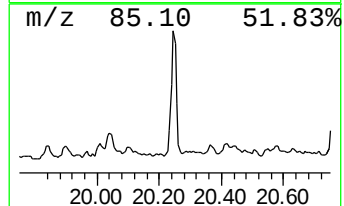
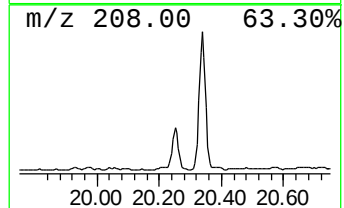
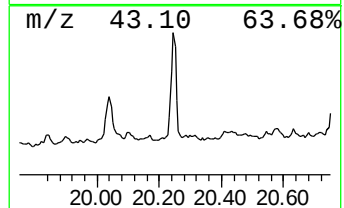
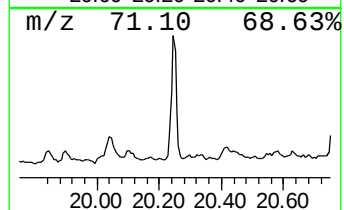
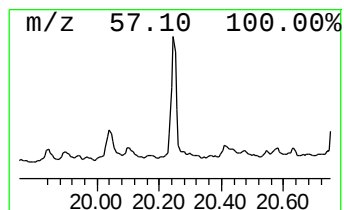
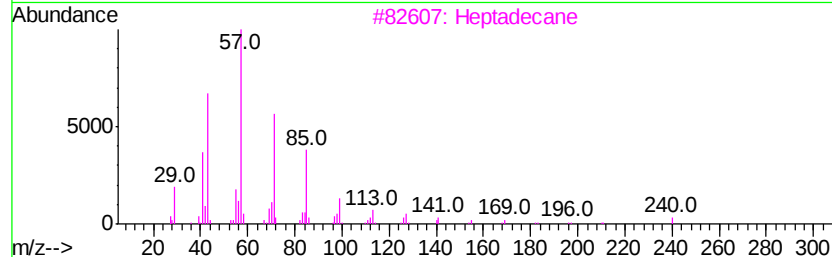
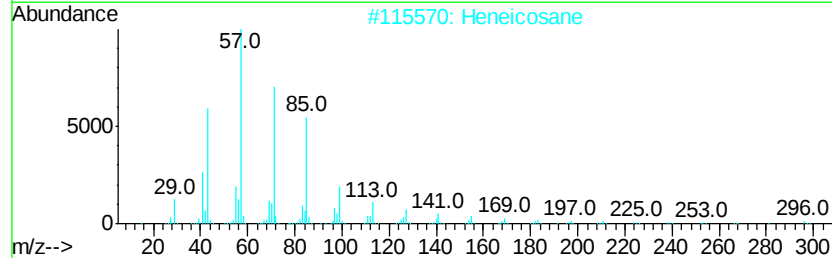
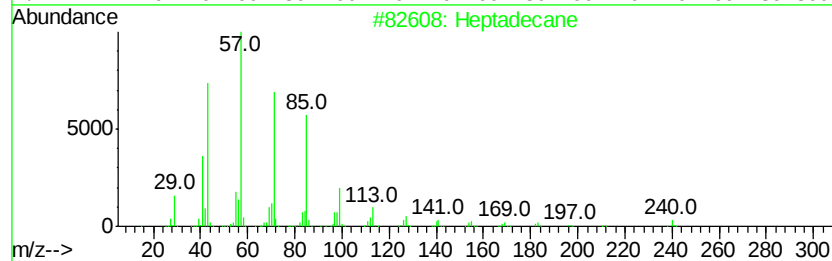
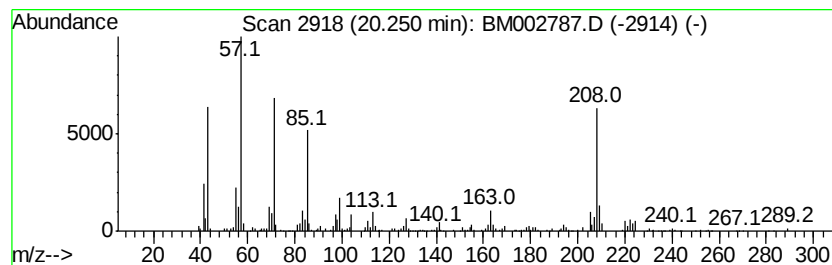
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.25	3.18 ng/ul	302711	Chrysene-d12	22.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	83
2		Heneicosane	296	C21H44	000629-94-7	46
3		Heptadecane	240	C17H36	000629-78-7	46
4		Heptadecane	240	C17H36	000629-78-7	46
5		Nonadecane	268	C19H40	000629-92-5	46



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX5

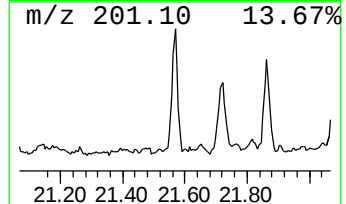
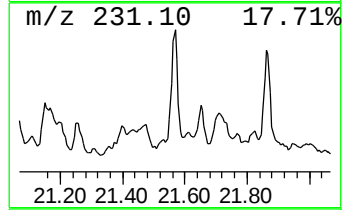
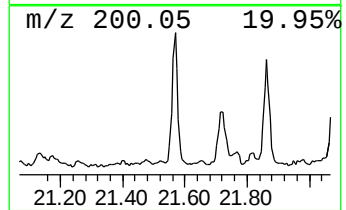
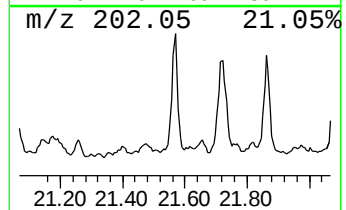
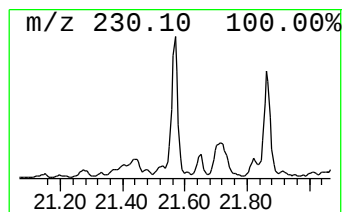
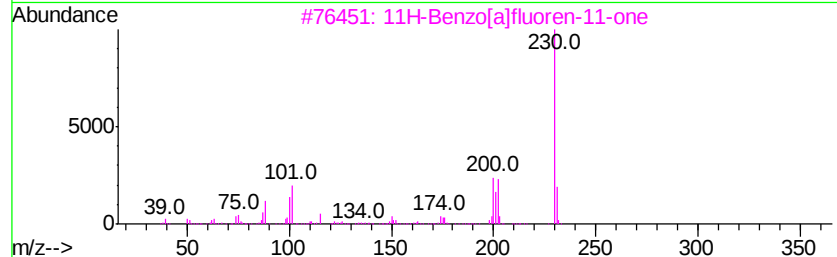
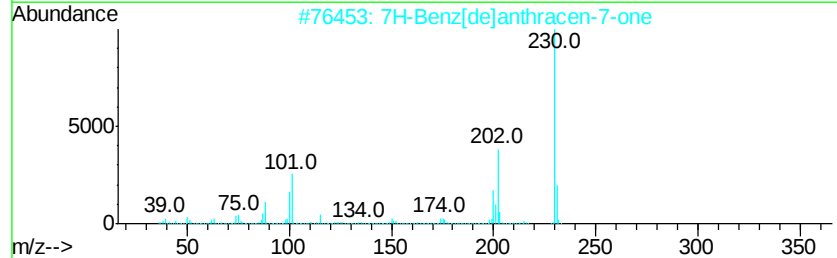
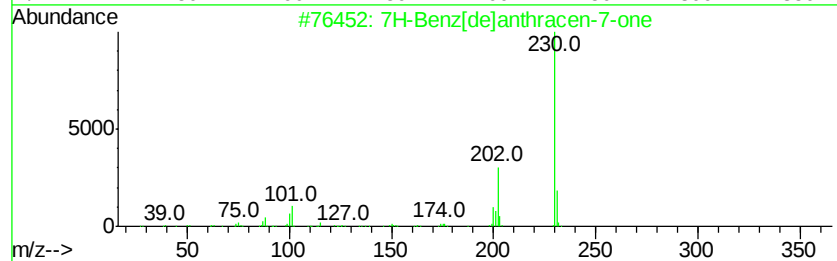
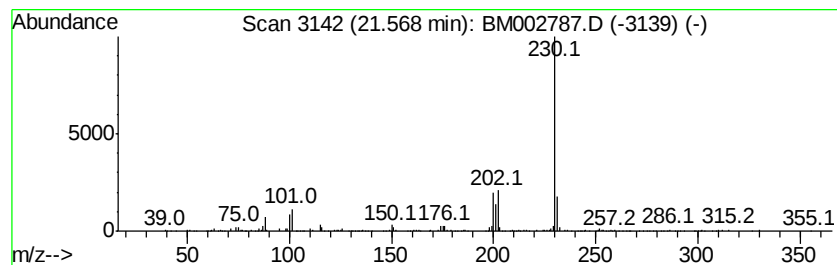
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Quant Title : SVOA CALIBRATION

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

Peak Number 41 7H-Benz[de]anthracen-7-one Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	2.16 ng/ul	205318	Chrysene-d12	22.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5		o-Terphenyl	230	C18H14	000084-15-1	59



Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002787.D
Acq On : 30 Sep 2015 18:21
Operator : UM/IZ
Sample : G3838-19
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E5MX5

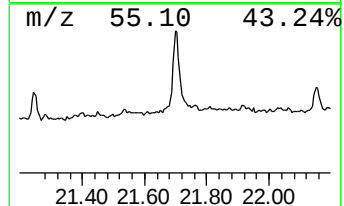
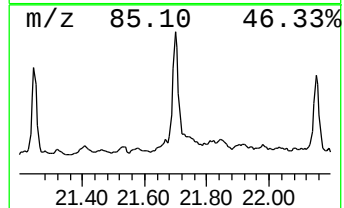
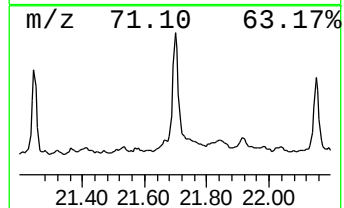
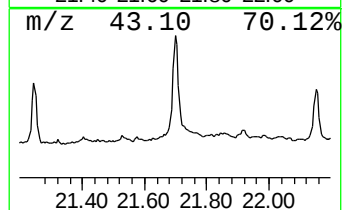
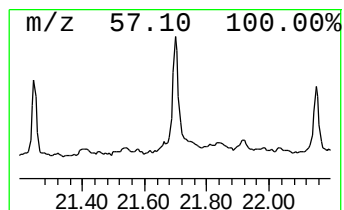
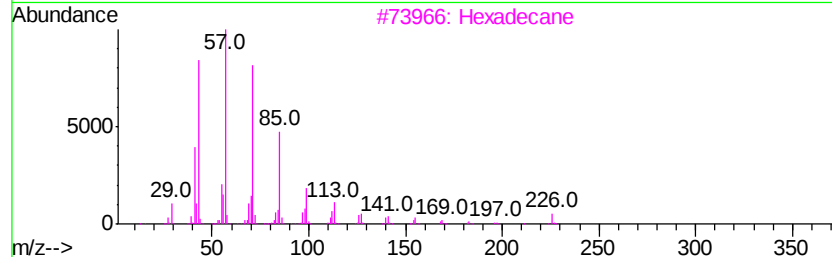
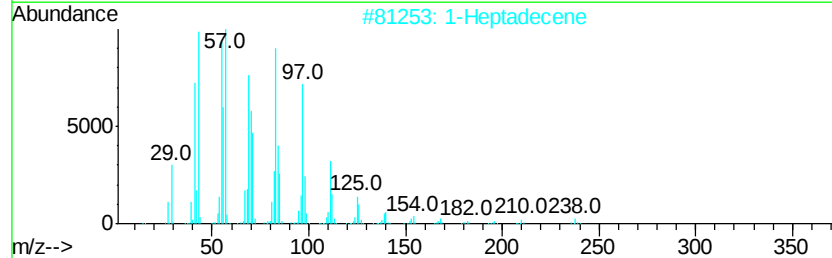
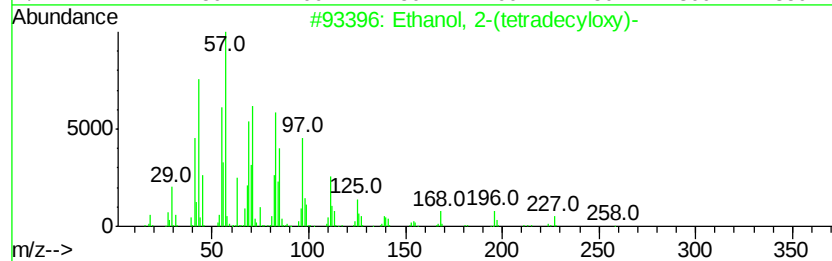
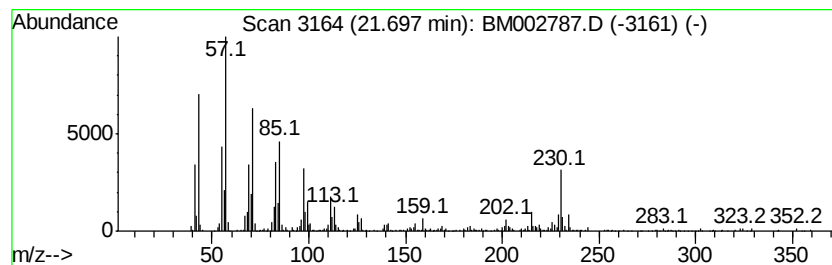
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION

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

Peak Number 42 Ethanol, 2-(tetradecyloxy)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.70	4.96 ng/ul	472076	Chrysene-d12	22.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
2		1-Heptadecene	238	C17H34	006765-39-5	74
3		Hexadecane	226	C16H34	000544-76-3	68
4		Hexadecane	226	C16H34	000544-76-3	68
5		1-Tricosene	322	C23H46	018835-32-0	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM092915\
 Data File : BM002787.D
 Acq On : 30 Sep 2015 18:21
 Operator : UM/IZ
 Sample : G3838-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E5MX5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM092915.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
3-Buten-2-one, 3-...	3.40	4.0	ng/ul	134799	1	8.70	673358	20.0
Butane, 2-methoxy...	3.45	89.3	ng/ul	3007280	1	8.70	673358	20.0
3-Penten-2-ol	3.51	3.0	ng/ul	100887	1	8.70	673358	20.0
unknown-01	4.37	3.5	ng/ul	118895	1	8.70	673358	20.0
(DEL) Alkane: Cyc...	5.73	2.8	ng/ul	92813	1	8.70	673358	20.0
Benzene, (1-methy...	7.11	2.9	ng/ul	98443	1	8.70	673358	20.0
(DEL) Alkane: Str...	11.46	2.5	ng/ul	130167	2	11.56	1030130	20.0
(DEL) Alkane: Str...	12.86	3.3	ng/ul	167394	2	11.56	1030130	20.0
(DEL) Alkane: Str...	14.07	3.9	ng/ul	262273	3	15.30	1339730	20.0
Naphthalene, 2,6-...	14.48	5.1	ng/ul	341084	3	15.30	1339730	20.0
Naphthalene, 1,4-...	14.62	5.4	ng/ul	361515	3	15.30	1339730	20.0
(DEL) Alkane: Str...	15.12	4.6	ng/ul	308376	3	15.30	1339730	20.0
1H-Inden-1-one, 2...	15.55	2.5	ng/ul	166184	3	15.30	1339730	20.0
Naphthalene, 1,4,...	15.74	3.6	ng/ul	242172	3	15.30	1339730	20.0
Naphthalene, 2,3,...	15.89	2.9	ng/ul	194225	3	15.30	1339730	20.0
(DEL) Alkane: Str...	16.05	8.3	ng/ul	558453	3	15.30	1339730	20.0
(DEL) Alkane: Str...	16.44	3.1	ng/ul	210317	3	15.30	1339730	20.0
Dibenzofuran, 4-m...	16.60	4.0	ng/ul	268445	3	15.30	1339730	20.0
(DEL) Alkane: Str...	16.92	17.9	ng/ul	1203150	4	18.01	1345690	20.0
1,4,5,8-Tetrameth...	17.54	5.8	ng/ul	388614	4	18.01	1345690	20.0
(DEL) Alkane: Str...	17.68	6.0	ng/ul	403747	4	18.01	1345690	20.0
(DEL) Alkane: Str...	17.73	3.8	ng/ul	252998	4	18.01	1345690	20.0
Anthrone	18.31	3.3	ng/ul	220621	4	18.01	1345690	20.0
(DEL) Alkane: Str...	18.41	6.1	ng/ul	408929	4	18.01	1345690	20.0
n-Hexadecanoic acid	18.80	5.2	ng/ul	350087	4	18.01	1345690	20.0
1H-Cyclopropa[l]p...	19.04	4.1	ng/ul	274043	4	18.01	1345690	20.0
(DEL) Alkane: Str...	19.08	6.6	ng/ul	442167	4	18.01	1345690	20.0
2-Phenylnaphthalene	19.33	2.6	ng/ul	176180	4	18.01	1345690	20.0
(DEL) Alkane: Str...	19.69	3.3	ng/ul	220678	4	18.01	1345690	20.0
Phenanthrene, 2,5...	19.74	3.4	ng/ul	226803	4	18.01	1345690	20.0
(DEL) Alkane: Str...	20.25	3.2	ng/ul	302711	5	22.10	1904460	20.0
7H-Benz[de]anthra...	21.57	2.2	ng/ul	205318	5	22.10	1904460	20.0
Ethanol, 2-(tetra...	21.70	5.0	ng/ul	472076	5	22.10	1904460	20.0