

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010669.D
 Acq On : 22 Jun 2017 20:45
 Operator : SJ/JU
 Sample : I3625-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B06

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\SOM-EPA-BM062017.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	6.175	552	559	566	rBB	372358	535634	27.99%	2.329%
2	6.469	605	609	615	rVB3	25048	32729	1.71%	0.142%
3	6.645	632	639	649	rBB	201859	317272	16.58%	1.379%
4	6.810	661	667	677	rBB	137832	200405	10.47%	0.871%
5	6.893	677	681	689	rBB3	17371	26092	1.36%	0.113%
6	6.998	694	699	705	rBV	205066	302407	15.80%	1.315%
7	7.463	772	778	785	rVB	305574	454806	23.76%	1.977%
8	7.604	796	802	808	rBB	29737	42392	2.22%	0.184%
9	7.687	811	816	821	rBB3	40687	56878	2.97%	0.247%
10	8.163	891	897	906	rBB	256687	401320	20.97%	1.745%
11	8.604	964	972	980	rBB	206272	312135	16.31%	1.357%
12	9.322	1086	1094	1100	rBB	183279	298355	15.59%	1.297%
13	9.604	1136	1142	1146	rBV2	30163	40012	2.09%	0.174%
14	9.851	1177	1184	1193	rBB	306365	483658	25.27%	2.103%
15	10.222	1240	1247	1254	rBV	425833	700271	36.59%	3.044%
16	10.363	1265	1271	1279	rBB	227467	370016	19.33%	1.609%
17	13.533	1804	1810	1814	rBV	582289	795535	41.57%	3.458%
18	13.580	1814	1818	1828	rVB	223139	298107	15.58%	1.296%
19	13.798	1849	1855	1865	rVB	586316	850631	44.45%	3.698%
20	14.110	1901	1908	1917	rBV2	692915	1051350	54.93%	4.570%
21	14.321	1938	1944	1952	rBV	260933	361963	18.91%	1.574%
22	14.557	1979	1984	1988	rBV3	23942	31783	1.66%	0.138%
23	15.116	2072	2079	2086	rBB	791601	1089253	56.91%	4.735%
24	15.239	2094	2100	2105	rBV	250507	343014	17.92%	1.491%
25	16.298	2276	2280	2283	rBV	16583	19166	1.00%	0.083%
26	16.868	2371	2377	2382	rBV	994641	1368942	71.53%	5.951%
27	16.968	2388	2394	2406	rVB	818329	1188990	62.13%	5.169%
28	17.274	2442	2446	2451	rVB2	18249	23494	1.23%	0.102%
29	17.657	2505	2511	2517	rBV6	15497	24176	1.26%	0.105%
30	17.727	2519	2523	2528	rBV4	15070	20499	1.07%	0.089%
31	17.792	2529	2534	2542	rBV2	192485	251731	13.15%	1.094%
32	18.092	2581	2585	2592	rBV6	12180	23705	1.24%	0.103%
33	18.674	2677	2684	2688	rBV7	31953	56693	2.96%	0.246%
34	18.727	2688	2693	2695	rVV4	23734	36686	1.92%	0.159%

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35	18.756	2695	2698	2704	rVV5	28351	37323	1.95%	0.162%
36	18.815	2704	2708	2712	rVB	19150	22638	1.18%	0.098%
37	18.939	2725	2729	2732	rBV	141726	183570	9.59%	0.798%
38	19.086	2750	2754	2762	rBV	118404	166906	8.72%	0.726%
39	19.151	2763	2765	2770	rVB5	14184	23445	1.23%	0.102%
40	19.274	2780	2786	2799	rVB2	1075460	1672710	87.40%	7.272%
41	19.503	2820	2825	2830	rBV9	29986	56686	2.96%	0.246%
42	19.551	2830	2833	2837	rVB2	20638	30012	1.57%	0.130%
43	19.639	2842	2848	2853	rBV6	22277	52448	2.74%	0.228%
44	19.686	2853	2856	2861	rVB3	52645	59494	3.11%	0.259%
45	19.786	2867	2873	2879	rBV3	25090	73256	3.83%	0.318%
46	19.839	2879	2882	2884	rBV3	32534	34099	1.78%	0.148%
47	19.962	2899	2903	2905	rBV5	25972	37268	1.95%	0.162%
48	19.992	2905	2908	2913	rVB6	38380	52640	2.75%	0.229%
49	20.074	2918	2922	2925	rBV	124149	141666	7.40%	0.616%
50	20.103	2925	2927	2931	rVV3	24120	23998	1.25%	0.104%
51	20.145	2931	2934	2940	rVV6	20525	28349	1.48%	0.123%
52	20.286	2952	2958	2962	rBV	80615	126934	6.63%	0.552%
53	20.333	2962	2966	2970	rVV2	102366	129314	6.76%	0.562%
54	20.556	3001	3004	3009	rVB3	43633	54837	2.87%	0.238%
55	20.615	3011	3014	3016	rBV4	22804	30983	1.62%	0.135%
56	20.650	3016	3020	3027	rBV	284346	392871	20.53%	1.708%
57	20.715	3027	3031	3032	rVV4	27219	33947	1.77%	0.148%
58	20.780	3036	3042	3046	rVV2	407268	578551	30.23%	2.515%
59	20.821	3046	3049	3052	rVB	123276	148991	7.78%	0.648%
60	20.997	3077	3079	3081	rBV3	29295	32948	1.72%	0.143%
61	21.033	3081	3085	3088	rVV	384876	494917	25.86%	2.152%
62	21.080	3088	3093	3098	rVV	1337616	1913850	100.00%	8.320%
63	21.115	3098	3099	3107	rVB	128907	152333	7.96%	0.662%
64	21.233	3116	3119	3121	rBV4	33351	45197	2.36%	0.196%
65	21.380	3142	3144	3147	rBV3	26165	37954	1.98%	0.165%
66	21.844	3220	3223	3228	rVB3	84220	115140	6.02%	0.501%
67	22.250	3289	3292	3296	rVB3	48737	53668	2.80%	0.233%
68	22.586	3344	3349	3364	rVB	198339	676209	35.33%	2.940%
69	23.039	3422	3426	3429	rBV	83044	126090	6.59%	0.548%
70	23.086	3429	3434	3439	rVV2	590494	981867	51.30%	4.268%
71	23.221	3450	3457	3463	rBV	695443	1263927	66.04%	5.495%

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72	23.756	3544	3548	3553	rVB4	72355	134711	7.04%	0.586%
73	25.274	3801	3806	3811	rBV8	41568	86882	4.54%	0.378%
74	26.085	3939	3944	3952	rVB10	44244	105717	5.52%	0.460%
75	27.285	4141	4148	4156	rVB10	59915	178561	9.33%	0.776%

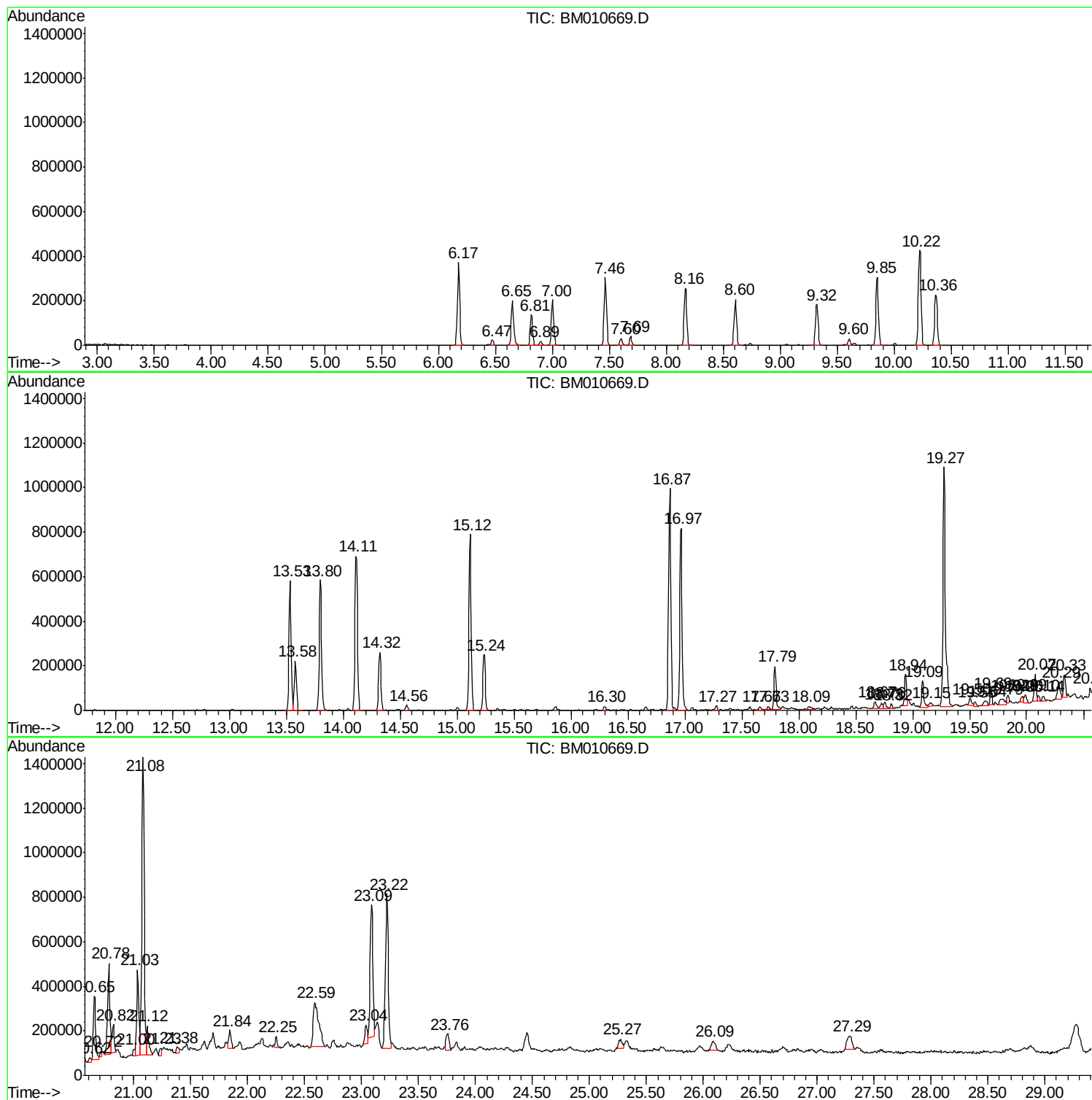
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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



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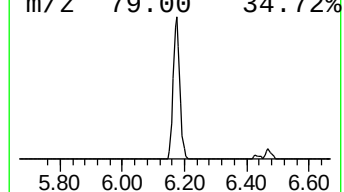
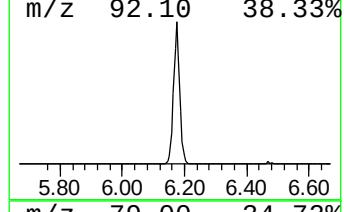
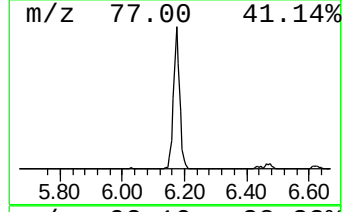
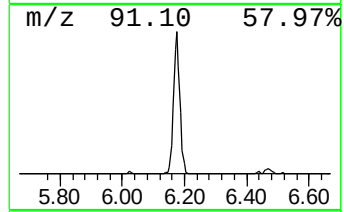
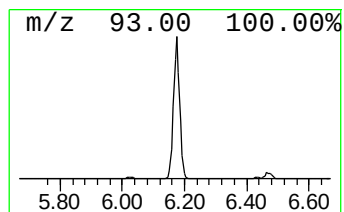
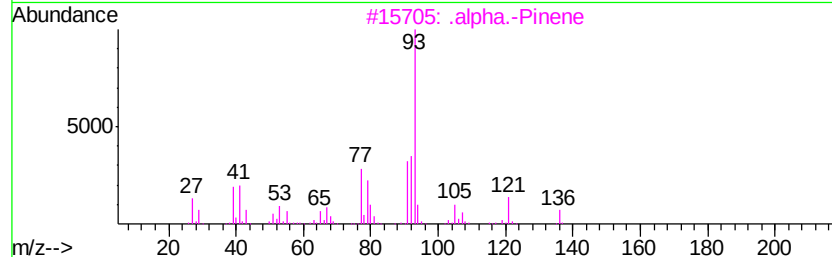
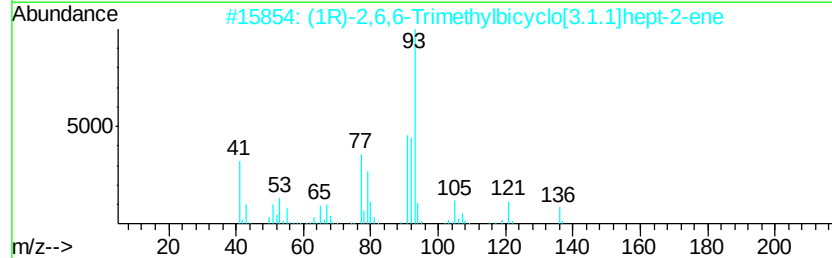
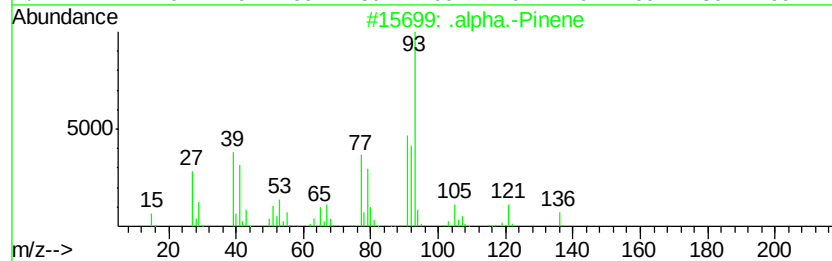
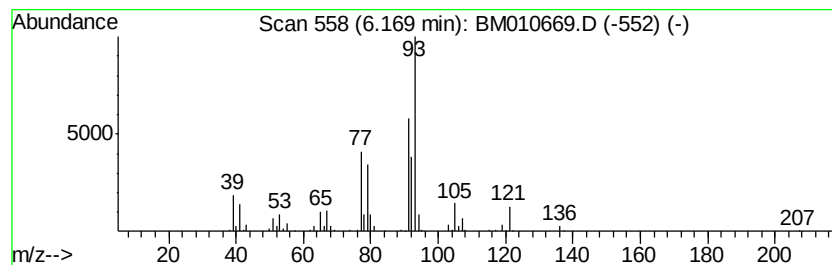
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.17	23.55 ng/ul	535634	1,4-Dichlorobenzene-d4	7.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	95
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
3	.alpha.-Pinene	136	C10H16	000080-56-8	90
4	4-Carene, (1S,3S,6R)-(-)-	136	C10H16	005208-50-4	87
5	.gamma.-Terpinene	136	C10H16	000099-85-4	87



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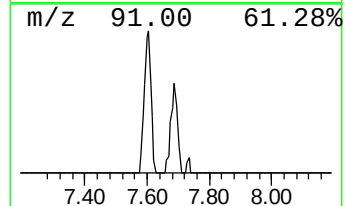
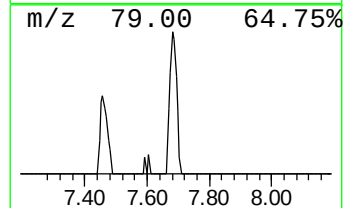
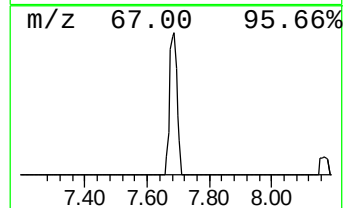
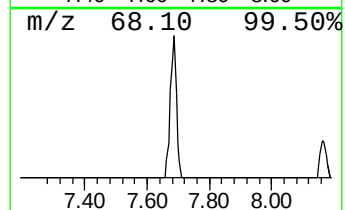
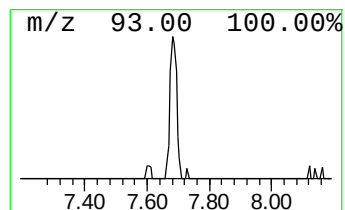
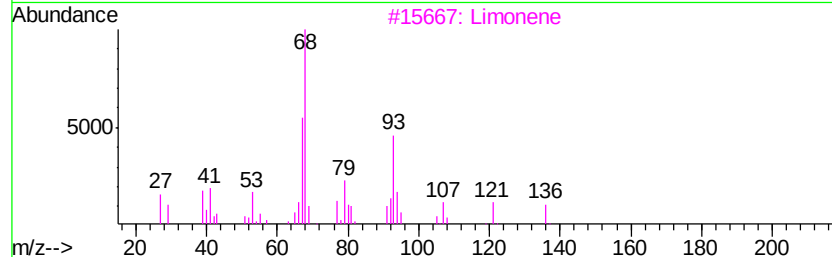
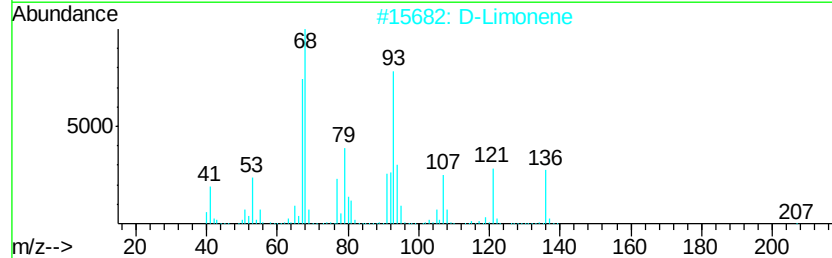
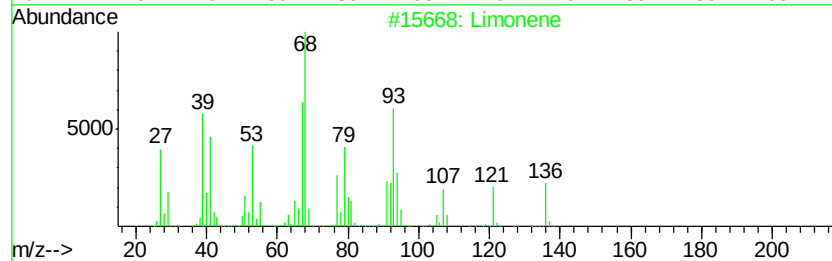
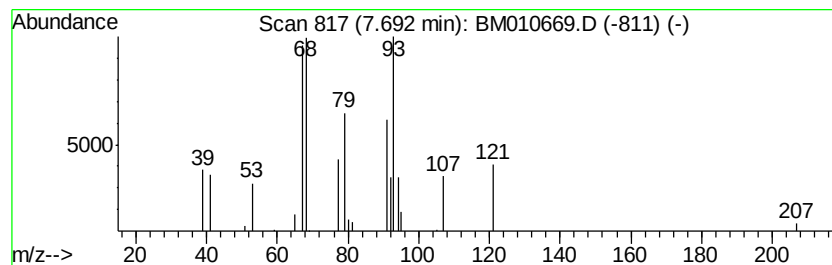
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Limonene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.50 ng/ul	56878	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Limonene	136	C10H16	000138-86-3	96
2		D-Limonene	136	C10H16	005989-27-5	95
3		Limonene	136	C10H16	000138-86-3	93
4		1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	90
5		D-Limonene	136	C10H16	005989-27-5	81



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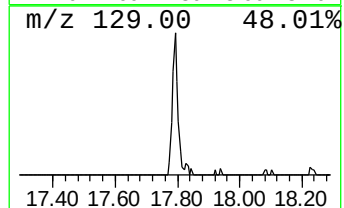
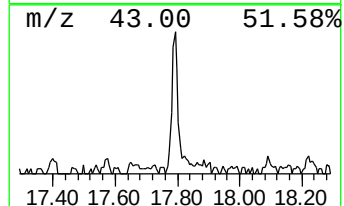
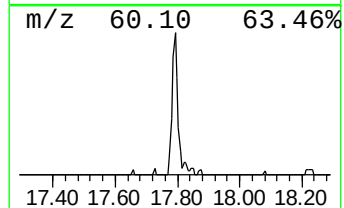
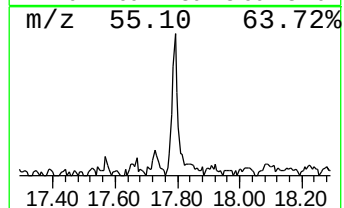
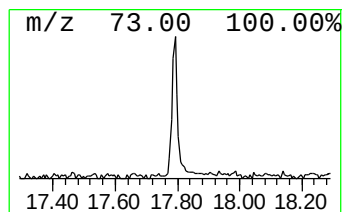
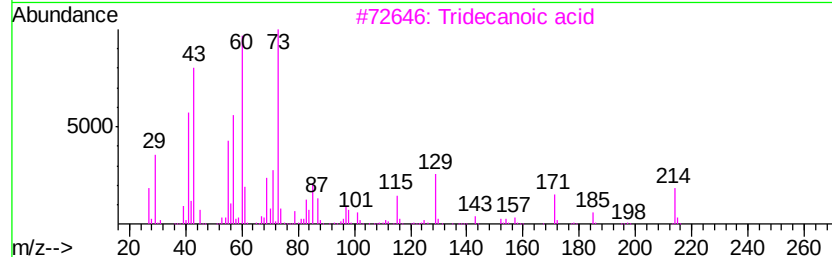
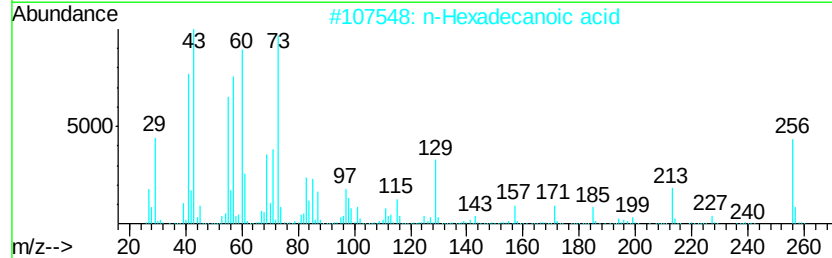
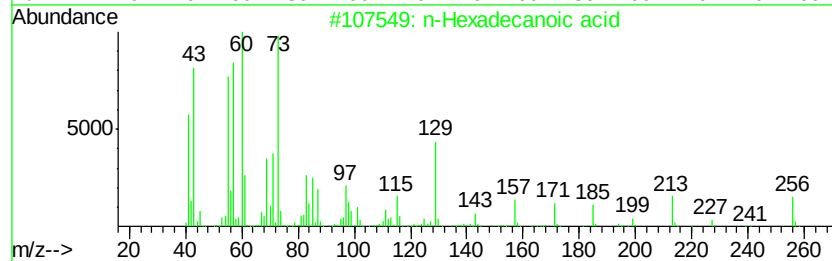
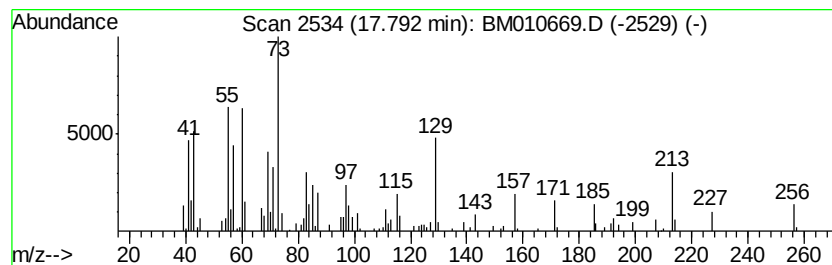
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.79	3.68 ng/ul	251731	Phenanthrene-d10		16.87	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	95
3	Tridecanoic acid		214	C13H26O2	000638-53-9	83
4	Tridecanoic acid		214	C13H26O2	000638-53-9	58
5	Tetradecanoic acid		228	C14H28O2	000544-63-8	52



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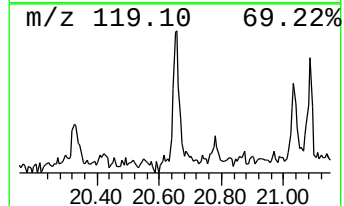
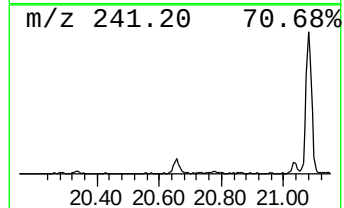
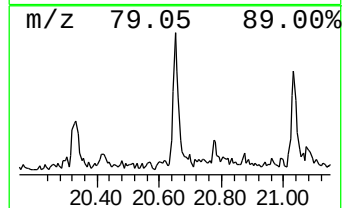
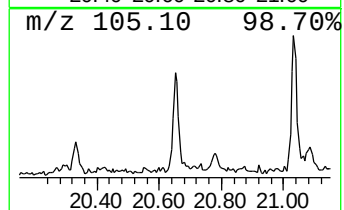
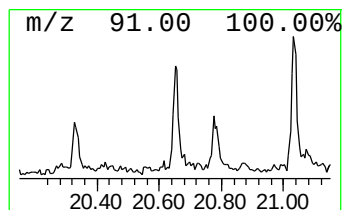
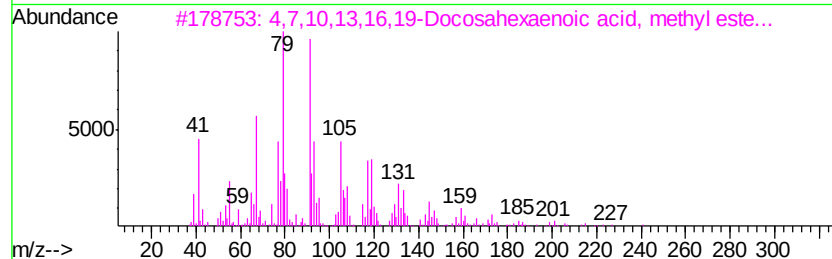
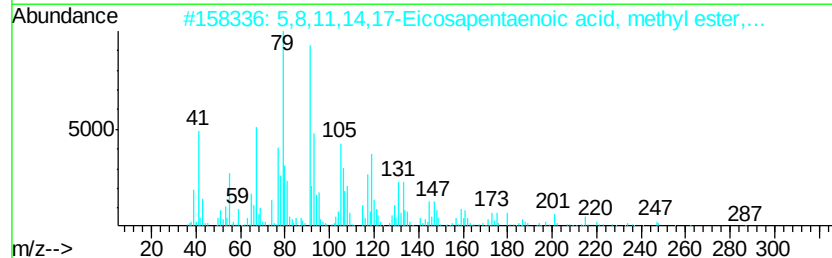
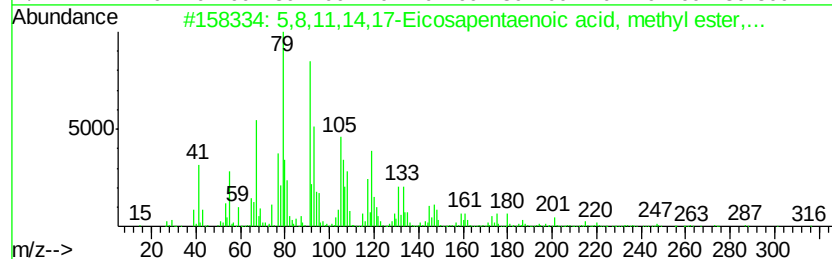
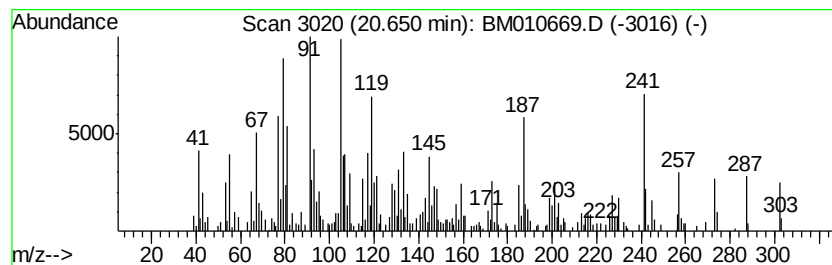
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TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.65	4.11 ng/ul	392871	Chrysene-d12	21.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,8,11,14,17-Eicosapentaenoic ac...	316	C21H32O2	002734-47-6	46
2		5,8,11,14,17-Eicosapentaenoic ac...	316	C21H32O2	002734-47-6	46
3		4,7,10,13,16,19-Docosahexaenoic ...	342	C23H34O2	002566-90-7	35
4		Bicyclo[4.1.0]heptane, 7-bicyclo[...	188	C14H20	1000152-39-9	25
5		Ethyl 5,8,11,14,17-icosapentaenoate	330	C22H34O2	084494-70-2	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010669.D
Acq On : 22 Jun 2017 20:45
Operator : SJ/JU
Sample : I3625-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

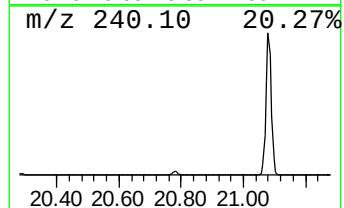
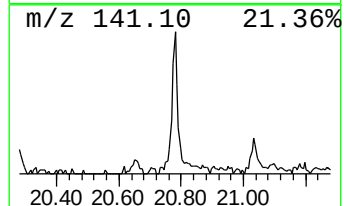
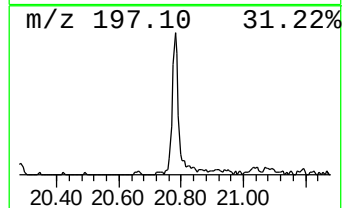
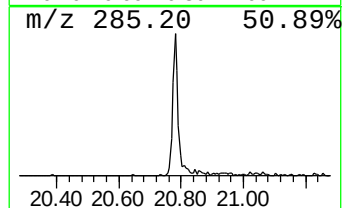
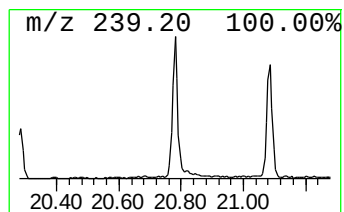
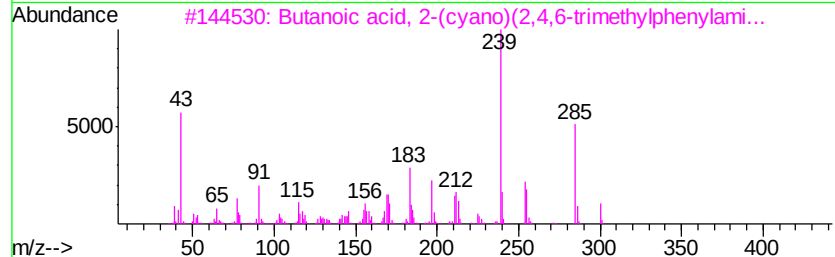
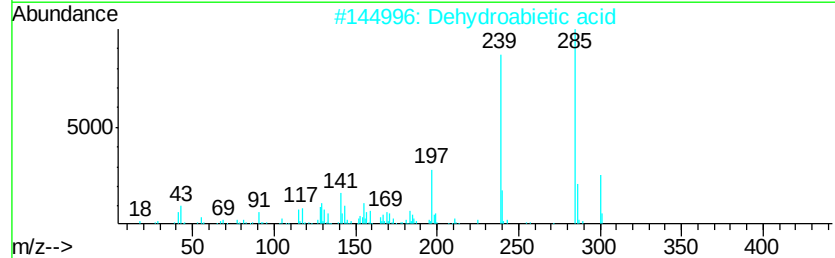
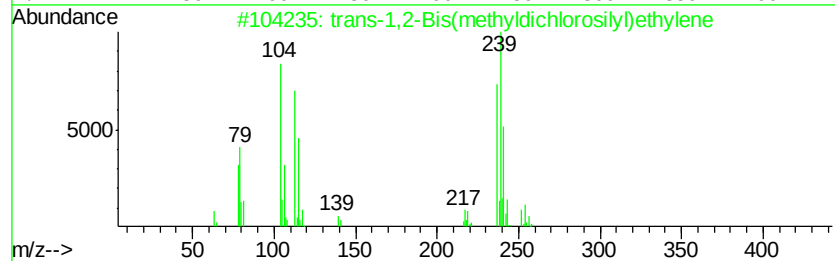
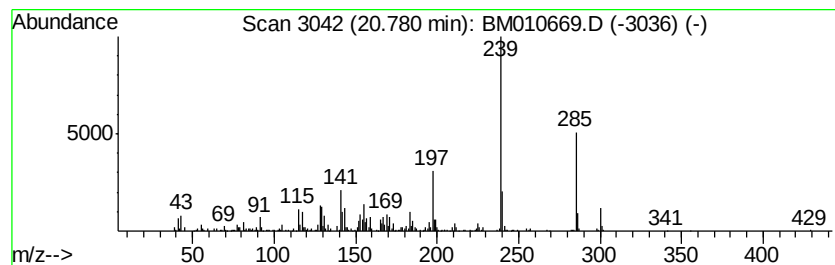
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 trans-1,2-Bis(methyldichloro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.78	6.05 ng/ul	578551	Chrysene-d12	21.08		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		trans-1,2-Bis(methyldichlorosilyl...	252	C4H8Cl4Si2	065899-10-7	94
2		Dehydroabiatic acid	300	C20H28O2	001740-19-8	74
3		Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	74
4		Ethyl 4-hydroxy-7-trifluoromethy...	285	C13H10F3N3	000391-02-6	58
5		2-Methyl-1-pyridin-3-yl-3-(2,2,2...	356	C16H15Cl3N2O	1000277-72-3	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010669.D
Acq On : 22 Jun 2017 20:45
Operator : SJ/JU
Sample : I3625-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B06

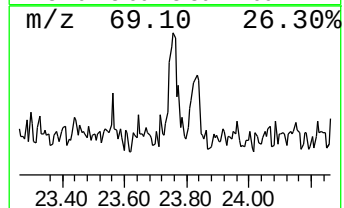
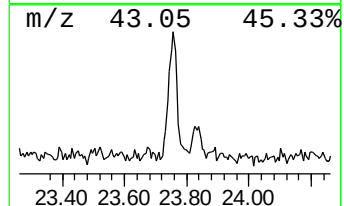
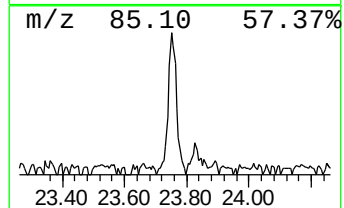
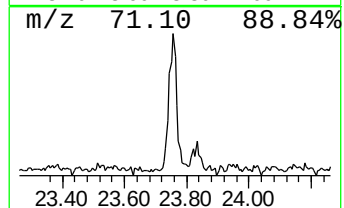
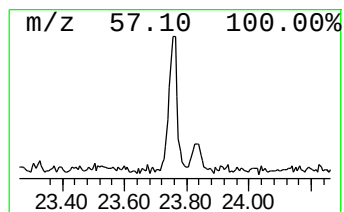
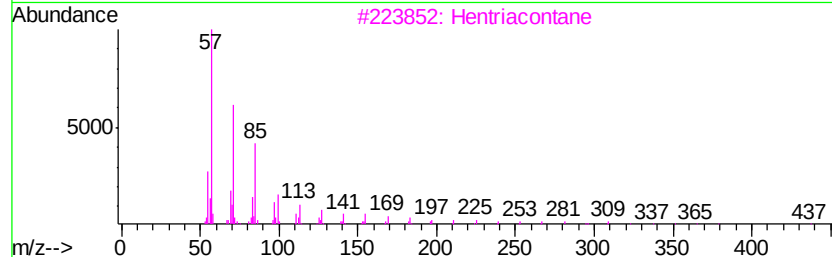
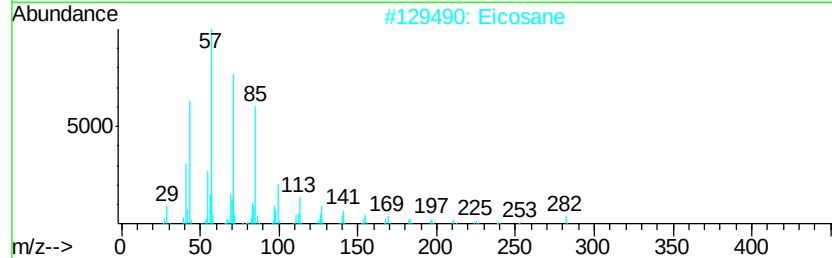
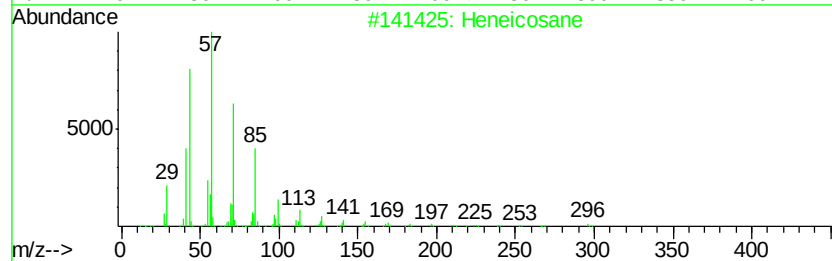
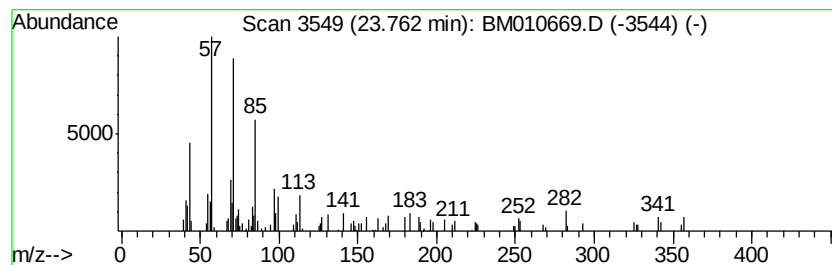
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	2.13 ng/ul	134711	Perylene-d12	23.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	93
2			Eicosane	282	C20H42	000112-95-8	90
3			Hentriacontane	437	C31H64	000630-04-6	76
4			Nonadecane	268	C19H40	000629-92-5	76
5			Hentriacontane	437	C31H64	000630-04-6	74



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Acq On : 22 Jun 2017 20:45
Operator : SJ/JU
Sample : I3625-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

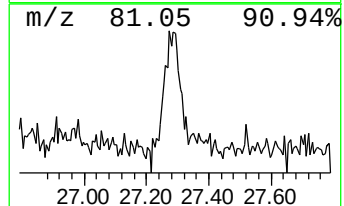
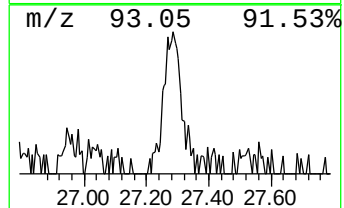
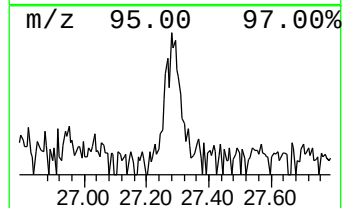
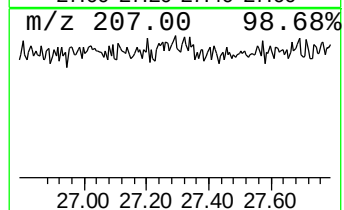
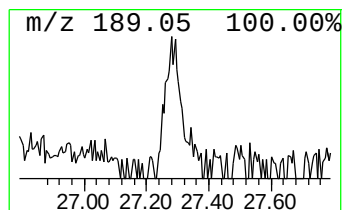
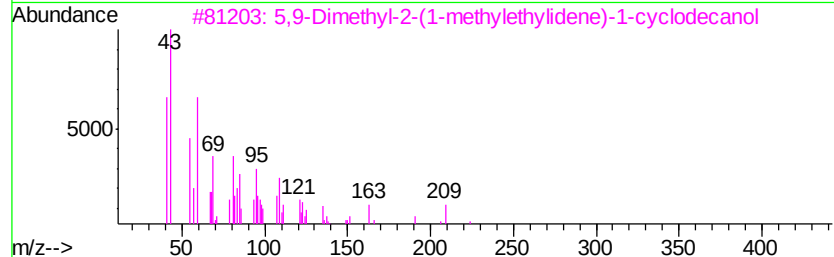
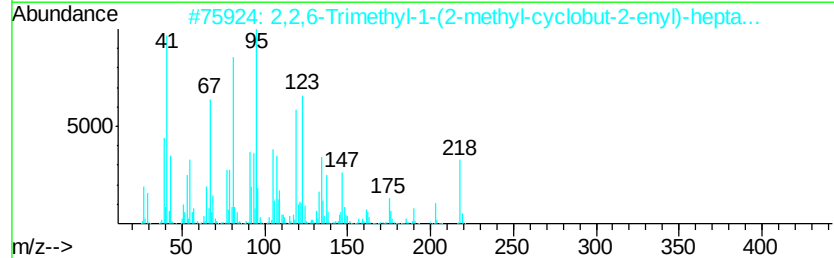
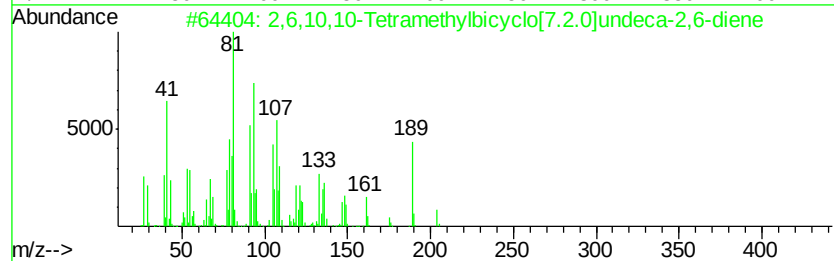
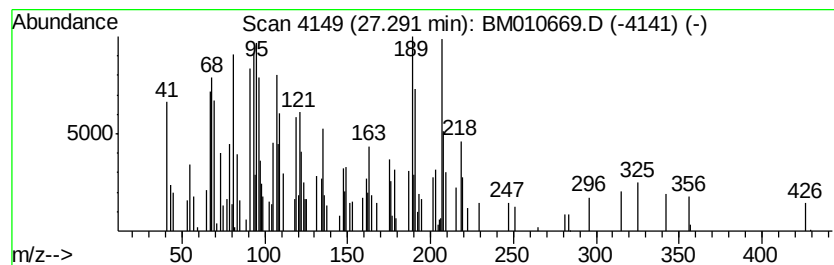
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 2,6,10,10-Tetramethylbicycl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
27.29	2.83 ng/ul	178561	Perylene-d12	23.22		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,10-Tetramethylbicyclo[7.2...	204	C15H24	136296-37-2	53	
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	30	
3	5,9-Dimethyl-2-(1-methylethylide...	224	C15H28O	069239-72-1	27	
4	Toluene, 4-chloro-2-fluoro-5-nitro-	189	C7H5ClFN02	018349-11-6	27	
5	7-Oxabicyclo[4.1.0]heptane, 2,2,...	218	C15H22O	070038-20-9	25	



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Sample : I3625-06
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.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
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Limonene	7.69	2.5	ng/ul	56878	1	7.46	454806	20.0
n-Hexadecanoic acid	17.79	3.7	ng/ul	251731	4	16.87	1368940	20.0
unknown-01	20.65	4.1	ng/ul	392871	5	21.08	1913850	20.0
trans-1,2-Bis(met...	20.78	6.0	ng/ul	578551	5	21.08	1913850	20.0
(DEL) Alkane: Str...	23.76	2.1	ng/ul	134711	6	23.22	1263930	20.0
2,6,10,10-Tetrame...	27.29	2.8	ng/ul	178561	6	23.22	1263930	20.0