

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080919\
 Data File : BF116125.D
 Acq On : 9 Aug 2019 21:06
 Operator : HP/JU
 Sample : K4092-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-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-BF073019.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	3.893	301	307	323	rBV	322356	510675	10.28%	2.305%
2	5.469	572	575	600	rBV	195490	367967	7.41%	1.661%
3	6.475	743	746	758	rBV	207504	390093	7.86%	1.761%
4	6.616	766	770	779	rBV	388302	434681	8.75%	1.962%
5	6.839	804	808	826	rVB	656657	674495	13.58%	3.044%
6	6.992	831	834	847	rBV	352254	379864	7.65%	1.714%
7	7.404	901	904	916	rBV	141248	246690	4.97%	1.113%
8	8.116	1022	1025	1045	rBV	804822	884433	17.81%	3.991%
9	9.192	1204	1208	1213	rBV	495766	548166	11.04%	2.474%
10	9.592	1271	1276	1278	rBV2	54259	57611	1.16%	0.260%
11	9.869	1320	1323	1331	rBV	1108570	1008263	20.30%	4.550%
12	10.298	1393	1396	1399	rVB	93897	72602	1.46%	0.328%
13	10.516	1429	1433	1439	rVB	50501	73478	1.48%	0.332%
14	10.663	1455	1458	1469	rBV	215411	273140	5.50%	1.233%
15	10.769	1473	1476	1485	rVB	129235	181066	3.65%	0.817%
16	11.216	1549	1552	1555	rBV	131145	112324	2.26%	0.507%
17	11.245	1555	1557	1563	rVB2	72272	88885	1.79%	0.401%
18	11.357	1573	1576	1587	rBV	1006933	1068445	21.52%	4.822%
19	11.639	1622	1624	1627	rBV	109266	106078	2.14%	0.479%
20	11.745	1638	1642	1645	rBV	1315107	1218044	24.53%	5.497%
21	11.886	1660	1666	1673	rBV2	170694	287163	5.78%	1.296%
22	12.051	1690	1694	1699	rVB	100893	103102	2.08%	0.465%
23	12.433	1752	1759	1760	rBV	3375084	3611753	72.73%	16.300%
24	12.457	1760	1763	1768	rVB	4680339	4965802	100.00%	22.411%
25	12.533	1773	1776	1780	rVB	982196	771480	15.54%	3.482%
26	12.574	1780	1783	1784	rBV	176004	163578	3.29%	0.738%
27	12.668	1796	1799	1807	rBV2	183226	237535	4.78%	1.072%
28	12.804	1819	1822	1829	rVB2	212963	258896	5.21%	1.168%
29	12.939	1841	1845	1849	rBV	488242	485972	9.79%	2.193%
30	13.180	1881	1886	1888	rBV2	139407	180056	3.63%	0.813%
31	13.257	1897	1899	1903	rVB	121555	94674	1.91%	0.427%
32	13.363	1915	1917	1924	rVB4	58027	70343	1.42%	0.317%
33	13.504	1938	1941	1944	rBV	68766	58836	1.18%	0.266%
34	13.680	1968	1971	1979	rVB5	45286	81222	1.64%	0.367%

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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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.857	1999	2001	2008	rVB5	39464	66937	1.35%	0.302%
36	13.921	2009	2012	2019	rBV	104150	124934	2.52%	0.564%
37	13.998	2021	2025	2029	rBV	811360	866206	17.44%	3.909%
38	14.145	2048	2050	2053	rBV	49842	49702	1.00%	0.224%
39	14.451	2100	2102	2106	rBV2	68619	67188	1.35%	0.303%
40	15.468	2270	2275	2283	rVB	655622	915626	18.44%	4.132%

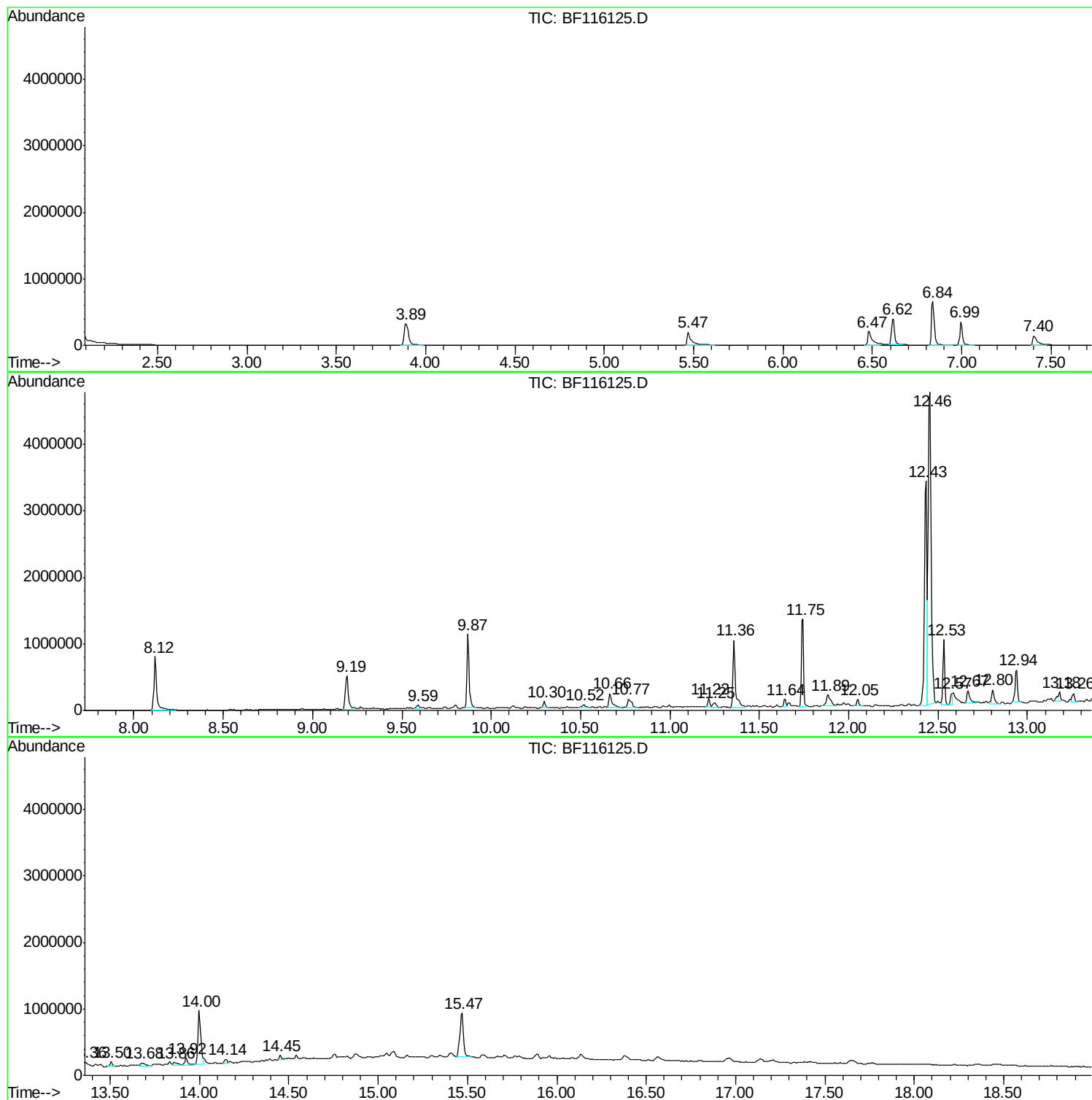
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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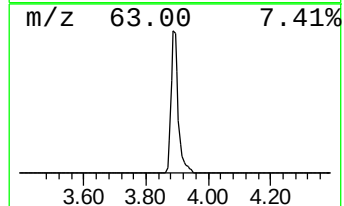
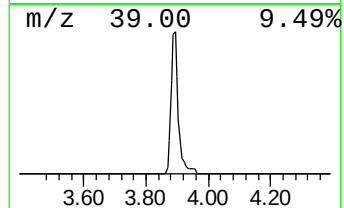
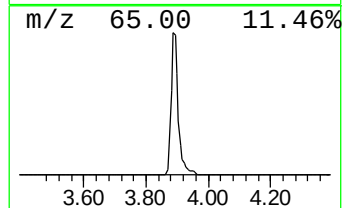
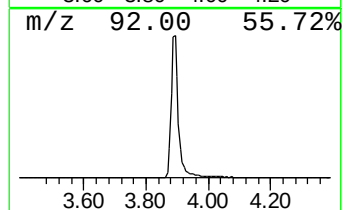
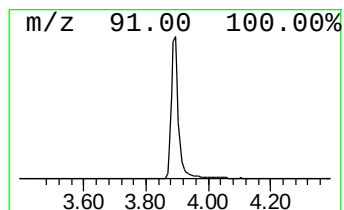
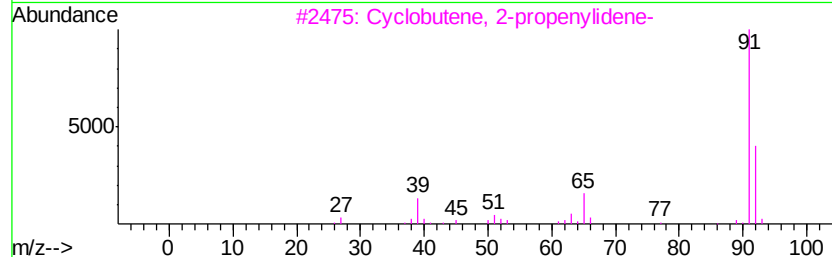
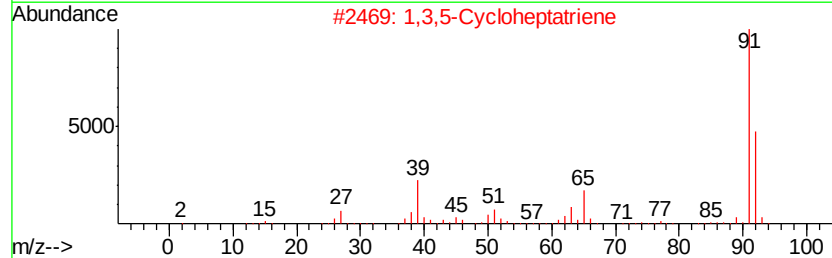
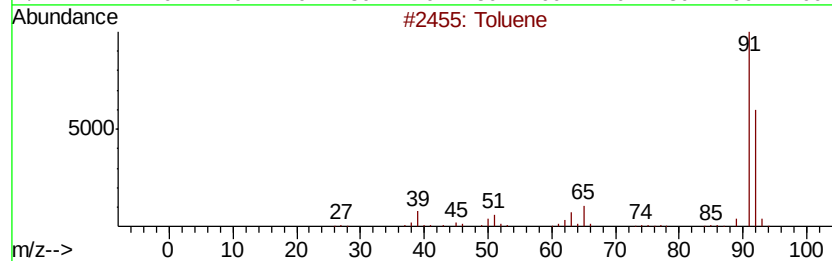
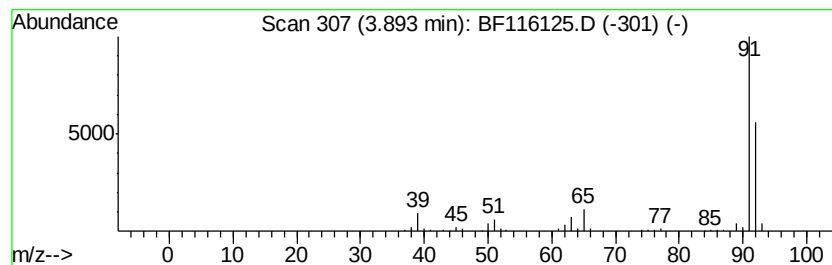
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	15.14 ng	510675	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Toluene	92	C7H8	000108-88-3	95
2			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	78
4			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	74
5			2,5-Norbornadiene	92	C7H8	000121-46-0	64



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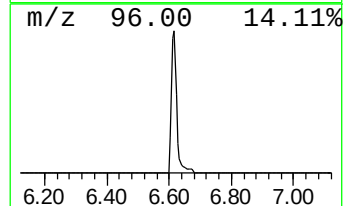
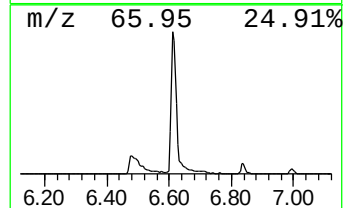
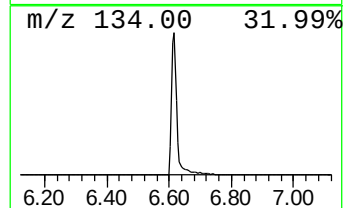
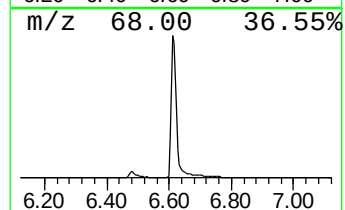
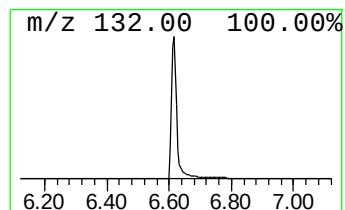
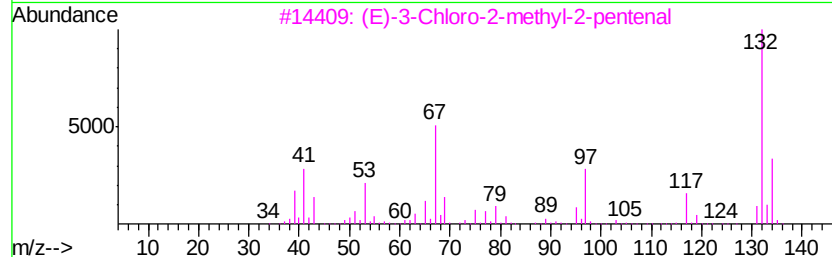
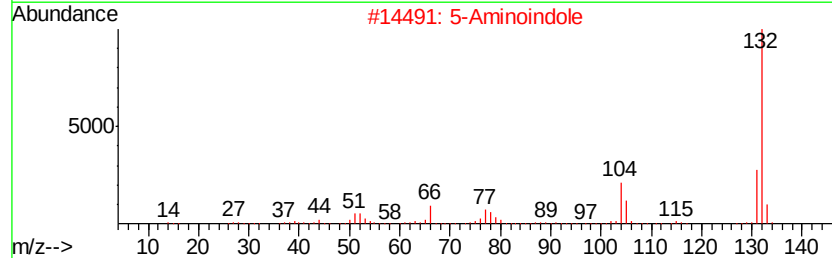
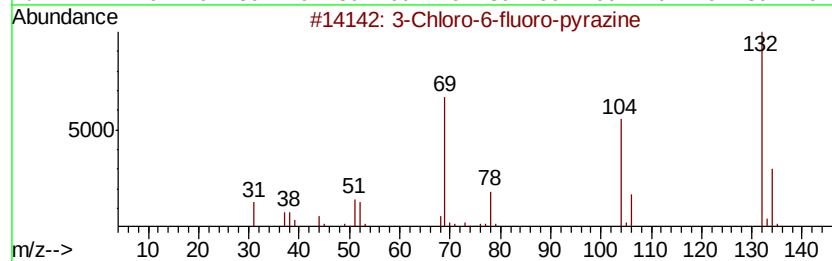
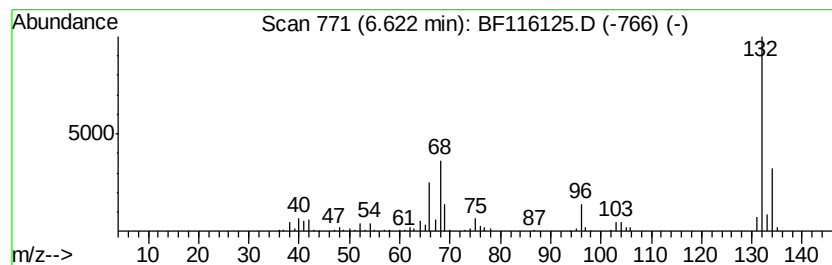
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	12.89 ng	434681	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	22
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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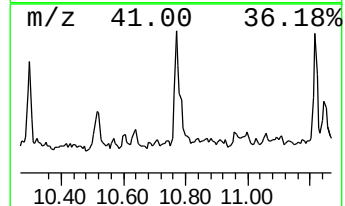
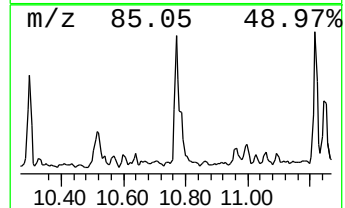
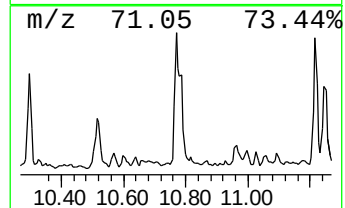
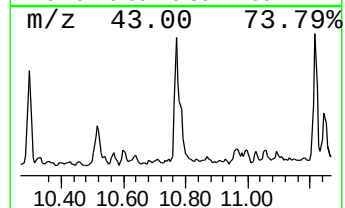
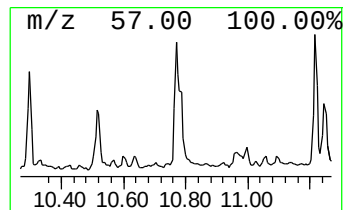
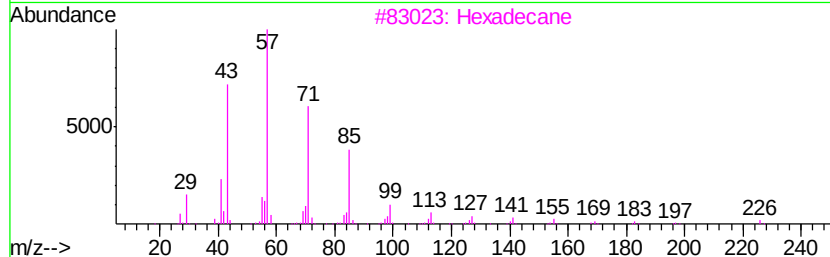
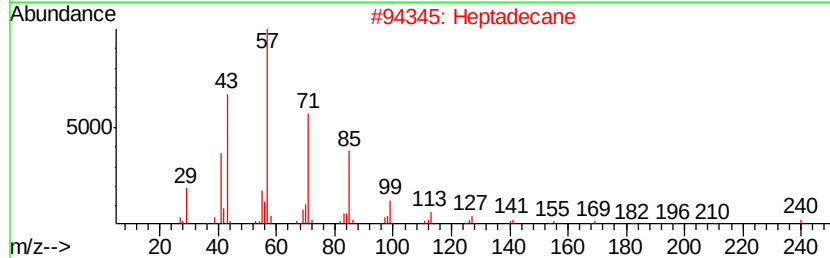
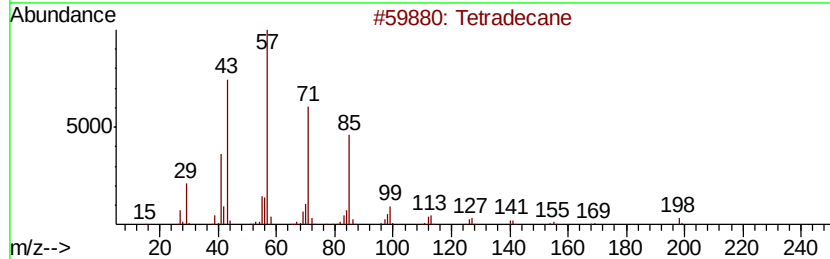
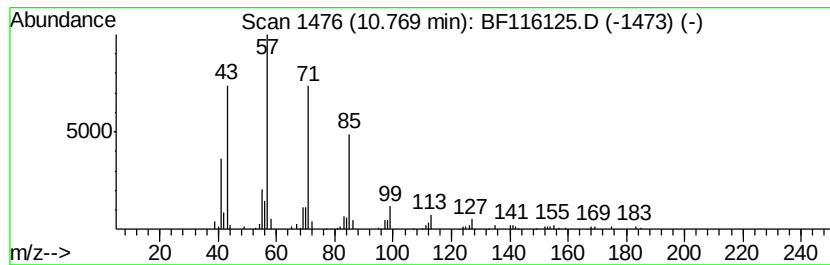
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.39 ng	181066	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Pentadecane	212	C15H32	000629-62-9	87



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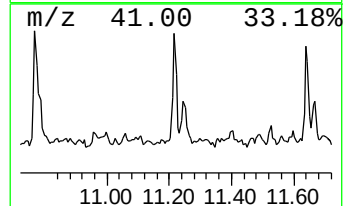
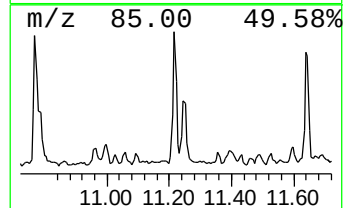
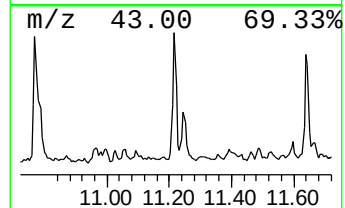
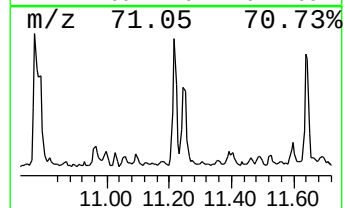
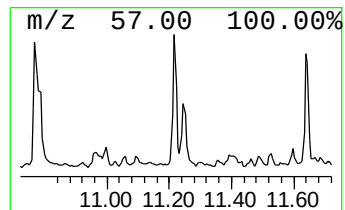
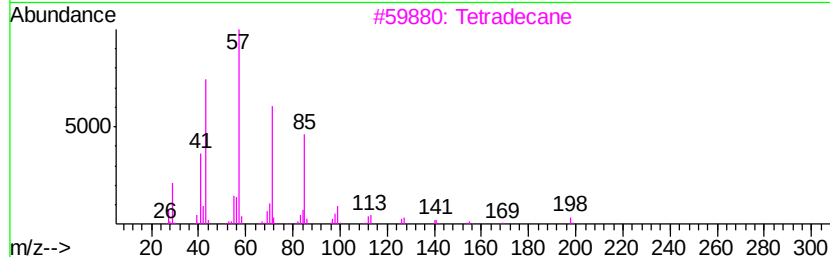
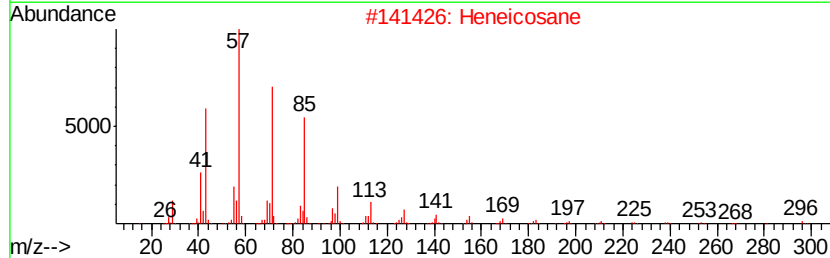
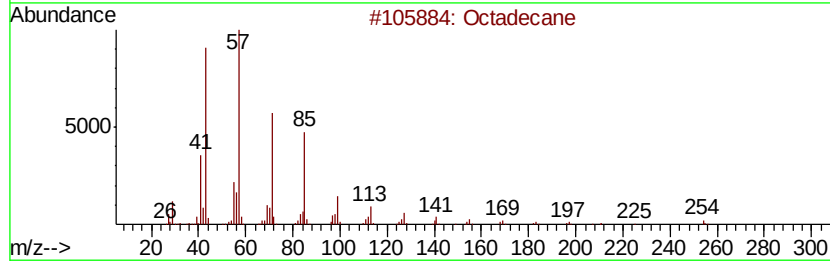
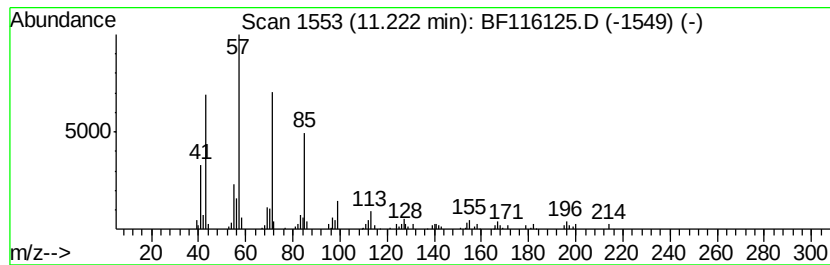
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.22	2.10 ng	112324	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Hexadecane	226	C16H34	000544-76-3	90



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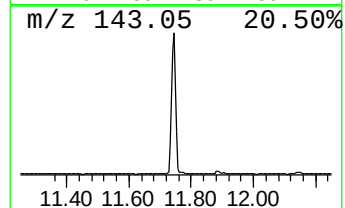
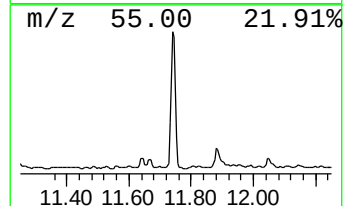
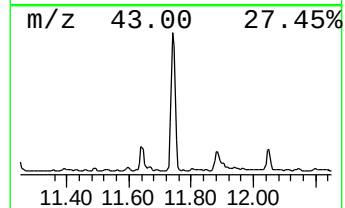
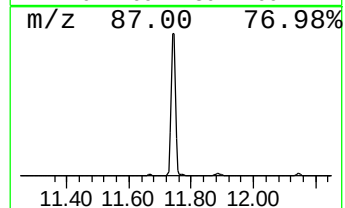
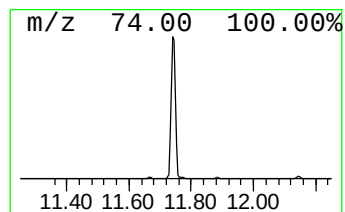
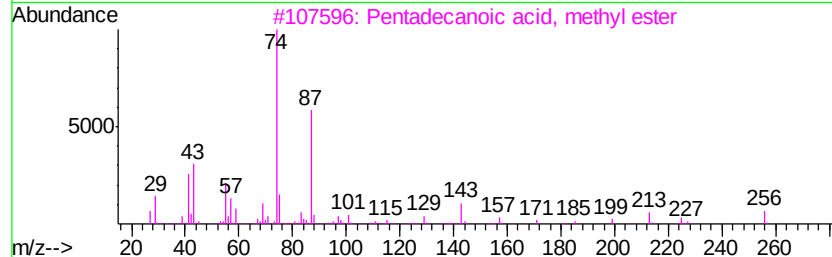
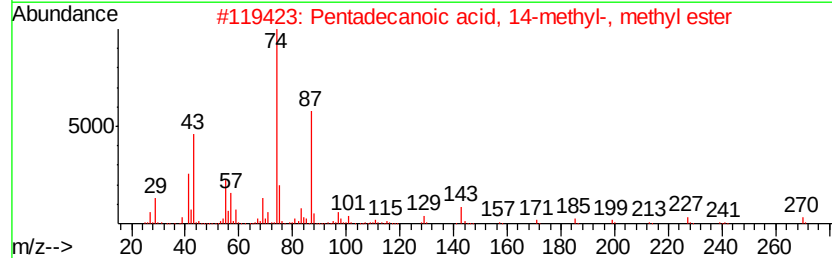
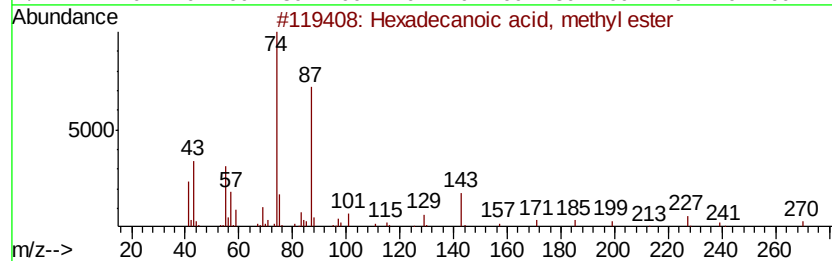
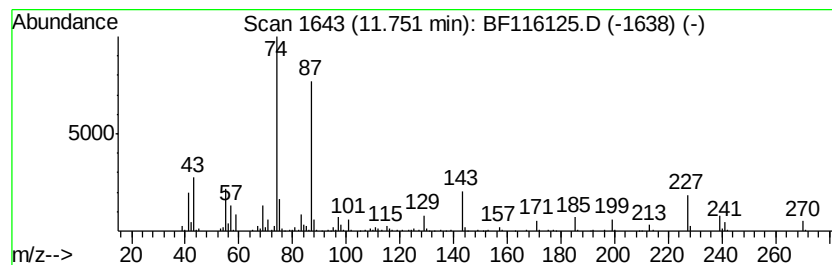
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	22.80 ng	1218040	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	80
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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Acq On : 9 Aug 2019 21:06
Operator : HP/JU
Sample : K4092-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

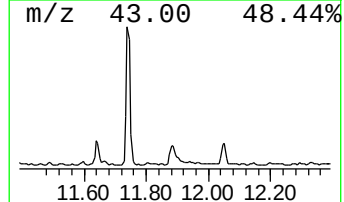
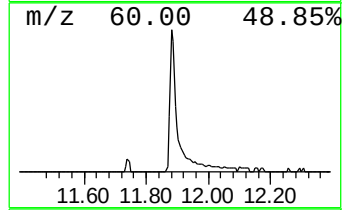
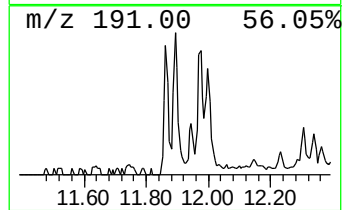
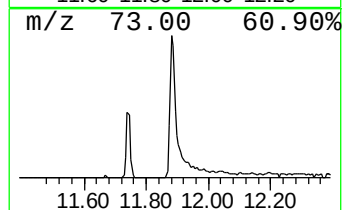
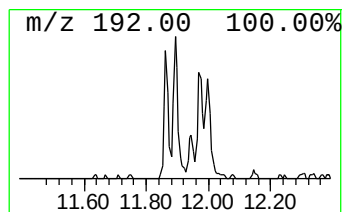
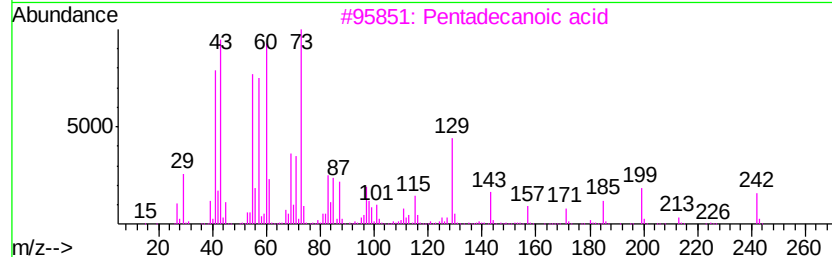
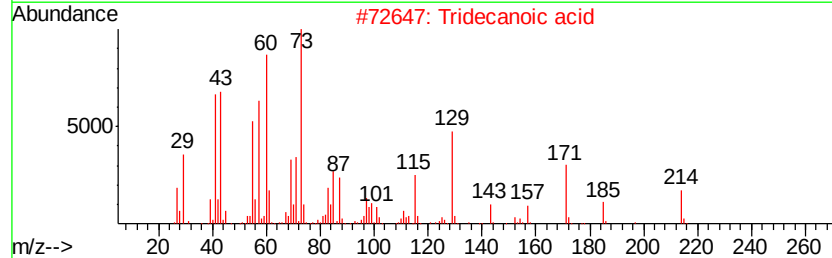
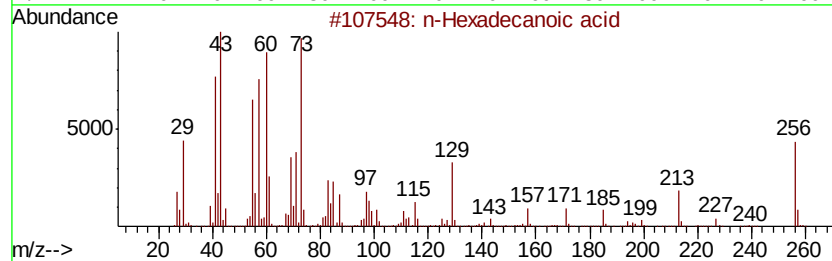
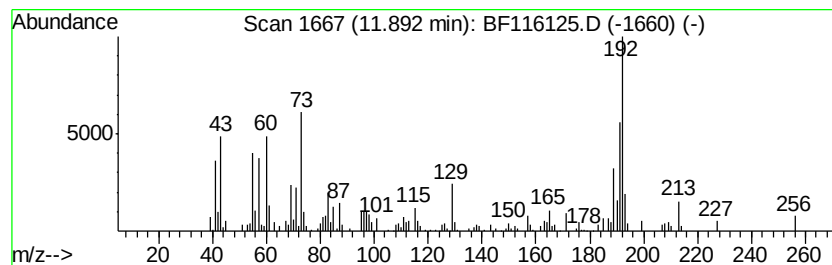
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ClientSampleId :
EO-01-080719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.89	5.38 ng	287163	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116125.D
Acq On : 9 Aug 2019 21:06
Operator : HP/JU
Sample : K4092-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EO-01-080719-A

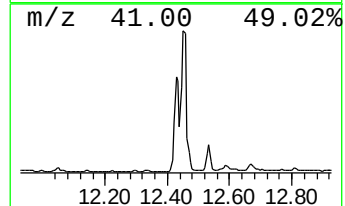
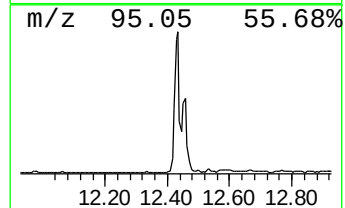
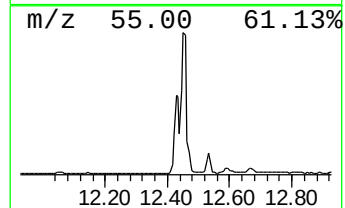
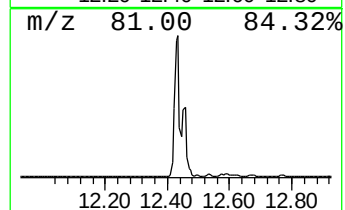
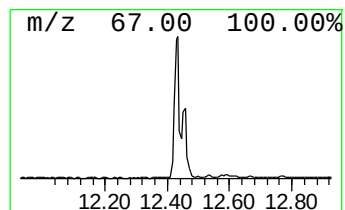
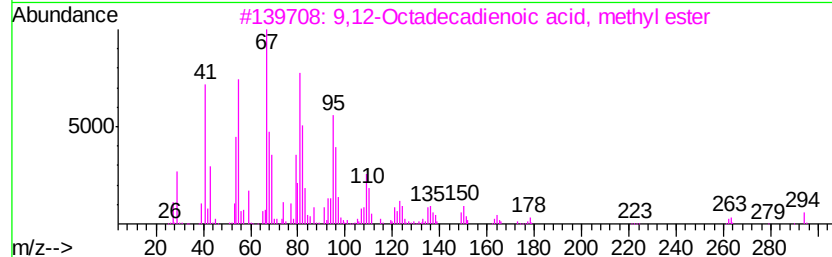
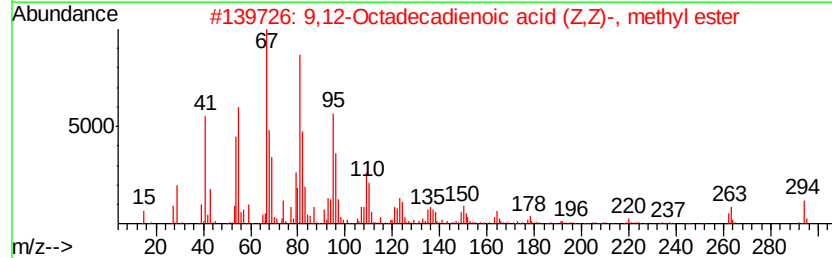
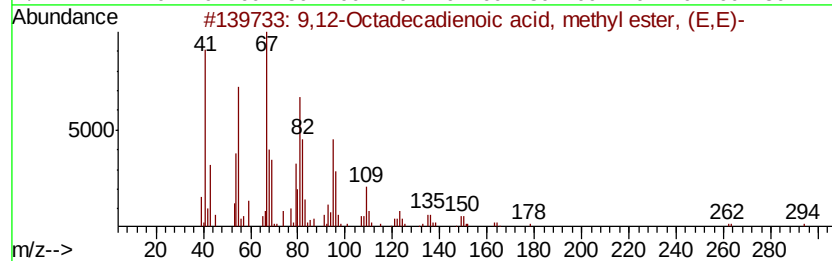
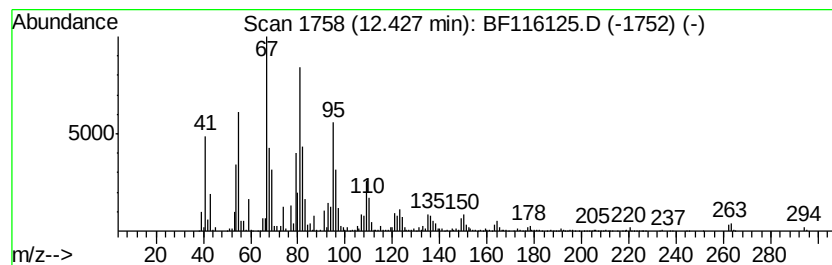
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	67.61 ng	3611750	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116125.D
Acq On : 9 Aug 2019 21:06
Operator : HP/JU
Sample : K4092-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

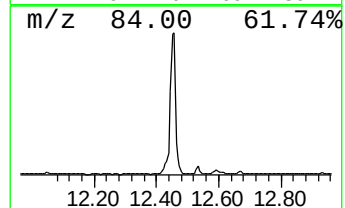
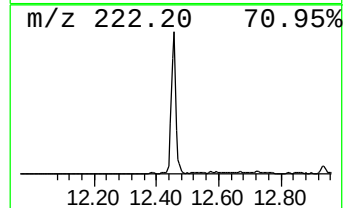
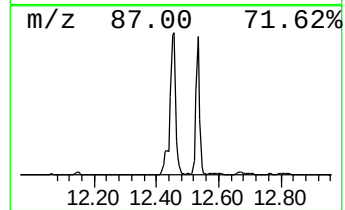
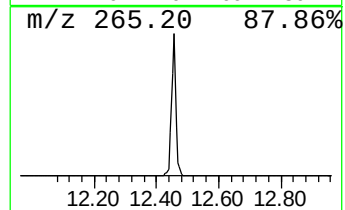
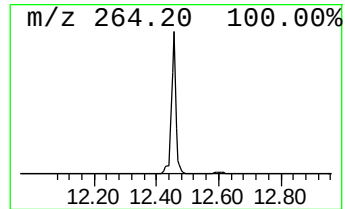
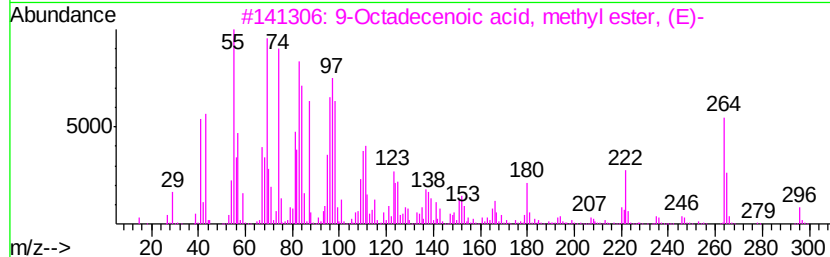
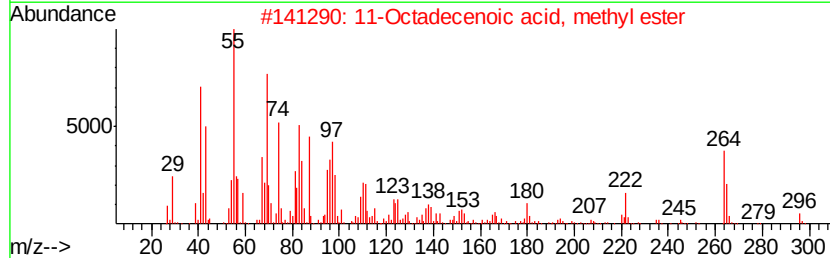
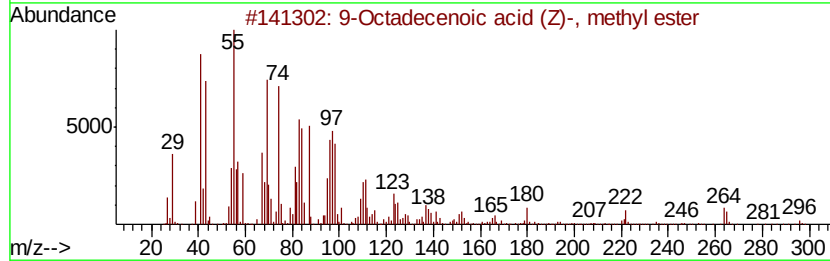
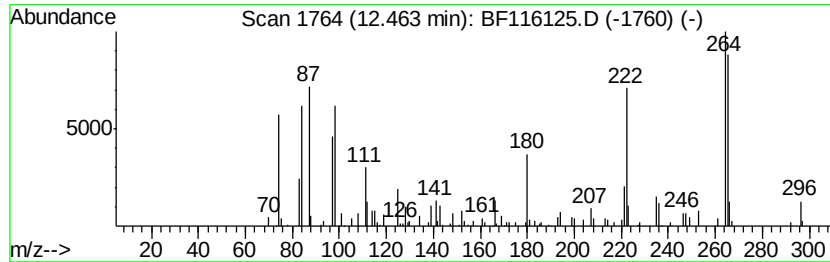
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.46	92.95 ng	4965800	Phenanthrene-d10		11.36		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	95		
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93		
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	91		
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	89		
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	89		



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116125.D
Acq On : 9 Aug 2019 21:06
Operator : HP/JU
Sample : K4092-01 5X
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ALS Vial : 10 Sample Multiplier: 1

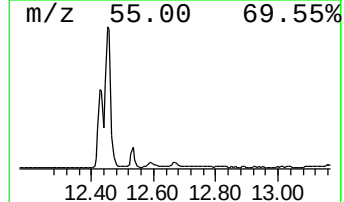
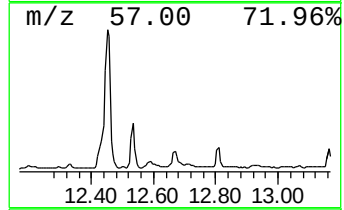
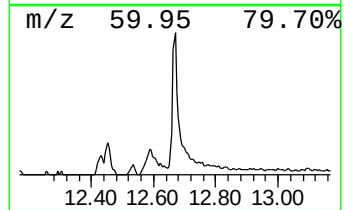
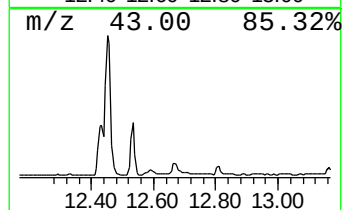
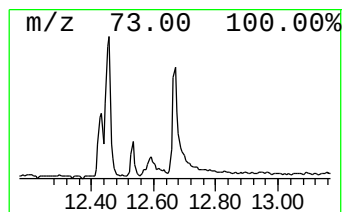
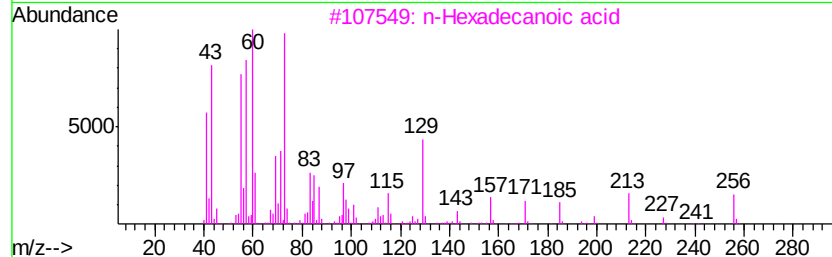
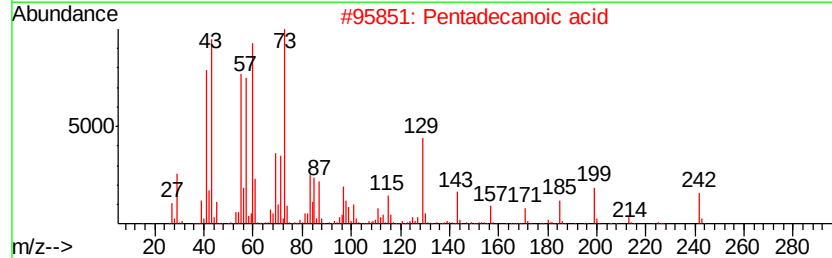
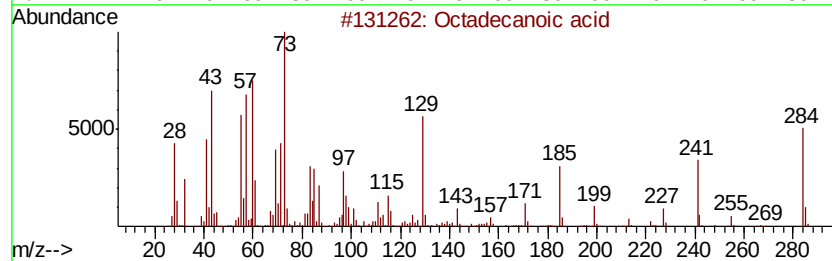
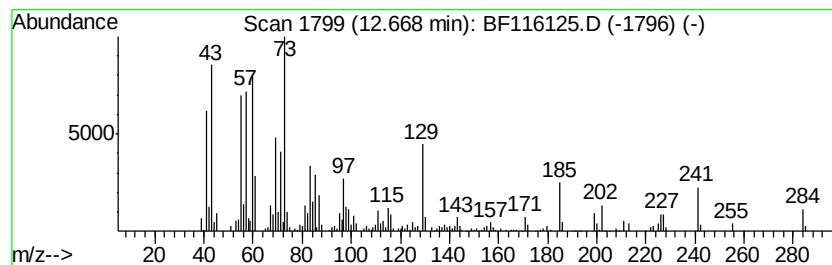
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.67	4.45 ng	237535	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5		n-Decanoic acid	172	C10H20O2	000334-48-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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Sample : K4092-01 5X
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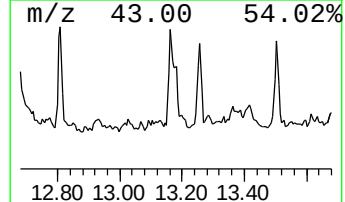
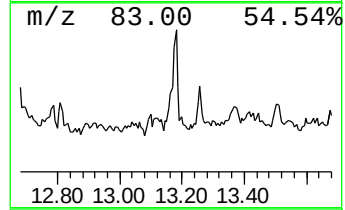
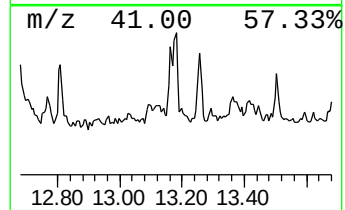
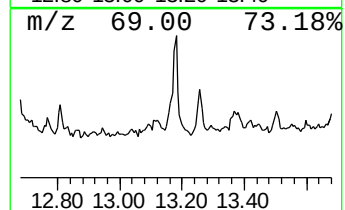
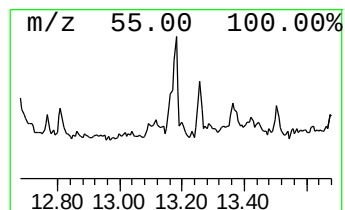
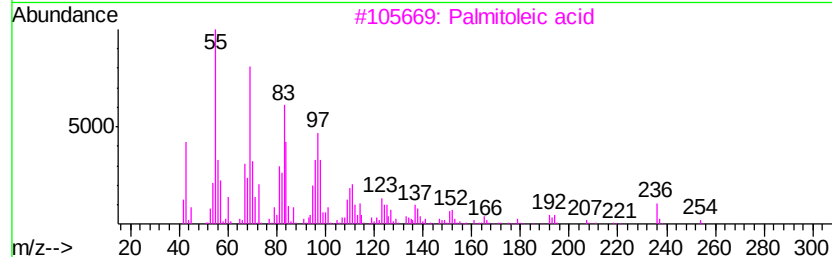
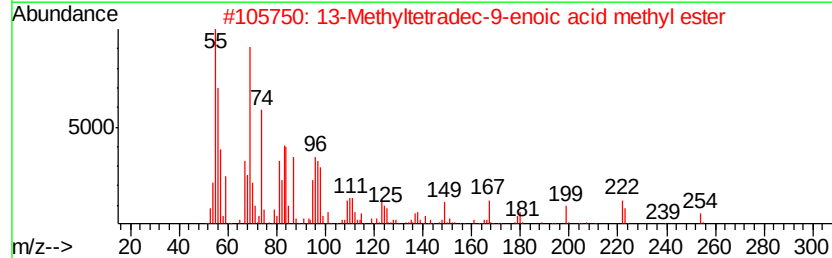
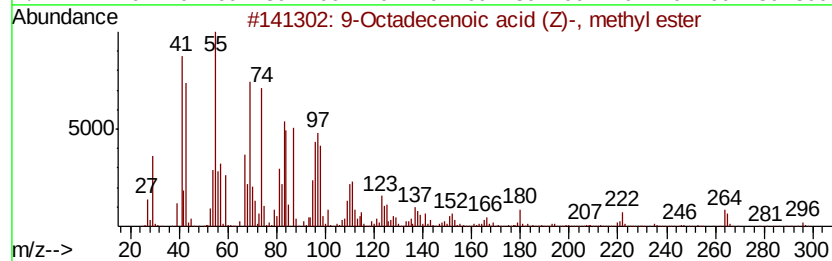
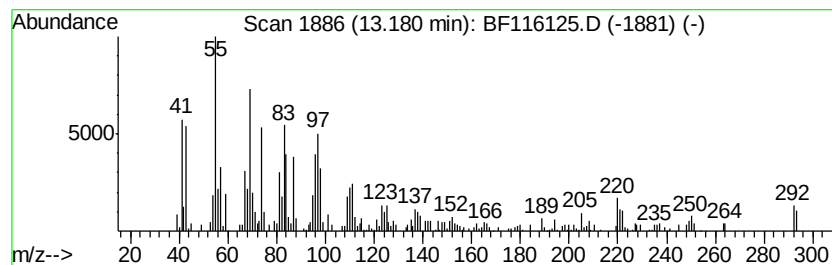
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 13-Methyltetradec-9-enoic a... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.18	4.16 ng	180056	Chrysene-d12	14.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	13-Methyltetradec-9-enoic acid m...	254	C16H30O2	1000365-89-8	72
3	Palmitoleic acid	254	C16H30O2	000373-49-9	70
4	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	64
5	trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
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Sample : K4092-01 5X
Misc :
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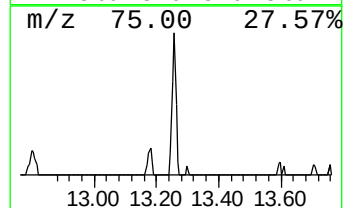
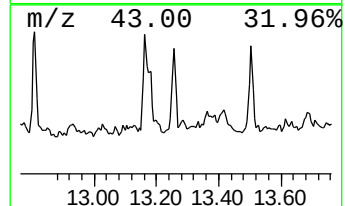
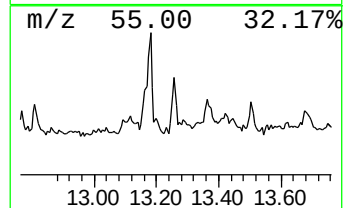
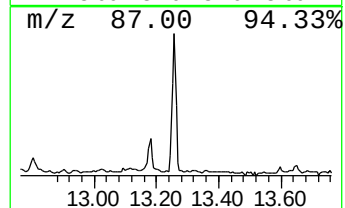
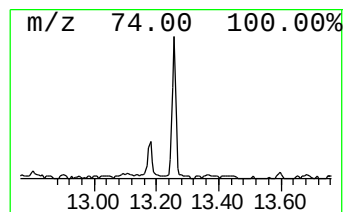
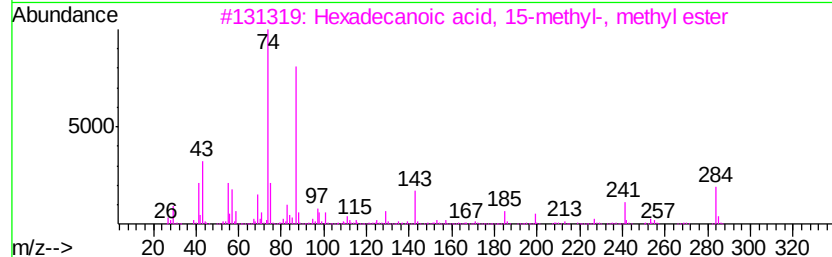
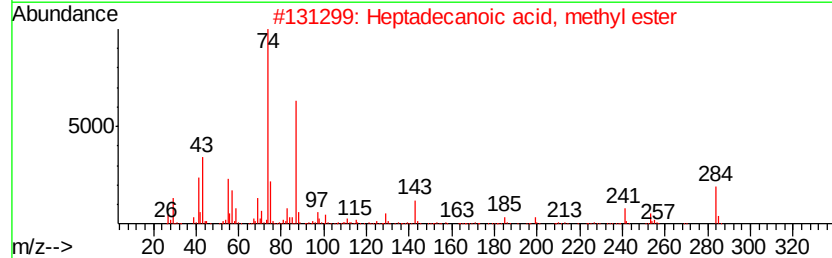
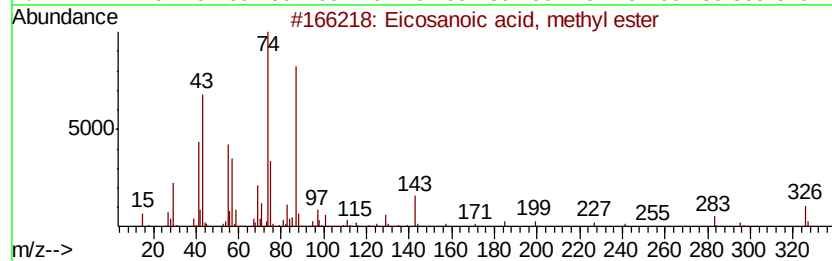
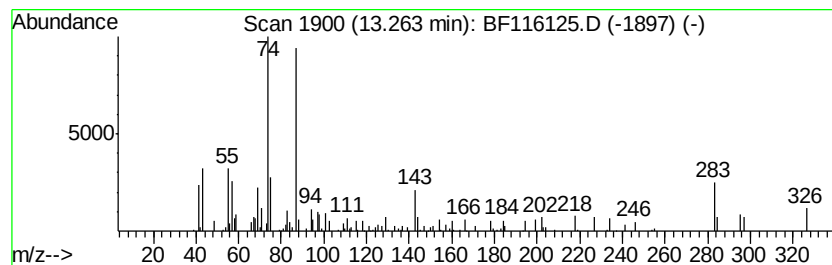
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Eicosanoic acid, methyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.26	2.19 ng	94674	Chrysene-d12	14.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	93
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
4		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	90
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080919\
Data File : BF116125.D
Acq On : 9 Aug 2019 21:06
Operator : HP/JU
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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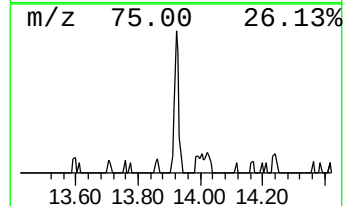
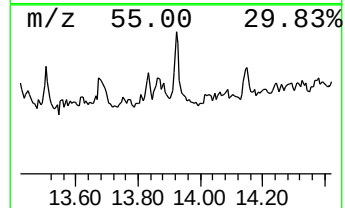
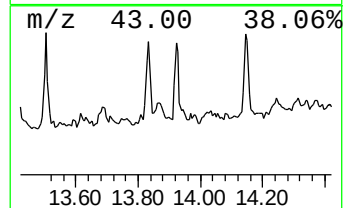
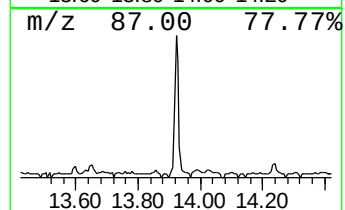
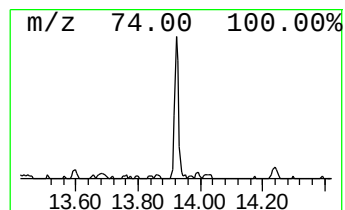
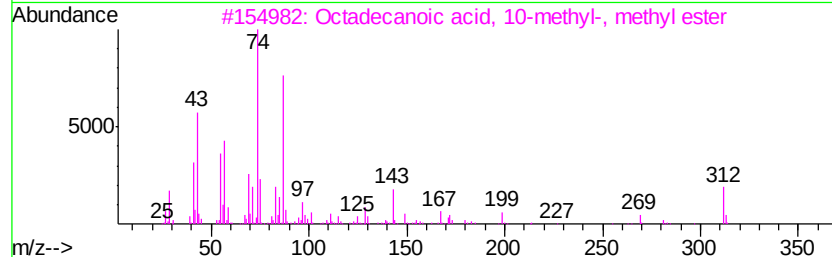
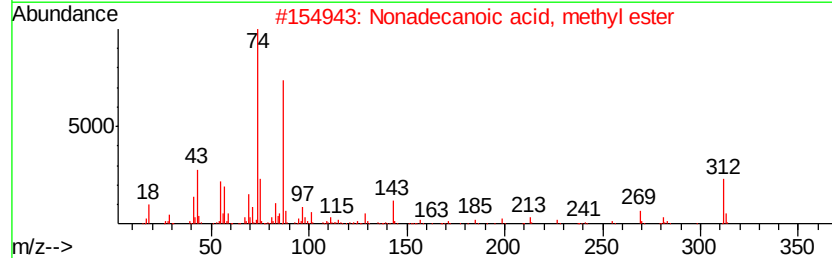
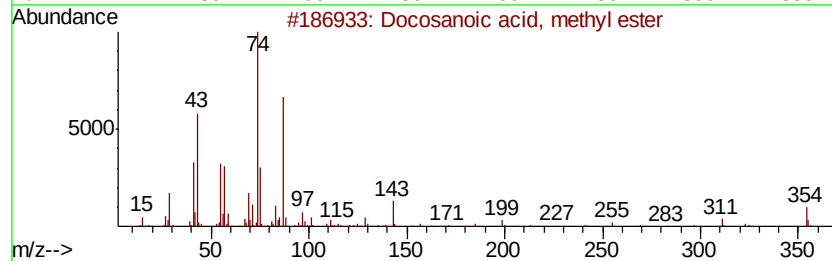
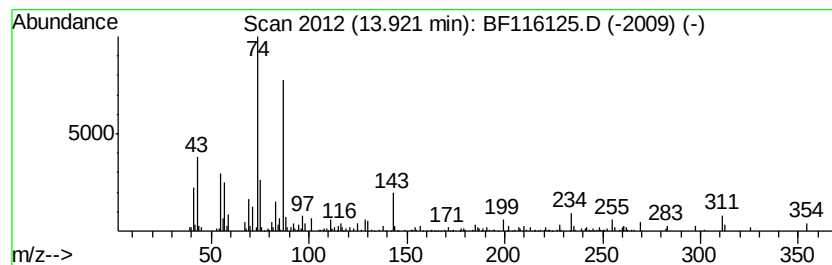
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Docosanoic acid, methyl ester Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.92	2.88 ng	124934	Chrysene-d12	14.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	96
2		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	94
3		Octadecanoic acid, 10-methyl-, m...	312	C20H40O2	002490-19-9	90
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5		Methyl stearate	298	C19H38O2	000112-61-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080919\
 Data File : BF116125.D
 Acq On : 9 Aug 2019 21:06
 Operator : HP/JU
 Sample : K4092-01 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-01-080719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	3.89	15.1	ng	510675	1	6.84	674495	20.0
unknown6.62	6.62	12.9	ng	434681	1	6.84	674495	20.0
Tetradecane	10.77	3.4	ng	181066	4	11.36	1068450	20.0
Octadecane	11.22	2.1	ng	112324	4	11.36	1068450	20.0
Hexadecanoic acid...	11.75	22.8	ng	1218040	4	11.36	1068450	20.0
n-Hexadecanoic acid	11.89	5.4	ng	287163	4	11.36	1068450	20.0
9,12-Octadecadien...	12.43	67.6	ng	3611750	4	11.36	1068450	20.0
9-Octadecenoic ac...	12.46	93.0	ng	4965800	4	11.36	1068450	20.0
Octadecanoic acid	12.67	4.5	ng	237535	4	11.36	1068450	20.0
13-Methyltetradec...	13.18	4.2	ng	180056	5	14.00	866206	20.0
Eicosanoic acid, ...	13.26	2.2	ng	94674	5	14.00	866206	20.0
Docosanoic acid, ...	13.92	2.9	ng	124934	5	14.00	866206	20.0