

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
 Data File : BF108197.D
 Acq On : 16 Aug 2018 16:15
 Operator : JU/SJ
 Sample : J4269-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-081518-A

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_F\METHODS\8270-BF080818.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	3.655	221	224	234	rBV	40624	78443	1.84%	0.190%
2	5.260	493	497	503	rBV	177320	206565	4.85%	0.502%
3	5.643	557	562	565	rBV	3798910	3654560	85.75%	8.875%
4	6.637	725	731	734	rBV	3849993	3902725	91.58%	9.477%
5	6.784	751	756	760	rBV	4003006	3905747	91.65%	9.485%
6	7.013	791	795	799	rVB	1332829	1084369	25.44%	2.633%
7	7.172	818	822	825	rBV	3373058	2825829	66.31%	6.862%
8	7.578	886	891	894	rBV	2666165	2561145	60.10%	6.220%
9	8.295	1009	1013	1017	rBV	1469789	1346805	31.60%	3.271%
10	9.372	1188	1196	1199	rBV	4934204	4261723	100.00%	10.349%
11	9.760	1258	1262	1267	rBV	458431	366988	8.61%	0.891%
12	10.060	1309	1313	1317	rBV	1751561	1521418	35.70%	3.695%
13	10.854	1443	1448	1456	rBV	2725240	2629681	61.70%	6.386%
14	11.554	1563	1567	1570	rBV	1632849	1381060	32.41%	3.354%
15	11.925	1627	1630	1633	rVB	670322	516422	12.12%	1.254%
16	12.060	1649	1653	1656	rBV	190515	183602	4.31%	0.446%
17	12.619	1744	1748	1749	rBV	1301604	1238119	29.05%	3.007%
18	12.636	1749	1751	1758	rVV	2541212	2327122	54.61%	5.651%
19	12.719	1762	1765	1769	rVB	446578	376103	8.83%	0.913%
20	12.772	1771	1774	1778	rBV	147643	128799	3.02%	0.313%
21	13.007	1808	1814	1819	rBV	144239	170561	4.00%	0.414%
22	13.142	1832	1837	1840	rBV	3693727	3193172	74.93%	7.754%
23	14.030	1984	1988	1995	rBV3	209658	309503	7.26%	0.752%
24	14.207	2014	2018	2021	rBV	1309470	1274892	29.91%	3.096%
25	14.236	2021	2023	2029	rVB	91645	92982	2.18%	0.226%
26	14.671	2095	2097	2104	rVB3	50478	83857	1.97%	0.204%
27	15.301	2200	2204	2207	rBV	78371	121349	2.85%	0.295%
28	15.630	2257	2260	2266	rVB	58387	79826	1.87%	0.194%
29	15.701	2269	2272	2277	rVB	81004	107779	2.53%	0.262%
30	15.771	2279	2284	2289	rBV	904017	1247805	29.28%	3.030%

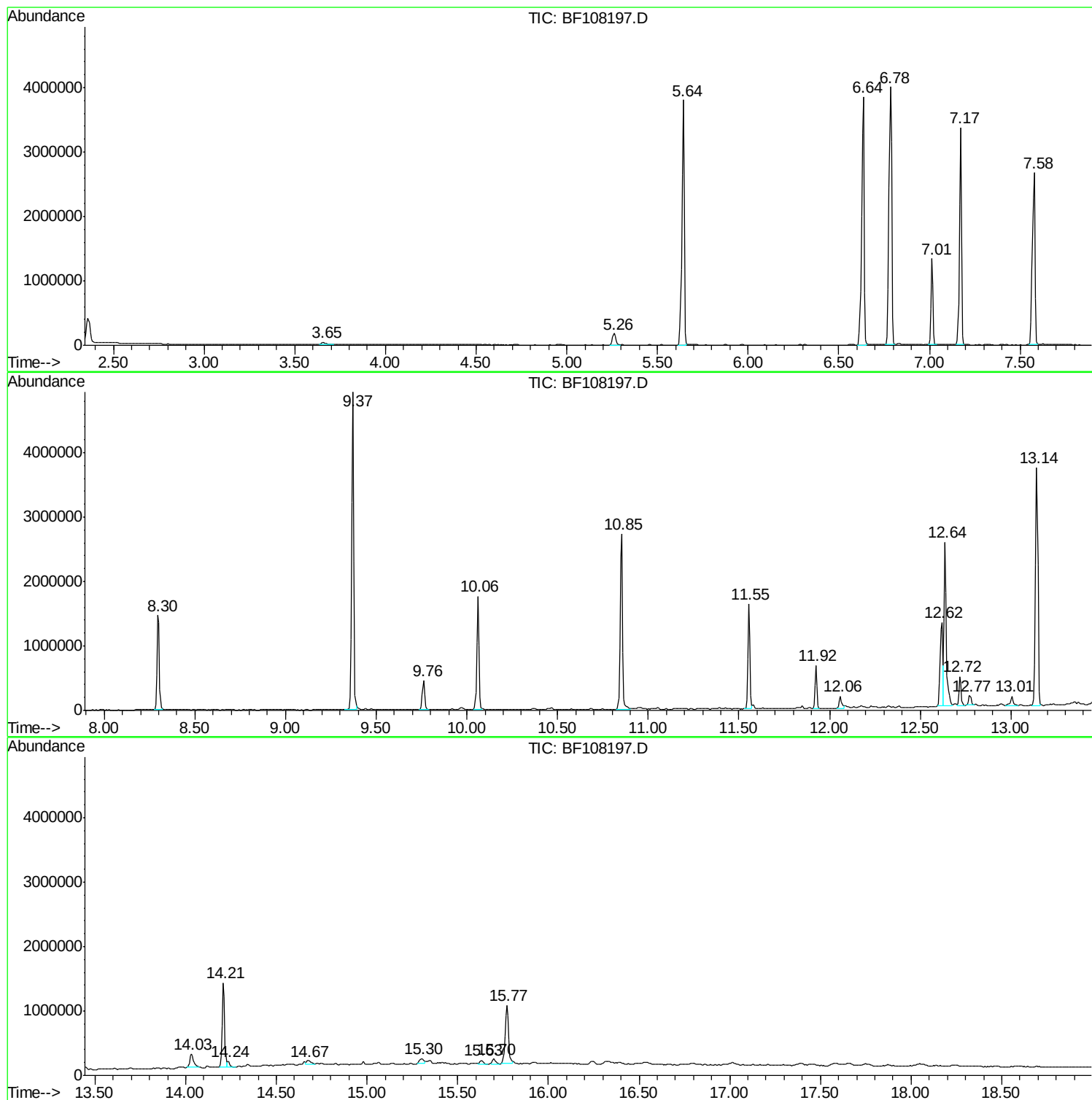
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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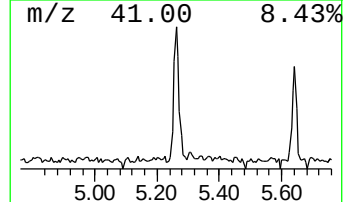
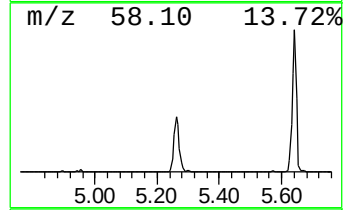
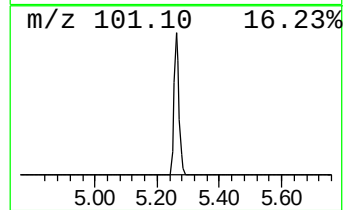
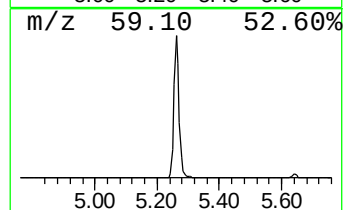
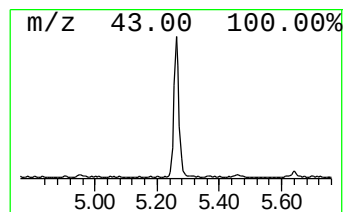
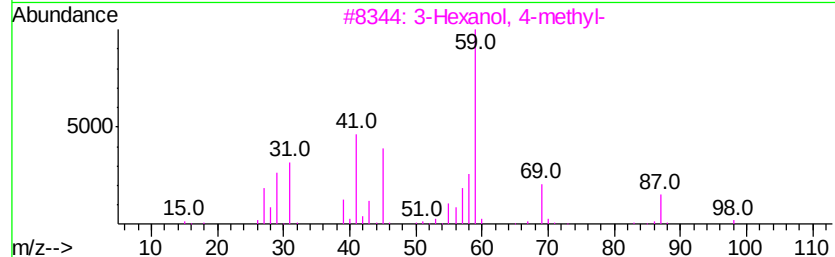
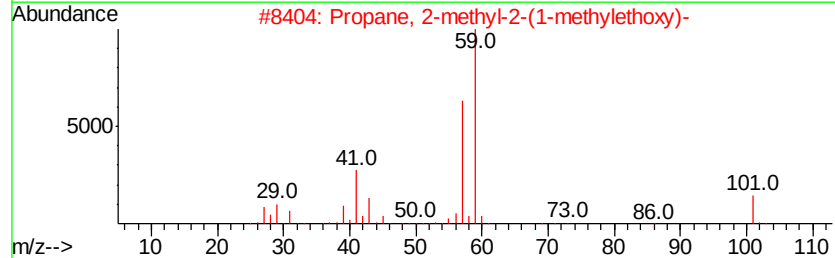
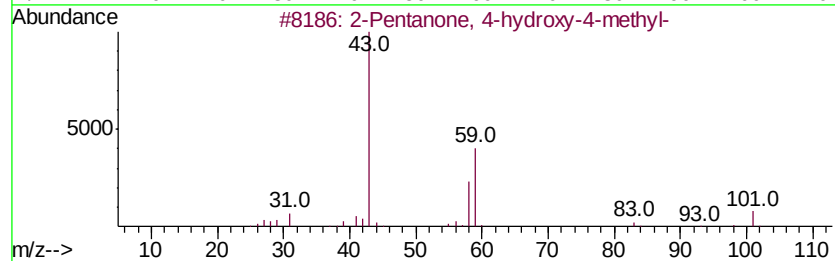
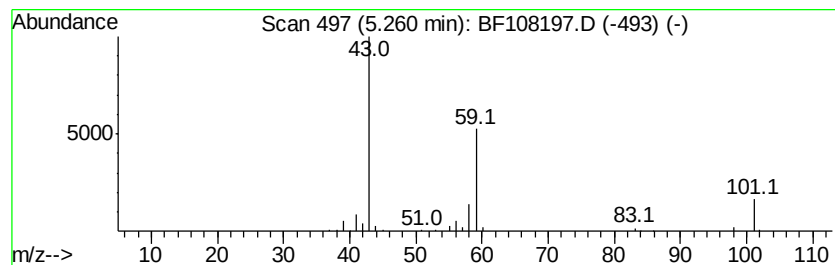
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.26	3.81 ng	206565	1,4-Dichlorobenzene-d4	7.01	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28



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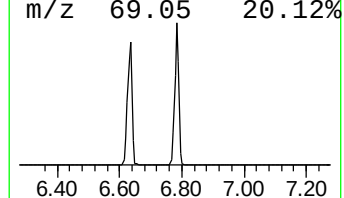
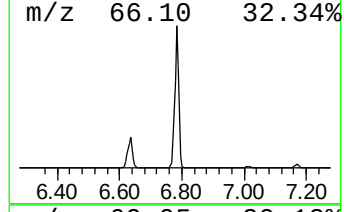
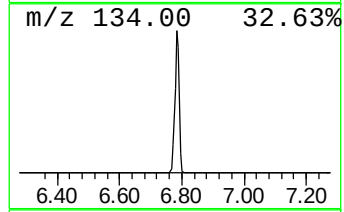
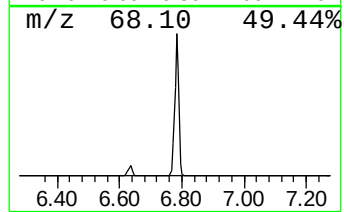
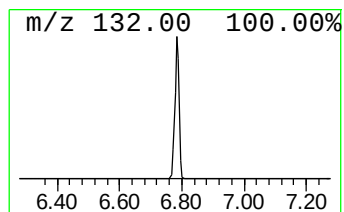
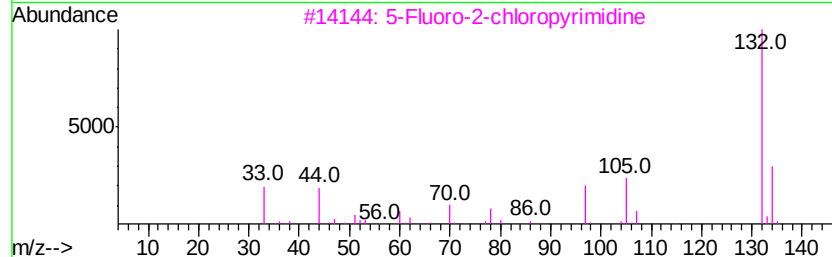
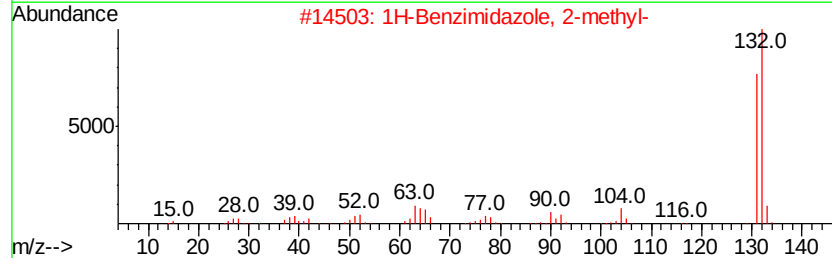
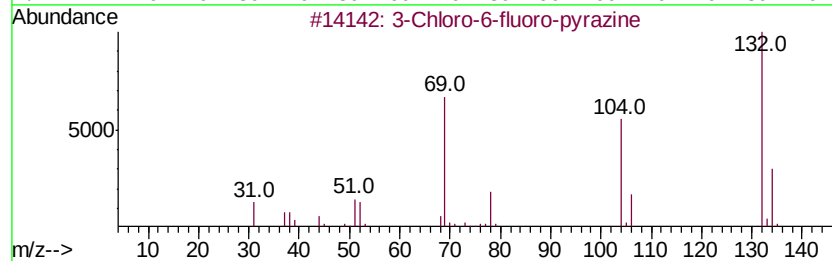
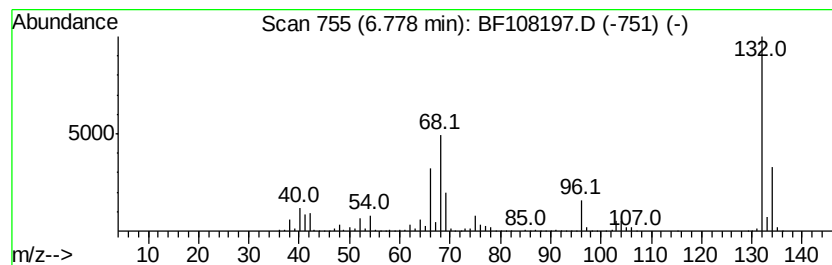
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Peak Number 2 unknown6.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	72.04 ng	3905750	1,4-Dichlorobenzene-d4	7.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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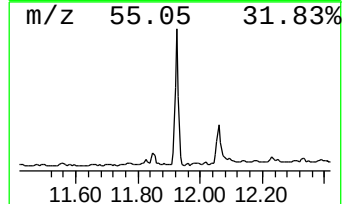
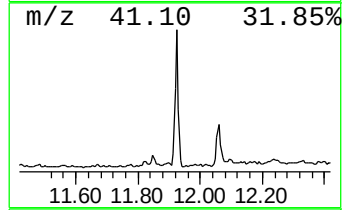
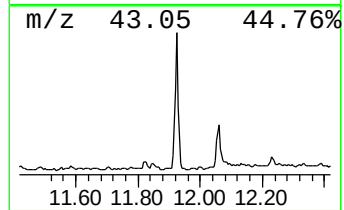
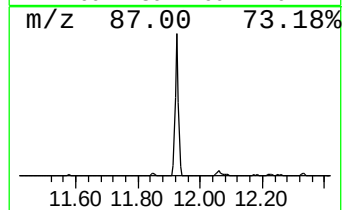
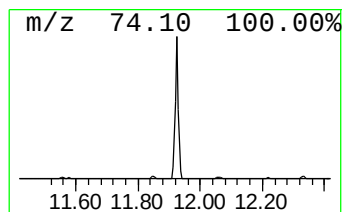
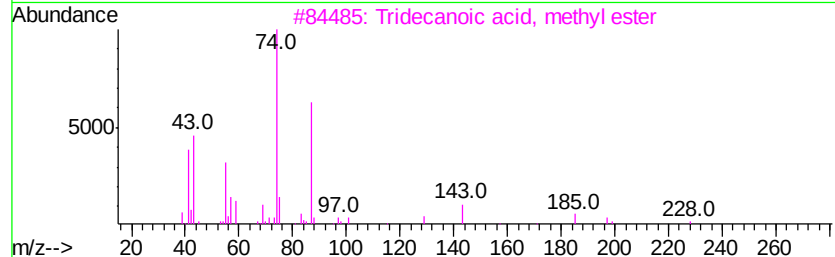
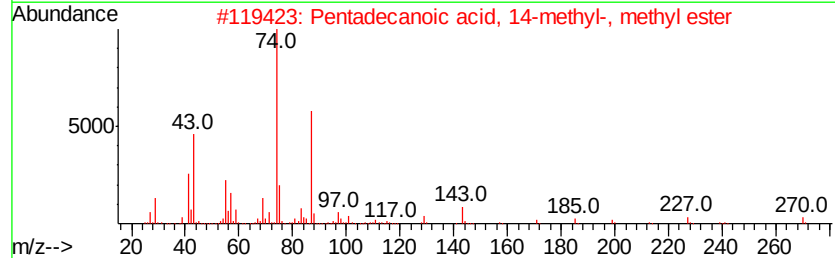
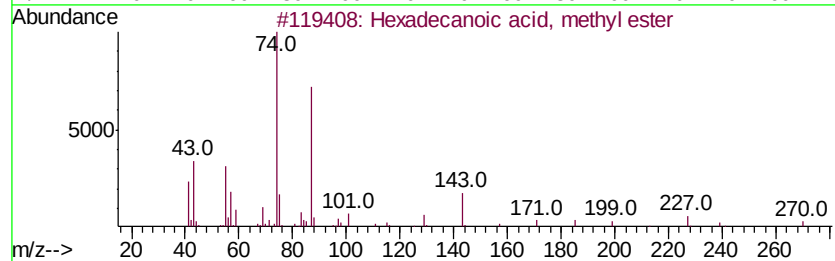
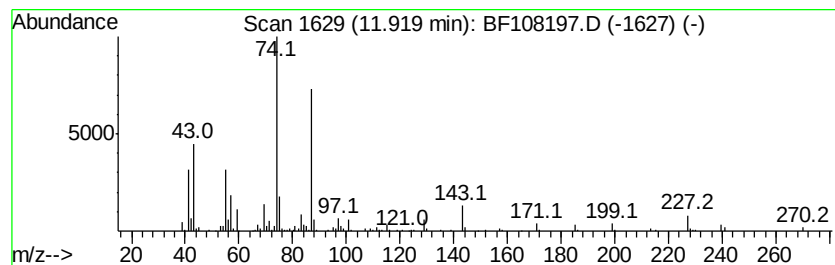
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Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.92	7.48 ng	516422	Phenanthrene-d10		11.55
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	89
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



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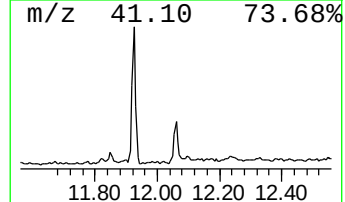
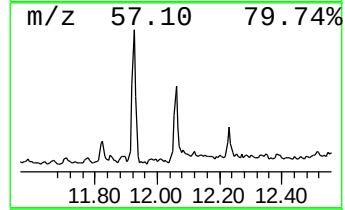
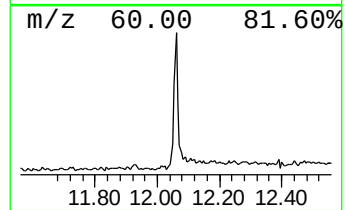
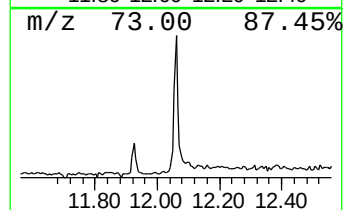
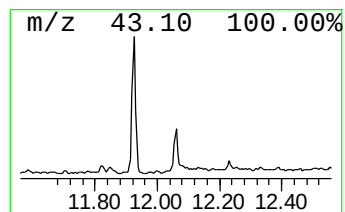
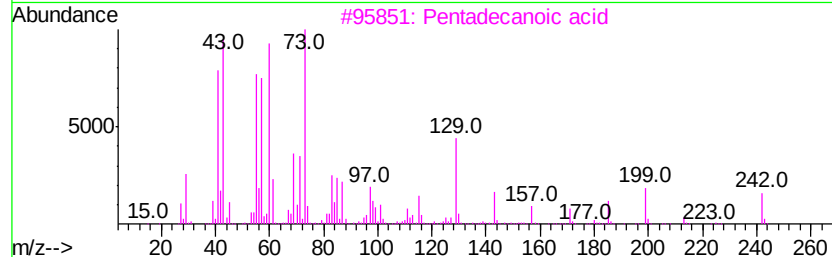
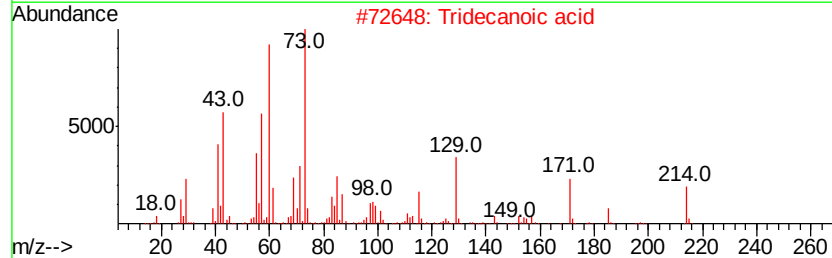
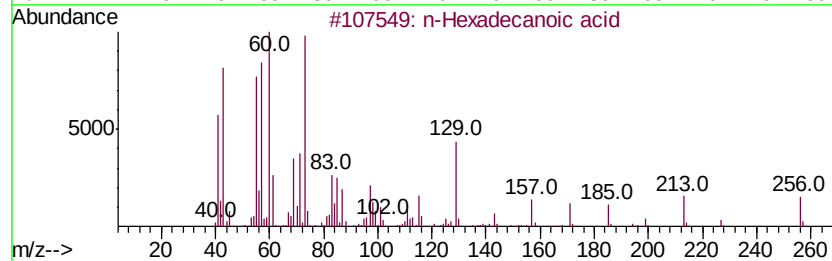
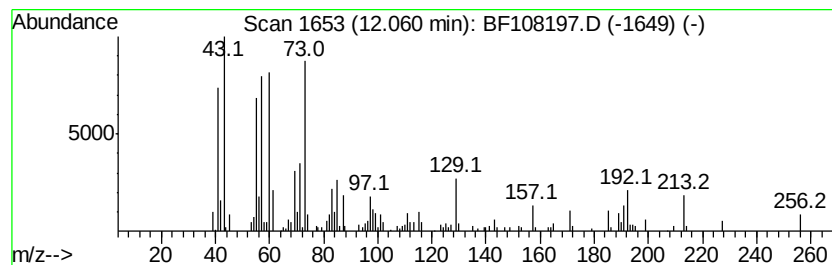
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Peak Number 5 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	2.66 ng	183602	Phenanthrene-d10	11.55

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	76
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5		Dodecanoic acid	200	C12H24O2	000143-07-7	53



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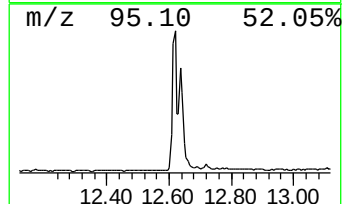
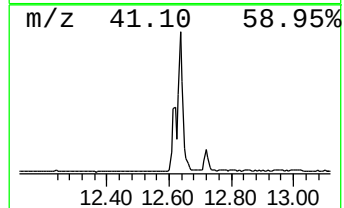
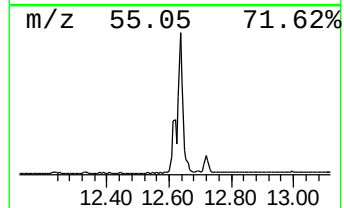
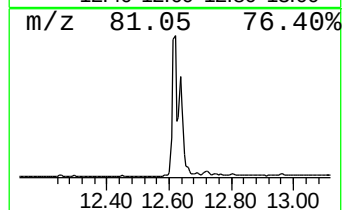
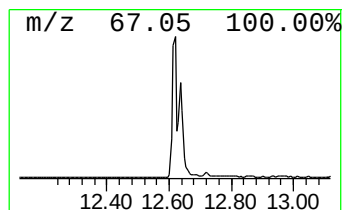
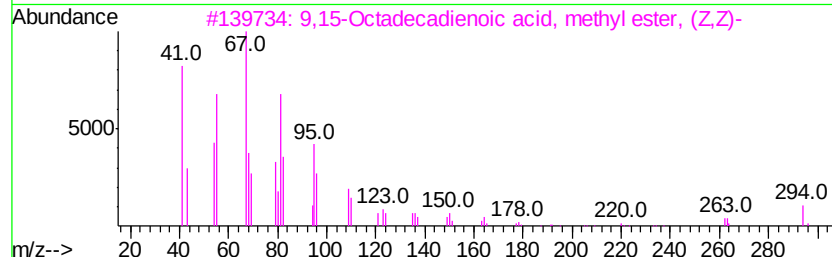
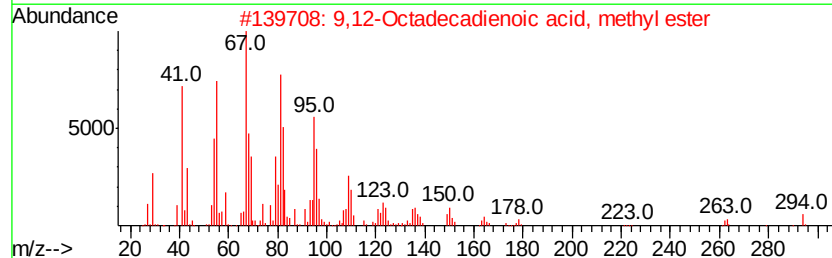
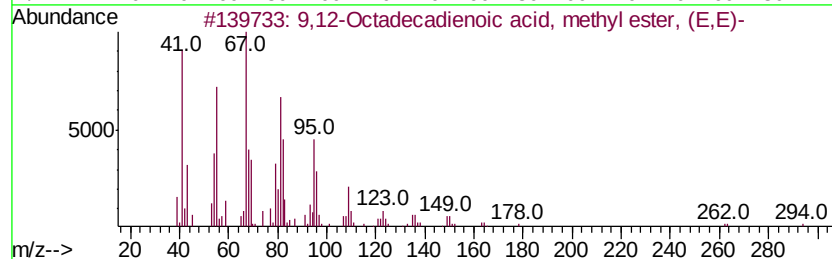
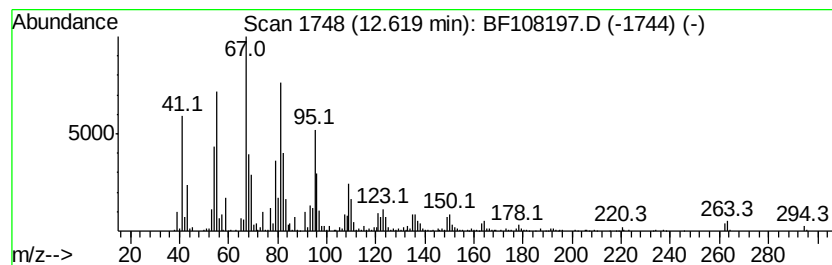
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Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.62	17.93 ng	1238120	Phenanthrene-d10	11.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	98
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	96
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	96



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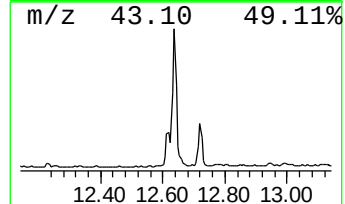
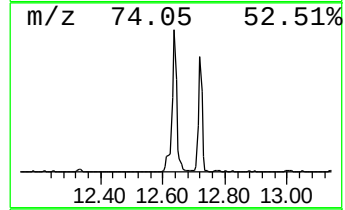
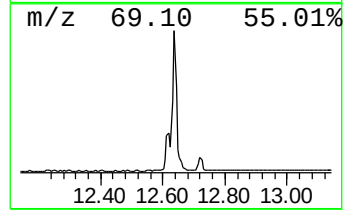
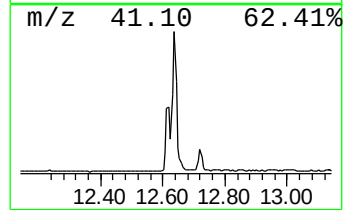
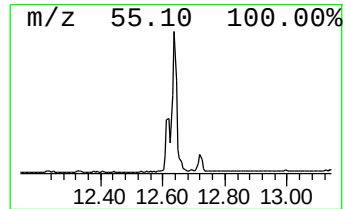
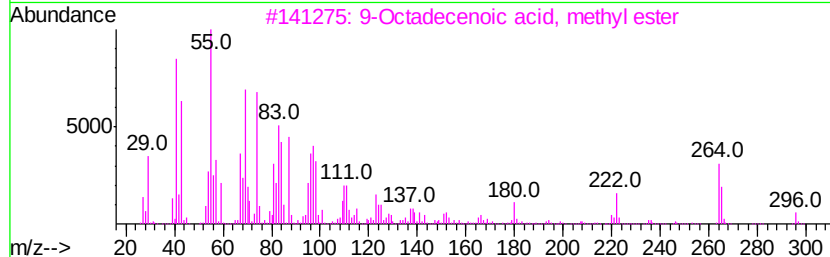
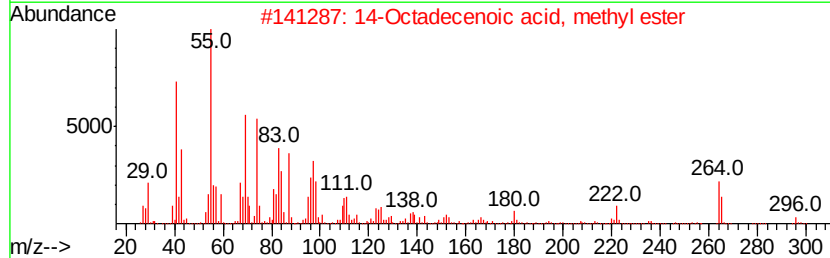
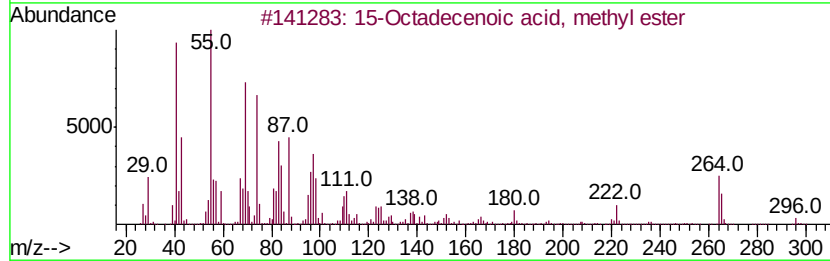
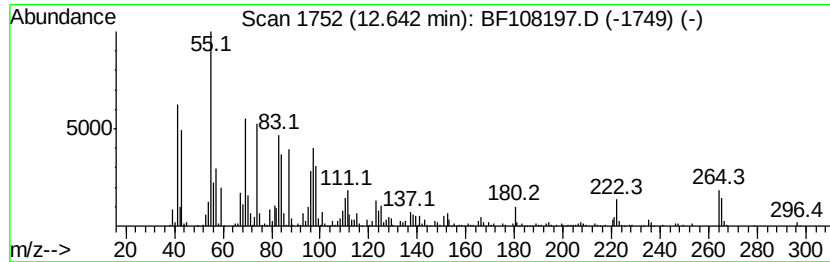
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 15-Octadecenoic acid, methyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	33.70 ng	2327120	Phenanthrene-d10	11.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	98
3		9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	98
4		16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	97
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108197.D
Acq On : 16 Aug 2018 16:15
Operator : JU/SJ
Sample : J4269-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-081518-A

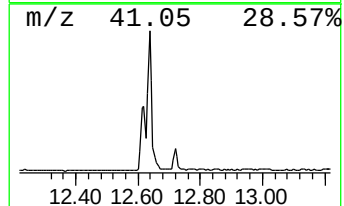
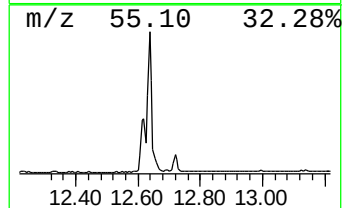
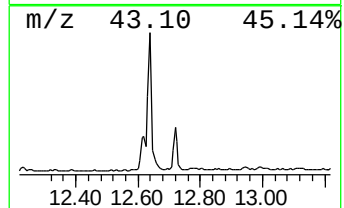
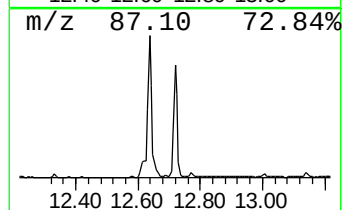
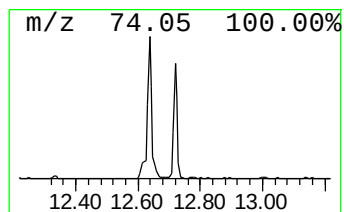
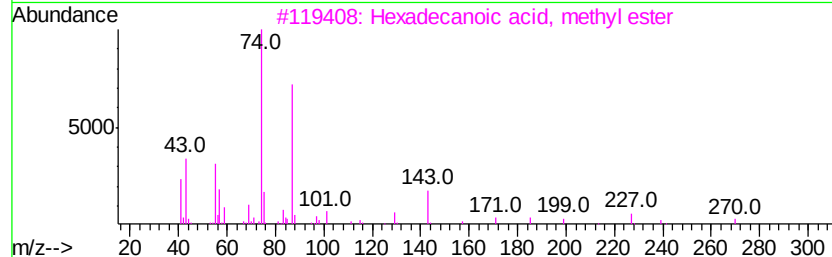
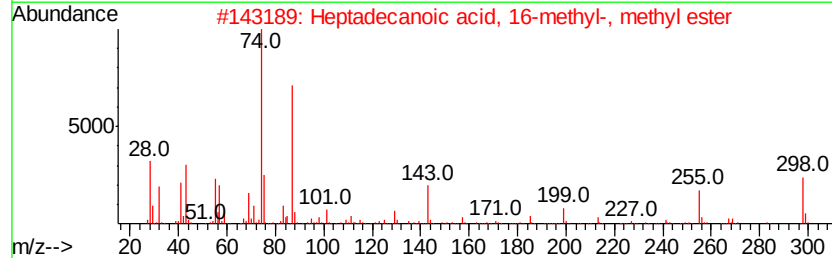
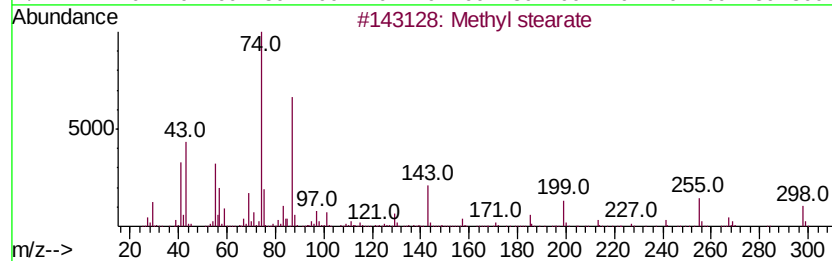
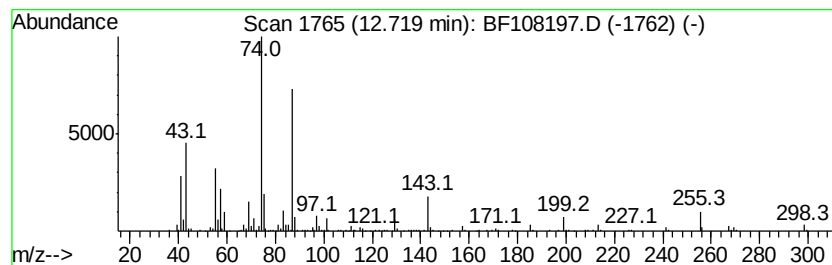
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.45 ng	376103	Phenanthrene-d10	11.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl stearate	298	C19H38O2	000112-61-8	98
2		Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	93
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
5		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081618\
Data File : BF108197.D
Acq On : 16 Aug 2018 16:15
Operator : JU/SJ
Sample : J4269-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-081518-A

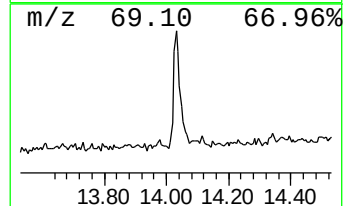
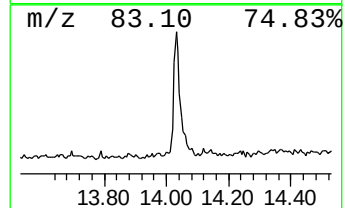
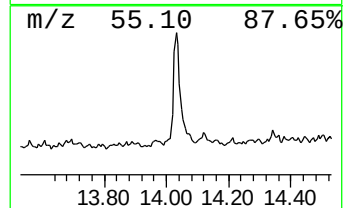
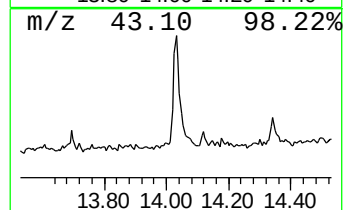
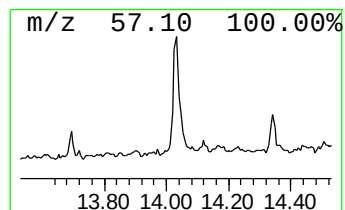
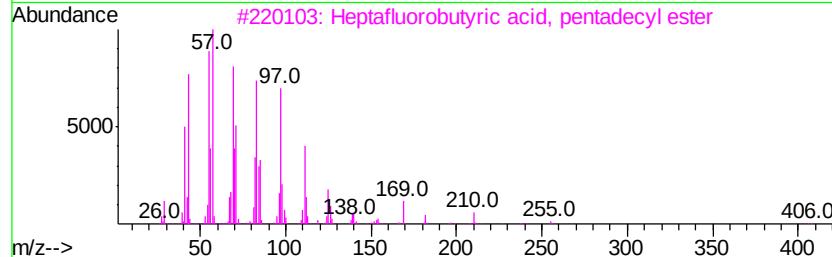
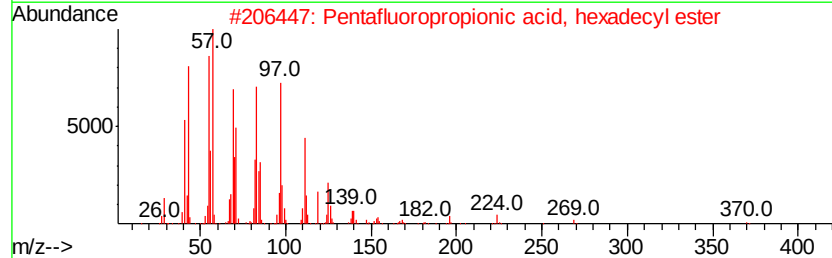
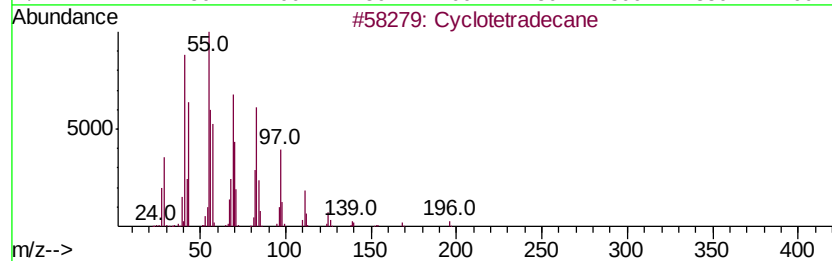
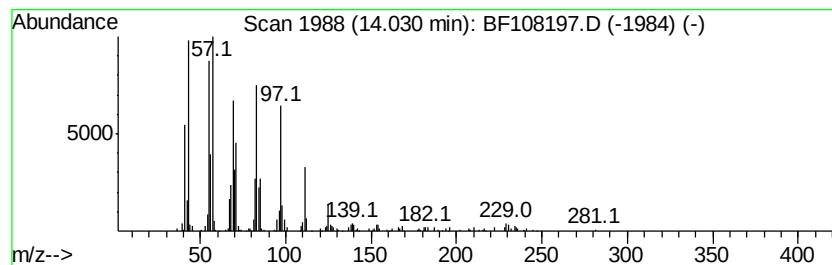
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Cyclotetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	4.86 ng	309503	Chrysene-d12	14.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	95
2		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
3		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4		1-Heptacosanol	396	C27H56O	002004-39-9	91
5		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081618\
Data File : BF108197.D
Acq On : 16 Aug 2018 16:15
Operator : JU/SJ
Sample : J4269-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AU-06-081518-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.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...	5.26	3.8 ng		206565	1	7.01	1084370	20.0
unknown6.78	6.78	72.0 ng		3905750	1	7.01	1084370	20.0
Hexadecanoic acid...	11.92	7.5 ng		516422	4	11.55	1381060	20.0
n-Hexadecanoic acid	12.06	2.7 ng		183602	4	11.55	1381060	20.0
9,12-Octadecadien...	12.62	17.9 ng		1238120	4	11.55	1381060	20.0
15-Octadecenoic a...	12.64	33.7 ng		2327120	4	11.55	1381060	20.0
Methyl stearate	12.72	5.5 ng		376103	4	11.55	1381060	20.0
Cyclotetradecane	14.03	4.9 ng		309503	5	14.21	1274890	20.0