

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098555.D
 Acq On : 15 Sep 2017 4:00
 Operator : SJ/JU
 Sample : I5216-04 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-B

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-BF091117.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	5.251	535	538	554	rBV	202718	277322	7.20%	1.589%
2	6.298	713	716	731	rBV	204376	286567	7.44%	1.642%
3	6.422	734	737	745	rVB	325173	296957	7.71%	1.701%
4	6.645	772	775	784	rBV	909152	773689	20.10%	4.432%
5	6.804	798	802	808	rBV	235522	219429	5.70%	1.257%
6	7.216	869	872	881	rVB	156956	155758	4.05%	0.892%
7	7.933	990	994	997	rBV	1124102	953018	24.76%	5.459%
8	9.004	1173	1176	1180	rBV	375932	287794	7.48%	1.649%
9	9.092	1185	1191	1194	rBV2	49448	63376	1.65%	0.363%
10	9.410	1239	1245	1247	rBV	76472	84534	2.20%	0.484%
11	9.616	1278	1280	1284	rBV	75936	72228	1.88%	0.414%
12	9.680	1288	1291	1299	rVB	1098993	926939	24.08%	5.310%
13	9.863	1316	1322	1327	rBV6	25755	72721	1.89%	0.417%
14	9.939	1331	1335	1338	rBV3	49384	60711	1.58%	0.348%
15	10.116	1362	1365	1368	rBV	127112	93562	2.43%	0.536%
16	10.333	1399	1402	1408	rVB	70782	85333	2.22%	0.489%
17	10.469	1423	1425	1429	rVB	94185	82765	2.15%	0.474%
18	10.586	1442	1445	1453	rVB	164146	223256	5.80%	1.279%
19	10.798	1475	1481	1482	rBV4	22917	44585	1.16%	0.255%
20	11.033	1518	1521	1524	rBV	181988	150233	3.90%	0.861%
21	11.063	1524	1526	1531	rVB	103410	97889	2.54%	0.561%
22	11.163	1539	1543	1549	rBV	902620	761445	19.78%	4.362%
23	11.457	1590	1593	1596	rBV	130096	116801	3.03%	0.669%
24	11.563	1607	1611	1614	rBV	1263443	967533	25.13%	5.542%
25	11.863	1659	1662	1667	rBV	117142	113274	2.94%	0.649%
26	12.245	1723	1727	1729	rBV	3711543	3849766	100.00%	22.053%
27	12.268	1729	1731	1734	rVB	3890573	3161071	82.11%	18.108%
28	12.351	1742	1745	1748	rBV	910666	736716	19.14%	4.220%
29	12.586	1782	1785	1789	rBV3	56395	65908	1.71%	0.378%
30	12.621	1789	1791	1796	rVB	73950	68281	1.77%	0.391%
31	12.745	1808	1812	1816	rVB	251931	224975	5.84%	1.289%
32	12.857	1829	1831	1834	rVB	65342	50288	1.31%	0.288%
33	12.910	1837	1840	1842	rBV3	58698	58189	1.51%	0.333%
34	12.933	1842	1844	1849	rVB5	56848	90982	2.36%	0.521%

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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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35	12.980	1849	1852	1853	rBV2	70711	61389	1.59%	0.352%
36	13.074	1865	1868	1871	rBV	118915	102013	2.65%	0.584%
37	13.227	1892	1894	1898	rVB5	31604	45034	1.17%	0.258%
38	13.321	1907	1910	1914	rBV	42394	49789	1.29%	0.285%
39	13.739	1978	1981	1986	rBV	130216	134764	3.50%	0.772%
40	13.798	1987	1991	1995	rVV	874941	785912	20.41%	4.502%
41	15.198	2225	2229	2236	rBV	570464	704435	18.30%	4.035%

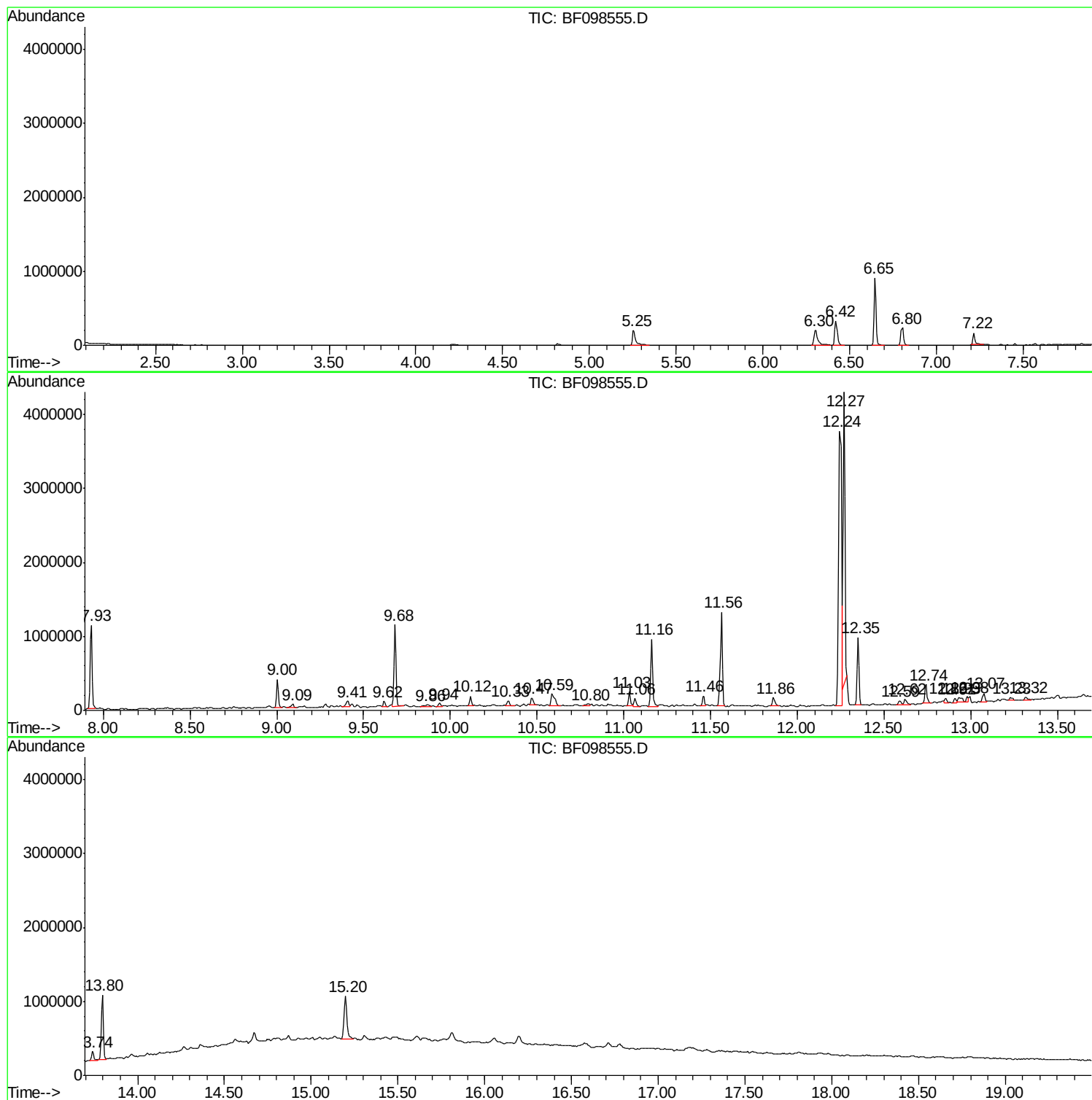
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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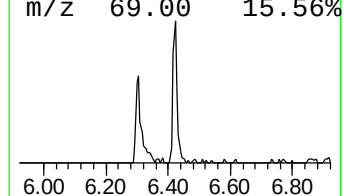
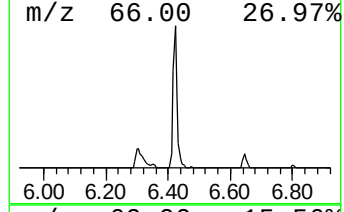
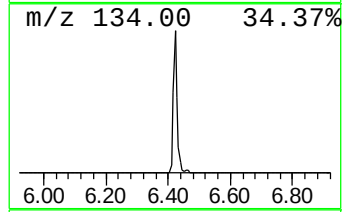
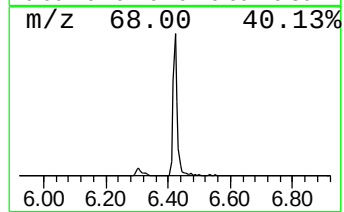
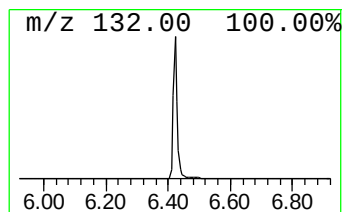
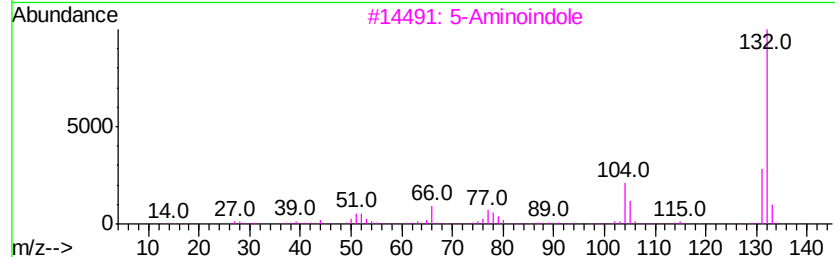
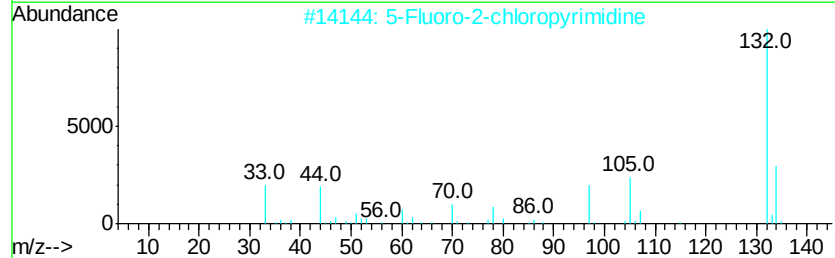
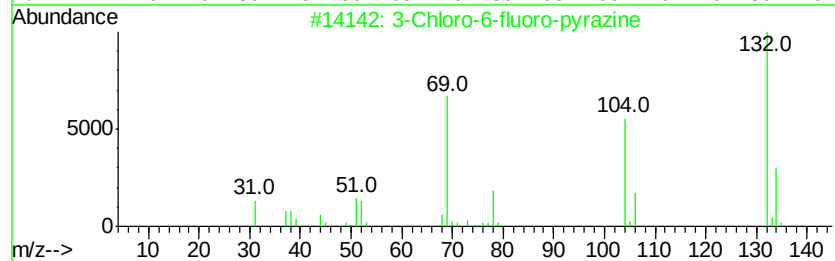
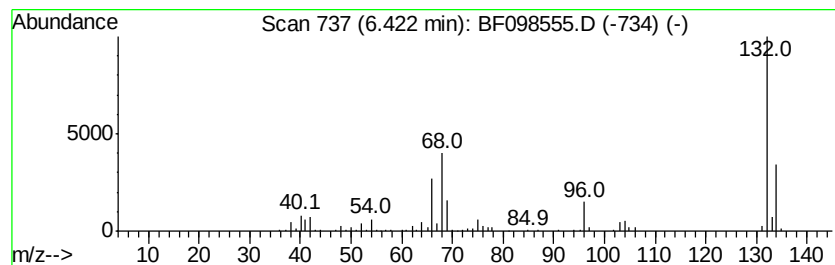
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.42 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	7.68 ng	296957	1,4-Dichlorobenzene-d4	6.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5			4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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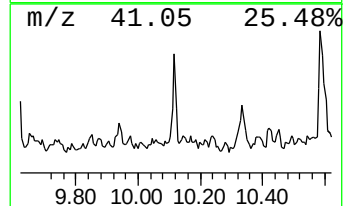
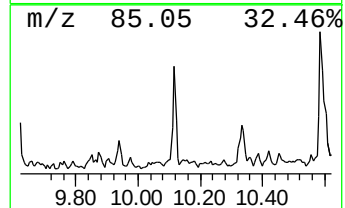
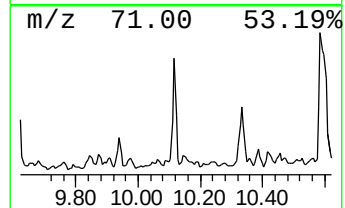
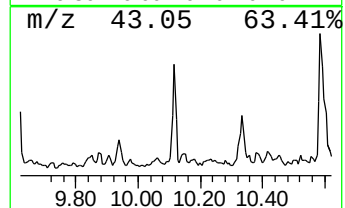
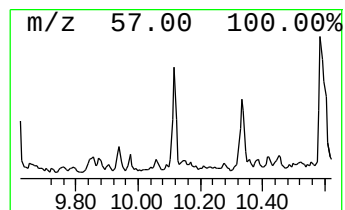
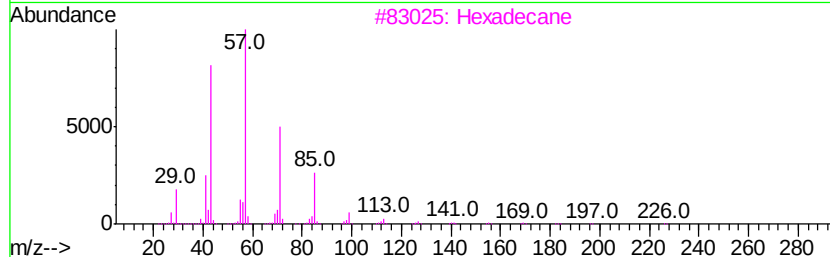
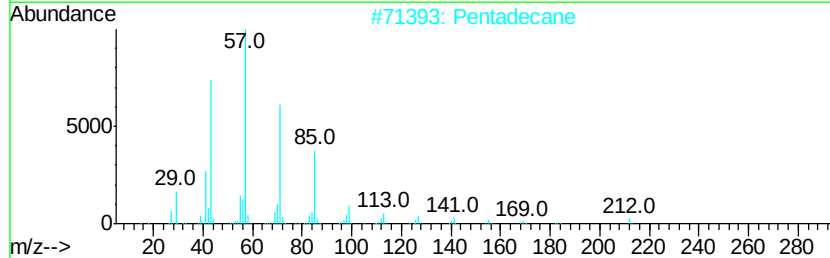
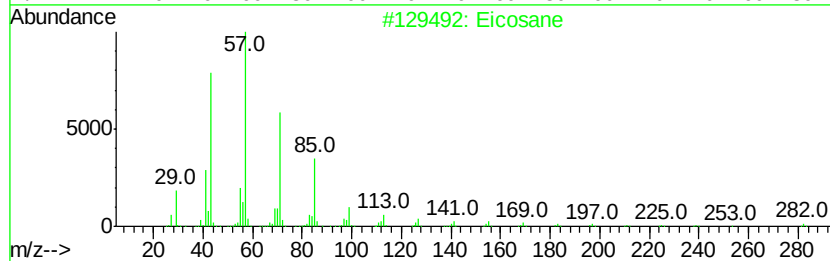
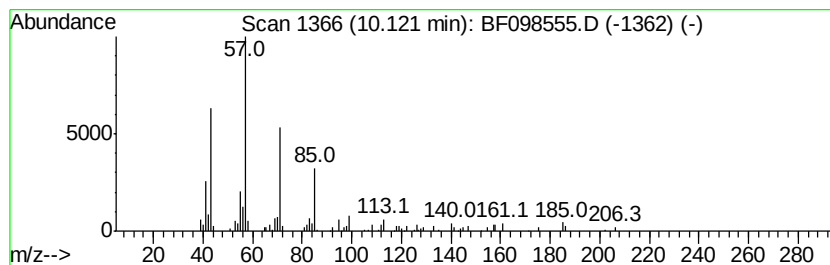
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Peak Number 3 Eicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.02 ng	93562	Acenaphthene-d10	9.68

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	80
2	Pentadecane		212	C15H32	000629-62-9	80
3	Hexadecane		226	C16H34	000544-76-3	80
4	Tridecane, 6-propyl-		226	C16H34	055045-10-8	72
5	Tetracosane		338	C24H50	000646-31-1	72



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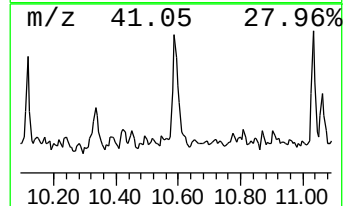
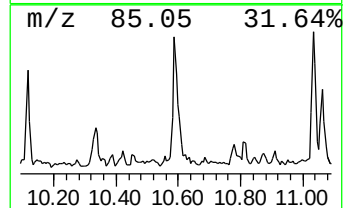
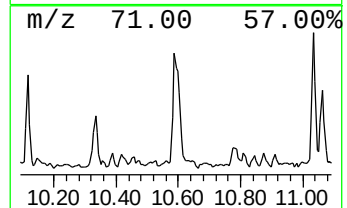
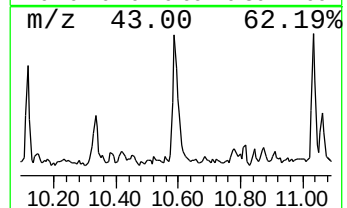
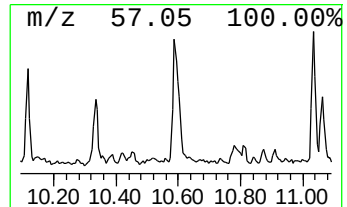
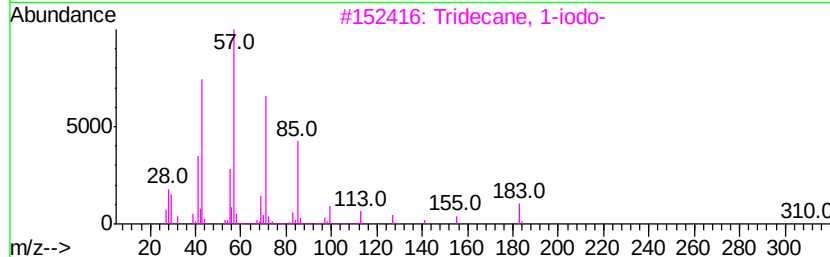
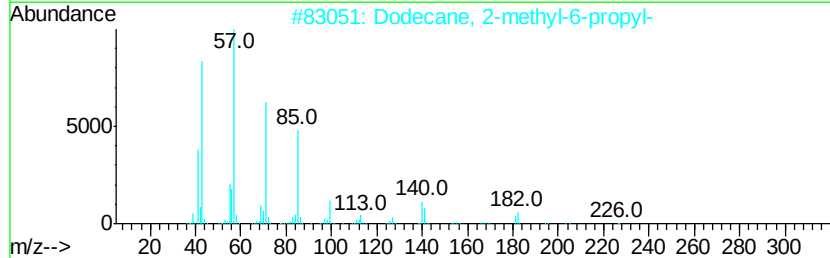
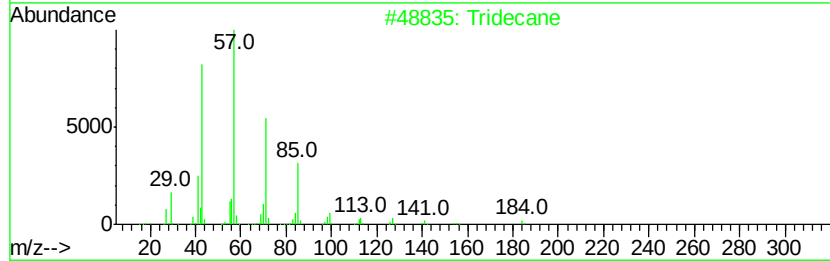
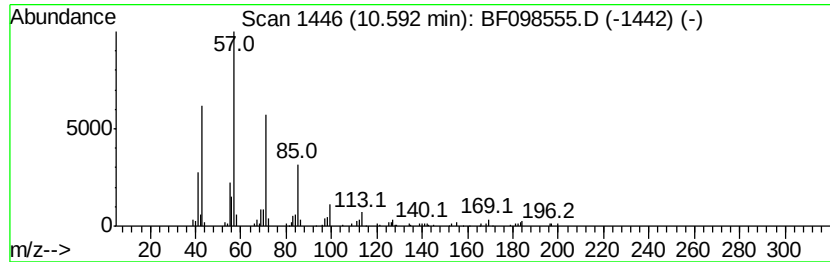
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.59	5.86 ng	223256	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	86



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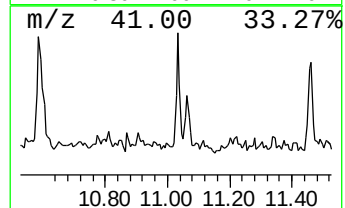
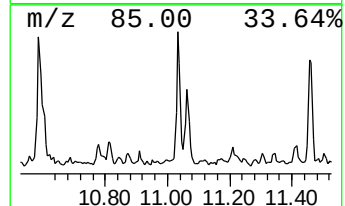
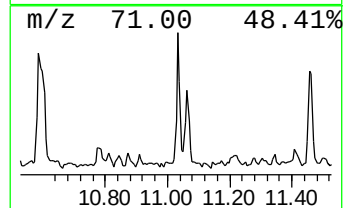
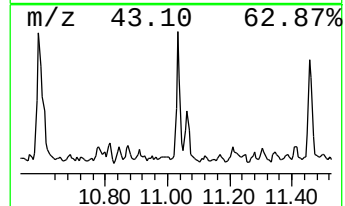
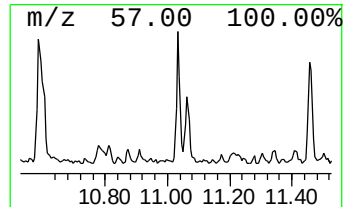
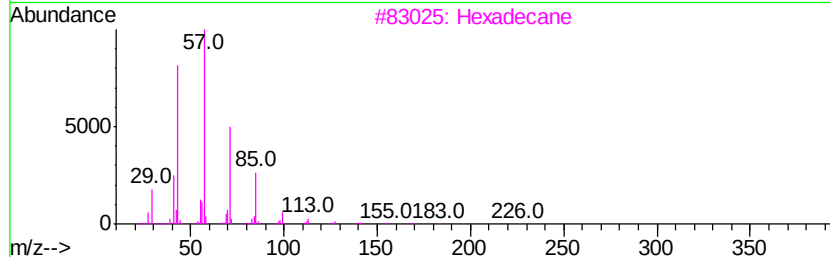
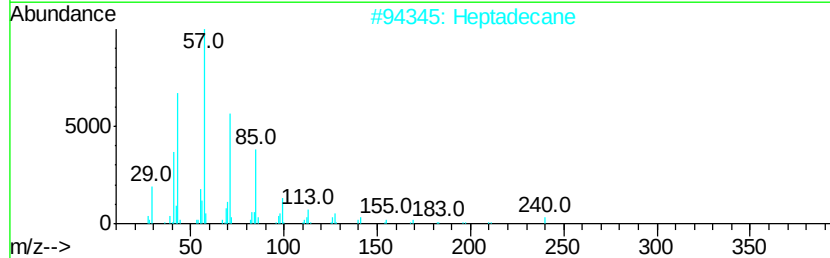
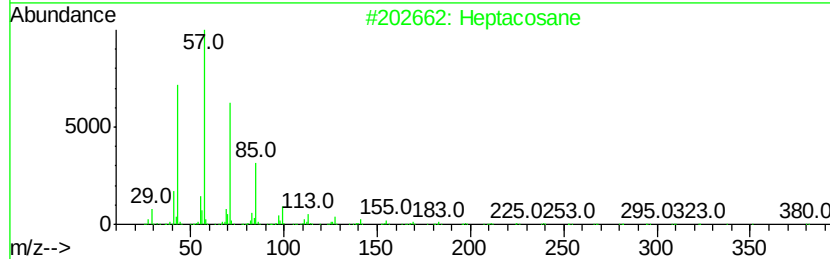
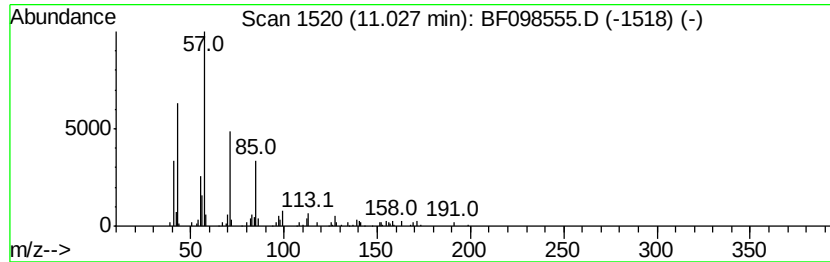
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 5 Heptacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.95 ng	150233	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane	240	C17H36	000629-78-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Pentadecane	212	C15H32	000629-62-9	87
5		Octadecane	254	C18H38	000593-45-3	86



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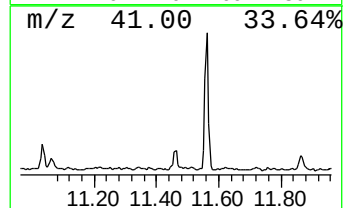
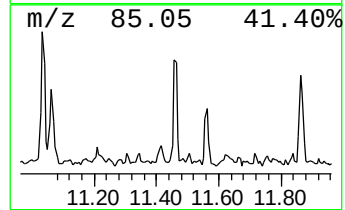
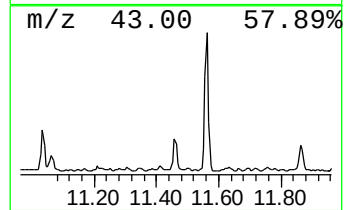
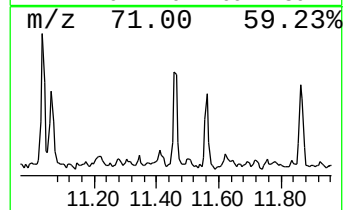
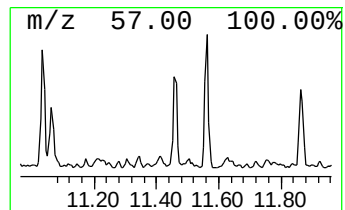
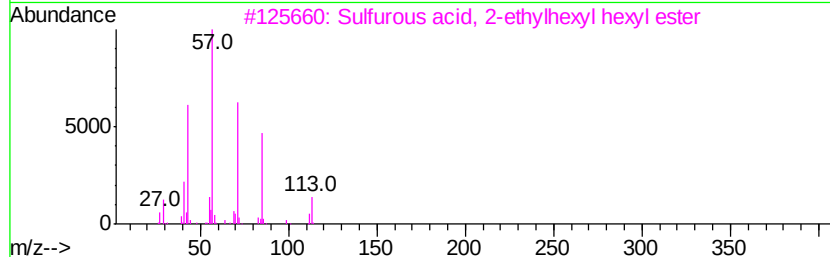
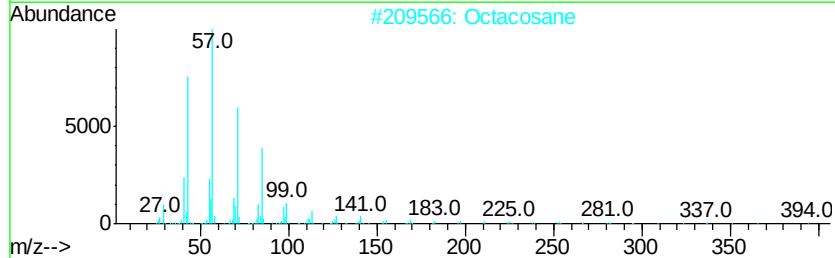
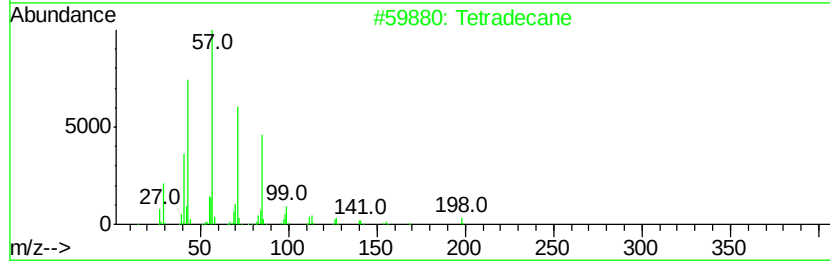
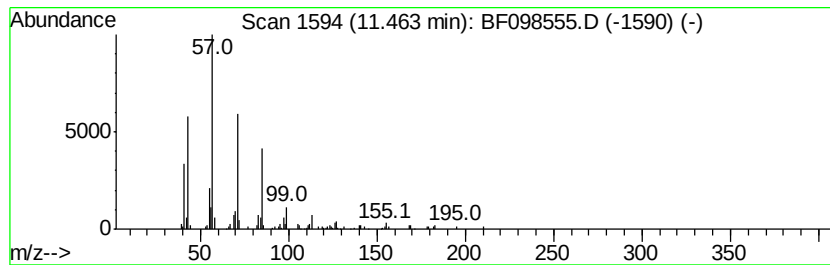
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Peak Number 7 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.46	3.07 ng	116801	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Octacosane	394	C28H58	000630-02-4	86
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
5	Hexadecane	226	C16H34	000544-76-3	59



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Acq On : 15 Sep 2017 4:00
Operator : SJ/JU
Sample : I5216-04 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

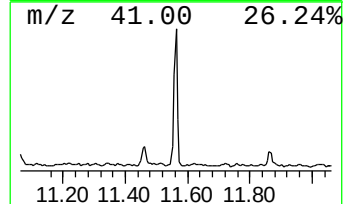
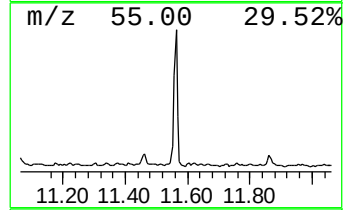
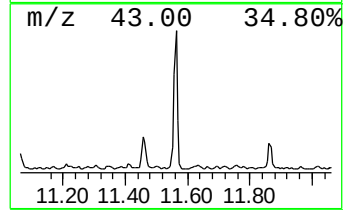
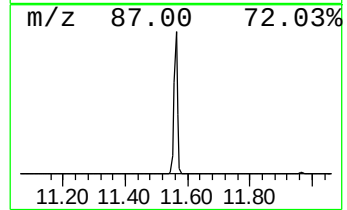
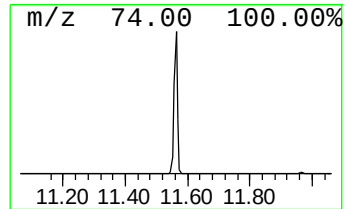
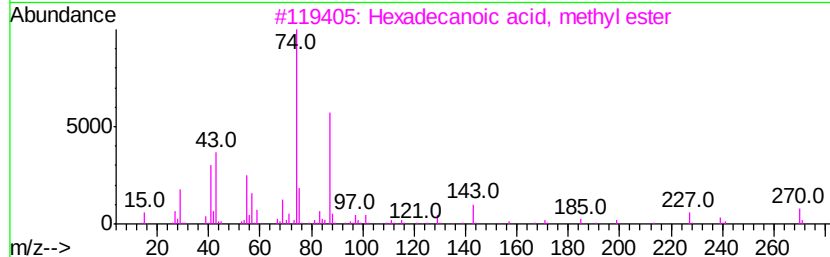
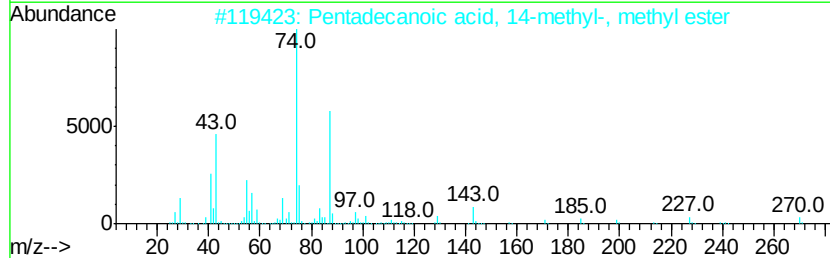
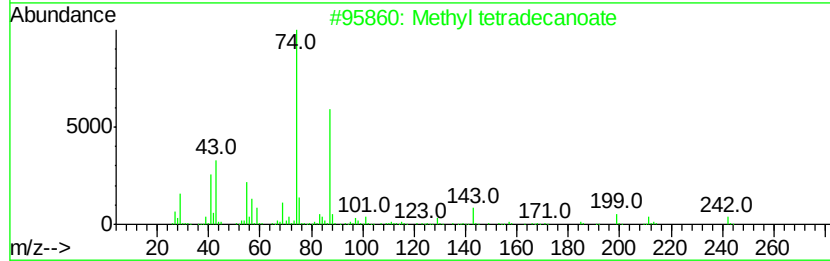
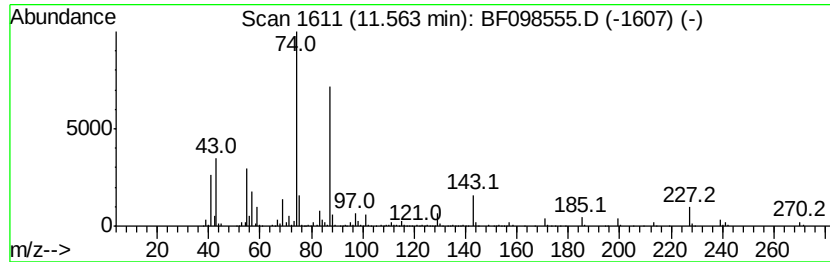
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ClientSampleId :
EO-02-091217-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Methyl tetradecanoate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	25.41 ng	967533	Phenanthrene-d10	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl tetradecanoate	242 C15H30O2	000124-10-7 91
2		Pentadecanoic acid, 14-methyl-, ...	270 C17H34O2	005129-60-2 91
3		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 91
4		Tridecanoic acid, methyl ester	228 C14H28O2	001731-88-0 87
5		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098555.D
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Sample : I5216-04 10X
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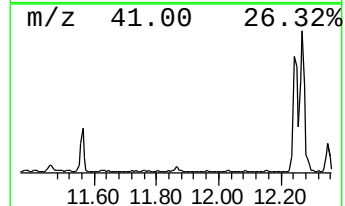
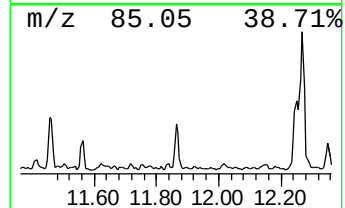
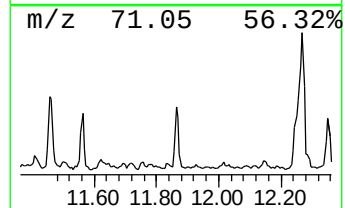
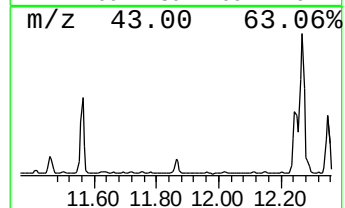
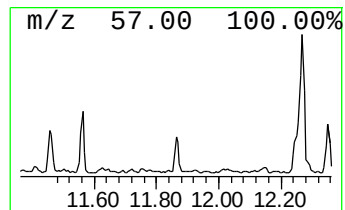
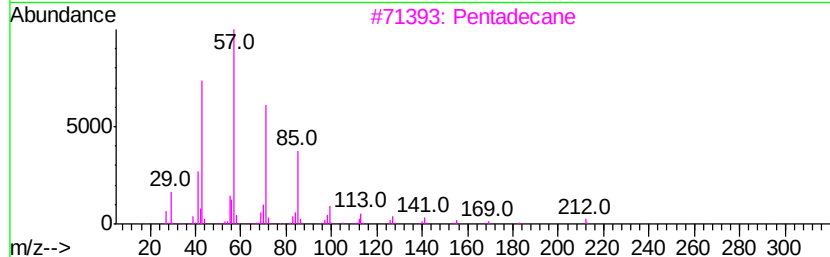
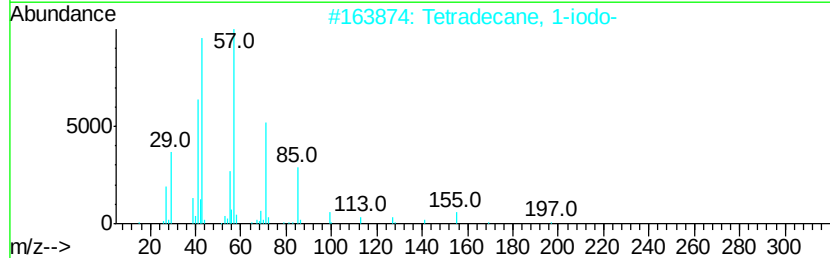
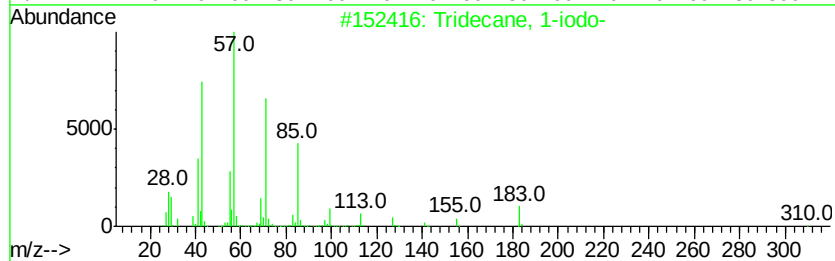
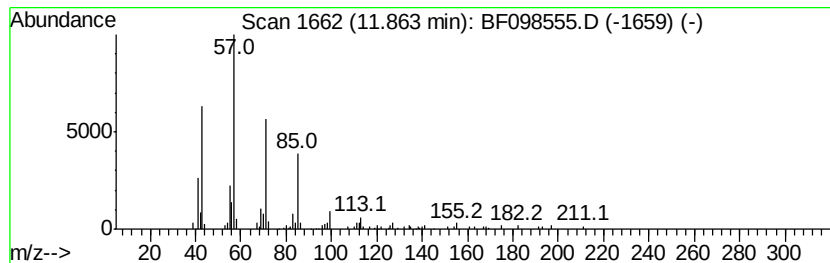
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	2.98 ng	113274	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Hexadecane	226	C16H34	000544-76-3	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098555.D
Acq On : 15 Sep 2017 4:00
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Sample : I5216-04 10X
Misc :
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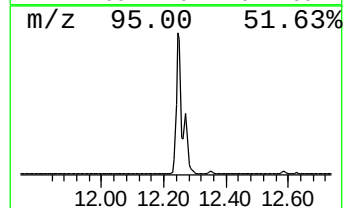
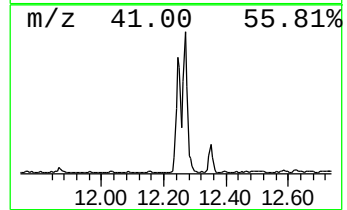
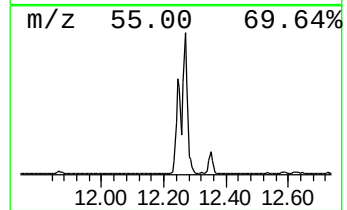
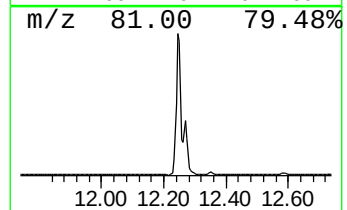
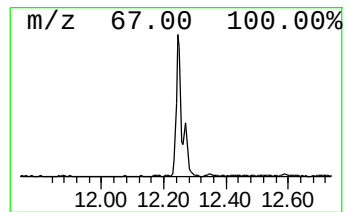
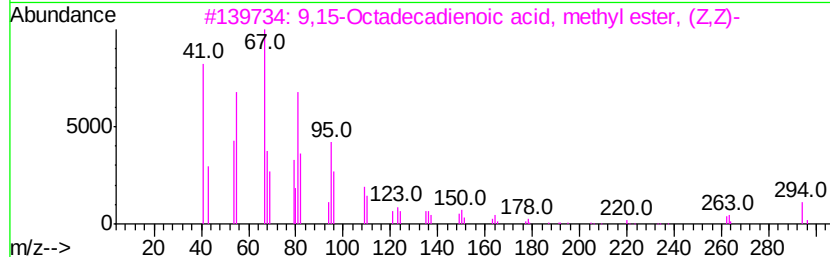
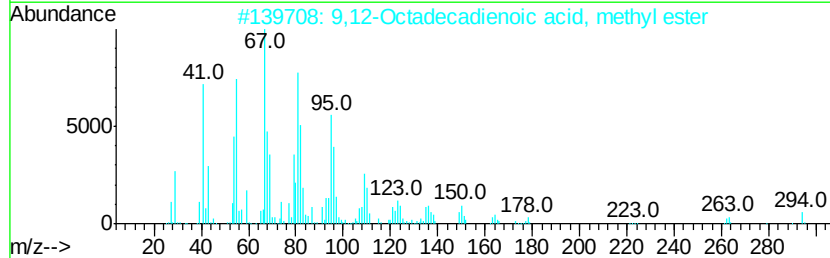
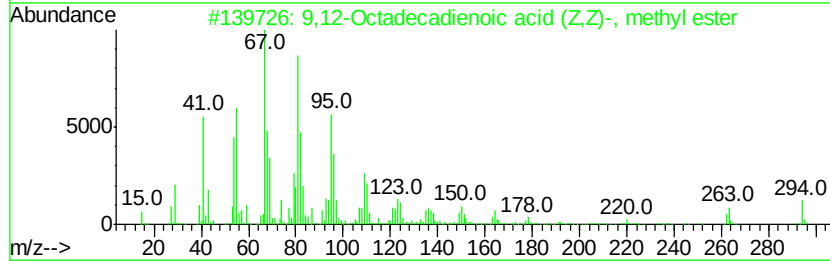
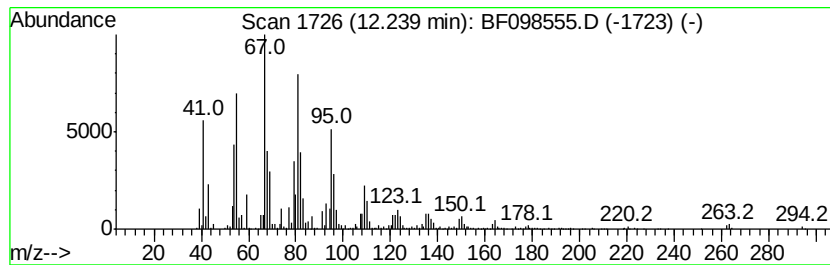
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.24	101.12 ng	3849770	Phenanthrene-d10	11.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
3	9,15-Octadecadienoic acid, methv...	294	C19H34O2	017309-05-6	99	
4	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
5	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99	



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098555.D
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Sample : I5216-04 10X
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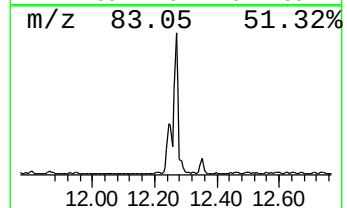
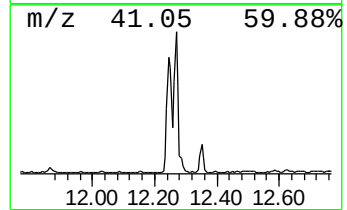
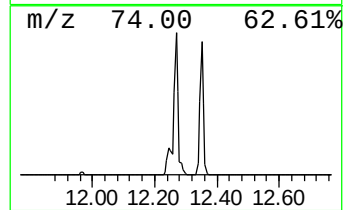
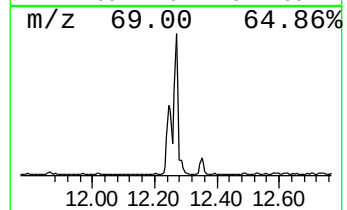
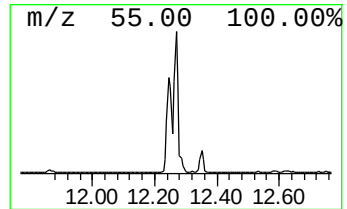
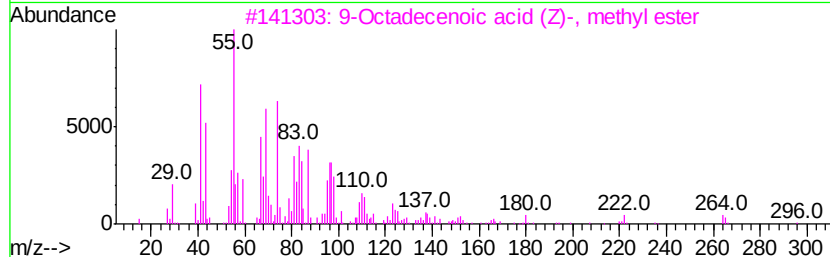
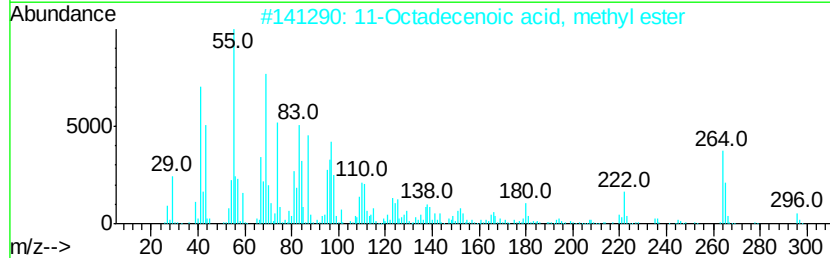
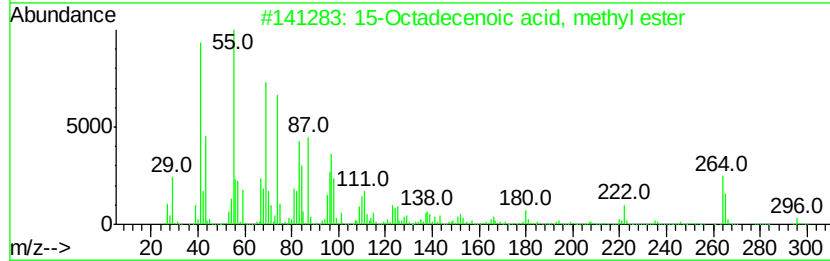
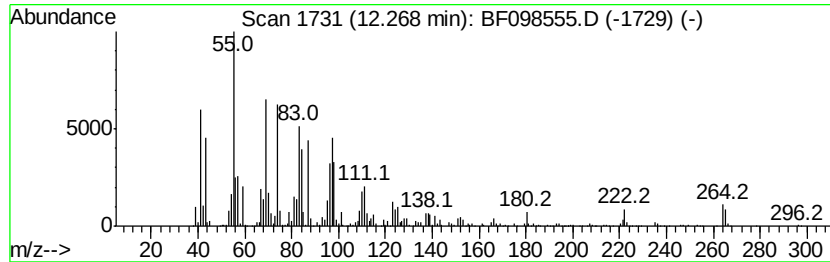
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 15-Octadecenoic acid, methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.27	83.03 ng	3161070	Phenanthrene-d10		11.16		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99		
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94		
3	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93		
4	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	91		
5	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	91		



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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Misc :
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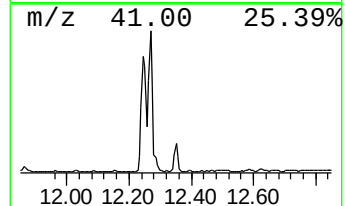
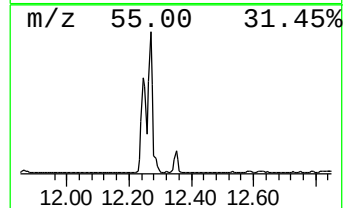
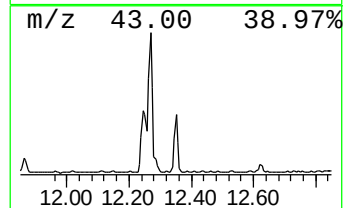
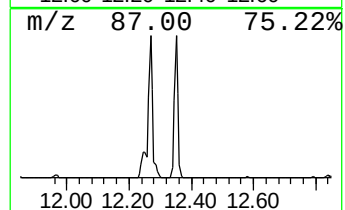
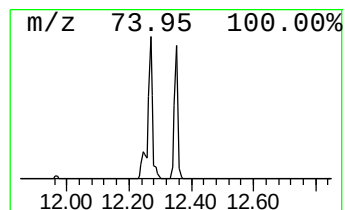
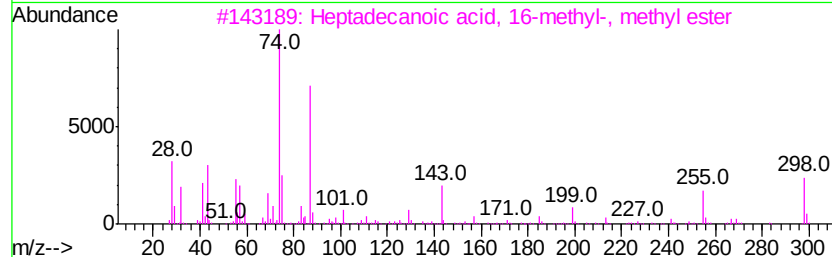
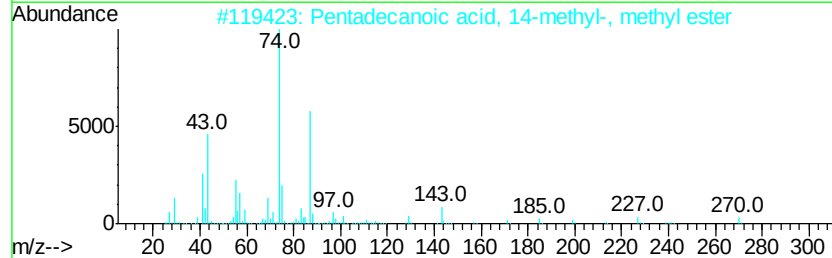
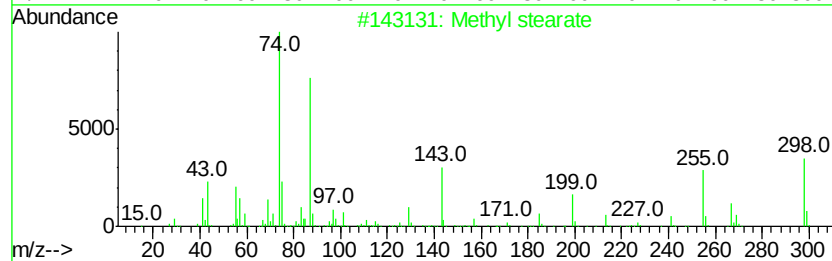
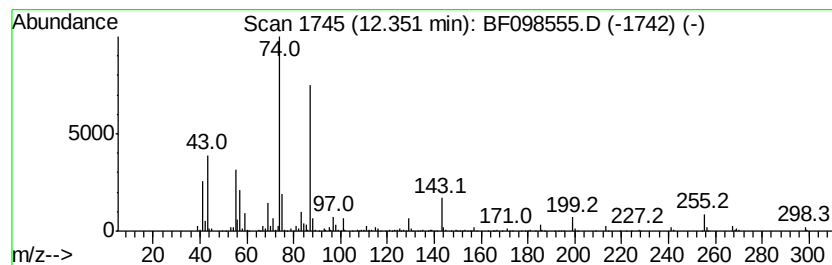
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	19.35 ng	736716	Phenanthrene-d10	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 97
2		Pentadecanoic acid, 14-methyl-, ...	270 C17H34O2	005129-60-2 94
3		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 93
4		Tridecanoic acid, methyl ester	228 C14H28O2	001731-88-0 91
5		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
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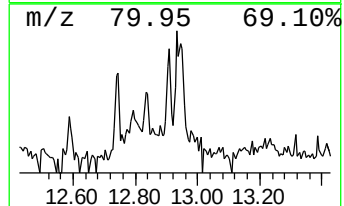
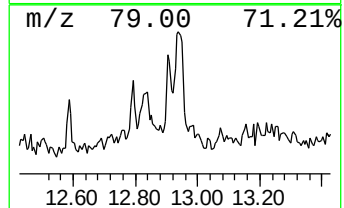
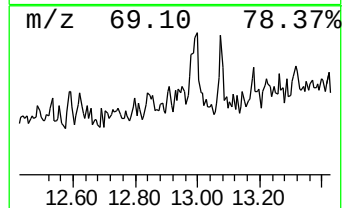
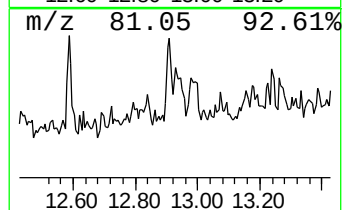
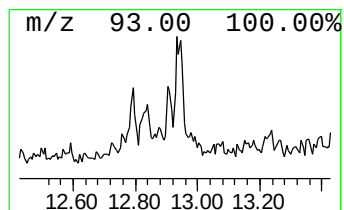
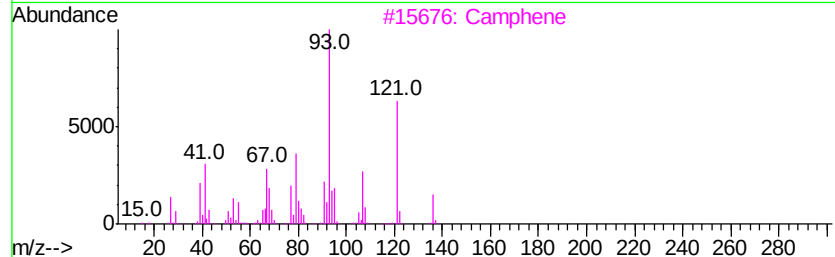
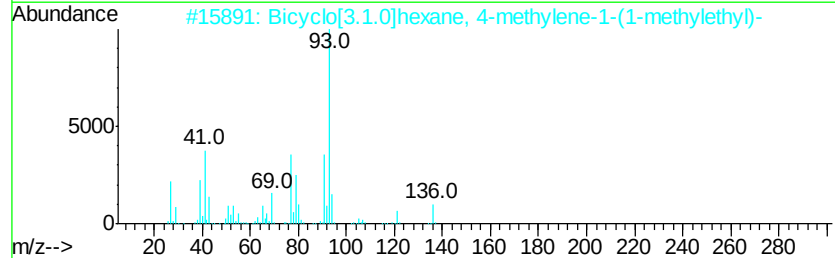
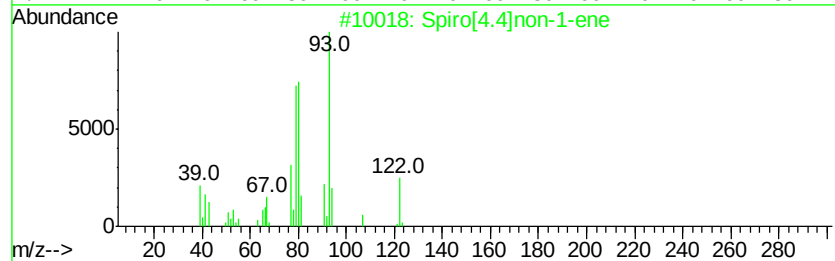
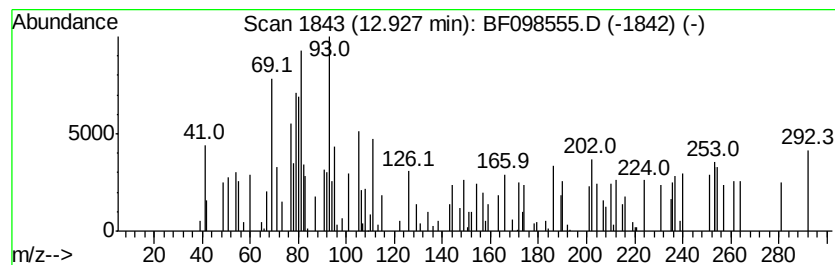
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Spiro[4.4]non-1-ene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	2.32 ng	90982	Chrysene-d12	13.80
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Spiro[4.4]non-1-ene	122 C9H14	000873-12-1 55
2		Bicyclo[3.1.0]hexane, 4-methylen...	136 C10H16	003387-41-5 38
3		Camphene	136 C10H16	000079-92-5 30
4		.beta.-Phellandrene	136 C10H16	000555-10-2 27
5		(1H)-3a,4,5,6,7,7a-Hexahydroindene	122 C9H14	1000196-59-5 25



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098555.D
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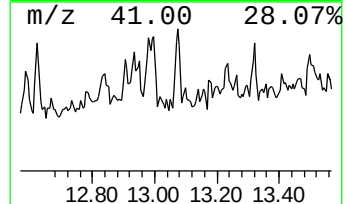
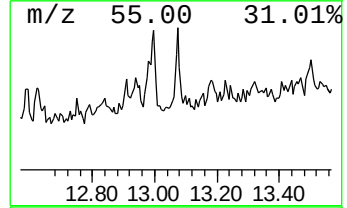
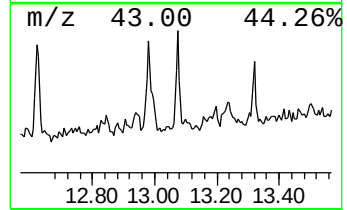
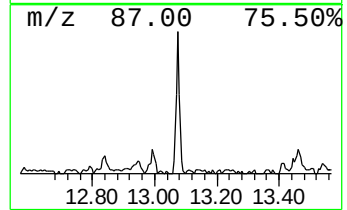
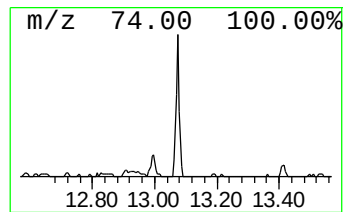
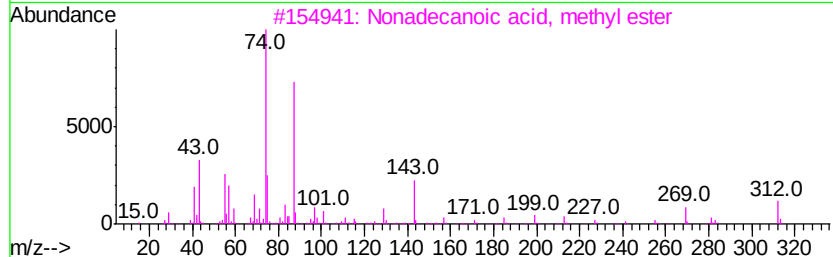
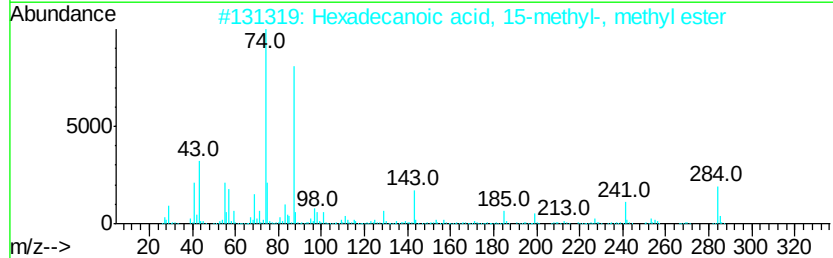
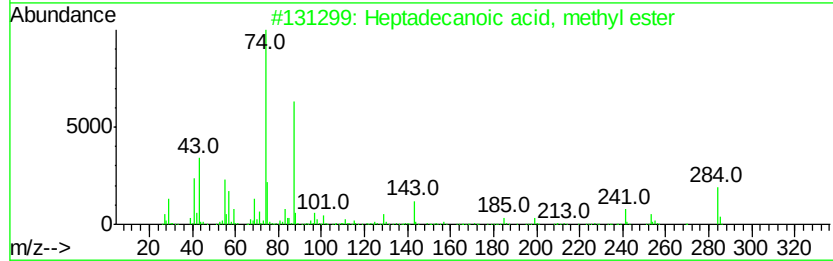
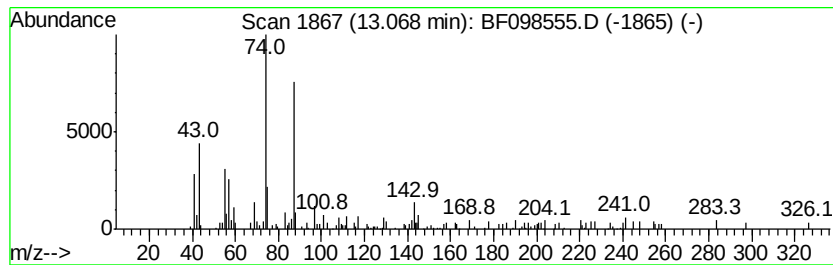
Instrument :
BNA_F
ClientSampleId :
EO-02-091217-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptadecanoic acid, methyl ... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.07	2.60 ng	102013	Chrysene-d12	13.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	94
2		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	93
3		Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	91
4		Methyl stearate	298	C19H38O2	000112-61-8	91
5		Methyl 9-methyltetradecanoate	256	C16H32O2	213617-69-7	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098555.D
Acq On : 15 Sep 2017 4:00
Operator : SJ/JU
Sample : I5216-04 10X
Misc :
ALS Vial : 25 Sample Multiplier: 1

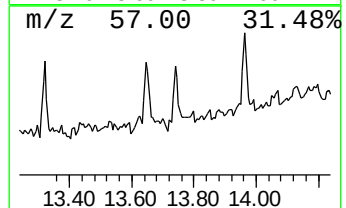
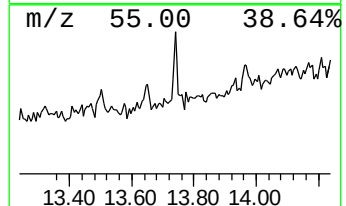
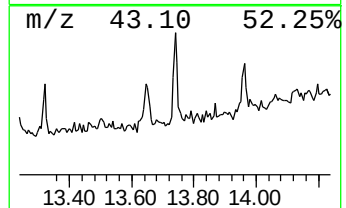
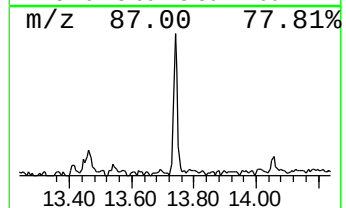
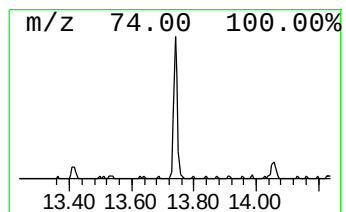
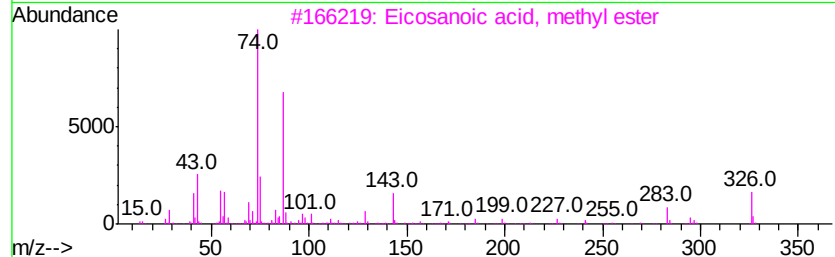
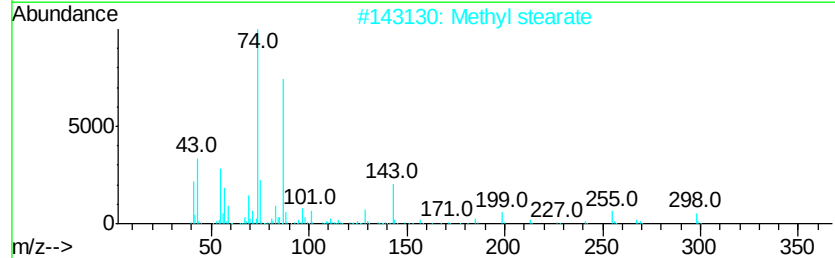
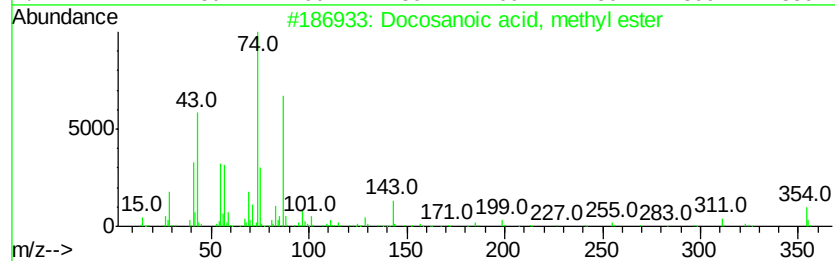
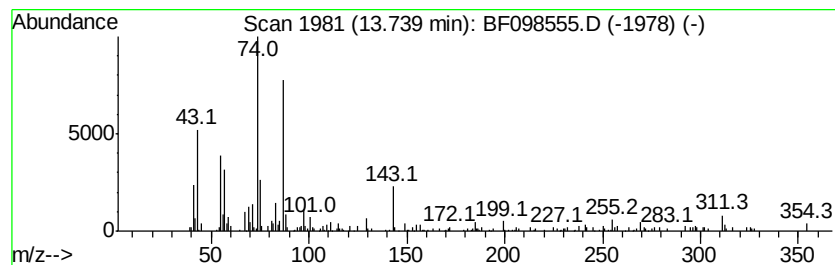
Instrument :
BNA_F
ClientSampleId :
EO-02-091217-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosanoic acid, methyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.74	3.43 ng	134764	Chrysene-d12	13.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	97
2	Methyl stearate	298	C19H38O2	000112-61-8	95
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	93
4	Nonadecanoic acid, methyl ester	312	C20H40O2	001731-94-8	93
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098555.D
 Acq On : 15 Sep 2017 4:00
 Operator : SJ/JU
 Sample : I5216-04 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-02-091217-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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
unknown6.42	6.42	7.7	ng	296957	1	6.65	773689	20.0
Eicosane	10.12	2.0	ng	93562	3	9.68	926939	20.0
Tridecane	10.59	5.9	ng	223256	4	11.16	761445	20.0
Heptacosane	11.03	4.0	ng	150233	4	11.16	761445	20.0
Tetradecane	11.46	3.1	ng	116801	4	11.16	761445	20.0
Methyl tetradecan...	11.56	25.4	ng	967533	4	11.16	761445	20.0
Tridecane, 1-iodo-	11.86	3.0	ng	113274	4	11.16	761445	20.0
9,12-Octadecadien...	12.24	101.1	ng	3849770	4	11.16	761445	20.0
15-Octadecenoic a...	12.27	83.0	ng	3161070	4	11.16	761445	20.0
Methyl stearate	12.35	19.4	ng	736716	4	11.16	761445	20.0
Spiro[4.4]non-1-ene	12.93	2.3	ng	90982	5	13.80	785912	20.0
Heptadecanoic aci...	13.07	2.6	ng	102013	5	13.80	785912	20.0
Docosanoic acid, ...	13.74	3.4	ng	134764	5	13.80	785912	20.0