

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\
 Data File : BM013457.D
 Acq On : 16 Dec 2017 02:18
 Operator : SJ/JU
 Sample : I6779-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A85

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-BM113017.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	4.252	194	198	203	rBV2	142247	179522	2.62%	0.244%
2	4.834	292	297	306	rVB	108029	155144	2.26%	0.211%
3	6.857	634	641	651	rVB	1308031	2277089	33.24%	3.094%
4	7.016	662	668	677	rBV	941193	1403819	20.49%	1.907%
5	7.210	694	701	709	rBV	1336921	2047112	29.88%	2.781%
6	7.675	773	780	788	rBV	882383	1407276	20.54%	1.912%
7	8.381	893	900	909	rBV	1640809	2648448	38.66%	3.598%
8	8.828	969	976	985	rVB	1302688	2034304	29.69%	2.764%
9	9.545	1090	1098	1105	rBV	1097144	1801673	26.30%	2.448%
10	10.081	1180	1189	1202	rBV	1629394	2797623	40.84%	3.801%
11	10.451	1245	1252	1258	rBV	1229803	1983711	28.96%	2.695%
12	10.598	1269	1277	1287	rBV	861443	1567421	22.88%	2.130%
13	11.986	1504	1513	1520	rBV	904043	1464404	21.38%	1.990%
14	13.733	1803	1810	1815	rBV	3067441	4147471	60.54%	5.635%
15	13.780	1815	1818	1826	rVB	614387	785702	11.47%	1.068%
16	14.010	1847	1857	1868	rBV	3322838	4864555	71.01%	6.609%
17	14.221	1888	1893	1900	rVB	87457	116390	1.70%	0.158%
18	14.316	1900	1909	1916	rBV2	1776364	2658292	38.80%	3.612%
19	14.533	1937	1946	1960	rBV	1263548	1981520	28.92%	2.692%
20	15.180	2051	2056	2062	rVB	117771	154869	2.26%	0.210%
21	15.316	2071	2079	2085	rBV	4007256	5633637	82.23%	7.654%
22	15.445	2095	2101	2113	rBV	1154417	1605533	23.44%	2.181%
23	15.557	2116	2120	2124	rBV3	43246	83283	1.22%	0.113%
24	16.039	2198	2202	2210	rBV	121197	204691	2.99%	0.278%
25	16.833	2330	2337	2341	rBV2	70553	94377	1.38%	0.128%
26	17.068	2370	2377	2382	rBV2	2195850	3175263	46.35%	4.314%
27	17.110	2382	2384	2387	rVV	107141	115244	1.68%	0.157%
28	17.168	2387	2394	2405	rVB	4175431	6058056	88.43%	8.231%
29	17.968	2525	2530	2544	rBV	320485	557948	8.14%	0.758%
30	19.103	2718	2723	2725	rBV2	57585	81403	1.19%	0.111%
31	19.127	2725	2727	2735	rVB2	54427	73712	1.08%	0.100%
32	19.256	2744	2749	2758	rBV3	191728	314634	4.59%	0.427%
33	19.468	2778	2785	2791	rBV	5083764	6850807	100.00%	9.308%
34	19.521	2791	2794	2799	rVB2	75306	99632	1.45%	0.135%

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35	20.974	3037	3041	3050	rBV	301937	393465	5.74%	0.535%
36	21.256	3084	3089	3099	rVB	2594644	3231675	47.17%	4.391%
37	22.303	3265	3267	3272	rVB3	80360	93427	1.36%	0.127%
38	22.433	3285	3289	3295	rVB	189991	287275	4.19%	0.390%
39	22.809	3350	3353	3358	rVB5	105963	147461	2.15%	0.200%
40	23.344	3436	3444	3456	rVB	2813903	5487922	80.11%	7.456%
41	23.480	3460	3467	3480	rVB	1376786	2534720	37.00%	3.444%

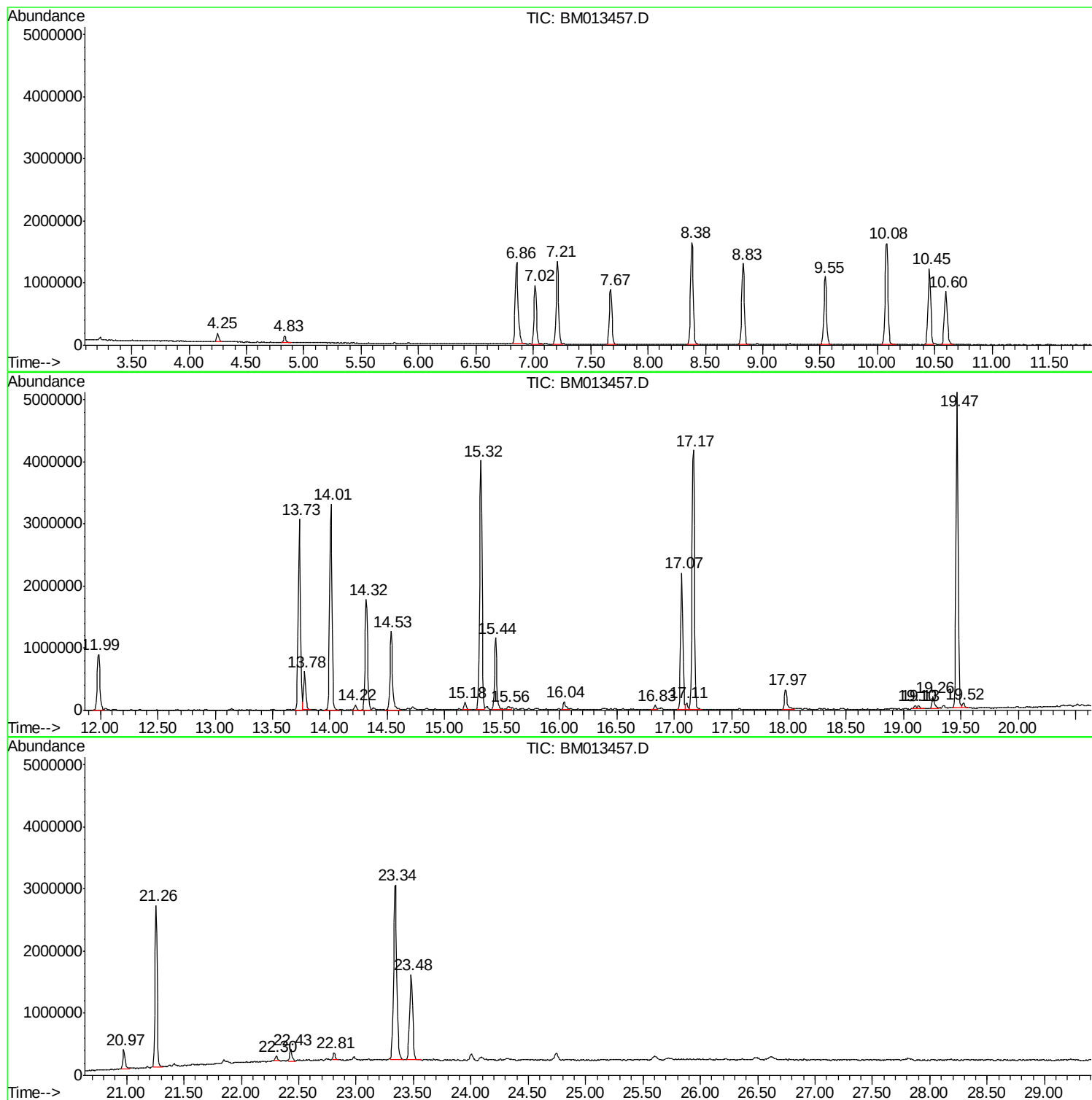
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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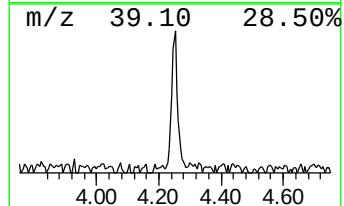
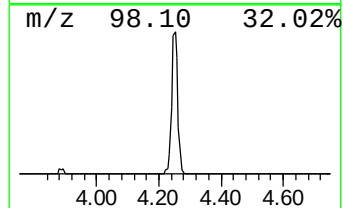
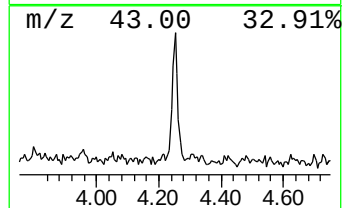
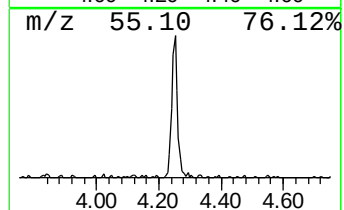
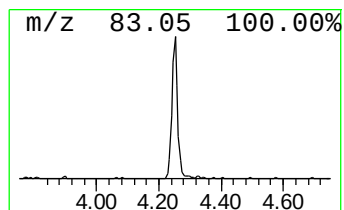
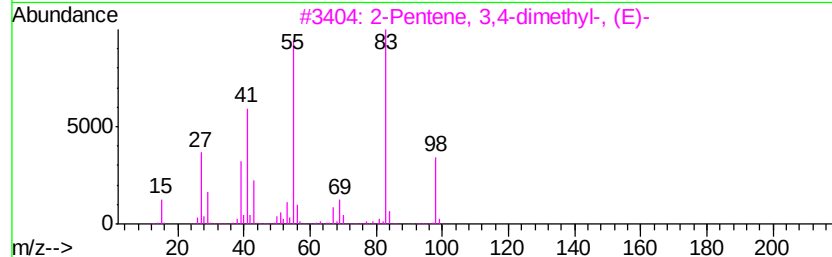
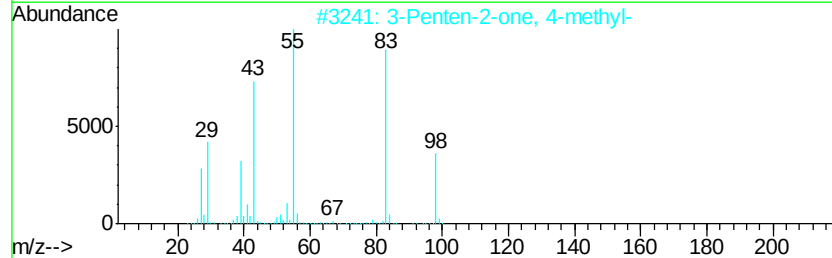
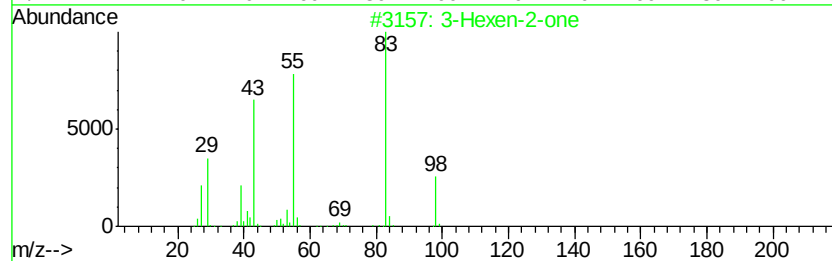
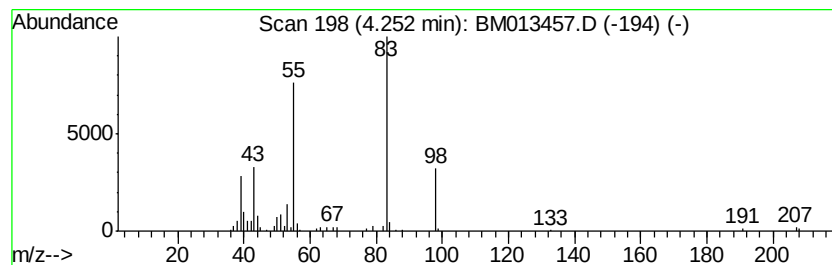
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Hexen-2-one Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	2.55 ng/ul	179522	1,4-Dichlorobenzene-d4	7.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexen-2-one	98	C6H10O	000763-93-9	86
2			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
4			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	78
5			Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78



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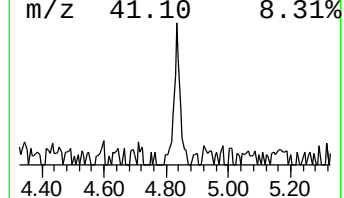
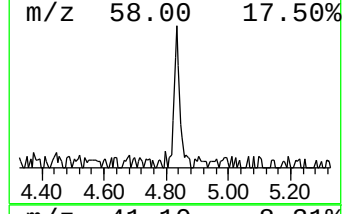
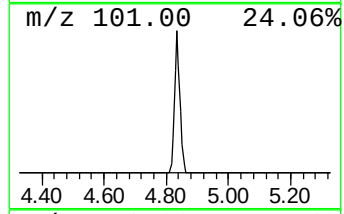
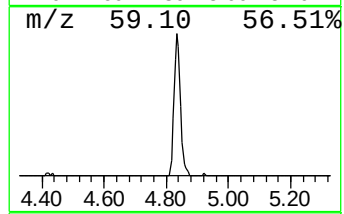
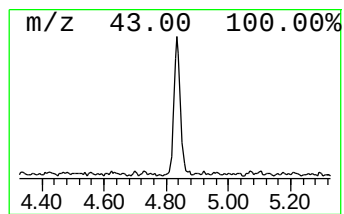
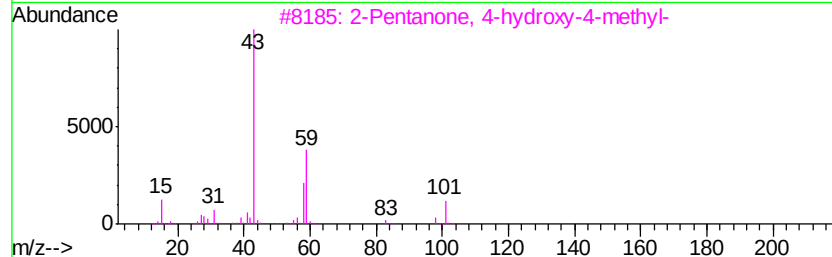
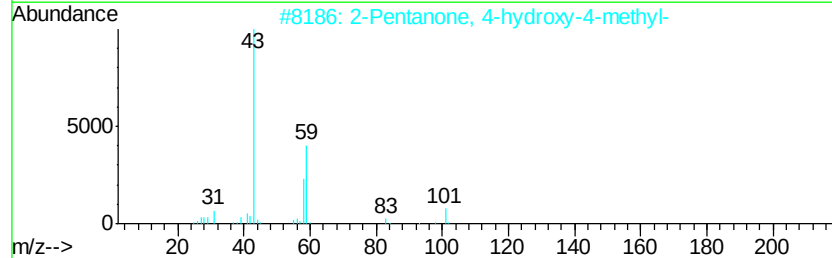
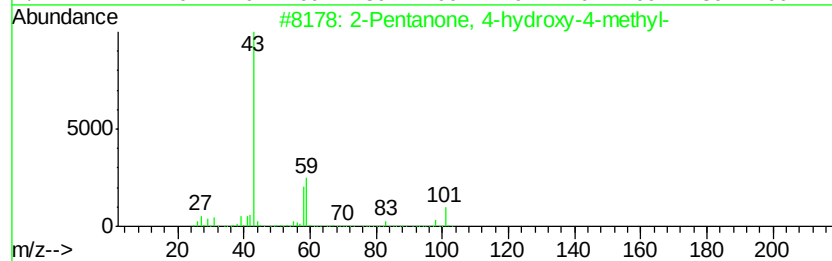
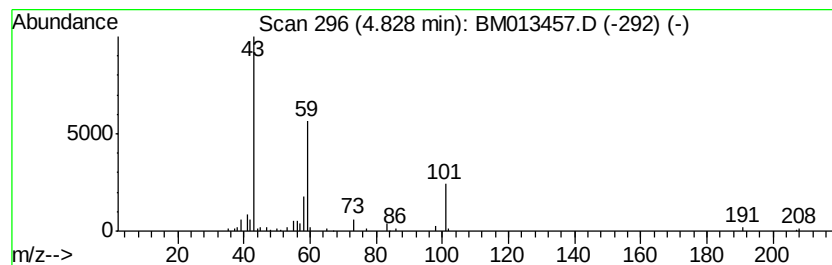
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	2.20 ng/ul	155144	1,4-Dichlorobenzene-d4	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	27
5		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25



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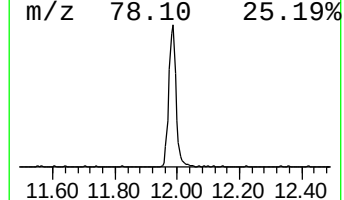
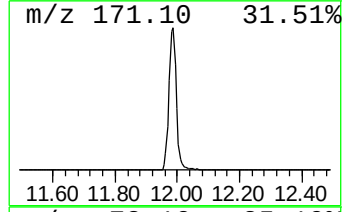
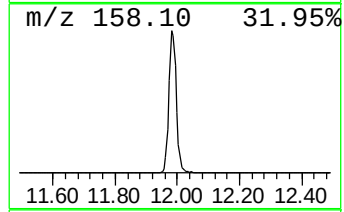
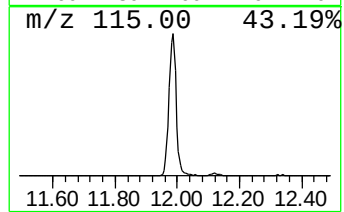
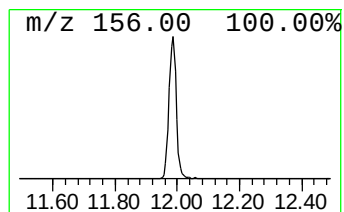
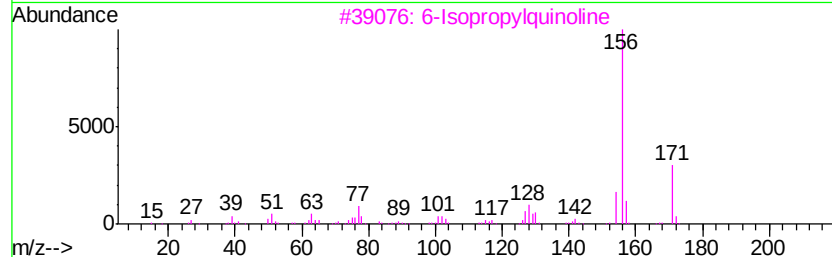
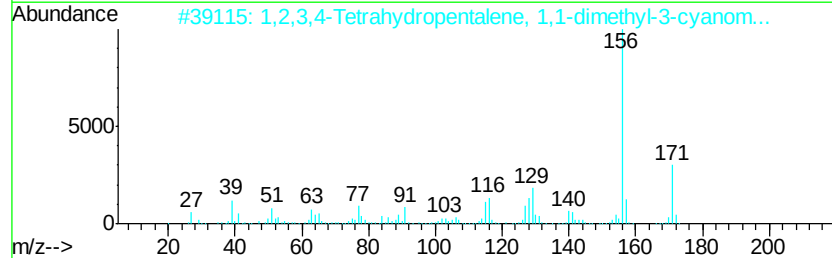
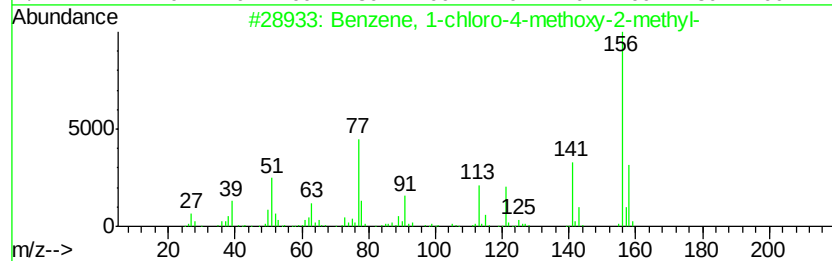
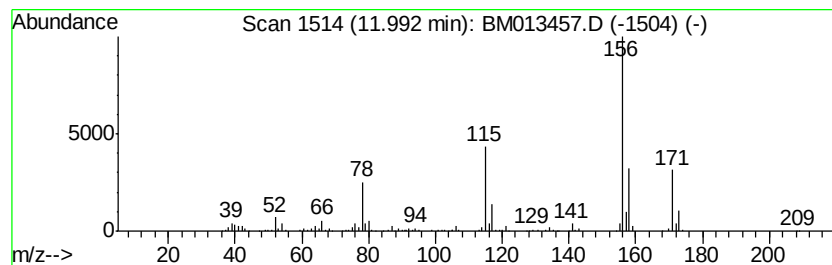
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	14.76 ng/ul	1464400	Napthalene-d8	10.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, 1-chloro-4-methoxy-2-me...	156 C8H9ClO	013334-71-9 43
2		1,2,3,4-Tetrahydropentalene, 1,1...	171 C12H13N	1000217-18-6 37
3		6-Isopropylquinoline	171 C12H13N	000135-79-5 37
4		Benzene, 2,5-cyclohexadien-1-yl-	156 C12H12	004794-05-2 28
5		2-(2-Chloro-pyridin-3-yl)-propan...	171 C8H10ClNO	267003-35-0 25



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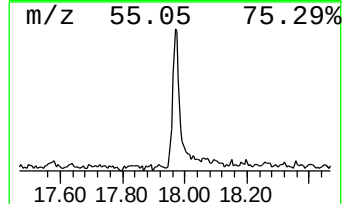
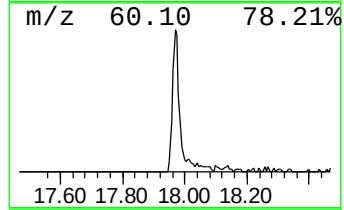
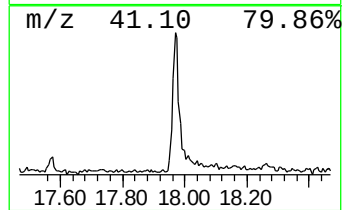
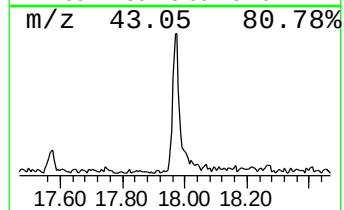
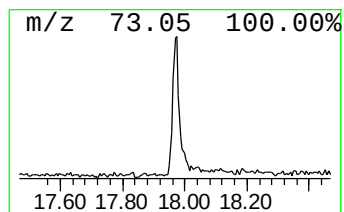
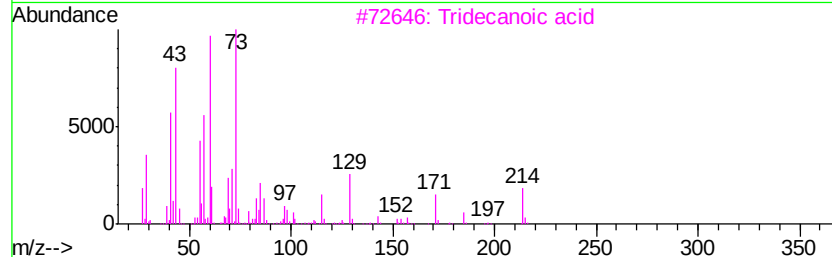
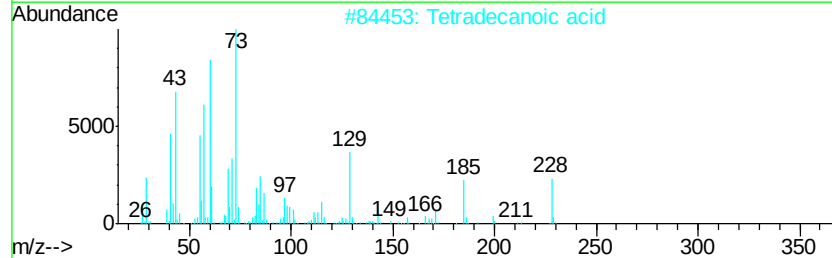
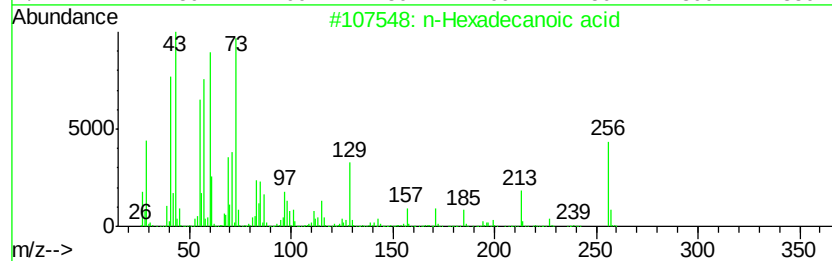
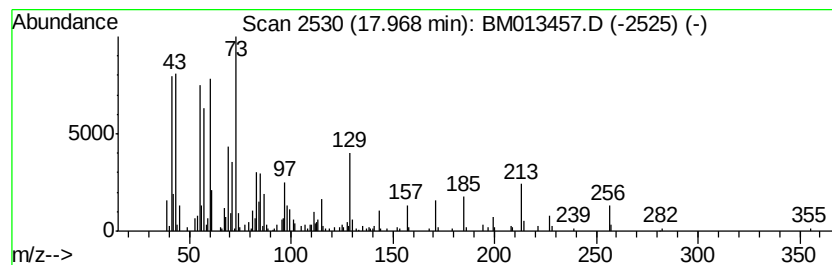
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.51 ng/ul	557948	Phenanthrene-d10	17.07

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	94
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	89
5		Tridecanoic acid	214	C13H26O2	000638-53-9	87



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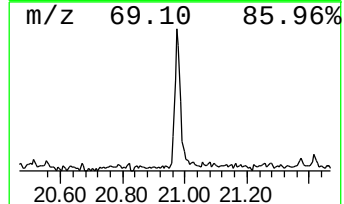
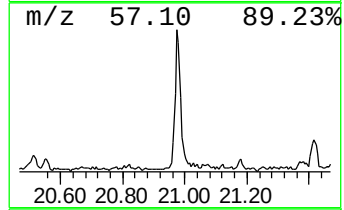
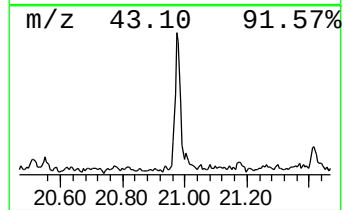
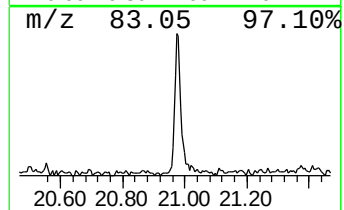
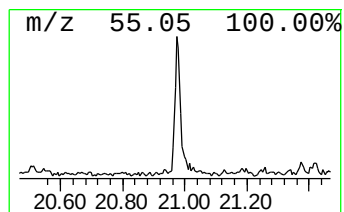
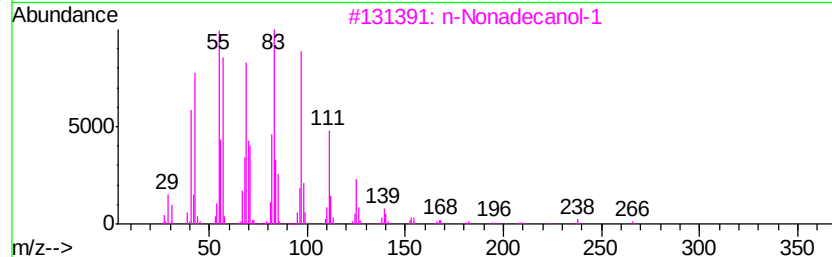
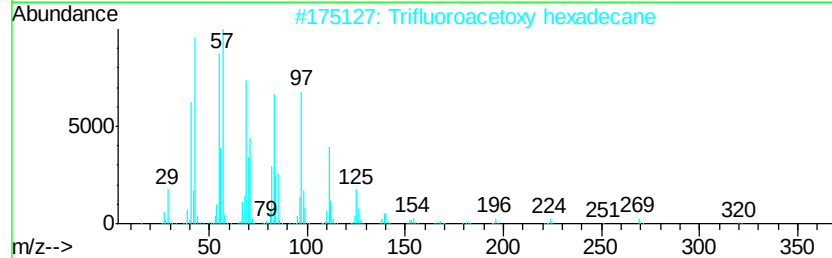
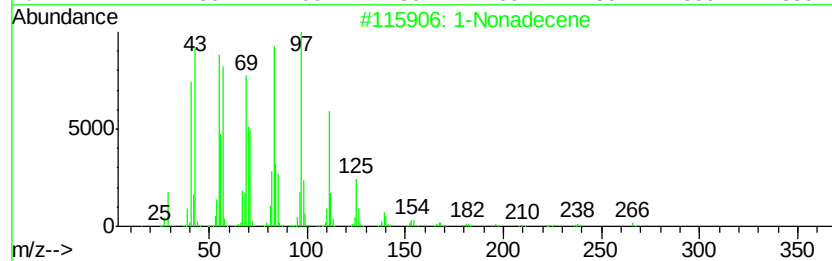
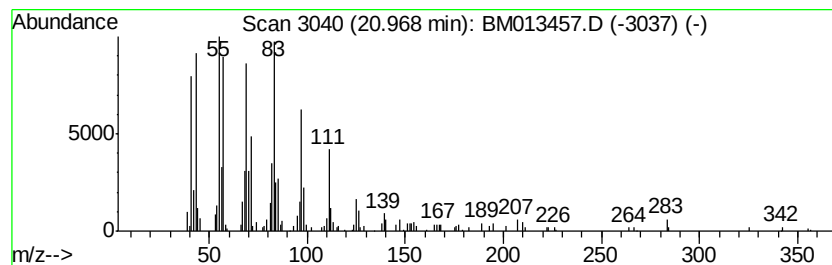
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	2.44 ng/ul	393465	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonadecene	266	C19H38	018435-45-5	95
2		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3		n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4		1-Nonadecene	266	C19H38	018435-45-5	91
5		Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	89



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Data File : BM013457.D
Acq On : 16 Dec 2017 02:18
Operator : SJ/JU
Sample : I6779-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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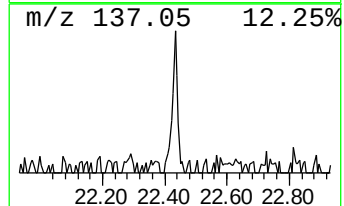
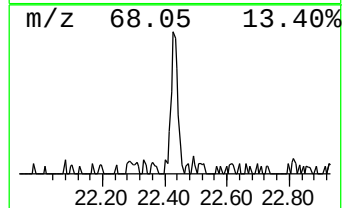
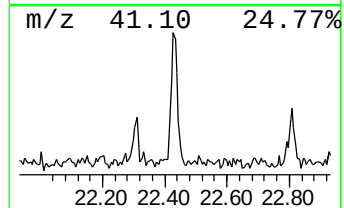
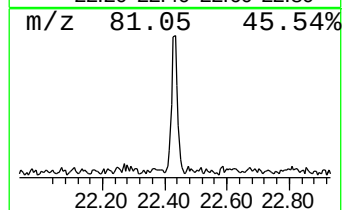
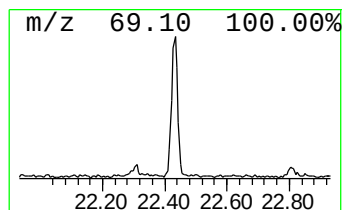
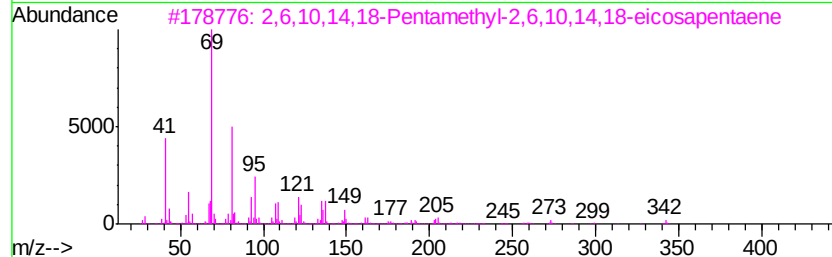
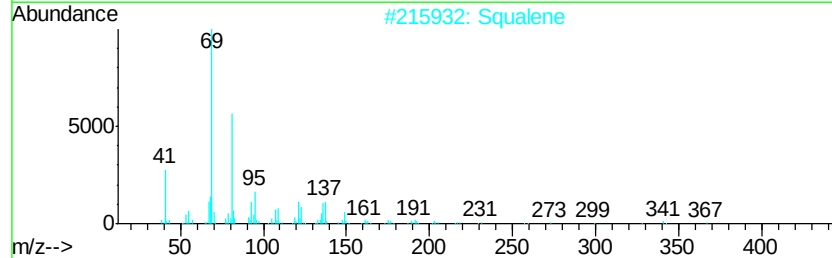
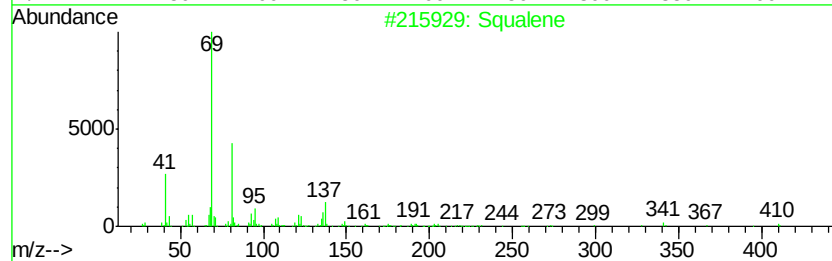
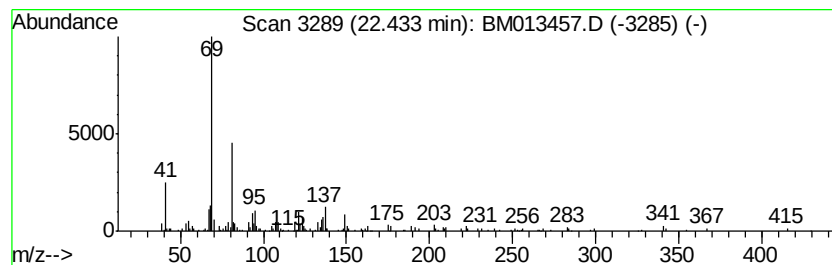
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	2.27 ng/ul	287275	Perylene-d12	23.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	000111-02-4	86
2		Squalene	410	C30H50	000111-02-4	80
3		2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	74
4		Supraene	410	C30H50	007683-64-9	72
5		trans-Farnesol	222	C15H26O	000106-28-5	72



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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A85

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.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
3-Hexen-2-one	4.25	2.5	ng/ul	179522	1	7.67	1407280	20.0
2-Pentanone, 4-hy...	4.83	2.2	ng/ul	155144	1	7.67	1407280	20.0
unknown-01	11.99	14.8	ng/ul	1464400	2	10.45	1983710	20.0
n-Hexadecanoic acid	17.97	3.5	ng/ul	557948	4	17.07	3175260	20.0
(DEL) Alkane: Str...	20.97	2.4	ng/ul	393465	5	21.26	3231680	20.0
Squalene	22.43	2.3	ng/ul	287275	6	23.48	2534720	20.0