

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
 Data File : BF090452.D
 Acq On : 7 Oct 2016 19:13
 Operator : UM/SJ
 Sample : H5133-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-001-C

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % 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_F\METHODS\8270-BF100516.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.194	247	250	254	rVB	1117885	1562819	24.18%	2.614%
2	5.606	283	286	288	rBV	5447643	5535493	85.64%	9.258%
3	6.623	372	375	377	rBV	5003222	5640673	87.27%	9.434%
4	6.760	384	387	389	rBV	6447908	6161658	95.33%	10.305%
5	6.988	404	407	409	rBV	1848028	1633347	25.27%	2.732%
6	7.149	418	421	423	rVB	4609281	4887514	75.62%	8.174%
7	7.549	453	456	459	rBV	3553344	3621499	56.03%	6.057%
8	7.640	461	464	466	rVV	108724	125444	1.94%	0.210%
9	8.280	517	520	522	rBV	1712144	2168251	33.55%	3.626%
10	9.354	611	614	617	rBV	6818009	6463486	100.00%	10.810%
11	9.754	646	649	650	rBV	1703954	2162300	33.45%	3.616%
12	9.960	663	667	670	rVB2	41560	75533	1.17%	0.126%
13	10.040	671	674	676	rVB	2545867	2464950	38.14%	4.123%
14	10.463	708	711	713	rBV	129869	184599	2.86%	0.309%
15	10.692	728	731	732	rBV	79127	110850	1.72%	0.185%
16	10.829	740	743	745	rBV	4170489	3812246	58.98%	6.376%
17	10.943	751	753	759	rVB	235202	286355	4.43%	0.479%
18	11.389	791	792	794	rBV	125821	125547	1.94%	0.210%
19	11.526	802	804	806	rBV	2546253	2154913	33.34%	3.604%
20	11.755	821	824	827	rBV	50369	77325	1.20%	0.129%
21	12.052	848	850	856	rBV	1000076	995540	15.40%	1.665%
22	12.143	856	858	862	rVB	39182	71272	1.10%	0.119%
23	12.612	897	899	902	rBV2	41866	80906	1.25%	0.135%
24	12.738	909	910	913	rBV	152623	243920	3.77%	0.408%
25	12.783	913	914	917	rVV2	85556	134828	2.09%	0.225%
26	12.841	917	919	923	rVV	592763	597862	9.25%	1.000%
27	12.966	928	930	937	rVB	116659	205235	3.18%	0.343%
28	13.115	941	943	946	rVV	4323679	4889672	75.65%	8.178%
29	14.018	1019	1022	1028	rBV	405041	509181	7.88%	0.852%
30	14.178	1033	1036	1037	rBV	1161290	1471256	22.76%	2.461%
31	15.675	1164	1167	1169	rBV	967154	1132220	17.52%	1.894%
32	16.864	1269	1271	1279	rVB	94763	204930	3.17%	0.343%

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Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

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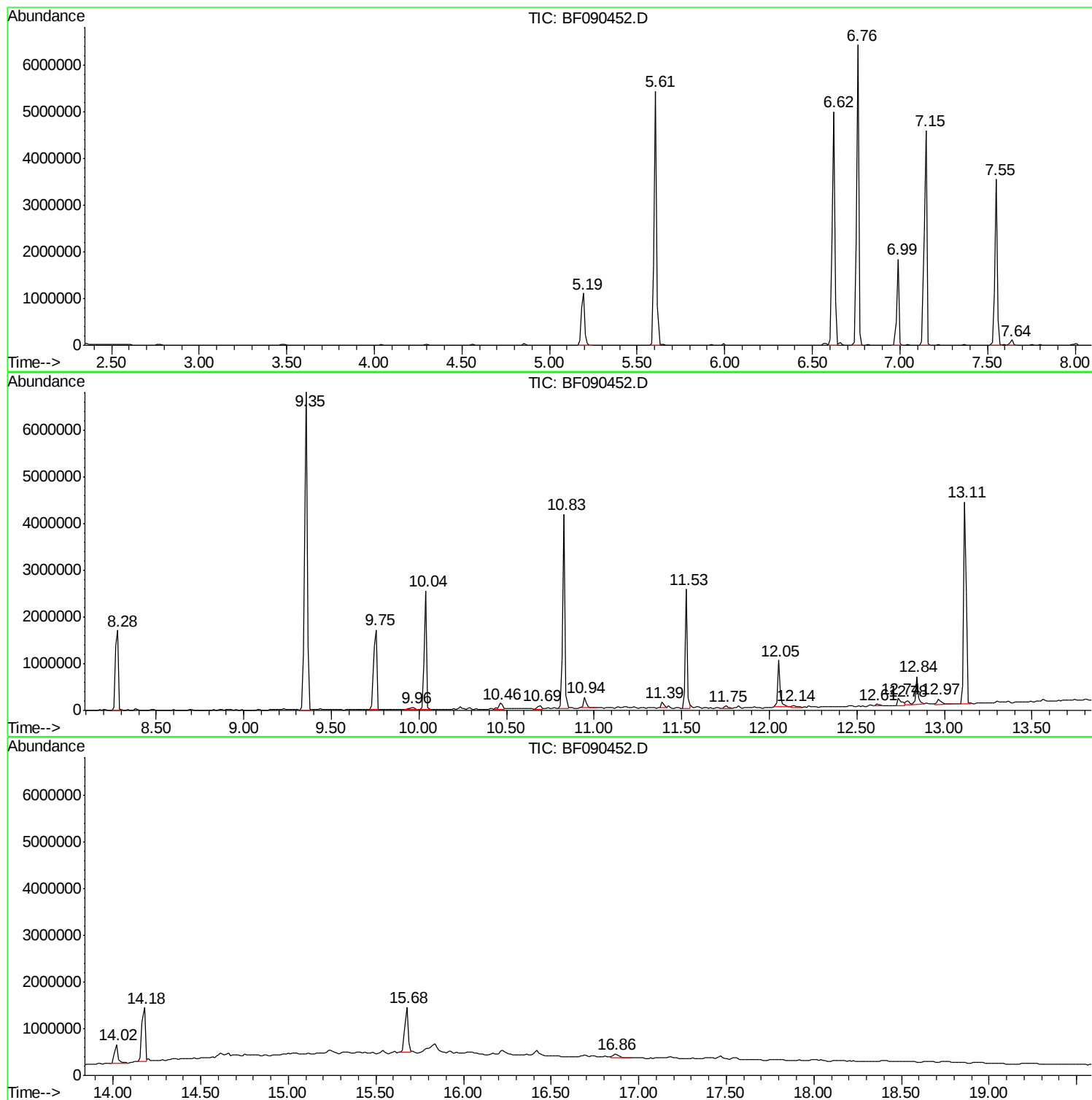
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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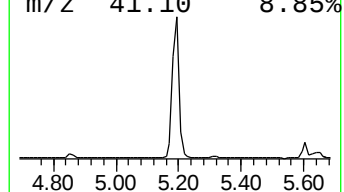
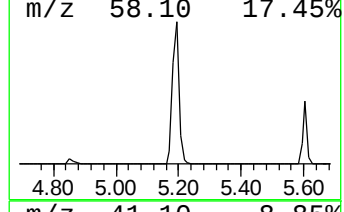
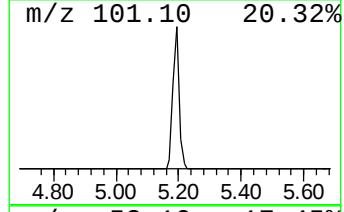
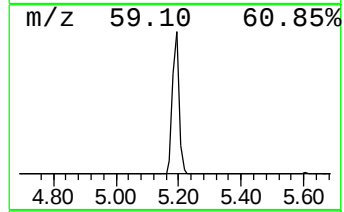
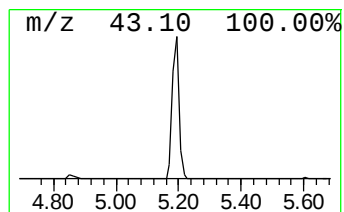
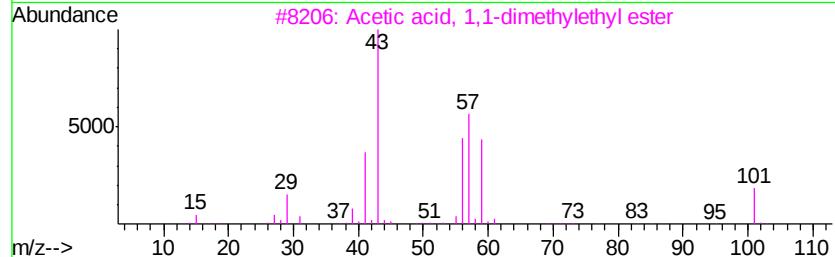
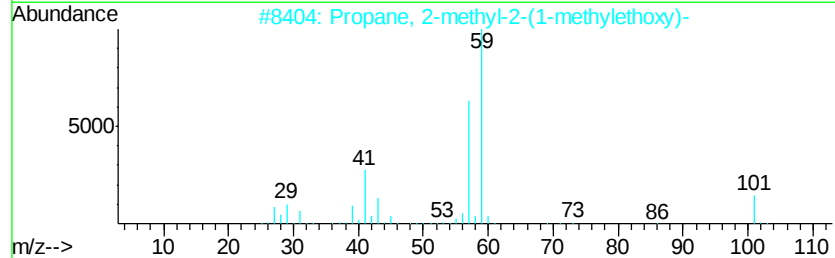
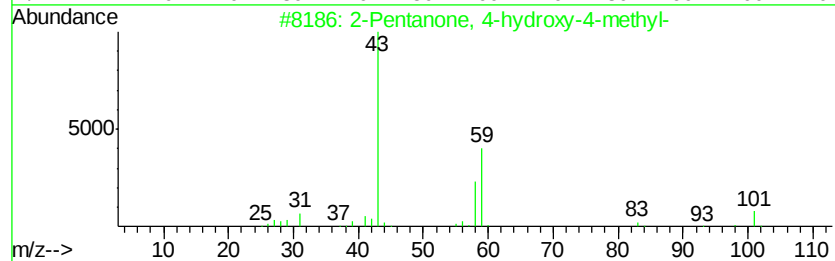
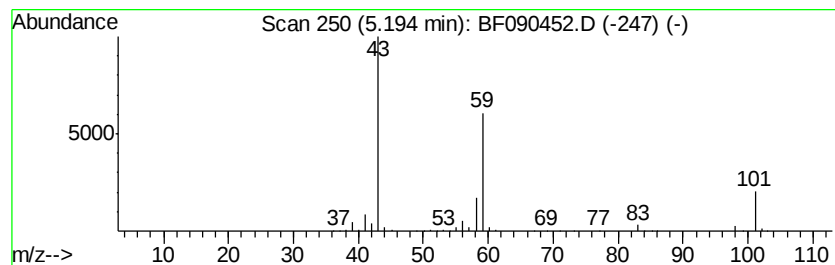
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	19.14 ng	1562820	1,4-Dichlorobenzene-d4	6.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
3		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		Acetone	58	C3H6O	000067-64-1	9



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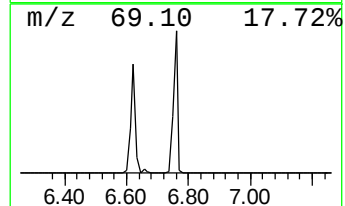
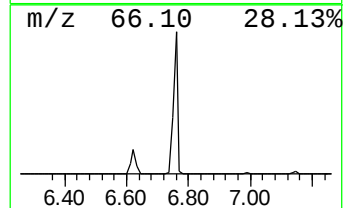
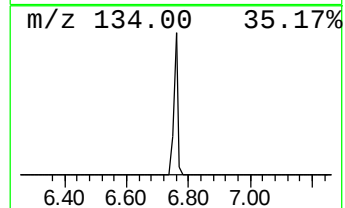
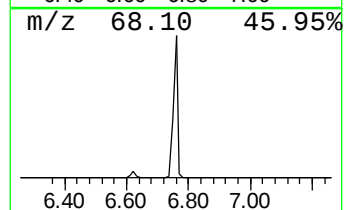
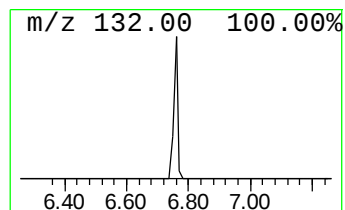
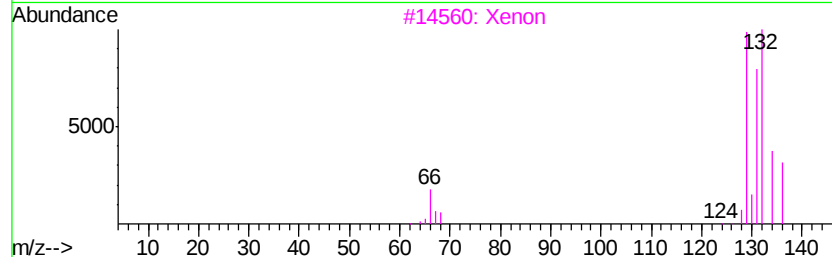
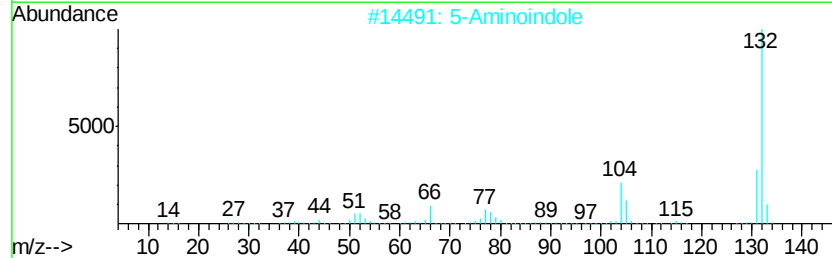
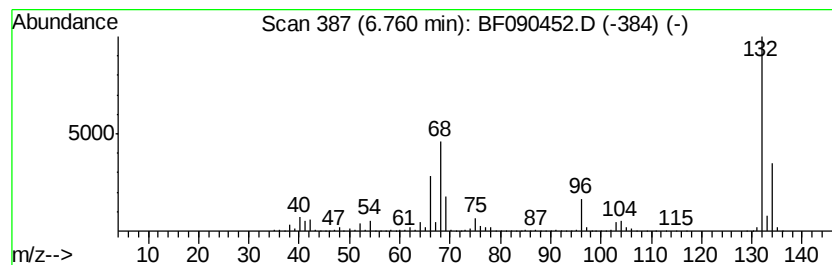
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.76 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	75.45 ng	6161660	1,4-Dichlorobenzene-d4	6.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	16
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Xenon			132	Xe	007440-63-3	9
4	4-Chloro-2-fluoro-pyrimidine			132	C4H2ClFN2	051422-00-5	9
5	4-Chloro-6-fluoro-pyrimidine			132	C4H2ClFN2	051422-01-6	9



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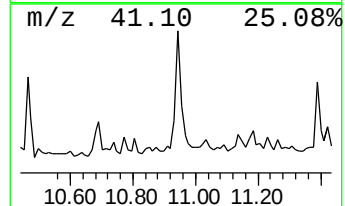
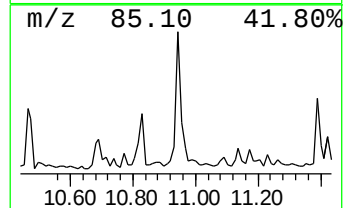
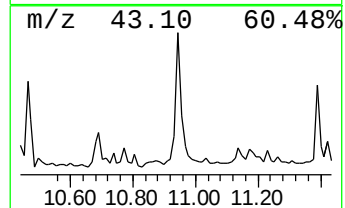
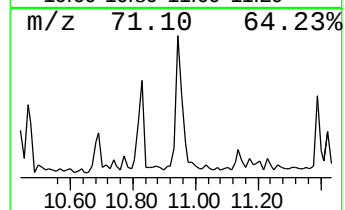
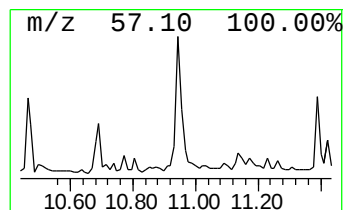
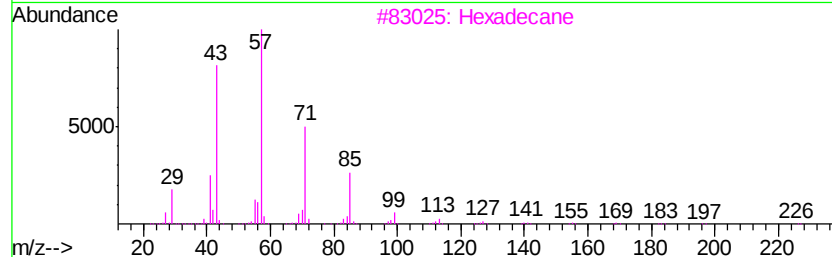
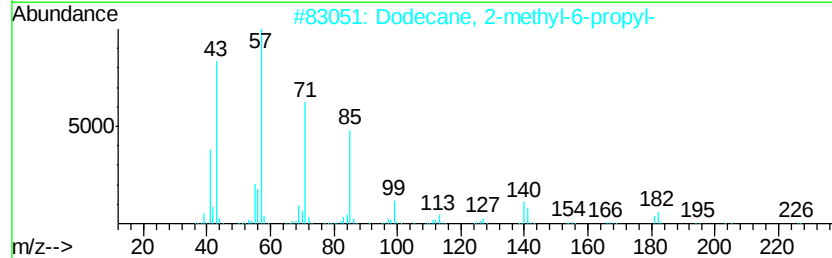
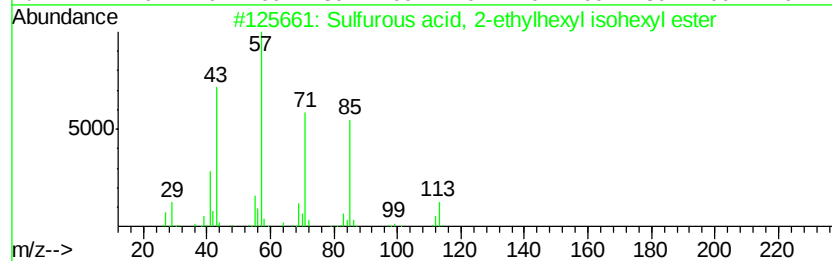
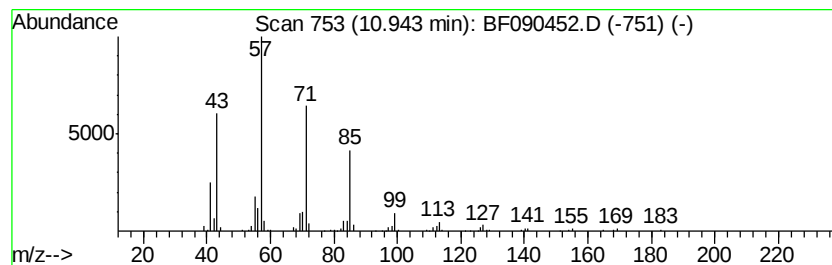
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.66 ng	286355	Phenanthrene-d10	11.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	86
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Hexadecane	226	C16H34	000544-76-3	80
4		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	78
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72



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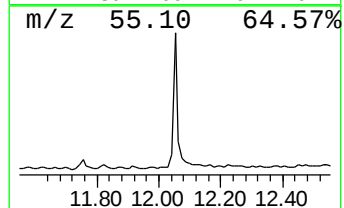
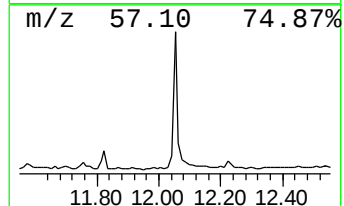
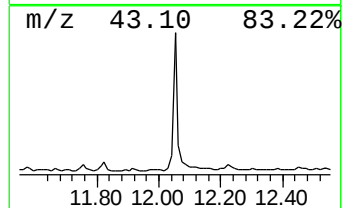
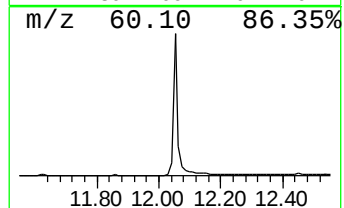
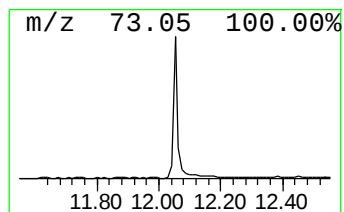
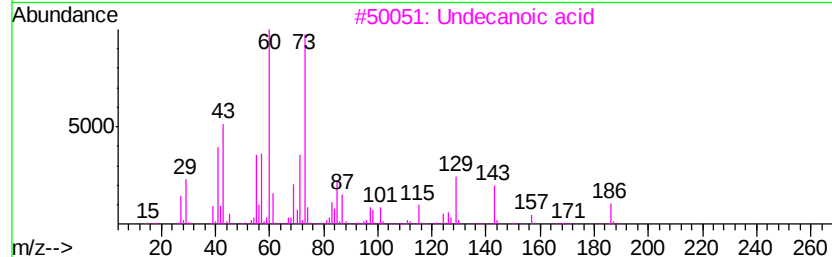
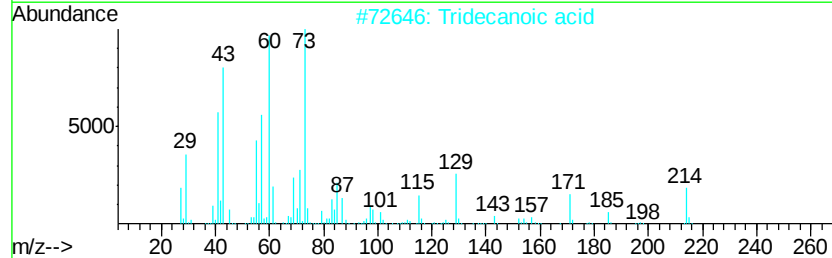
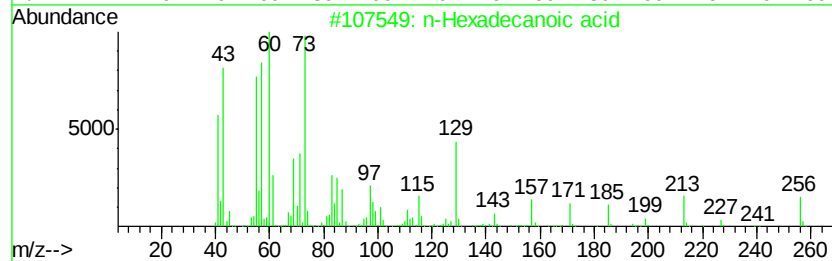
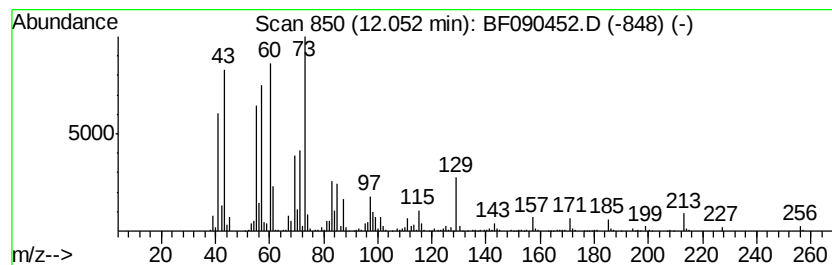
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	9.24 ng	995540	Phenanthrene-d10	11.53

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Undecanoic acid	186	C11H22O2	000112-37-8	86
4		Dodecanoic acid	200	C12H24O2	000143-07-7	81
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



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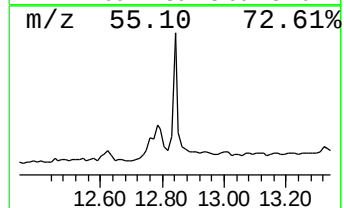
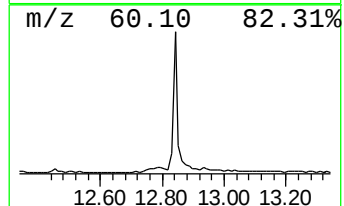
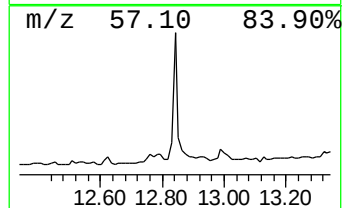
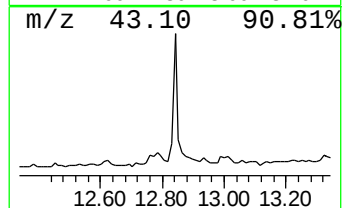
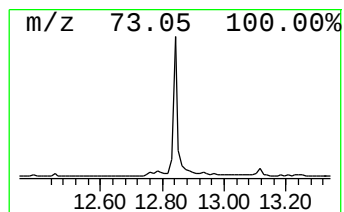
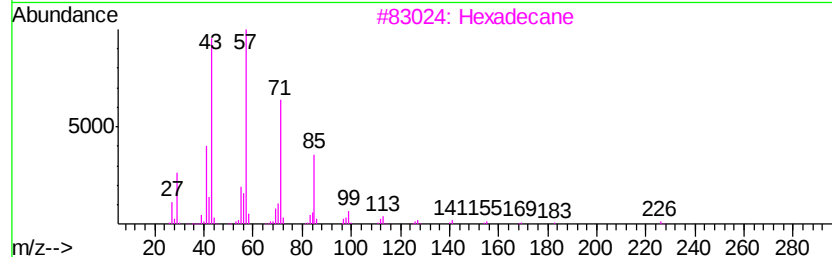
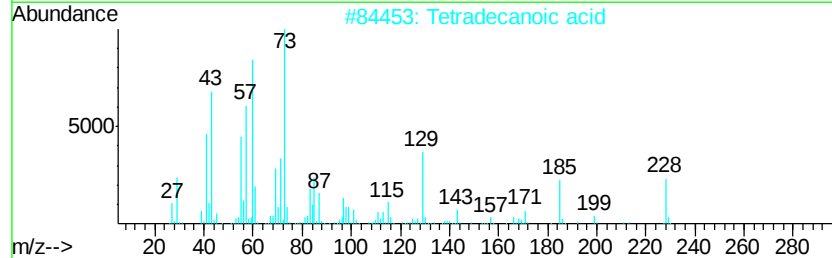
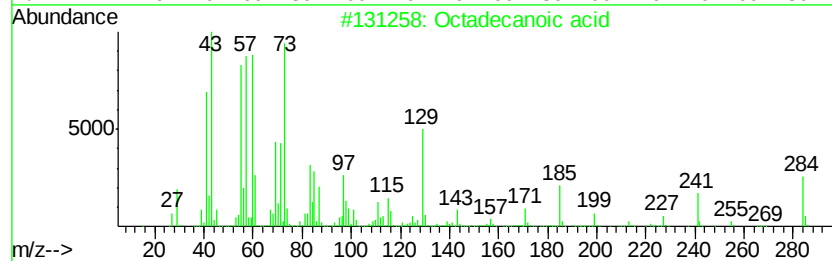
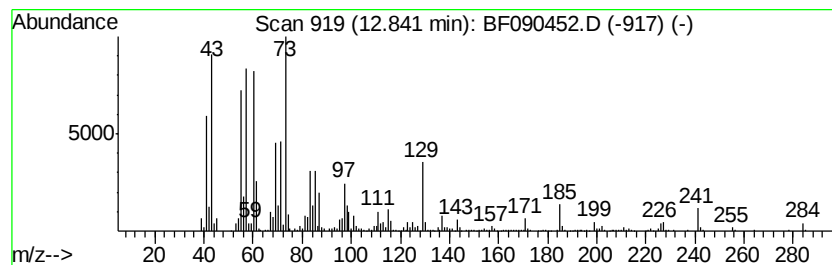
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.84	5.55 ng	597862	Phenanthrene-d10		11.53
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
3	Hexadecane	226	C16H34	000544-76-3	40
4	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	25
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	25



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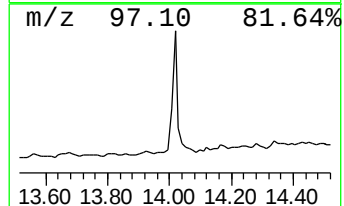
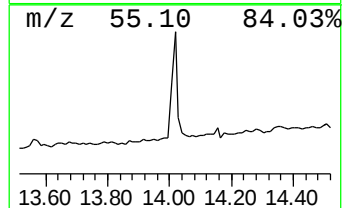
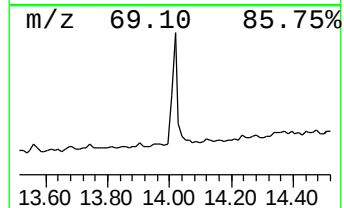
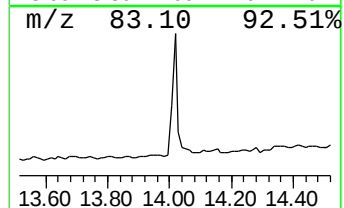
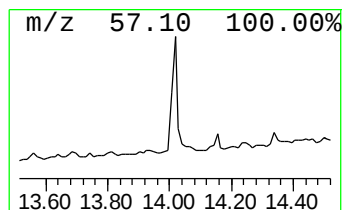
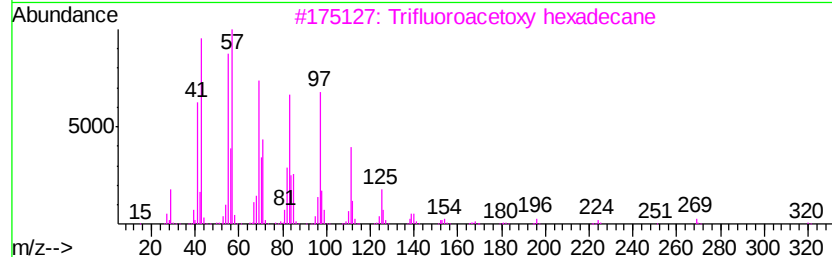
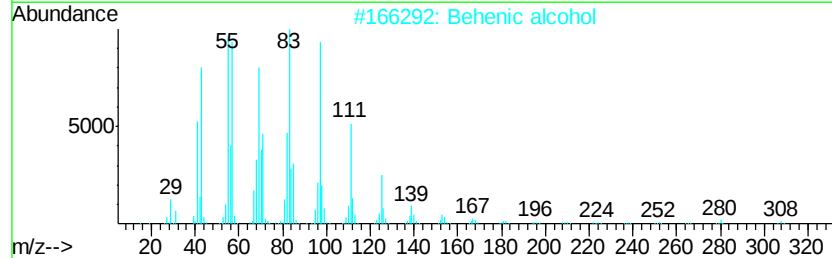
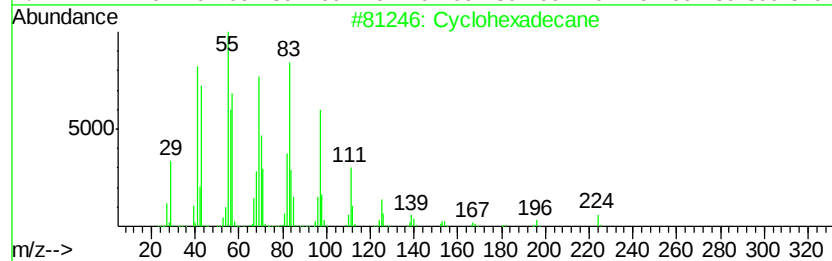
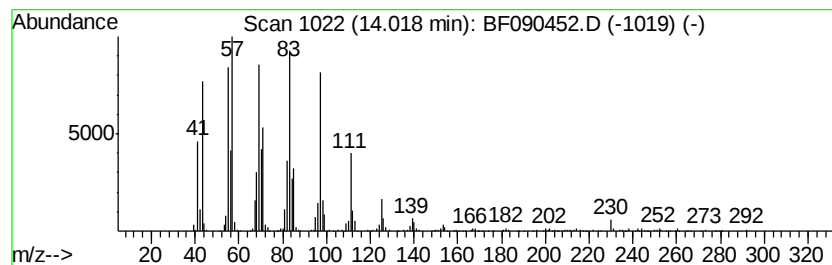
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.02	6.92 ng	509181	Chrysene-d12	14.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	1-Nonadecene	266	C19H38	018435-45-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090452.D
Acq On : 7 Oct 2016 19:13
Operator : UM/SJ
Sample : H5133-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

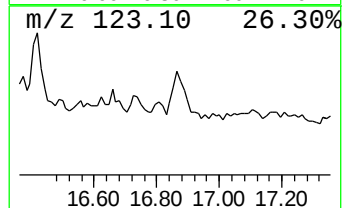
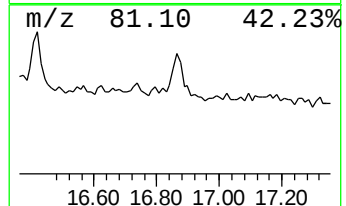
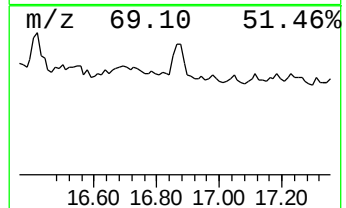
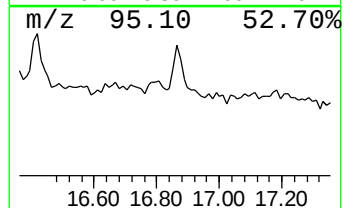
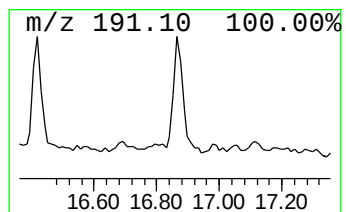
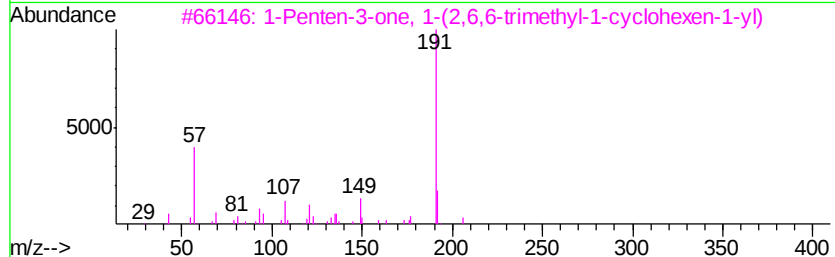
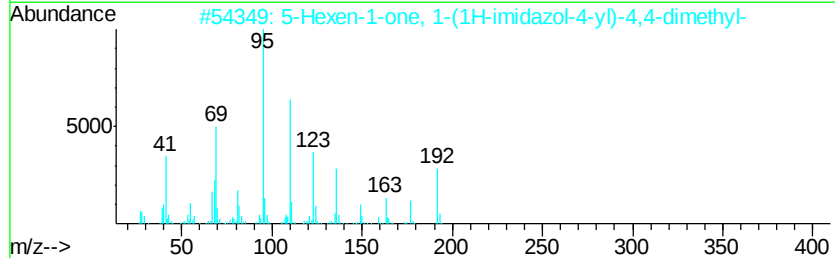
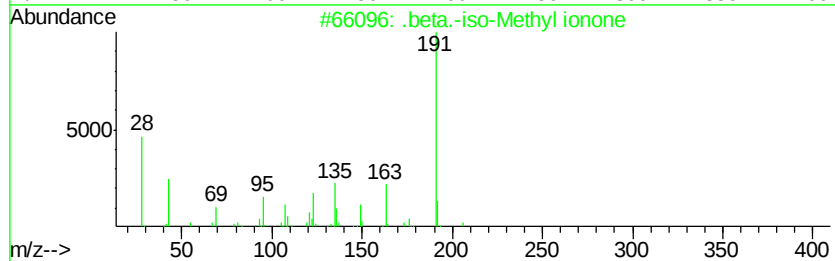
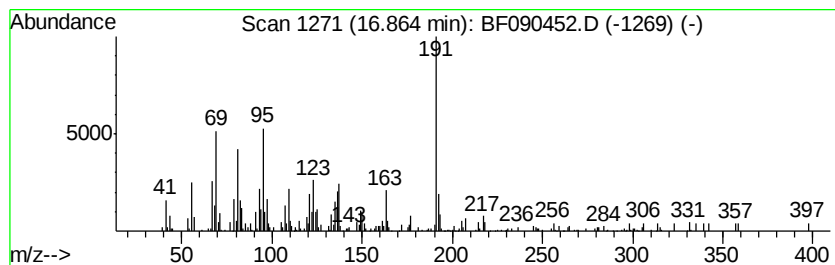
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown16.86 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.62 ng	204930	Perylene-d12	15.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		.beta.-iso-Methyl ionone	206 C14H22O	1000285-40-2 46
2		5-Hexen-1-one, 1-(1H-imidazol-4-yl)-4,4-dimethyl-	192 C11H16N2O	069393-41-5 42
3		1-Penten-3-one, 1-(2,6,6-trimethyl-1-cyclohexen-1-yl)-	206 C14H22O	000127-43-5 41
4		Propenamide, 3-(3,4-dimethoxyphenyl)-	313 C18H19NO4	339165-72-9 38
5		Tricyclo[4.3.0.0(7,9)]nonane, 2,2,7,7-tetramethyl-	206 C15H26	054832-82-5 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090452.D
Acq On : 7 Oct 2016 19:13
Operator : UM/SJ
Sample : H5133-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
2-Pentanone, 4-hy...	5.19	19.1 ng		1562820	1	6.99	1633350	20.0
unknown6.76	6.76	75.5 ng		6161660	1	6.99	1633350	20.0
Sulfurous acid, 2...	10.94	2.7 ng		286355	4	11.53	2154910	20.0
n-Hexadecanoic acid	12.05	9.2 ng		995540	4	11.53	2154910	20.0
Octadecanoic acid	12.84	5.5 ng		597862	4	11.53	2154910	20.0
Cyclohexadecane	14.02	6.9 ng		509181	5	14.18	1471260	20.0
unknown16.86	16.86	3.6 ng		204930	6	15.68	1132220	20.0