

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012828.D
 Acq On : 08 Nov 2017 19:20
 Operator : SJ/JU
 Sample : I5955-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-15(0.25-1.25)-101717

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-BM110417MA.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	6.975	651	661	667	rBV	349838	670220	2.56%	0.973%
2	7.134	681	688	693	rBV	270693	420107	1.60%	0.610%
3	7.334	716	722	731	rVB	390318	640730	2.45%	0.930%
4	7.798	792	801	806	rBV	435614	698919	2.67%	1.015%
5	7.863	806	812	817	rVV	270466	399341	1.53%	0.580%
6	8.510	916	922	928	rBV	378162	618400	2.36%	0.898%
7	8.957	992	998	1004	rBV	328890	544908	2.08%	0.791%
8	9.675	1113	1120	1126	rBV	320436	530774	2.03%	0.771%
9	10.216	1206	1212	1220	rVB	465653	788483	3.01%	1.145%
10	10.586	1265	1275	1280	rBV	581751	1033604	3.95%	1.501%
11	12.375	1573	1579	1591	rBV	277397	499876	1.91%	0.726%
12	13.845	1823	1829	1833	rBV	843708	1127363	4.31%	1.637%
13	13.892	1833	1837	1845	rVB	251392	358798	1.37%	0.521%
14	14.127	1871	1877	1891	rVB	890879	1359103	5.19%	1.973%
15	14.439	1918	1930	1936	rBV2	782045	1244489	4.75%	1.807%
16	14.651	1961	1966	1978	rBV	199806	361315	1.38%	0.525%
17	15.427	2092	2098	2105	rBV	1155350	1638604	6.26%	2.379%
18	17.180	2391	2396	2401	rBV2	874663	1227021	4.69%	1.782%
19	17.280	2407	2413	2423	rVB	1130697	1597359	6.10%	2.319%
20	18.080	2544	2549	2556	rBV2	242261	407153	1.56%	0.591%
21	18.145	2556	2560	2566	rVB	1514351	1816164	6.94%	2.637%
22	18.851	2674	2680	2682	rBV	7401499	9912070	37.87%	14.393%
23	18.874	2682	2684	2690	rVB	6758887	6389256	24.41%	9.277%
24	19.157	2728	2732	2740	rVB	275893	312627	1.19%	0.454%
25	19.356	2763	2766	2775	rBV2	236299	348443	1.33%	0.506%
26	19.574	2798	2803	2811	rBV	1273905	1815226	6.93%	2.636%
27	21.280	3088	3093	3097	rBV	21302579	26176453	100.00%	38.009%
28	21.362	3103	3107	3113	rBV	1062039	1318108	5.04%	1.914%
29	21.903	3195	3199	3204	rVB	1350228	1505735	5.75%	2.186%
30	23.503	3466	3471	3477	rBV2	1024035	1738703	6.64%	2.525%
31	23.644	3491	3495	3503	rVB2	746807	1369325	5.23%	1.988%

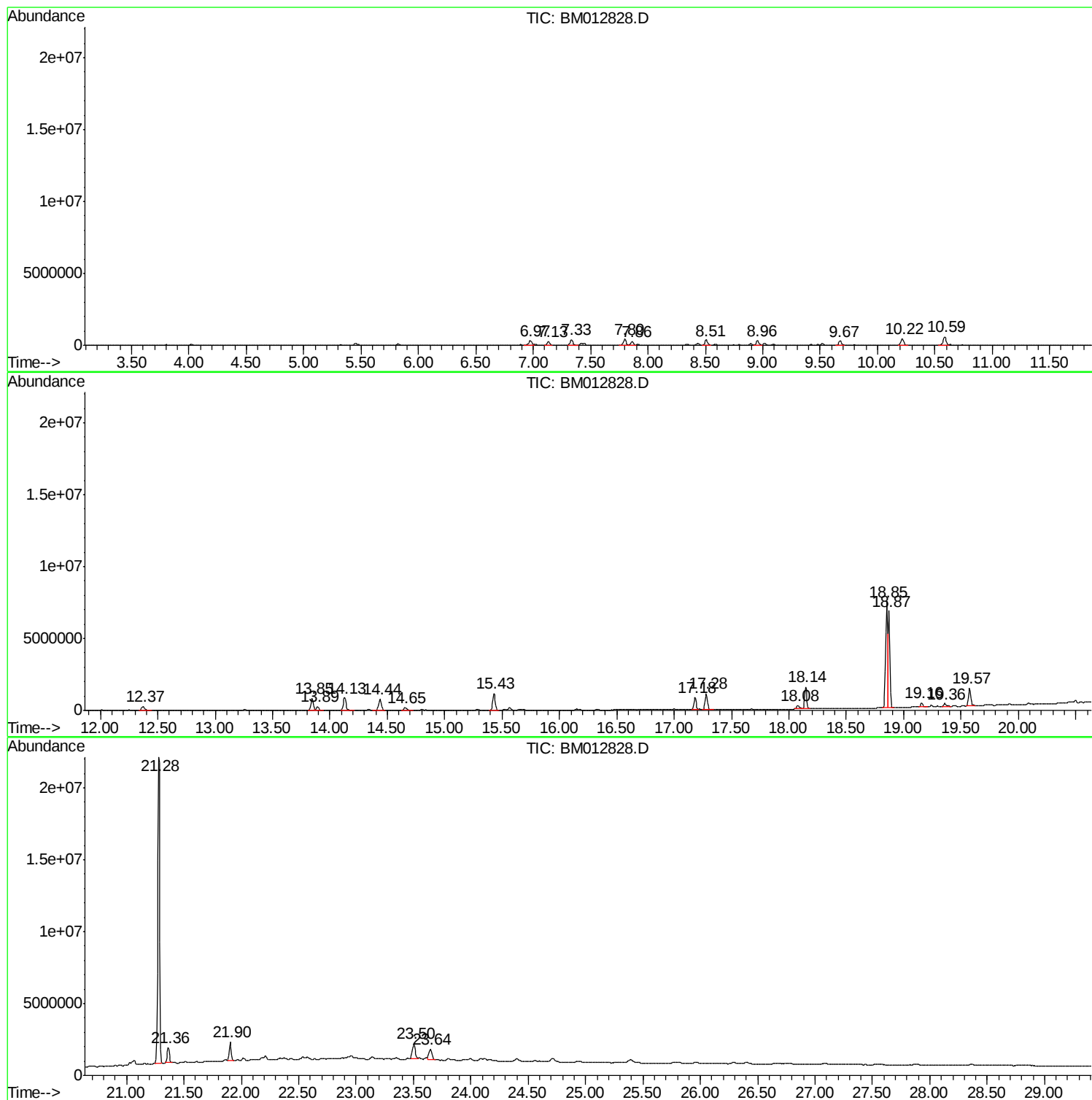
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
B-15(0.25-1.25)-101717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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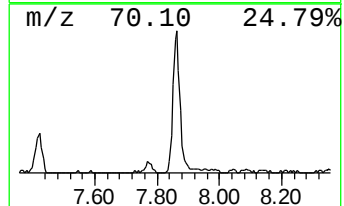
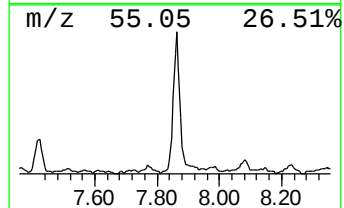
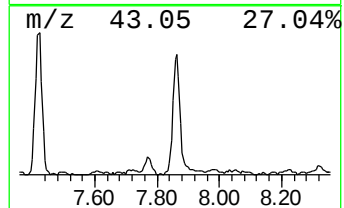
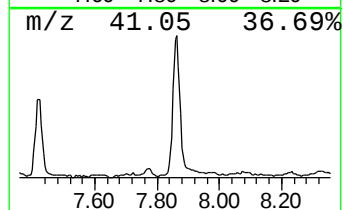
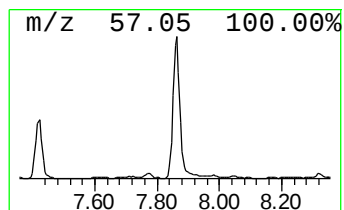
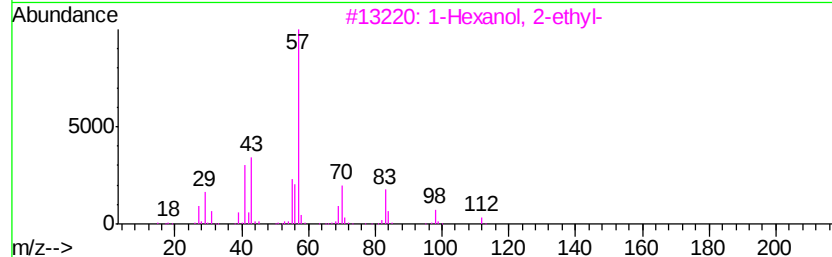
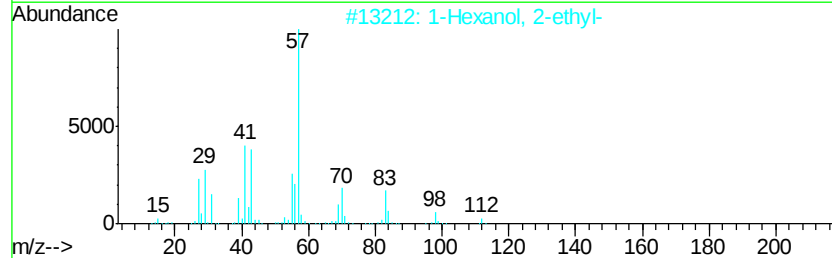
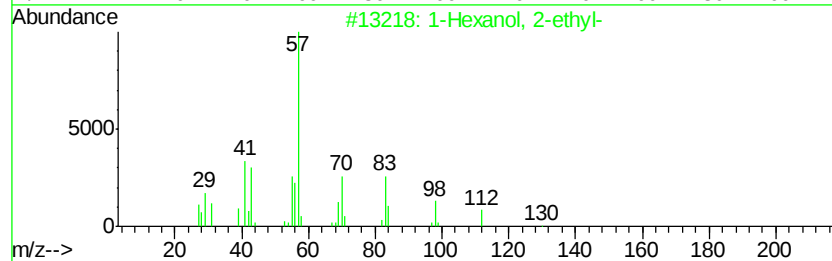
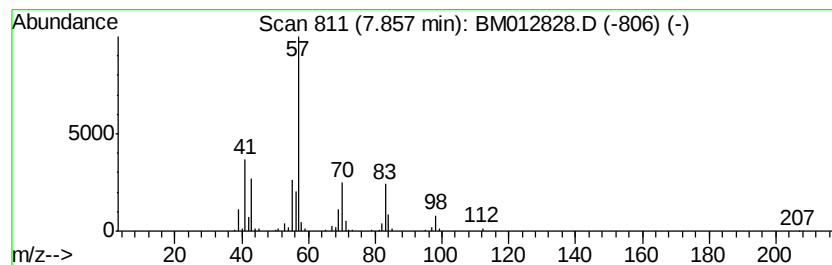
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	11.43 ng/ul	399341	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4		Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
5		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53



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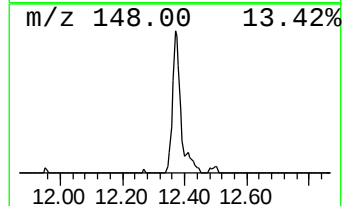
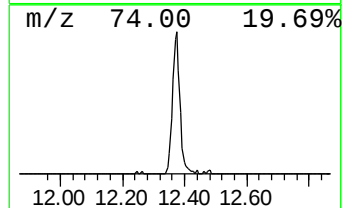
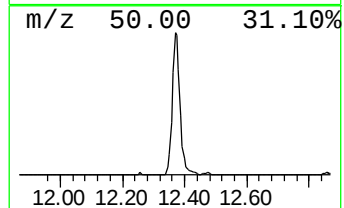
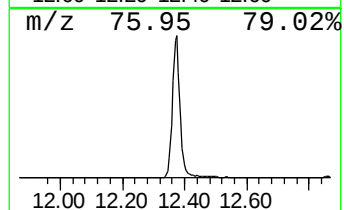
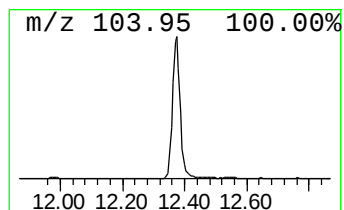
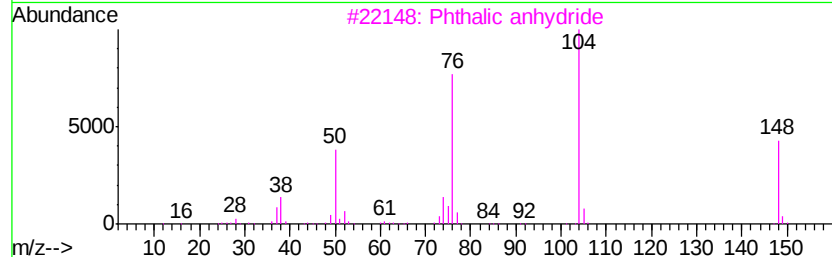
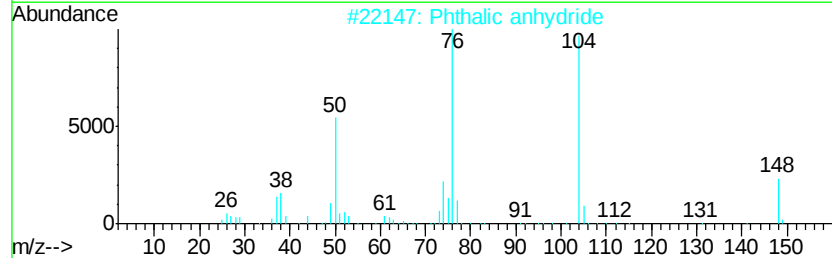
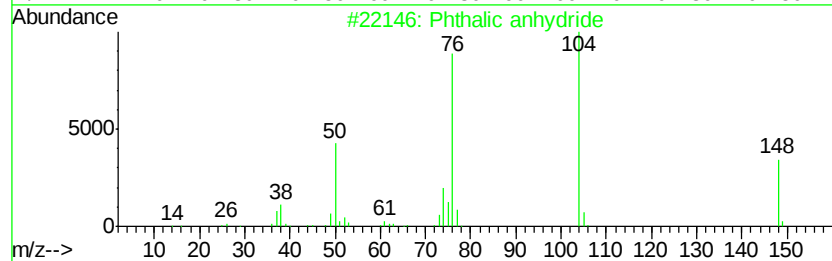
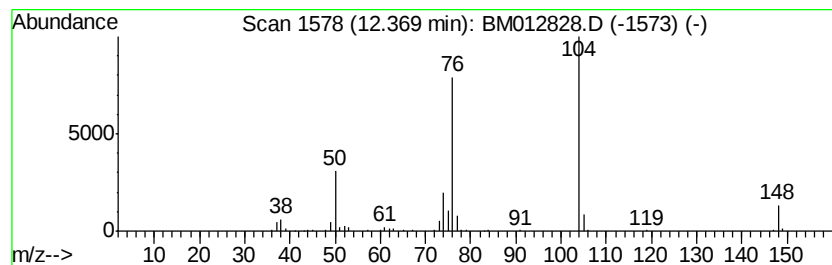
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Phthalic anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	9.67 ng/ul	499876	Naphthalene-d8	10.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic anhydride	148	C8H4O3	000085-44-9	95
2		Phthalic anhydride	148	C8H4O3	000085-44-9	95
3		Phthalic anhydride	148	C8H4O3	000085-44-9	95
4		1,2-Benzenedicarboxylic acid	166	C8H6O4	000088-99-3	90
5		Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	90



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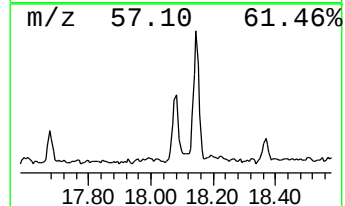
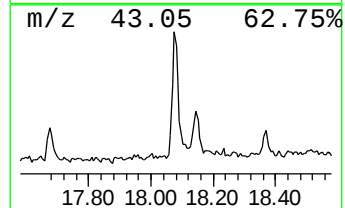
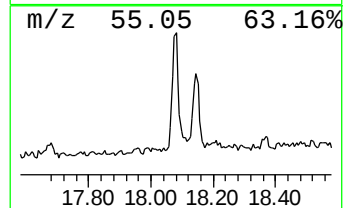
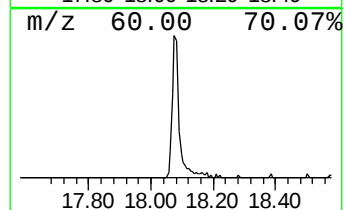
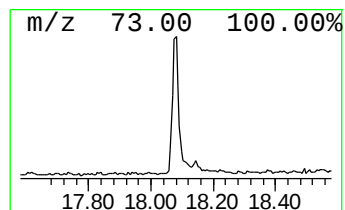
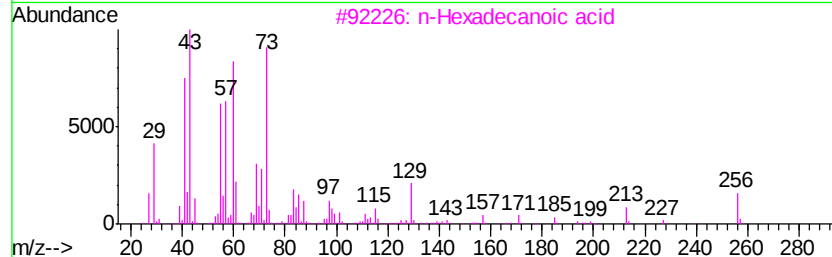
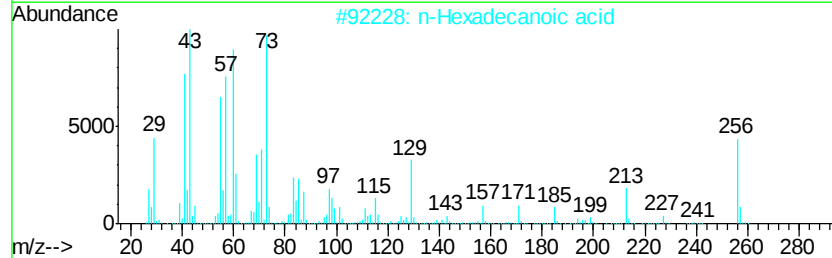
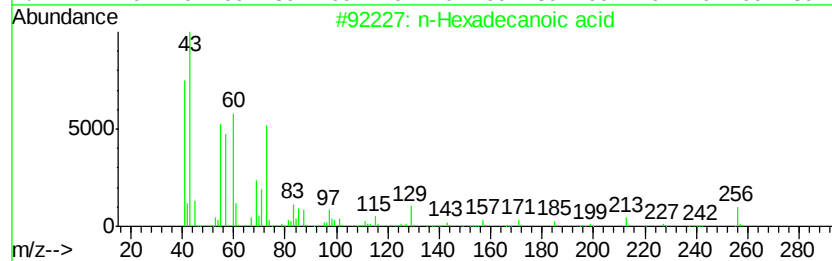
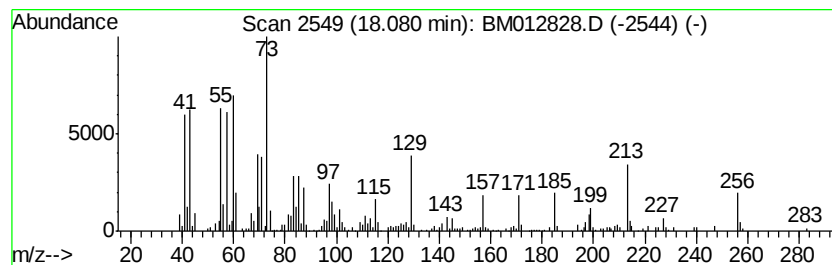
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TIC Integration Parameters: LSCINT.P

Peak Number 3 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.08	6.64 ng/ul	407153	Phenanthrene-d10		17.18	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	93
4	Tetradecane		198	C14H30	000629-59-4	90
5	Tridecanoic acid		214	C13H26O2	000638-53-9	89



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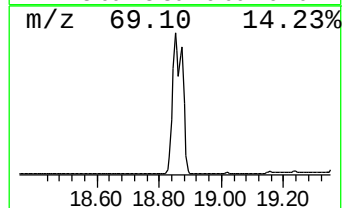
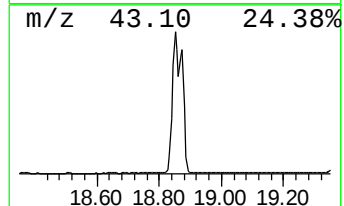
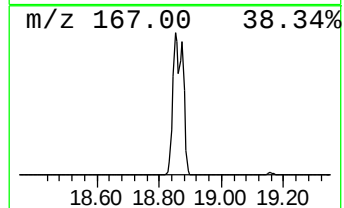
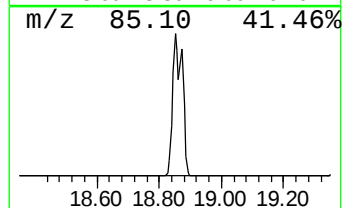
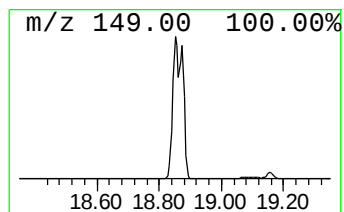
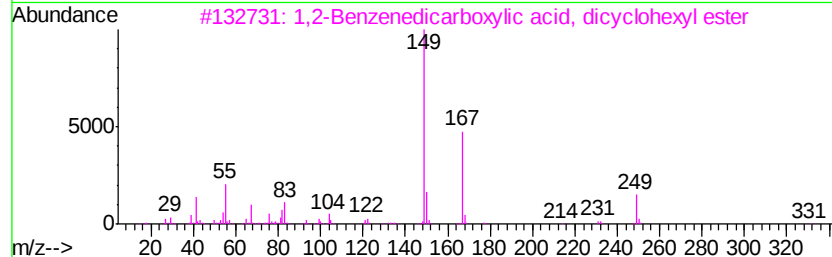
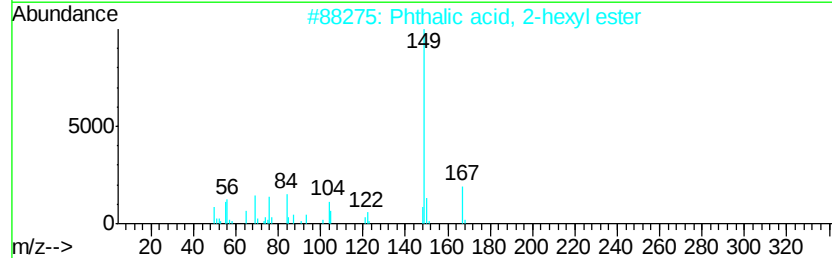
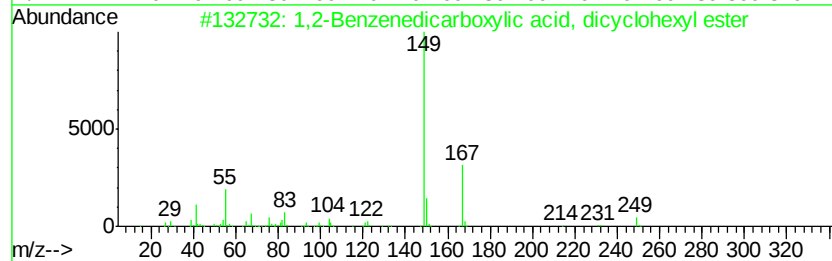
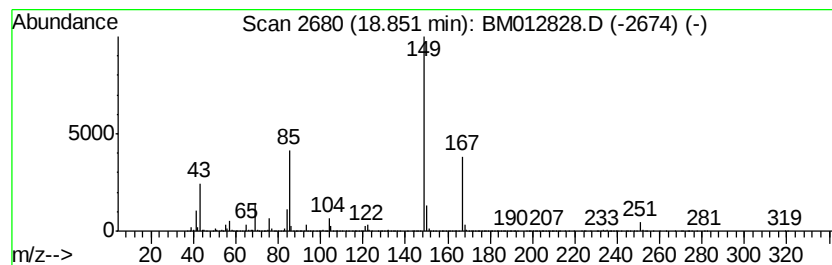
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TIC Integration Parameters: LSCINT.P

Peak Number 4 1,2-Benzenedicarboxylic aci... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.85	161.56 ng/ul	9912070	Phenanthrene-d10	17.18		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	53	
2	Phthalic acid, 2-hexyl ester	250	C14H18O4	079107-80-5	53	
3	1,2-Benzenedicarboxylic acid, di...	330	C20H26O4	000084-61-7	53	
4	Phthalic acid, monocyclohexyl ester	248	C14H16O4	007517-36-4	50	
5	1,2-Benzenedicarboxylic acid, bi...	334	C20H30O4	000146-50-9	47	



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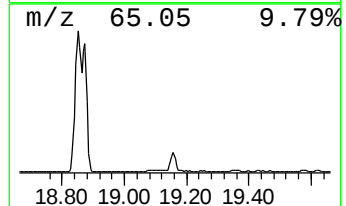
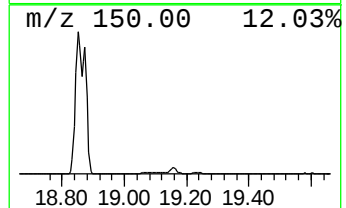
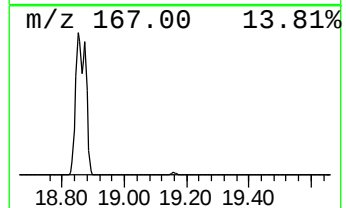
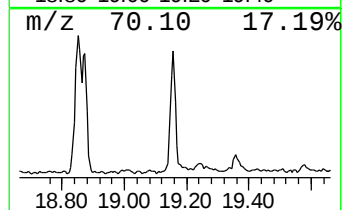
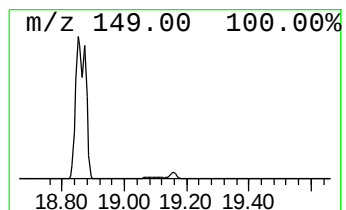
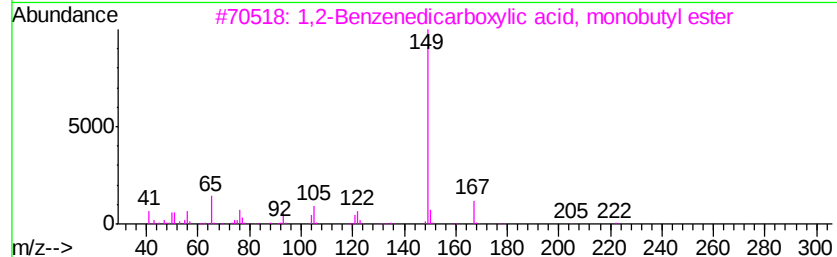
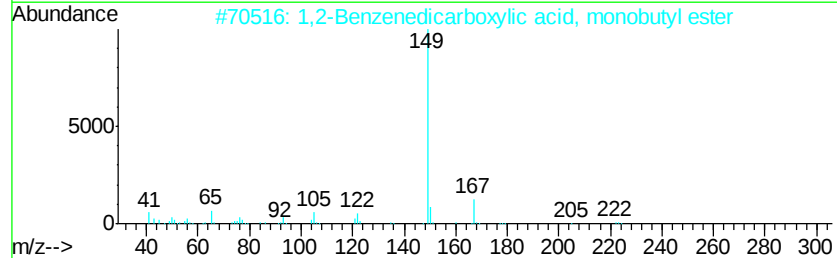
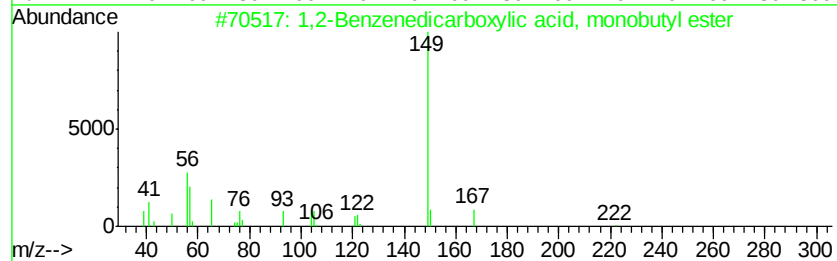
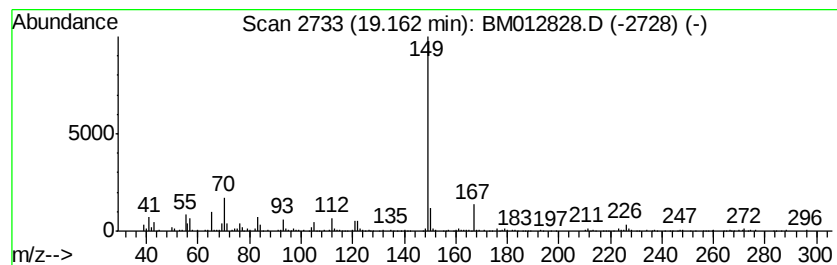
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 1,2-Benzenedicarboxylic aci... Concentration Rank 8

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19.16	5.10 ng/ul	312627	Phenanthrene-d10	17.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	74
2		1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	59
3		1,2-Benzenedicarboxylic acid, mo...	222	C12H14O4	000131-70-4	59
4		Dibutyl phthalate	278	C16H22O4	000084-74-2	50
5		7-Methylthieno[3,2-b]pyridine	149	C8H7NS	013362-83-9	50



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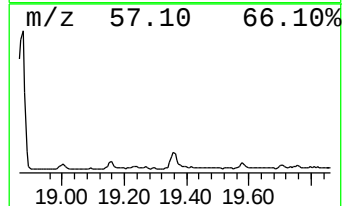
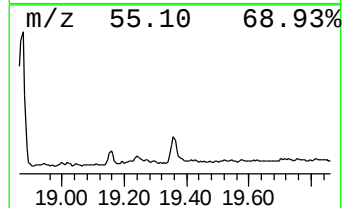
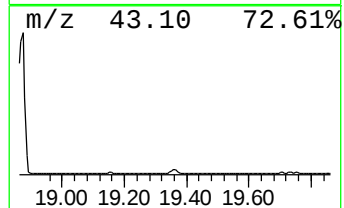
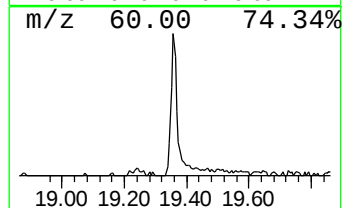
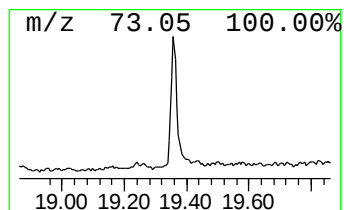
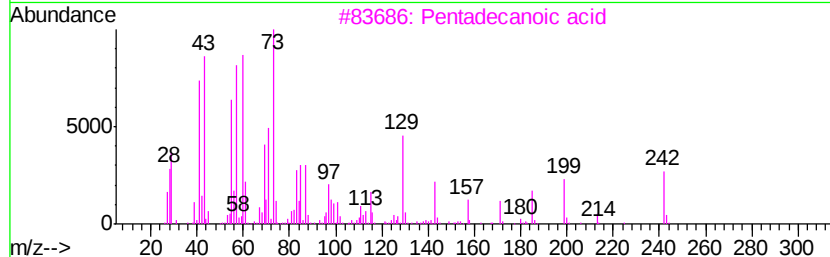
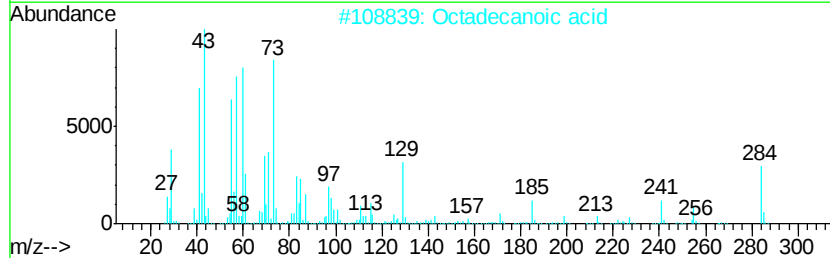
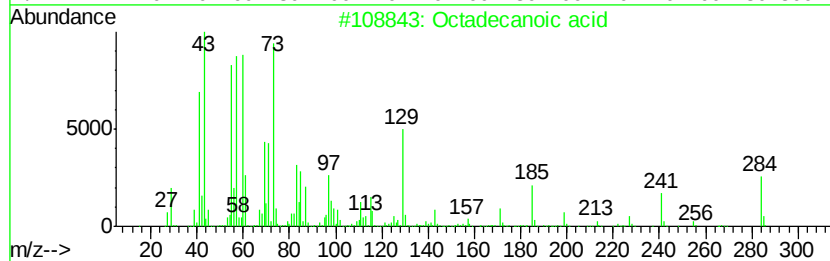
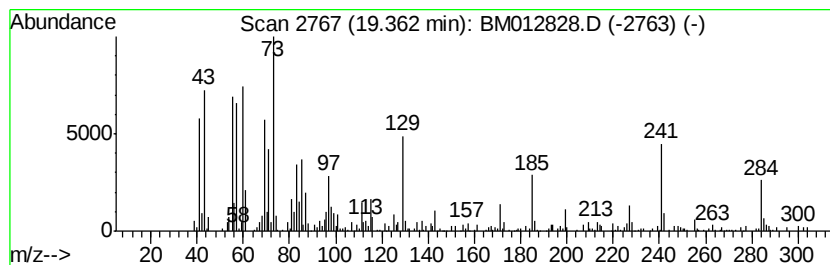
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	5.29 ng/ul	348443	Chrysene-d12	21.36

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	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Octadecanoic acid	284	C18H36O2	000057-11-4	83
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012828.D
Acq On : 08 Nov 2017 19:20
Operator : SJ/JU
Sample : I5955-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717

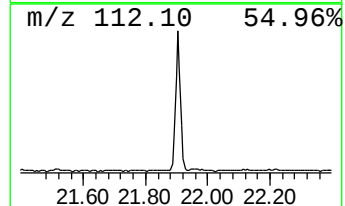
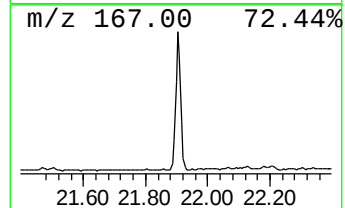
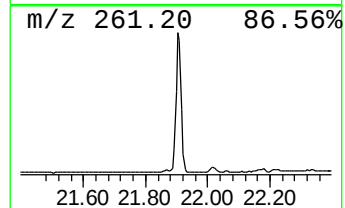
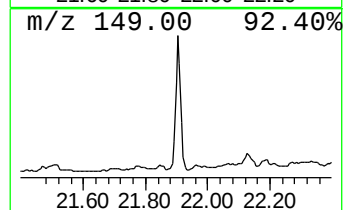
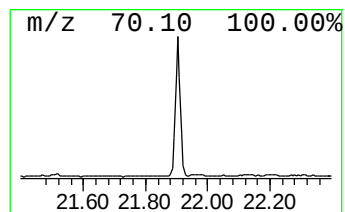
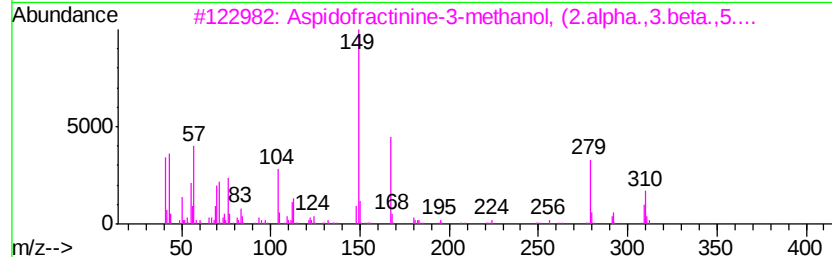
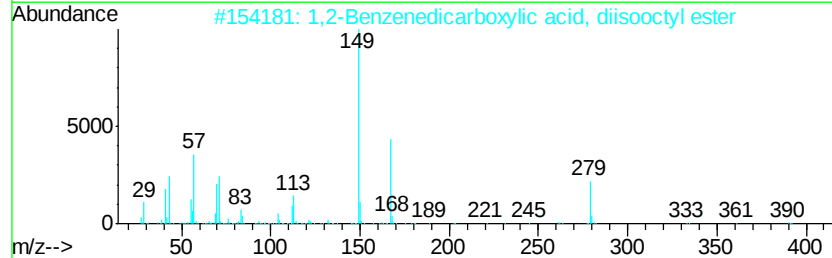
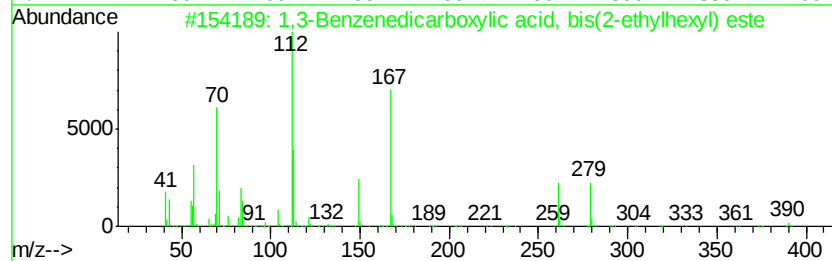
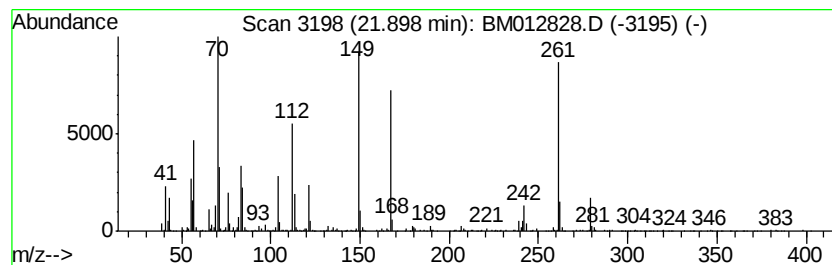
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	22.85 ng/ul	1505740	Chrysene-d12	21.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	37
2		1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	30
3		Aspidofractinine-3-methanol, (2....	310	C20H26N2O	002656-44-2	22
4		1,2-Benzenedicarboxylic acid, di...	390	C24H38O4	027554-26-3	14
5		Bis(2-ethylhexyl) phthalate	390	C24H38O4	000117-81-7	12



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012828.D
Acq On : 08 Nov 2017 19:20
Operator : SJ/JU
Sample : I5955-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
B-15(0.25-1.25)-101717

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	7.86	11.4	ng/ul	399341	1	7.80	698919	20.0
Phthalic anhydride	12.37	9.7	ng/ul	499876	2	10.59	1033600	20.0
n-Hexadecanoic acid	18.08	6.6	ng/ul	407153	4	17.18	1227020	20.0
1,2-Benzenedicarb...	18.85	161.6	ng/ul	9912070	4	17.18	1227020	20.0
1,2-Benzenedicarb...	19.16	5.1	ng/ul	312627	4	17.18	1227020	20.0
Octadecanoic acid	19.36	5.3	ng/ul	348443	5	21.36	1318110	20.0
unknown-01	21.90	22.9	ng/ul	1505740	5	21.36	1318110	20.0