

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
 Data File : BM008142.D
 Acq On : 01 Dec 2016 17:53
 Operator : UM/SJ
 Sample : H5730-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4WH4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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-BM112916.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	2.858	43	46	52	rVB	22894	30514	1.19%	0.082%
2	2.963	60	64	74	rBV	36707	51828	2.01%	0.140%
3	3.258	110	114	119	rBV	28518	41383	1.61%	0.112%
4	3.752	194	198	206	rVB	32267	46470	1.81%	0.125%
5	4.869	383	388	396	rBV	34535	58377	2.27%	0.157%
6	6.228	614	619	626	rVB	65620	99947	3.89%	0.270%
7	6.381	639	645	653	rBV	212519	322405	12.53%	0.870%
8	6.681	690	696	704	rVB	128835	200629	7.80%	0.541%
9	6.881	723	730	745	rBV2	475202	1018487	39.60%	2.748%
10	7.040	751	757	766	rBV	398911	619750	24.09%	1.672%
11	7.128	767	772	775	rBV	20942	29245	1.14%	0.079%
12	7.234	784	790	802	rBV	498430	835817	32.49%	2.255%
13	7.693	862	868	878	rBV	666228	1106367	43.01%	2.985%
14	7.904	900	904	909	rBV3	31513	44113	1.72%	0.119%
15	8.404	983	989	1003	rBV	416149	762492	29.64%	2.057%
16	8.851	1059	1065	1078	rBV	459711	823428	32.01%	2.221%
17	9.569	1181	1187	1198	rBV	388235	672923	26.16%	1.815%
18	10.104	1272	1278	1296	rBV	467807	994252	38.65%	2.682%
19	10.245	1298	1302	1308	rVB2	17110	30890	1.20%	0.083%
20	10.469	1332	1340	1349	rBV	923475	1550476	60.28%	4.183%
21	10.628	1361	1367	1394	rBV	223857	542560	21.09%	1.464%
22	11.828	1564	1571	1580	rBV	217270	344814	13.41%	0.930%
23	12.016	1595	1603	1610	rBV	78993	153040	5.95%	0.413%
24	13.639	1874	1879	1885	rVB2	78970	110729	4.30%	0.299%
25	13.751	1891	1898	1903	rBV	1024717	1545092	60.07%	4.168%
26	13.798	1903	1906	1916	rVB	170504	248669	9.67%	0.671%
27	14.027	1938	1945	1960	rBV	1184974	1873900	72.85%	5.055%
28	14.333	1991	1997	2004	rBV	1357835	1947793	75.73%	5.255%
29	14.580	2032	2039	2048	rBV2	182050	435371	16.93%	1.175%
30	15.333	2155	2167	2174	rBV	1437702	2226772	86.57%	6.007%
31	15.392	2174	2177	2185	rVV2	26222	42872	1.67%	0.116%
32	15.480	2187	2192	2204	rVV	289522	487436	18.95%	1.315%
33	15.574	2204	2208	2214	rVB4	29202	48113	1.87%	0.130%
34	16.045	2283	2288	2291	rBV4	18096	26206	1.02%	0.071%

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Integrator: RTE
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35	16.633	2383	2388	2399	rVB	36531	51209	1.99%	0.138%
36	17.086	2459	2465	2470	rBV2	1418147	2060430	80.10%	5.559%
37	17.127	2470	2472	2476	rVV	54761	64365	2.50%	0.174%
38	17.186	2476	2482	2495	rVB	1371236	2061351	80.14%	5.561%
39	17.721	2568	2573	2582	rBV5	46406	69391	2.70%	0.187%
40	17.974	2610	2616	2620	rBV3	70813	112880	4.39%	0.305%
41	18.015	2620	2623	2628	rVB2	21002	29936	1.16%	0.081%
42	18.157	2643	2647	2651	rBV4	16864	28860	1.12%	0.078%
43	18.245	2658	2662	2669	rVB5	40950	58497	2.27%	0.158%
44	18.698	2734	2739	2745	rBV7	19893	36412	1.42%	0.098%
45	18.904	2768	2774	2785	rVB	618592	822360	31.97%	2.219%
46	19.115	2807	2810	2812	rBV	22338	26527	1.03%	0.072%
47	19.151	2812	2816	2822	rVB	99193	140120	5.45%	0.378%
48	19.262	2830	2835	2840	rBV7	42842	71204	2.77%	0.192%
49	19.339	2844	2848	2851	rBV6	57861	74920	2.91%	0.202%
50	19.486	2867	2873	2886	rVB	1733612	2572165	100.00%	6.939%
51	19.962	2950	2954	2959	rBV6	49846	90599	3.52%	0.244%
52	20.174	2986	2990	2994	rBV6	43604	63780	2.48%	0.172%
53	20.474	3037	3041	3045	rBV6	79704	129152	5.02%	0.348%
54	20.980	3125	3127	3129	rBV	51584	56396	2.19%	0.152%
55	21.015	3129	3133	3137	rVB2	385442	474180	18.44%	1.279%
56	21.150	3152	3156	3167	rBV5	193774	330202	12.84%	0.891%
57	21.280	3172	3178	3183	rBV	1835524	2531688	98.43%	6.830%
58	22.809	3434	3438	3442	rBV	230812	306059	11.90%	0.826%
59	23.374	3528	3534	3541	rBV2	1288893	2320089	90.20%	6.259%
60	23.515	3552	3558	3567	rBV	1258068	2358600	91.70%	6.363%
61	24.086	3650	3655	3666	rVB2	310348	753443	29.29%	2.033%

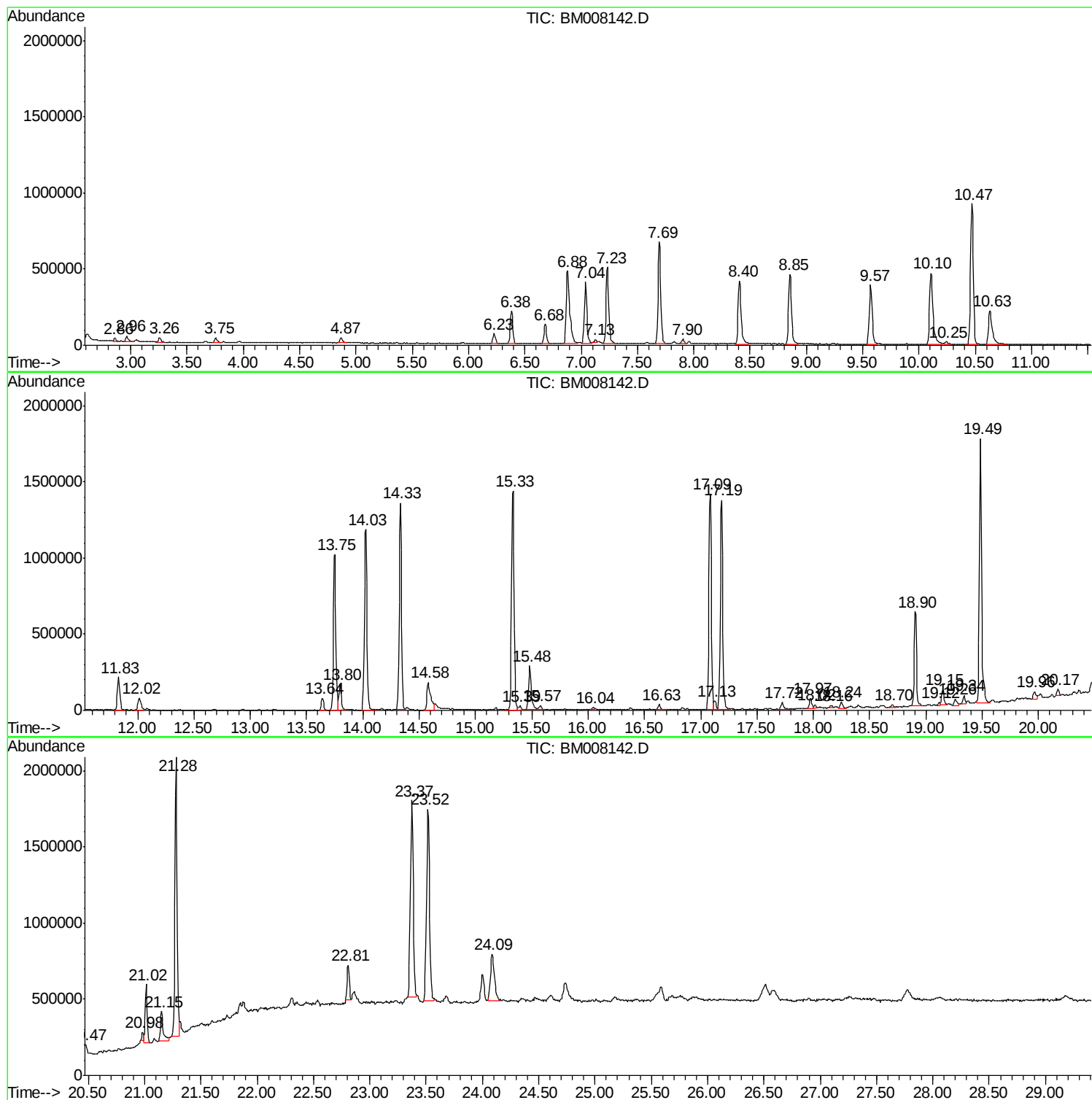
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Sample : H5730-08
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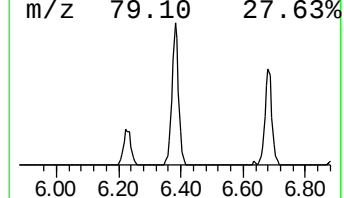
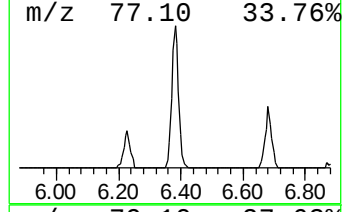
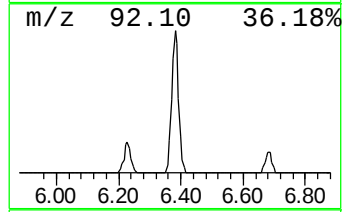
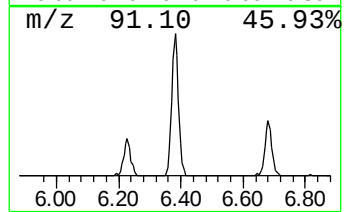
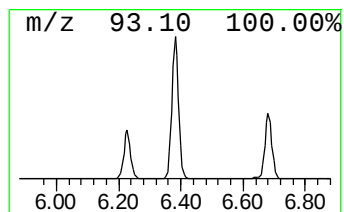
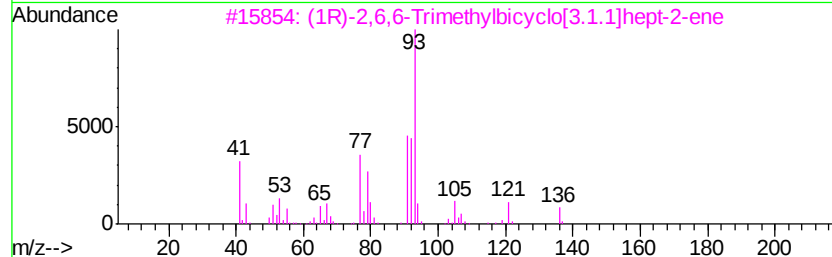
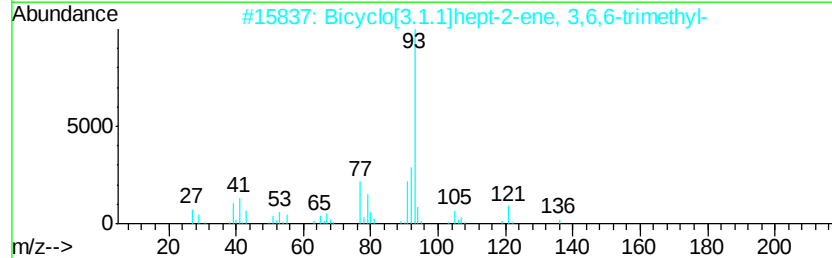
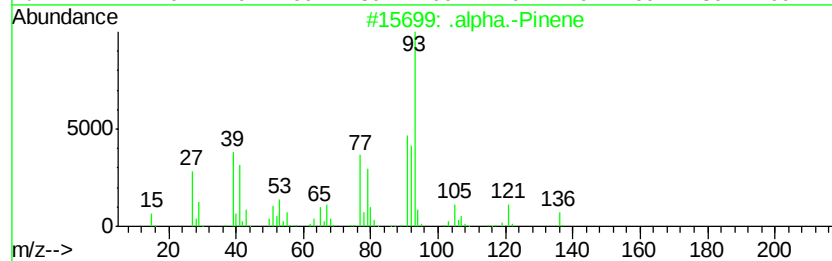
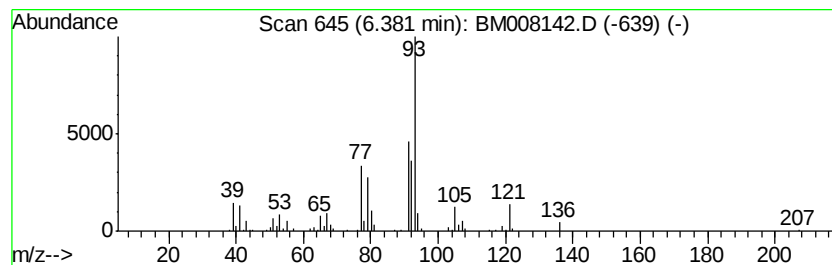
Instrument :
BNA_M
ClientSampleId :
A4WH4

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 .alpha.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.38	5.83 ng/ul	322405	1,4-Dichlorobenzene-d4	7.69		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		.alpha.-Pinene	136	C10H16	000080-56-8	95
2		Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	94
3		(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	93
4		trans-.beta.-Ocimene	136	C10H16	003779-61-1	91
5		Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91



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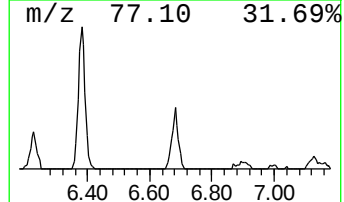
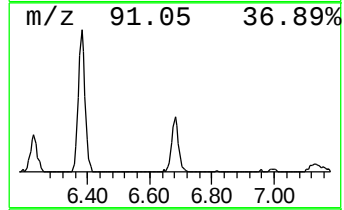
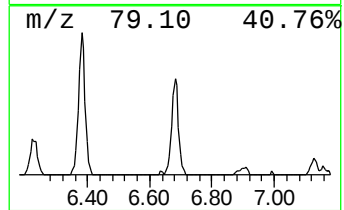
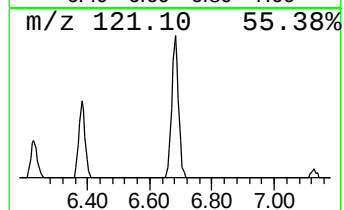
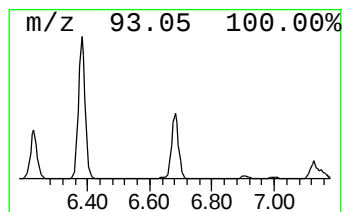
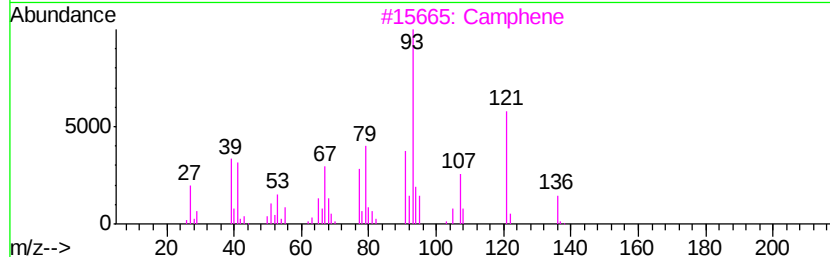
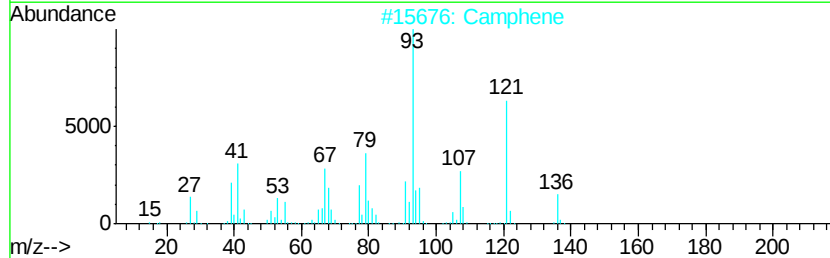
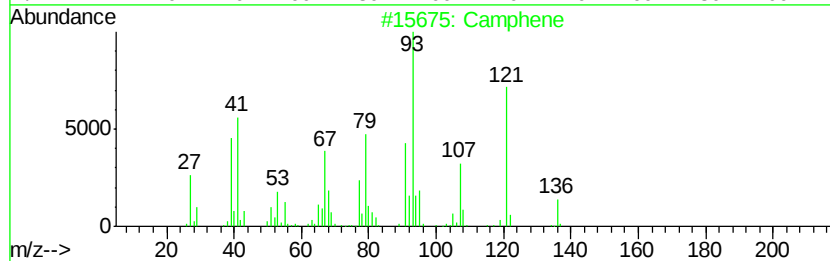
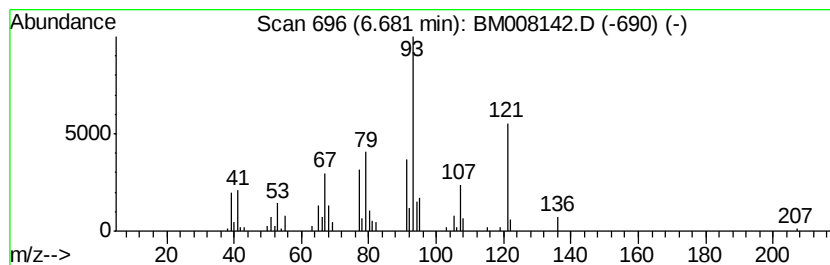
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Camphene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.68	3.63 ng/ul	200629	1,4-Dichlorobenzene-d4	7.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Camphene	136	C10H16	000079-92-5	95
2		Camphene	136	C10H16	000079-92-5	93
3		Camphene	136	C10H16	000079-92-5	91
4		Santolina triene	136	C10H16	002153-66-4	90
5		Cyclohexene, 1-methyl-3-(1-methy...	136	C10H16	000499-03-6	87



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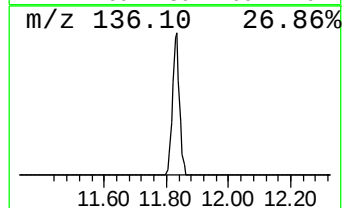
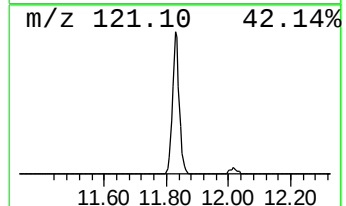
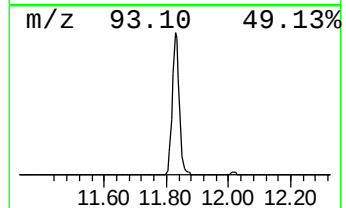
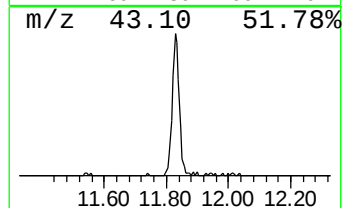
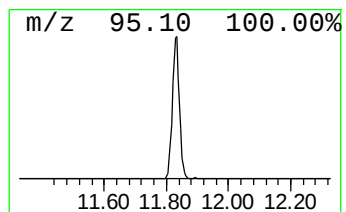
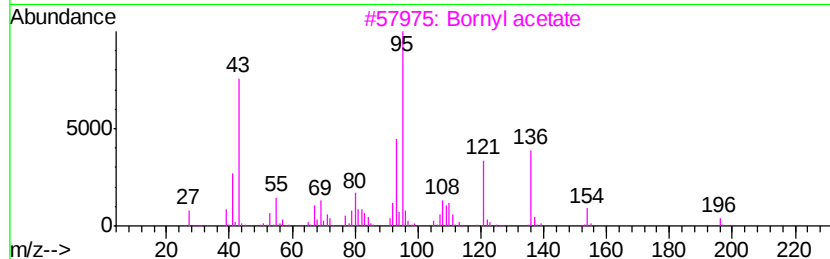
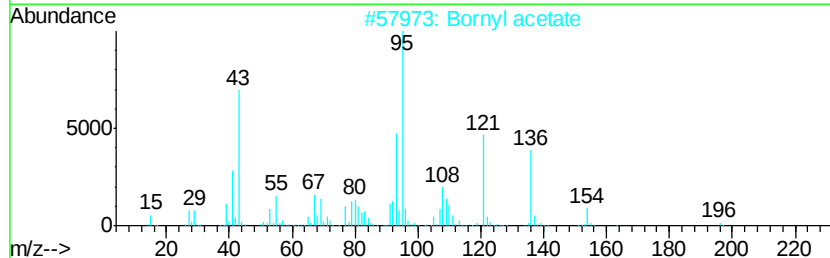
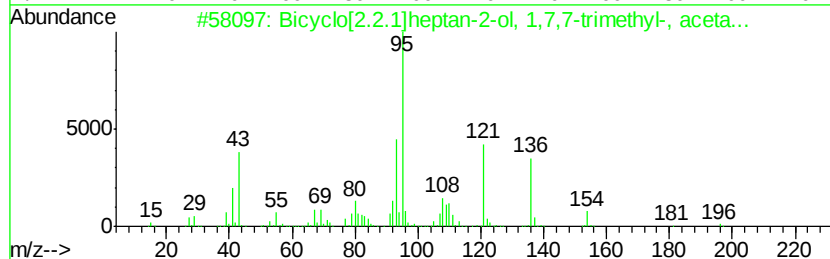
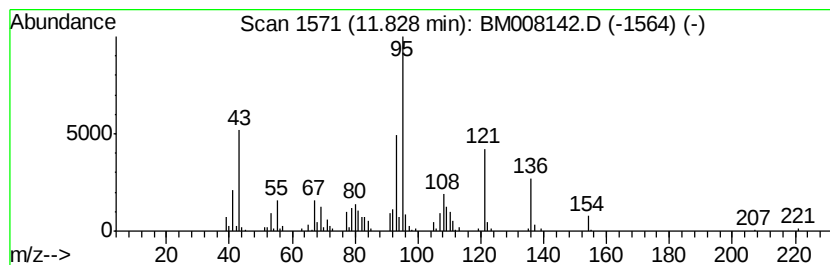
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Peak Number 3 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	4.45 ng/ul	344814	Naphthalene-d8	10.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	91
2		Bornyl acetate	196	C12H20O2	000076-49-3	91
3		Bornyl acetate	196	C12H20O2	000076-49-3	80
4		Isobornyl acetate	196	C12H20O2	000125-12-2	78
5		Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	74



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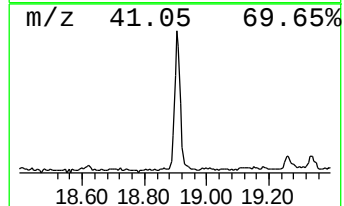
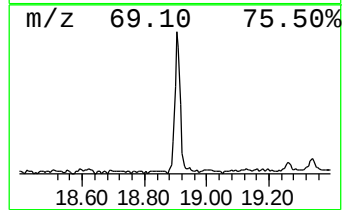
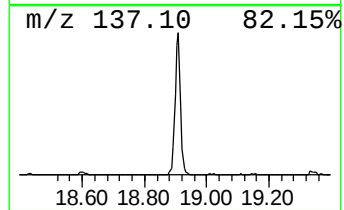
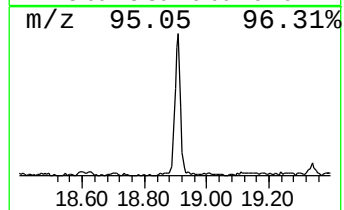
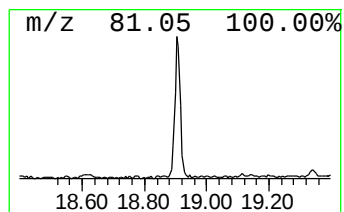
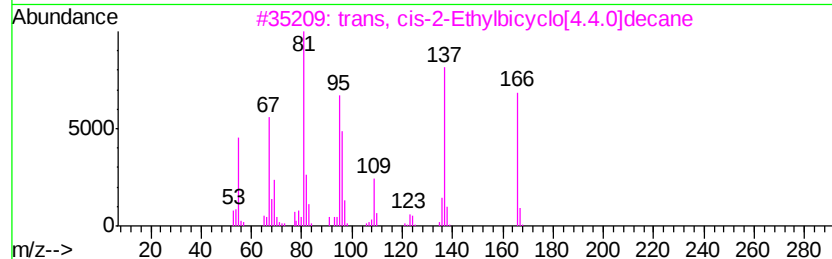
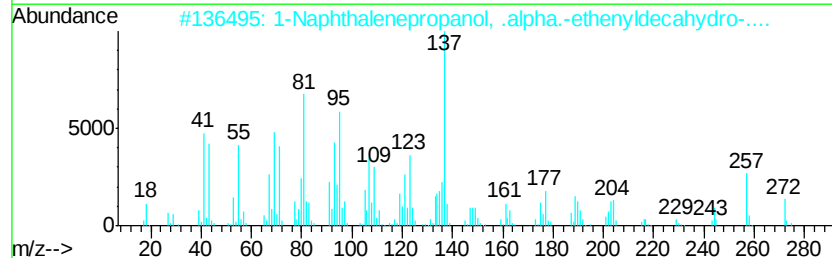
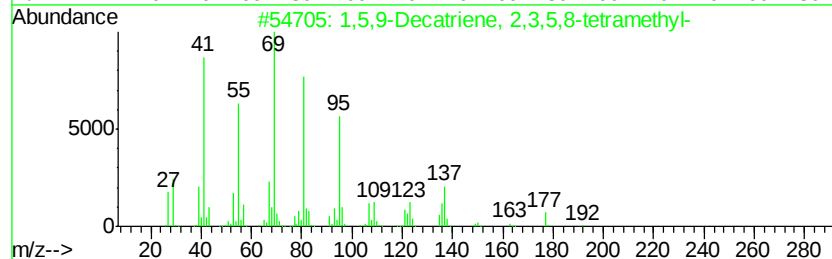
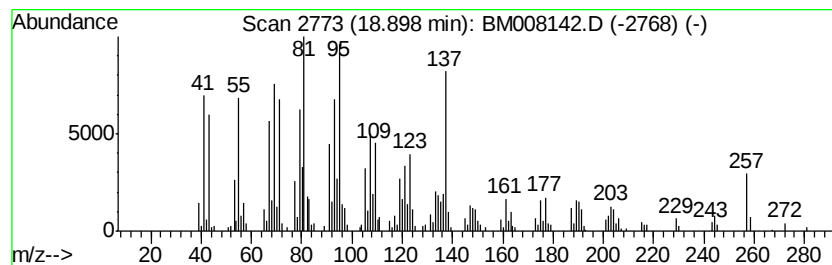
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Peak Number 4 1,5,9-Decatriene, 2,3,5,8-t... Concentration Rank 1

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18.90	7.98 ng/ul	822360	Phenanthrene-d10	17.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	62
2	1-Naphthalenepropanol, .alpha.-e...	290	C20H34O	001438-62-6	55
3	trans, cis-2-Ethylbicyclo[4.4.0]...	166	C12H22	066660-39-7	43
4	Bicyclo[6.1.0]nonane, 9-bromo-9-...	216	C10H17Br	059474-03-2	43
5	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	38



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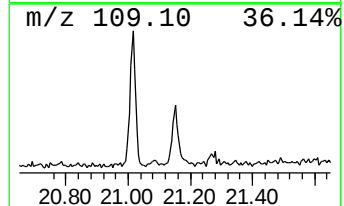
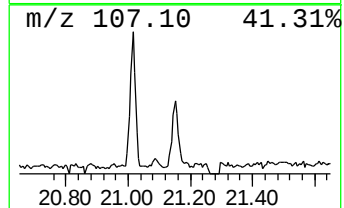
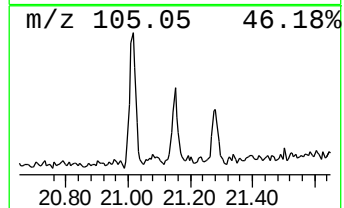
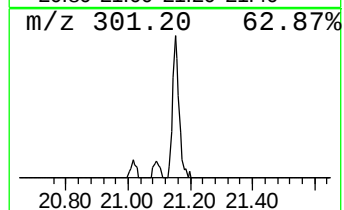
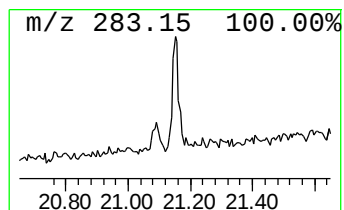
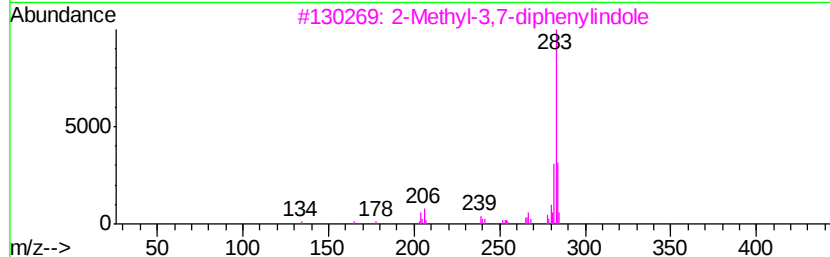
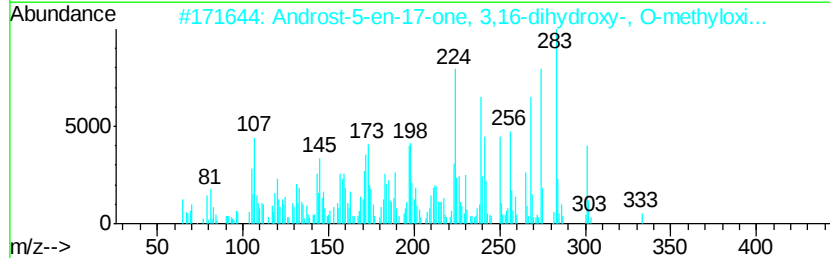
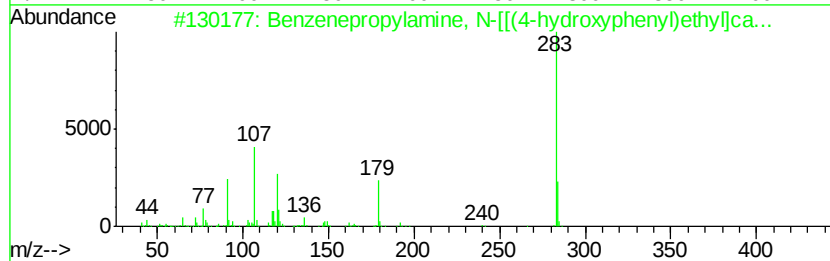
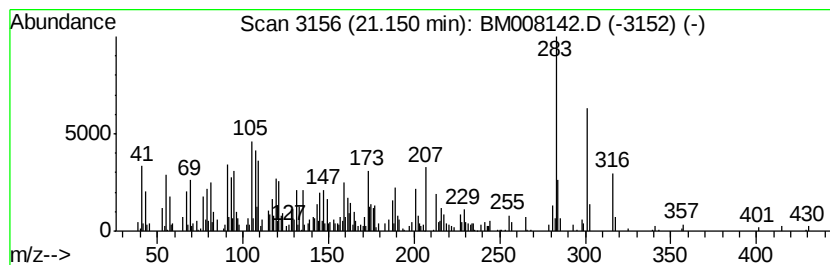
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.15	2.61 ng/ul	330202	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropylamine, N-[[[4-hydro...	283	C18H21NO2	1000117-01-1	43
2		Androst-5-en-17-one, 3,16-dihydr...	333	C20H31NO3	069688-30-8	35
3		2-Methyl-3,7-diphenylindole	283	C21H17N	001863-20-3	25
4		1-n-Dodecyl-1-methyl-1-silacy...	298	C18H38OSi	1000245-79-6	25
5		2-Ethylsulfanyl-4-(4-methoxy-phe...	284	C16H16N2OS	1000300-07-3	22



Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008142.D
Acq On : 01 Dec 2016 17:53
Operator : UM/SJ
Sample : H5730-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WH4

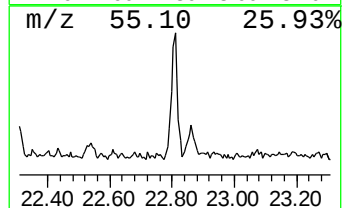
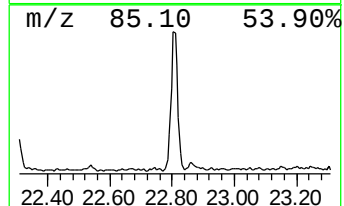
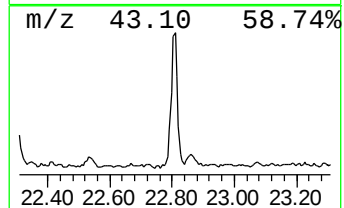
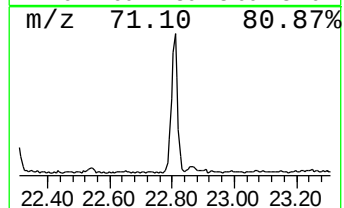
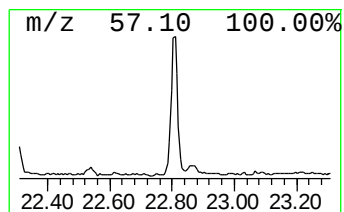
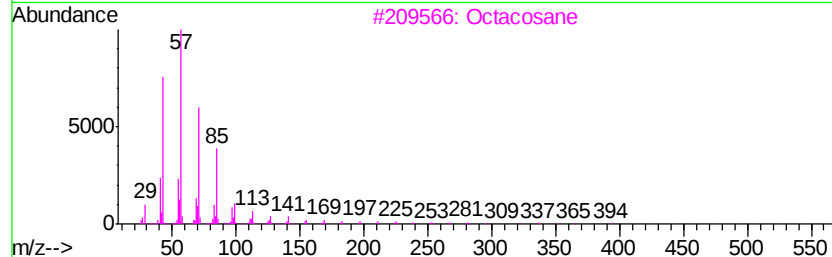
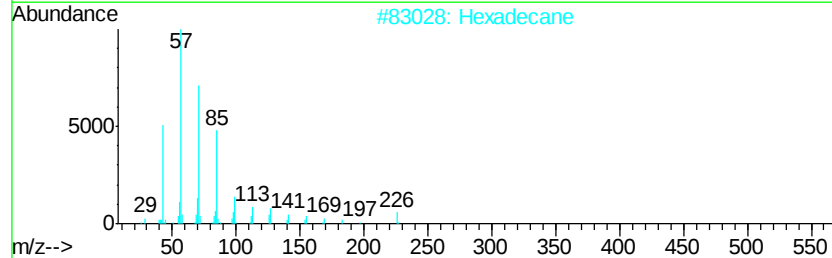
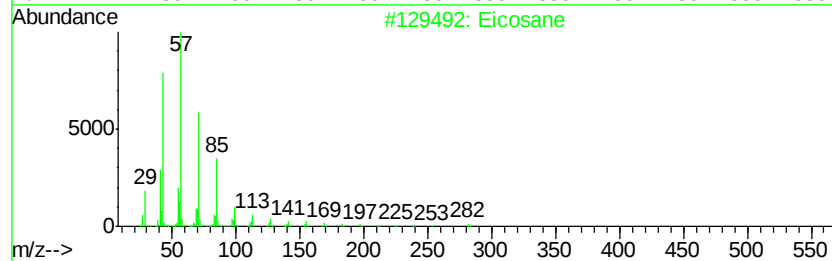
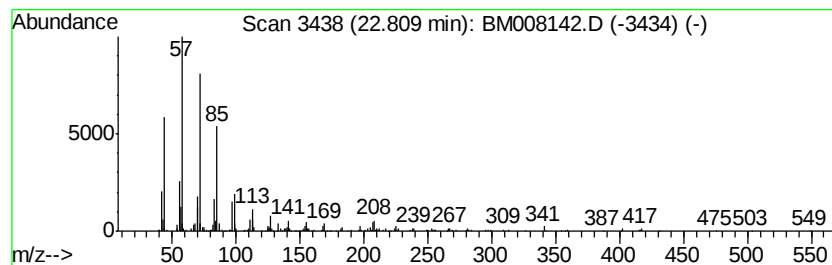
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.60 ng/ul	306059	Perylene-d12	23.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	93
2			Hexadecane	226	C16H34	000544-76-3	91
3			Octacosane	394	C28H58	000630-02-4	90
4			triacontane	422	C30H62	000638-68-6	90
5			Hexacosane	366	C26H54	000630-01-3	90



Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008142.D
Acq On : 01 Dec 2016 17:53
Operator : UM/SJ
Sample : H5730-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WH4

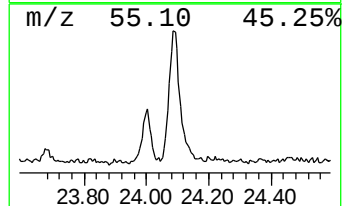
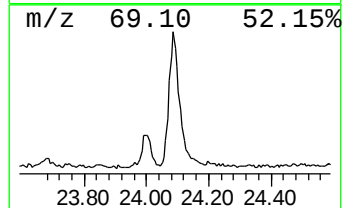
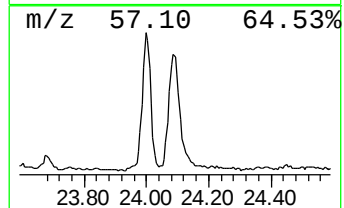
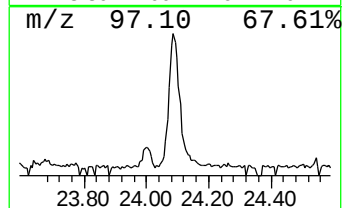
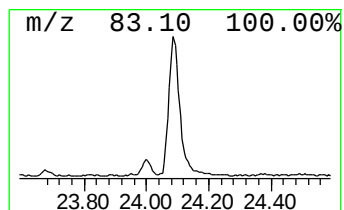
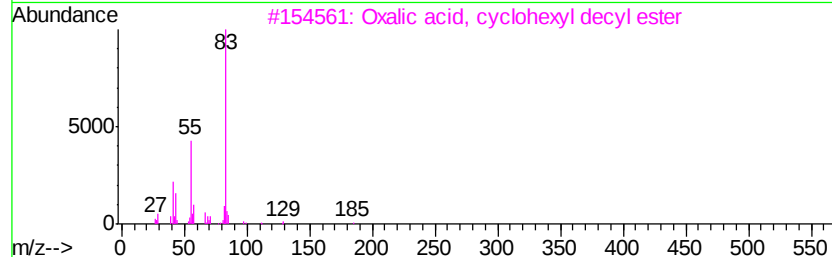
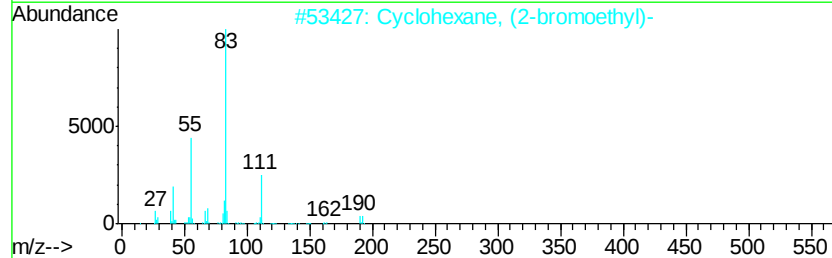
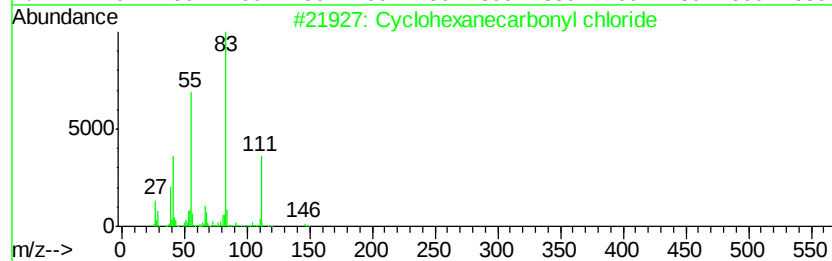
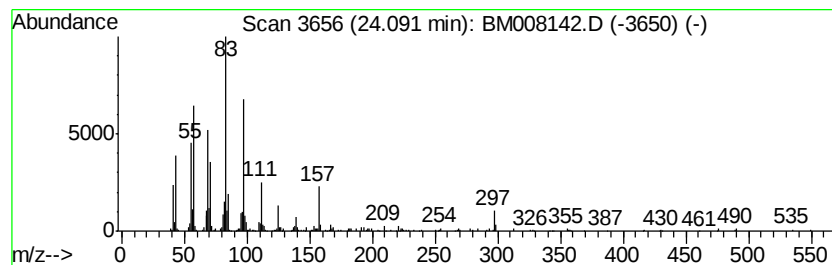
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	6.39 ng/ul	753443	Perylene-d12	23.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	43
2		Cyclohexane, (2-bromoethyl)-	190	C8H15Br	001647-26-3	43
3		Oxalic acid, cyclohexyl decyl ester	312	C18H32O4	1000309-31-2	35
4		Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	35
5		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120116\
Data File : BM008142.D
Acq On : 01 Dec 2016 17:53
Operator : UM/SJ
Sample : H5730-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4WH4

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
.alpha.-Pinene	6.38	5.8	ng/ul	322405	1	7.69	1106370	20.0
Camphene	6.68	3.6	ng/ul	200629	1	7.69	1106370	20.0
Bicyclo[2.2.1]hep...	11.83	4.5	ng/ul	344814	2	10.47	1550480	20.0
1,5,9-Decatriene,...	18.90	8.0	ng/ul	822360	4	17.09	2060430	20.0
Podocarpa-8,11,13...	21.02	3.8	ng/ul	474180	5	21.28	2531690	20.0
unknown-01	21.15	2.6	ng/ul	330202	5	21.28	2531690	20.0
(DEL) Alkane: Str...	22.81	2.6	ng/ul	306059	6	23.52	2358600	20.0
unknown-02	24.09	6.4	ng/ul	753443	6	23.52	2358600	20.0