

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043018\
 Data File : BM014885.D
 Acq On : 01 May 2018 02:09
 Operator : SJ/JU
 Sample : J2603-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1B68

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-BM041918.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	3.340	4	9	24	rVB	3453639	4480924	65.45%	4.816%
2	3.640	56	60	67	rVB	121295	161189	2.35%	0.173%
3	5.481	367	373	384	rVB	196498	295032	4.31%	0.317%
4	6.504	542	547	557	rVB	41976	69417	1.01%	0.075%
5	7.616	729	736	751	rBV	1756978	3197066	46.70%	3.436%
6	7.798	760	767	780	rBV	1395697	2185348	31.92%	2.349%
7	8.016	797	804	812	rBV	1781575	2933082	42.84%	3.152%
8	8.498	878	886	899	rBV	1502743	2561788	37.42%	2.753%
9	9.192	996	1004	1015	rBV	1971735	3189765	46.59%	3.428%
10	9.675	1079	1086	1094	rBV	1538537	2656450	38.80%	2.855%
11	10.404	1202	1210	1222	rBV	1204288	2062098	30.12%	2.216%
12	10.945	1293	1302	1312	rBV	1870993	3163023	46.20%	3.400%
13	11.339	1361	1369	1382	rBV	1987549	3405425	49.74%	3.660%
14	11.463	1382	1390	1405	rBV	1790415	3070487	44.85%	3.300%
15	13.898	1798	1804	1810	rBV	60887	86874	1.27%	0.093%
16	14.492	1896	1905	1909	rBV	2951285	3987747	58.24%	4.286%
17	14.539	1909	1913	1918	rVB	717481	1014872	14.82%	1.091%
18	14.804	1951	1958	1970	rBV	3248334	4984068	72.80%	5.357%
19	14.951	1978	1983	1988	rBV	197585	241776	3.53%	0.260%
20	15.104	2002	2009	2017	rVB2	2475727	3825297	55.87%	4.111%
21	15.257	2025	2035	2053	rBV	1224770	1915111	27.97%	2.058%
22	15.851	2131	2136	2139	rBV	66719	93417	1.36%	0.100%
23	15.892	2139	2143	2148	rVB	232325	295662	4.32%	0.318%
24	16.080	2168	2175	2181	rBV	3991183	5855741	85.53%	6.294%
25	16.180	2186	2192	2199	rBV	1143871	1560370	22.79%	1.677%
26	16.292	2203	2211	2213	rBV	55967	111336	1.63%	0.120%
27	16.739	2283	2287	2300	rBV	186280	317776	4.64%	0.342%
28	17.521	2416	2420	2425	rBV	101180	136472	1.99%	0.147%
29	17.574	2425	2429	2440	rVB2	29838	72424	1.06%	0.078%
30	17.815	2463	2470	2476	rBV	2765809	4051937	59.18%	4.355%
31	17.909	2480	2486	2498	rVV2	3967106	5905601	86.26%	6.347%
32	18.257	2540	2545	2550	rBV	64783	83169	1.21%	0.089%
33	18.645	2605	2611	2621	rBV	819155	1193959	17.44%	1.283%
34	19.880	2817	2821	2832	rBV	396752	541288	7.91%	0.582%

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35	20.151	2861	2867	2876	rBV	4853827	6488951	94.78%	6.974%
36	21.562	3103	3107	3118	rBV	871316	1200526	17.53%	1.290%
37	21.768	3139	3142	3148	rBV2	122783	138658	2.03%	0.149%
38	21.903	3160	3165	3174	rVB	3257311	4303110	62.85%	4.625%
39	24.221	3552	3559	3575	rVB	3201049	6846517	100.00%	7.358%
40	24.380	3580	3586	3598	rVB2	2093714	4359588	63.68%	4.686%

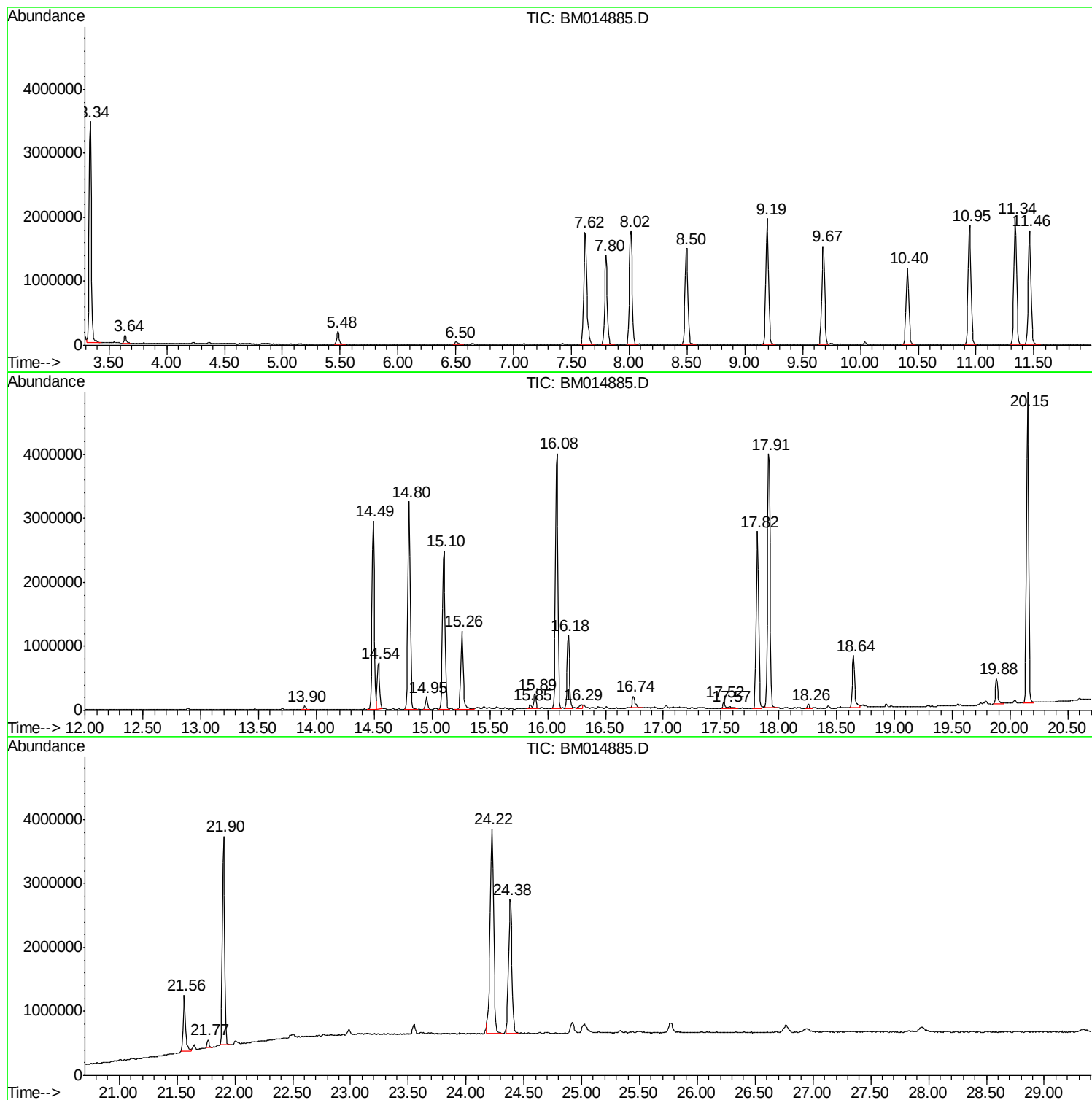
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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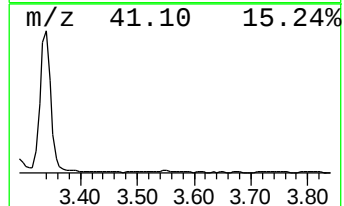
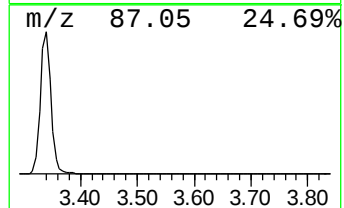
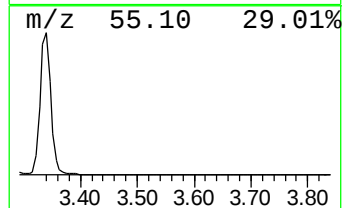
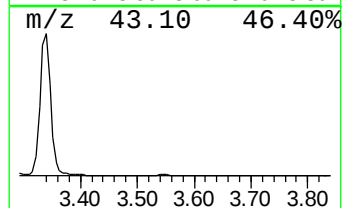
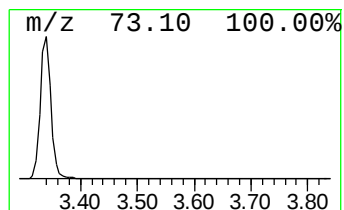
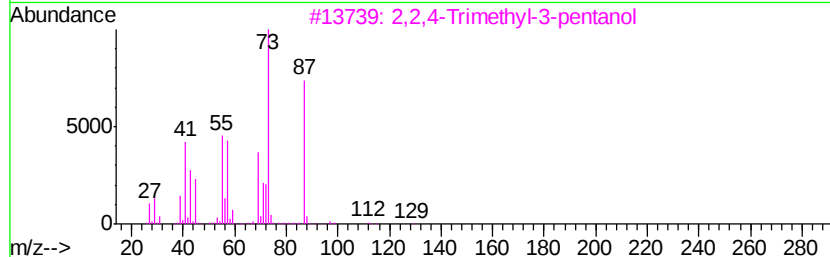
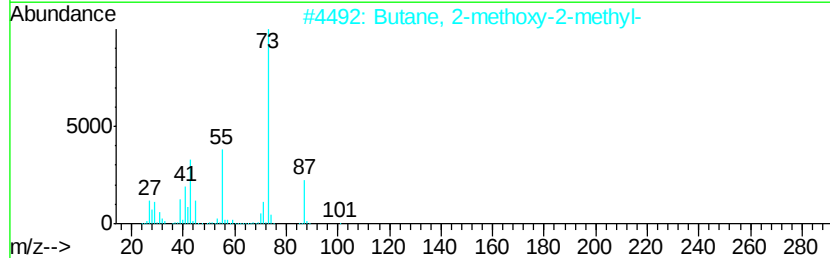
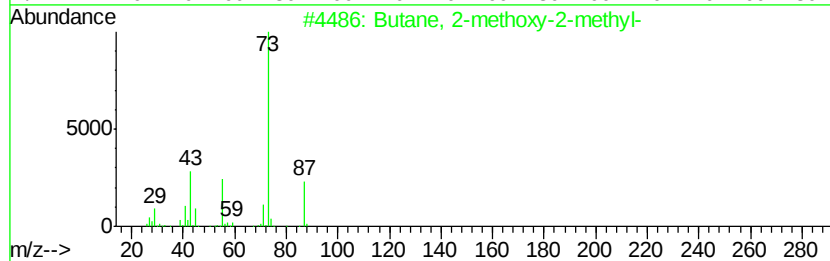
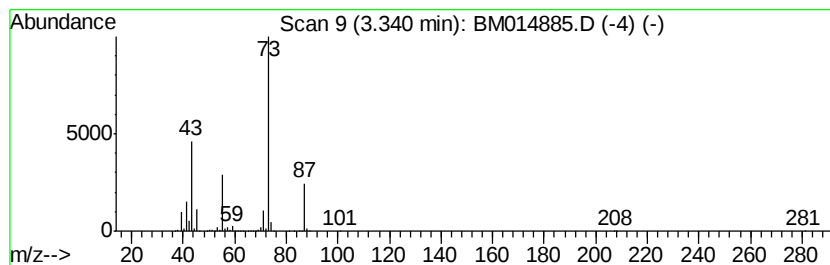
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	34.98 ng/ul	4480920	1,4-Dichlorobenzene-d4	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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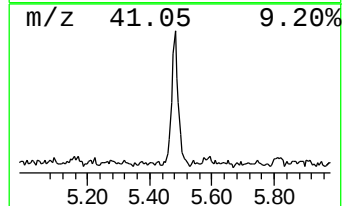
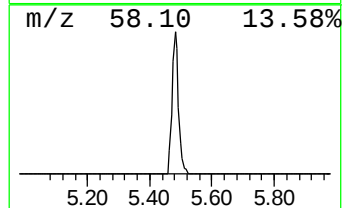
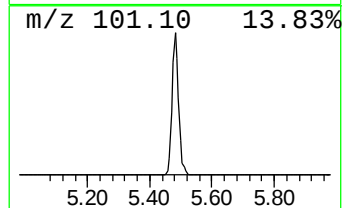
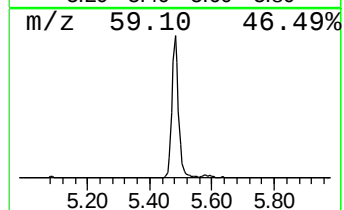
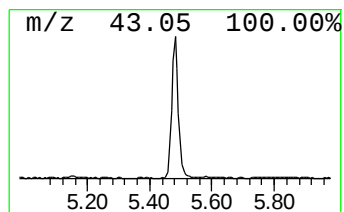
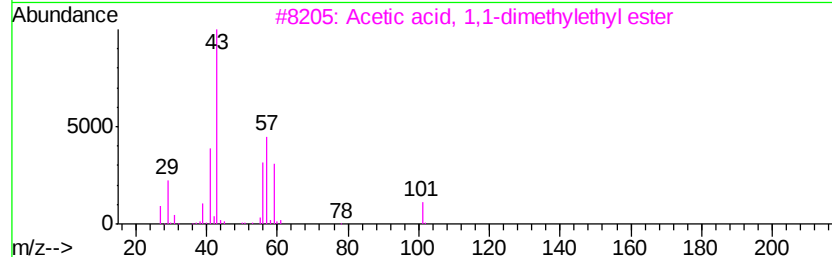
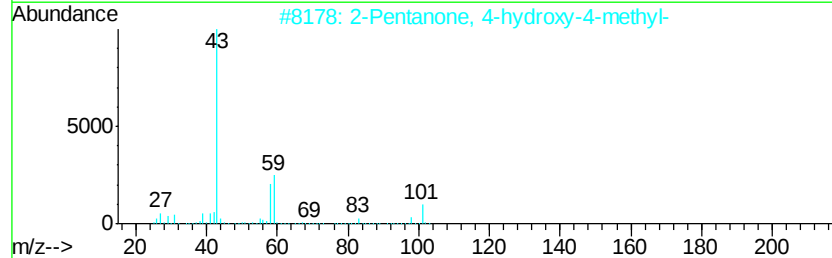
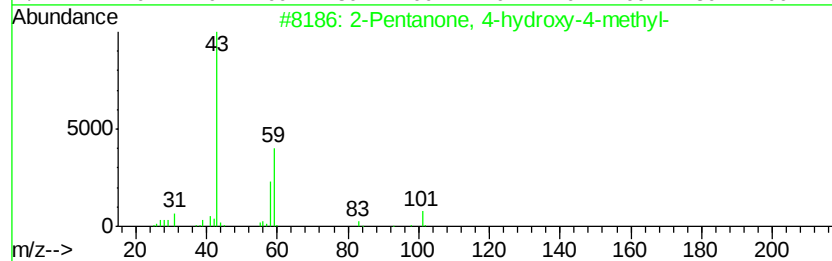
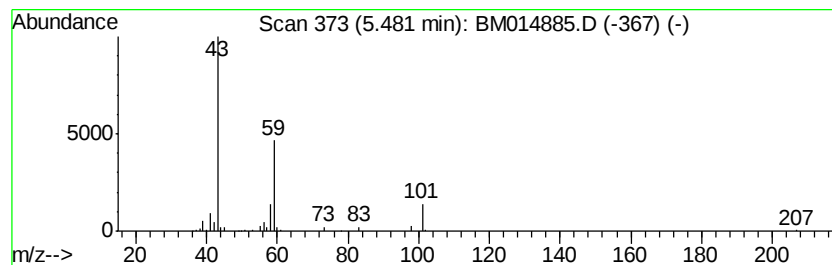
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.48	2.30 ng/ul	295032	1,4-Dichlorobenzene-d4	8.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27



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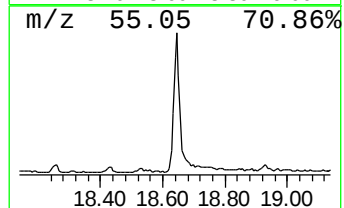
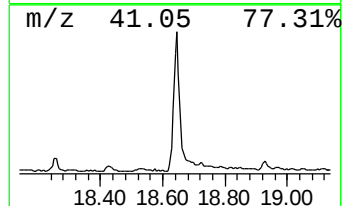
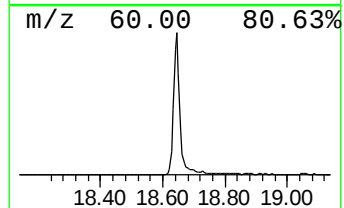
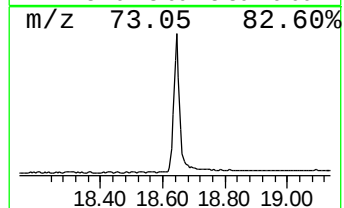
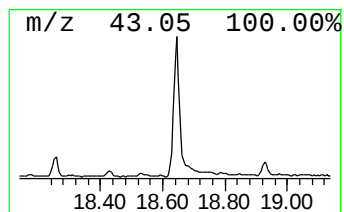
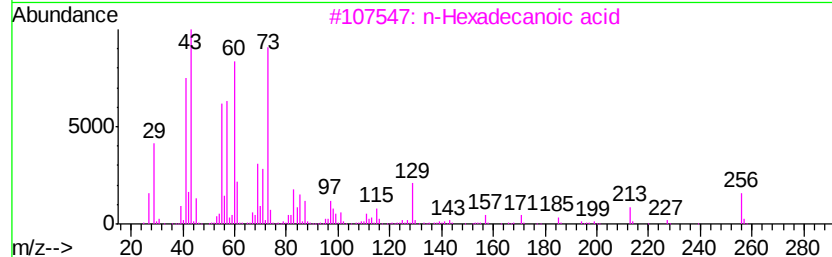
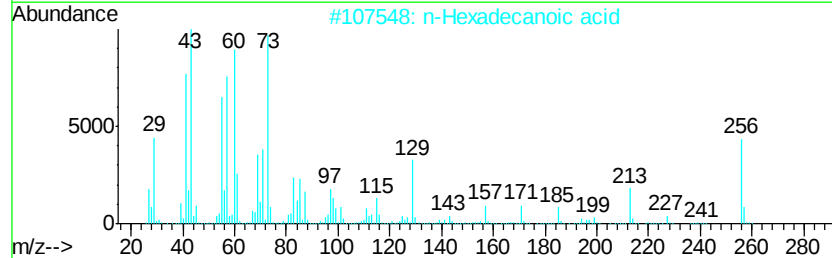
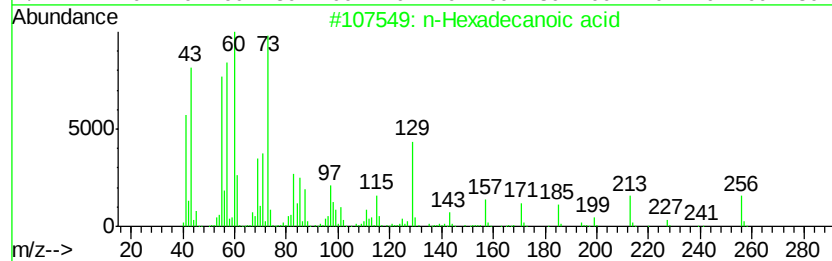
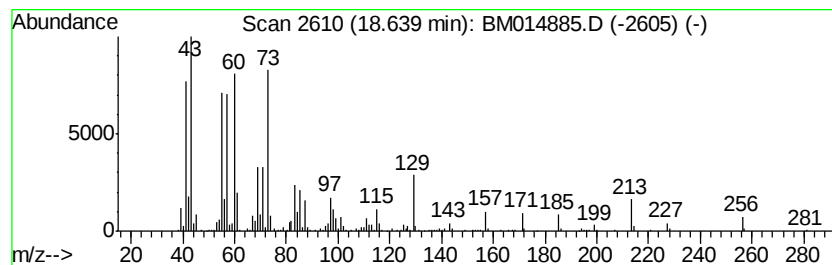
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	5.89 ng/ul	1193960	Phenanthrene-d10	17.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Tridecanoic acid	214	C13H26O2	000638-53-9	83



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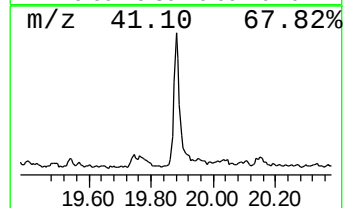
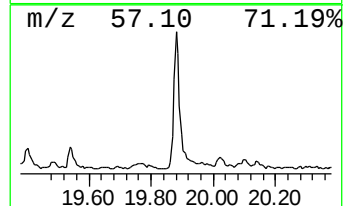
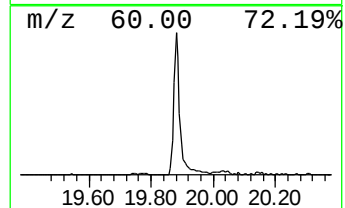
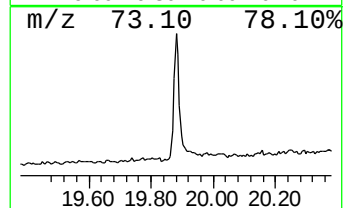
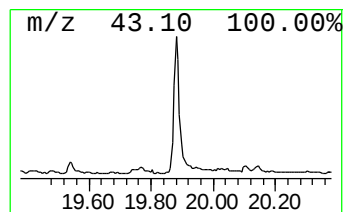
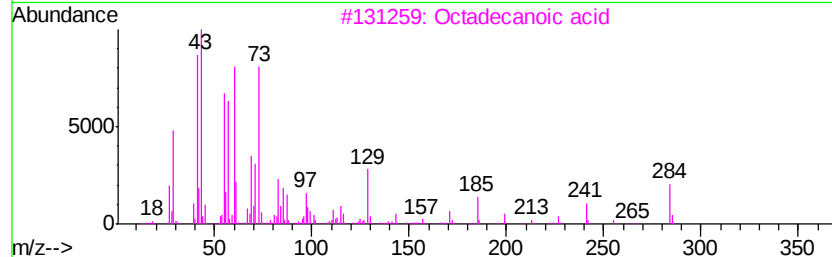
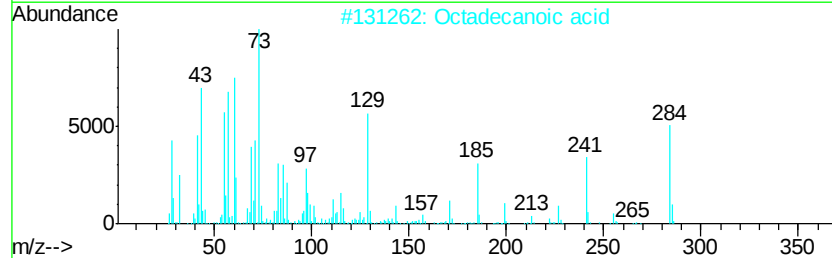
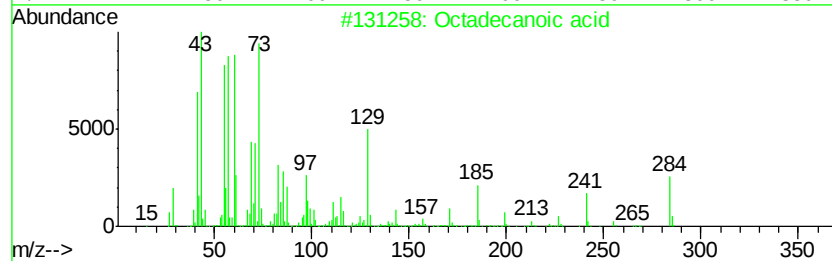
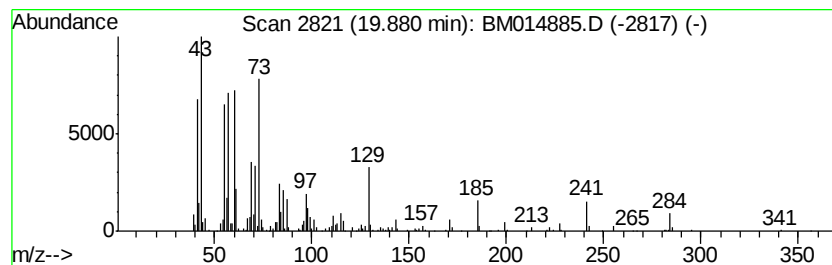
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Peak Number 4 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.52 ng/ul	541288	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	91
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	90



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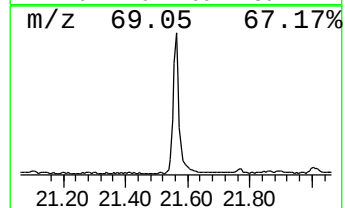
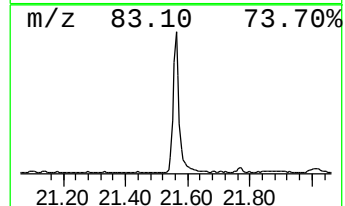
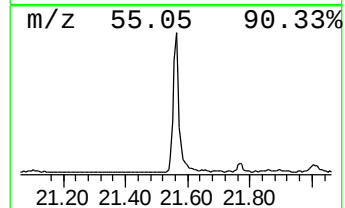
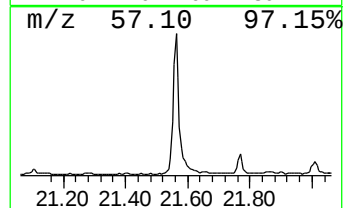
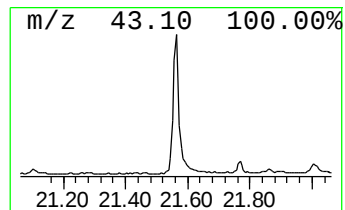
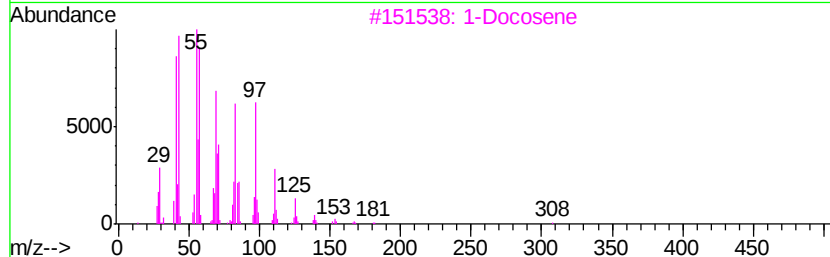
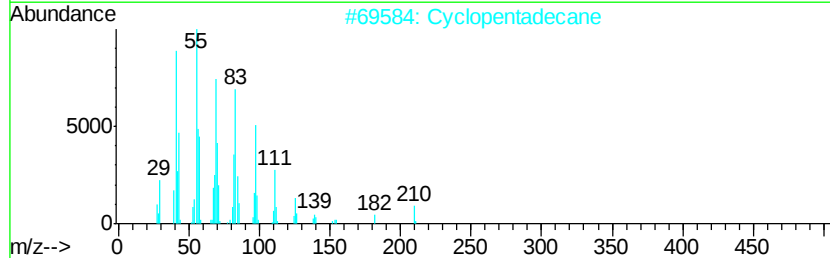
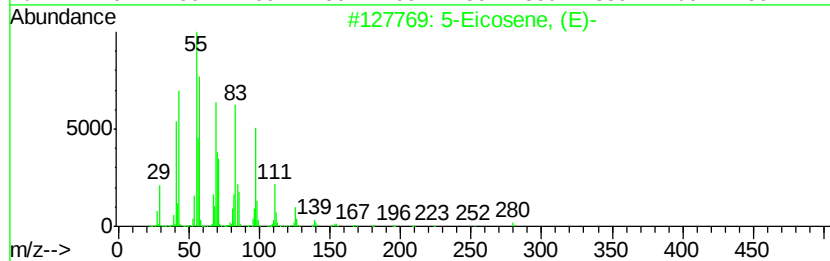
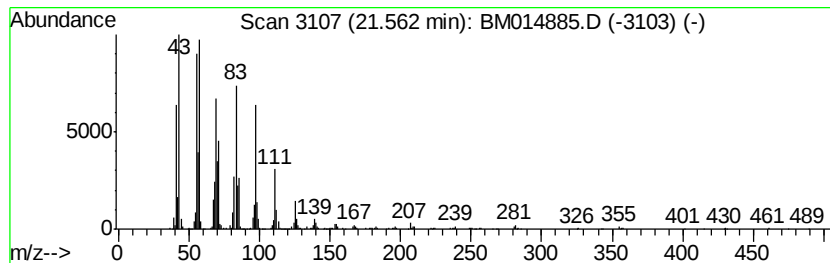
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Peak Number 5 (DEL) Alkane: Cyclic21.56 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	5.58 ng/ul	1200530	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2		Cyclopentadecane	210	C15H30	000295-48-7	96
3		1-Docosene	308	C22H44	001599-67-3	95
4		Cyclotetracosane	336	C24H48	000297-03-0	95
5		3-Eicosene, (E)-	280	C20H40	074685-33-9	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043018\
Data File : BM014885.D
Acq On : 01 May 2018 02:09
Operator : SJ/JU
Sample : J2603-09
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F1B68

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM041918.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
Butane, 2-methoxy...	3.34	35.0	ng/ul	4480920	1	8.50	2561790	20.0
2-Pentanone, 4-hy...	5.48	2.3	ng/ul	295032	1	8.50	2561790	20.0
n-Hexadecanoic acid	18.64	5.9	ng/ul	1193960	4	17.82	4051940	20.0
Octadecanoic acid	19.88	2.5	ng/ul	541288	5	21.90	4303110	20.0
(DEL) Alkane: Cyc...	21.56	5.6	ng/ul	1200530	5	21.90	4303110	20.0