

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
 Data File : BF108440.D
 Acq On : 24 Aug 2018 00:10
 Operator : JU/SJ
 Sample : J4535-05 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RA-081618-ESW-15-037

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	5.231	489	492	496	rBV2	24394	29657	2.68%	0.227%
2	5.619	552	558	570	rVB	577919	553252	50.04%	4.235%
3	6.519	708	711	716	rBV3	12256	21687	1.96%	0.166%
4	6.613	722	727	735	rBV	645916	588942	53.27%	4.508%
5	6.766	749	753	759	rVB	699205	585815	52.99%	4.484%
6	6.819	759	762	766	rVB	48599	38366	3.47%	0.294%
7	7.001	789	793	796	rBV	979757	833379	75.38%	6.379%
8	7.154	812	819	827	rBV	558578	473910	42.87%	3.627%
9	7.554	884	887	896	rVB	368104	382324	34.58%	2.926%
10	8.283	1007	1011	1014	rBV	1254691	1053208	95.26%	8.061%
11	8.560	1053	1058	1064	rVB4	11373	19206	1.74%	0.147%
12	8.854	1105	1108	1111	rBV	32515	26734	2.42%	0.205%
13	8.995	1129	1132	1136	rBV	75947	66501	6.02%	0.509%
14	9.095	1146	1149	1152	rBV	39042	31601	2.86%	0.242%
15	9.283	1175	1181	1184	rBV	28170	32546	2.94%	0.249%
16	9.354	1189	1193	1200	rBV	834113	682244	61.71%	5.222%
17	9.419	1201	1204	1208	rVV	44618	48355	4.37%	0.370%
18	9.460	1208	1211	1214	rVB	20410	19964	1.81%	0.153%
19	9.554	1222	1227	1231	rBV	14027	18765	1.70%	0.144%
20	9.625	1234	1239	1244	rBV2	52495	81257	7.35%	0.622%
21	9.695	1248	1251	1254	rVV	47142	48955	4.43%	0.375%
22	9.725	1254	1256	1257	rVV	33860	26099	2.36%	0.200%
23	9.742	1257	1259	1266	rVB2	93618	92572	8.37%	0.709%
24	9.819	1267	1272	1273	rBV2	21496	26052	2.36%	0.199%
25	9.901	1283	1286	1289	rBV3	32489	32820	2.97%	0.251%
26	9.954	1292	1295	1299	rVB	76477	67828	6.14%	0.519%
27	10.019	1304	1306	1307	rVV	41526	32827	2.97%	0.251%
28	10.048	1307	1311	1314	rVV	1158243	1105576	100.00%	8.462%
29	10.077	1314	1316	1319	rVV	77264	72003	6.51%	0.551%
30	10.142	1323	1327	1331	rBV	29896	40522	3.67%	0.310%
31	10.242	1341	1344	1347	rBV2	52602	64908	5.87%	0.497%
32	10.283	1347	1351	1354	rVB3	42249	51265	4.64%	0.392%
33	10.360	1360	1364	1366	rBV	38929	49542	4.48%	0.379%
34	10.389	1366	1369	1374	rVV2	47241	58505	5.29%	0.448%

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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	10.454	1374	1380	1384	rVV	105175	126365	11.43%	0.967%
36	10.536	1392	1394	1397	rVB	23228	18171	1.64%	0.139%
37	10.595	1400	1404	1410	rVV4	49542	72437	6.55%	0.554%
38	10.672	1414	1417	1420	rVB	75867	81723	7.39%	0.626%
39	10.730	1425	1427	1429	rBV3	22191	25662	2.32%	0.196%
40	10.836	1442	1445	1448	rBV	308504	302754	27.38%	2.317%
41	10.942	1458	1463	1470	rVB	180052	285541	25.83%	2.186%
42	11.001	1471	1473	1475	rBV2	20908	22135	2.00%	0.169%
43	11.342	1528	1531	1534	rBV3	39084	43050	3.89%	0.330%
44	11.377	1535	1537	1539	rBV	122959	92014	8.32%	0.704%
45	11.407	1539	1542	1545	rVB	169571	152742	13.82%	1.169%
46	11.542	1561	1565	1567	rBV	1006999	901637	81.55%	6.901%
47	11.566	1567	1569	1572	rVB	304044	236629	21.40%	1.811%
48	11.618	1575	1578	1579	rBV	54655	47554	4.30%	0.364%
49	11.760	1599	1602	1606	rBV2	122103	160910	14.55%	1.232%
50	11.807	1607	1610	1613	rVB	150904	133812	12.10%	1.024%
51	12.071	1653	1655	1658	rVB	124821	90458	8.18%	0.692%
52	12.218	1677	1680	1683	rBV	89438	93803	8.48%	0.718%
53	12.760	1770	1772	1776	rVB	301117	258178	23.35%	1.976%
54	12.995	1810	1812	1817	rVB	213578	219733	19.87%	1.682%
55	13.124	1831	1834	1841	rVB	498580	514389	46.53%	3.937%
56	14.195	2013	2016	2019	rBV	737544	735574	66.53%	5.630%
57	15.759	2278	2282	2298	rVB	575200	1092243	98.79%	8.360%

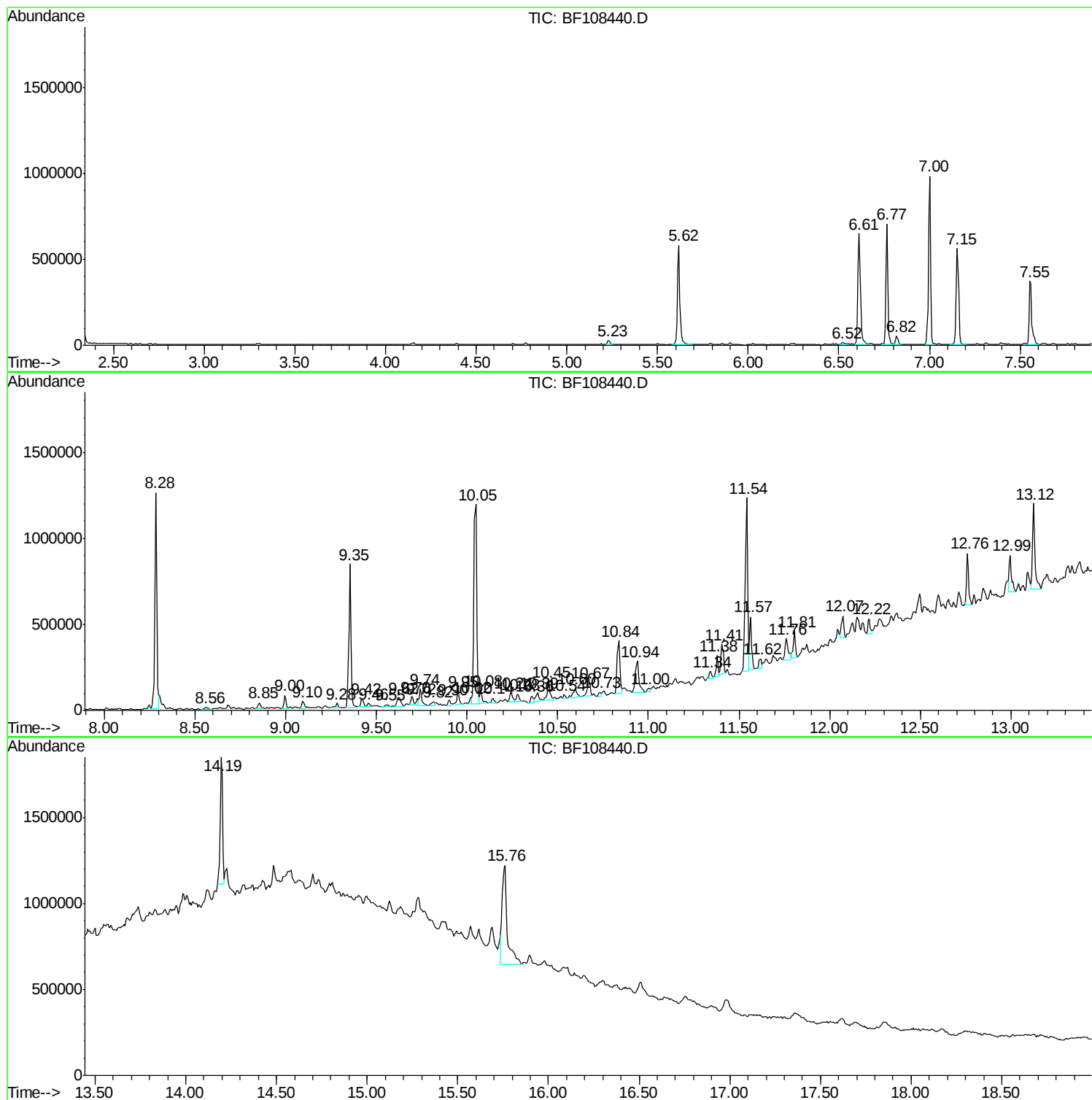
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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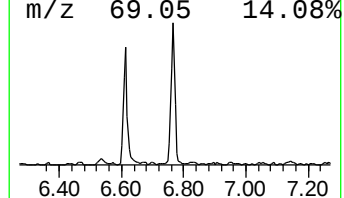
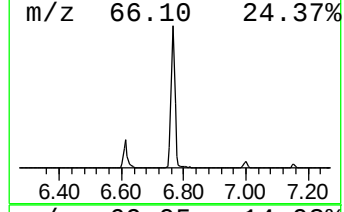
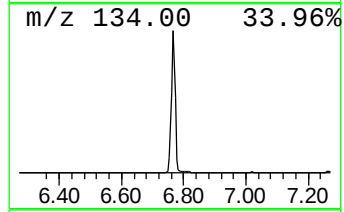
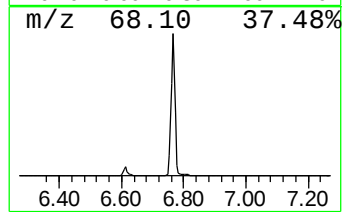
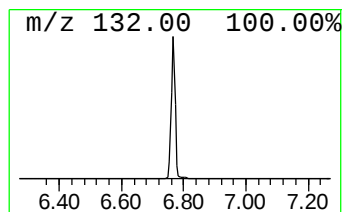
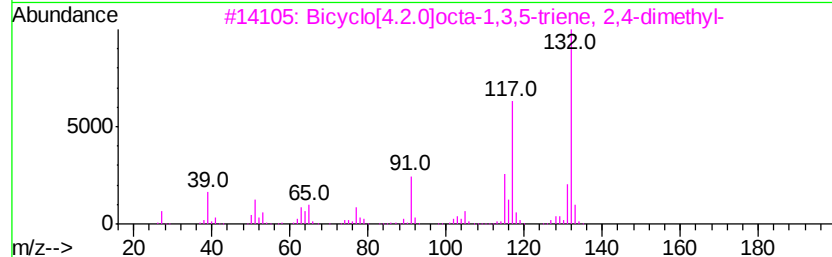
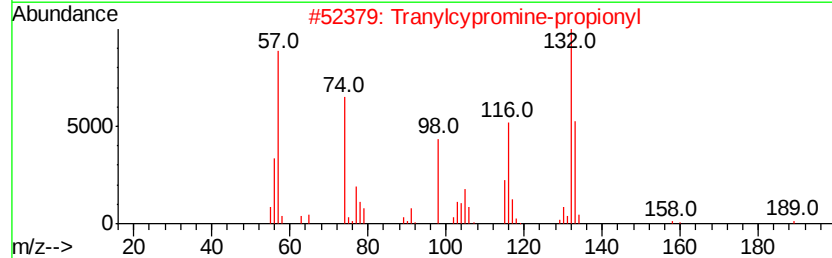
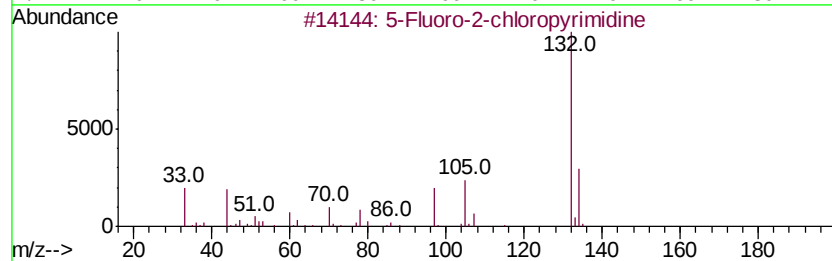
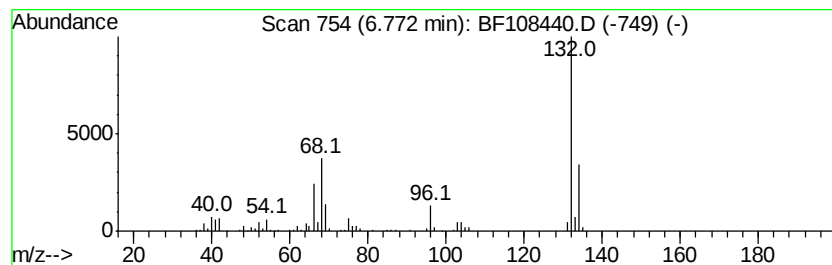
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.77 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.77	14.06 ng	585815	1,4-Dichlorobenzene-d4	7.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5		Xenon	132	Xe	007440-63-3	9



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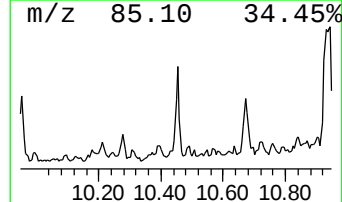
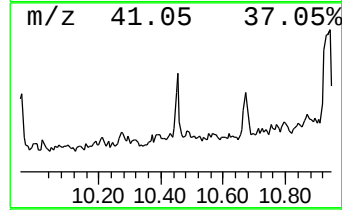
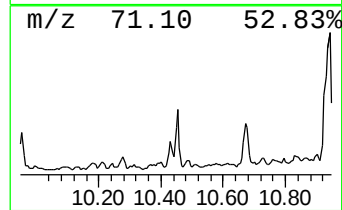
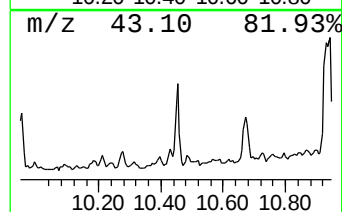
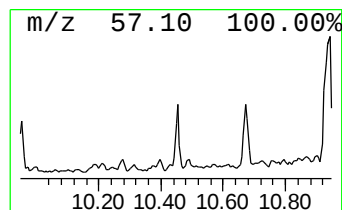
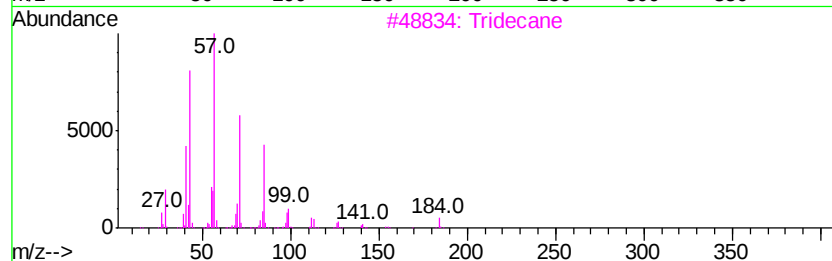
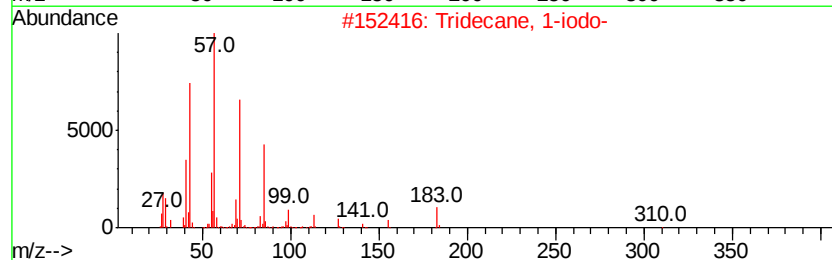
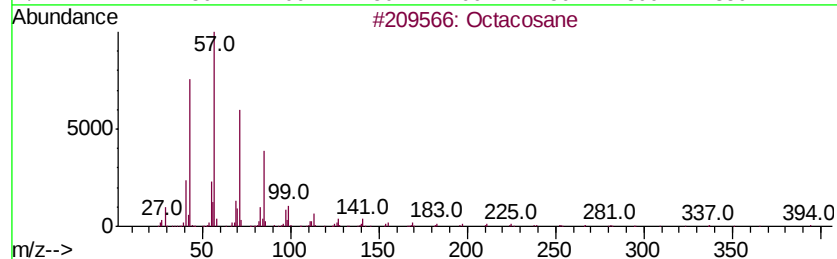
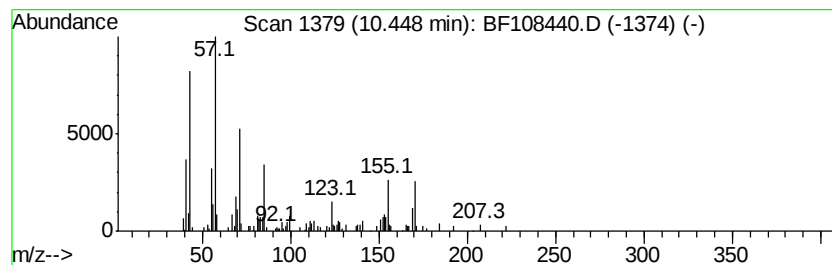
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	2.29 ng	126365	Acenaphthene-d10	10.05
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394 C28H58	000630-02-4	62
2	Tridecane, 1-iodo-	310 C13H27I	035599-77-0	58
3	Tridecane	184 C13H28	000629-50-5	58
4	Tetradecane	198 C14H30	000629-59-4	58
5	Pentadecane	212 C15H32	000629-62-9	58



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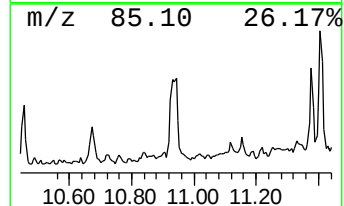
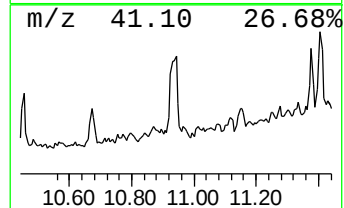
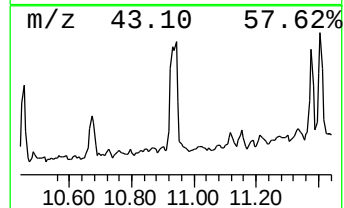
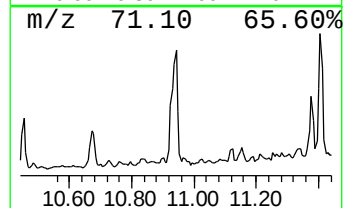
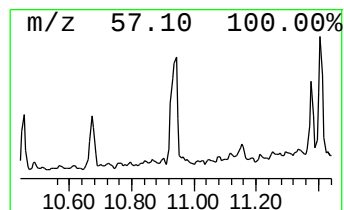
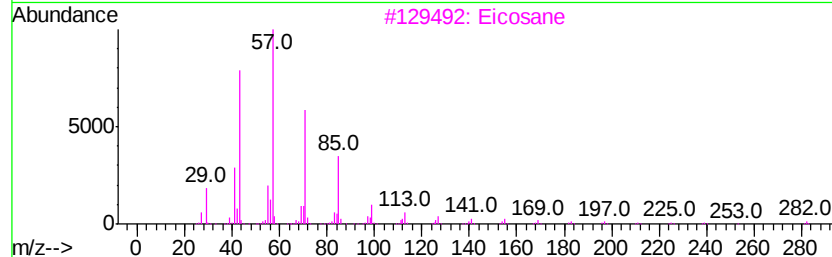
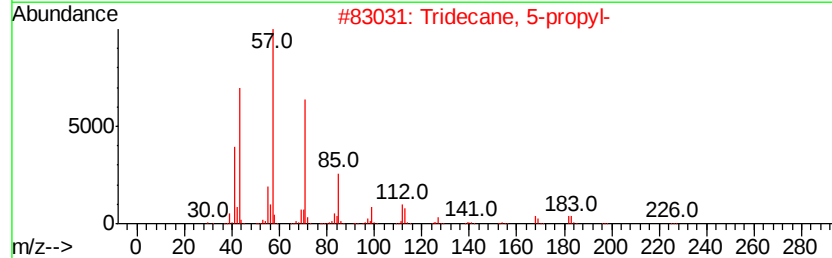
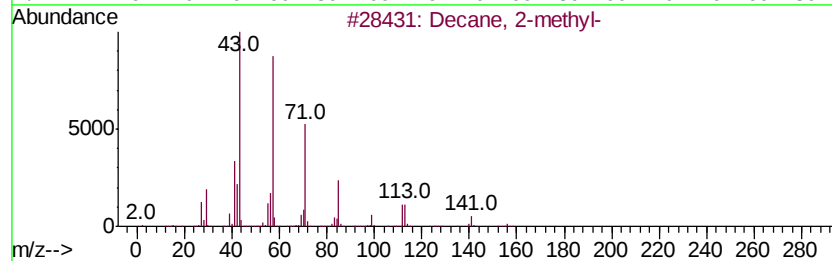
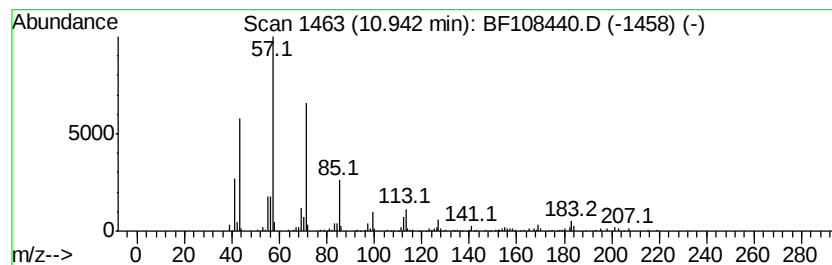
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	6.33 ng	285541	Phenanthrene-d10	11.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	86	
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86	
3	Eicosane	282	C20H42	000112-95-8	80	
4	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	64	
5	Tridecane, 7-methyl-	198	C14H30	026730-14-3	64	



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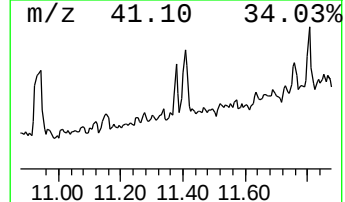
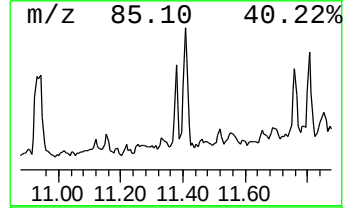
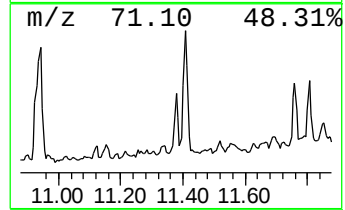
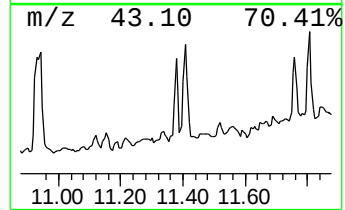
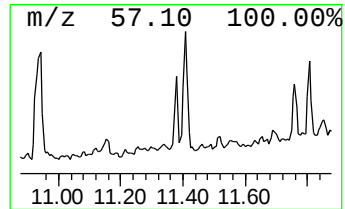
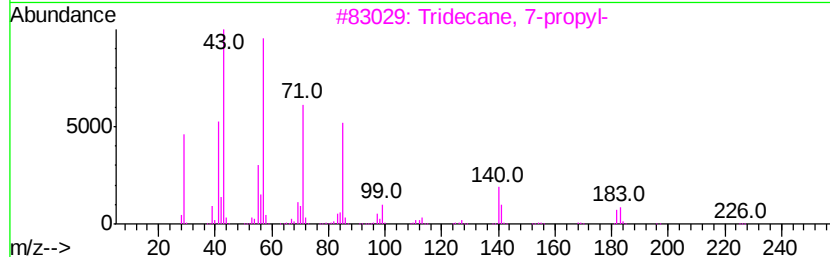
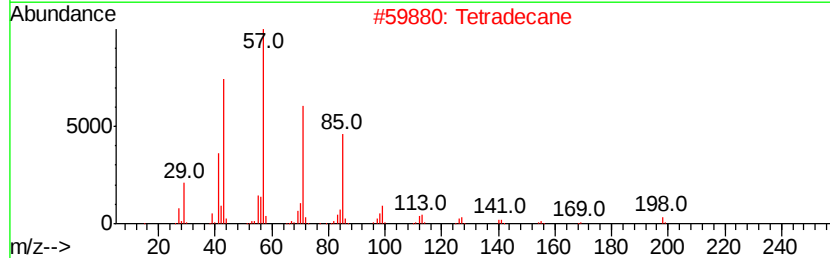
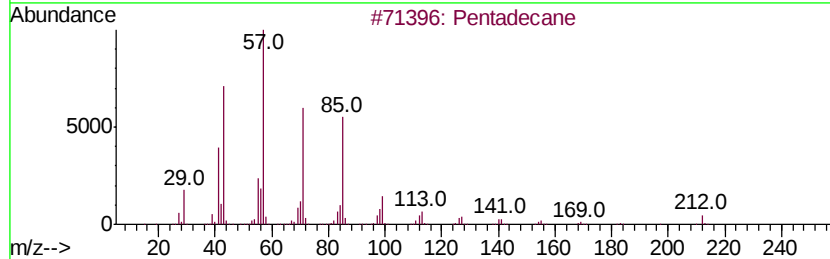
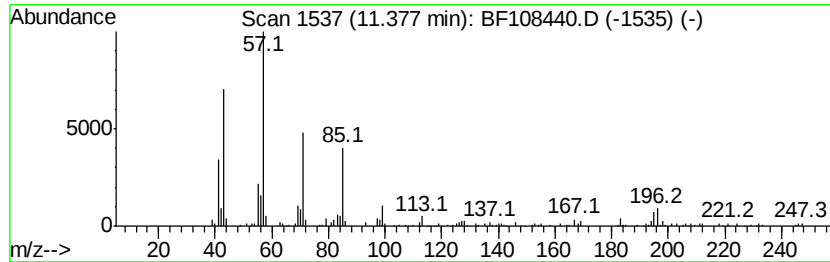
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Peak Number 5 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.38	2.04 ng	92014	Phenanthrene-d10	11.54

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	93
2	Tetradecane		198	C14H30	000629-59-4	81
3	Tridecane, 7-propyl-		226	C16H34	055045-09-5	72
4	Nonadecane		268	C19H40	000629-92-5	68
5	Nonane		128	C9H20	000111-84-2	58



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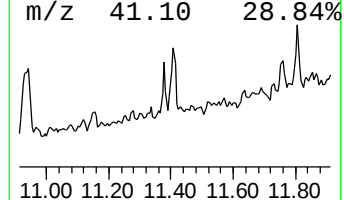
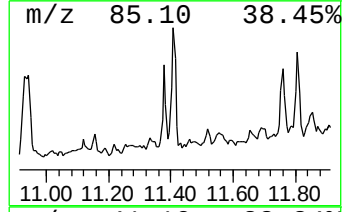
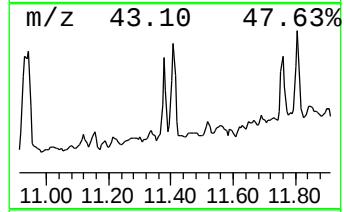
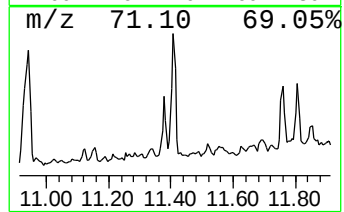
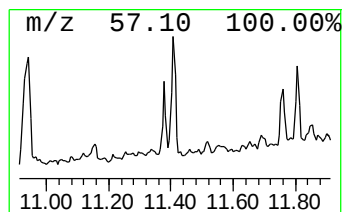
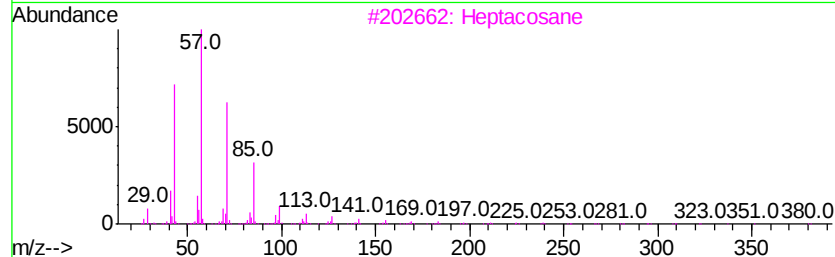
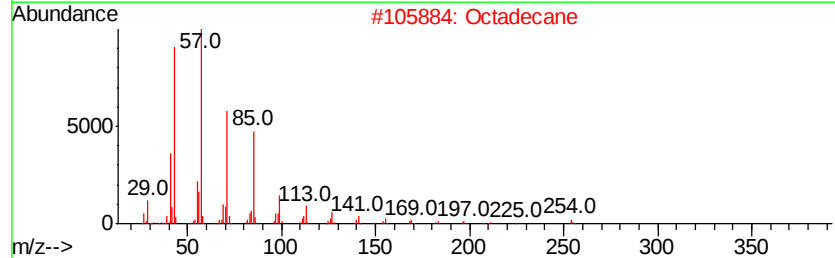
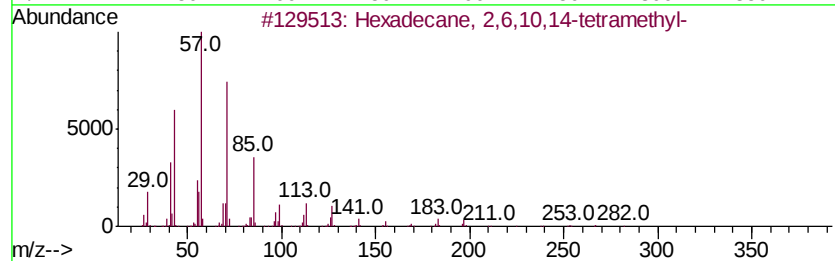
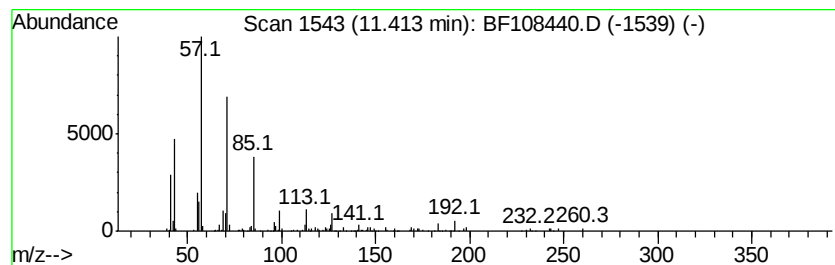
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane, 2,6,10,14-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.39 ng	152742	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		Octadecane	254	C18H38	000593-45-3	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108440.D
Acq On : 24 Aug 2018 00:10
Operator : JU/SJ
Sample : J4535-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-ESW-15-037

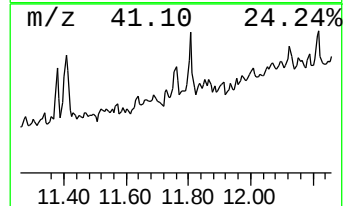
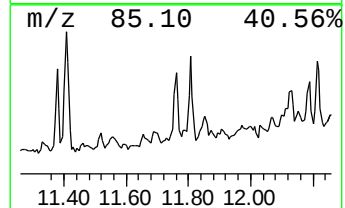
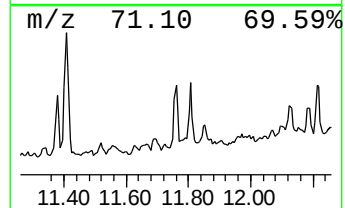
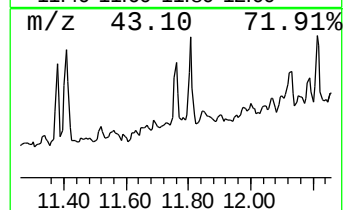
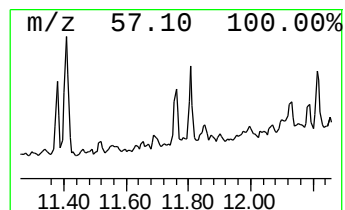
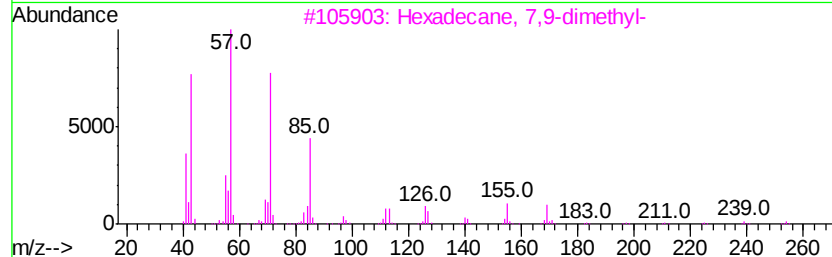
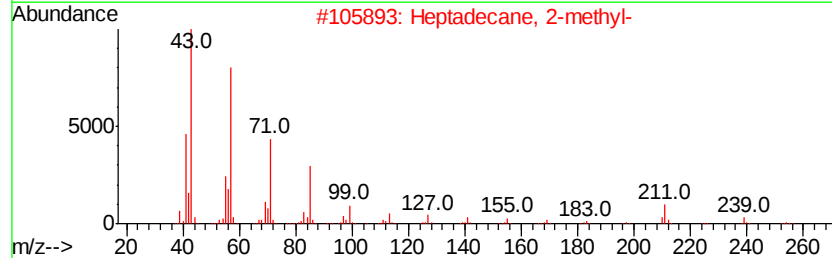
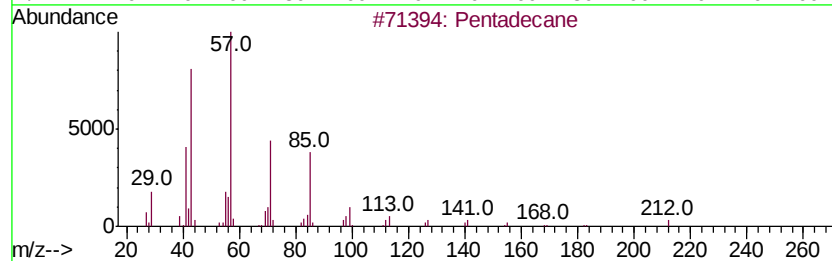
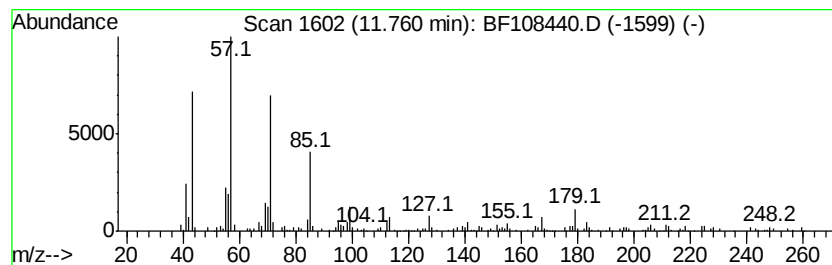
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.76	3.57 ng	160910	Phenanthrene-d10	11.54

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Heptadecane, 2-methyl-	254	C18H38	001560-89-0	91
3			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	89
4			Octadecane	254	C18H38	000593-45-3	87
5			Tridecane	184	C13H28	000629-50-5	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108440.D
Acq On : 24 Aug 2018 00:10
Operator : JU/SJ
Sample : J4535-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

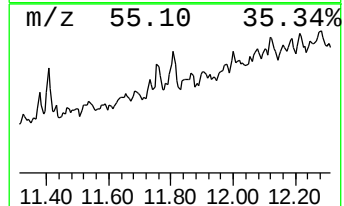
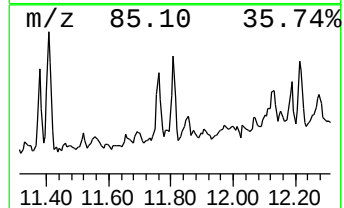
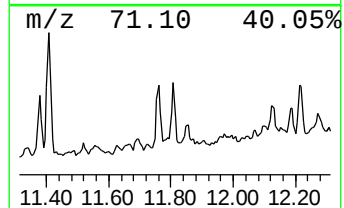
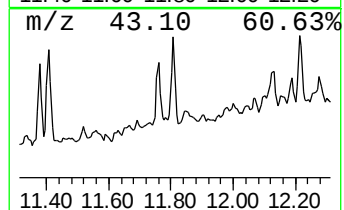
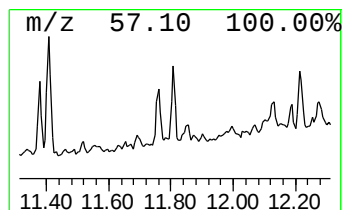
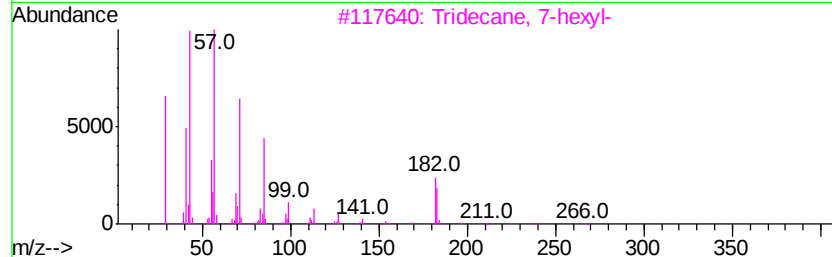
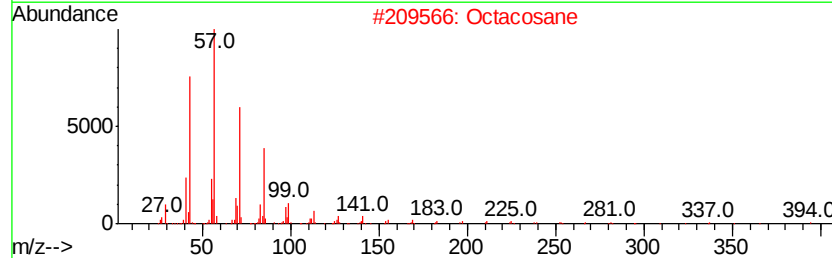
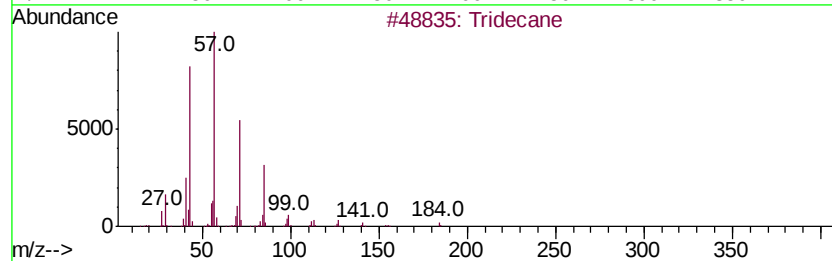
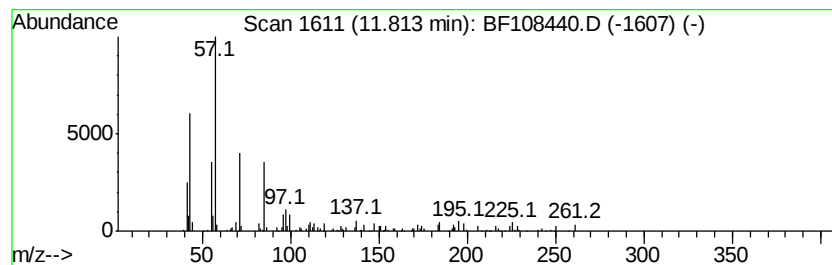
Instrument :
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ClientSampleId :
RA-081618-ESW-15-037

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

Peak Number 8 Tridecane, 7-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.81	2.97 ng	133812	Phenanthrene-d10		11.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Octacosane	394	C28H58	000630-02-4	80
3	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	72
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108440.D
Acq On : 24 Aug 2018 00:10
Operator : JU/SJ
Sample : J4535-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-081618-ESW-15-037

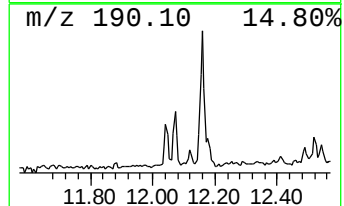
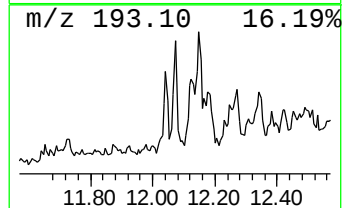
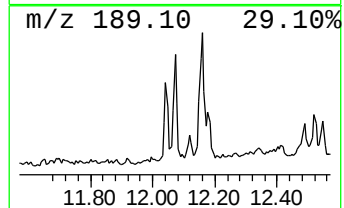
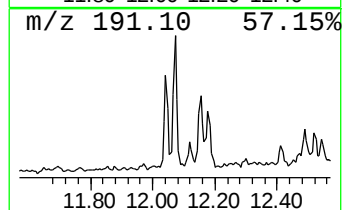
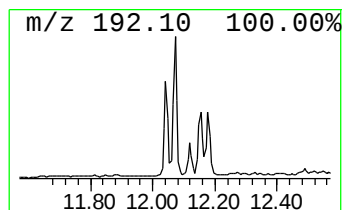
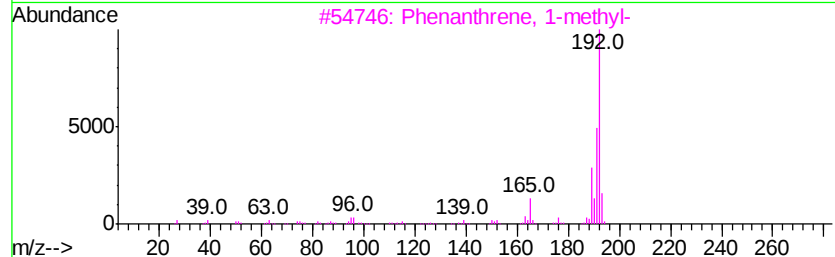
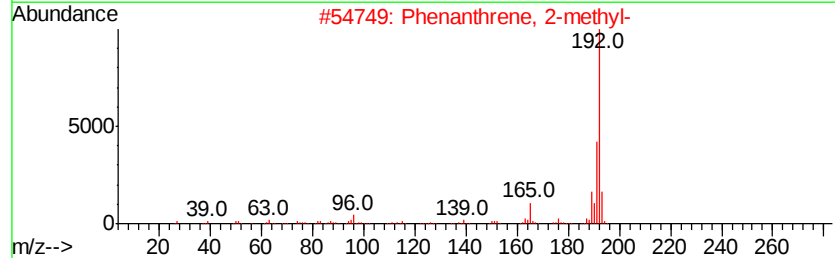
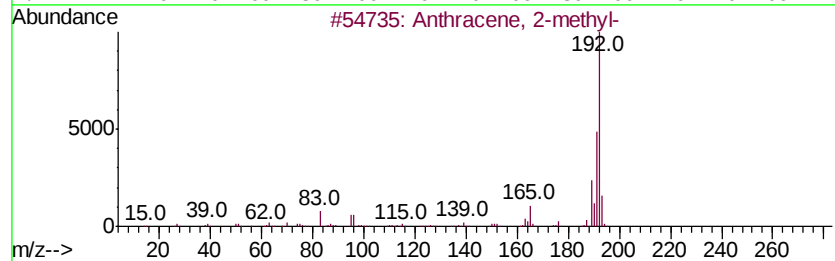
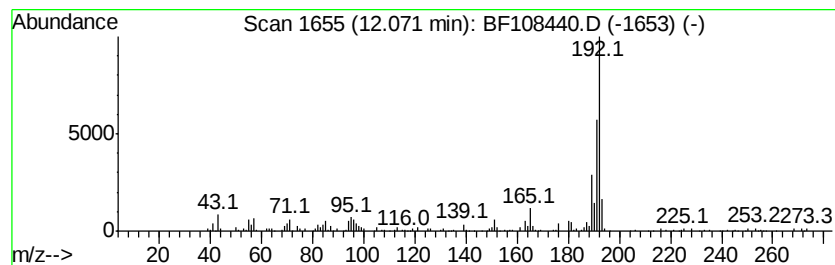
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	2.01 ng	90458	Phenanthrene-d10	11.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	92
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108440.D
Acq On : 24 Aug 2018 00:10
Operator : JU/SJ
Sample : J4535-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

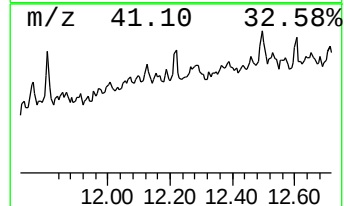
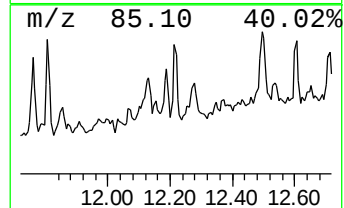
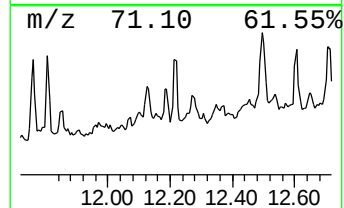
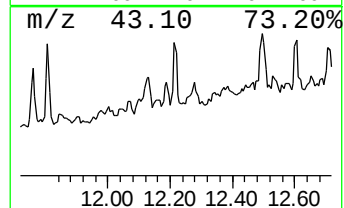
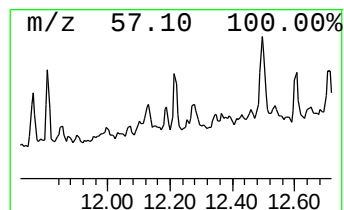
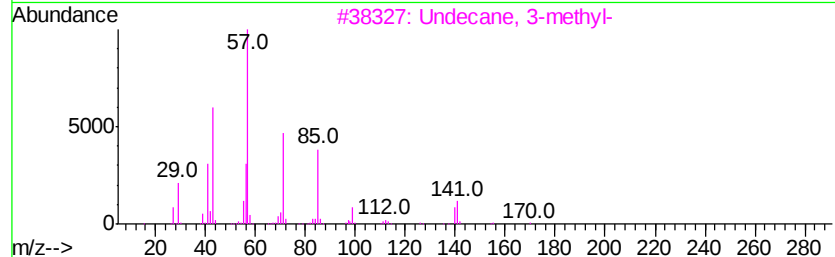
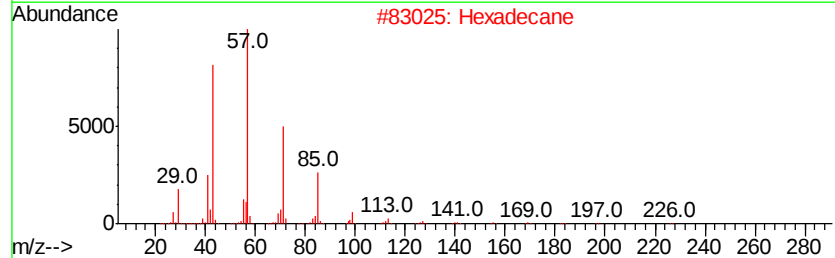
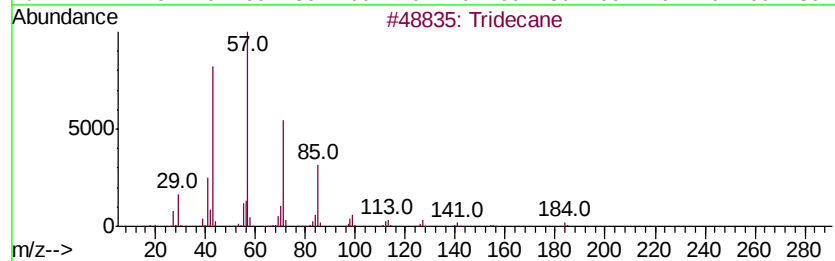
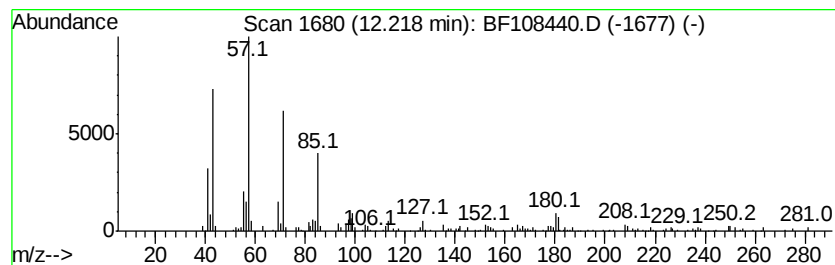
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.22	2.08 ng	93803	Phenanthrene-d10		11.54
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Hexadecane	226	C16H34	000544-76-3	90
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	72
4	Heptacosane	380	C27H56	000593-49-7	72
5	Eicosane	282	C20H42	000112-95-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF082318\
Data File : BF108440.D
Acq On : 24 Aug 2018 00:10
Operator : JU/SJ
Sample : J4535-05 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RA-081618-ESW-15-037

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
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Octacosane	10.45	2.3	ng	126365	3	10.05	1105580	20.0
Decane, 2-methyl-	10.94	6.3	ng	285541	4	11.54	901637	20.0
Pentadecane	11.38	2.0	ng	92014	4	11.54	901637	20.0
Hexadecane, 2,6,1...	11.41	3.4	ng	152742	4	11.54	901637	20.0
Heptadecane, 2-me...	11.76	3.6	ng	160910	4	11.54	901637	20.0
Tridecane, 7-hexyl-	11.81	3.0	ng	133812	4	11.54	901637	20.0
Anthracene, 2-met...	12.07	2.0	ng	90458	4	11.54	901637	20.0
Tridecane	12.22	2.1	ng	93803	4	11.54	901637	20.0