

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
 Data File : BF097582.D
 Acq On : 11 Aug 2017 2:29
 Operator : SJ/JU
 Sample : I4697-12 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-PH4-ESMI-7B

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-BF072517.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	4.998	560	563	587	rBV	172826	407667	15.37%	1.261%
2	6.081	744	747	760	rBV	245553	478389	18.04%	1.479%
3	6.175	760	763	772	rVB	342450	492728	18.58%	1.524%
4	6.387	796	799	808	rBV	659300	687478	25.92%	2.126%
5	6.545	823	826	839	rVB	297641	322507	12.16%	0.997%
6	6.969	895	898	914	rBV	190157	293859	11.08%	0.909%
7	7.675	1014	1018	1020	rBV	951377	946768	35.70%	2.928%
8	7.692	1020	1021	1030	rVB	797492	625857	23.60%	1.935%
9	8.386	1136	1139	1146	rBV	507713	437961	16.52%	1.354%
10	8.481	1152	1155	1166	rVB	337178	315553	11.90%	0.976%
11	8.751	1198	1201	1207	rVB	461150	374953	14.14%	1.159%
12	8.851	1215	1218	1224	rVB	191243	158417	5.97%	0.490%
13	9.016	1242	1246	1250	rVV	152763	213801	8.06%	0.661%
14	9.086	1254	1258	1260	rVV	215118	233879	8.82%	0.723%
15	9.110	1260	1262	1267	rVV	139848	127123	4.79%	0.393%
16	9.157	1267	1270	1274	rVV	114739	106036	4.00%	0.328%
17	9.198	1274	1277	1284	rVV	115319	141586	5.34%	0.438%
18	9.280	1287	1291	1299	rVB	286770	274605	10.36%	0.849%
19	9.416	1310	1314	1317	rBV	951985	866895	32.69%	2.681%
20	9.445	1317	1319	1326	rVB	497901	481968	18.17%	1.490%
21	9.622	1344	1349	1354	rBV	638579	589421	22.23%	1.823%
22	9.739	1365	1369	1371	rBV	72266	73355	2.77%	0.227%
23	9.769	1371	1374	1379	rVB	61954	62108	2.34%	0.192%
24	9.827	1379	1384	1386	rBV2	46463	60670	2.29%	0.188%
25	9.869	1389	1391	1395	rVB	65066	58886	2.22%	0.182%
26	9.933	1395	1402	1404	rBV3	57827	79928	3.01%	0.247%
27	9.963	1404	1407	1414	rVV	1097812	924774	34.87%	2.860%
28	10.045	1419	1421	1424	rVV2	65381	67784	2.56%	0.210%
29	10.122	1431	1434	1437	rVV	196086	175633	6.62%	0.543%
30	10.186	1441	1445	1446	rVV	103521	109218	4.12%	0.338%
31	10.210	1446	1449	1453	rVV2	332293	413581	15.60%	1.279%
32	10.510	1495	1500	1503	rBV2	171904	203387	7.67%	0.629%
33	10.539	1503	1505	1508	rVV	76587	68807	2.59%	0.213%
34	10.592	1511	1514	1517	rVV	68170	71055	2.68%	0.220%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.639	1517	1522	1524	rVV2	75429	84522	3.19%	0.261%
36	10.663	1524	1526	1528	rVV	73427	72432	2.73%	0.224%
37	10.751	1537	1541	1544	rVV	88394	95010	3.58%	0.294%
38	10.786	1544	1547	1555	rVB	305960	320553	12.09%	0.991%
39	10.892	1561	1565	1567	rBV	671485	723314	27.28%	2.237%
40	10.922	1567	1570	1573	rVV	2710963	2651889	100.00%	8.200%
41	10.969	1573	1578	1582	rVB	928596	810330	30.56%	2.506%
42	11.010	1582	1585	1590	rBV2	72454	87277	3.29%	0.270%
43	11.139	1602	1607	1613	rBV	259430	325384	12.27%	1.006%
44	11.392	1646	1650	1653	rBV	369727	328761	12.40%	1.017%
45	11.422	1653	1655	1660	rVB	436084	384445	14.50%	1.189%
46	11.469	1660	1663	1666	rBV	195625	179183	6.76%	0.554%
47	11.498	1666	1668	1671	rVV	535191	554705	20.92%	1.715%
48	11.527	1671	1673	1676	rVV	187222	155173	5.85%	0.480%
49	11.686	1697	1700	1705	rVB	236092	213116	8.04%	0.659%
50	11.833	1721	1725	1729	rBV4	52733	69551	2.62%	0.215%
51	11.939	1740	1743	1746	rBV	139799	148619	5.60%	0.460%
52	11.980	1746	1750	1752	rVV2	79506	109091	4.11%	0.337%
53	12.033	1756	1759	1762	rVB3	54272	72400	2.73%	0.224%
54	12.104	1766	1771	1774	rBV	1844370	1870553	70.54%	5.784%
55	12.192	1784	1786	1791	rVB	168005	151509	5.71%	0.468%
56	12.245	1791	1795	1802	rBV2	97634	118348	4.46%	0.366%
57	12.327	1802	1809	1811	rBV2	1525620	1850844	69.79%	5.723%
58	12.345	1811	1812	1815	rVV3	79623	60142	2.27%	0.186%
59	12.374	1815	1817	1826	rVB2	117287	141946	5.35%	0.439%
60	12.451	1826	1830	1831	rBV	128256	123133	4.64%	0.381%
61	12.469	1831	1833	1836	rVV	227783	233499	8.81%	0.722%
62	12.492	1836	1837	1841	rVB	103302	72144	2.72%	0.223%
63	12.545	1841	1846	1850	rBV3	128531	217524	8.20%	0.673%
64	12.627	1857	1860	1862	rBV2	106375	121287	4.57%	0.375%
65	12.657	1862	1865	1869	rVB	394876	374636	14.13%	1.158%
66	12.721	1873	1876	1879	rVV	392353	333453	12.57%	1.031%
67	12.757	1879	1882	1886	rVV	205499	199782	7.53%	0.618%
68	12.845	1895	1897	1900	rVB	94394	80231	3.03%	0.248%
69	12.880	1900	1903	1906	rBV	92684	108322	4.08%	0.335%
70	13.139	1943	1947	1950	rBV2	60569	83261	3.14%	0.257%
71	13.268	1965	1969	1971	rBV	123359	137679	5.19%	0.426%

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72	13.292	1971	1973	1975	rVV	155051	143022	5.39%	0.442%
73	13.321	1975	1978	1979	rVV	120962	124221	4.68%	0.384%
74	13.339	1979	1981	1984	rVB2	104091	98877	3.73%	0.306%
75	13.439	1993	1998	2004	rVB2	50084	89897	3.39%	0.278%
76	13.515	2004	2011	2014	rBV2	1089432	1708950	64.44%	5.284%
77	13.545	2014	2016	2019	rVB	735518	612351	23.09%	1.893%
78	13.621	2026	2029	2035	rVB	116459	106589	4.02%	0.330%
79	13.680	2035	2039	2043	rVV3	67706	100721	3.80%	0.311%
80	13.727	2044	2047	2050	rVV2	94826	133450	5.03%	0.413%
81	13.757	2050	2052	2063	rVB	103022	132270	4.99%	0.409%
82	13.904	2073	2077	2081	rVV2	185135	254017	9.58%	0.785%
83	13.939	2081	2083	2086	rVV2	82096	73838	2.78%	0.228%
84	14.004	2086	2094	2096	rVV2	111508	178240	6.72%	0.551%
85	14.027	2096	2098	2100	rVV	92466	100083	3.77%	0.309%
86	14.051	2100	2102	2105	rVV	142181	115212	4.34%	0.356%
87	14.386	2156	2159	2163	rBV	61356	63132	2.38%	0.195%
88	14.515	2177	2181	2183	rBV	708839	838383	31.61%	2.592%
89	14.604	2193	2196	2200	rVB	175598	163070	6.15%	0.504%
90	14.710	2212	2214	2218	rVV4	42894	59065	2.23%	0.183%
91	14.757	2218	2222	2228	rVV	364904	416175	15.69%	1.287%
92	14.810	2228	2231	2236	rVV	597188	651080	24.55%	2.013%
93	14.862	2236	2240	2242	rVV	432761	501258	18.90%	1.550%
94	14.886	2242	2244	2252	rVB	156683	200258	7.55%	0.619%
95	16.045	2436	2441	2449	rBV2	179967	318138	12.00%	0.984%
96	16.180	2460	2464	2468	rBV	41257	60440	2.28%	0.187%
97	16.221	2468	2471	2477	rVB3	34152	58003	2.19%	0.179%
98	16.398	2496	2501	2508	rBV	117970	224246	8.46%	0.693%
99	16.598	2530	2535	2545	rVB2	61157	121337	4.58%	0.375%
100	18.186	2798	2805	2815	rVB3	29548	83029	3.13%	0.257%

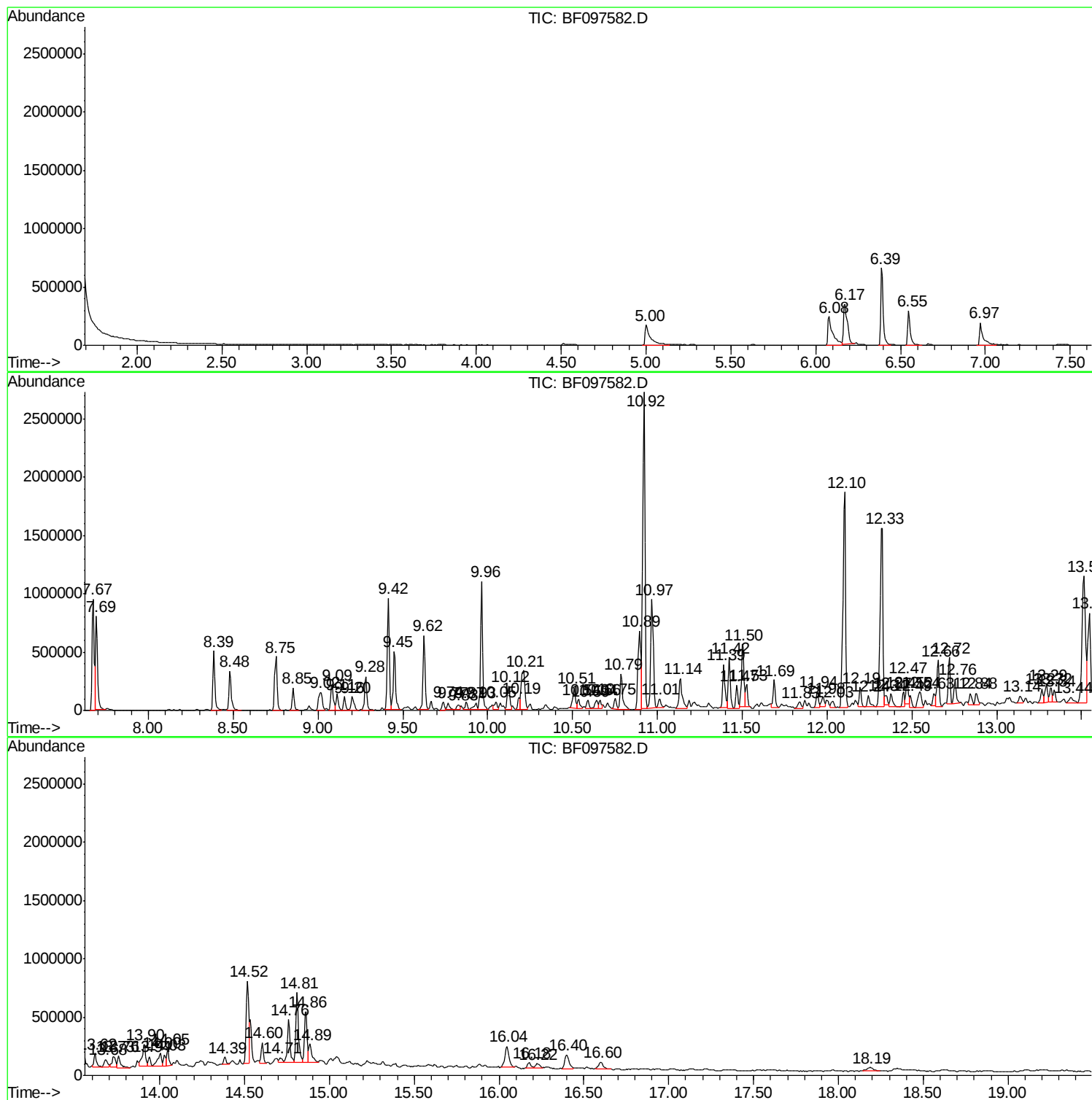
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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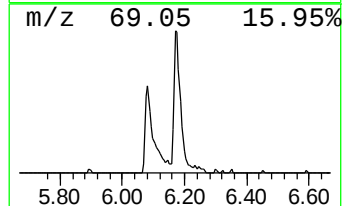
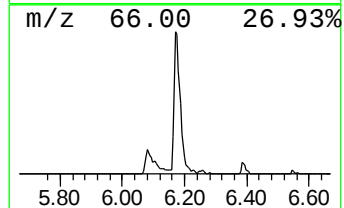
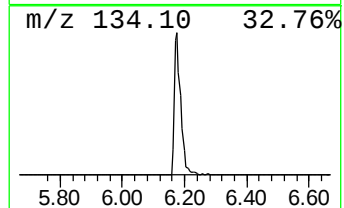
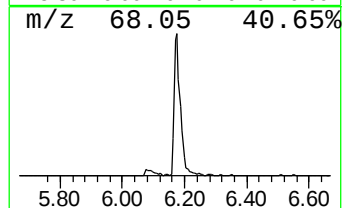
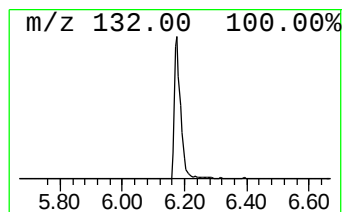
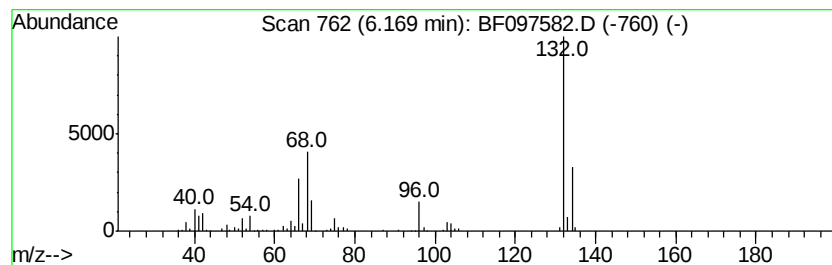
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	14.33 ng	492728	1,4-Dichlorobenzene-d4	6.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3		Tranvlcypropane-propionyl	189	C12H15NO	1000123-86-3	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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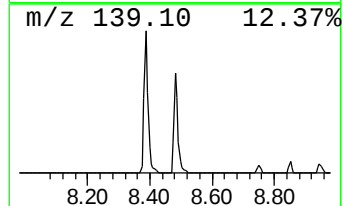
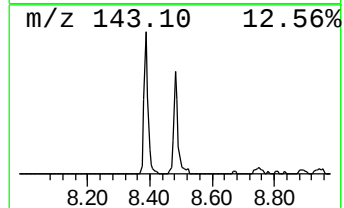
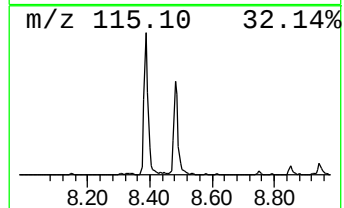
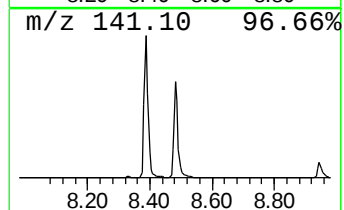
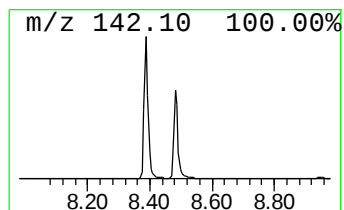
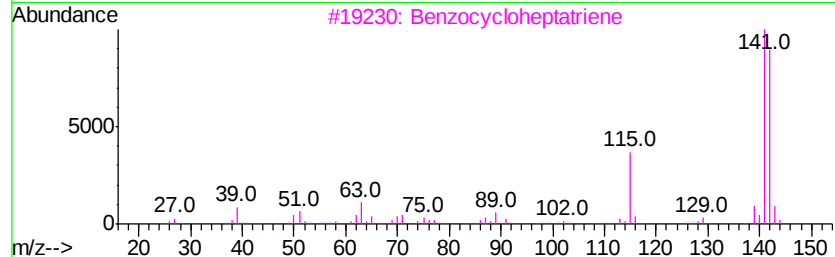
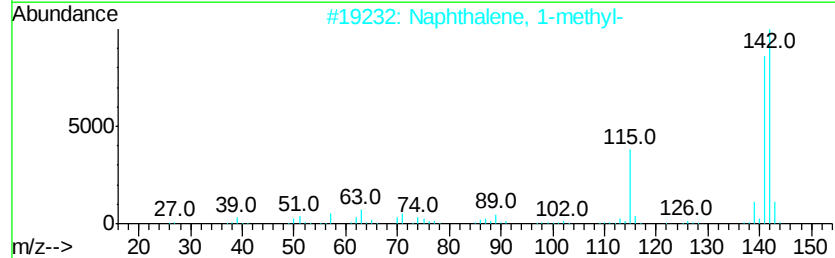
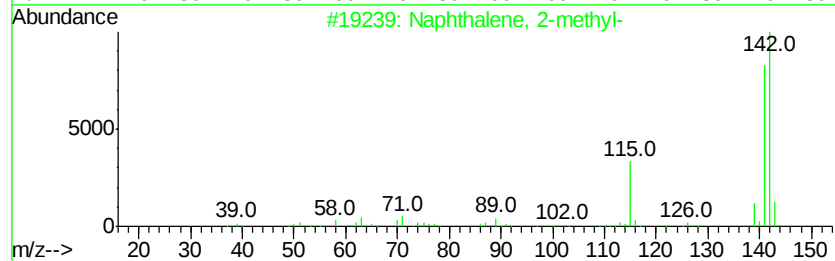
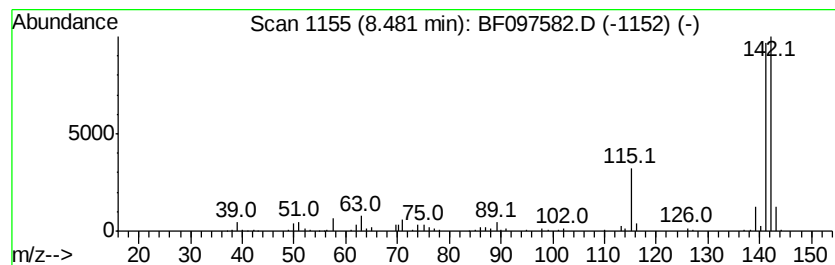
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	6.67 ng	315553	Naphthalene-d8	7.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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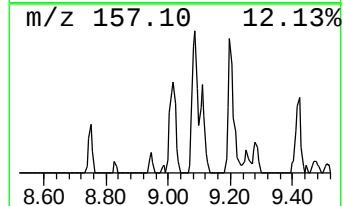
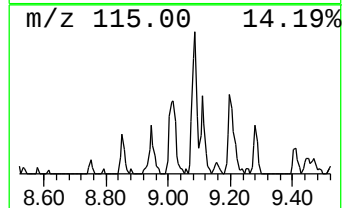
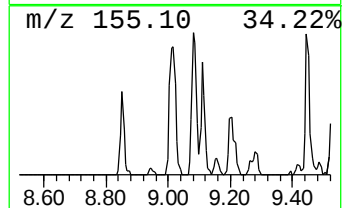
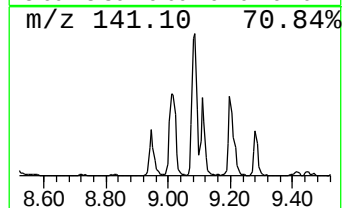
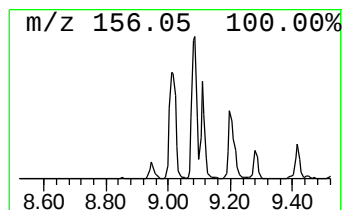
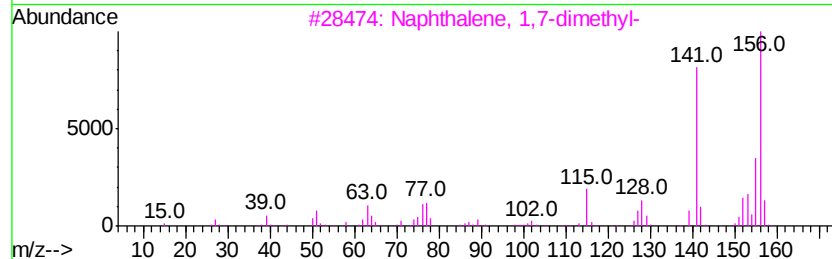
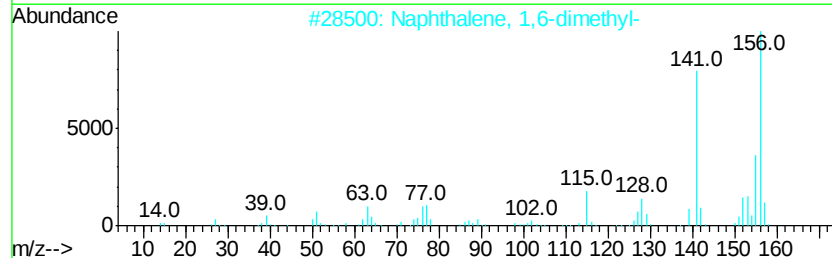
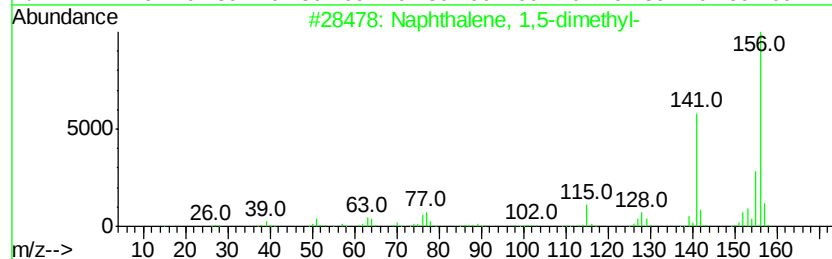
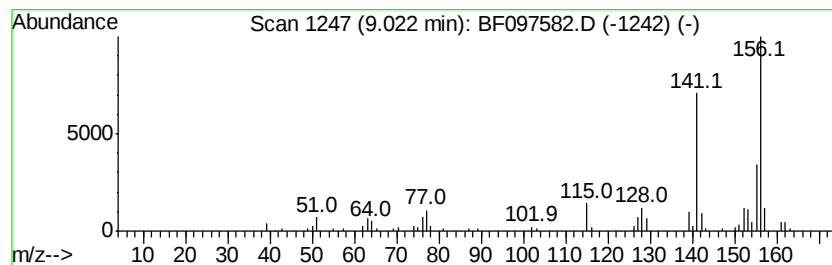
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Peak Number 4 Naphthalene, 1,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	4.93 ng	213801	Acenaphthene-d10	9.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
Operator : SJ/JU
Sample : I4697-12 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7B

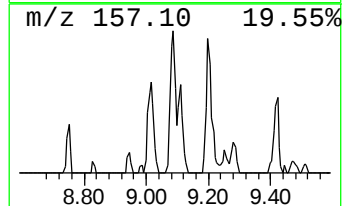
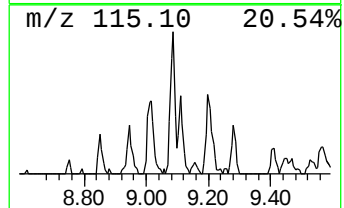
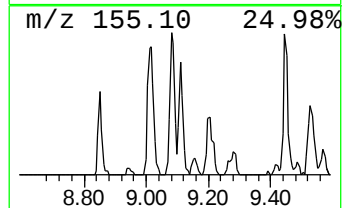
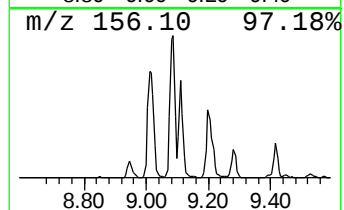
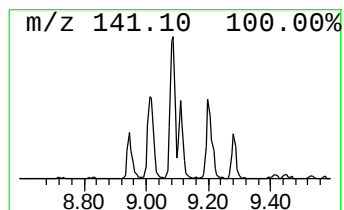
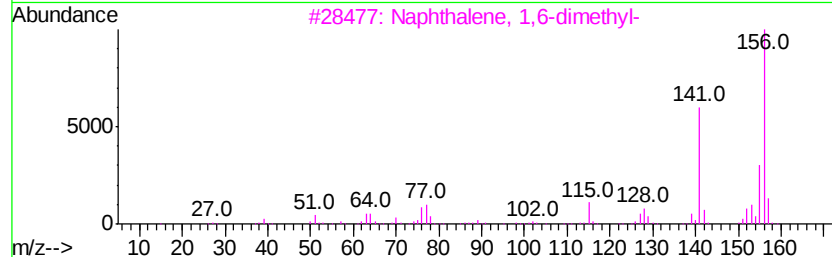
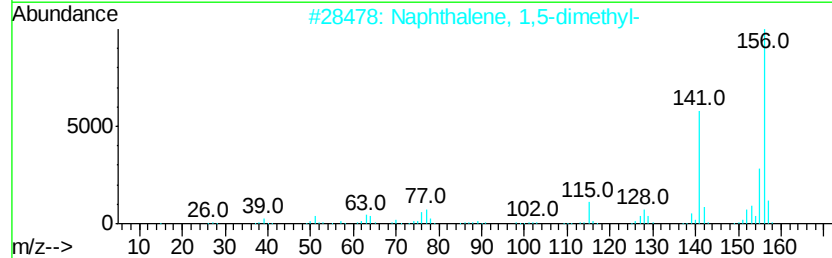
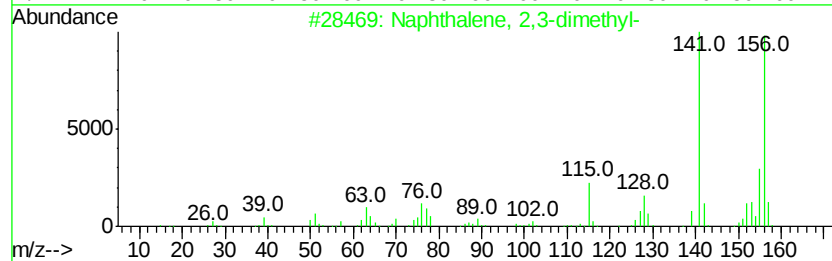
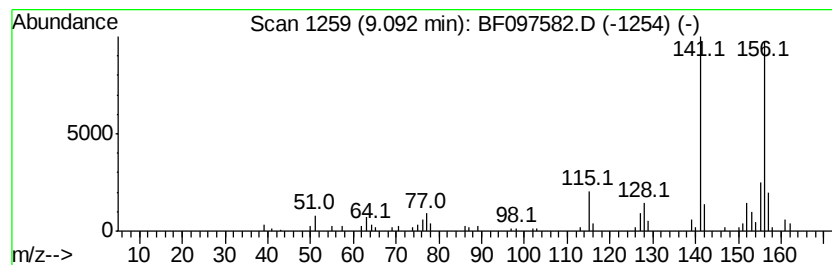
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	5.40 ng	233879	Acenaphthene-d10	9.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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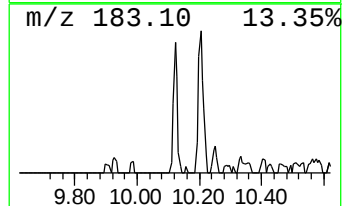
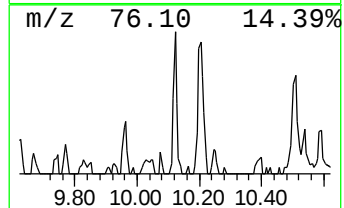
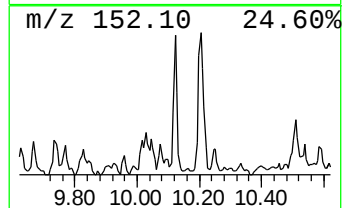
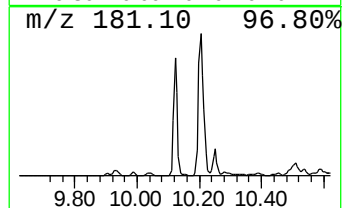
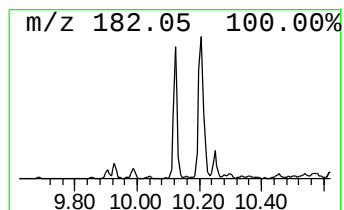
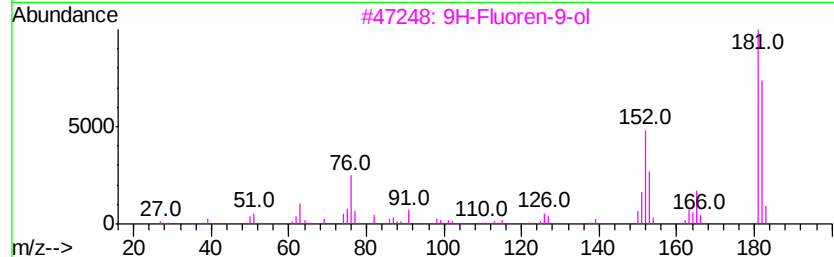
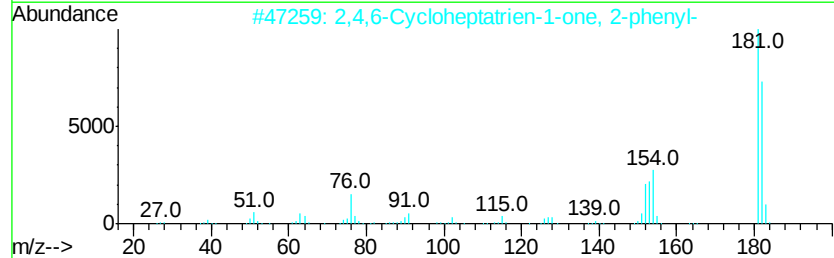
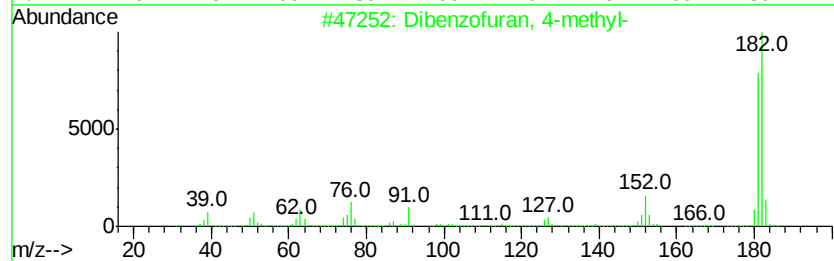
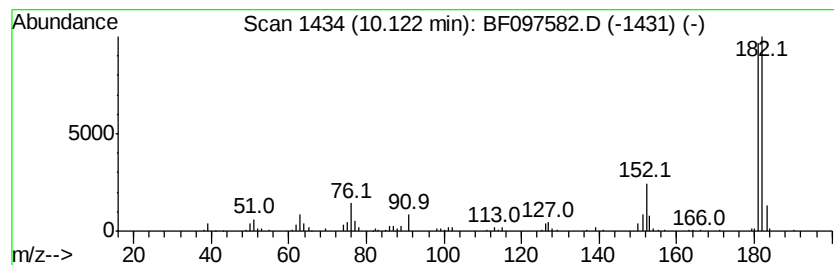
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	4.05 ng	175633	Acenaphthene-d10	9.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	91
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5		2-Hydroxyfluorene	182	C13H10O	002443-58-5	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081017\
Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
Operator : SJ/JU
Sample : I4697-12 5X
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ALS Vial : 24 Sample Multiplier: 1

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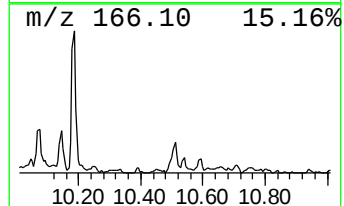
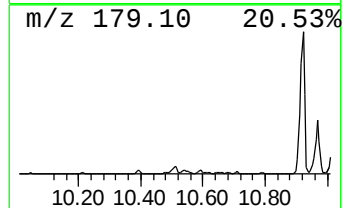
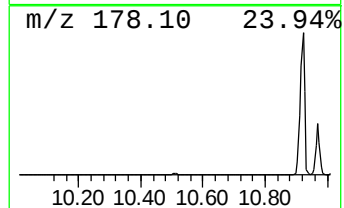
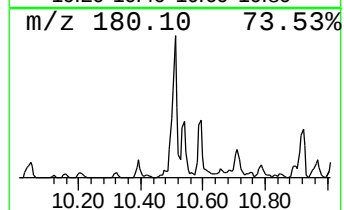
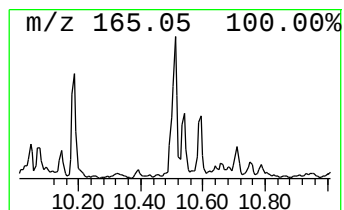
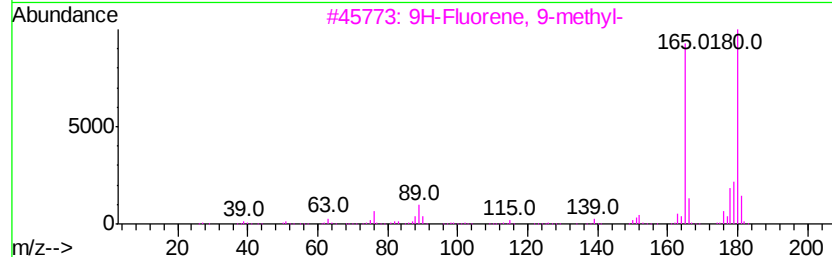
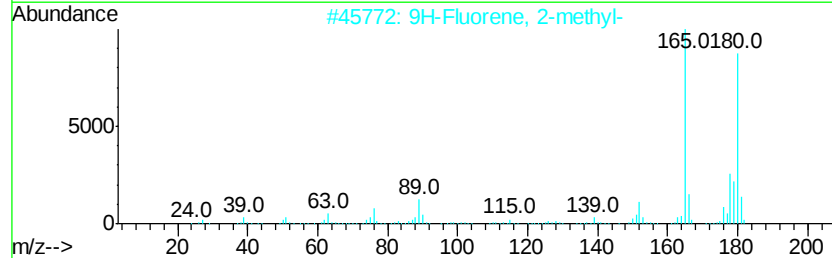
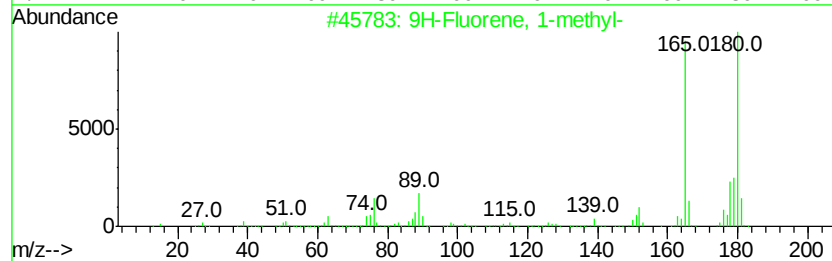
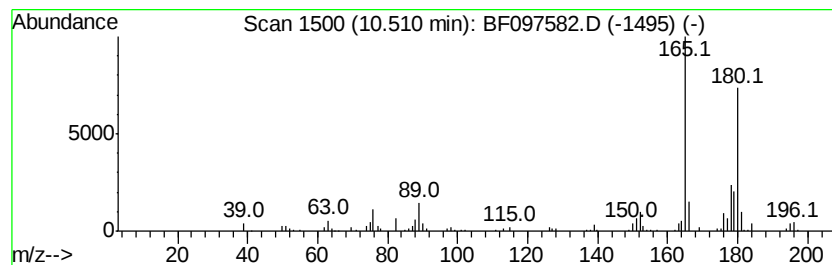
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	5.62 ng	203387	Phenanthrene-d10	10.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
5			4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081017\
Data File : BF097582.D
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Operator : SJ/JU
Sample : I4697-12 5X
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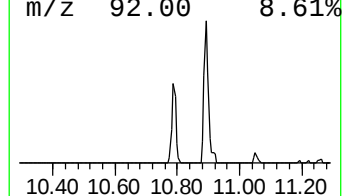
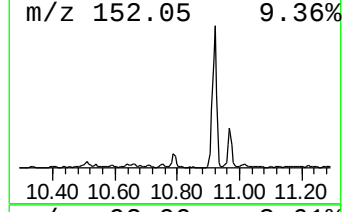
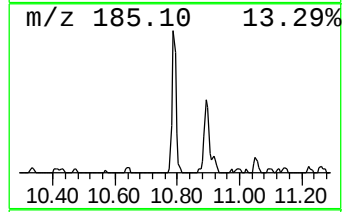
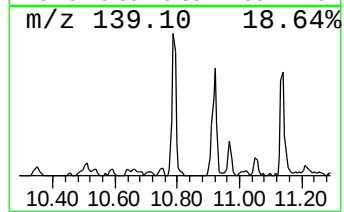
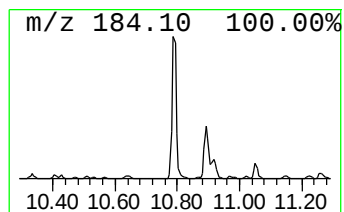
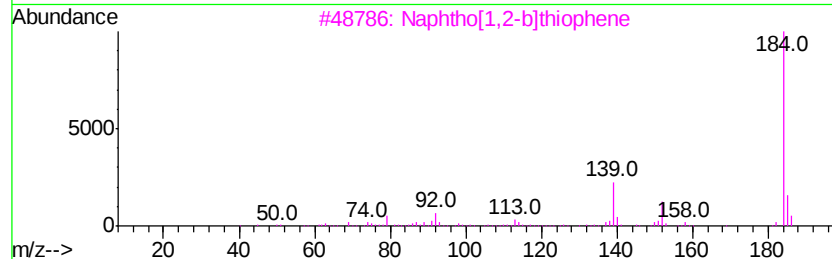
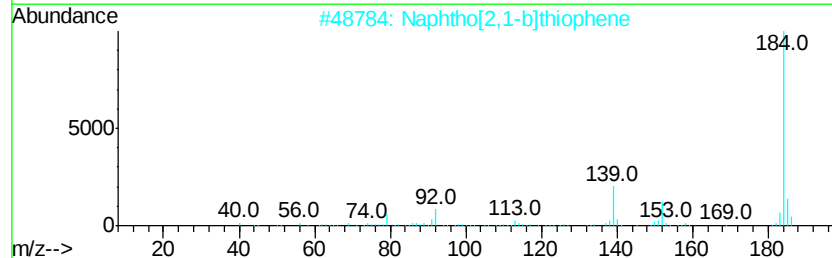
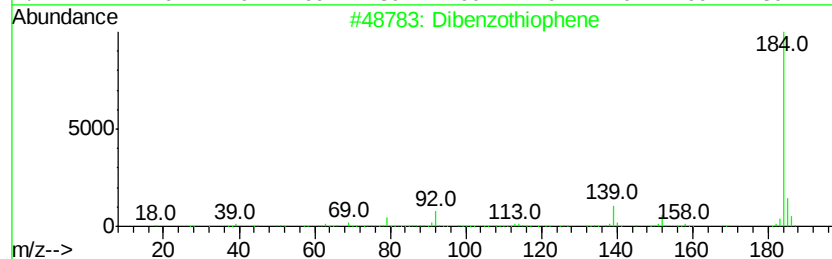
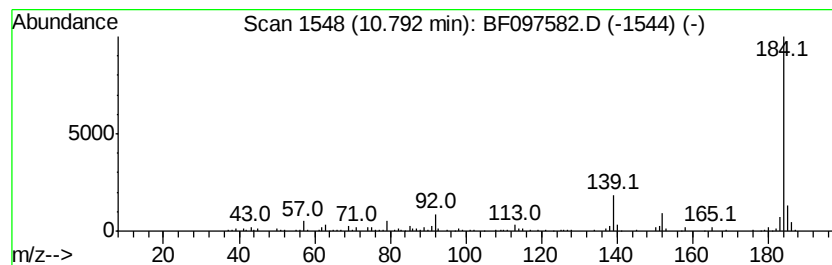
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dibenzothiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.79	8.86 ng	320553	Phenanthrene-d10		10.89
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	96
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081017\
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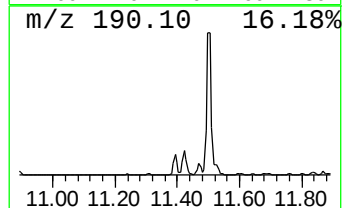
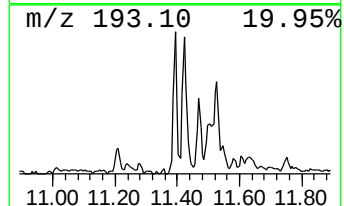
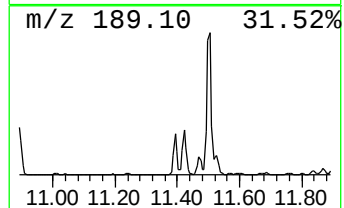
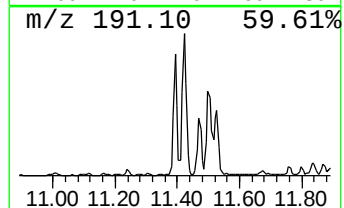
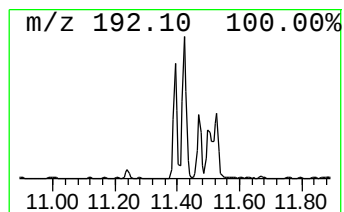
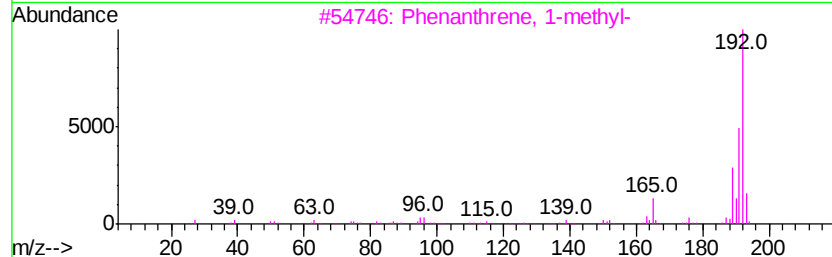
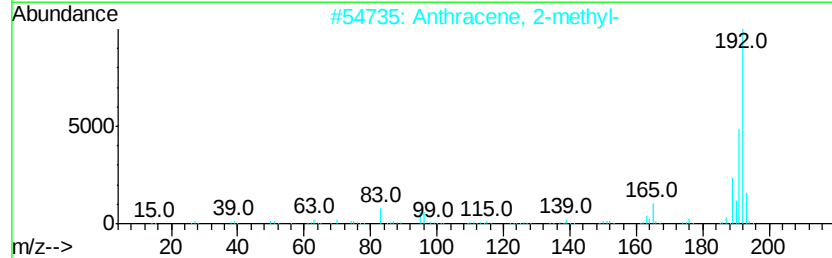
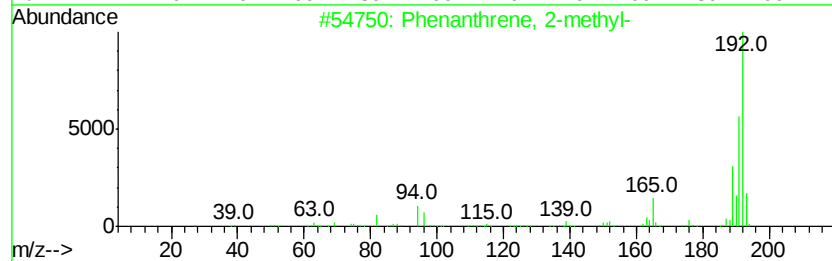
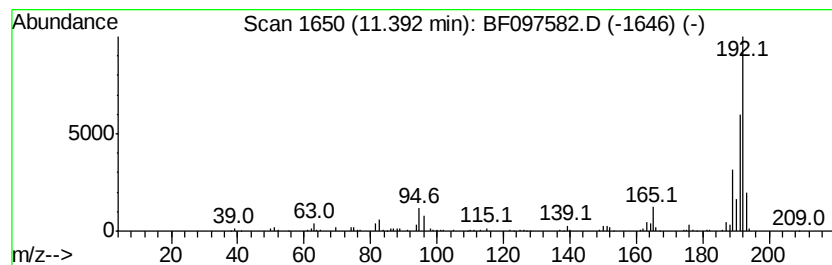
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.39	9.09 ng	328761	Phenanthrene-d10	10.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
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ClientSampleId :
NYSEG-PH4-ESMI-7B

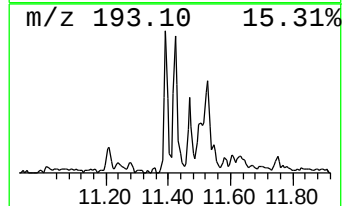
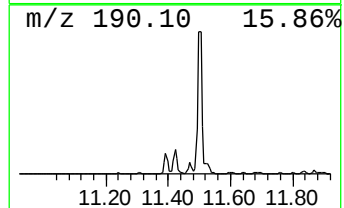
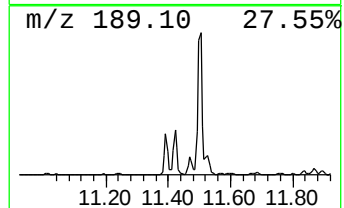
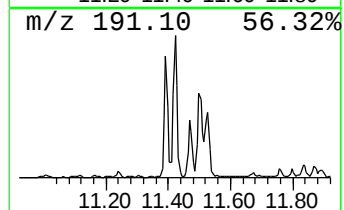
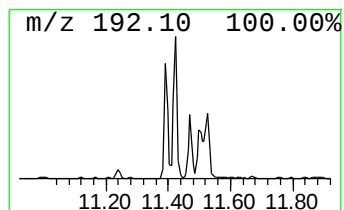
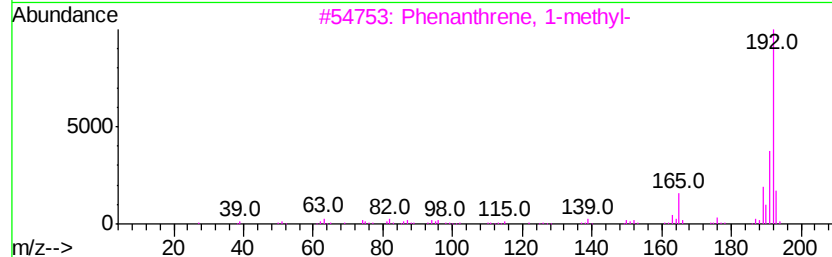
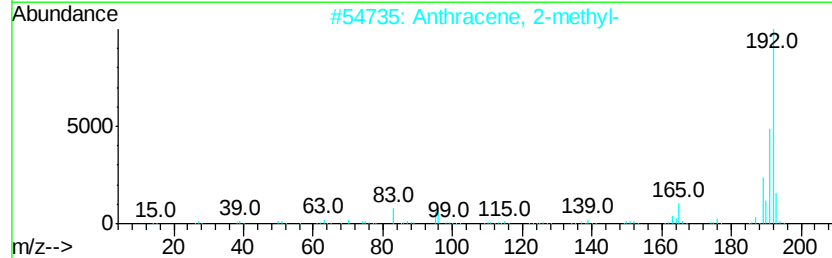
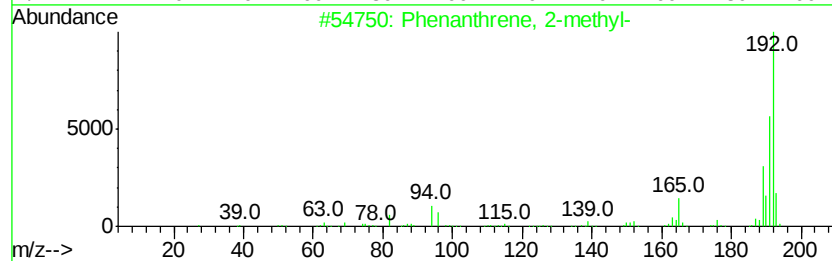
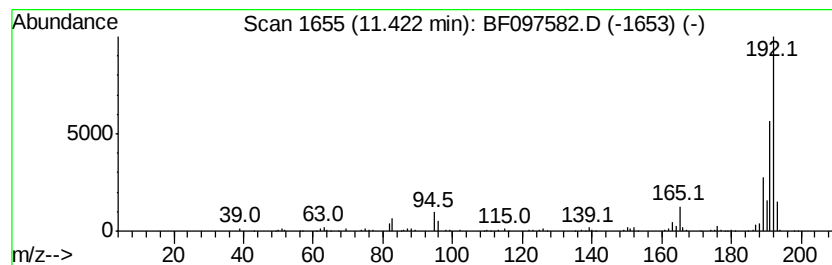
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	10.63 ng	384445	Phenanthrene-d10	10.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
NYSEG-PH4-ESMI-7B

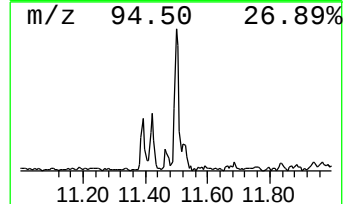
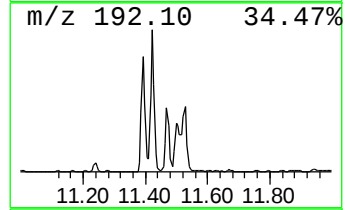
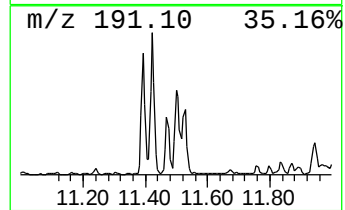
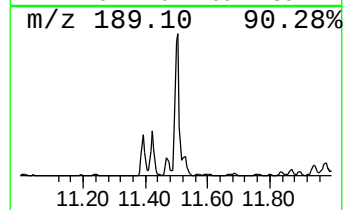
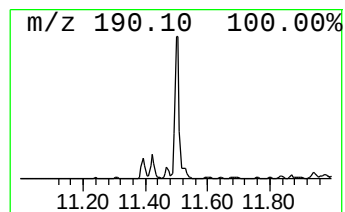
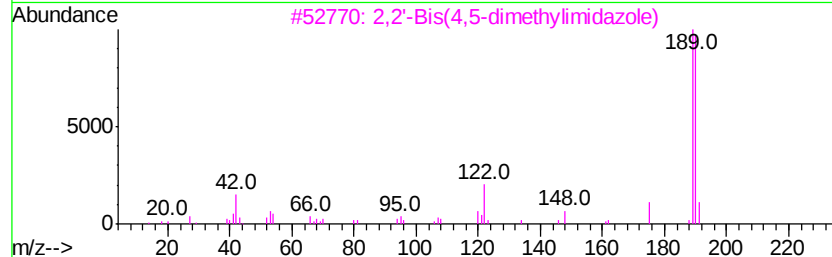
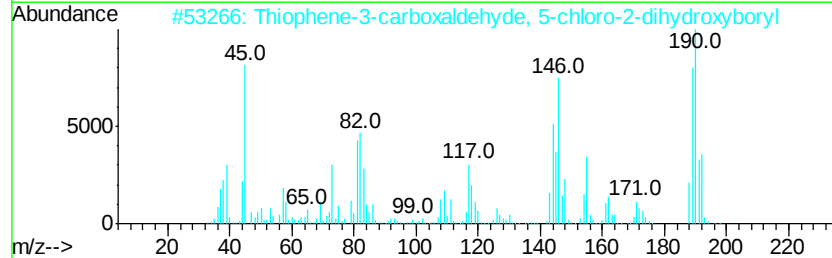
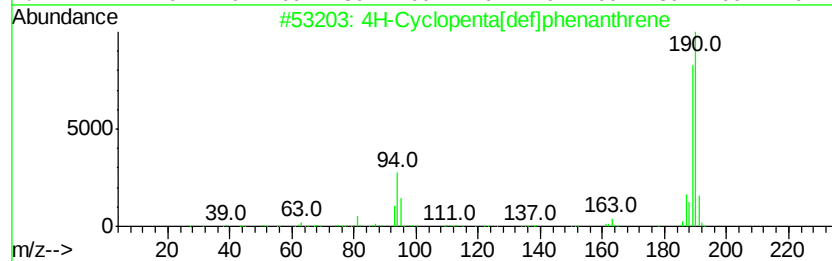
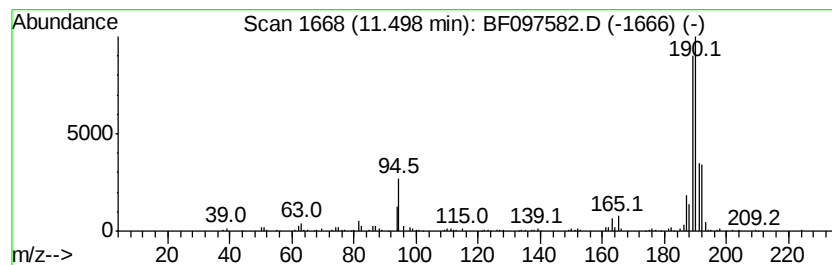
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	15.34 ng	554705	Phenanthrene-d10	10.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	38
3		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28
4		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5		2-Naphthaldehyde, 1,2,3,4-tetra...	190	C12H14O2	002472-02-8	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
Operator : SJ/JU
Sample : I4697-12 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NYSEG-PH4-ESMI-7B

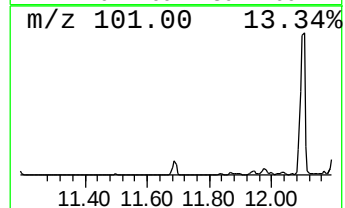
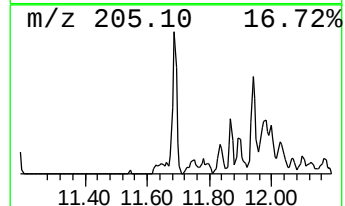
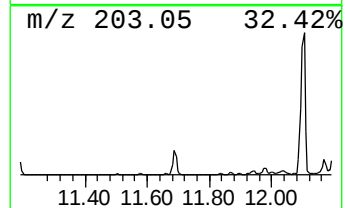
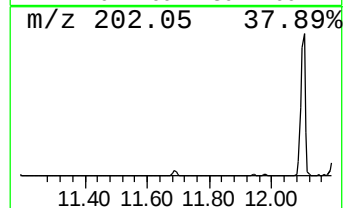
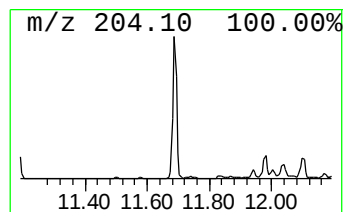
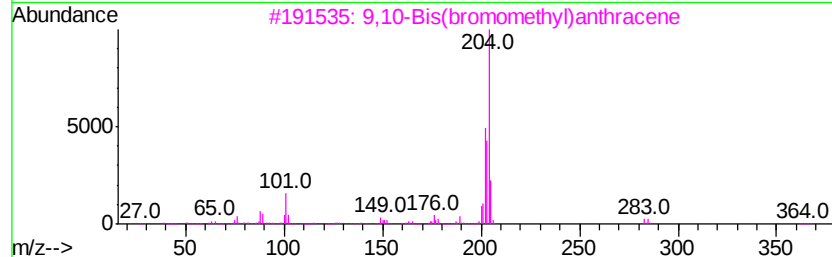
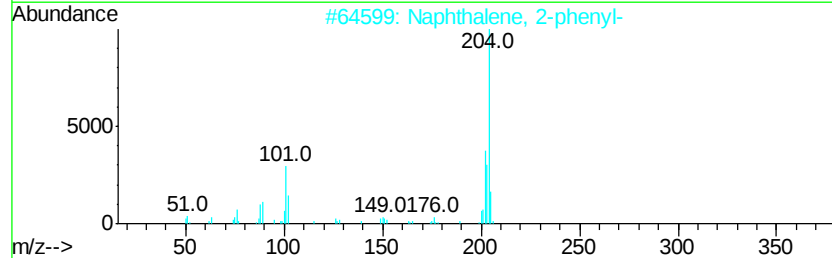
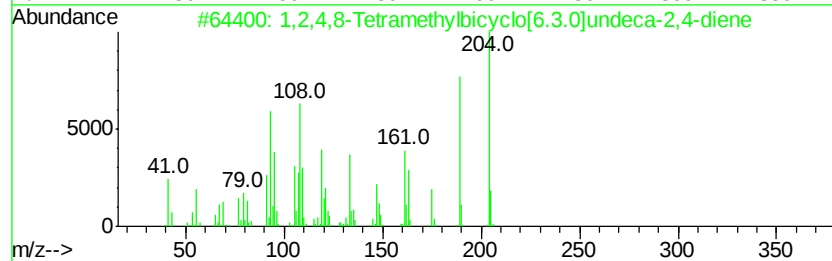
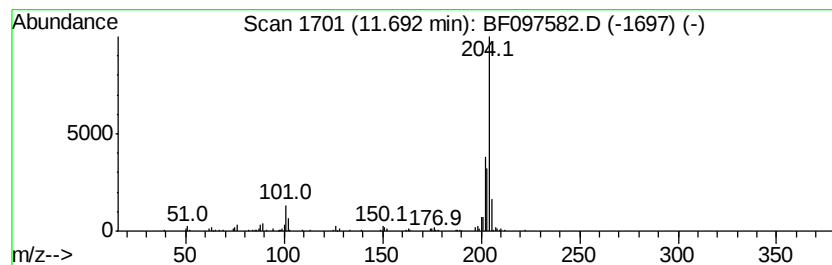
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	5.89 ng	213116	Phenanthrene-d10	10.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	86
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	64
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	64
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
Operator : SJ/JU
Sample : I4697-12 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NYSEG-PH4-ESMI-7B

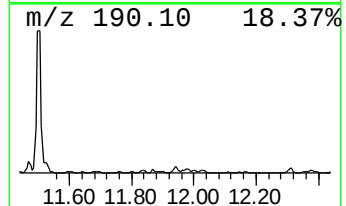
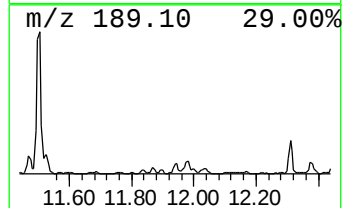
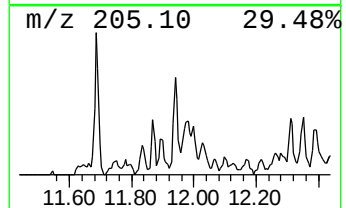
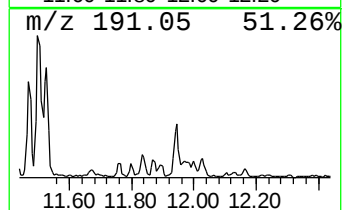
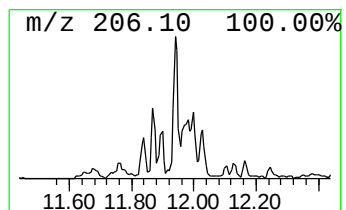
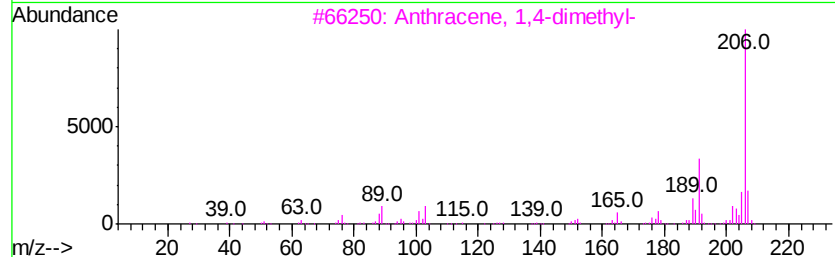
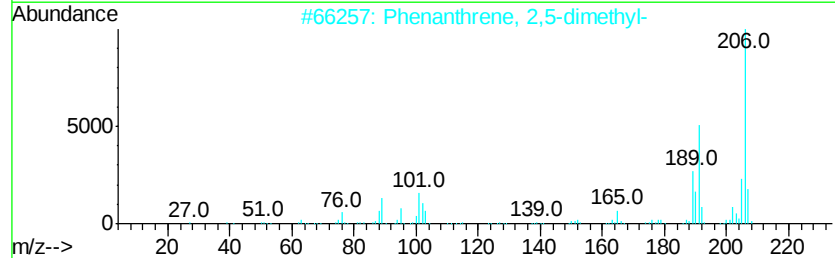
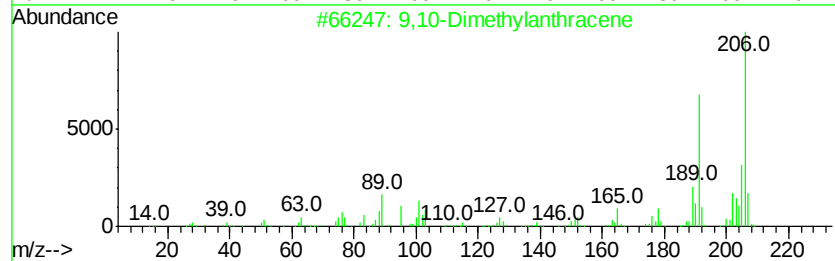
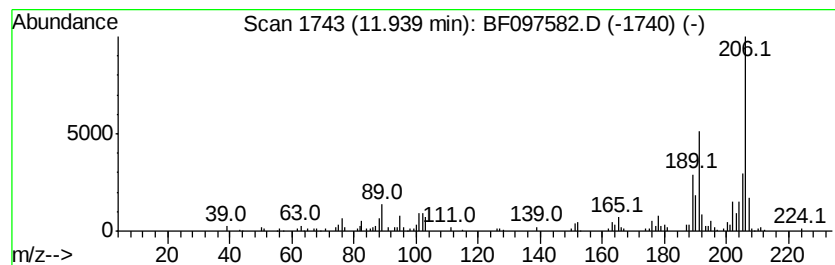
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,10-Dimethylantracene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.11 ng	148619	Phenanthrene-d10	10.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	98
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	91



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
Operator : SJ/JU
Sample : I4697-12 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

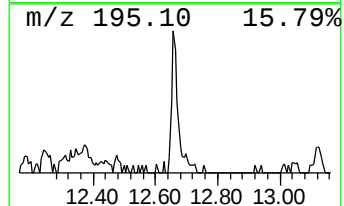
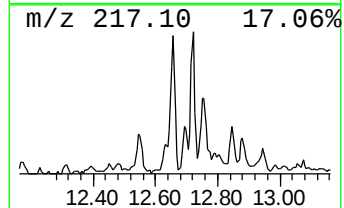
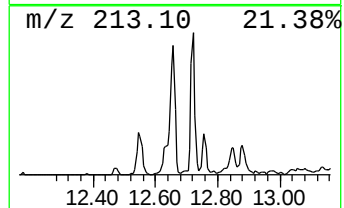
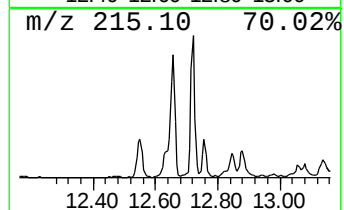
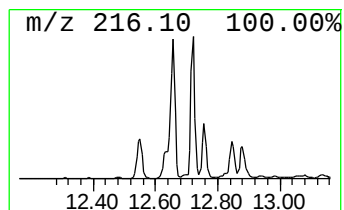
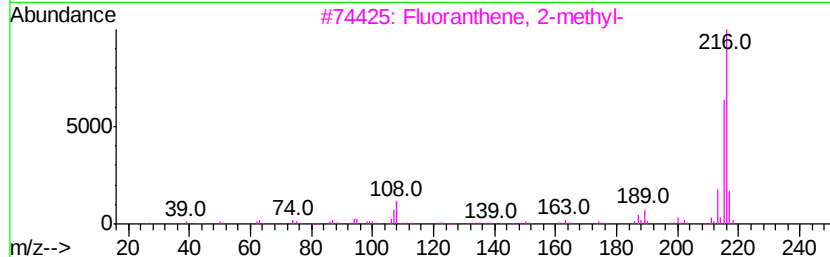
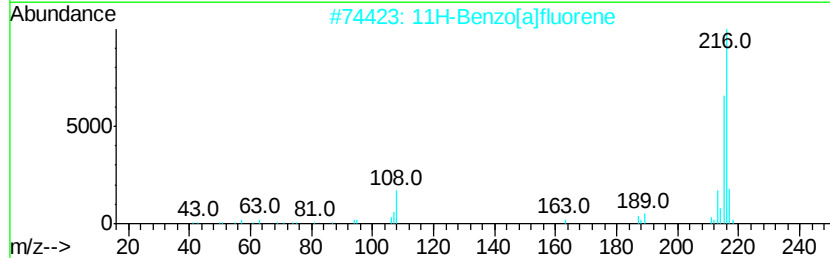
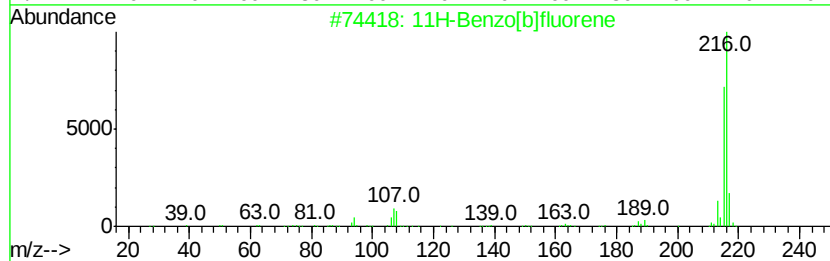
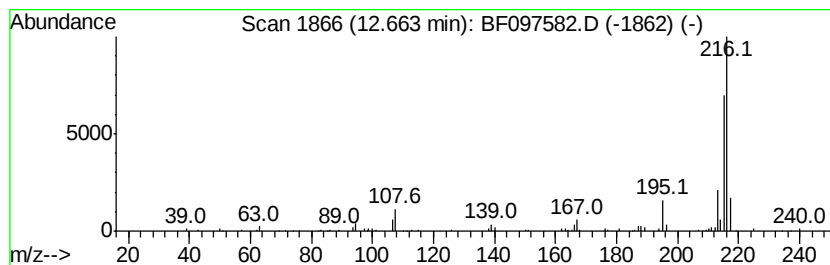
Instrument :
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ClientSampleId :
NYSEG-PH4-ESMI-7B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.66	4.38 ng	374636	Chrysene-d12	13.52		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pvrene, 2-methyl-	216	C17H12	003442-78-2	80
5		6H-Thiazolo[5,4-e]indole, 2,7,8-...	216	C12H12N2S	1000338-32-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097582.D
Acq On : 11 Aug 2017 2:29
Operator : SJ/JU
Sample : I4697-12 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

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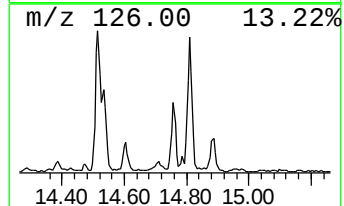
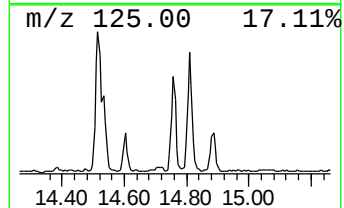
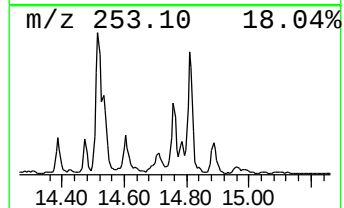
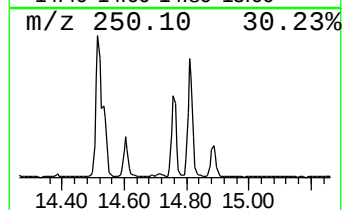
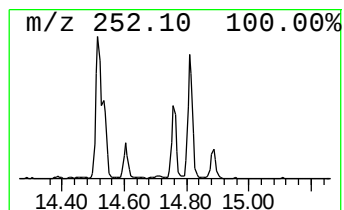
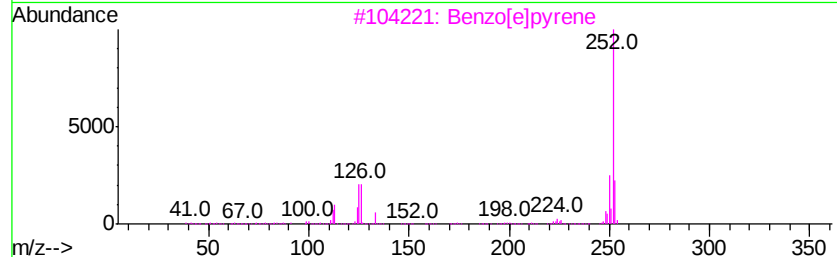
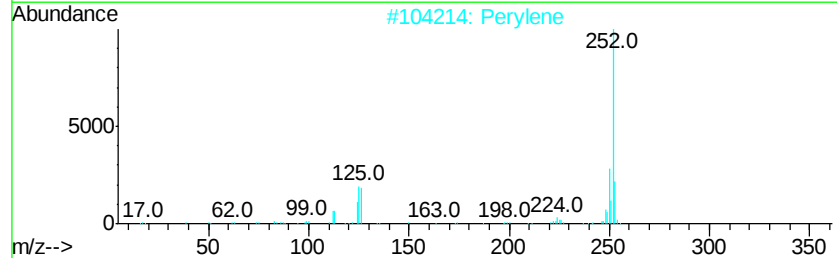
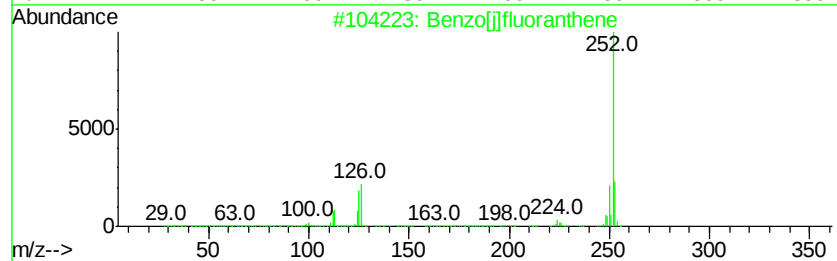
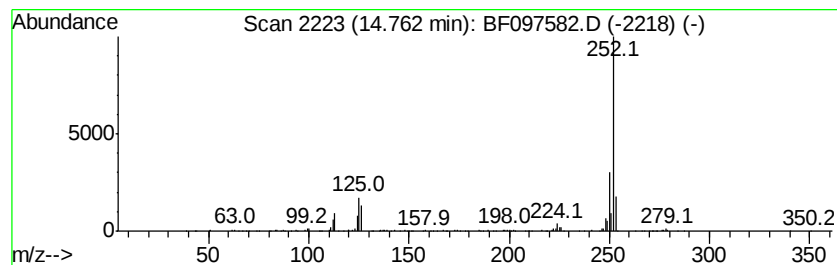
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	16.61 ng	416175	Perylene-d12	14.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[i]fluoranthene	252	C20H12	000205-82-3	96
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[e]pyrene	252	C20H12	000192-97-2	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081017\
 Data File : BF097582.D
 Acq On : 11 Aug 2017 2:29
 Operator : SJ/JU
 Sample : I4697-12 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072517.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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Naphthalene, 1-me...	8.48	6.7	ng	315553	2	7.67	946768	20.0
Naphthalene, 1,5-...	9.02	4.9	ng	213801	3	9.42	866895	20.0
Naphthalene, 2,3-...	9.09	5.4	ng	233879	3	9.42	866895	20.0
Dibenzofuran, 4-m...	10.12	4.0	ng	175633	3	9.42	866895	20.0
9H-Fluorene, 1-me...	10.51	5.6	ng	203387	4	10.89	723314	20.0
Dibenzothiophene	10.79	8.9	ng	320553	4	10.89	723314	20.0
Phenanthrene, 2-m...	11.39	9.1	ng	328761	4	10.89	723314	20.0
Phenanthrene, 1-m...	11.42	10.6	ng	384445	4	10.89	723314	20.0
4H-Cyclopenta[def...	11.50	15.3	ng	554705	4	10.89	723314	20.0
1,2,4,8-Tetrameth...	11.69	5.9	ng	213116	4	10.89	723314	20.0
9,10-Dimethylanthe...	11.94	4.1	ng	148619	4	10.89	723314	20.0
11H-Benzo[b]fluorene	12.66	4.4	ng	374636	5	13.52	1708950	20.0
Benzo[j]fluoranthene	14.76	16.6	ng	416175	6	14.86	501258	20.0