

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
 Data File : BM022235.D
 Acq On : 21 Aug 2019 18:48
 Operator : HP/JU
 Sample : K4095-09 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-081919

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:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.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	3.828	137	143	152	rVB	59805	79865	3.02%	0.959%
2	5.181	368	373	381	rBV	47564	71088	2.69%	0.853%
3	6.763	637	642	650	rBV	42847	78266	2.96%	0.940%
4	7.104	695	700	710	rBB	56114	86949	3.29%	1.044%
5	7.563	773	778	788	rBB	177270	277807	10.50%	3.335%
6	7.881	826	832	839	rBB	48263	74585	2.82%	0.895%
7	8.745	974	979	989	rBV	25759	46118	1.74%	0.554%
8	10.339	1242	1250	1261	rBV	211771	366102	13.84%	4.395%
9	12.833	1669	1674	1687	rBB	86326	127939	4.84%	1.536%
10	14.221	1904	1910	1920	rBV	338396	488865	18.48%	5.869%
11	15.739	2163	2168	2175	rBV	45464	69949	2.64%	0.840%
12	15.933	2196	2201	2208	rBV2	24866	44019	1.66%	0.528%
13	16.727	2331	2336	2339	rBV	23538	28715	1.09%	0.345%
14	16.986	2373	2380	2385	rBV2	367289	513395	19.40%	6.164%
15	17.651	2488	2493	2498	rVB	374438	438868	16.59%	5.269%
16	17.880	2526	2532	2535	rBV3	22742	34511	1.30%	0.414%
17	18.803	2683	2689	2691	rBV	1021746	1173574	44.36%	14.090%
18	18.833	2691	2694	2705	rVB	2175884	2645743	100.00%	31.765%
19	18.968	2712	2717	2723	rVB	150506	166925	6.31%	2.004%
20	19.056	2728	2732	2737	rVB2	71409	100928	3.81%	1.212%
21	19.421	2791	2794	2800	rVB	39014	55395	2.09%	0.665%
22	19.627	2824	2829	2834	rBV	145064	170883	6.46%	2.052%
23	19.962	2883	2886	2893	rVB5	33177	37249	1.41%	0.447%
24	20.074	2901	2905	2910	rBV2	37696	44055	1.67%	0.529%
25	21.027	3064	3067	3071	rBV	48477	48223	1.82%	0.579%
26	21.191	3089	3095	3099	rBV	419996	555060	20.98%	6.664%
27	23.385	3463	3468	3476	rVB	280154	504014	19.05%	6.051%

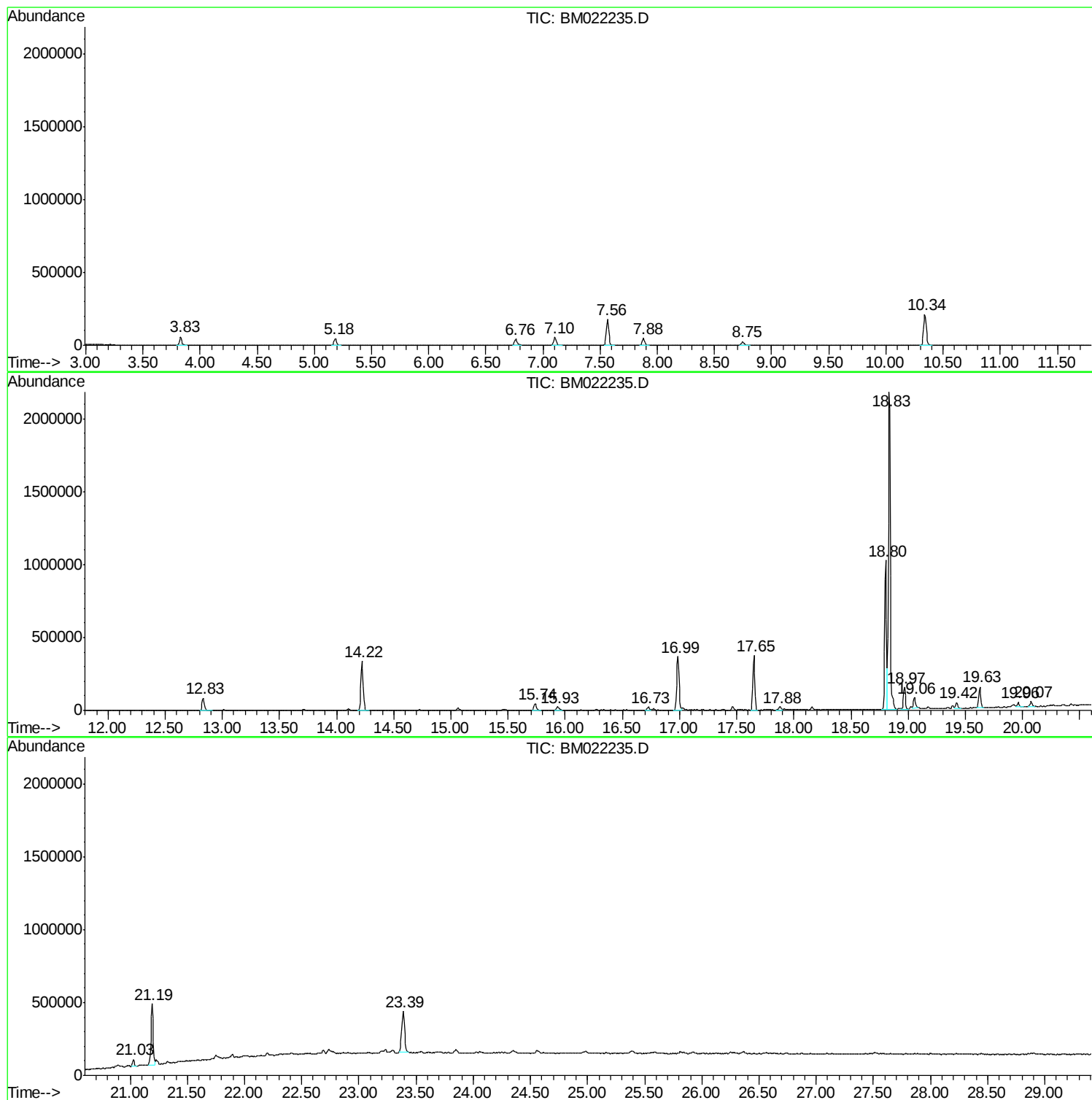
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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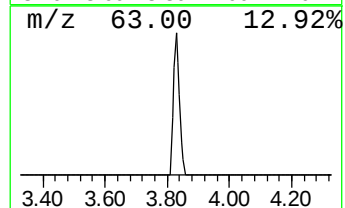
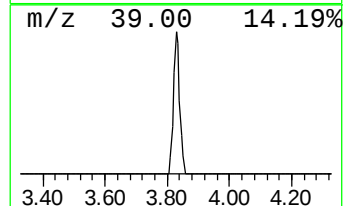
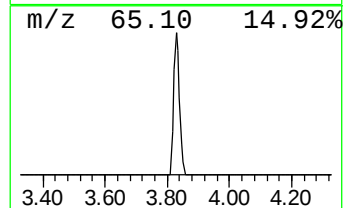
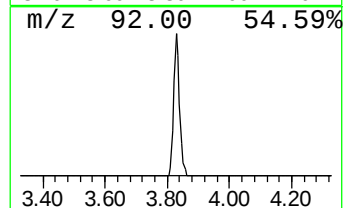
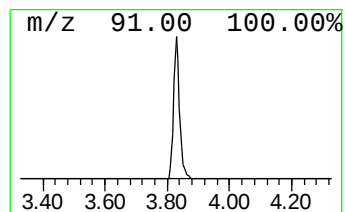
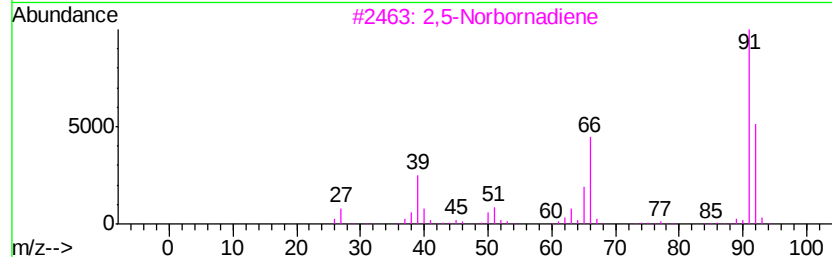
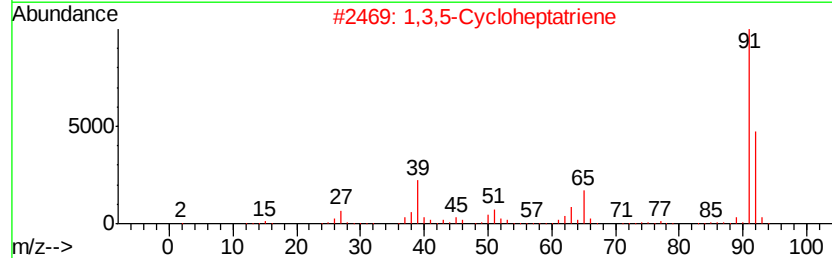
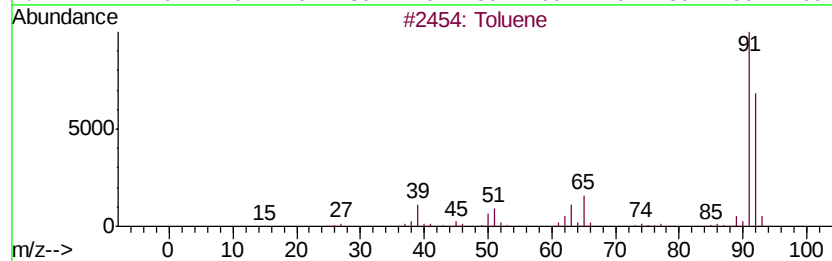
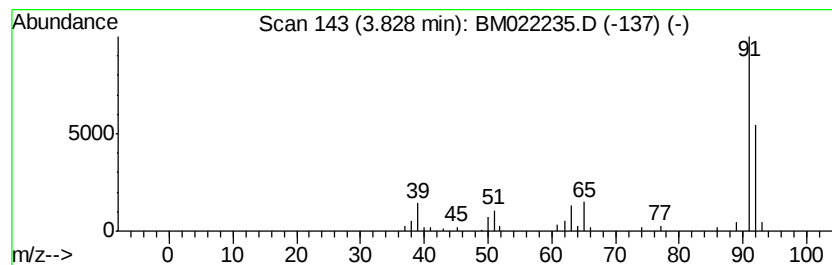
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	5.75 ng	79865	1,4-Dichlorobenzene-d4	7.56

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	91
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
3			2,5-Norbornadiene	92	C7H8	000121-46-0	87
4			Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	78
5			1,5-Heptadien-3-yne	92	C7H8	003511-27-1	64



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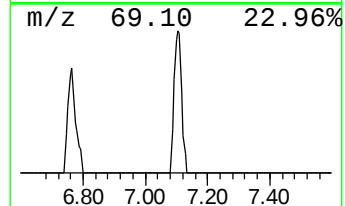
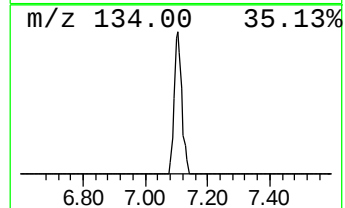
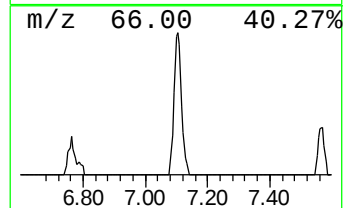
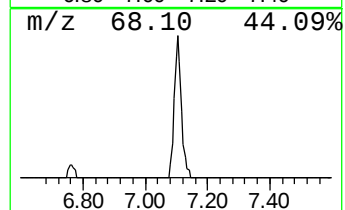
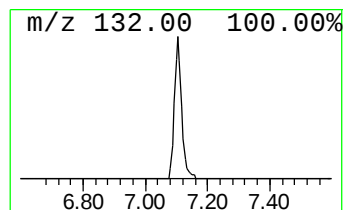
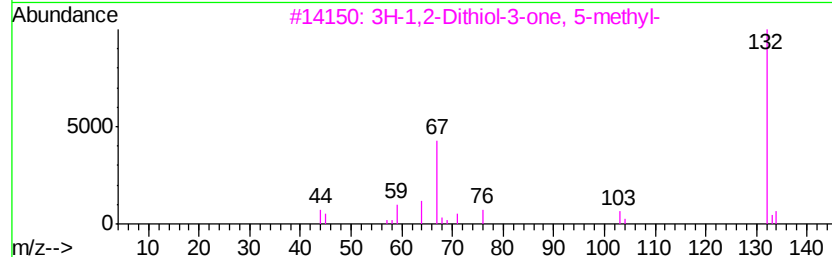
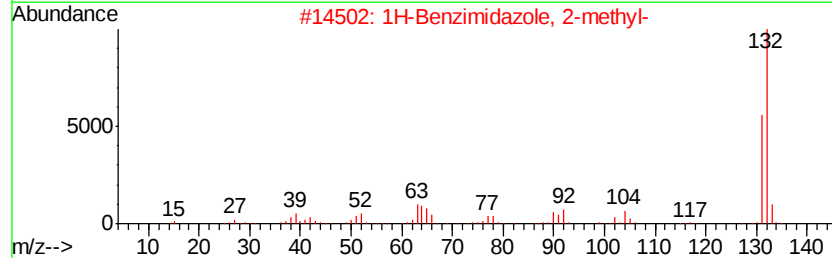
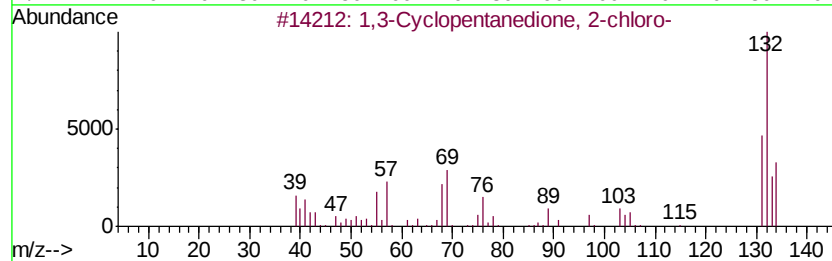
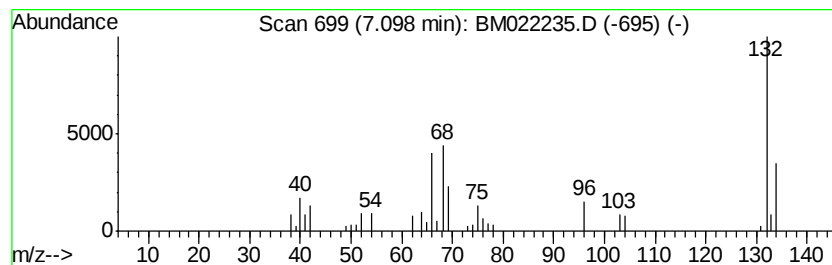
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Peak Number 2 unknown7.10 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	6.26 ng	86949	1,4-Dichlorobenzene-d4	7.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	30
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3		3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
5		Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	22



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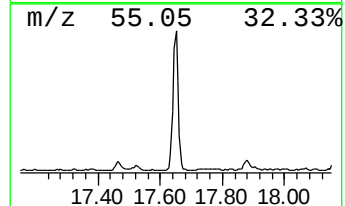
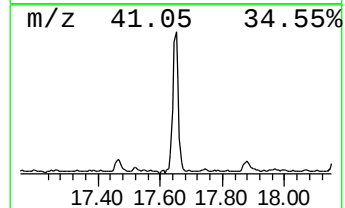
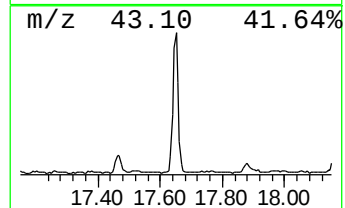
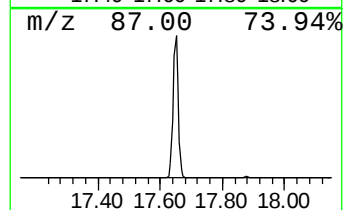
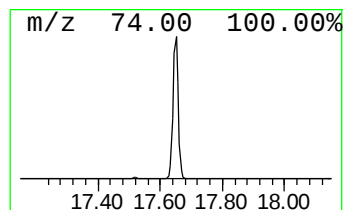
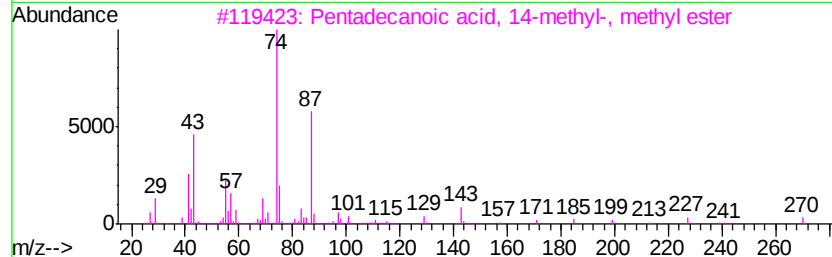
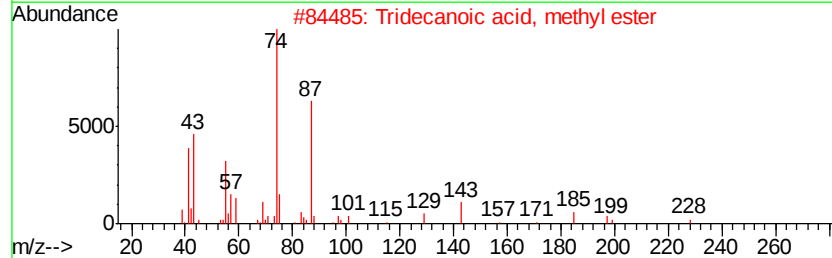
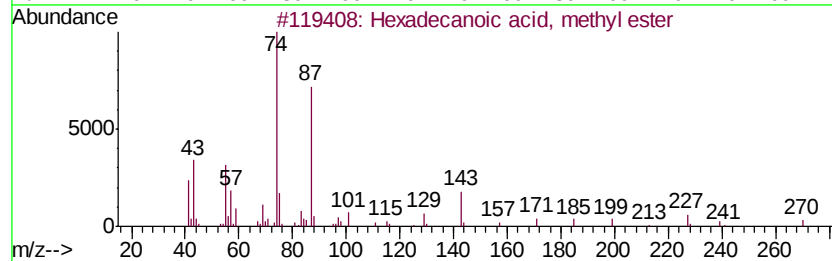
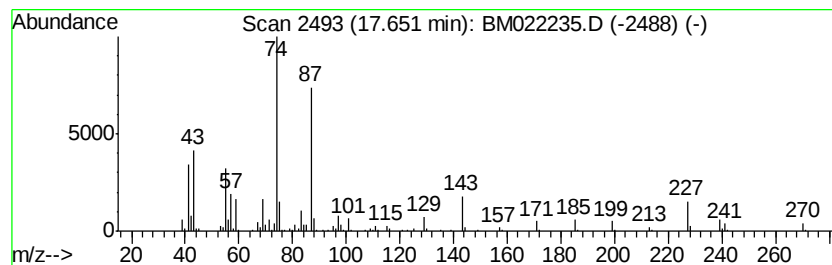
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Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	17.10 ng	438868	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	96
3		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5		Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83



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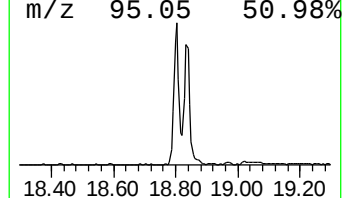
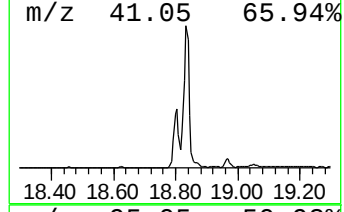
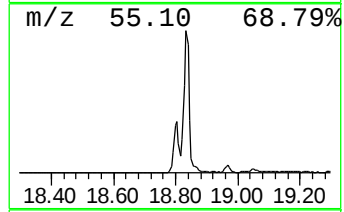
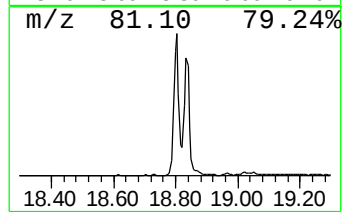
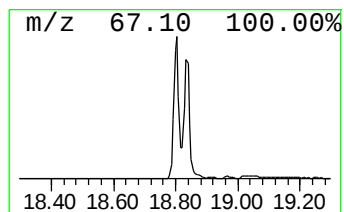
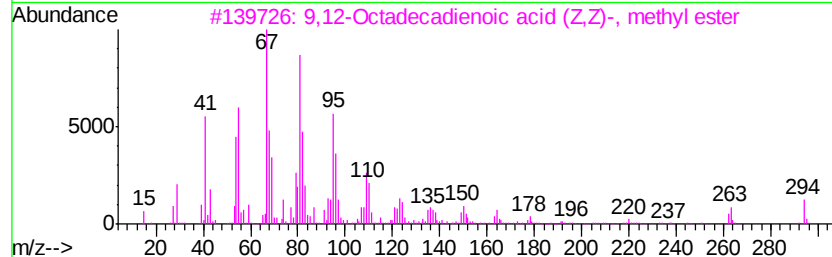
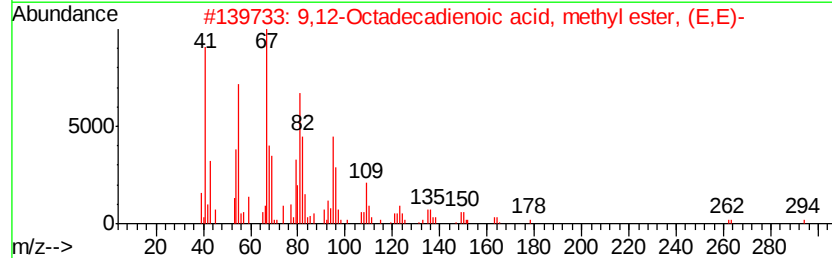
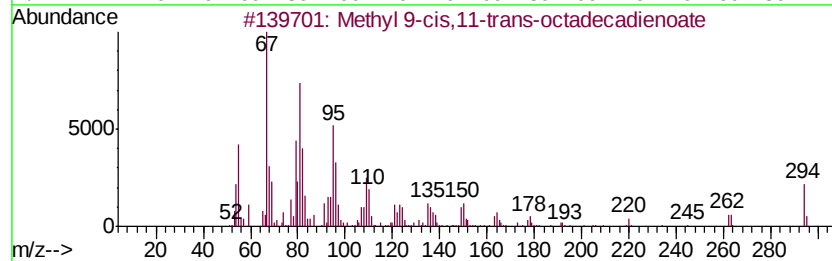
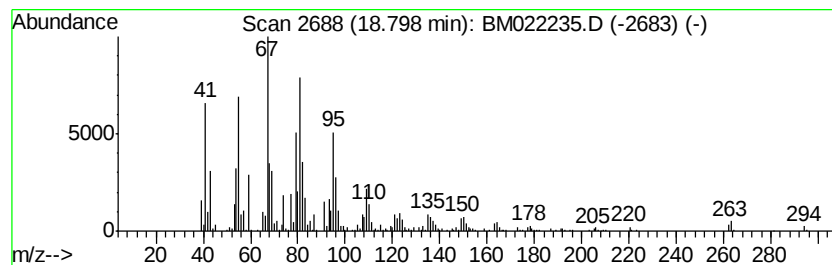
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Peak Number 5 Methyl 9-cis,11-trans-octad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	45.72 ng	1173570	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	98
5		Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	98



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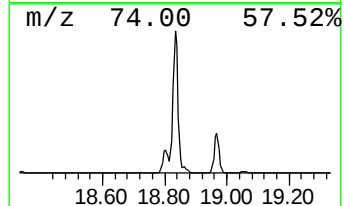
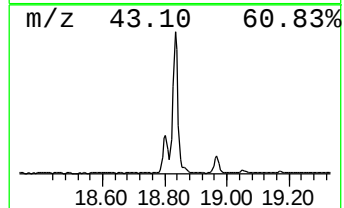
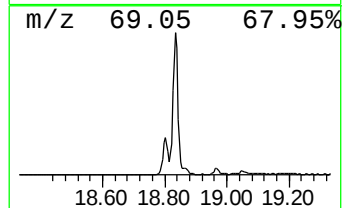
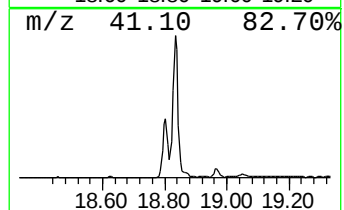
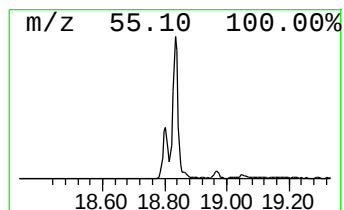
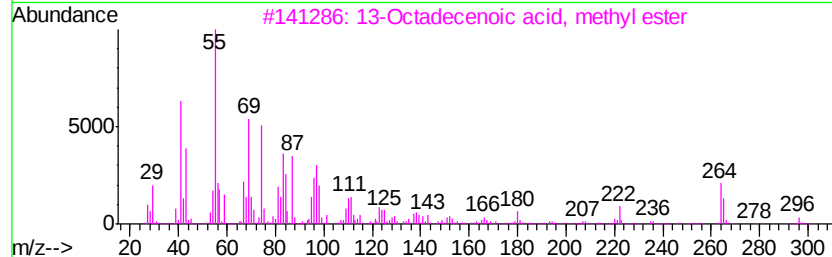
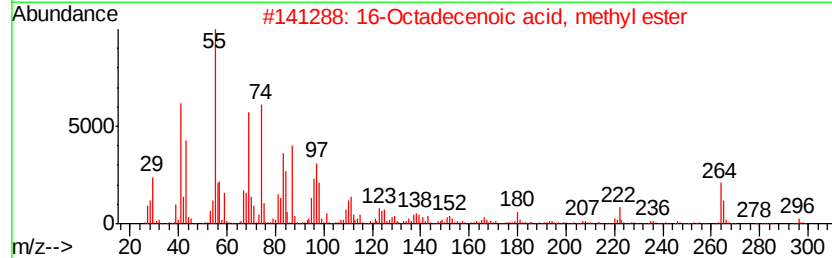
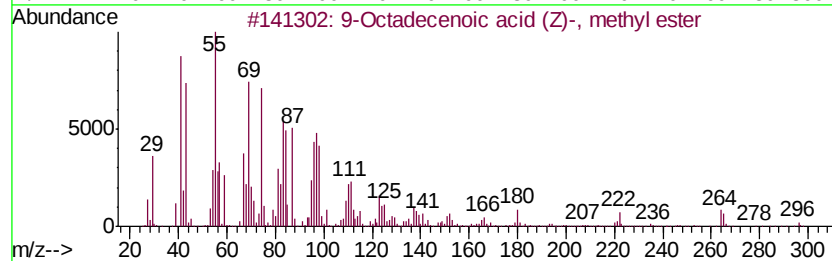
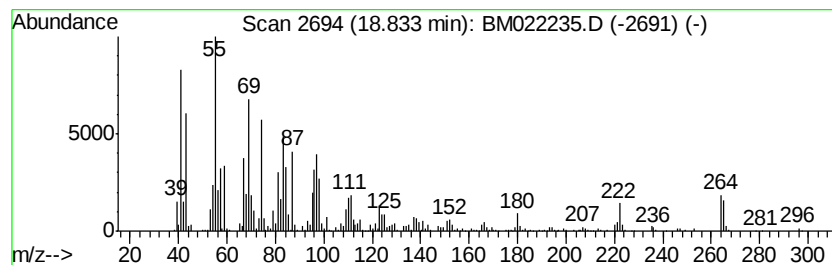
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Peak Number 6 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

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18.83	103.07 ng	2645740	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	98
4		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	97
5		6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	96



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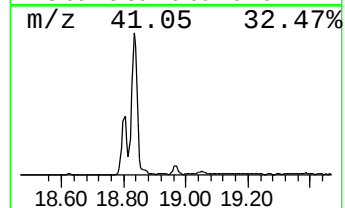
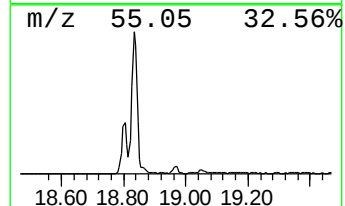
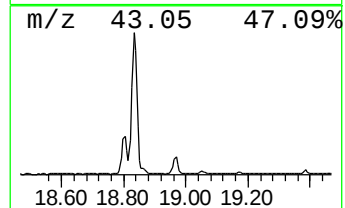
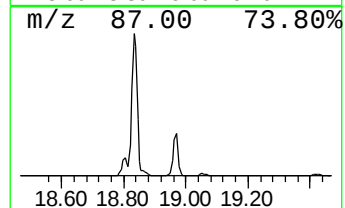
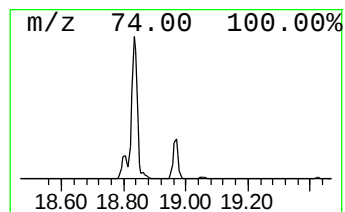
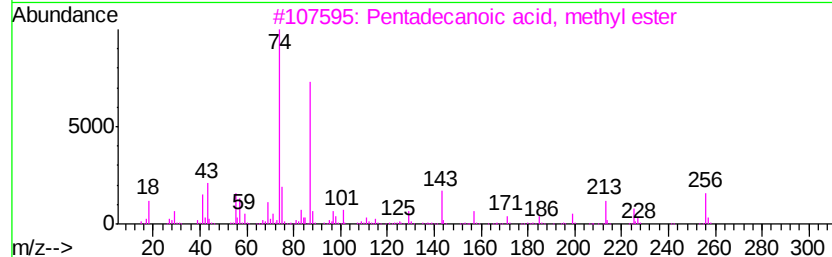
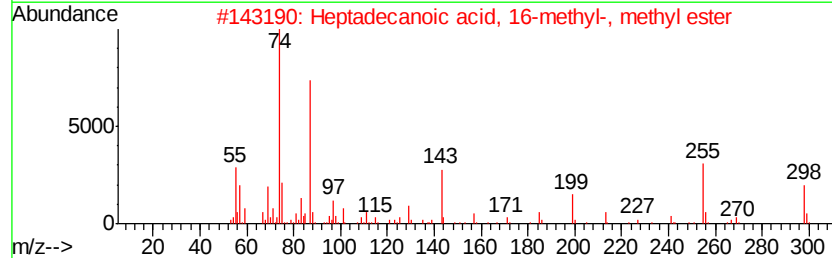
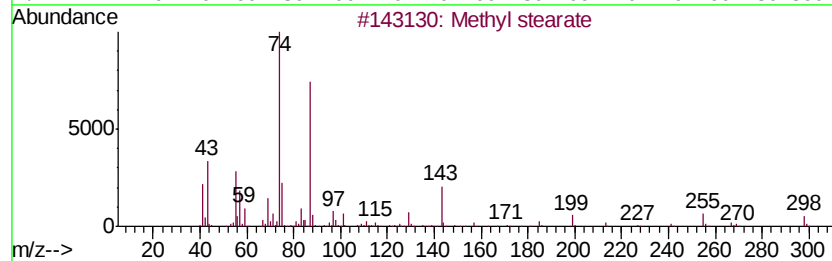
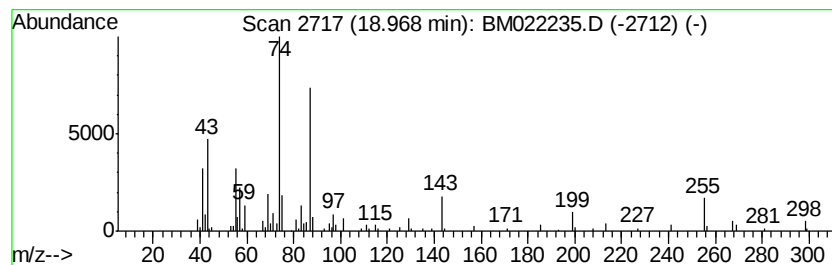
Instrument :
BNA_M
ClientSampleId :
SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.97	6.50 ng	166925	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	97
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	89
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	81
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082119\
Data File : BM022235.D
Acq On : 21 Aug 2019 18:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-081919

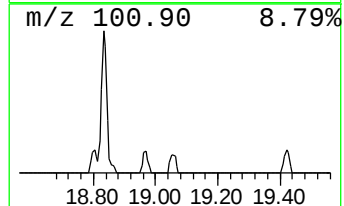
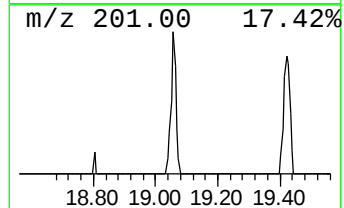
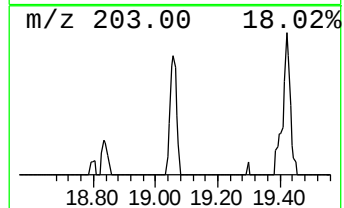
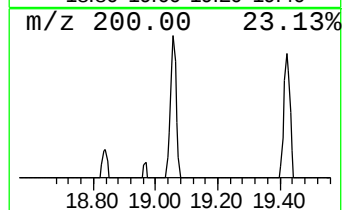
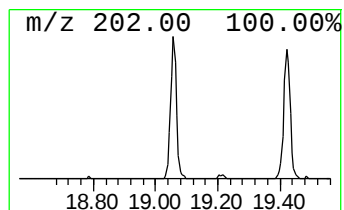
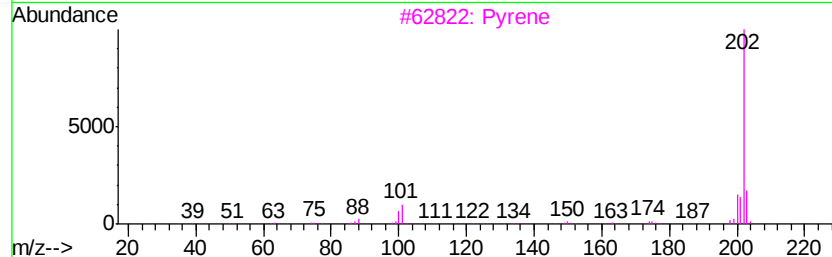
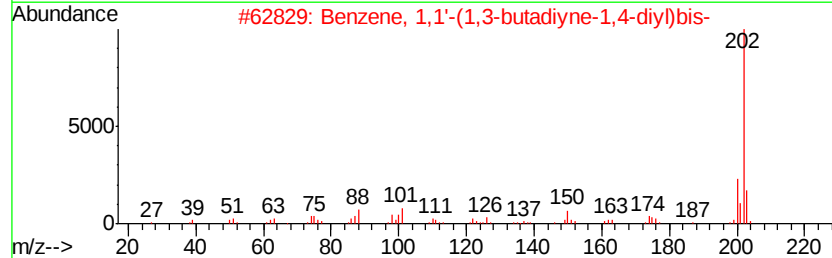
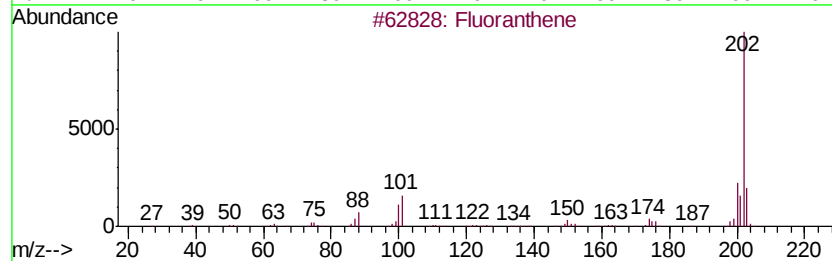
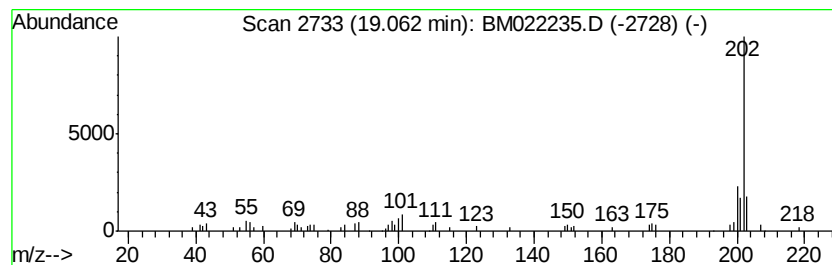
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	3.93 ng	100928	Phenanthrene-d10	16.99

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluoranthene	202	C16H10	000206-44-0	81
2		Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	76
3		Pvrene	202	C16H10	000129-00-0	72
4		4,5-Dihydronaphtho(2,1-d)thiazol...	202	C11H10N2S	034176-49-3	53
5		1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	39



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082119\
Data File : BM022235.D
Acq On : 21 Aug 2019 18:48
Operator : HP/JU
Sample : K4095-09 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-081919

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.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
1,3,5-Cycloheptat...	3.83	5.8	ng	79865	1	7.56	277807	20.0
unknown7.10	7.10	6.3	ng	86949	1	7.56	277807	20.0
Hexadecanoic acid...	17.65	17.1	ng	438868	4	16.99	513395	20.0
Methyl 9-cis,11-t...	18.80	45.7	ng	1173570	4	16.99	513395	20.0
9-Octadecenoic ac...	18.83	103.1	ng	2645740	4	16.99	513395	20.0
Methyl stearate	18.97	6.5	ng	166925	4	16.99	513395	20.0
Benzene, 1,1'-(1,...	19.06	3.9	ng	100928	4	16.99	513395	20.0