

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
 Data File : BM001003.D
 Acq On : 15 Apr 2015 02:46
 Operator : TP/IZ
 Sample : G1858-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P001-SD005-0006-01

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\SOM01.2-EPA-BM041415.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	2.734	3	8	17	rBV	2644603	4967602	73.01%	5.596%
2	2.816	17	22	28	rVB	5369579	6804130	100.00%	7.665%
3	3.358	111	114	122	rVV	35157	66498	0.98%	0.075%
4	3.499	134	138	143	rVB3	46532	68331	1.00%	0.077%
5	3.593	150	154	159	rVV	158573	199214	2.93%	0.224%
6	3.669	163	167	172	rVB	29464	40139	0.59%	0.045%
7	4.357	282	284	289	rVB6	30766	37339	0.55%	0.042%
8	4.710	339	344	349	rBV	119358	180186	2.65%	0.203%
9	6.287	605	612	616	rVB2	56502	97901	1.44%	0.110%
10	6.781	686	696	708	rVV	937101	1624198	23.87%	1.830%
11	6.940	716	723	734	rBV	811605	1242021	18.25%	1.399%
12	7.034	734	739	744	rVV	77276	116808	1.72%	0.132%
13	7.134	748	756	767	rBV	1006701	1572317	23.11%	1.771%
14	7.228	767	772	780	rVB2	53286	88782	1.30%	0.100%
15	7.334	782	790	799	rBV2	190231	327717	4.82%	0.369%
16	7.598	829	835	843	rVV	1497090	2354348	34.60%	2.652%
17	7.669	843	847	854	rVV2	52860	101113	1.49%	0.114%
18	7.822	867	873	882	rBV7	58013	119493	1.76%	0.135%
19	8.316	951	957	967	rVV	579751	979895	14.40%	1.104%
20	8.422	969	975	981	rVV	90677	142980	2.10%	0.161%
21	8.757	1024	1032	1039	rBV	867466	1440560	21.17%	1.623%
22	9.181	1099	1104	1108	rVB6	21891	39147	0.58%	0.044%
23	9.475	1141	1154	1161	rBV	698436	1161796	17.07%	1.309%
24	10.010	1239	1245	1261	rVB	980047	1652489	24.29%	1.862%
25	10.381	1298	1308	1315	rBV	1898279	3191641	46.91%	3.596%
26	10.428	1315	1316	1324	rVB3	34671	42040	0.62%	0.047%
27	10.528	1324	1333	1341	rBV	752625	1348201	19.81%	1.519%
28	11.033	1412	1419	1423	rBV3	32541	64045	0.94%	0.072%
29	11.481	1488	1495	1502	rVB9	28699	58777	0.86%	0.066%
30	11.710	1528	1534	1540	rBV	224396	360652	5.30%	0.406%
31	11.975	1576	1579	1584	rBV5	24592	41357	0.61%	0.047%
32	12.057	1588	1593	1599	rBV6	19670	35477	0.52%	0.040%
33	12.598	1680	1685	1693	rVB3	96372	164660	2.42%	0.185%
34	12.857	1724	1729	1736	rVB	156919	237664	3.49%	0.268%

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Integrator: RTE
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35	13.151	1771	1779	1784	rVV	125690	243366	3.58%	0.274%
36	13.598	1848	1855	1859	rVV9	27208	58956	0.87%	0.066%
37	13.669	1862	1867	1872	rVV	1701848	2374187	34.89%	2.675%
38	13.716	1872	1875	1882	rVB	519895	697095	10.25%	0.785%
39	13.945	1905	1914	1925	rBV	2057412	3094877	45.49%	3.487%
40	14.257	1961	1967	1975	rVV2	2477190	3745883	55.05%	4.220%
41	14.316	1975	1977	1985	rVV5	55862	96203	1.41%	0.108%
42	14.469	1997	2003	2010	rBV	458578	843385	12.40%	0.950%
43	14.533	2010	2014	2021	rVB6	54055	109042	1.60%	0.123%
44	14.616	2026	2028	2032	rVV5	28518	37986	0.56%	0.043%
45	14.686	2037	2040	2046	rVB6	78405	107645	1.58%	0.121%
46	15.033	2095	2099	2105	rBV	35012	52976	0.78%	0.060%
47	15.257	2130	2137	2143	rBV	2574193	3722241	54.71%	4.193%
48	15.316	2143	2147	2152	rVB3	78223	120238	1.77%	0.135%
49	15.380	2152	2158	2171	rBV2	574583	884329	13.00%	0.996%
50	15.492	2174	2177	2182	rVB6	32728	44478	0.65%	0.050%
51	15.621	2189	2199	2209	rBV	1344834	1942004	28.54%	2.188%
52	15.757	2218	2222	2228	rVB5	25887	52495	0.77%	0.059%
53	15.839	2233	2236	2240	rVB5	25286	36962	0.54%	0.042%
54	16.251	2302	2306	2311	rBV	52305	72170	1.06%	0.081%
55	16.345	2311	2322	2327	rBV	288289	521979	7.67%	0.588%
56	16.398	2327	2331	2333	rBV3	49087	72669	1.07%	0.082%
57	16.427	2333	2336	2339	rVB	56857	63186	0.93%	0.071%
58	16.551	2353	2357	2361	rBV3	108435	170334	2.50%	0.192%
59	16.863	2406	2410	2418	rVB	135099	179760	2.64%	0.203%
60	17.004	2424	2434	2438	rBV	3078444	4266997	62.71%	4.807%
61	17.045	2438	2441	2445	rVV	504679	675694	9.93%	0.761%
62	17.104	2445	2451	2463	rVB	2779700	3938834	57.89%	4.437%
63	17.204	2463	2468	2473	rVB8	45394	79981	1.18%	0.090%
64	17.274	2473	2480	2486	rBV	365508	608160	8.94%	0.685%
65	17.392	2496	2500	2503	rVV5	56588	74864	1.10%	0.084%
66	17.451	2503	2510	2512	rBV8	39863	78365	1.15%	0.088%
67	17.680	2543	2549	2553	rBV	172481	250434	3.68%	0.282%
68	17.780	2562	2566	2572	rBV9	24524	46474	0.68%	0.052%
69	17.910	2583	2588	2597	rVB2	311890	591670	8.70%	0.667%
70	18.004	2602	2604	2610	rVB2	33168	40602	0.60%	0.046%
71	18.074	2612	2616	2620	rVV3	118917	203661	2.99%	0.229%

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72	18.110	2620	2622	2626	rVB3	54123	61564	0.90%	0.069%
73	18.192	2632	2636	2641	rBV7	27590	47719	0.70%	0.054%
74	18.386	2665	2669	2672	rBV2	49934	75741	1.11%	0.085%
75	18.768	2731	2734	2736	rBV2	88611	112807	1.66%	0.127%
76	18.798	2736	2739	2740	rBV	106633	101206	1.49%	0.114%
77	19.068	2780	2785	2789	rBV	886728	1188872	17.47%	1.339%
78	19.192	2803	2806	2809	rBV3	106095	133195	1.96%	0.150%
79	19.298	2821	2824	2826	rBV4	31687	41802	0.61%	0.047%
80	19.404	2836	2842	2846	rBV	3575962	5066941	74.47%	5.708%
81	19.604	2872	2876	2883	rVB3	60120	125996	1.85%	0.142%
82	19.762	2899	2903	2910	rVB4	65250	135906	2.00%	0.153%
83	19.827	2910	2914	2918	rBV3	92860	132802	1.95%	0.150%
84	19.933	2928	2932	2935	rBV2	135946	189333	2.78%	0.213%
85	20.033	2945	2949	2953	rVB	92391	114575	1.68%	0.129%
86	20.086	2954	2958	2963	rVV4	116084	167623	2.46%	0.189%
87	20.286	2988	2992	2996	rBV2	184888	224577	3.30%	0.253%
88	20.333	2998	3000	3005	rVB6	46768	45751	0.67%	0.052%
89	20.451	3017	3020	3024	rBV4	73894	87033	1.28%	0.098%
90	20.886	3091	3094	3095	rBV3	72402	87208	1.28%	0.098%
91	20.909	3095	3098	3106	rVV	1898695	2470405	36.31%	2.783%
92	21.198	3140	3147	3151	rBV	4029252	5401808	79.39%	6.085%
93	21.233	3151	3153	3161	rVB	326621	394328	5.80%	0.444%
94	21.315	3164	3167	3170	rBV3	133982	157515	2.31%	0.177%
95	21.350	3171	3173	3178	rVB	133623	138361	2.03%	0.156%
96	21.792	3242	3248	3251	rBV4	129780	285955	4.20%	0.322%
97	22.721	3401	3406	3412	rBV3	231435	582482	8.56%	0.656%
98	23.239	3488	3494	3508	rVB2	2406254	4744893	69.74%	5.345%
99	23.374	3510	3517	3524	rBV2	2564121	4751341	69.83%	5.353%
100	23.956	3612	3616	3625	rVB3	278273	528645	7.77%	0.596%

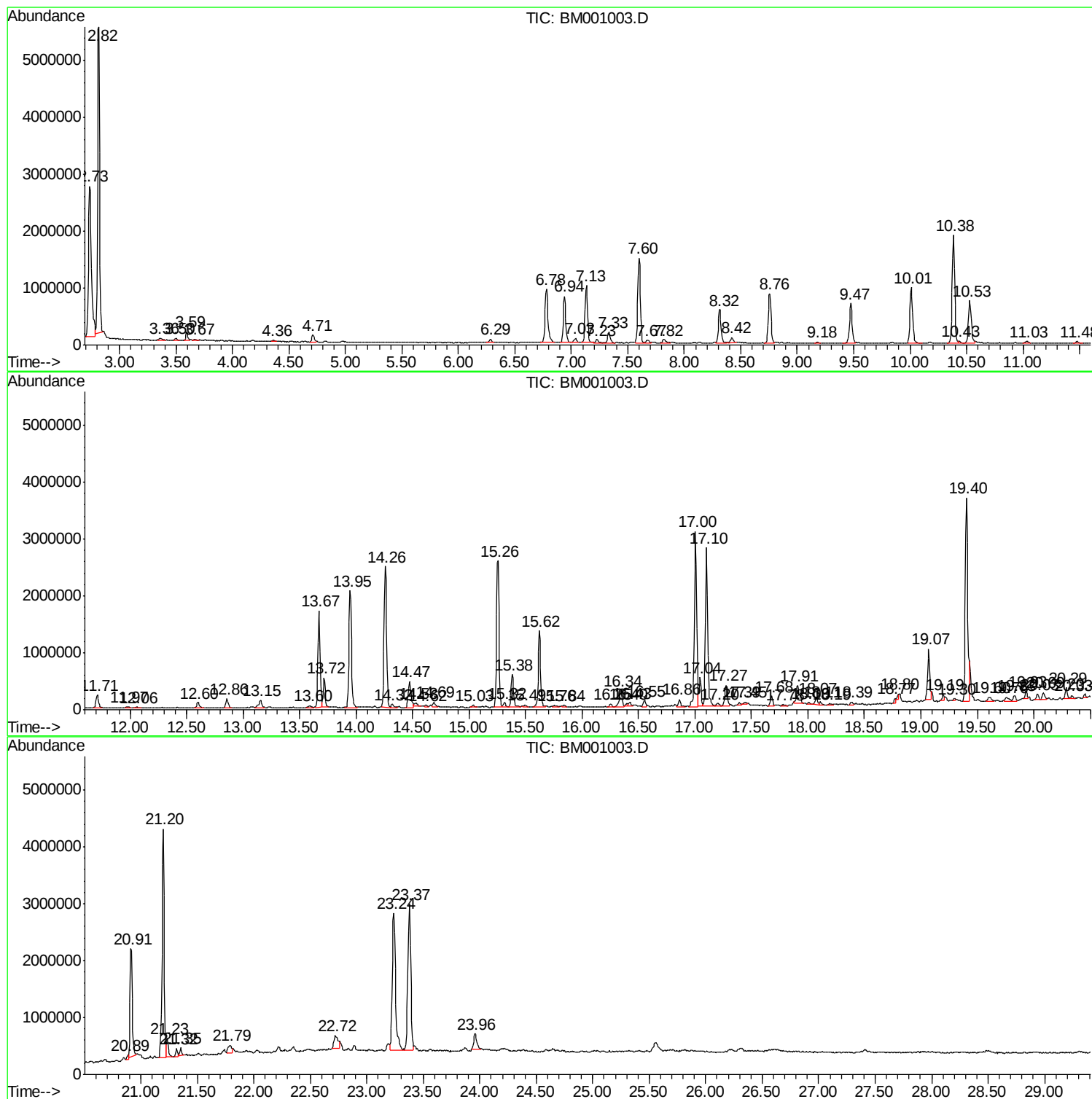
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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



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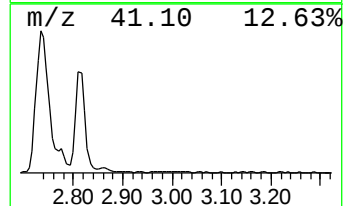
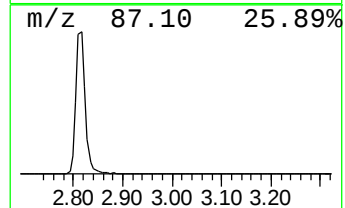
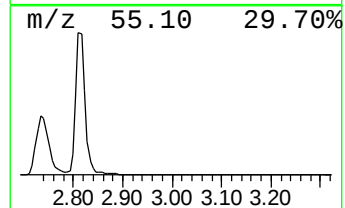
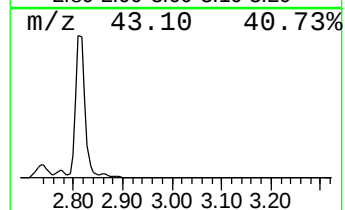
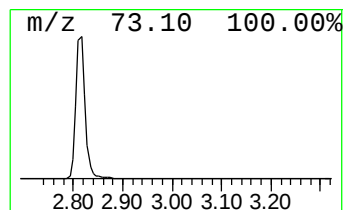
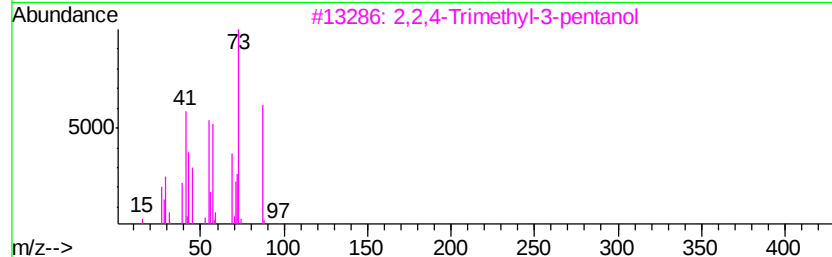
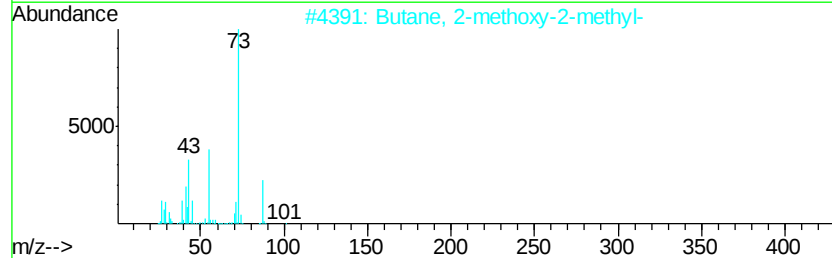
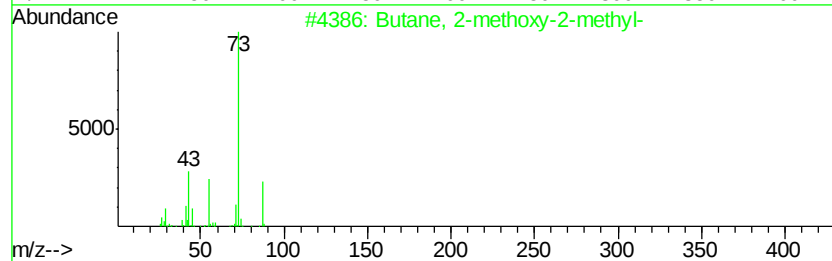
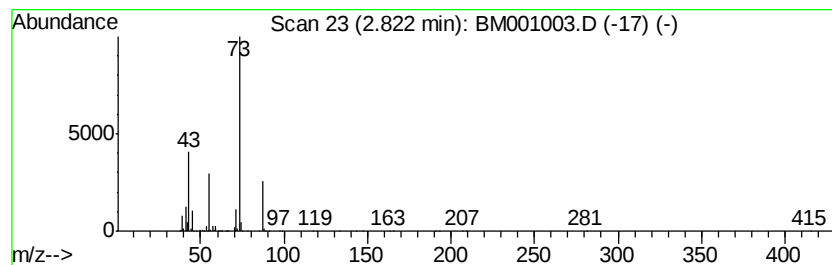
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	57.80 ng/ul	6804130	1,4-Dichlorobenzene-d4	7.60
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102 C6H14O	000994-05-8	56
3	2,2,4-Trimethyl-3-pentanol	130 C8H18O	005162-48-1	39
4	3-Pentanol, 2,4-dimethyl-	116 C7H16O	000600-36-2	37
5	Silane, tetramethyl-	88 C4H12Si	000075-76-3	35



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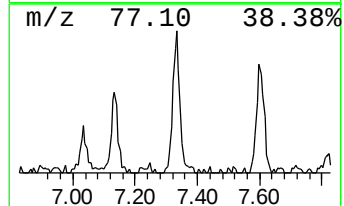
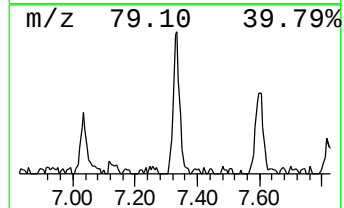
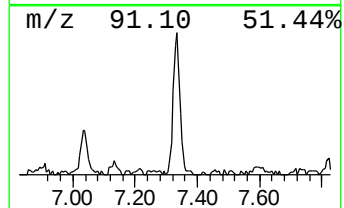
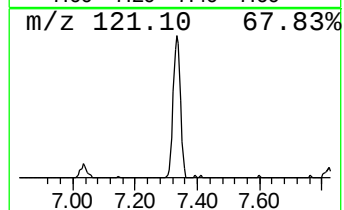
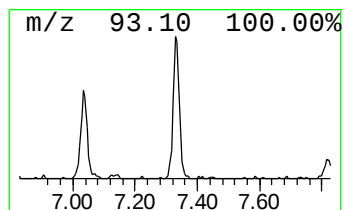
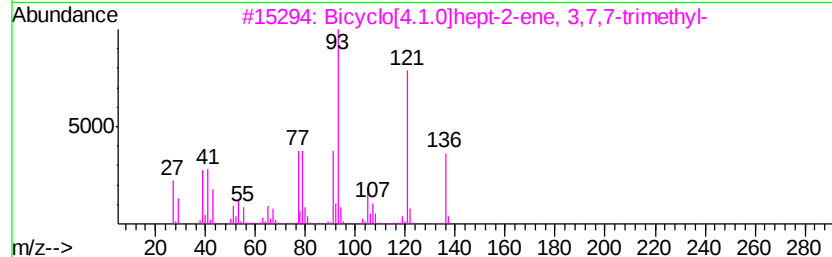
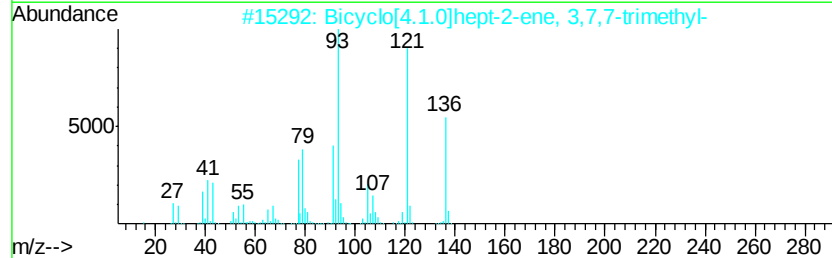
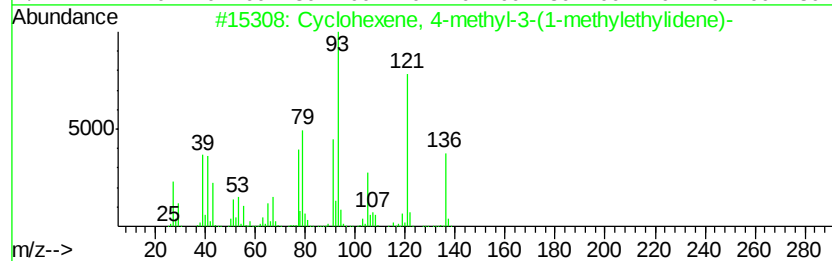
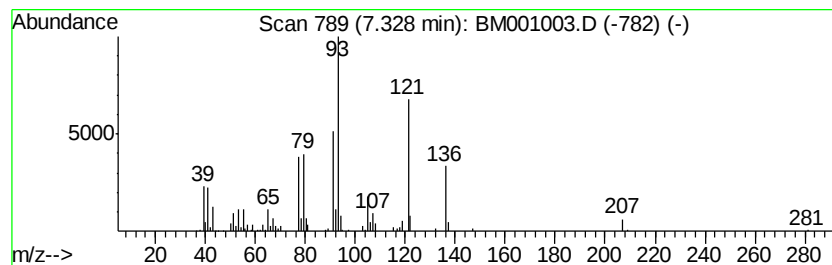
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Cyclohexene, 4-methyl-3-(1-... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	2.78 ng/ul	327717	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 4-methyl-3-(1-methy...	136	C10H16	099805-90-0	97
2		Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	000554-61-0	94
3		Bicyclo[4.1.0]hept-2-ene, 3,7,7-...	136	C10H16	000554-61-0	93
4		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	93
5		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	93



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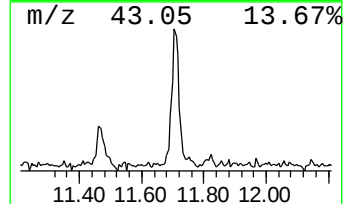
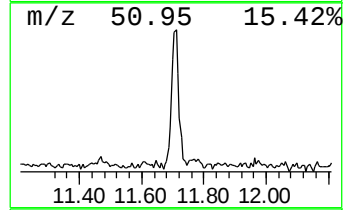
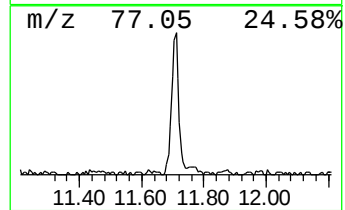
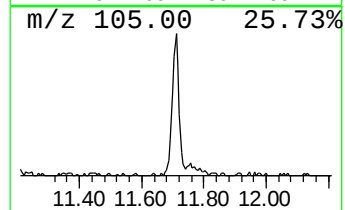
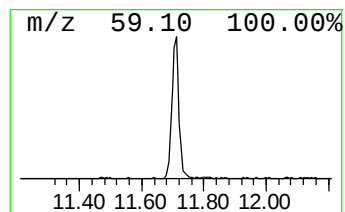
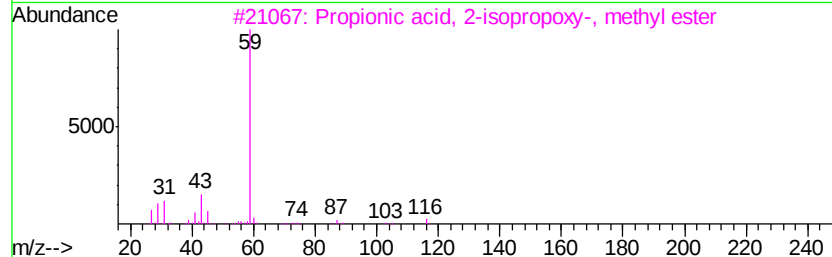
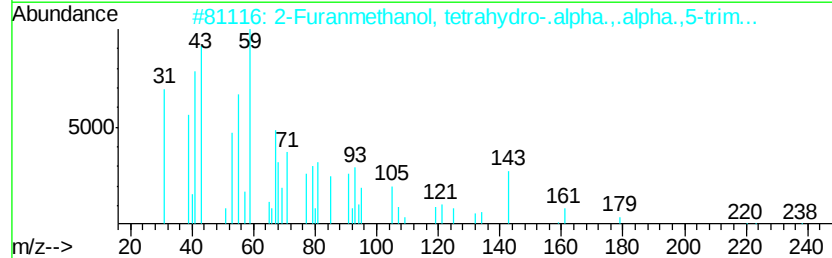
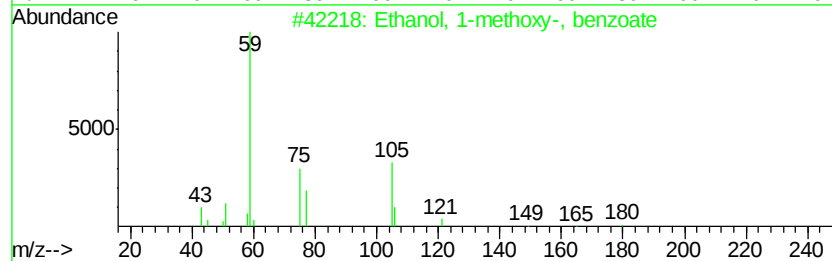
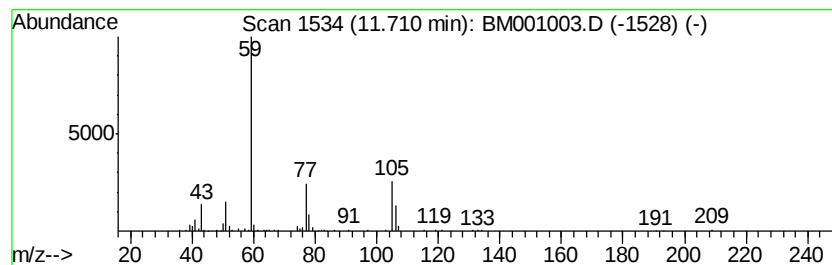
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 1-methoxy-, benzoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.26 ng/ul	360652	Naphthalene-d8	10.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
2		2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	32
3		Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	23
4		Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	10
5		Propanoic acid, 2-methoxy-, meth...	118	C5H10O3	017639-76-8	9



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM001003.D
Acq On : 15 Apr 2015 02:46
Operator : TP/IZ
Sample : G1858-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD005-0006-01

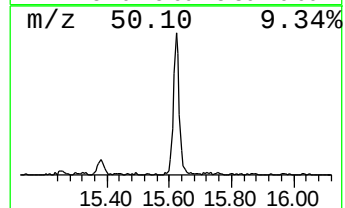
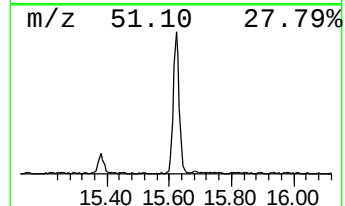
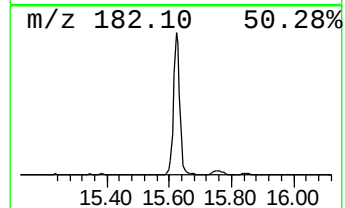
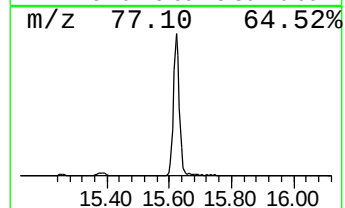
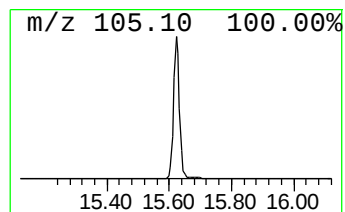
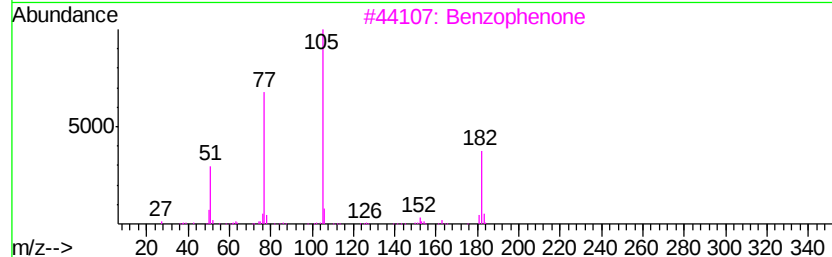
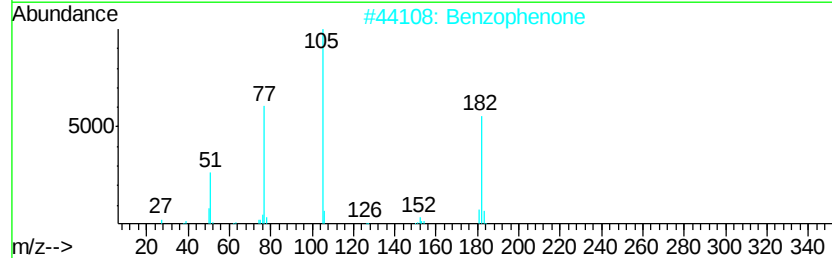
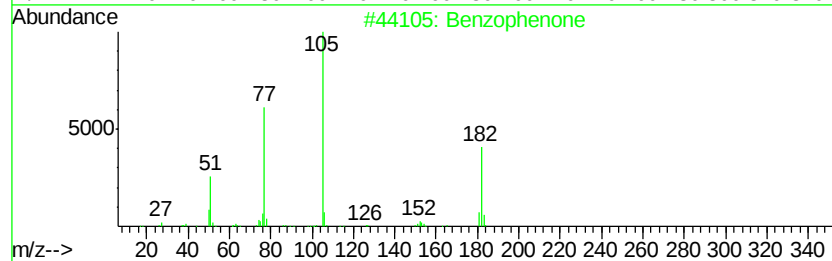
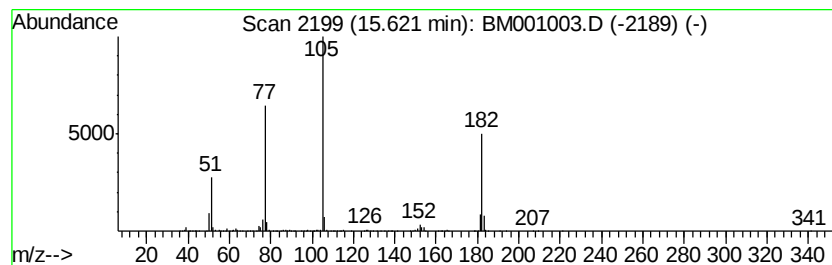
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.62	10.37 ng/ul	1942000	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	96
2		Benzophenone	182	C13H10O	000119-61-9	96
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	95
5		Benzophenone	182	C13H10O	000119-61-9	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM001003.D
Acq On : 15 Apr 2015 02:46
Operator : TP/IZ
Sample : G1858-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
P001-SD005-0006-01

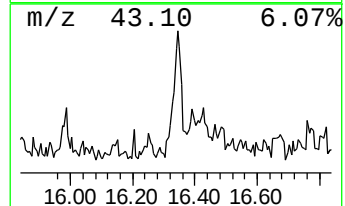
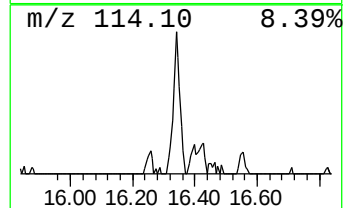
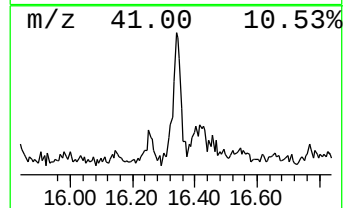
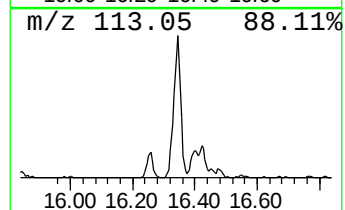
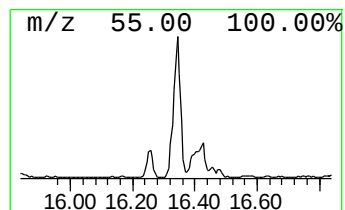
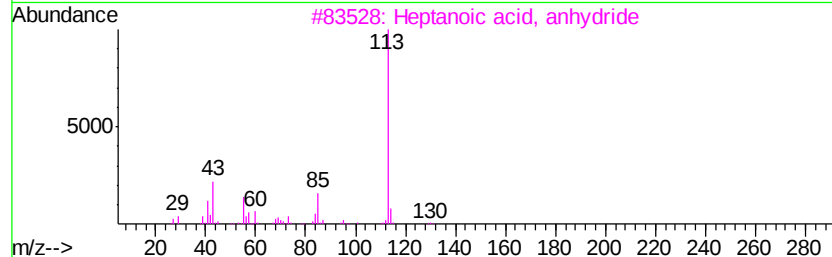
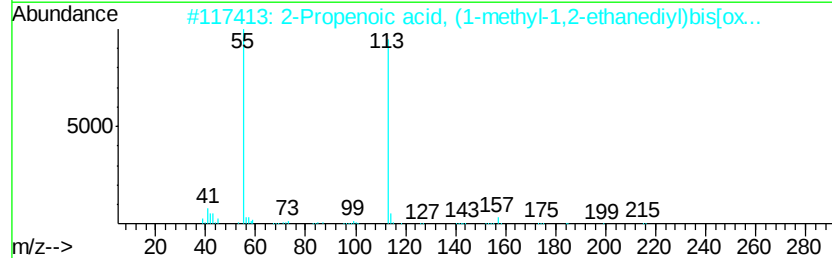
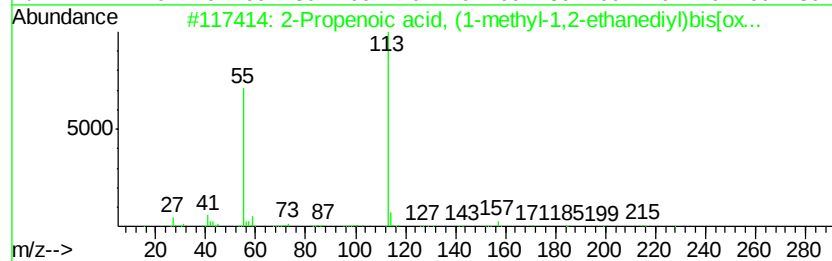
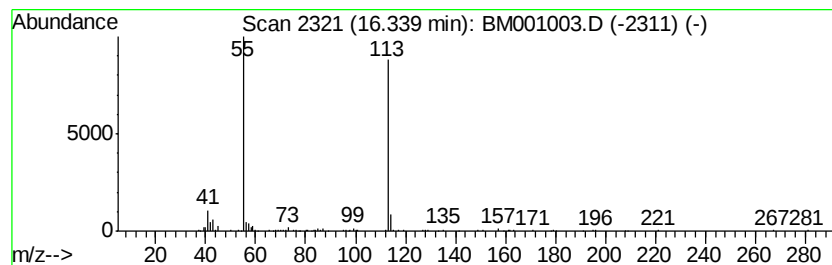
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	2.45 ng/ul	521979	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	56
2		2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	56
3		Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	36
4		Piperidine-2,5-dione	113	C5H7N02	052065-78-8	9
5		1H-Pyrazole, 4-nitro-	113	C3H3N3O2	002075-46-9	9



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM001003.D
Acq On : 15 Apr 2015 02:46
Operator : TP/IZ
Sample : G1858-05
Misc :
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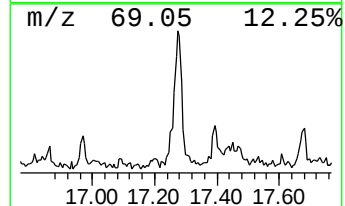
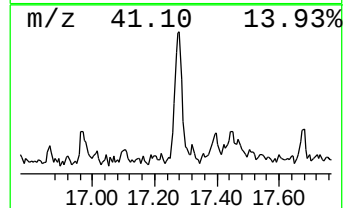
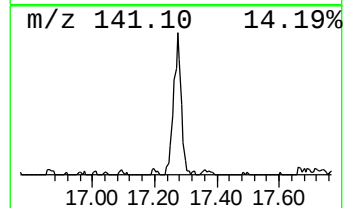
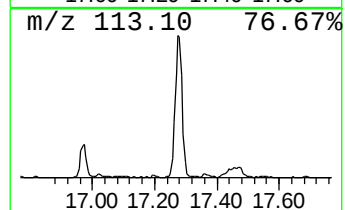
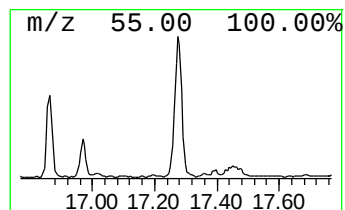
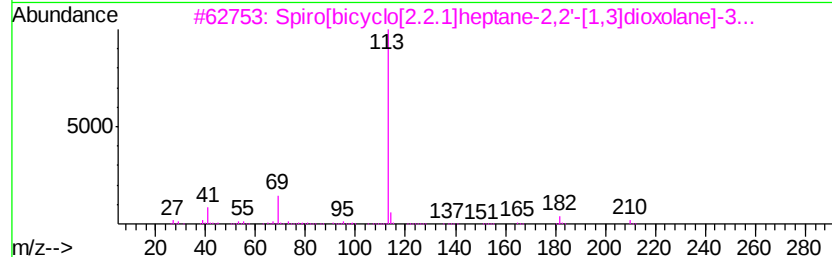
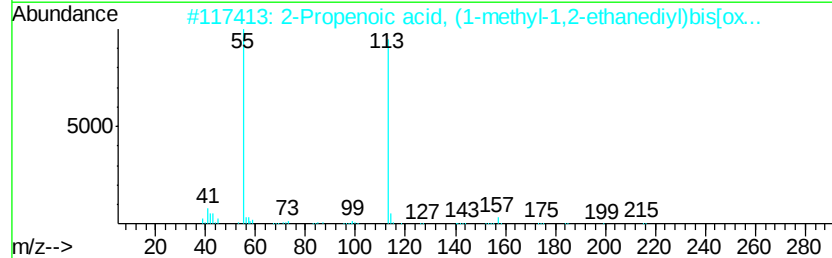
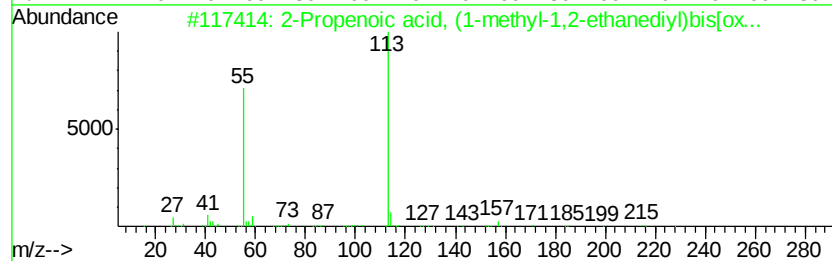
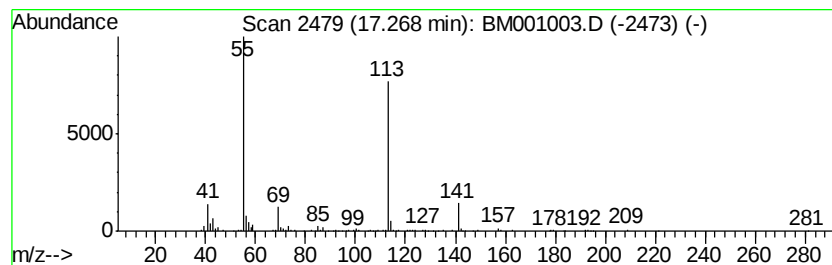
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 2-Propenoic acid, (1-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.27	2.85 ng/ul	608160	Phenanthrene-d10		17.00	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6		042978-66-5	59
2	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6		042978-66-5	59
3	Spiro[bicyclo[2.2.1]heptane-2,2'...	210	C12H18O3		018501-56-9	42
4	2-Propyl-4-methylthiazole	141	C7H11NS		052414-87-6	40
5	(1-Propoxy-pentyl)-cyclopropane	170	C11H22O		094883-97-3	36



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM001003.D
Acq On : 15 Apr 2015 02:46
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Sample : G1858-05
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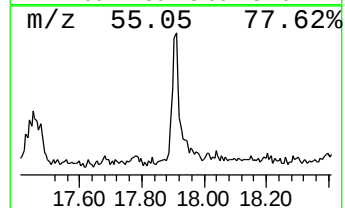
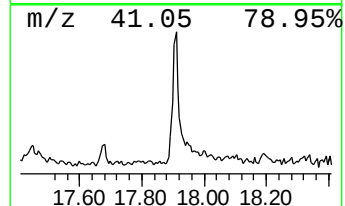
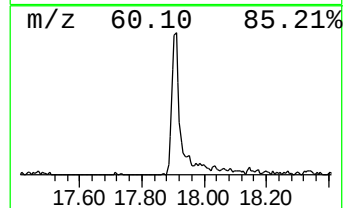
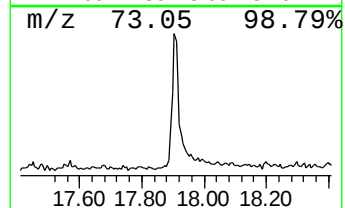
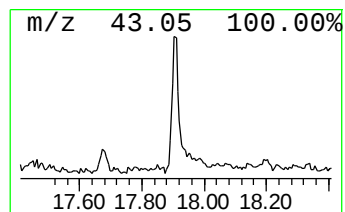
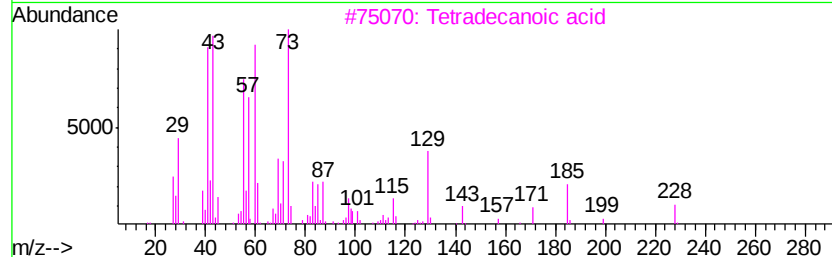
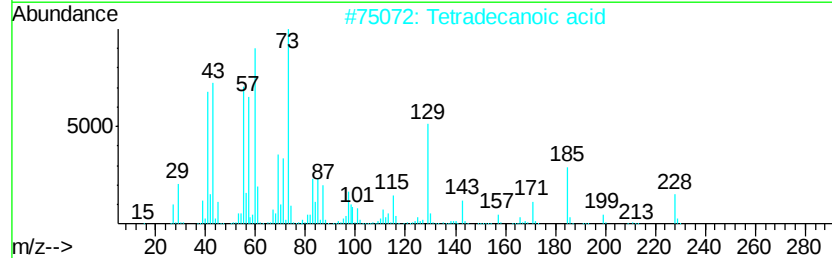
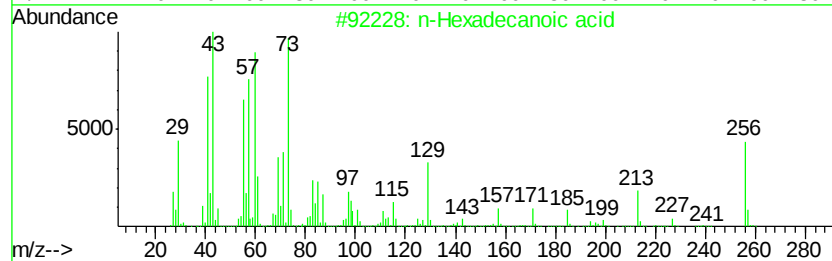
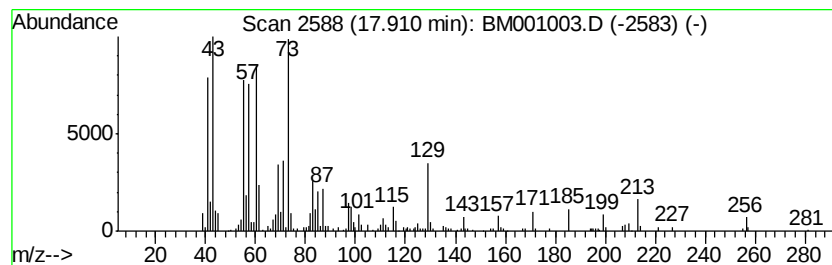
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.91	2.77 ng/ul	591670	Phenanthrene-d10		17.00		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5			Tridecanoic acid	214	C13H26O2	000638-53-9	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM001003.D
Acq On : 15 Apr 2015 02:46
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Misc :
ALS Vial : 30 Sample Multiplier: 1

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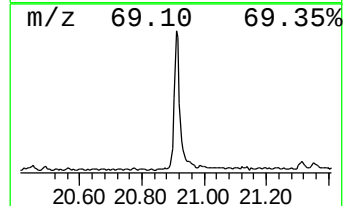
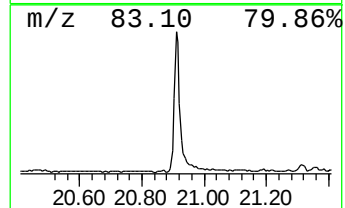
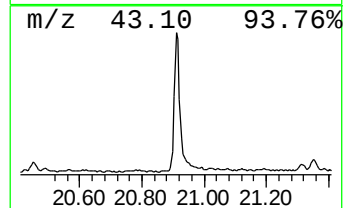
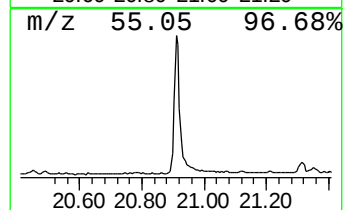
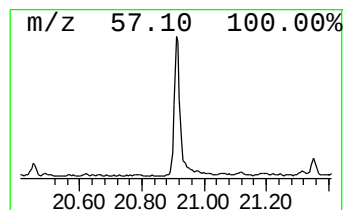
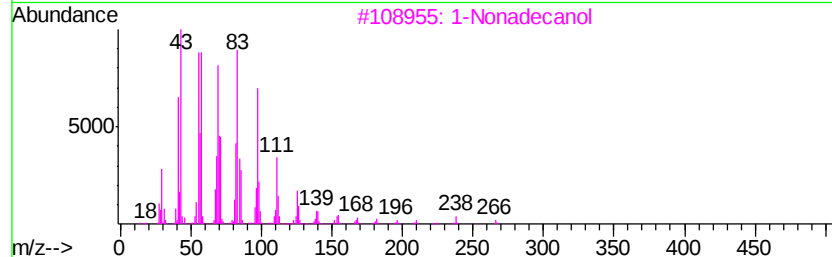
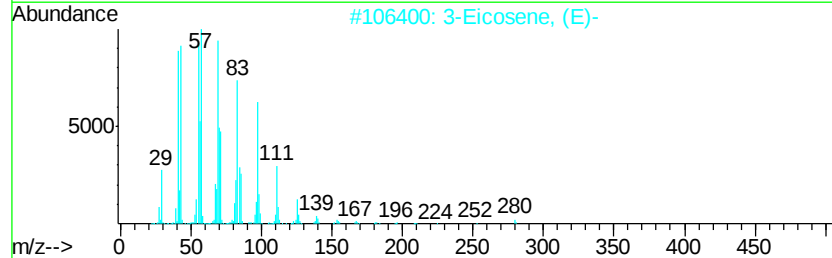
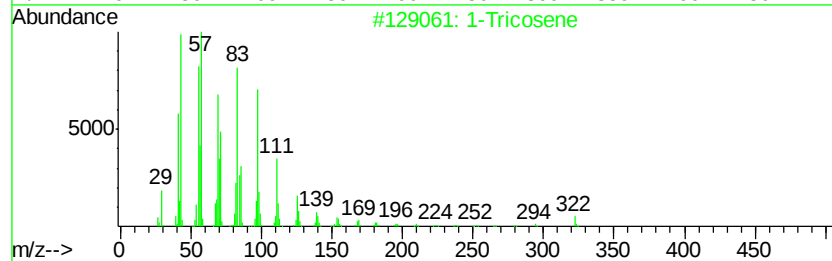
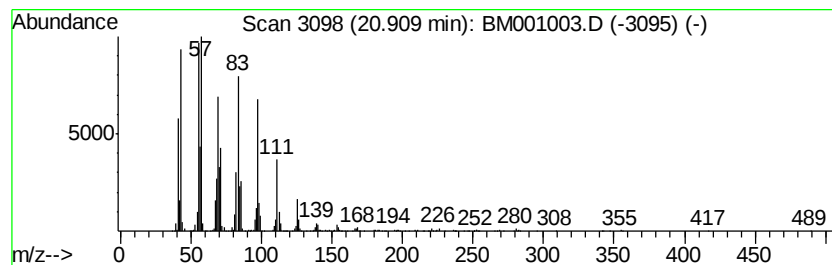
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1-Tricosene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	9.15 ng/ul	2470410	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Tricosene	322	C23H46	018835-32-0	91
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3		1-Nonadecanol	284	C19H40O	001454-84-8	91
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		1-Eicosene	280	C20H40	003452-07-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM001003.D
Acq On : 15 Apr 2015 02:46
Operator : TP/IZ
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ClientSampleId :
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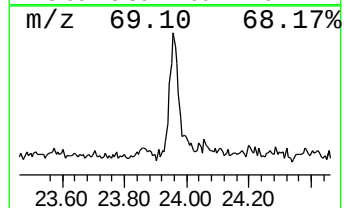
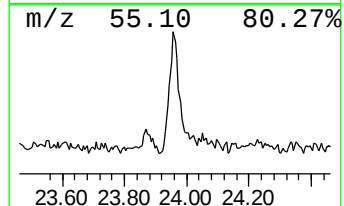
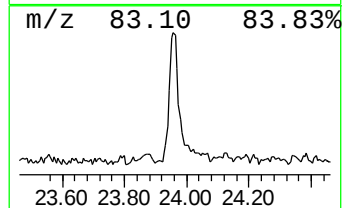
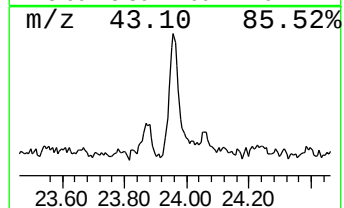
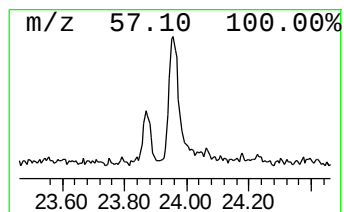
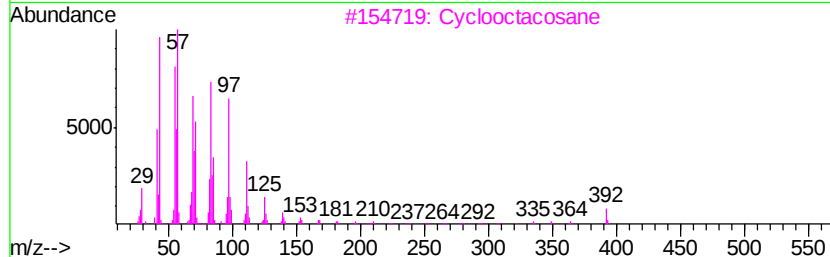
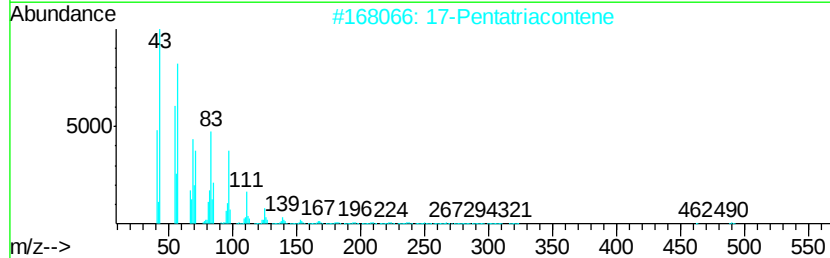
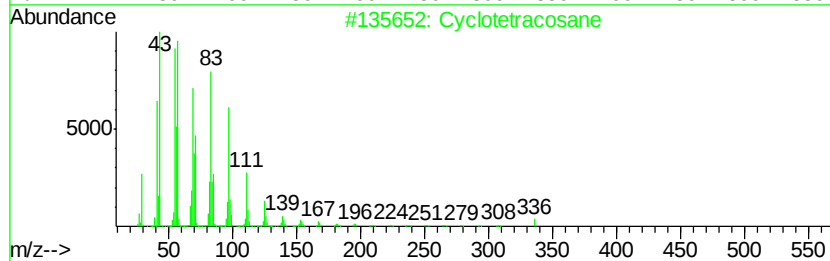
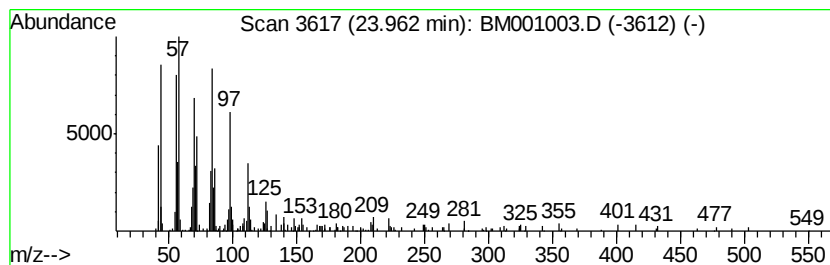
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chain Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.96	2.23 ng/ul	528645	Perylene-d12	23.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	90
2		17-Pentatriacontene	491	C35H70	006971-40-0	90
3		Cyclooctacosane	392	C28H56	000297-24-5	90
4		Cyclodocosane, ethyl-	336	C24H48	1000151-22-6	90
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM041415\
Data File : BM001003.D
Acq On : 15 Apr 2015 02:46
Operator : TP/IZ
Sample : G1858-05
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P001-SD005-0006-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM041415.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
Butane, 2-methoxy...	2.82	57.8	ng/ul	6804130	1	7.60	2354350	20.0
Cyclohexene, 4-me...	7.33	2.8	ng/ul	327717	1	7.60	2354350	20.0
Ethanol, 1-methox...	11.71	2.3	ng/ul	360652	2	10.38	3191640	20.0
Benzophenone	15.62	10.4	ng/ul	1942000	3	14.26	3745880	20.0
unknown-01	16.34	2.5	ng/ul	521979	4	17.00	4267000	20.0
2-Propenoic acid,...	17.27	2.9	ng/ul	608160	4	17.00	4267000	20.0
n-Hexadecanoic acid	17.91	2.8	ng/ul	591670	4	17.00	4267000	20.0
1-Tricosene	20.91	9.2	ng/ul	2470410	5	21.20	5401810	20.0
(DEL) Alkane: Str...	23.96	2.2	ng/ul	528645	6	23.38	4751340	20.0