

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
 Data File : BM014929.D
 Acq On : 02 May 2018 19:03
 Operator : SJ/JU
 Sample : J2631-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AH7

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	26	rVB	2690012	3762684	49.11%	3.566%
2	3.640	56	60	74	rVB	129580	193171	2.52%	0.183%
3	5.481	367	373	383	rVB	95813	152565	1.99%	0.145%
4	6.504	539	547	553	rBV	68504	114037	1.49%	0.108%
5	7.134	648	654	661	rVB	292719	462292	6.03%	0.438%
6	7.616	729	736	753	rBV2	1942204	3649166	47.63%	3.458%
7	7.798	755	767	779	rVB2	1598309	3666021	47.85%	3.474%
8	7.922	781	788	796	rVB3	51110	105278	1.37%	0.100%
9	8.010	796	803	813	rBV	2040466	3319535	43.33%	3.146%
10	8.492	878	885	901	rVB	1547704	2564917	33.48%	2.431%
11	8.622	901	907	913	rBV	166795	261632	3.41%	0.248%
12	9.192	995	1004	1017	rBV	2127883	3557967	46.44%	3.372%
13	9.675	1079	1086	1094	rBV	1819538	3091348	40.35%	2.930%
14	10.404	1202	1210	1222	rBV	1470160	2437576	31.81%	2.310%
15	10.939	1293	1301	1314	rBV	2114764	3639873	47.51%	3.450%
16	11.339	1361	1369	1382	rBV	1982872	3495539	45.62%	3.313%
17	11.463	1382	1390	1411	rBV	1972320	3455376	45.10%	3.275%
18	12.145	1498	1506	1512	rBV	90623	146697	1.91%	0.139%
19	14.492	1896	1905	1909	rBV	3289384	4644950	60.62%	4.402%
20	14.533	1909	1912	1918	rVV	565834	769344	10.04%	0.729%
21	14.610	1918	1925	1937	rVB	1219598	1928960	25.18%	1.828%
22	14.798	1950	1957	1968	rBV	3911065	5843223	76.26%	5.538%
23	14.951	1978	1983	1987	rBV	200524	238303	3.11%	0.226%
24	15.098	2001	2008	2015	rVB2	2599710	3969629	51.81%	3.762%
25	15.257	2029	2035	2050	rBV	1382601	2093849	27.33%	1.984%
26	15.886	2138	2142	2147	rVB2	276950	361275	4.72%	0.342%
27	16.074	2167	2174	2181	rBV	4621991	6767928	88.33%	6.414%
28	16.174	2186	2191	2202	rVV	1266868	1803204	23.53%	1.709%
29	16.286	2204	2210	2221	rVB3	70324	228462	2.98%	0.217%
30	16.509	2244	2248	2255	rVB3	46316	79116	1.03%	0.075%
31	16.739	2282	2287	2296	rBV	236888	379286	4.95%	0.359%
32	17.521	2415	2420	2425	rBV	104857	136368	1.78%	0.129%
33	17.809	2463	2469	2475	rBV2	2859489	4212663	54.98%	3.992%
34	17.909	2480	2486	2498	rVV2	4763331	6731420	87.86%	6.379%

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35	18.309	2550	2554	2560	rVB	76399	94843	1.24%	0.090%
36	18.639	2605	2610	2620	rBV	571127	841104	10.98%	0.797%
37	19.821	2807	2811	2816	rVB	308966	416452	5.44%	0.395%
38	19.880	2817	2821	2831	rBV	337821	488899	6.38%	0.463%
39	20.150	2860	2867	2877	rVB	5288228	7661861	100.00%	7.261%
40	21.556	3102	3106	3115	rBV3	392832	619950	8.09%	0.588%
41	21.768	3138	3142	3148	rBV	440782	518627	6.77%	0.492%
42	21.897	3158	3164	3169	rBV	3247354	4754012	62.05%	4.505%
43	24.221	3552	3559	3575	rVB	3534731	7559709	98.67%	7.164%
44	24.374	3579	3585	3594	rVB	2075115	4298270	56.10%	4.074%

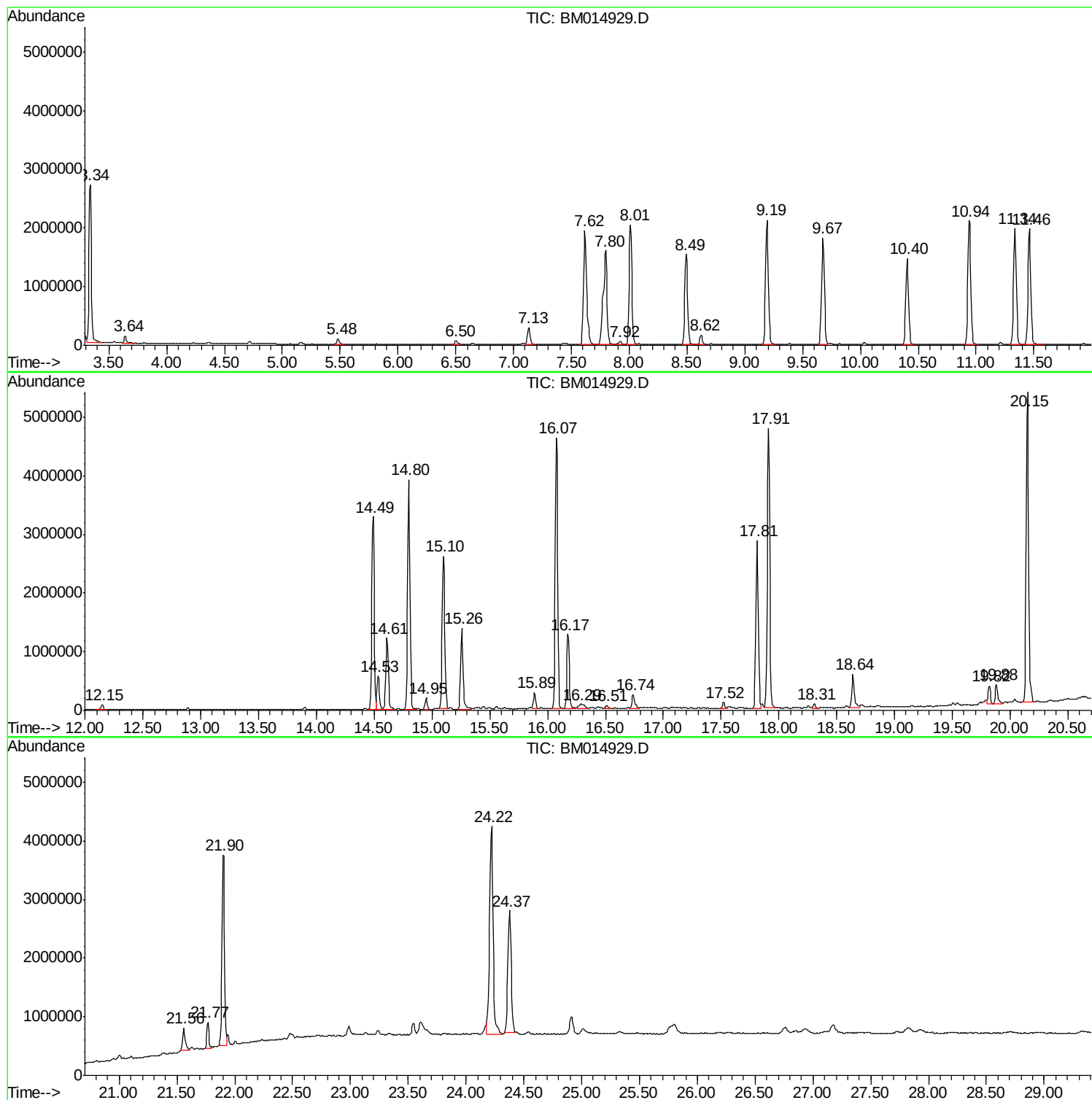
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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



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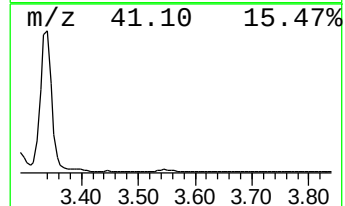
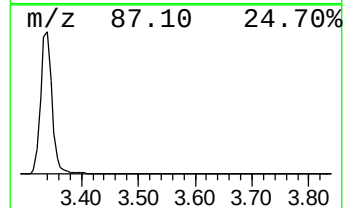
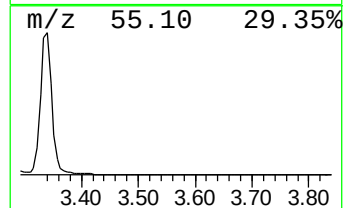
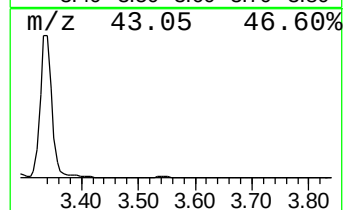
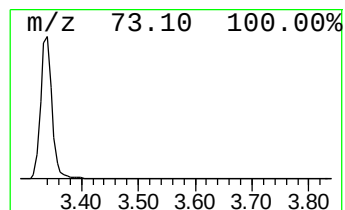
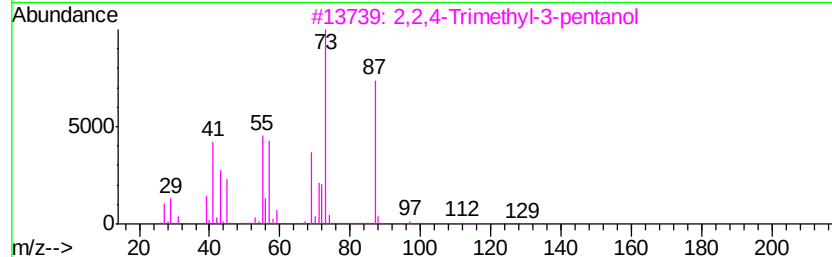
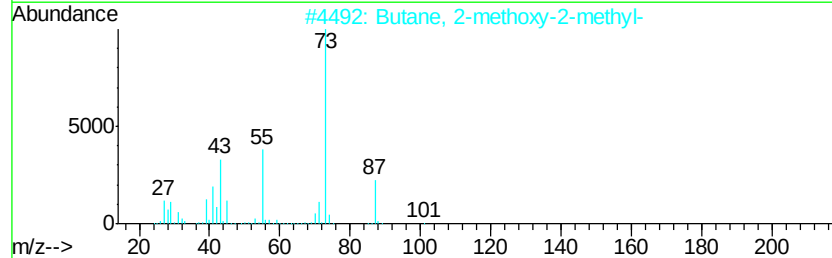
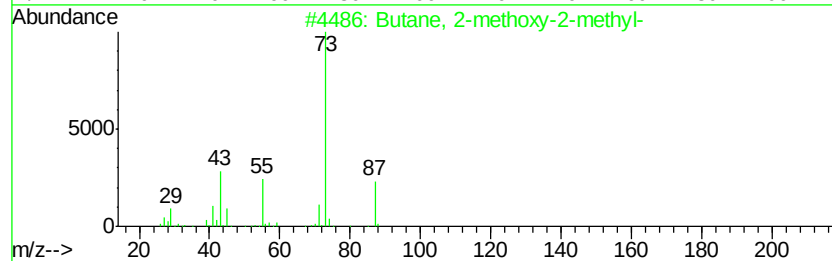
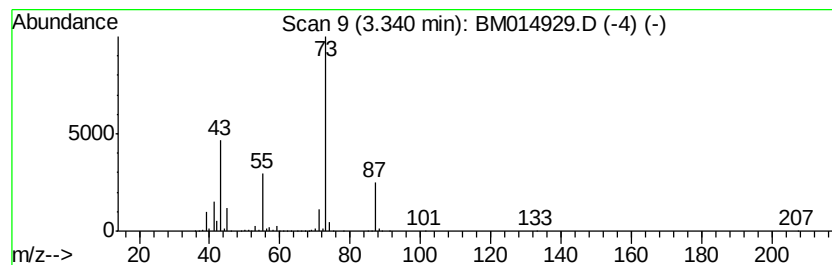
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.34	29.34 ng/ul	3762680	1,4-Dichlorobenzene-d4	8.49

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	78
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38



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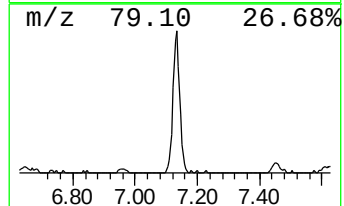
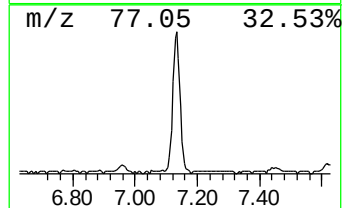
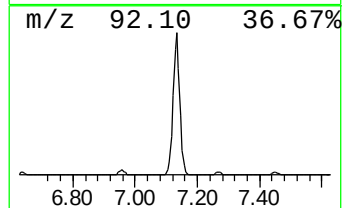
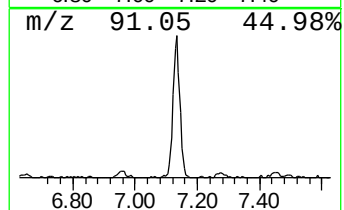
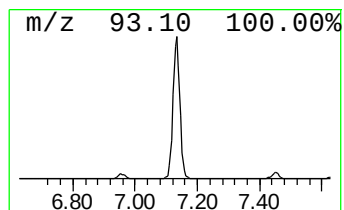
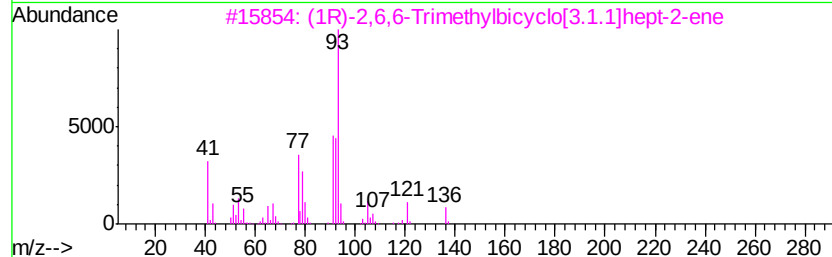
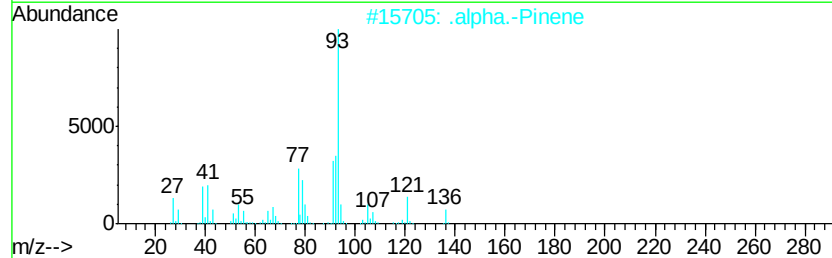
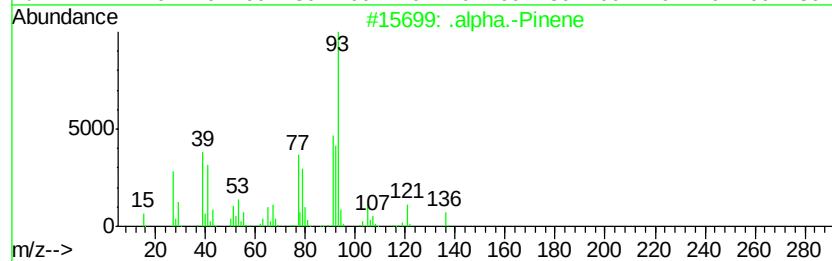
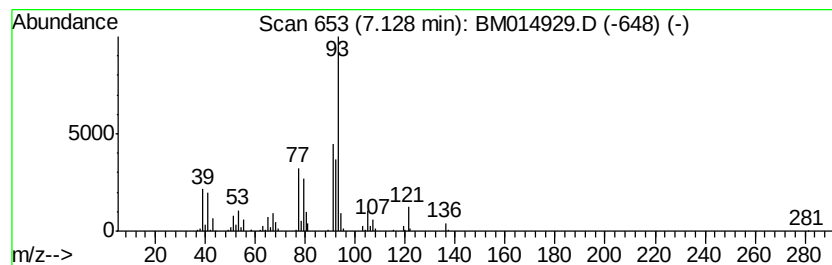
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Peak Number 2 .alpha.-Pinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	3.60 ng/ul	462292	1,4-Dichlorobenzene-d4	8.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Pinene	136	C10H16	000080-56-8	95
2			.alpha.-Pinene	136	C10H16	000080-56-8	94
3			(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
4			trans-.beta.-Ocimene	136	C10H16	003779-61-1	94
5			.alpha.-Pinene	136	C10H16	000080-56-8	91



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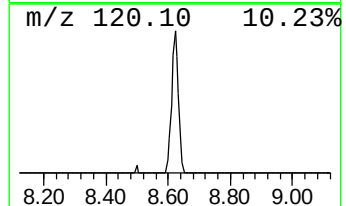
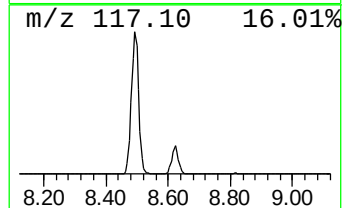
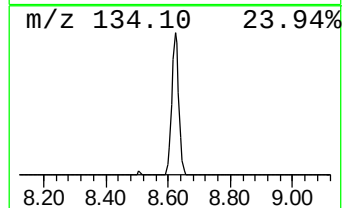
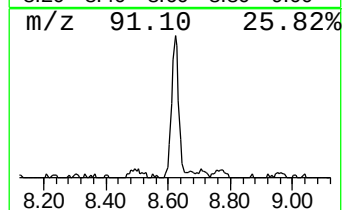
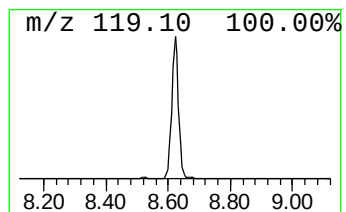
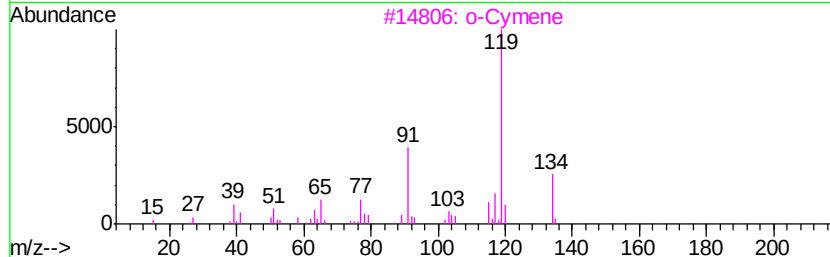
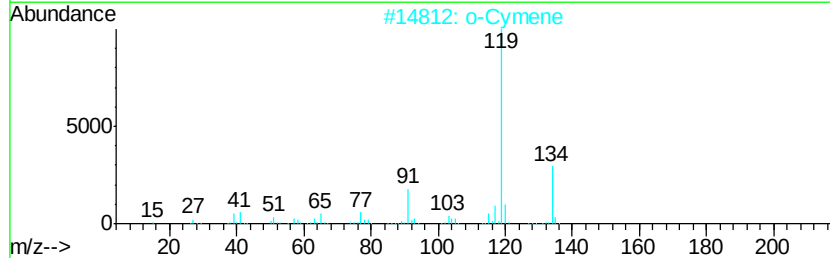
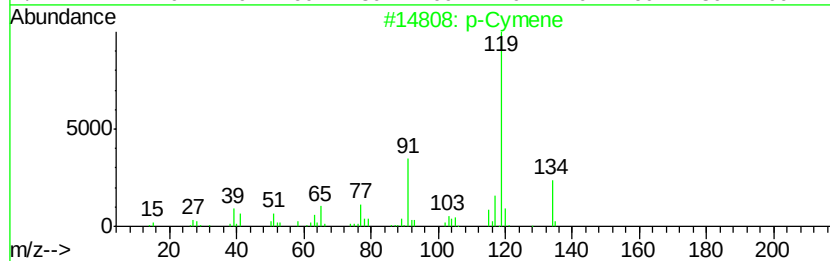
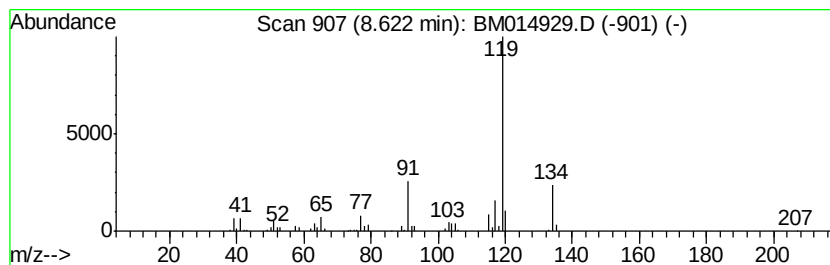
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 p-Cymene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	2.04 ng/ul	261632	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	p-Cymene	134	C10H14	000099-87-6	97
2		o-Cymene	134	C10H14	000527-84-4	95
3		o-Cymene	134	C10H14	000527-84-4	95
4		o-Cymene	134	C10H14	000527-84-4	94
5		p-Cymene	134	C10H14	000099-87-6	94



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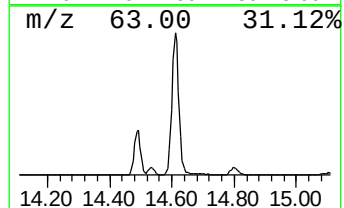
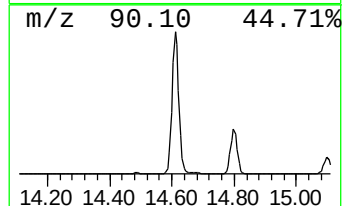
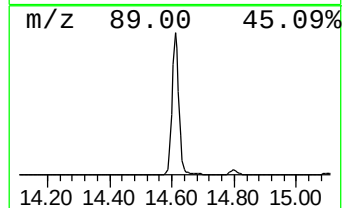
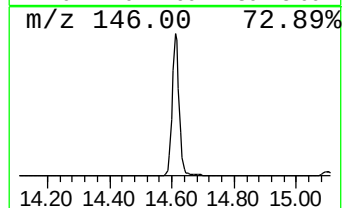
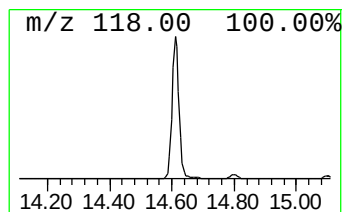
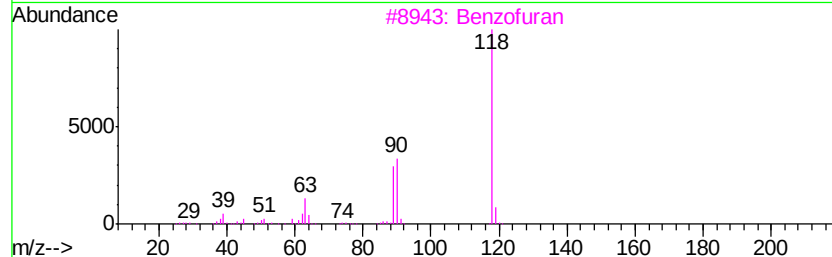
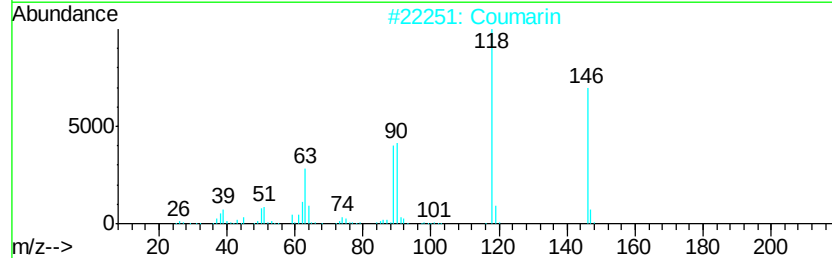
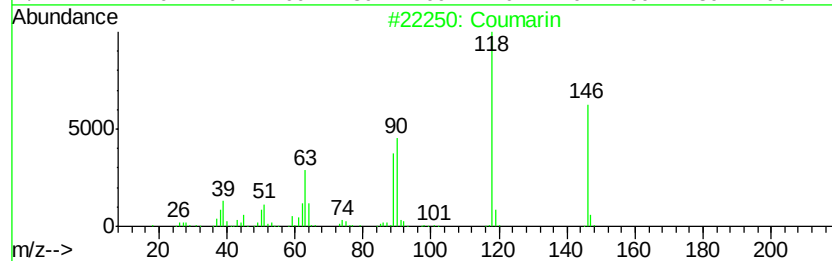
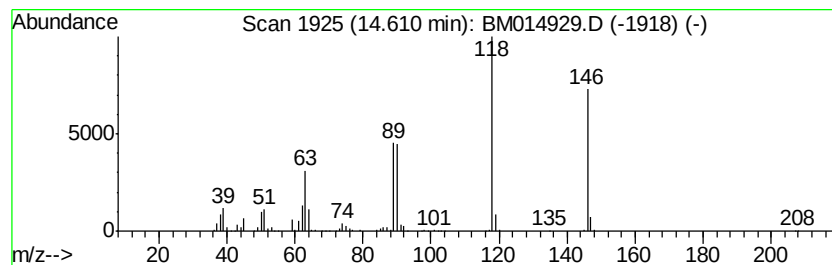
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 Coumarin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	9.72 ng/ul	1928960	Acenaphthene-d10	15.10
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Coumarin	146 C9H6O2	000091-64-5	98
2	Coumarin	146 C9H6O2	000091-64-5	98
3	Benzofuran	118 C8H6O	000271-89-6	95
4	Coumarin	146 C9H6O2	000091-64-5	94
5	Coumarin	146 C9H6O2	000091-64-5	94



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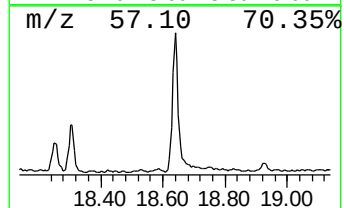
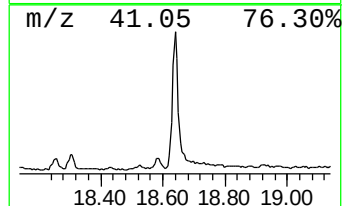
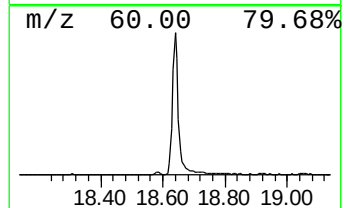
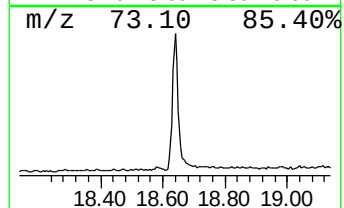
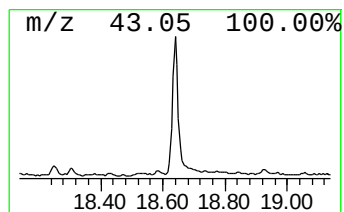
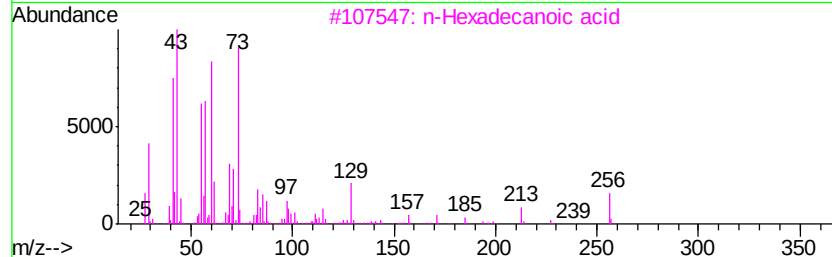
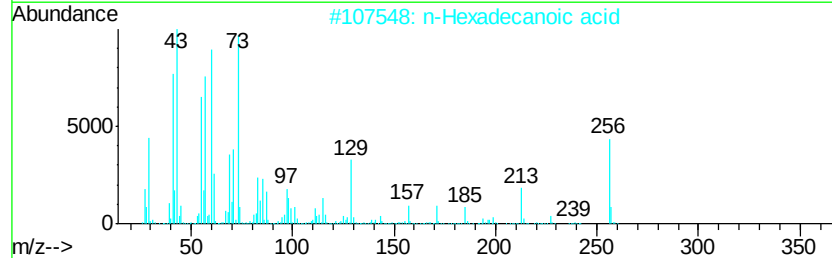
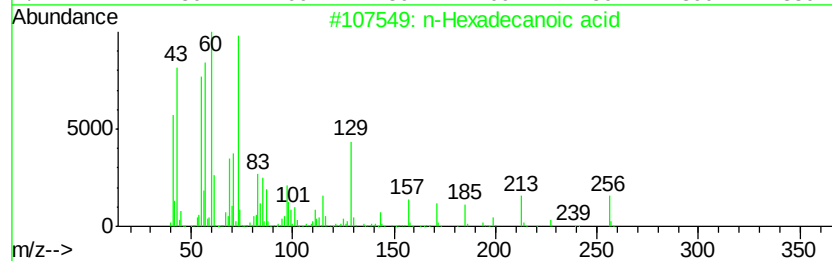
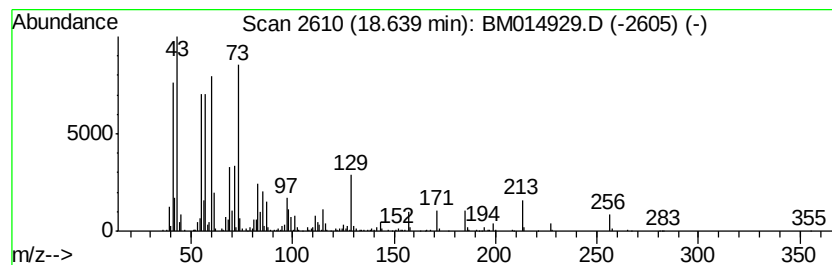
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TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	3.99 ng/ul	841104	Phenanthrene-d10	17.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90	
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014929.D
Acq On : 02 May 2018 19:03
Operator : SJ/JU
Sample : J2631-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH7

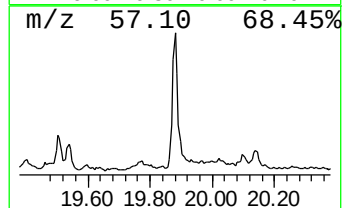
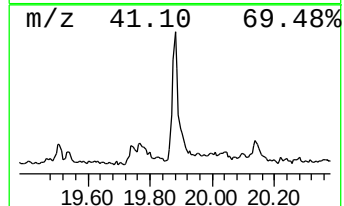
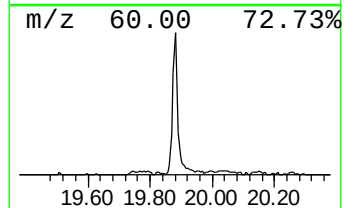
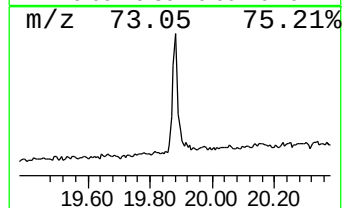
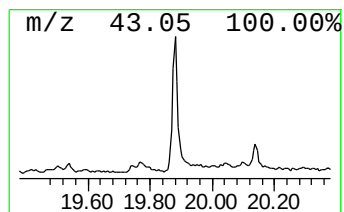
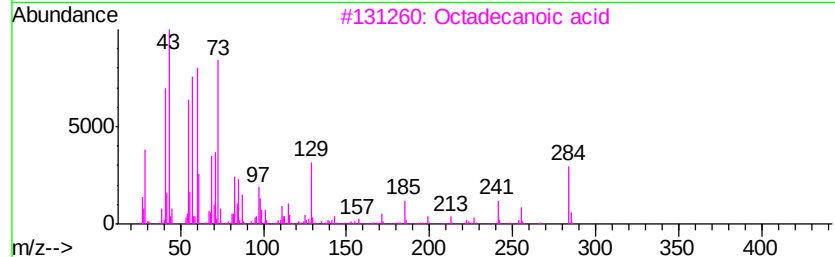
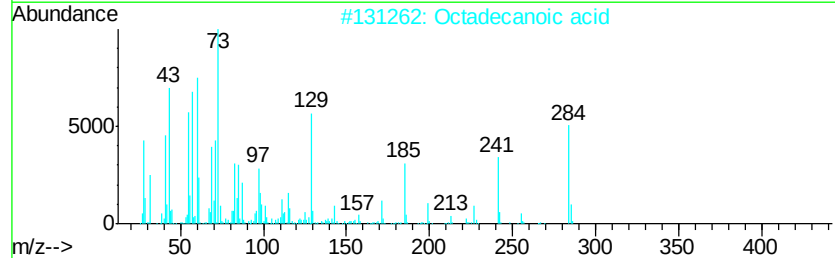
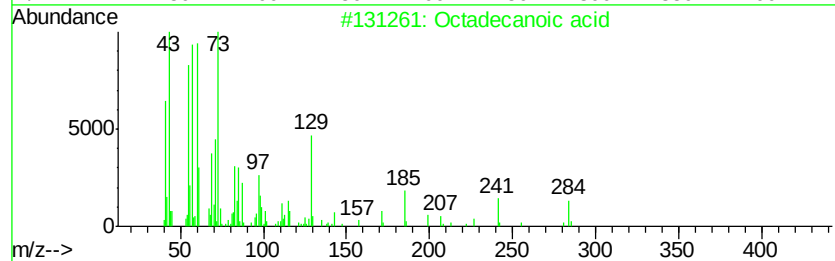
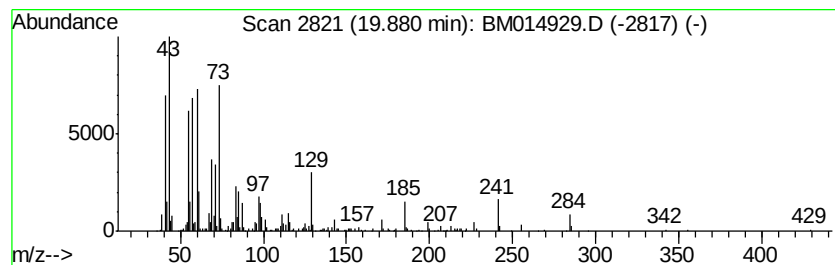
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.06 ng/ul	488899	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	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	97
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050218\
Data File : BM014929.D
Acq On : 02 May 2018 19:03
Operator : SJ/JU
Sample : J2631-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH7

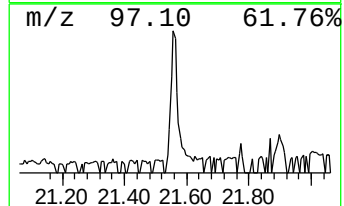
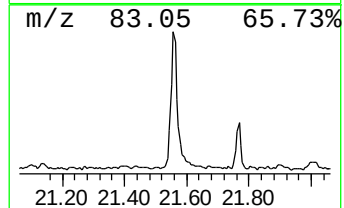
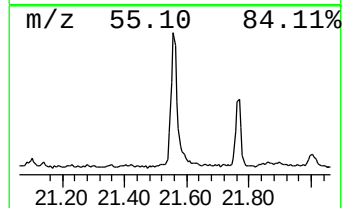
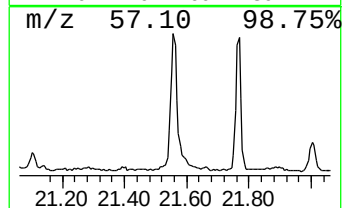
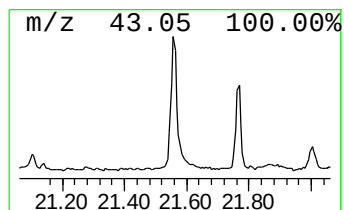
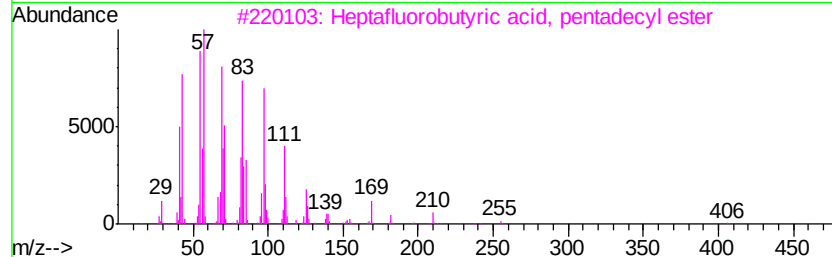
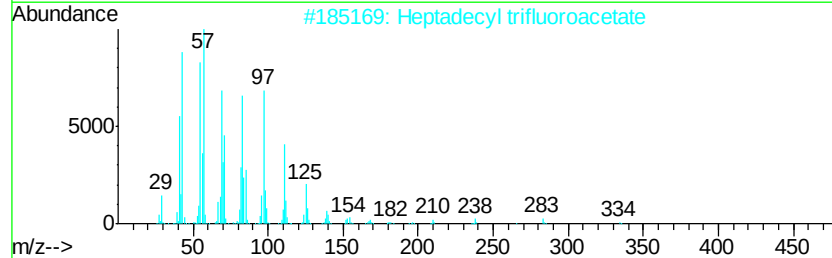
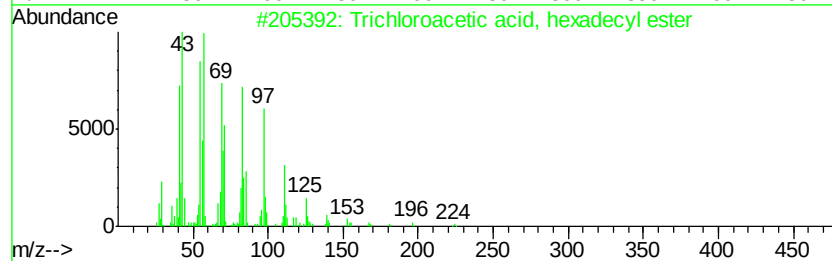
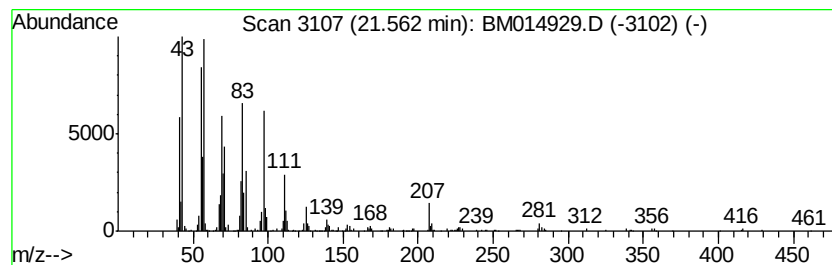
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	2.61 ng/ul	619950	Chrysene-d12	21.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
2		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	90
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	90
4		Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
5		Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	90



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Sample : J2631-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AH7

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	29.3	ng/ul	3762680	1	8.49	2564920	20.0
.alpha.-Pinene	7.13	3.6	ng/ul	462292	1	8.49	2564920	20.0
p-Cymene	8.62	2.0	ng/ul	261632	1	8.49	2564920	20.0
Coumarin	14.61	9.7	ng/ul	1928960	3	15.10	3969630	20.0
n-Hexadecanoic acid	18.64	4.0	ng/ul	841104	4	17.81	4212660	20.0
Octadecanoic acid	19.88	2.1	ng/ul	488899	5	21.90	4754010	20.0
Trichloroacetic a...	21.56	2.6	ng/ul	619950	5	21.90	4754010	20.0