

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013721.D
 Acq On : 23 Jan 2018 07:55
 Operator : SJ/JU
 Sample : J1220-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A06

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-BM011018.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	3.157	25	29	38	rVB4	32557	49853	1.90%	0.157%
2	4.769	296	303	309	rBV6	21953	45500	1.74%	0.144%
3	6.298	556	563	573	rVB	353008	544500	20.77%	1.719%
4	6.792	641	647	656	rBV2	396456	758969	28.95%	2.396%
5	6.951	669	674	684	rBV	327196	499310	19.04%	1.576%
6	7.040	684	689	698	rVB2	31162	53697	2.05%	0.170%
7	7.140	700	706	715	rBV	440767	711091	27.12%	2.245%
8	7.222	715	720	730	rBV	112297	205590	7.84%	0.649%
9	7.604	779	785	794	rVB	599748	970332	37.01%	3.063%
10	8.322	901	907	922	rBV	392629	688541	26.26%	2.174%
11	8.763	975	982	990	rBV	432194	715393	27.28%	2.258%
12	8.892	997	1004	1010	rBV4	17641	33565	1.28%	0.106%
13	9.163	1044	1050	1057	rVB2	47090	73562	2.81%	0.232%
14	9.481	1098	1104	1113	rBV	348581	599724	22.87%	1.893%
15	10.016	1189	1195	1203	rBV2	488513	882540	33.66%	2.786%
16	10.380	1251	1257	1265	rBV	754181	1276908	48.70%	4.031%
17	10.533	1276	1283	1297	rBV	341055	665762	25.39%	2.102%
18	13.674	1811	1817	1822	rBV	911848	1275593	48.65%	4.027%
19	13.721	1822	1825	1833	rVB	351527	501557	19.13%	1.583%
20	13.945	1857	1863	1875	rVB	1021106	1526320	58.21%	4.818%
21	14.163	1895	1900	1906	rVB2	39693	54513	2.08%	0.172%
22	14.257	1910	1916	1923	rBV2	986445	1543603	58.87%	4.873%
23	14.492	1950	1956	1971	rBV2	204856	444529	16.95%	1.403%
24	14.698	1984	1991	2001	rVV6	25207	50625	1.93%	0.160%
25	15.068	2049	2054	2057	rBV2	18488	28832	1.10%	0.091%
26	15.121	2059	2063	2069	rVB2	55364	69522	2.65%	0.219%
27	15.257	2079	2086	2095	rBV	1275072	1815617	69.24%	5.732%
28	15.398	2104	2110	2120	rBV2	283876	462923	17.65%	1.461%
29	15.986	2206	2210	2217	rBV2	49495	80339	3.06%	0.254%
30	16.780	2342	2345	2348	rBV3	29673	33976	1.30%	0.107%
31	17.015	2378	2385	2393	rBV	1257795	1831553	69.85%	5.782%
32	17.109	2395	2401	2413	rVB2	1368148	1960103	74.75%	6.188%
33	17.515	2466	2470	2476	rBV3	19534	26485	1.01%	0.084%
34	17.915	2533	2538	2548	rBV3	133998	232605	8.87%	0.734%

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35	18.209	2582	2588	2593	rBV7	15407	26851	1.02%	0.085%
36	19.056	2728	2732	2734	rBV3	27990	35840	1.37%	0.113%
37	19.203	2754	2757	2764	rVV4	82311	124074	4.73%	0.392%
38	19.415	2787	2793	2801	rBV	1653596	2305789	87.94%	7.279%
39	20.403	2957	2961	2963	rBV	75992	82555	3.15%	0.261%
40	20.897	3042	3045	3048	rBV4	49253	76435	2.92%	0.241%
41	20.933	3048	3051	3056	rVB3	213324	291949	11.13%	0.922%
42	21.209	3093	3098	3106	rBV	1688509	2225082	84.86%	7.024%
43	21.821	3199	3202	3207	rVB4	161833	199147	7.59%	0.629%
44	22.250	3272	3275	3278	rBV4	57342	76274	2.91%	0.241%
45	22.744	3355	3359	3364	rBV2	161866	212993	8.12%	0.672%
46	23.268	3442	3448	3458	rVB2	1369078	2622083	100.00%	8.278%
47	23.409	3466	3472	3480	rVB	1185425	2171661	82.82%	6.856%
48	23.927	3555	3560	3567	rVB4	165419	298937	11.40%	0.944%
49	24.650	3679	3683	3689	rVB7	107504	213783	8.15%	0.675%

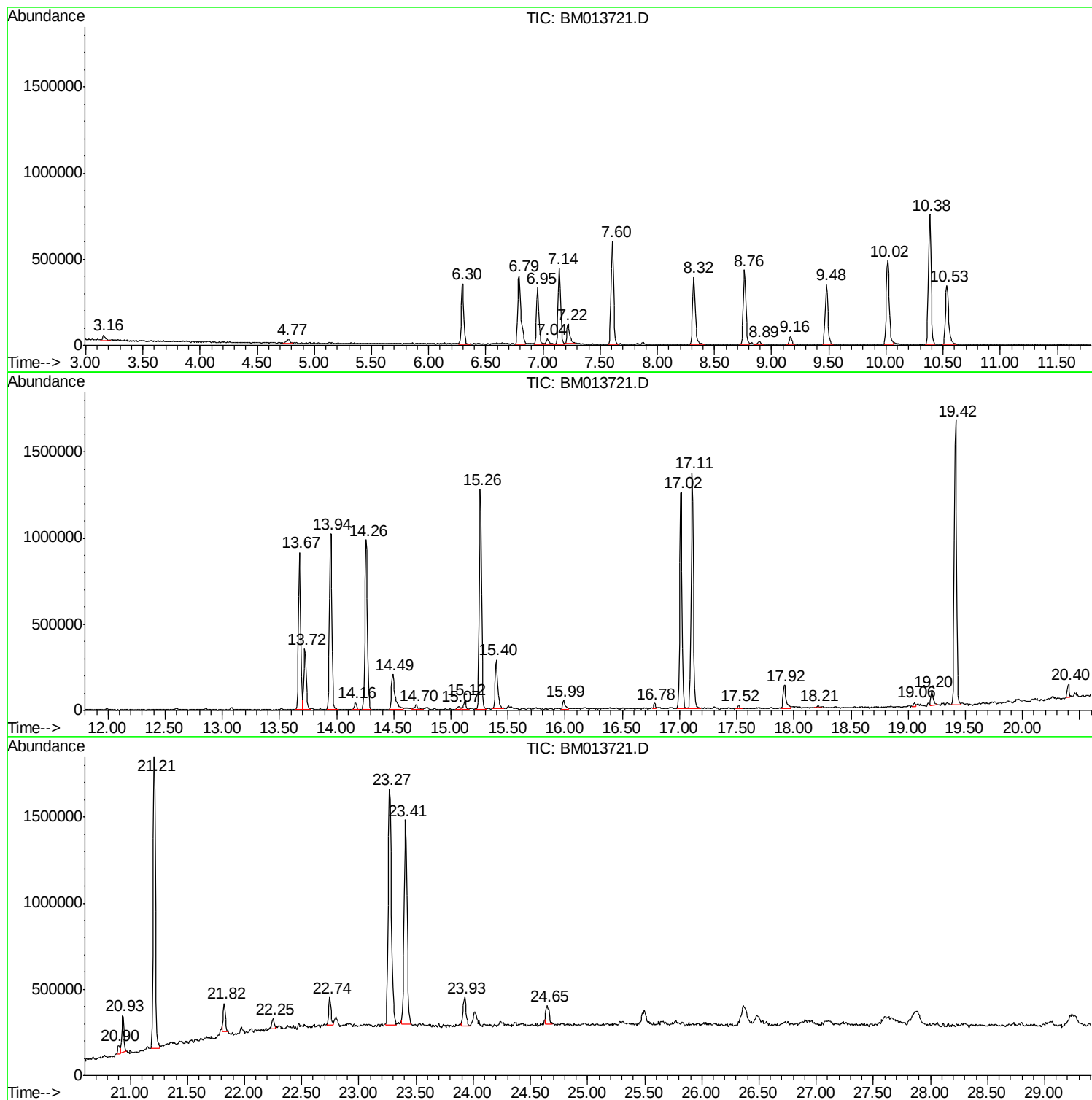
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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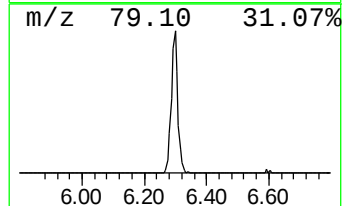
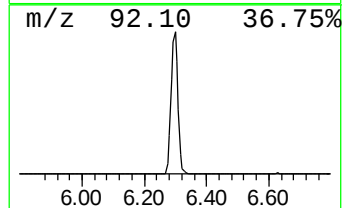
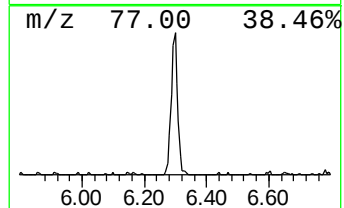
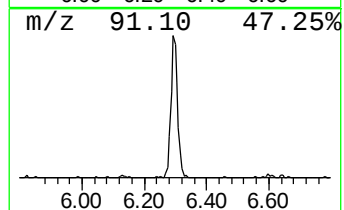
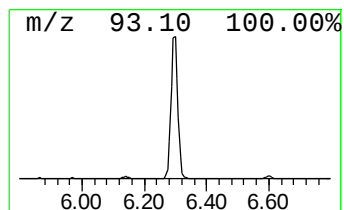
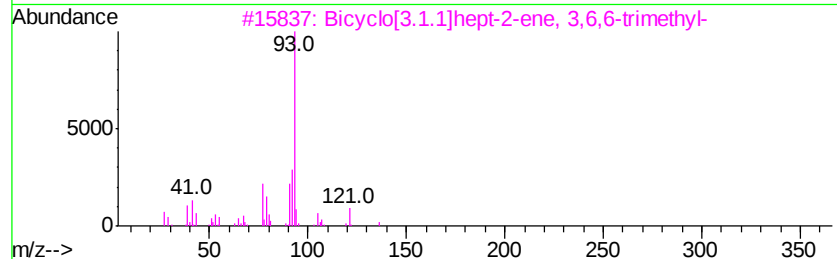
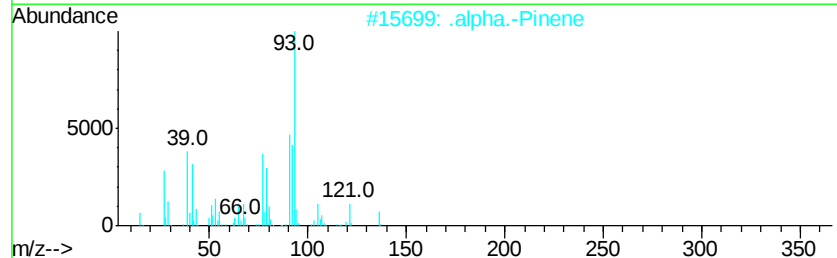
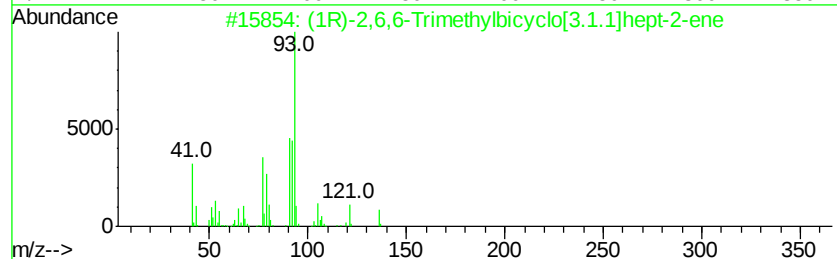
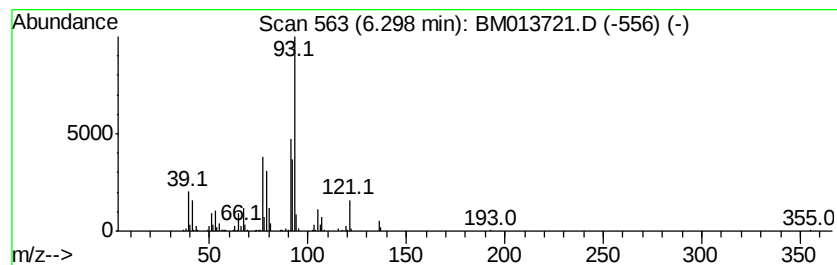
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	11.22 ng/ul	544500	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	96
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	94
4		.gamma.-Terpinene	136	C10H16	000099-85-4	91
5		.gamma.-Terpinene	136	C10H16	000099-85-4	90



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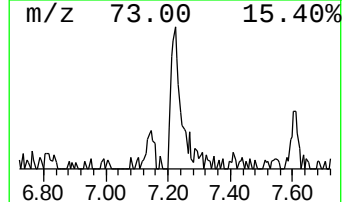
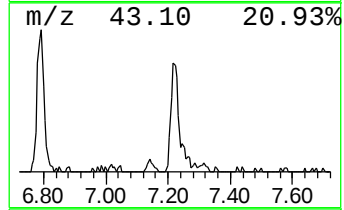
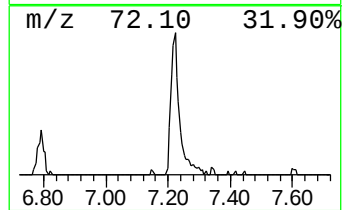
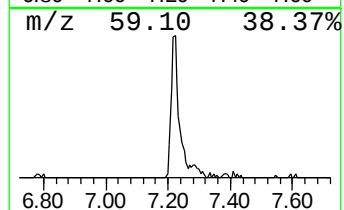
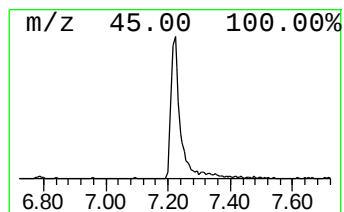
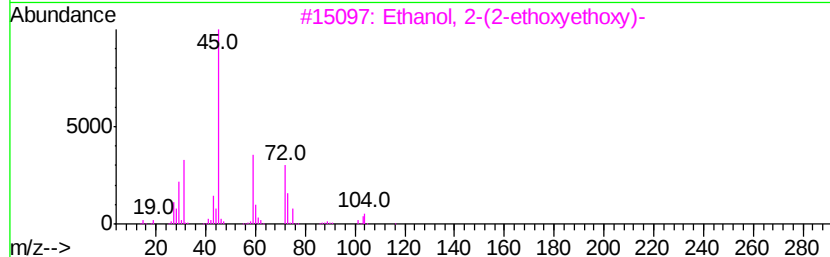
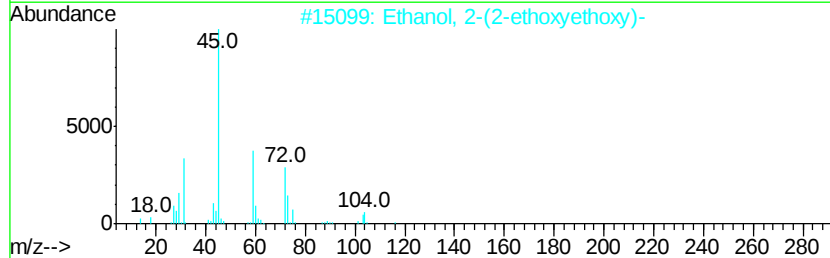
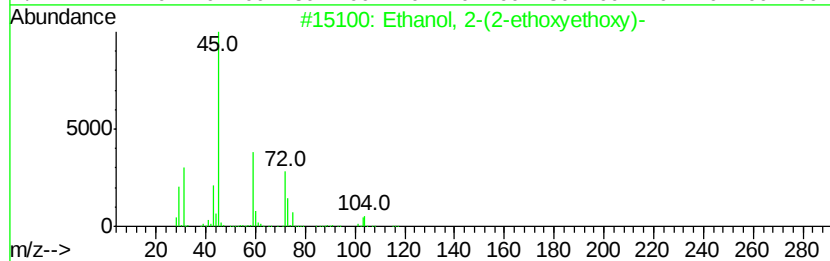
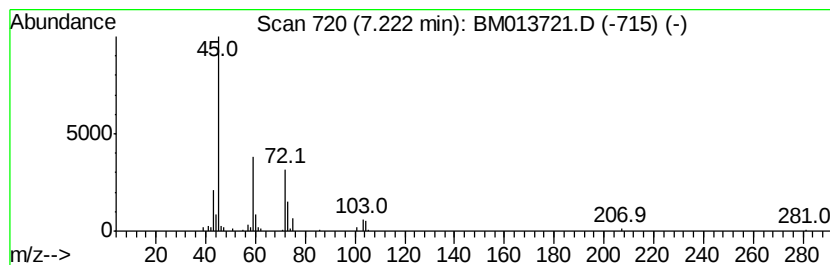
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	4.24 ng/ul	205590	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
4		Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	59
5		Diethyl carbitol	162	C8H18O3	000112-36-7	56



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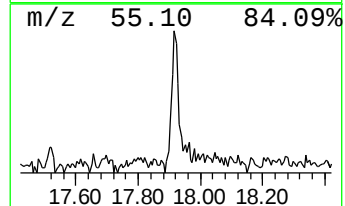
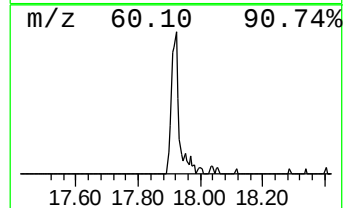
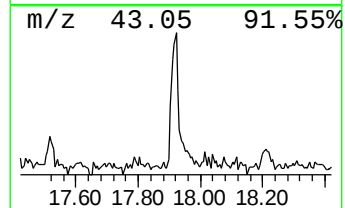
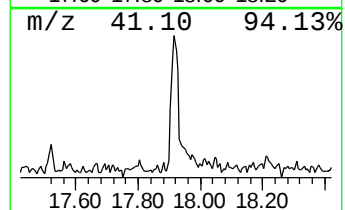
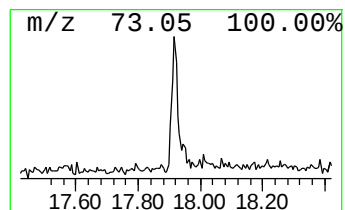
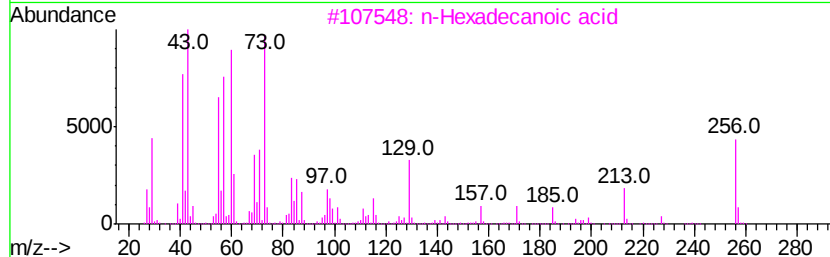
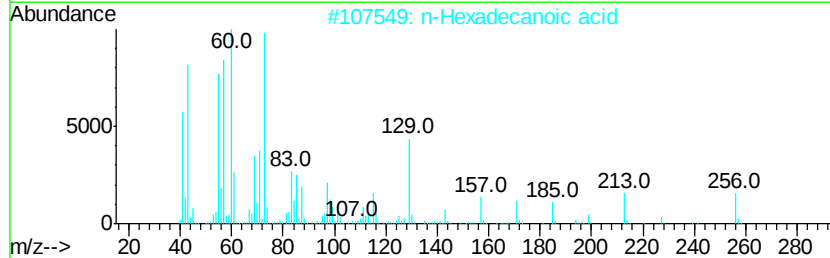
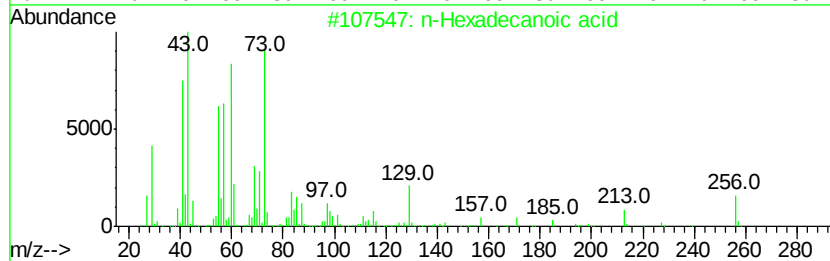
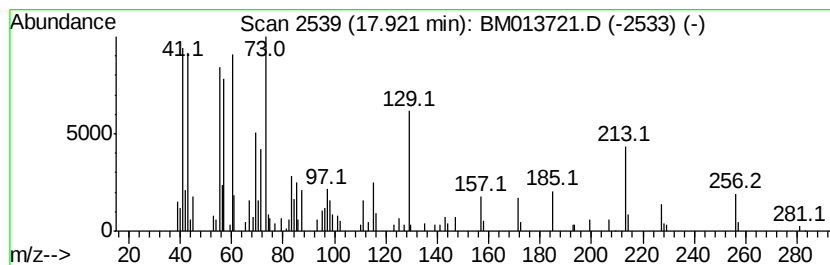
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.54 ng/ul	232605	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
4		Tridecanoic acid	214	C13H26O2	000638-53-9	58
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	50



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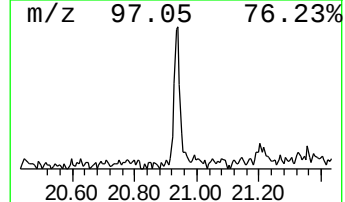
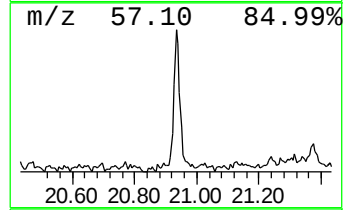
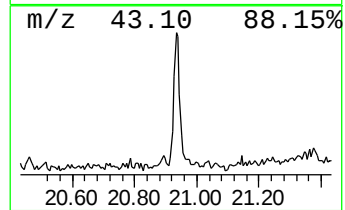
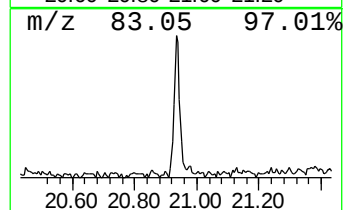
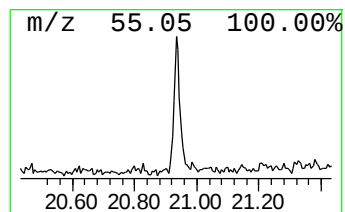
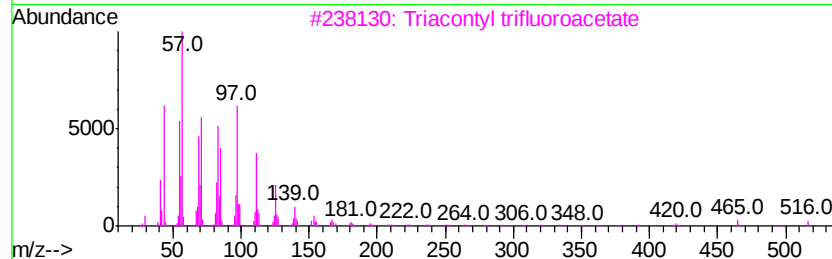
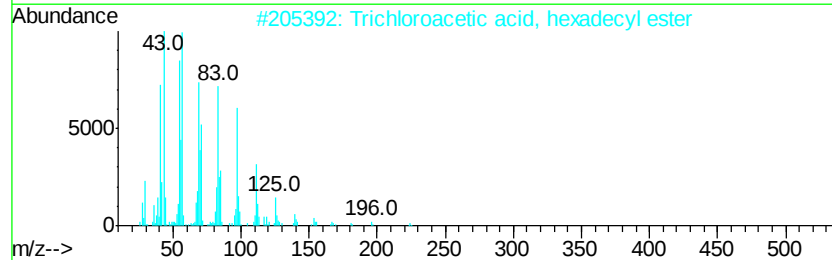
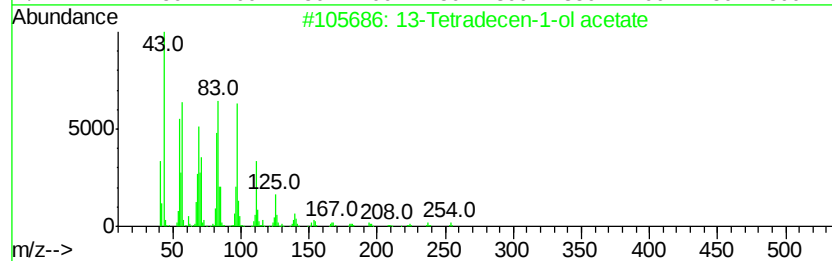
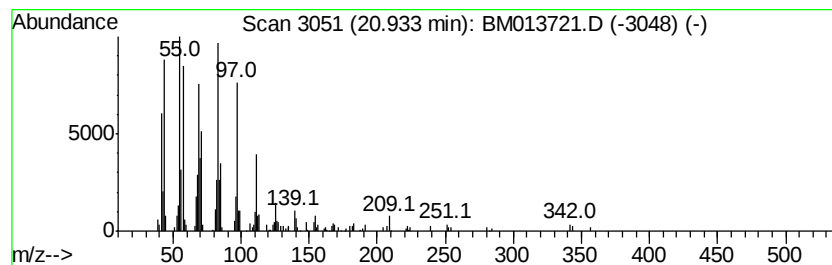
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Peak Number 4 13-Tetradecen-1-ol acetate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	2.62 ng/ul	291949	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	70
2		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	62
3		Triacetyl trifluoroacetate	534	C32H61F3O2	1000351-75-7	60
4		Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	60
5		Triacetyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	60



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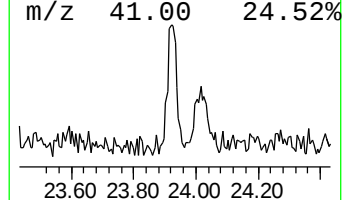
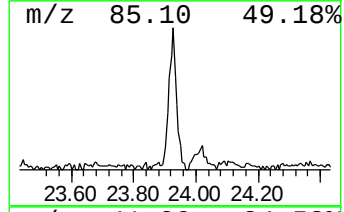
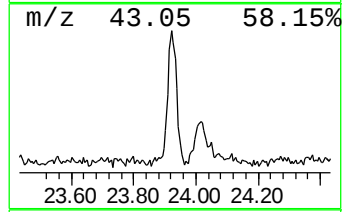
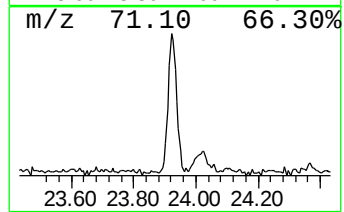
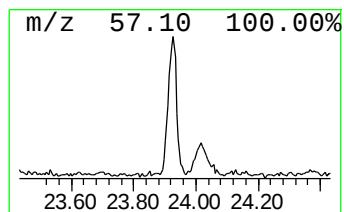
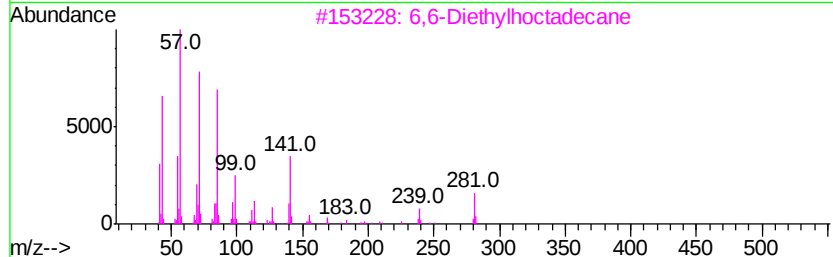
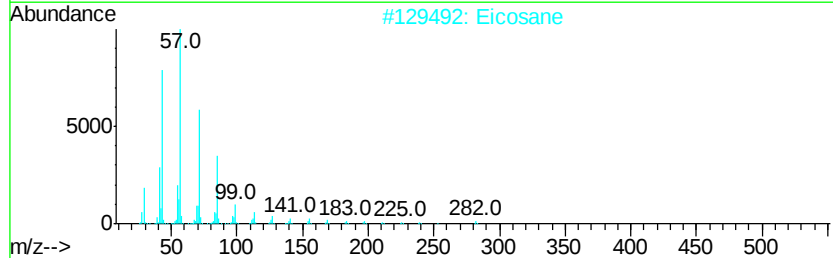
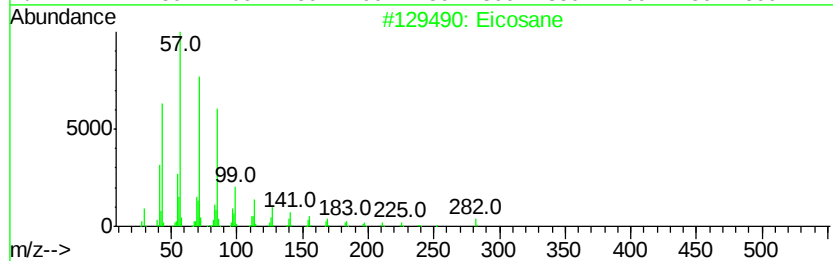
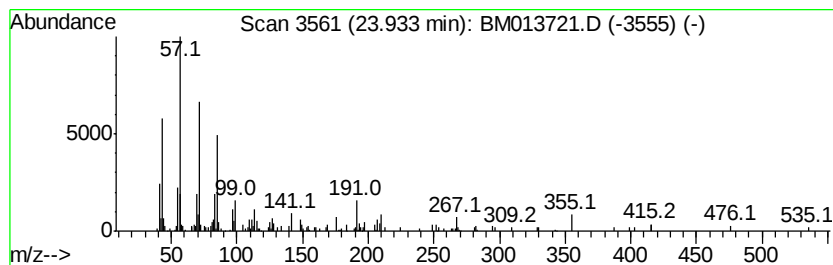
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.75 ng/ul	298937	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	89
2		Eicosane	282	C20H42	000112-95-8	76
3		6,6-Diethylhooctadecane	310	C22H46	1000360-41-8	74
4		Eicosane	282	C20H42	000112-95-8	70
5		Hexacosane	366	C26H54	000630-01-3	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012218\
Data File : BM013721.D
Acq On : 23 Jan 2018 07:55
Operator : SJ/JU
Sample : J1220-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A06

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.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
(1R)-2,6,6-Trimet...	6.30	11.2	ng/ul	544500	1	7.61	970332	20.0
Ethanol, 2-(2-eth...	7.22	4.2	ng/ul	205590	1	7.61	970332	20.0
n-Hexadecanoic acid	17.92	2.5	ng/ul	232605	4	17.02	1831550	20.0
13-Tetradecen-1-o...	20.93	2.6	ng/ul	291949	5	21.21	2225080	20.0
(DEL) Alkane: Str...	23.93	2.8	ng/ul	298937	6	23.41	2171660	20.0