

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
 Data File : BM014961.D
 Acq On : 04 May 2018 02:20
 Operator : SJ/JU
 Sample : J2554-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AF5

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	3.334	4	8	15	rVB	3157924	4135858	38.73%	3.786%
2	3.640	55	60	68	rBV	105880	155555	1.46%	0.142%
3	5.475	366	372	383	rBV	403714	607195	5.69%	0.556%
4	7.616	729	736	739	rBV	797764	1512405	14.16%	1.385%
5	7.792	760	766	779	rVB	1306033	2088232	19.56%	1.912%
6	8.010	795	803	810	rBV	1702898	2831640	26.52%	2.592%
7	8.069	810	813	824	rVB2	88653	158922	1.49%	0.145%
8	8.492	878	885	898	rVB	1660332	2722921	25.50%	2.493%
9	8.763	924	931	957	rBV	6134733	10677883	100.00%	9.776%
10	9.192	996	1004	1015	rBV	1695519	2813346	26.35%	2.576%
11	9.675	1078	1086	1094	rBV	1518048	2609983	24.44%	2.389%
12	10.404	1201	1210	1222	rBV	1226464	2102948	19.69%	1.925%
13	10.939	1293	1301	1313	rBV	1844766	3137383	29.38%	2.872%
14	11.333	1361	1368	1376	rBV	2182236	3674148	34.41%	3.364%
15	11.457	1382	1389	1406	rBV	1520242	2725167	25.52%	2.495%
16	14.421	1883	1893	1896	rBV3	72122	114860	1.08%	0.105%
17	14.486	1896	1904	1909	rVV	2831343	3994159	37.41%	3.657%
18	14.533	1909	1912	1917	rVB	620668	810795	7.59%	0.742%
19	14.798	1950	1957	1968	rBV	3638021	5314917	49.78%	4.866%
20	14.945	1974	1982	1988	rVB	231987	310556	2.91%	0.284%
21	15.098	2000	2008	2015	rBV2	2722369	4192448	39.26%	3.838%
22	15.257	2026	2035	2051	rBV	1176235	1880879	17.61%	1.722%
23	15.886	2137	2142	2147	rVB	297749	381316	3.57%	0.349%
24	16.074	2167	2174	2181	rBV	3995578	5832064	54.62%	5.339%
25	16.180	2186	2192	2201	rBV	943078	1348535	12.63%	1.235%
26	16.286	2203	2210	2213	rBV	69097	149529	1.40%	0.137%
27	16.733	2281	2286	2300	rBV	241637	429890	4.03%	0.394%
28	17.521	2415	2420	2424	rBV	123167	171486	1.61%	0.157%
29	17.809	2463	2469	2474	rBV	3092128	4390710	41.12%	4.020%
30	17.851	2474	2476	2480	rVV	159892	199063	1.86%	0.182%
31	17.909	2480	2486	2497	rVB	3908111	5679389	53.19%	5.199%
32	18.639	2605	2610	2620	rBV	1749048	2601899	24.37%	2.382%
33	19.768	2799	2802	2806	rBV2	134916	204777	1.92%	0.187%
34	19.815	2807	2810	2815	rVB	395063	511036	4.79%	0.468%

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35	19.880	2817	2821	2832	rVB	962499	1268417	11.88%	1.161%
36	20.151	2861	2867	2878	rBV	4132423	6519128	61.05%	5.968%
37	21.062	3020	3022	3025	rBV	161229	164091	1.54%	0.150%
38	21.556	3102	3106	3115	rBV	1610631	2041540	19.12%	1.869%
39	21.897	3159	3164	3169	rVB	3165878	4353112	40.77%	3.985%
40	23.239	3389	3392	3400	rVB	516532	718027	6.72%	0.657%
41	23.603	3449	3454	3477	rVB4	1394683	3592839	33.65%	3.289%
42	24.221	3553	3559	3565	rVB	2826839	5332378	49.94%	4.882%
43	24.380	3580	3586	3604	rVB	2147326	4769318	44.67%	4.366%

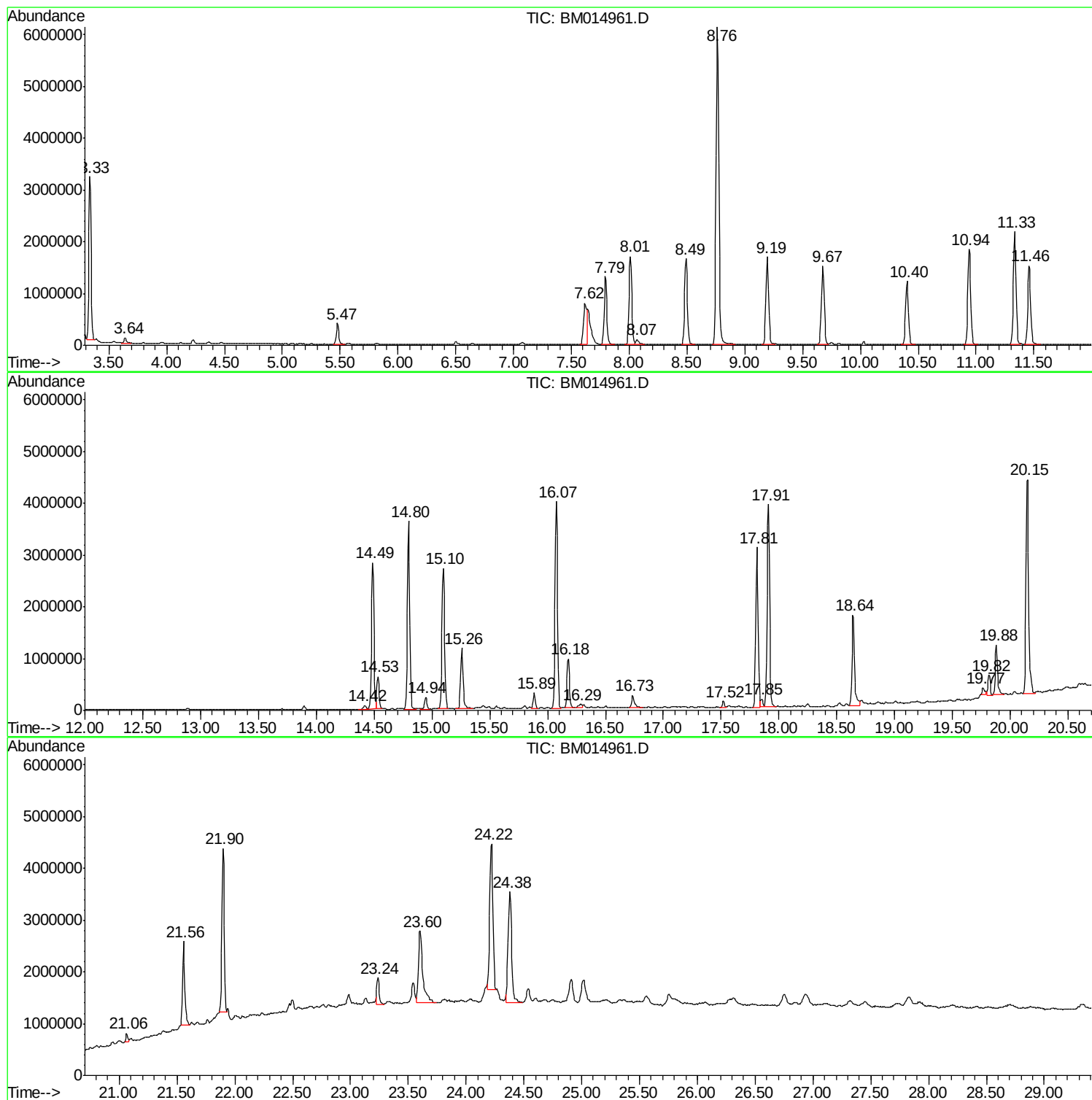
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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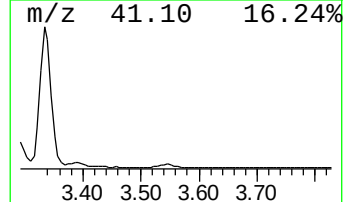
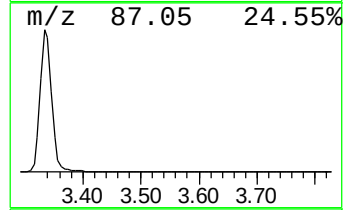
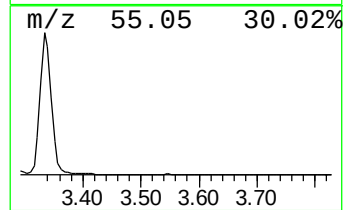
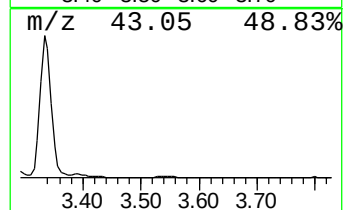
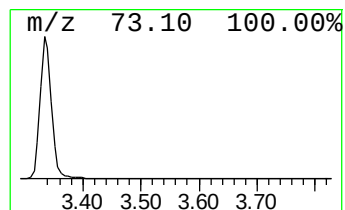
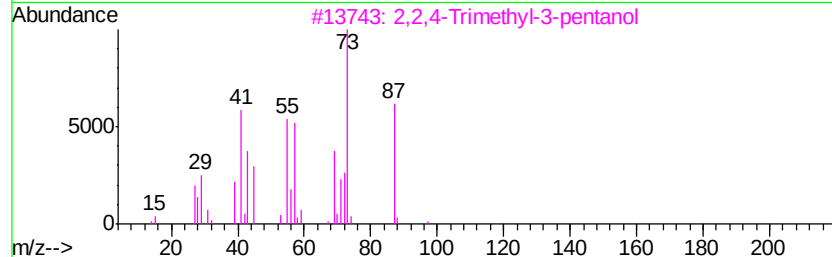
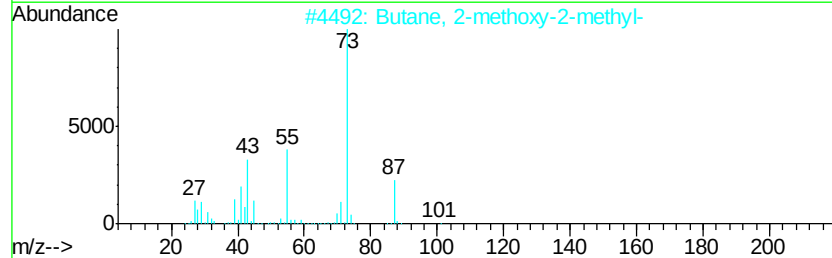
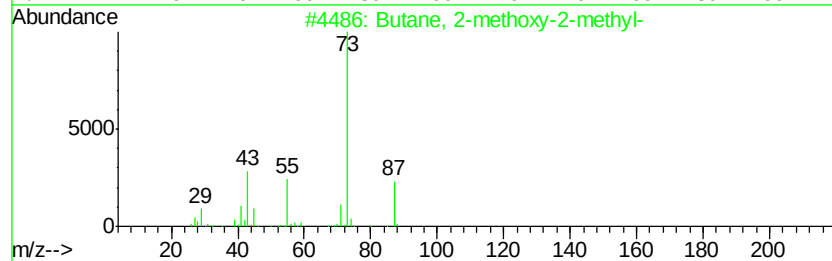
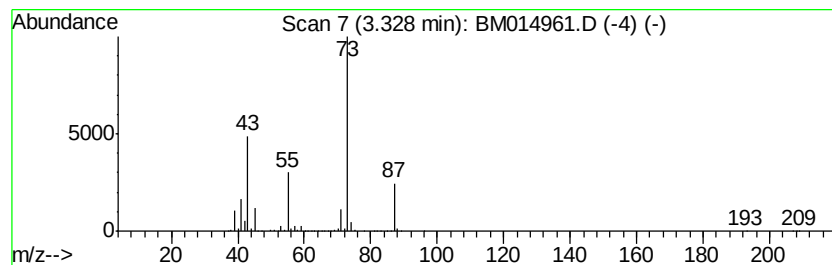
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	30.38 ng/ul	4135860	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	50
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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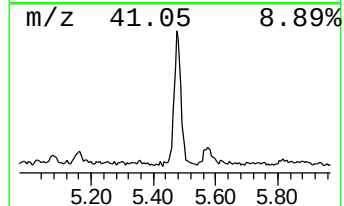
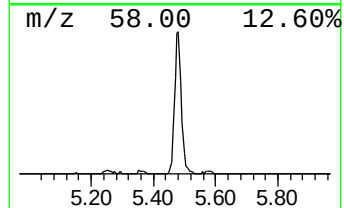
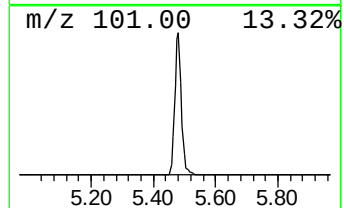
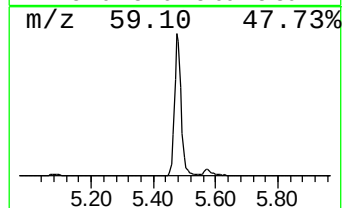
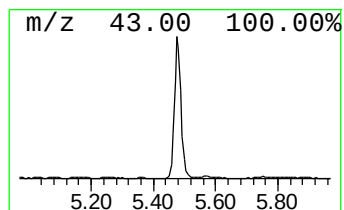
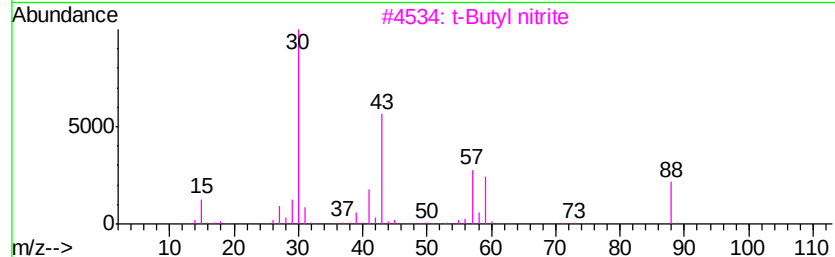
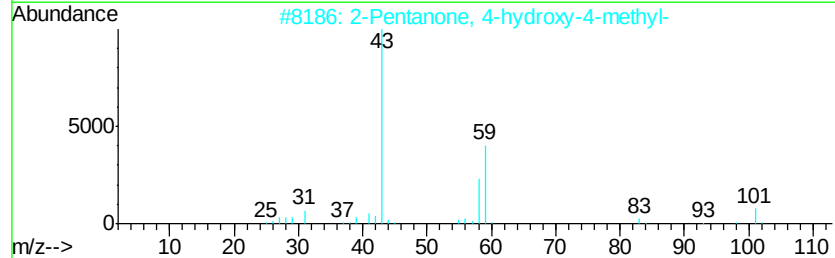
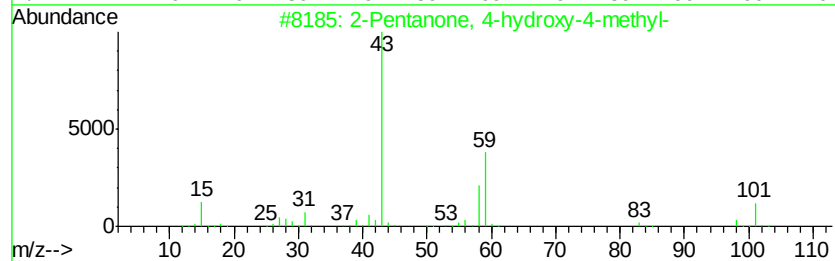
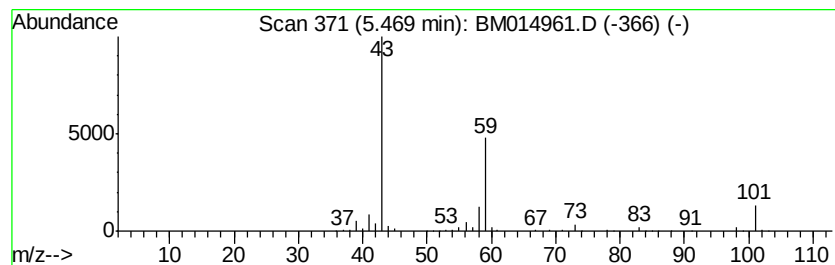
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Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	4.46 ng/ul	607195	1,4-Dichlorobenzene-d4	8.49

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	50
3		t-Butyl nitrite	103	C4H9NO2	000540-80-7	39
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	16
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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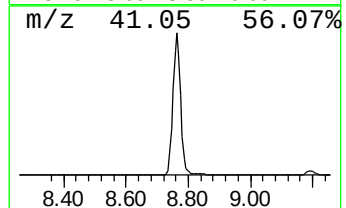
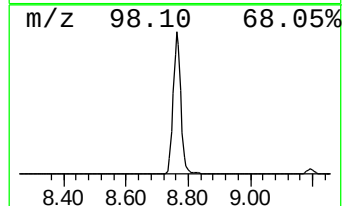
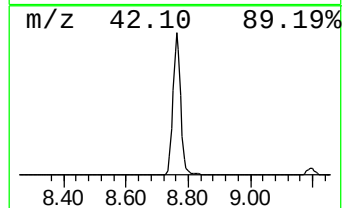
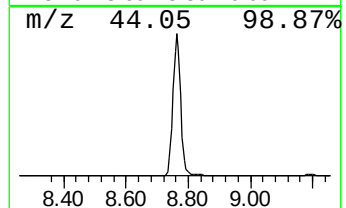
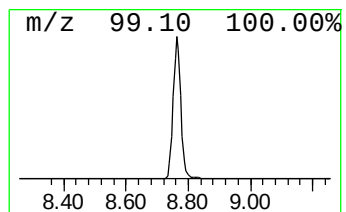
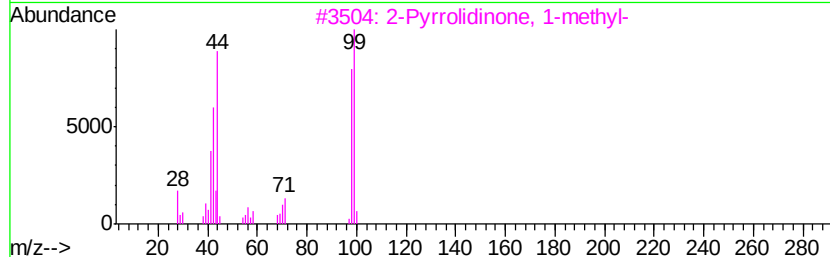
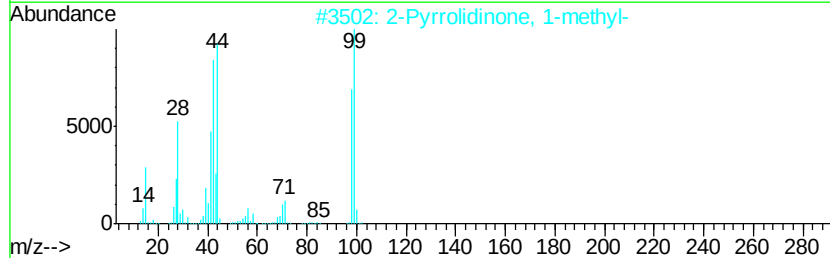
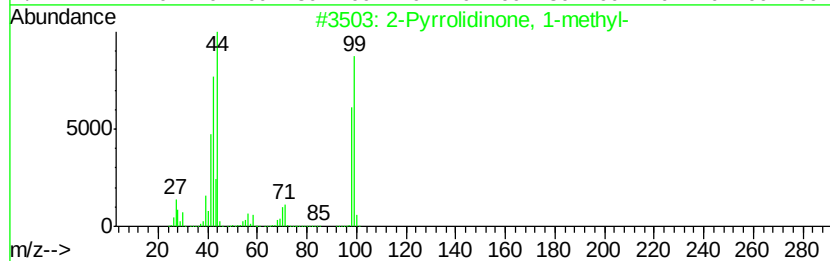
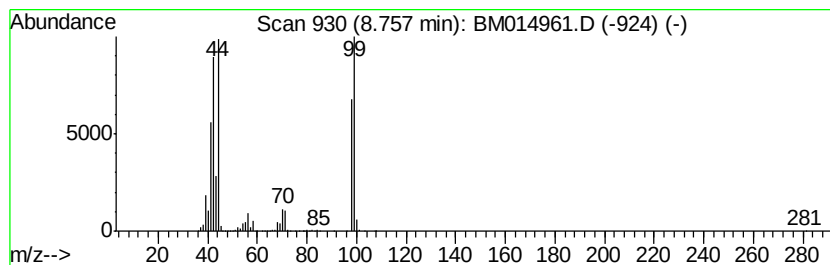
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Pyrrolidinone, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	78.43 ng/ul	10677900	1,4-Dichlorobenzene-d4	8.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	97
2		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	95
3		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	87
4		2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	76
5		2-Piperidinone	99	C5H9NO	000675-20-7	47



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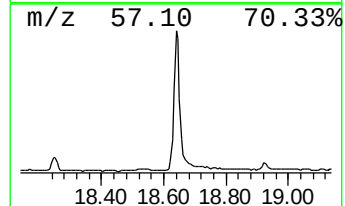
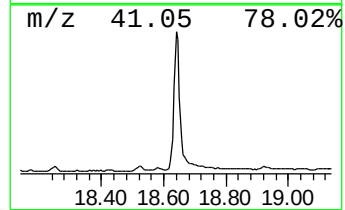
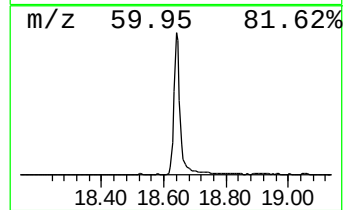
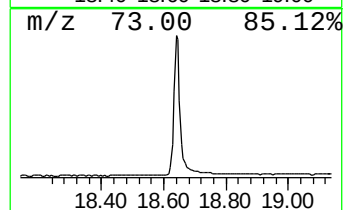
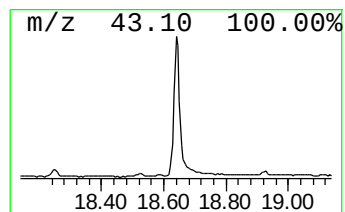
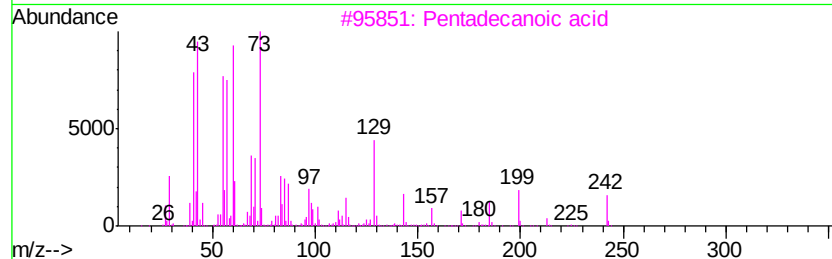
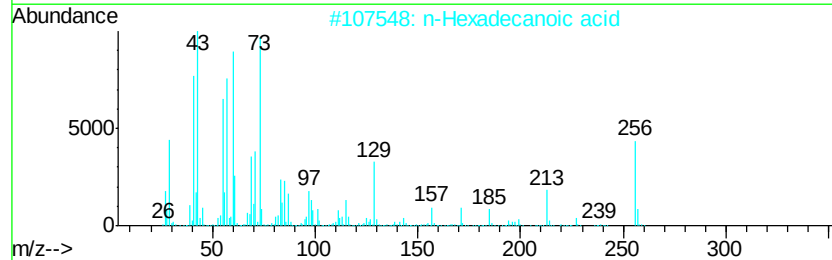
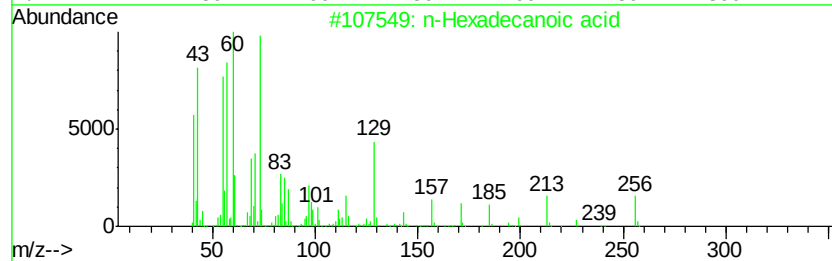
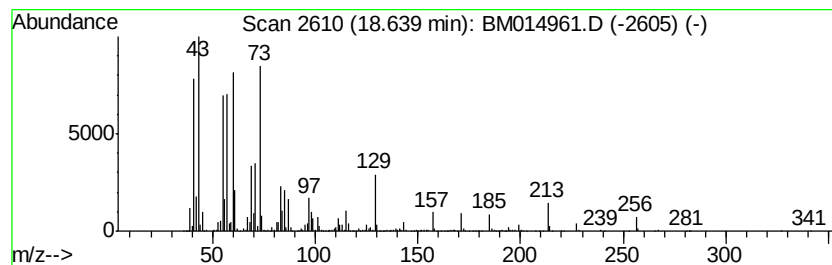
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	11.85 ng/ul	2601900	Phenanthrene-d10	17.81

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		Pentadecanoic acid	242	C15H30O2	001002-84-2	91
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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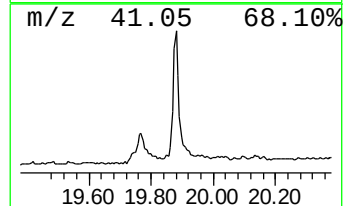
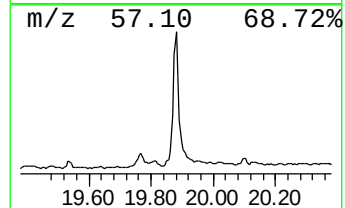
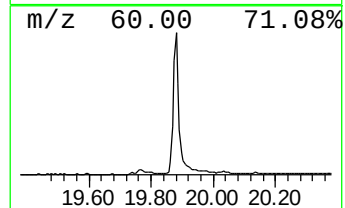
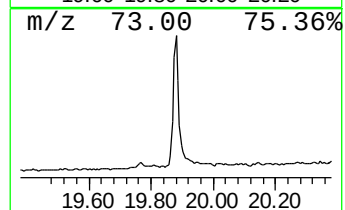
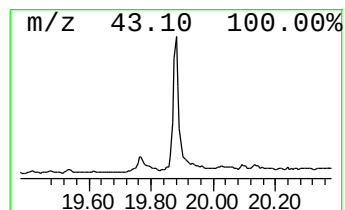
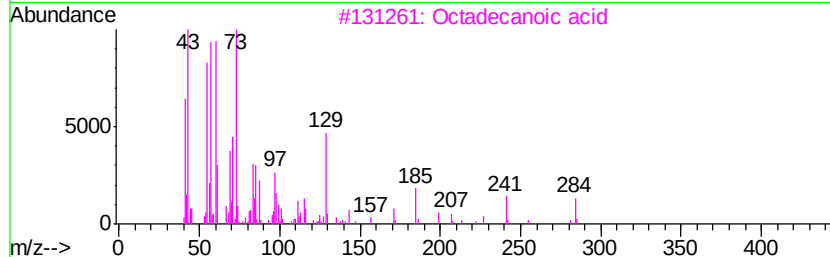
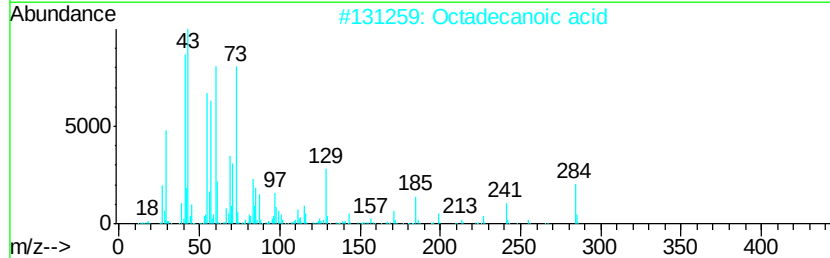
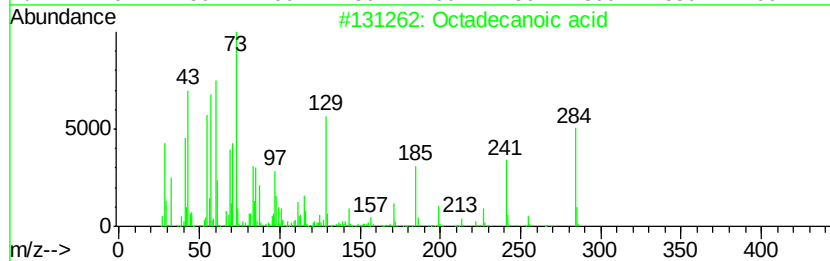
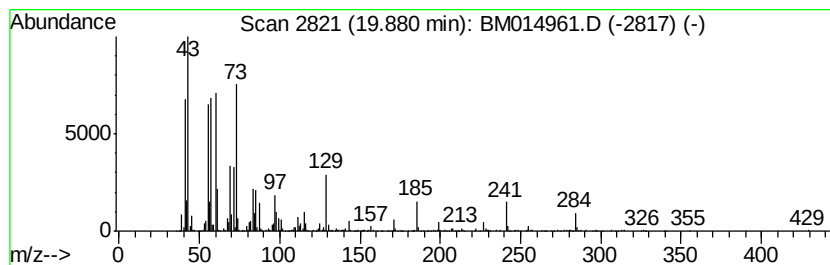
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TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	5.83 ng/ul	1268420	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	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	96
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014961.D
Acq On : 04 May 2018 02:20
Operator : SJ/JU
Sample : J2554-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

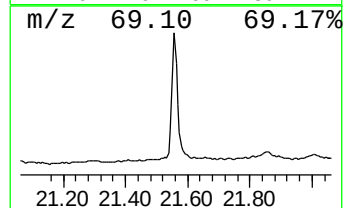
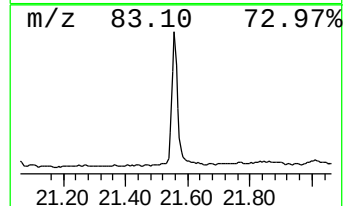
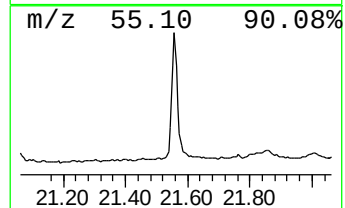
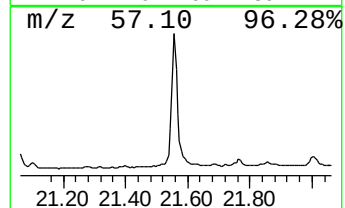
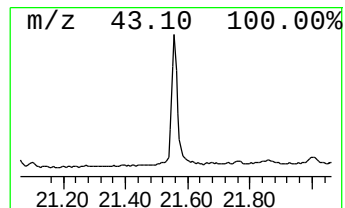
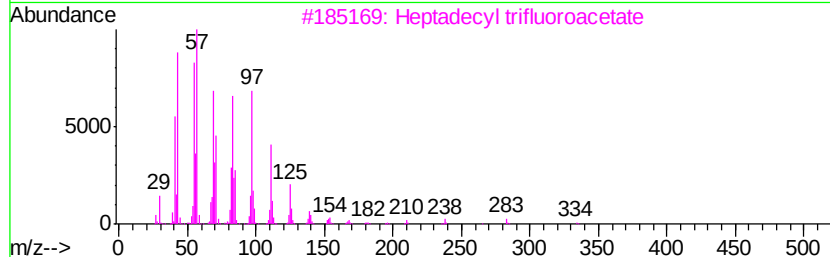
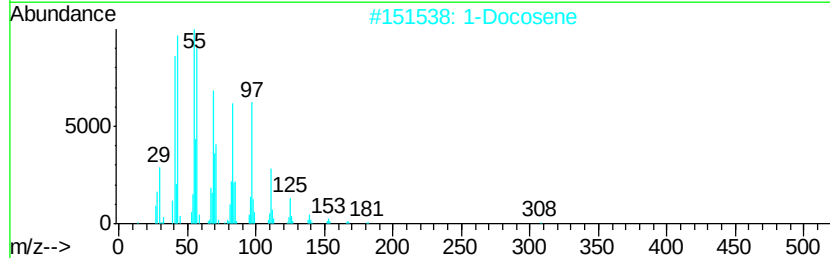
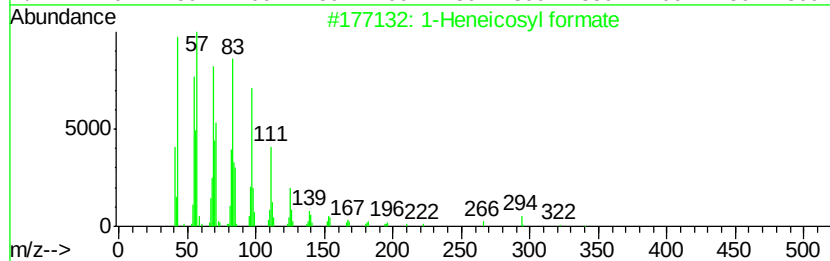
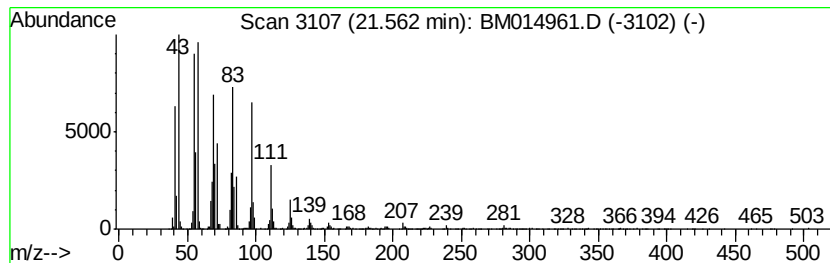
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	9.38 ng/ul	2041540	Chrysene-d12	21.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	96
2	1-Docosene	308 C22H44	001599-67-3	95
3	Heptadecyl trifluoroacetate	352 C19H35F3O2	1000351-87-0	94
4	9-Tricosene, (Z)-	322 C23H46	027519-02-4	94
5	Trichloroacetic acid, tetradecyl...	358 C16H29Cl3O2	074339-52-9	94



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050318\
Data File : BM014961.D
Acq On : 04 May 2018 02:20
Operator : SJ/JU
Sample : J2554-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF5

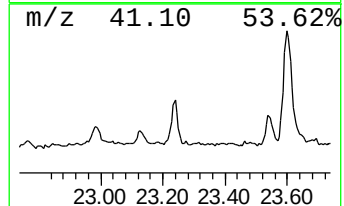
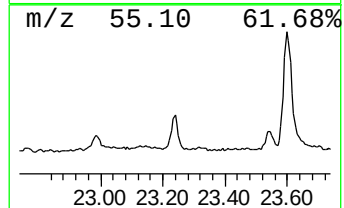
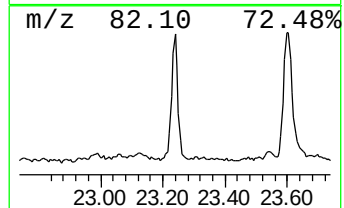
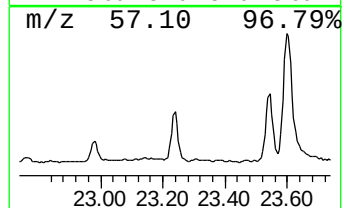
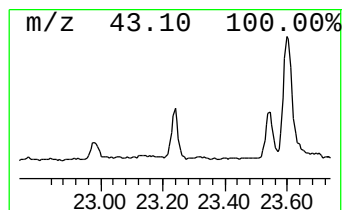
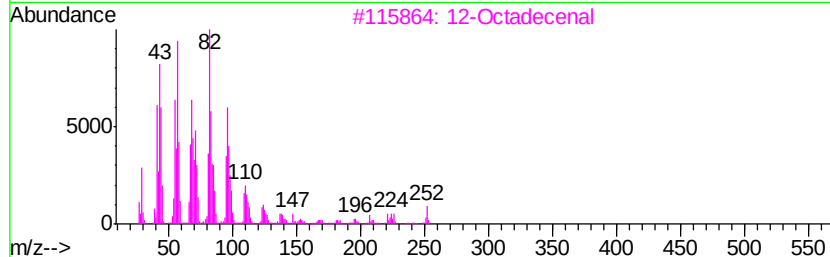
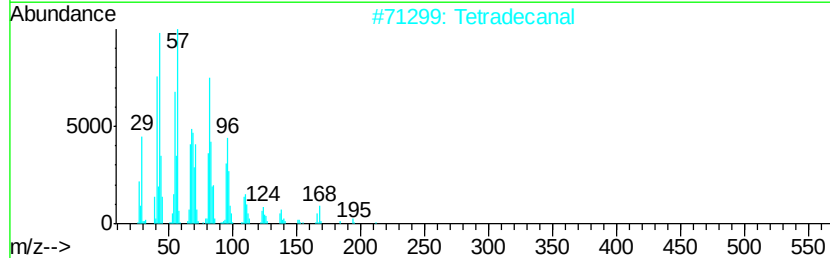
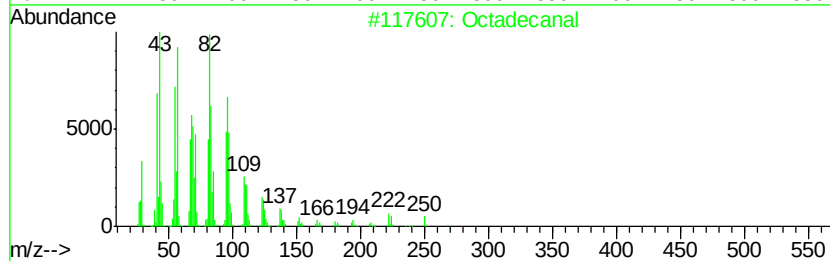
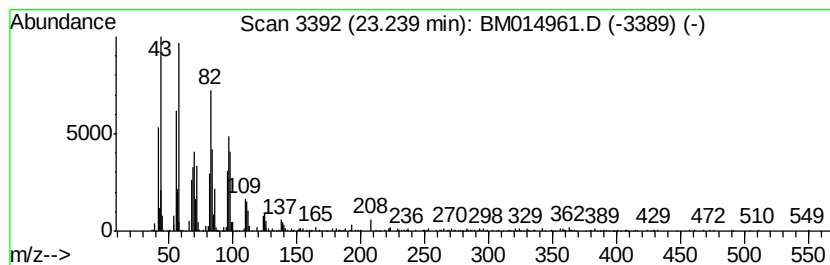
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Octadecanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.01 ng/ul	718027	Perylene-d12	24.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	93
2		Tetradecanal	212	C14H28O	000124-25-4	91
3		12-Octadecenal	266	C18H34O	056554-91-7	90
4		16-Heptadecenal	252	C17H32O	1000144-57-9	89
5		Bicyclo[10.8.0]eicosane, (E)-	278	C20H38	1000155-85-0	87



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Sample : J2554-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AF5

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...	3.33	30.4	ng/ul	4135860	1	8.49	2722920	20.0
2-Pentanone, 4-hy...	5.47	4.5	ng/ul	607195	1	8.49	2722920	20.0
2-Pyrrolidinone, ...	8.76	78.4	ng/ul	10677900	1	8.49	2722920	20.0
n-Hexadecanoic acid	18.64	11.9	ng/ul	2601900	4	17.81	4390710	20.0
Octadecanoic acid	19.88	5.8	ng/ul	1268420	5	21.90	4353110	20.0
1-Heneicosyl formate	21.56	9.4	ng/ul	2041540	5	21.90	4353110	20.0
Octadecanal	23.24	3.0	ng/ul	718027	6	24.38	4769320	20.0