

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098553.D
 Acq On : 15 Sep 2017 3:04
 Operator : SJ/JU
 Sample : I5218-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-091217

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	4.810	460	463	472	rBV	55682	68225	2.01%	0.250%
2	5.251	534	538	553	rBV	495226	592252	17.43%	2.172%
3	6.298	712	716	730	rBV	488475	584225	17.19%	2.142%
4	6.416	733	736	743	rVB	619297	598648	17.61%	2.195%
5	6.645	772	775	784	rBV	913870	770486	22.67%	2.825%
6	6.804	798	802	810	rVB	457787	445383	13.10%	1.633%
7	7.216	868	872	876	rBV	335834	319381	9.40%	1.171%
8	7.934	988	994	1000	rBV	995469	973669	28.65%	3.570%
9	8.528	1091	1095	1098	rBV	78468	72450	2.13%	0.266%
10	8.751	1126	1133	1140	rBV6	29438	47623	1.40%	0.175%
11	9.004	1173	1176	1181	rBV	670516	520864	15.33%	1.910%
12	9.092	1186	1191	1196	rBV	99589	104668	3.08%	0.384%
13	9.281	1215	1223	1225	rBV7	22159	35032	1.03%	0.128%
14	9.404	1240	1244	1247	rBV2	98505	90024	2.65%	0.330%
15	9.545	1265	1268	1272	rVB	49883	46192	1.36%	0.169%
16	9.616	1278	1280	1284	rVB	116706	92909	2.73%	0.341%
17	9.680	1284	1291	1294	rBV	1014563	864934	25.45%	3.172%
18	9.710	1294	1296	1300	rVB	95542	83961	2.47%	0.308%
19	9.845	1315	1319	1323	rBV6	18127	38596	1.14%	0.142%
20	9.886	1323	1326	1331	rVB	91924	87590	2.58%	0.321%
21	10.116	1362	1365	1368	rBV	132146	101455	2.99%	0.372%
22	10.227	1380	1384	1390	rBV	119641	117505	3.46%	0.431%
23	10.333	1397	1402	1405	rBV2	48366	64142	1.89%	0.235%
24	10.386	1408	1411	1414	rVB	48272	46155	1.36%	0.169%
25	10.469	1419	1425	1430	rBV	318162	307812	9.06%	1.129%
26	10.586	1442	1445	1453	rBV	140188	156185	4.60%	0.573%
27	10.975	1508	1511	1514	rVV	90224	80528	2.37%	0.295%
28	11.033	1518	1521	1523	rVV	116321	98541	2.90%	0.361%
29	11.057	1523	1525	1531	rVB2	105125	110469	3.25%	0.405%
30	11.163	1539	1543	1545	rBV	919453	823937	24.24%	3.021%
31	11.186	1545	1547	1550	rVV	1322133	1009468	29.70%	3.702%
32	11.239	1550	1556	1559	rVB	247480	248360	7.31%	0.911%
33	11.380	1576	1580	1581	rBV	79025	68693	2.02%	0.252%
34	11.398	1581	1583	1590	rVV	116330	116195	3.42%	0.426%

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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

35	11.457	1590	1593	1596	rVV	118675	99141	2.92%	0.364%
36	11.504	1596	1601	1604	rVB4	33233	52773	1.55%	0.194%
37	11.563	1607	1611	1614	rBV	1202705	1009827	29.71%	3.703%
38	11.663	1625	1628	1630	rBV	134949	114822	3.38%	0.421%
39	11.692	1630	1633	1636	rVB	168968	145076	4.27%	0.532%
40	11.739	1636	1641	1644	rBV	48242	55124	1.62%	0.202%
41	11.774	1644	1647	1649	rVV	186070	186433	5.49%	0.684%
42	11.798	1649	1651	1655	rVB	85645	73856	2.17%	0.271%
43	11.863	1656	1662	1666	rBV2	80767	107835	3.17%	0.395%
44	11.957	1675	1678	1681	rBV	125154	109730	3.23%	0.402%
45	11.992	1681	1684	1687	rVB	98569	84883	2.50%	0.311%
46	12.104	1698	1703	1706	rBV4	28388	48314	1.42%	0.177%
47	12.210	1718	1721	1723	rBV	72060	64016	1.88%	0.235%
48	12.245	1723	1727	1729	rBV	3535085	3398730	100.00%	12.463%
49	12.269	1729	1731	1734	rVB	2810364	2123437	62.48%	7.787%
50	12.351	1742	1745	1746	rBV	548846	419522	12.34%	1.538%
51	12.374	1746	1749	1752	rVV	1351478	1199852	35.30%	4.400%
52	12.439	1754	1760	1762	rBV2	55737	78464	2.31%	0.288%
53	12.521	1771	1774	1777	rBV2	47919	49998	1.47%	0.183%
54	12.598	1781	1787	1790	rBV	1171545	1254351	36.91%	4.600%
55	12.651	1794	1796	1800	rVB2	57285	63503	1.87%	0.233%
56	12.739	1805	1811	1818	rBV2	543460	618538	18.20%	2.268%
57	12.821	1820	1825	1828	rBV3	71517	115637	3.40%	0.424%
58	12.857	1828	1831	1833	rVB	43070	36239	1.07%	0.133%
59	12.904	1836	1839	1841	rBV3	106865	125991	3.71%	0.462%
60	12.927	1841	1843	1849	rVV	120808	129762	3.82%	0.476%
61	12.980	1849	1852	1853	rVV	65923	64710	1.90%	0.237%
62	13.033	1857	1861	1865	rVB2	89042	103105	3.03%	0.378%
63	13.074	1865	1868	1872	rBV2	51187	62324	1.83%	0.229%
64	13.121	1874	1876	1879	rVB	48710	43121	1.27%	0.158%
65	13.151	1879	1881	1884	rBV2	64870	68434	2.01%	0.251%
66	13.321	1907	1910	1913	rVB2	58946	53457	1.57%	0.196%
67	13.439	1927	1930	1933	rBV	153247	141808	4.17%	0.520%
68	13.545	1945	1948	1950	rBV	111231	88458	2.60%	0.324%
69	13.568	1950	1952	1955	rVB	69828	53949	1.59%	0.198%
70	13.598	1955	1957	1958	rBV	59418	44645	1.31%	0.164%
71	13.645	1963	1965	1968	rVB	176200	164080	4.83%	0.602%

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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

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Peak separation: 5

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	13.739	1979	1981	1984	rBV2	47600	36237	1.07%	0.133%
73	13.798	1986	1991	1993	rVV2	1162714	1474541	43.39%	5.407%
74	13.821	1993	1995	2003	rVB	539933	467122	13.74%	1.713%
75	13.898	2006	2008	2011	rVB	67759	59117	1.74%	0.217%
76	13.963	2014	2019	2022	rBV6	93002	152882	4.50%	0.561%
77	14.180	2054	2056	2059	rVB	87776	79092	2.33%	0.290%
78	14.563	2118	2121	2124	rBV	87138	113739	3.35%	0.417%
79	14.804	2158	2162	2170	rVB	434139	728729	21.44%	2.672%
80	15.080	2206	2209	2214	rVB	250940	259299	7.63%	0.951%
81	15.139	2215	2219	2224	rVV	322169	399673	11.76%	1.466%
82	15.198	2225	2229	2243	rVB2	703721	1059324	31.17%	3.885%

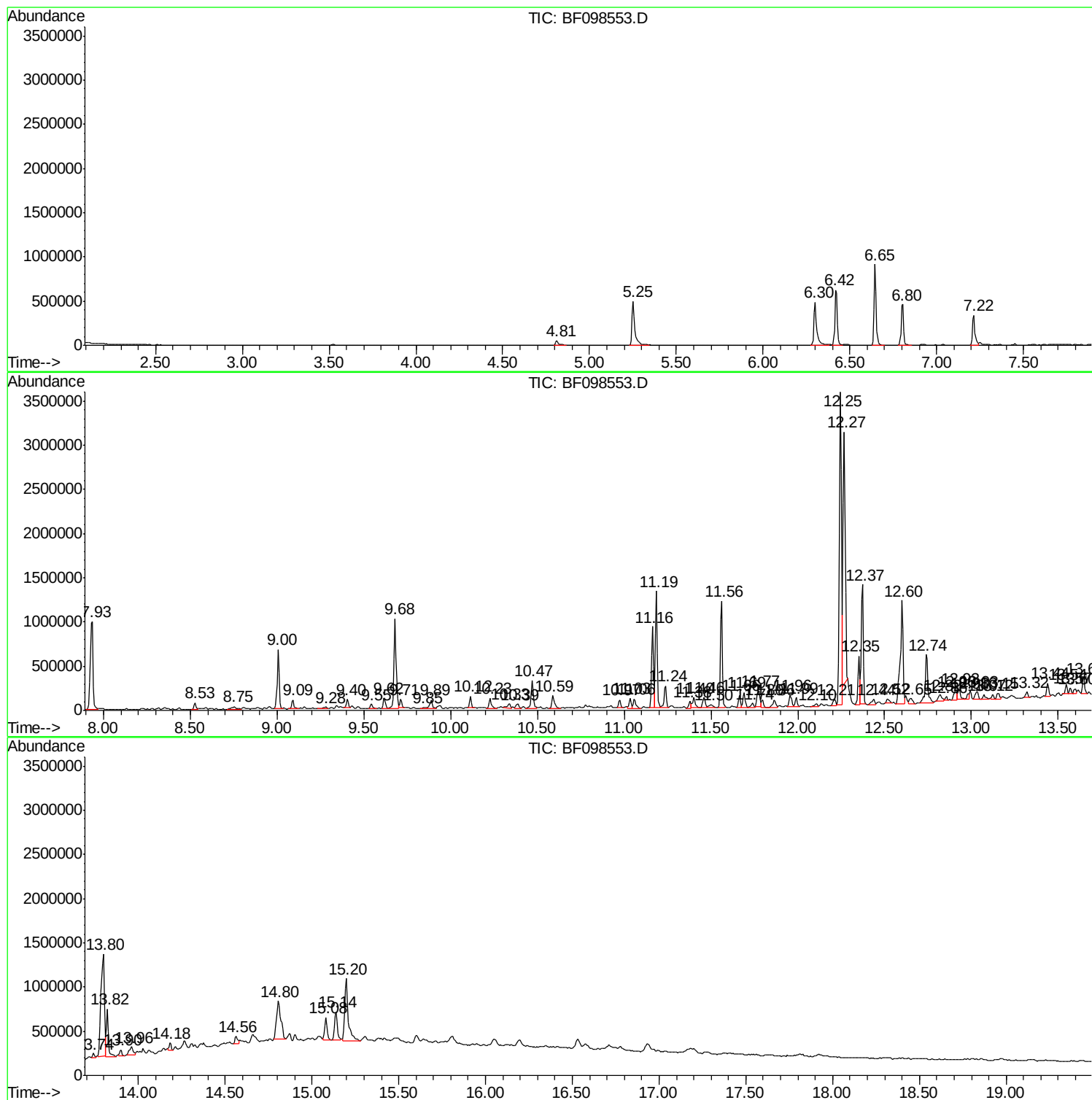
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : I5218-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
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SU-02-091217

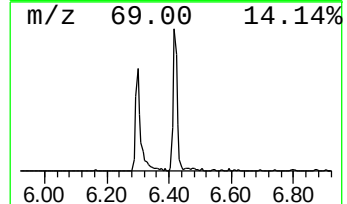
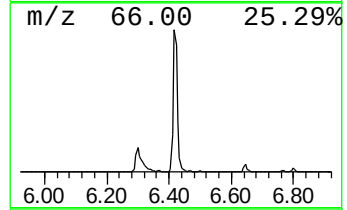
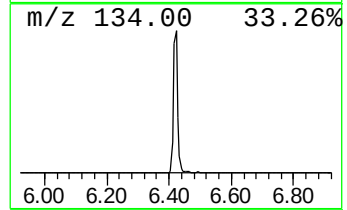
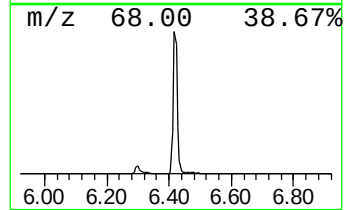
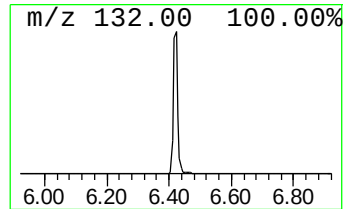
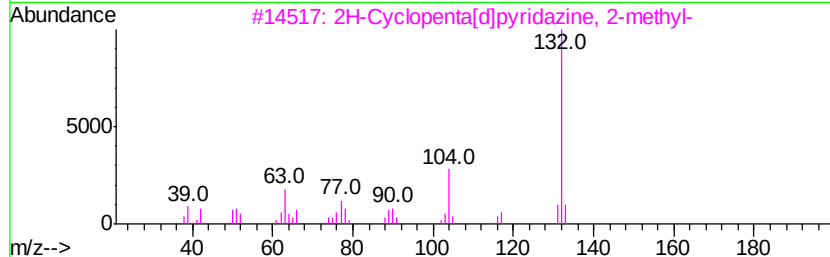
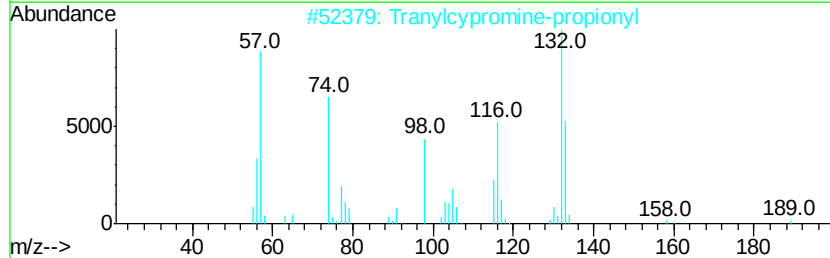
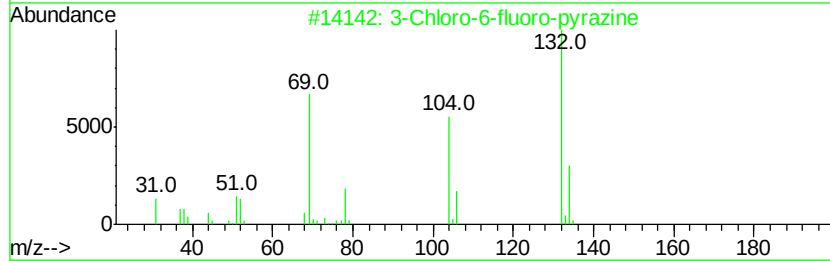
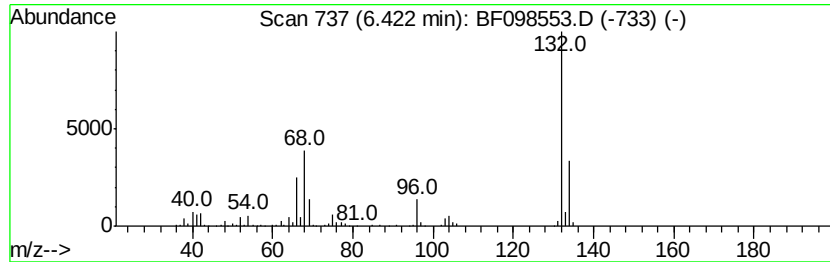
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.42 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	15.54 ng	598648	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	27
2			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
4			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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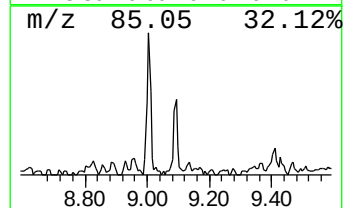
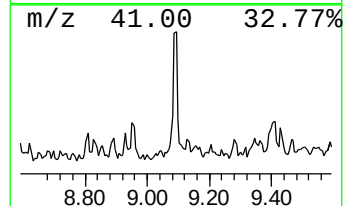
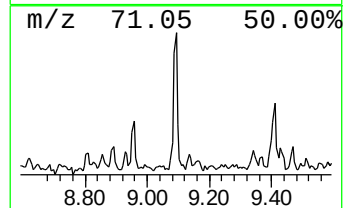
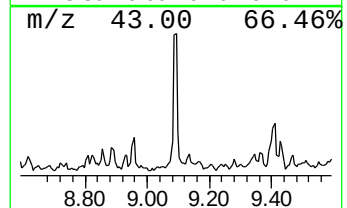
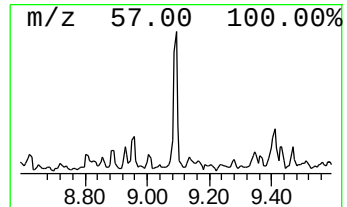
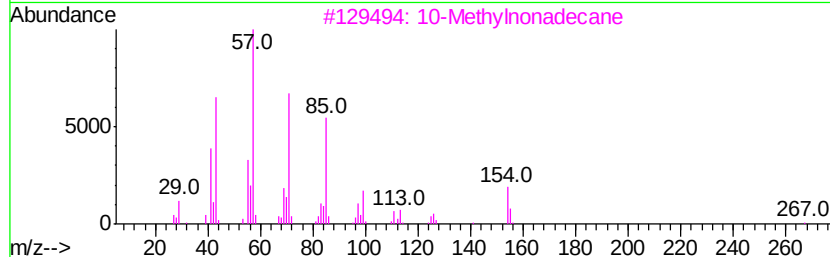
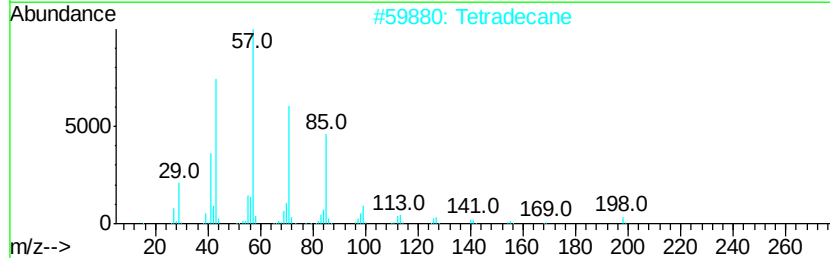
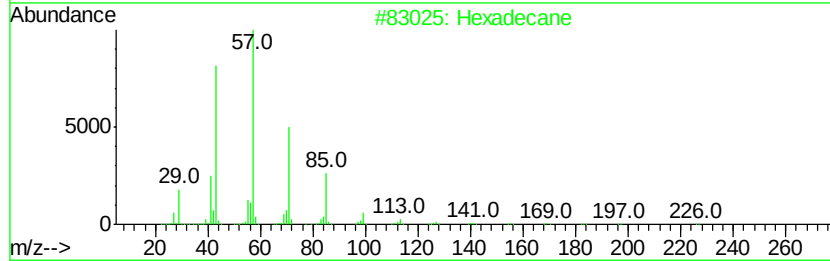
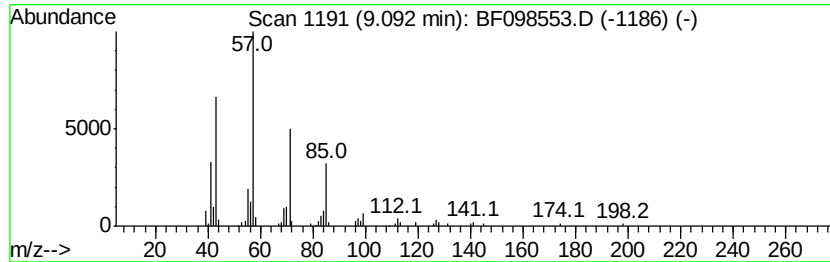
Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.09	2.42 ng	104668	Acenaphthene-d10		9.68		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	86
2			Tetradecane	198	C14H30	000629-59-4	80
3			10-Methylnonadecane	282	C20H42	056862-62-5	80
4			Nonadecane	268	C19H40	000629-92-5	80
5			Heptacosane	380	C27H56	000593-49-7	78



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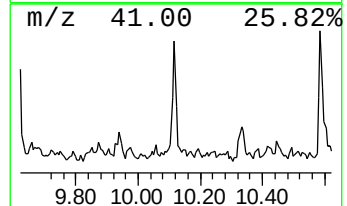
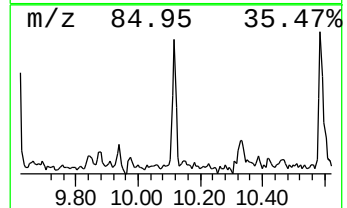
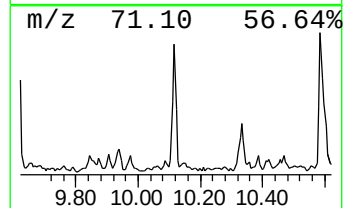
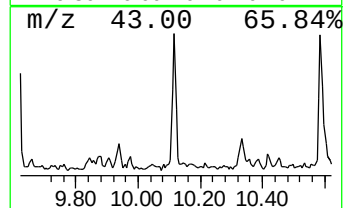
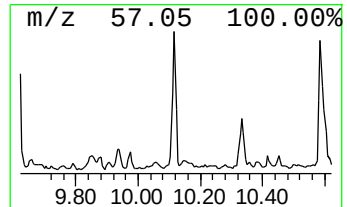
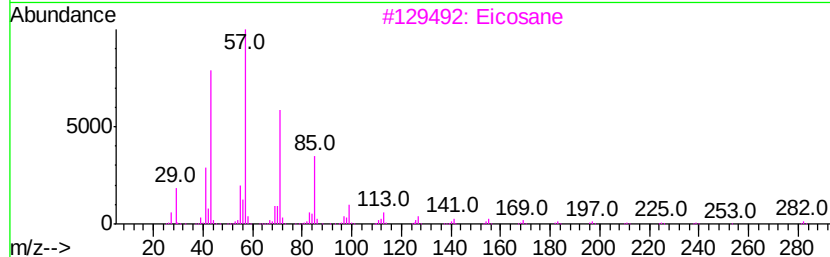
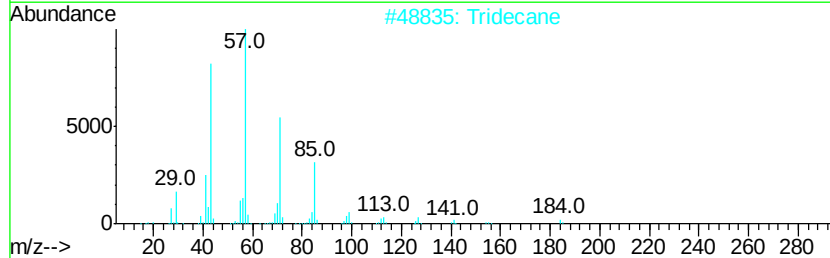
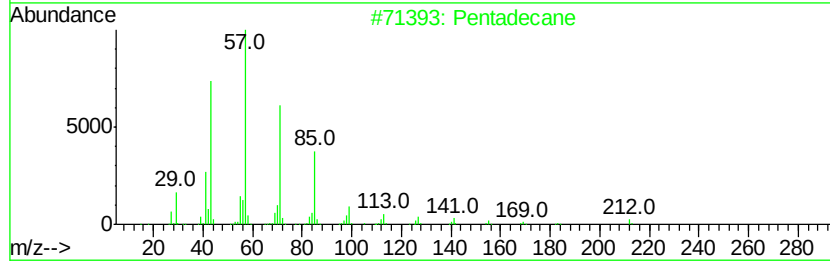
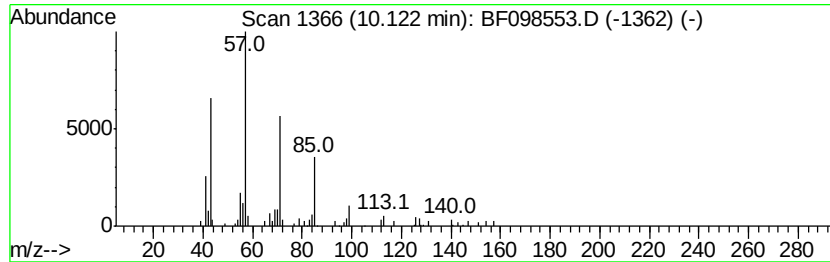
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pentadecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	2.35 ng	101455	Acenaphthene-d10	9.68
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	90
2	Tridecane	184 C13H28	000629-50-5	90
3	Eicosane	282 C20H42	000112-95-8	86
4	Hexadecane	226 C16H34	000544-76-3	86
5	Tridecane, 2-methyl-	198 C14H30	001560-96-9	72



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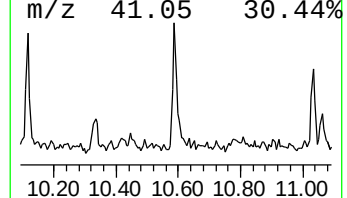
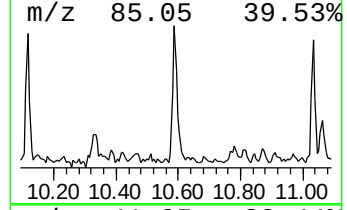
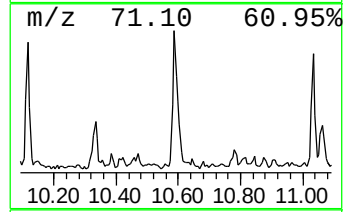
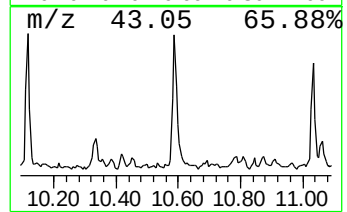
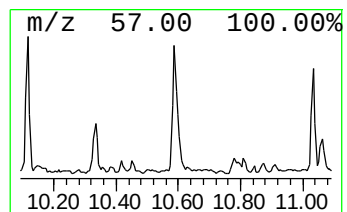
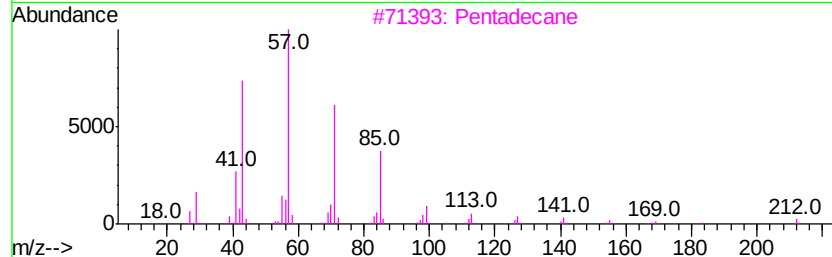
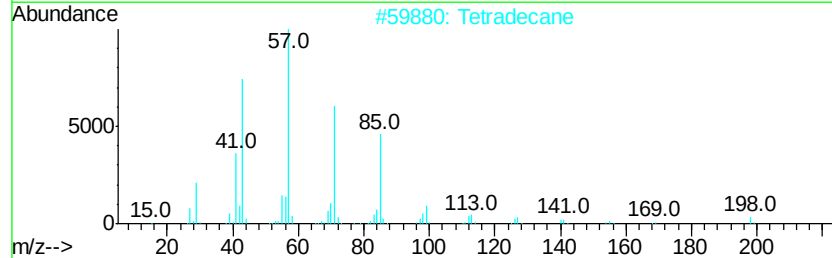
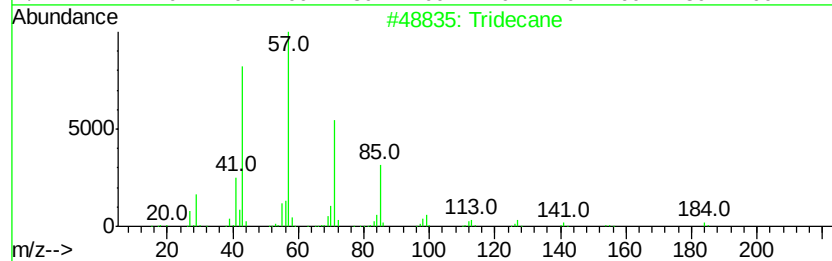
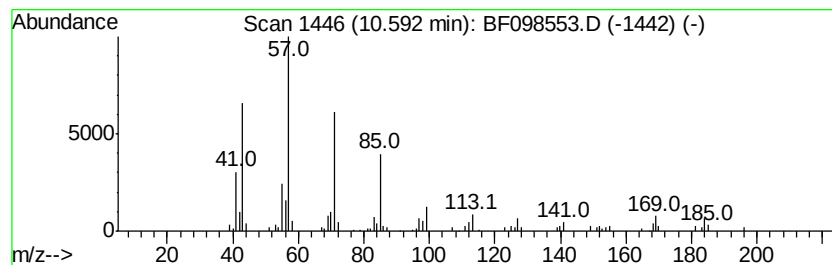
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 6 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	3.79 ng	156185	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	94
2		Tetradecane	198	C14H30	000629-59-4	87
3		Pentadecane	212	C15H32	000629-62-9	87
4		Heptacosane	380	C27H56	000593-49-7	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
Acq On : 15 Sep 2017 3:04
Operator : SJ/JU
Sample : I5218-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-091217

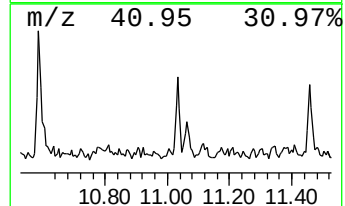
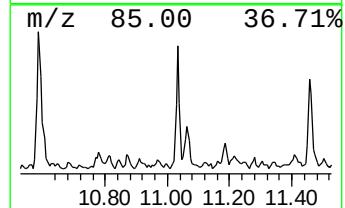
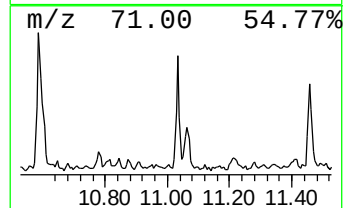
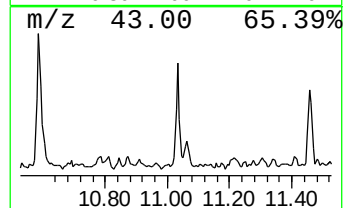
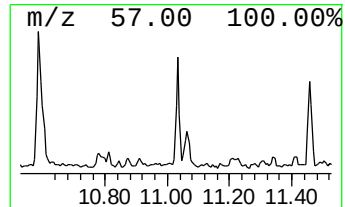
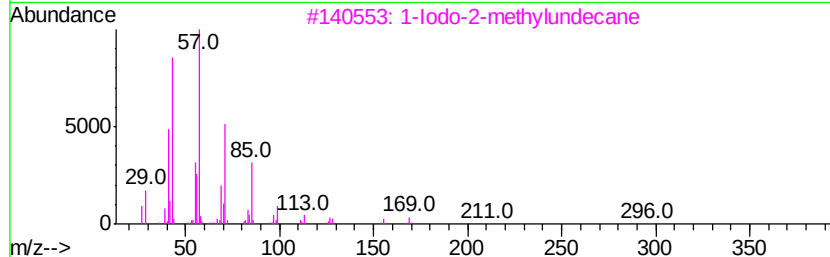
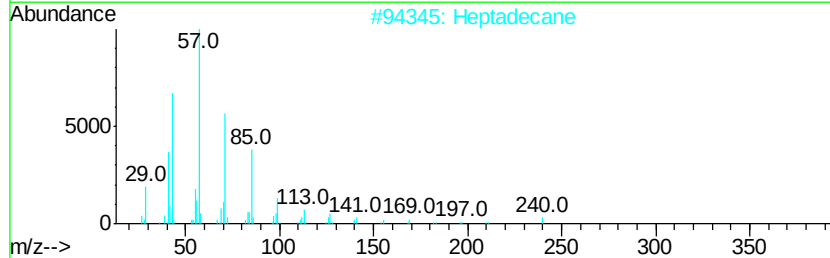
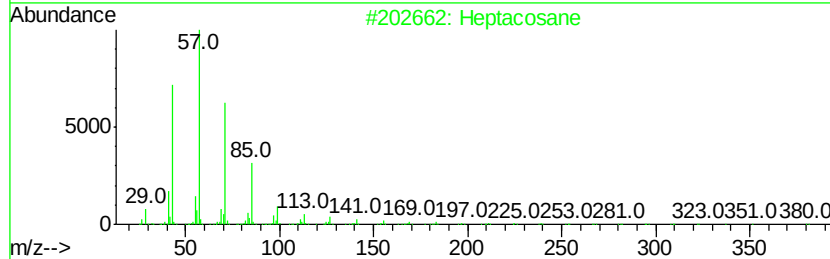
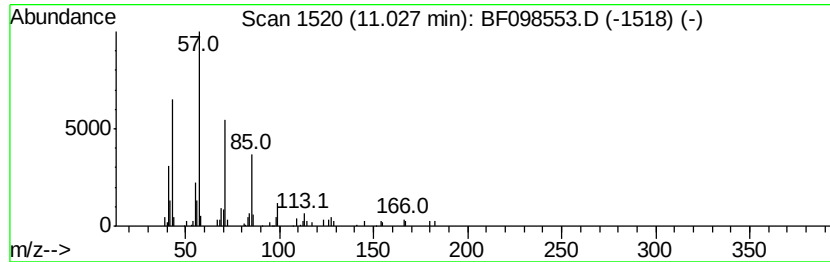
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	2.39 ng	98541	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		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	90
4		Tetracosane	338	C24H50	000646-31-1	90
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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Sample : I5218-01 5X
Misc :
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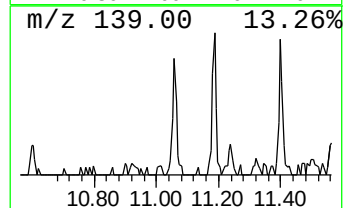
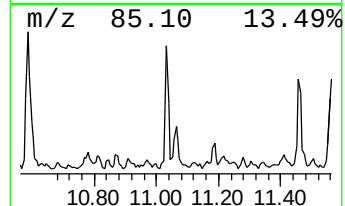
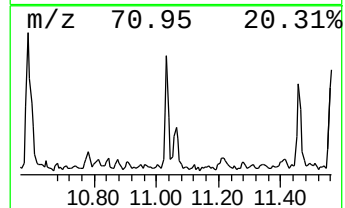
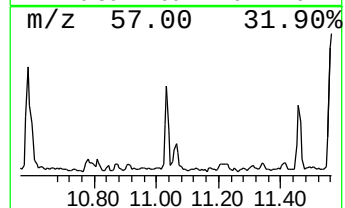
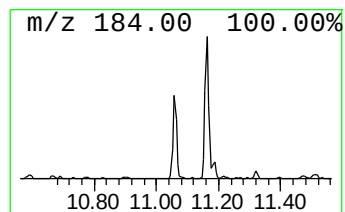
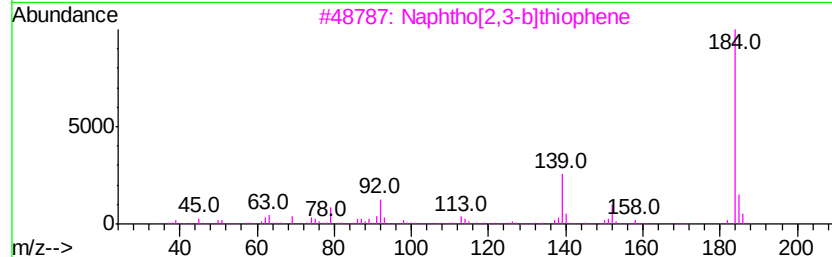
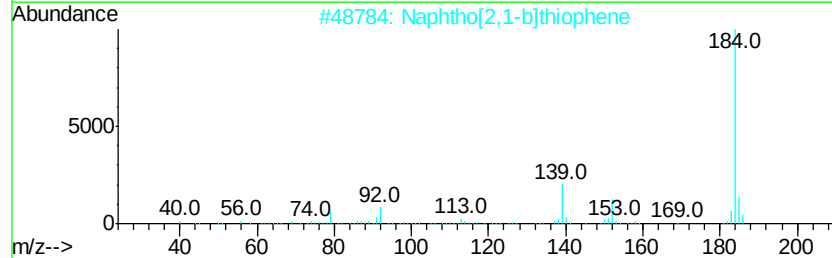
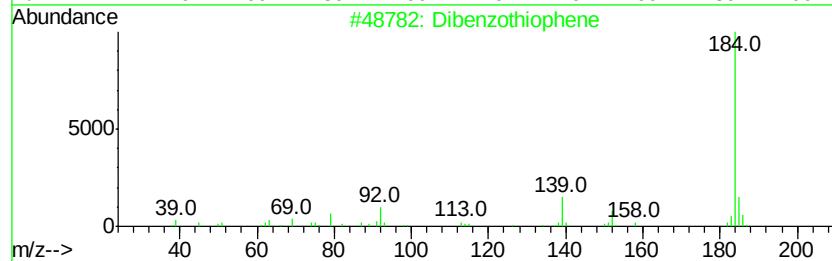
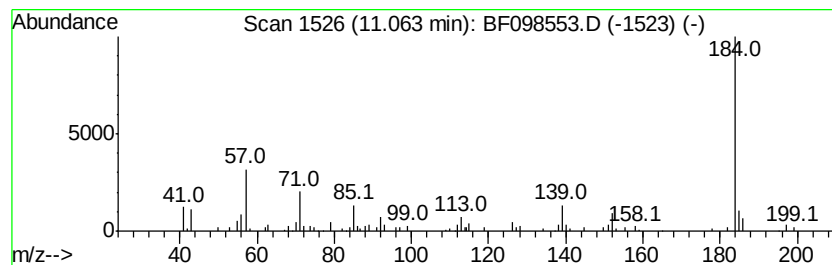
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.06	2.68 ng	110469	Phenanthrene-d10		11.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
Acq On : 15 Sep 2017 3:04
Operator : SJ/JU
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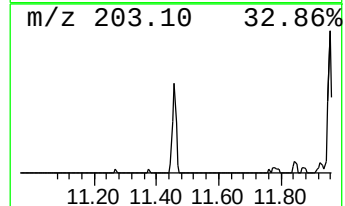
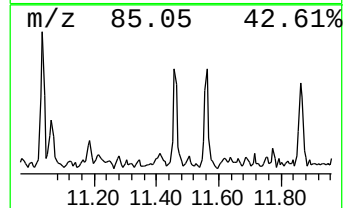
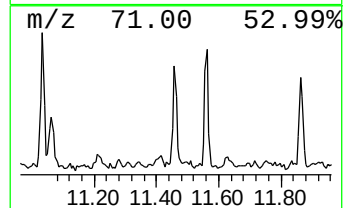
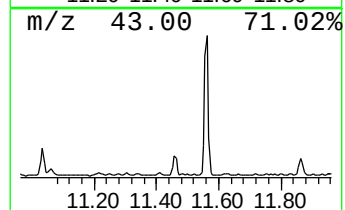
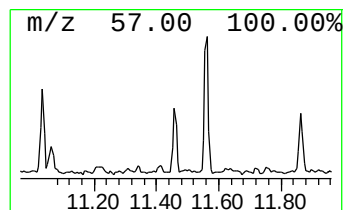
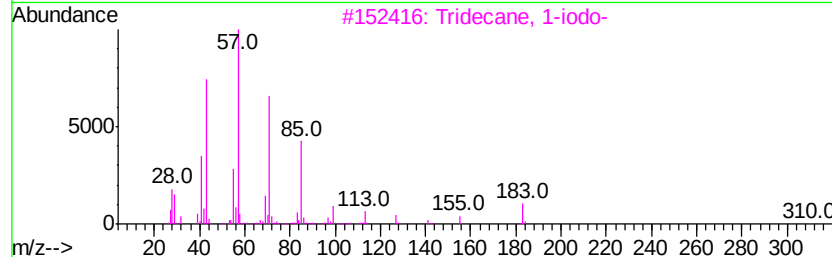
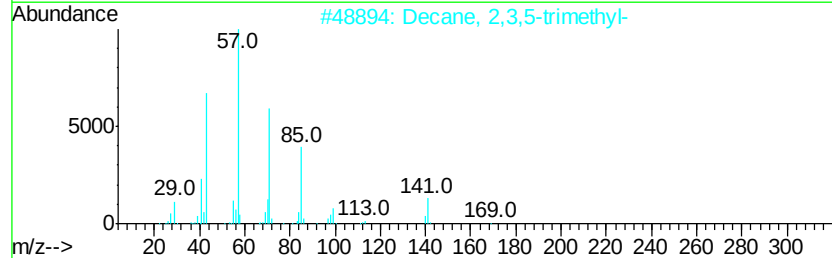
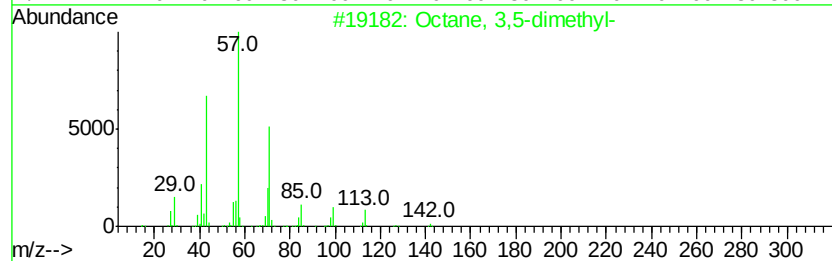
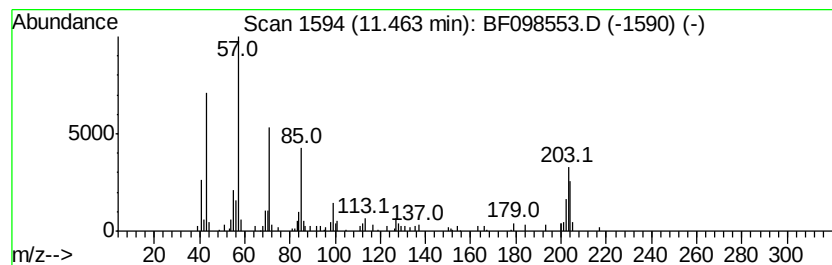
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Octane, 3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	2.41 ng	99141	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	30
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	30
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	30
5		Tetradecane	198	C14H30	000629-59-4	30



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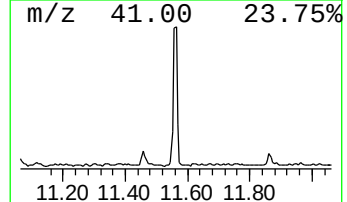
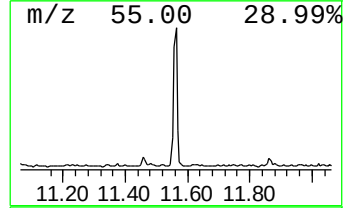
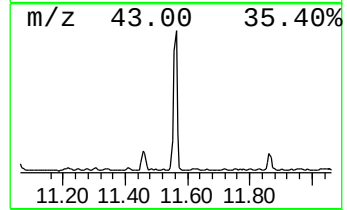
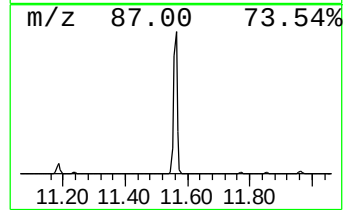
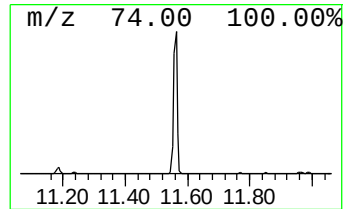
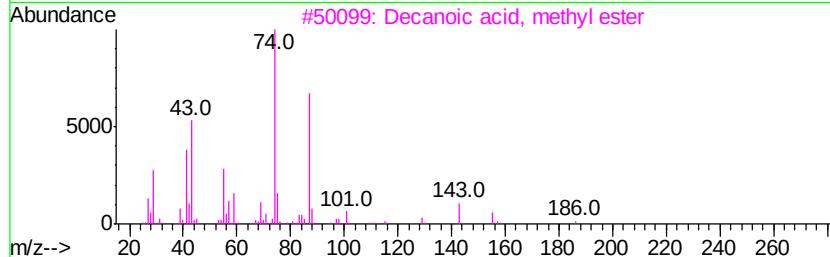
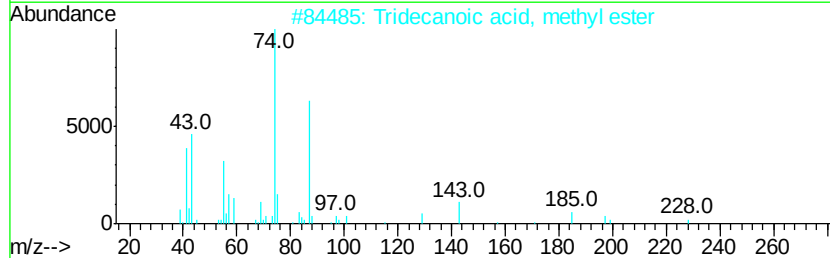
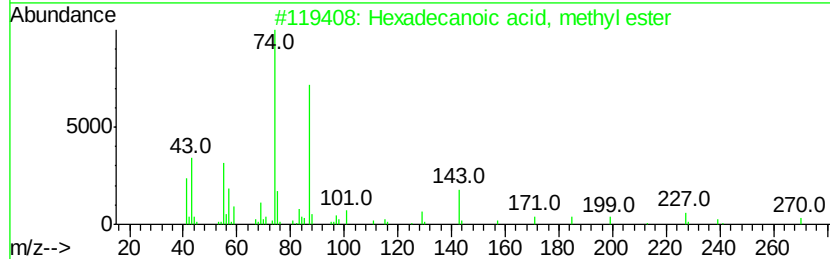
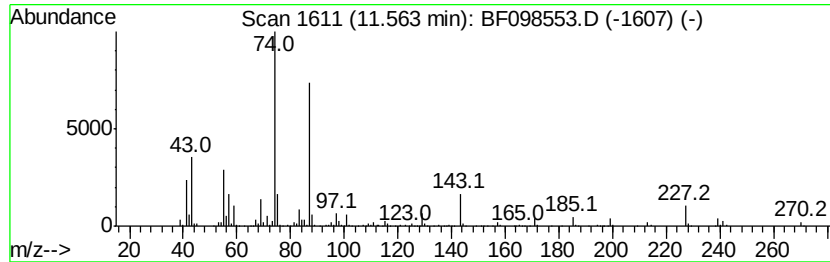
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	24.51 ng	1009830	Phenanthrene-d10	11.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	83



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
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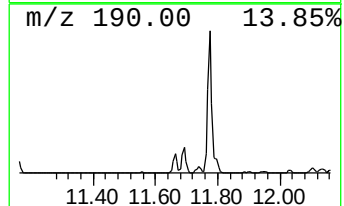
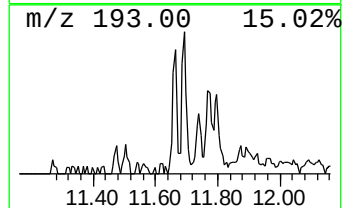
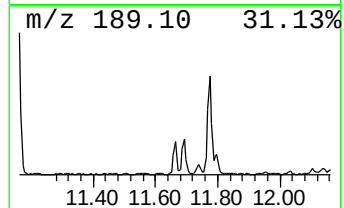
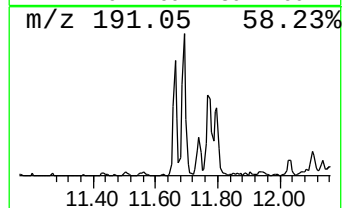
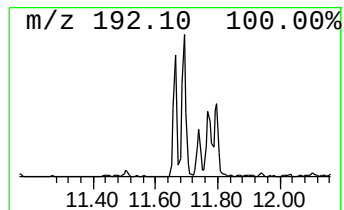
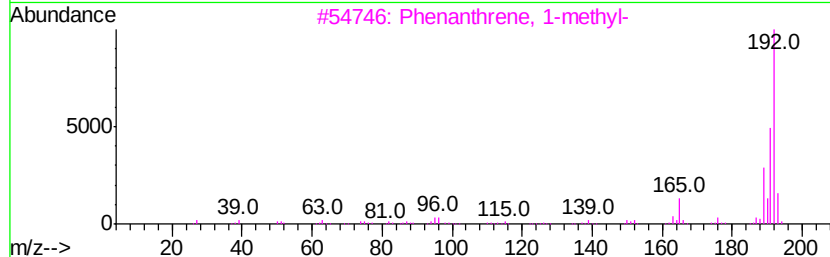
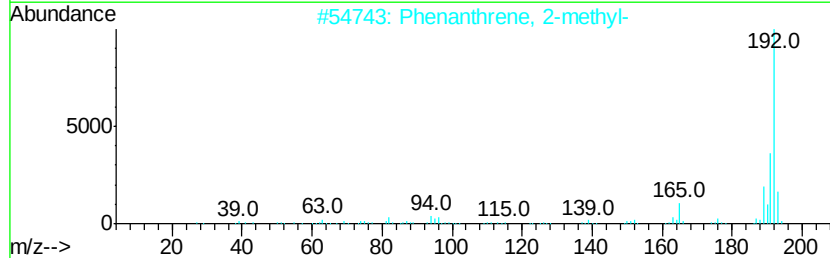
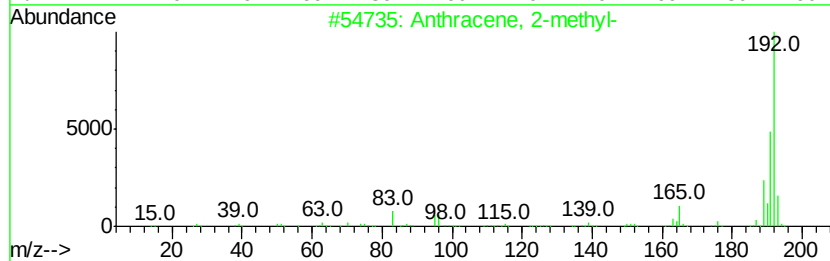
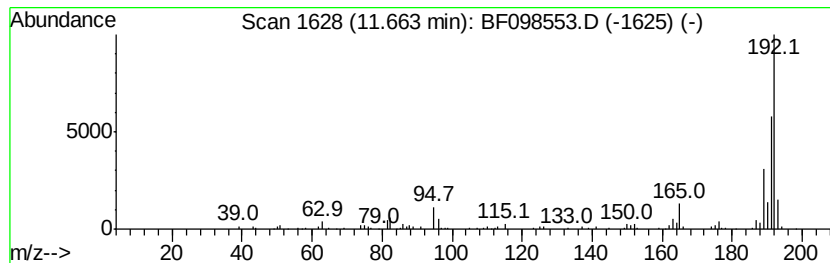
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	2.79 ng	114822	Phenanthrene-d10	11.16

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	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



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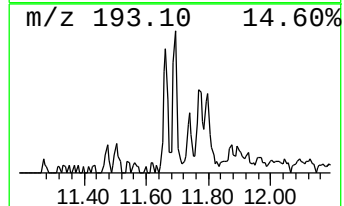
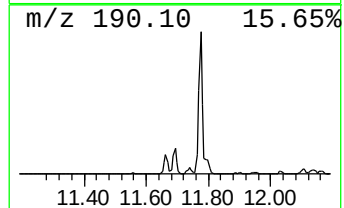
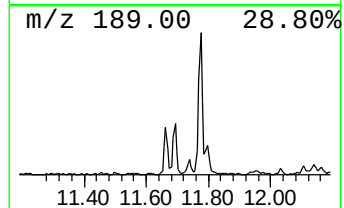
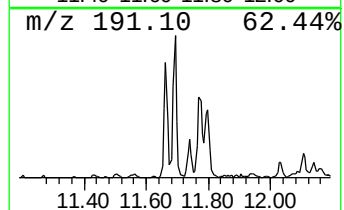
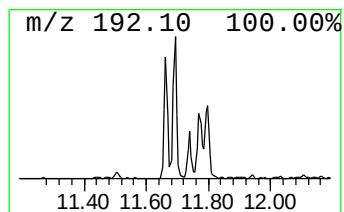
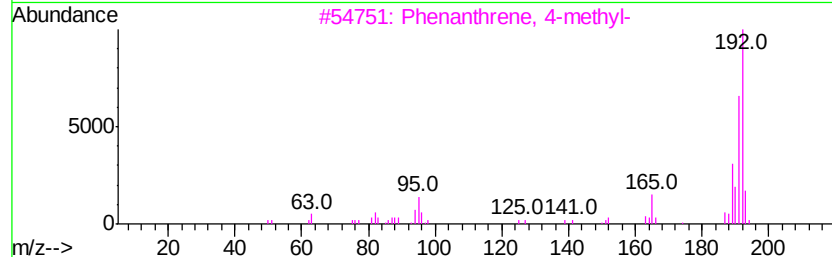
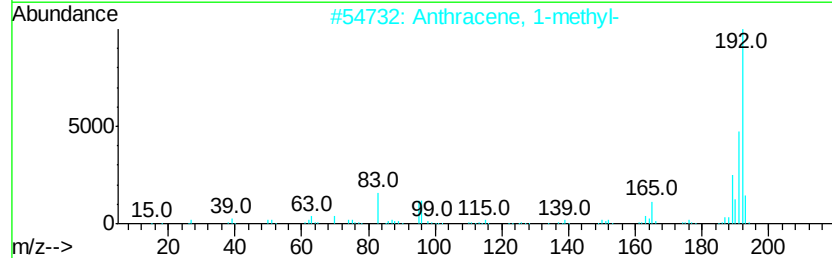
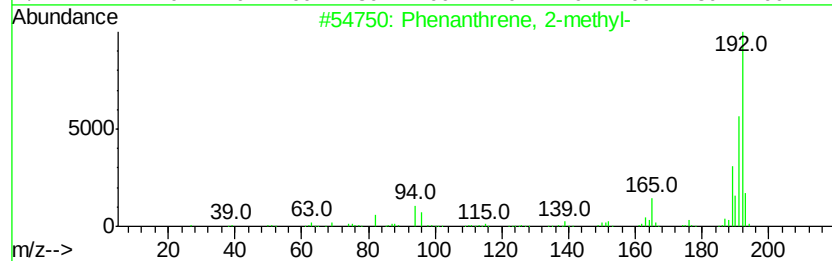
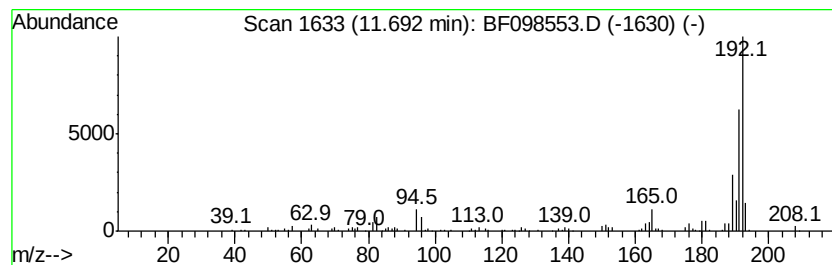
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.69	3.52 ng	145076	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81



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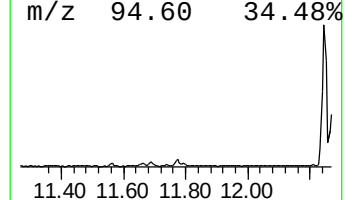
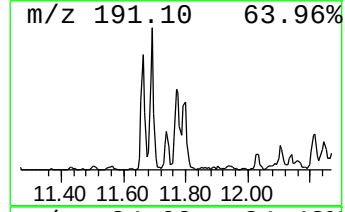
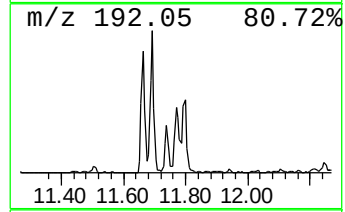
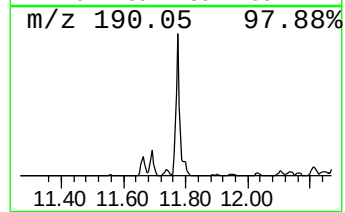
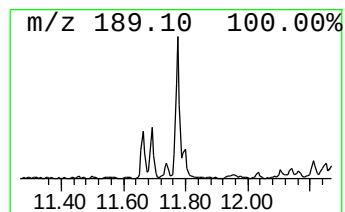
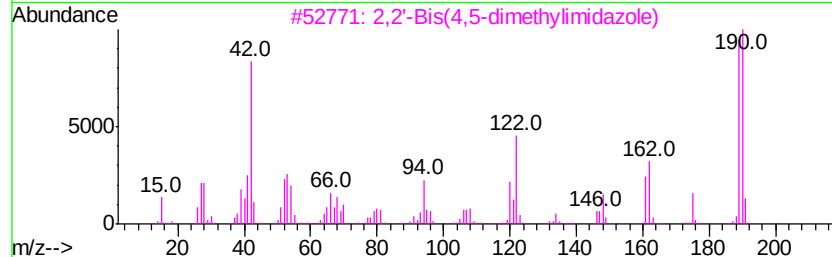
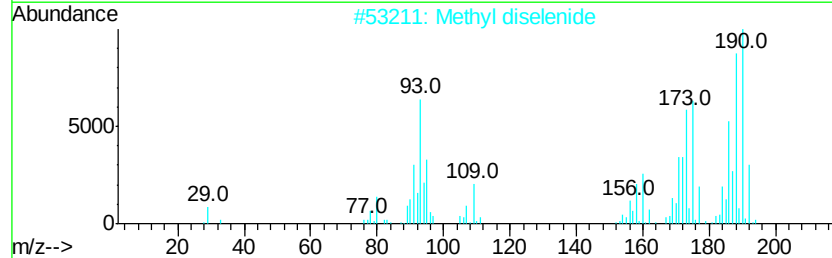
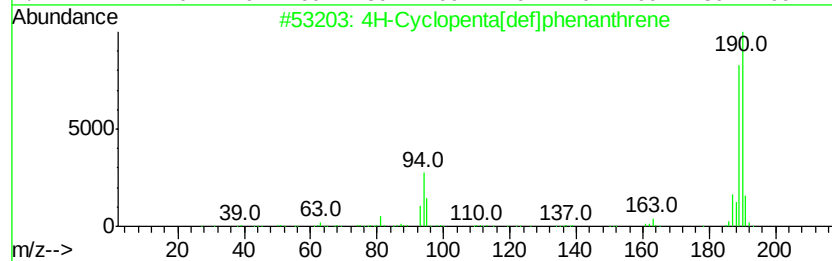
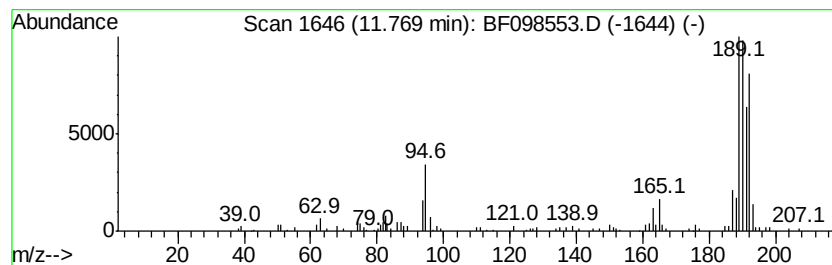
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	4.53 ng	186433	Phenanthrene-d10	11.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	46
3	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
4	Megastigmatrienone	190	C13H18O	038818-55-2	18
5	4-Isothiazolecarbonitrile, 5-chl...	190	C5H3ClN2S2	054798-93-5	17



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
Acq On : 15 Sep 2017 3:04
Operator : SJ/JU
Sample : I5218-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

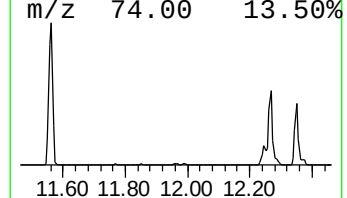
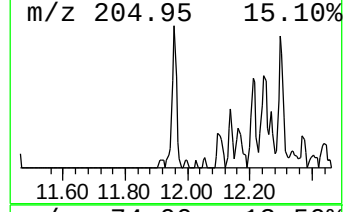
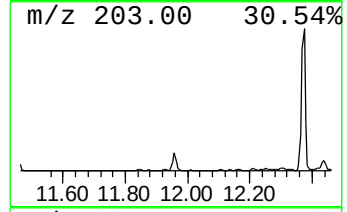
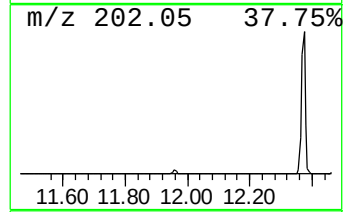
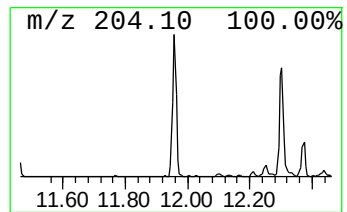
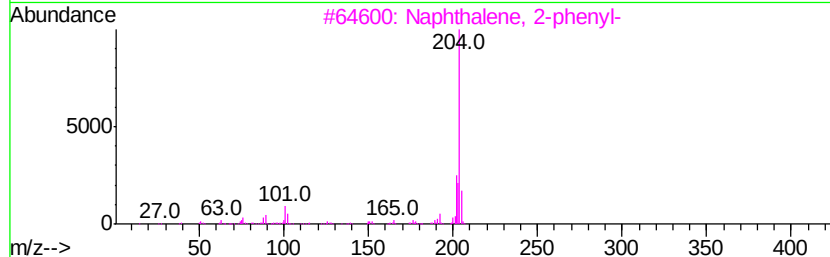
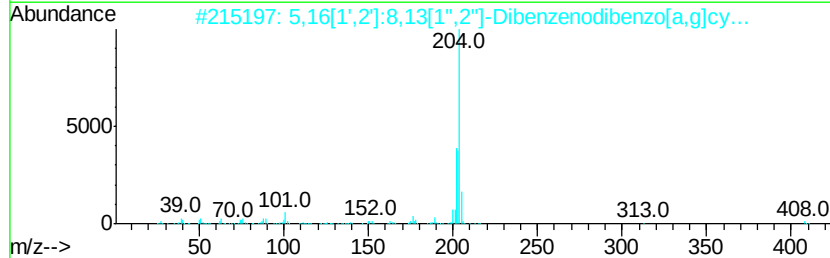
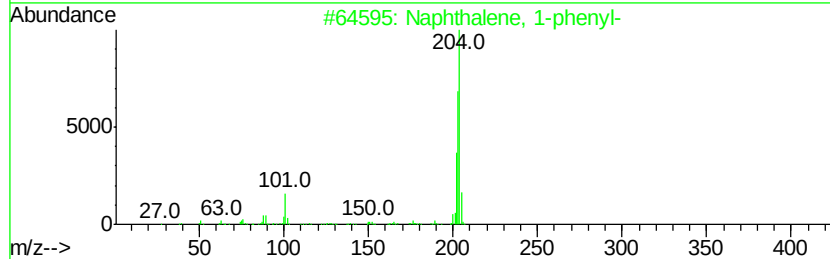
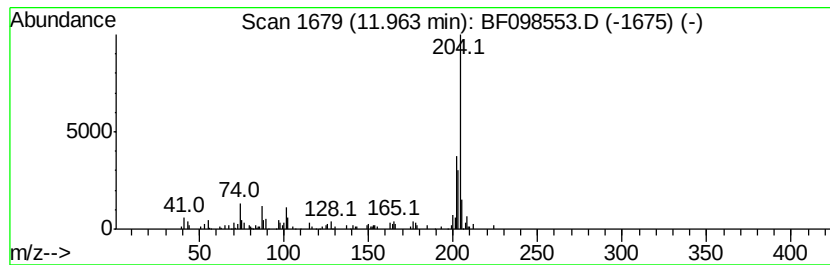
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.66 ng	109730	Phenanthrene-d10	11.16
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-phenyl-	204 C16H12	000605-02-7 86
2		5,16[1',2'] :8,13[1'',2'']-Dibenz...	408 C32H24	005672-97-9 86
3		Naphthalene, 2-phenyl-	204 C16H12	000612-94-2 81
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204 C16H12	006572-60-7 81
5		3,4-Biphenyldicarbonitrile	204 C14H8N2	004128-63-6 58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
Acq On : 15 Sep 2017 3:04
Operator : SJ/JU
Sample : I5218-01 5X
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ALS Vial : 23 Sample Multiplier: 1

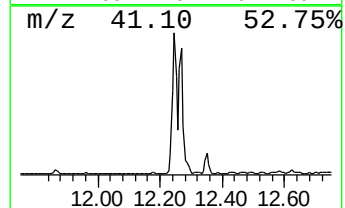
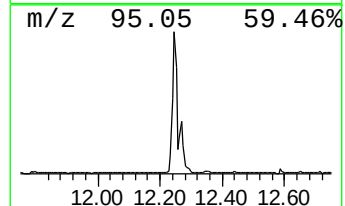
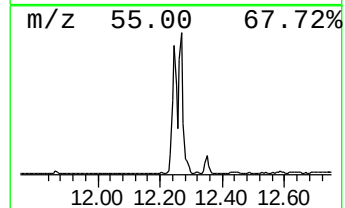
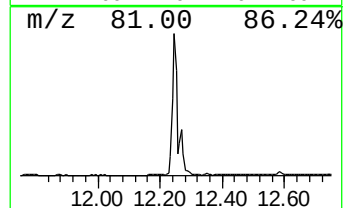
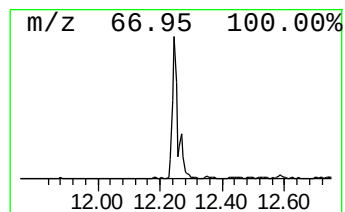
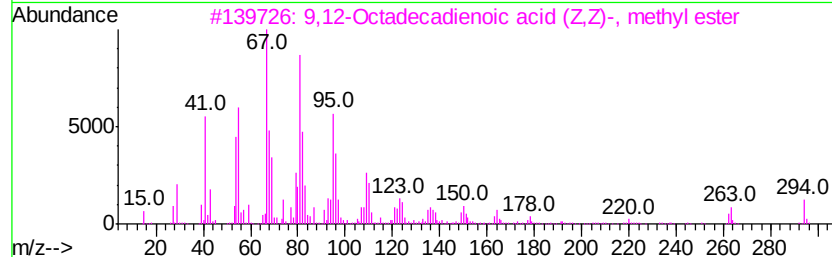
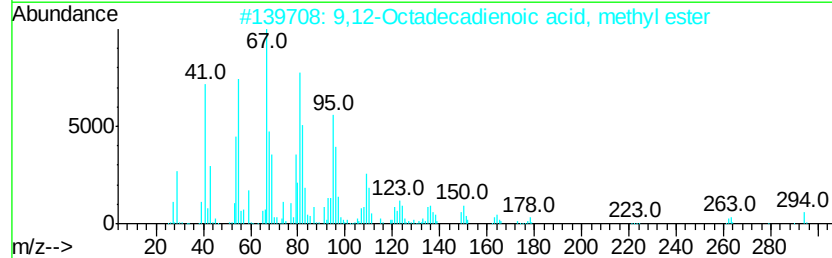
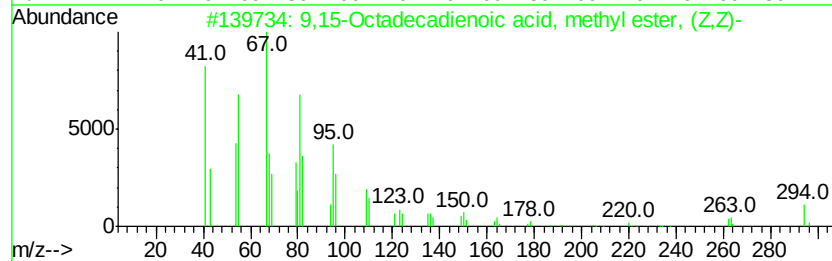
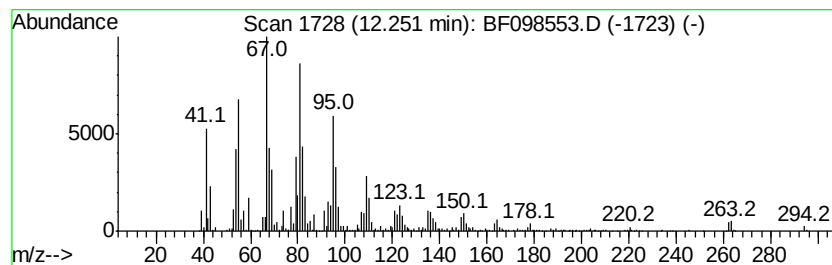
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,15-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.25	82.50 ng	3398730	Phenanthrene-d10	11.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	98	
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	98	



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
Data File : BF098553.D
Acq On : 15 Sep 2017 3:04
Operator : SJ/JU
Sample : I5218-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

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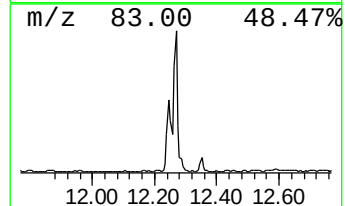
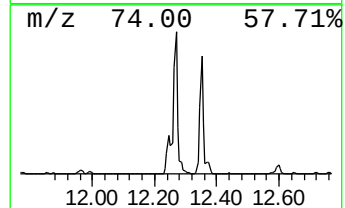
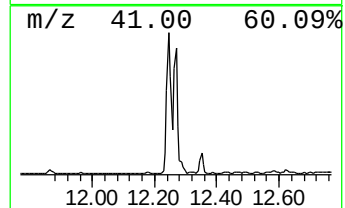
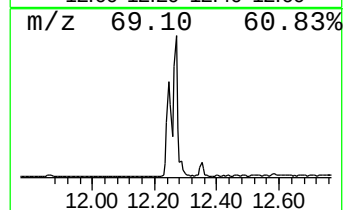
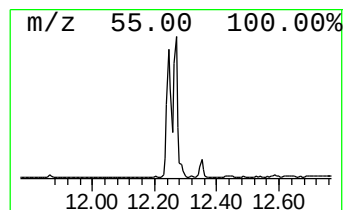
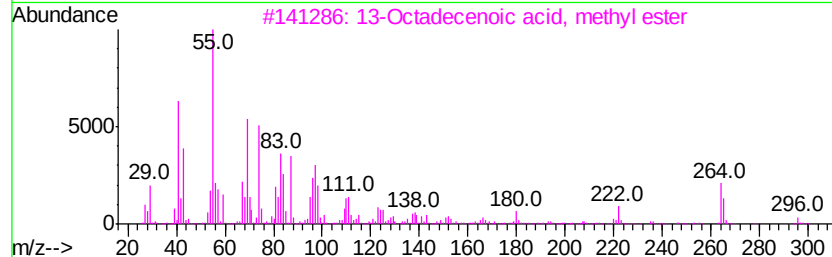
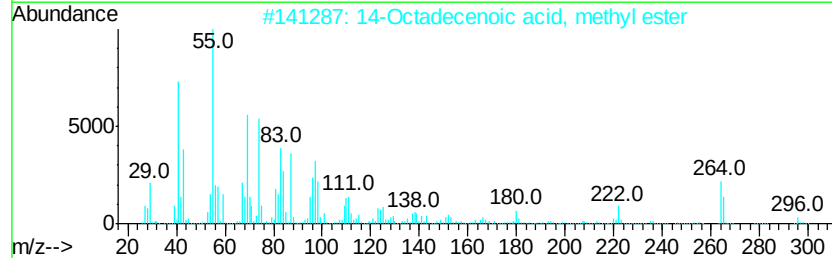
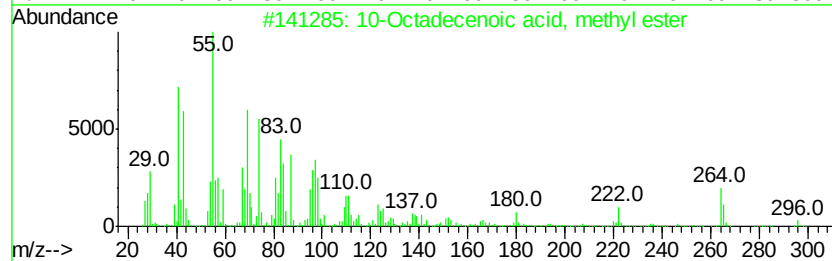
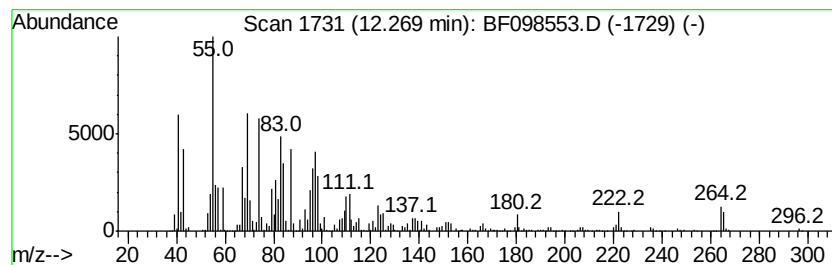
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 10-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	51.54 ng	2123440	Phenanthrene-d10	11.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
3			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4			11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	99
5			6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	99



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091417\
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Misc :
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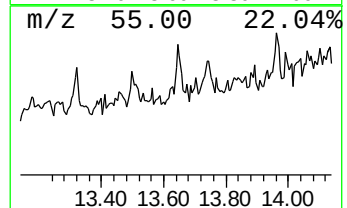
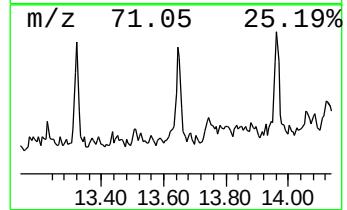
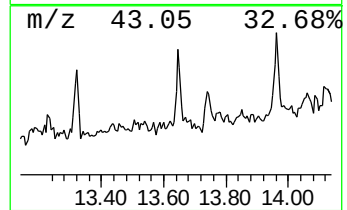
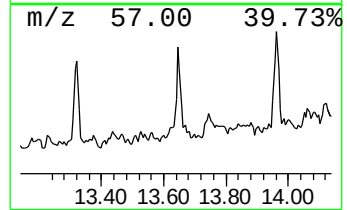
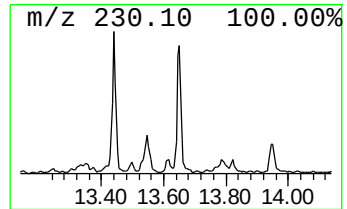
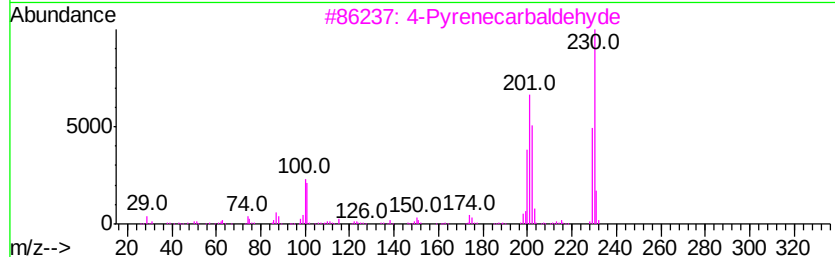
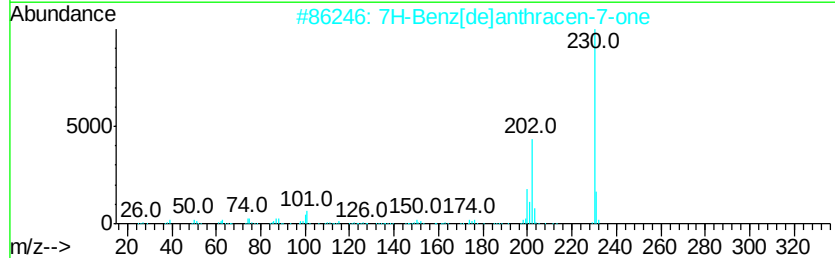
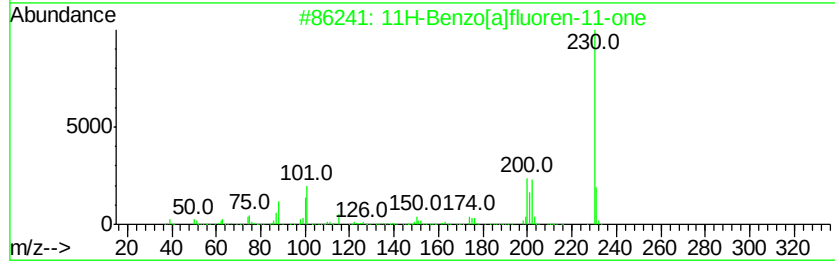
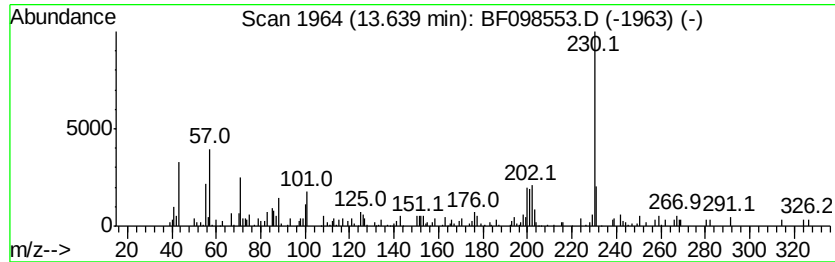
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ClientSampleId :
SU-02-091217

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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 18 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.64	2.23 ng	164080	Chrysene-d12	13.80		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	93
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
3		4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64
4		6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	62
5		o-Terphenyl	230	C18H14	000084-15-1	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091417\
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 Acq On : 15 Sep 2017 3:04
 Operator : SJ/JU
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Instrument :
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 ClientSampleId :
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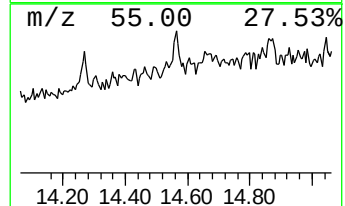
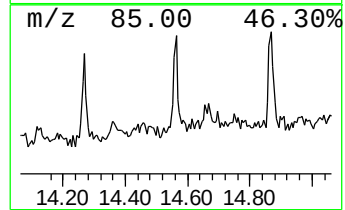
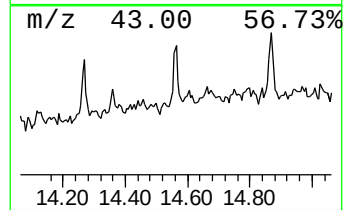
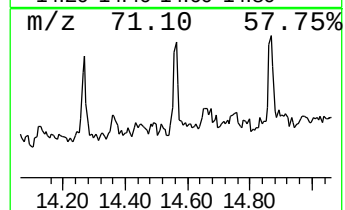
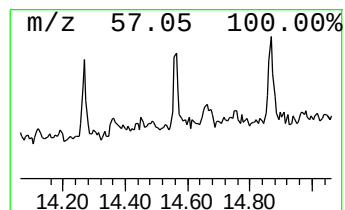
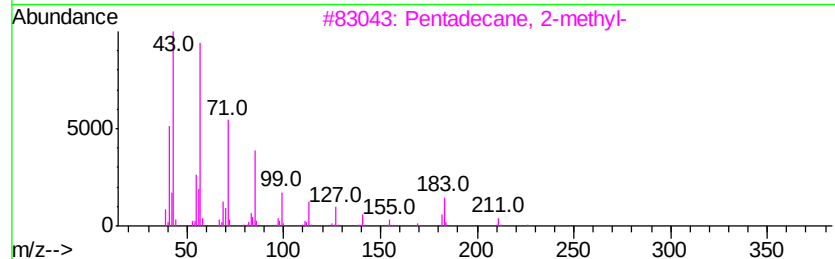
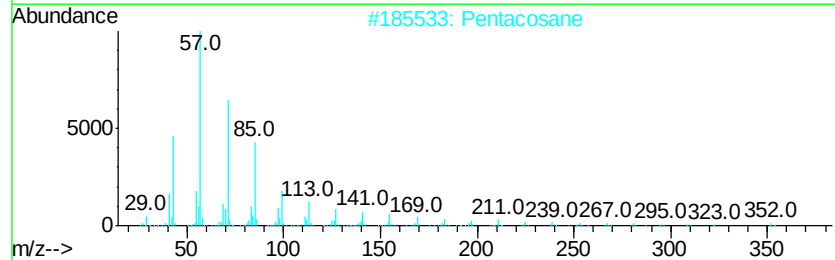
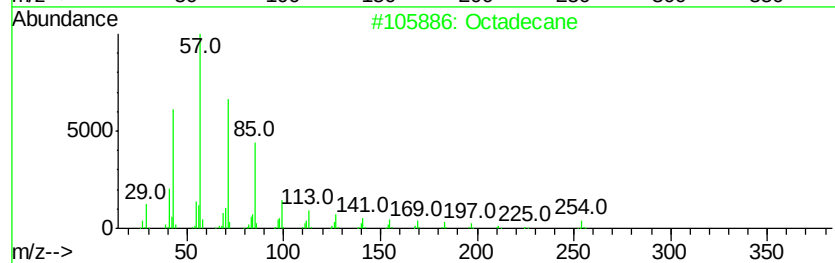
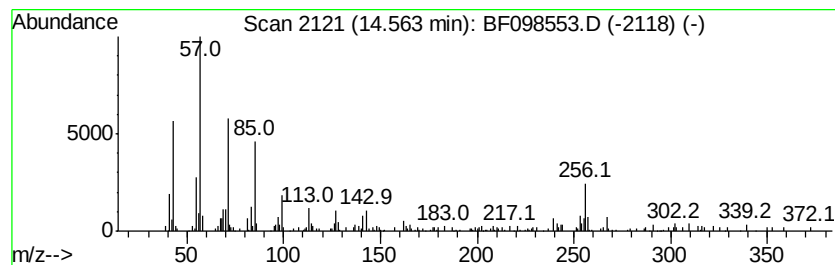
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 19 Octadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.15 ng	113739	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	78
2		Pentacosane	352	C25H52	000629-99-2	59
3		Pentadecane, 2-methyl-	226	C16H34	001560-93-6	55
4		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	49
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49



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Data File : BF098553.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

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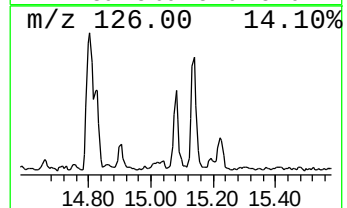
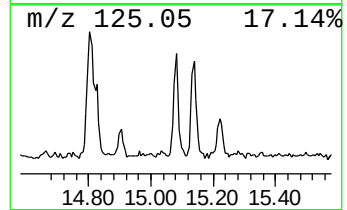
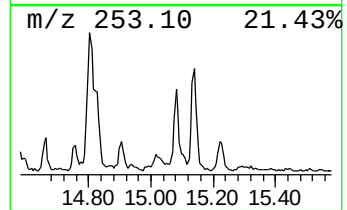
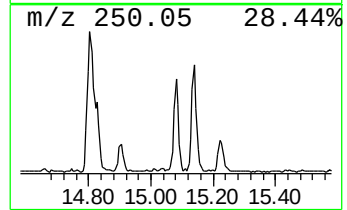
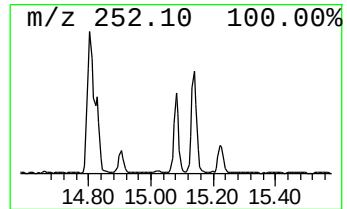
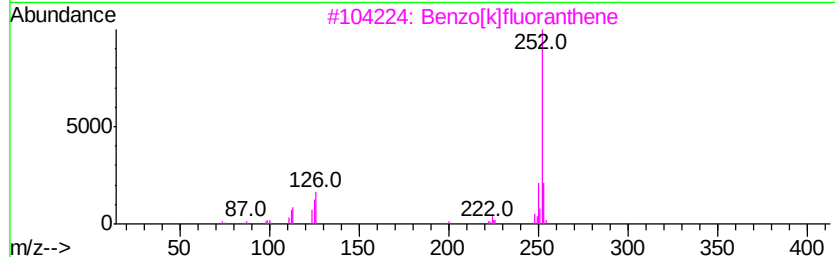
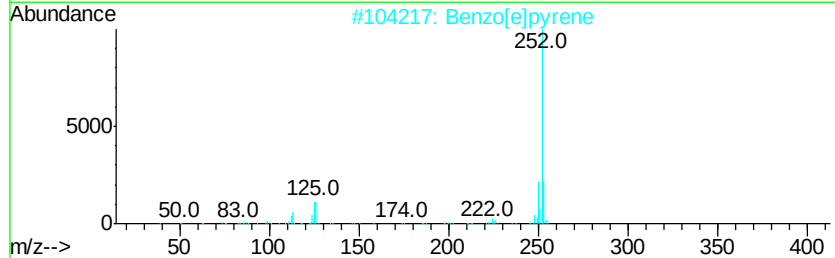
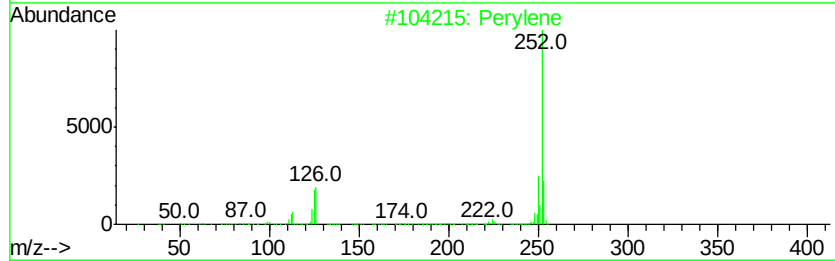
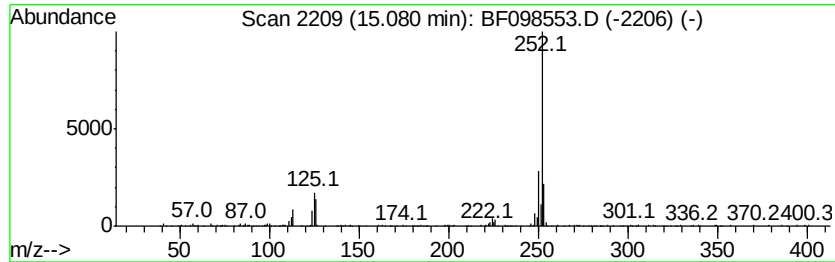
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	4.90 ng	259299	Perylene-d12	15.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[e]pyrene	252	C20H12	000192-97-2	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4		Benzo[a]pyrene	252	C20H12	000050-32-8	94
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF091417\
 Data File : BF098553.D
 Acq On : 15 Sep 2017 3:04
 Operator : SJ/JU
 Sample : I5218-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-091217

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	15.5	ng	598648	1	6.65	770486	20.0
Hexadecane	9.09	2.4	ng	104668	3	9.68	864934	20.0
Pentadecane	10.12	2.4	ng	101455	3	9.68	864934	20.0
Tridecane	10.59	3.8	ng	156185	4	11.16	823937	20.0
Heptacosane	11.03	2.4	ng	98541	4	11.16	823937	20.0
Dibenzothiophene	11.06	2.7	ng	110469	4	11.16	823937	20.0
Octane, 3,5-dimet...	11.46	2.4	ng	99141	4	11.16	823937	20.0
Hexadecanoic acid...	11.56	24.5	ng	1009830	4	11.16	823937	20.0
Anthracene, 2-met...	11.66	2.8	ng	114822	4	11.16	823937	20.0
Phenanthrene, 2-m...	11.69	3.5	ng	145076	4	11.16	823937	20.0
4H-Cyclopenta[def...	11.77	4.5	ng	186433	4	11.16	823937	20.0
Naphthalene, 1-ph...	11.96	2.7	ng	109730	4	11.16	823937	20.0
9,15-Octadecadien...	12.25	82.5	ng	3398730	4	11.16	823937	20.0
10-Octadecenoic a...	12.27	51.5	ng	2123440	4	11.16	823937	20.0
11H-Benzo[a]fluor...	13.64	2.2	ng	164080	5	13.80	1474540	20.0
Octadecane	14.56	2.1	ng	113739	6	15.20	1059320	20.0
Perylene	15.08	4.9	ng	259299	6	15.20	1059320	20.0