

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
 Data File : BF099923.D
 Acq On : 28 Oct 2017 17:58
 Operator : SJ/JU
 Sample : I6077-05 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL-PILE-2-COMP-2

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-BF102317.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	492	495	510	rBV	29455	50522	6.00%	0.404%
2	5.410	563	565	580	rBV	218729	326712	38.79%	2.612%
3	6.434	736	739	752	rBV	258355	361381	42.91%	2.889%
4	6.563	757	761	767	rBV	404199	414551	49.23%	3.314%
5	6.786	796	799	807	rBV	609185	547274	64.99%	4.375%
6	6.939	822	825	840	rBV	370810	337065	40.02%	2.695%
7	7.357	893	896	911	rBV	207497	229500	27.25%	1.835%
8	8.069	1014	1017	1020	rBV	855747	735878	87.38%	5.883%
9	8.786	1136	1139	1145	rBB	23017	19951	2.37%	0.159%
10	8.886	1153	1156	1161	rBB	16015	16316	1.94%	0.130%
11	9.139	1196	1199	1208	rVB	658621	506718	60.17%	4.051%
12	9.480	1253	1257	1260	rBV2	15523	15772	1.87%	0.126%
13	9.539	1264	1267	1275	rVV	64749	57236	6.80%	0.458%
14	9.604	1275	1278	1283	rVB	7328	9093	1.08%	0.073%
15	9.686	1289	1292	1296	rBV	31495	26639	3.16%	0.213%
16	9.822	1311	1315	1319	rBV	917442	764993	90.84%	6.116%
17	9.857	1319	1321	1329	rVB	57137	49026	5.82%	0.392%
18	10.033	1347	1351	1354	rBV	36150	34514	4.10%	0.276%
19	10.063	1354	1356	1361	rVB2	9224	9545	1.13%	0.076%
20	10.239	1383	1386	1390	rVB2	19348	18900	2.24%	0.151%
21	10.374	1405	1409	1416	rVB2	52539	51687	6.14%	0.413%
22	10.457	1421	1423	1426	rVB2	11957	10105	1.20%	0.081%
23	10.533	1434	1436	1440	rVB2	26035	24457	2.90%	0.196%
24	10.616	1447	1450	1456	rBV2	184391	180245	21.40%	1.441%
25	10.710	1463	1466	1472	rBV4	24209	37975	4.51%	0.304%
26	10.921	1494	1502	1505	rBV3	16901	24275	2.88%	0.194%
27	11.069	1525	1527	1533	rVB	10397	10595	1.26%	0.085%
28	11.133	1533	1538	1540	rVV2	24508	22407	2.66%	0.179%
29	11.163	1540	1543	1546	rVV2	31743	36870	4.38%	0.295%
30	11.210	1549	1551	1555	rVB	26873	23065	2.74%	0.184%
31	11.316	1565	1569	1571	rBV	668188	654044	77.66%	5.229%
32	11.339	1571	1573	1577	rVV	501895	416341	49.44%	3.328%
33	11.392	1577	1582	1587	rVV	112692	105428	12.52%	0.843%
34	11.439	1587	1590	1593	rVB	9667	11373	1.35%	0.091%

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 ClientSampleId :
 FILL-PILE-2-COMP-2

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-BF102317.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.557	1605	1610	1613	rBV2	54789	56084	6.66%	0.448%
36	11.586	1613	1615	1617	rVV	18392	13739	1.63%	0.110%
37	11.645	1620	1625	1626	rBV4	8902	12358	1.47%	0.099%
38	11.816	1651	1654	1657	rBV	66189	71943	8.54%	0.575%
39	11.845	1657	1659	1664	rVV2	95936	92247	10.95%	0.737%
40	11.892	1664	1667	1670	rVV	29794	28666	3.40%	0.229%
41	11.927	1670	1673	1675	rVV2	102274	105195	12.49%	0.841%
42	11.951	1675	1677	1682	rVB	50487	43326	5.14%	0.346%
43	11.992	1682	1684	1689	rBV3	21306	23923	2.84%	0.191%
44	12.110	1701	1704	1708	rBV	45189	42043	4.99%	0.336%
45	12.157	1709	1712	1714	rBV2	27639	22796	2.71%	0.182%
46	12.257	1727	1729	1733	rBV4	13822	19064	2.26%	0.152%
47	12.292	1733	1735	1737	rVB	16478	11731	1.39%	0.094%
48	12.315	1737	1739	1741	rBV2	11329	10190	1.21%	0.081%
49	12.339	1741	1743	1745	rBV2	46562	37870	4.50%	0.303%
50	12.363	1745	1747	1749	rBV	40176	34668	4.12%	0.277%
51	12.427	1756	1758	1760	rVB2	18129	12101	1.44%	0.097%
52	12.468	1760	1765	1772	rVB3	29731	52699	6.26%	0.421%
53	12.533	1772	1776	1780	rBV	619926	577657	68.59%	4.618%
54	12.598	1784	1787	1788	rBV3	16682	19557	2.32%	0.156%
55	12.680	1798	1801	1804	rBV2	32224	34065	4.04%	0.272%
56	12.762	1809	1815	1820	rBV	529558	584128	69.36%	4.670%
57	12.810	1820	1823	1827	rVB	30560	27622	3.28%	0.221%
58	12.863	1830	1832	1833	rBV2	14993	11295	1.34%	0.090%
59	12.892	1833	1837	1841	rBV	378024	334167	39.68%	2.671%
60	12.933	1841	1844	1847	rVB	27347	29231	3.47%	0.234%
61	12.974	1847	1851	1856	rBV4	36335	61271	7.28%	0.490%
62	13.021	1857	1859	1862	rBV2	14868	15800	1.88%	0.126%
63	13.068	1862	1867	1868	rBV3	31884	44018	5.23%	0.352%
64	13.092	1868	1871	1873	rVB	66508	58856	6.99%	0.471%
65	13.157	1879	1882	1884	rBV	50356	40940	4.86%	0.327%
66	13.192	1884	1888	1892	rBV3	47844	54552	6.48%	0.436%
67	13.286	1902	1904	1907	rVB	29446	23224	2.76%	0.186%
68	13.321	1907	1910	1915	rVB2	39400	56134	6.67%	0.449%
69	13.610	1957	1959	1962	rVB	37937	33662	4.00%	0.269%
70	13.715	1974	1977	1979	rBV2	45881	46684	5.54%	0.373%
71	13.733	1979	1980	1983	rVV	45744	32596	3.87%	0.261%

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 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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72	13.780	1983	1988	1993	rVV4	58155	110563	13.13%	0.884%
73	13.821	1993	1995	2000	rVB	42394	44189	5.25%	0.353%
74	13.915	2009	2011	2013	rBV	28615	25847	3.07%	0.207%
75	13.962	2014	2019	2022	rVV2	637769	842152	100.00%	6.733%
76	13.986	2022	2023	2027	rVB	250829	199096	23.64%	1.592%
77	14.068	2035	2037	2040	rBV	47201	49159	5.84%	0.393%
78	14.127	2045	2047	2051	rVB3	32280	27831	3.30%	0.222%
79	14.168	2052	2054	2058	rBV3	20547	34248	4.07%	0.274%
80	14.309	2076	2078	2080	rBV	20980	19962	2.37%	0.160%
81	14.351	2080	2085	2089	rVV	63156	74613	8.86%	0.596%
82	14.386	2089	2091	2092	rBV	22433	17653	2.10%	0.141%
83	14.457	2100	2103	2105	rBV4	32252	44585	5.29%	0.356%
84	15.004	2192	2196	2198	rBV	258702	343951	40.84%	2.750%
85	15.027	2198	2200	2206	rVB	267905	258638	30.71%	2.068%
86	15.109	2211	2214	2219	rBV	47502	61204	7.27%	0.489%
87	15.304	2243	2247	2251	rBV	151283	166803	19.81%	1.333%
88	15.368	2254	2258	2264	rBV	209280	273892	32.52%	2.190%
89	15.427	2264	2268	2271	rVV	459141	541353	64.28%	4.328%
90	15.456	2271	2273	2280	rVB2	67824	92492	10.98%	0.739%
91	15.803	2330	2332	2338	rVB	33459	45524	5.41%	0.364%
92	16.898	2513	2518	2525	rVB2	90015	166055	19.72%	1.328%
93	17.345	2588	2594	2603	rBV	69008	152358	18.09%	1.218%

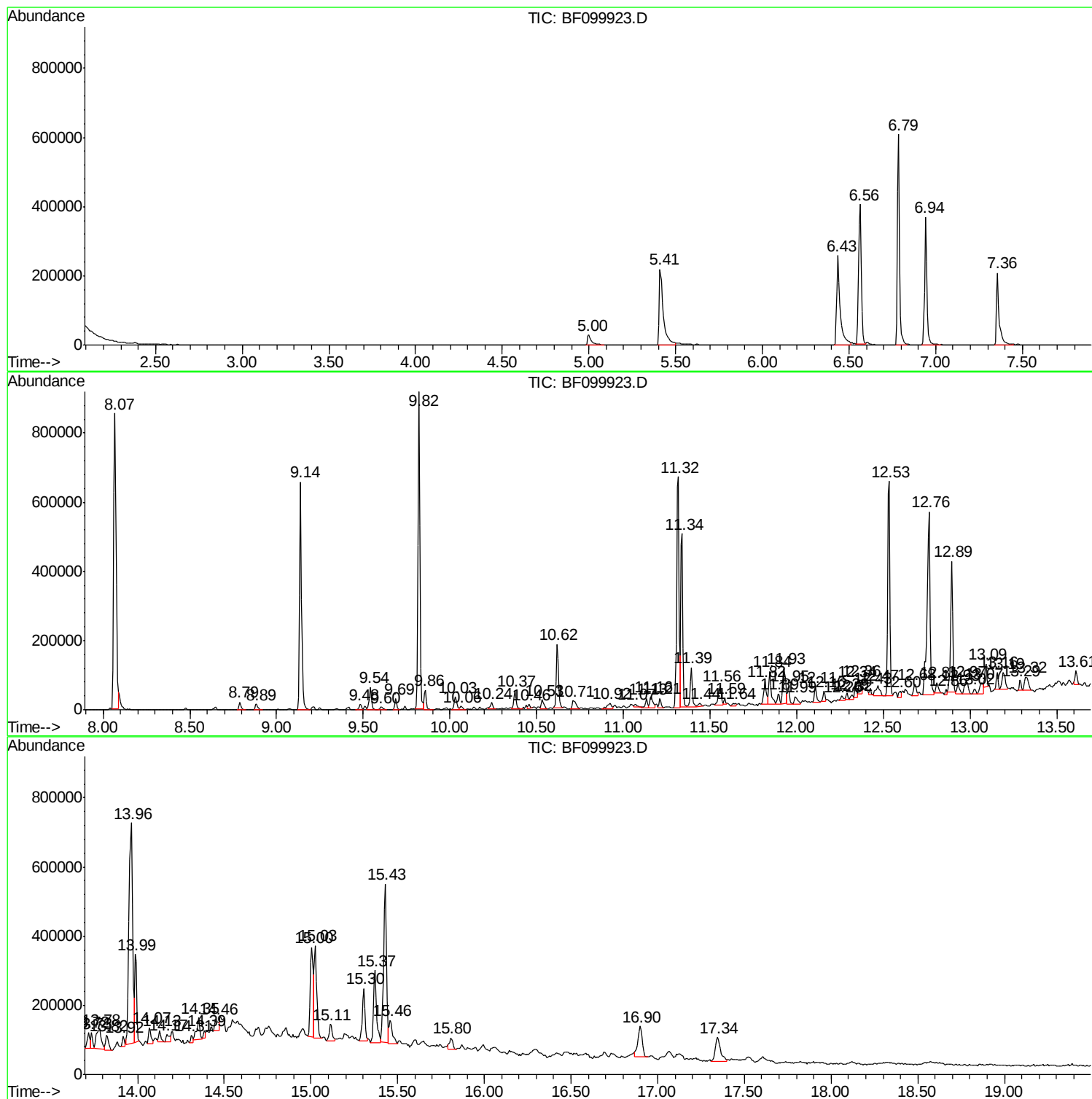
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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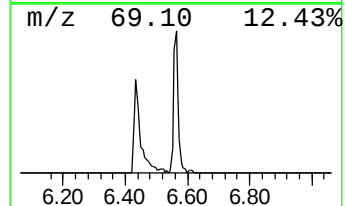
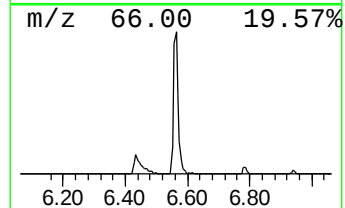
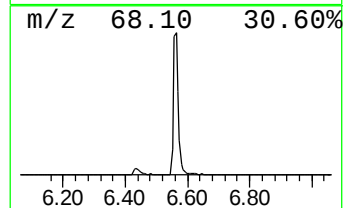
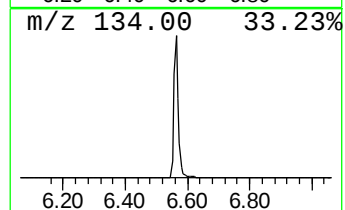
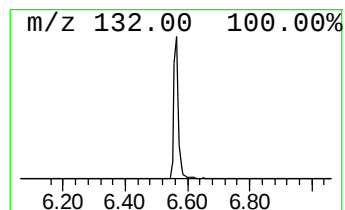
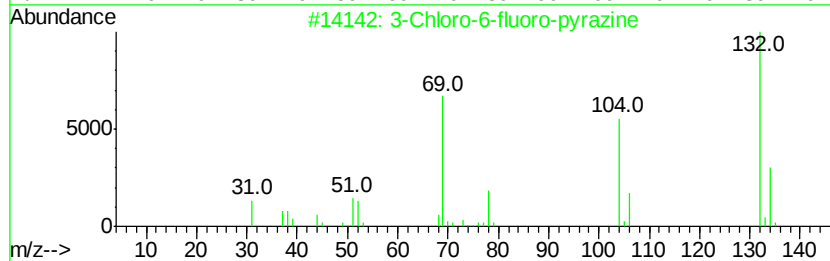
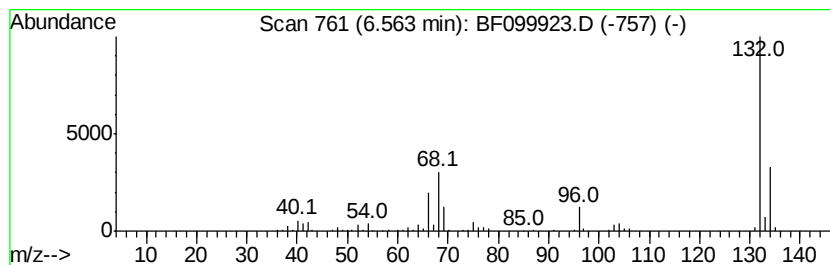
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	15.15 ng	414551	1,4-Dichlorobenzene-d4	6.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Amphetaminil	250	C17H18N2	017590-01-1	12
5		1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10



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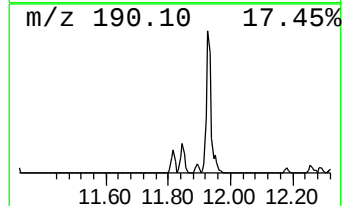
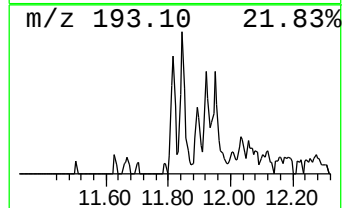
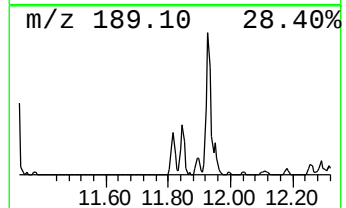
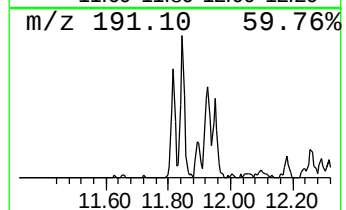
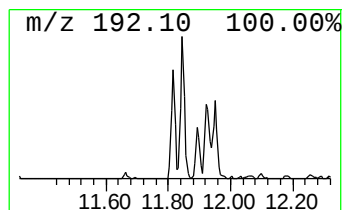
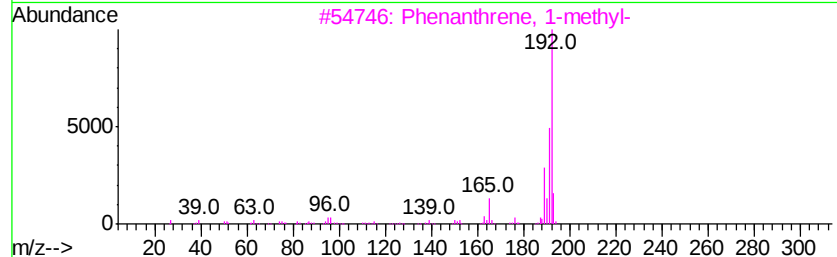
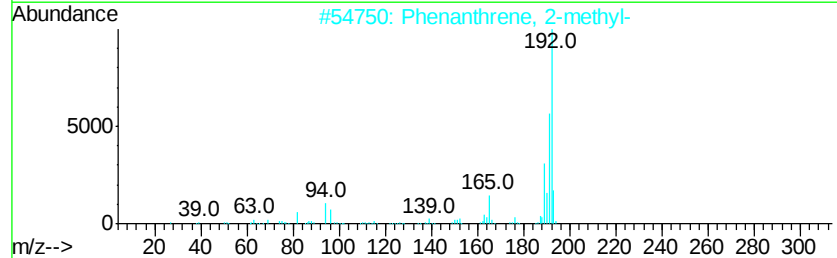
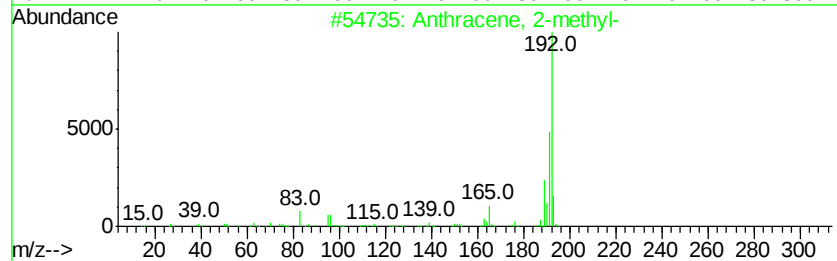
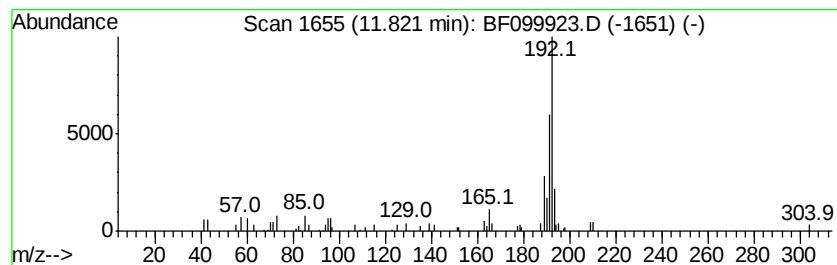
Instrument :
BNA_F
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.82	2.20 ng	71943	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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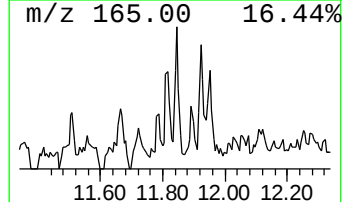
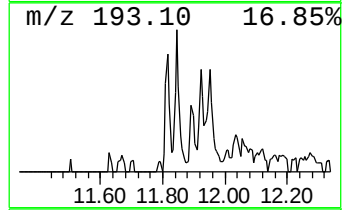
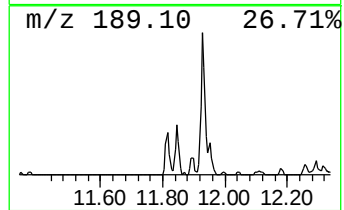
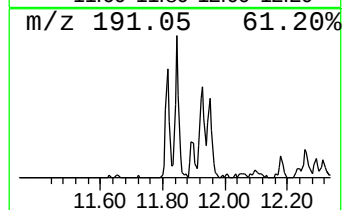
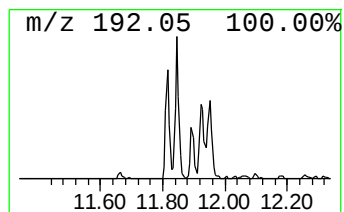
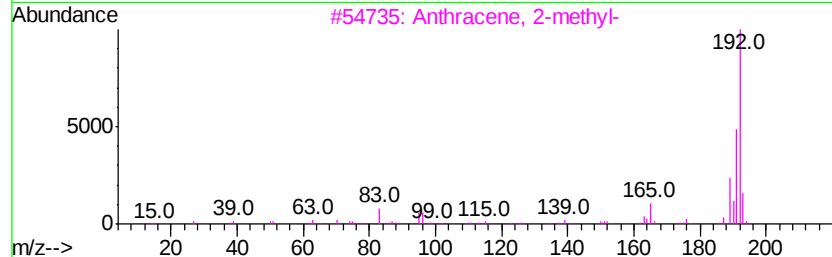
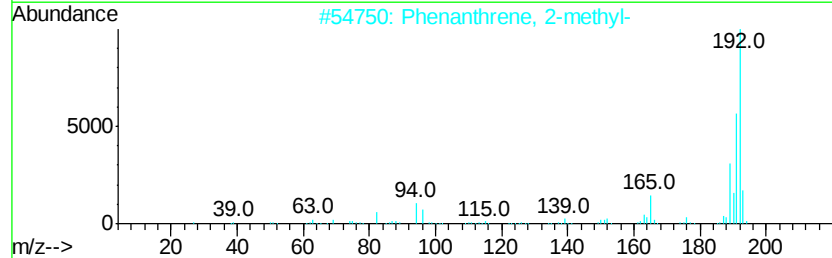
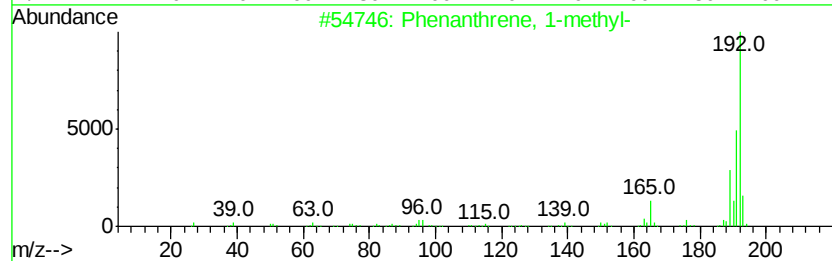
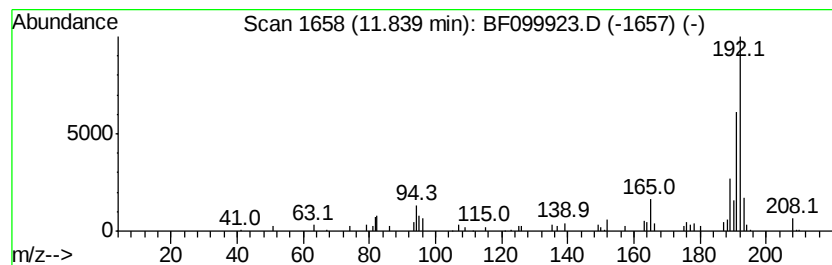
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.84	2.82 ng	92247	Phenanthrene-d10		11.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93



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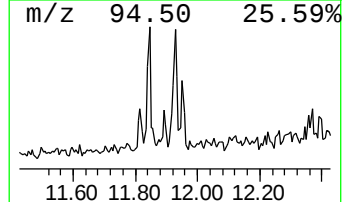
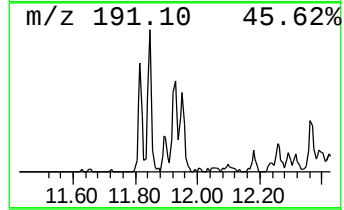
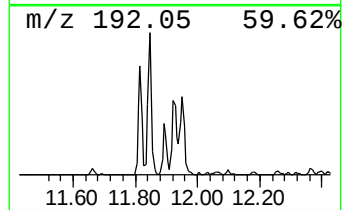
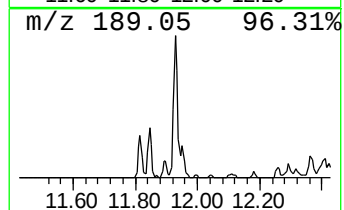
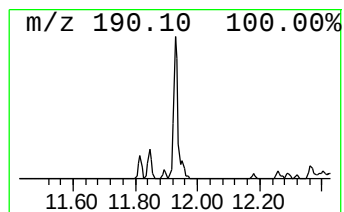
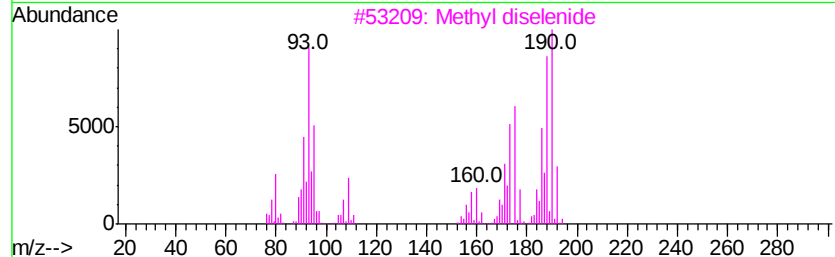
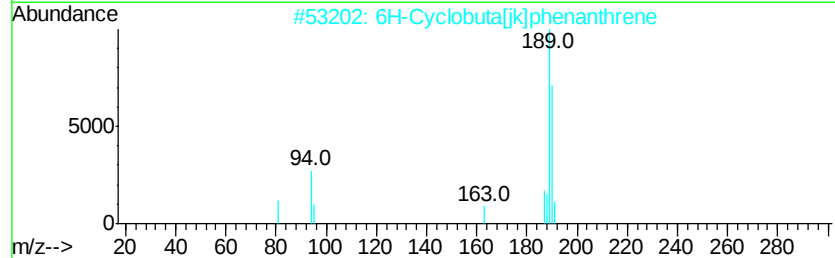
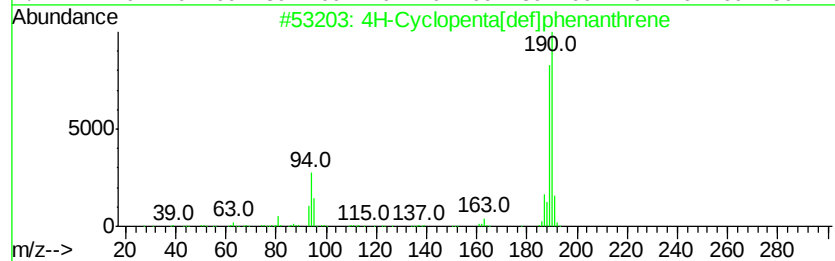
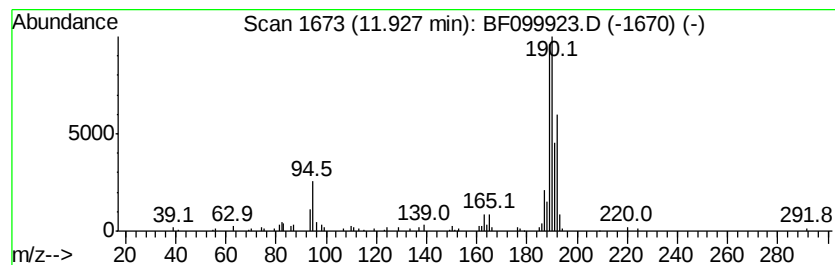
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.22 ng	105195	Phenanthrene-d10	11.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	58
3		Methyl diselenide	190	C2H6Se2	007101-31-7	45
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5		2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099923.D
Acq On : 28 Oct 2017 17:58
Operator : SJ/JU
Sample : I6077-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

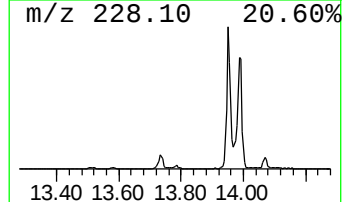
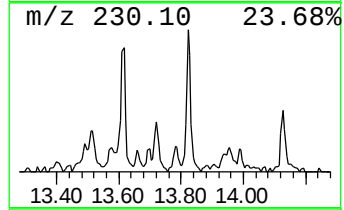
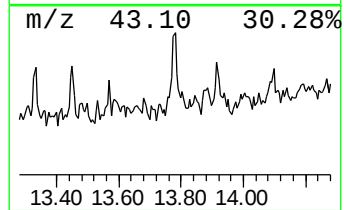
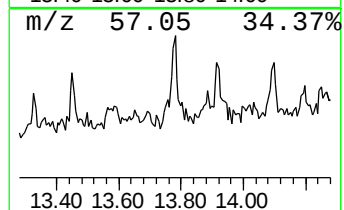
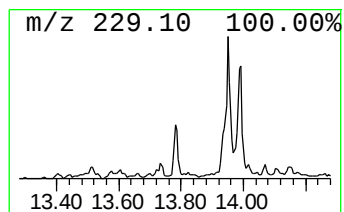
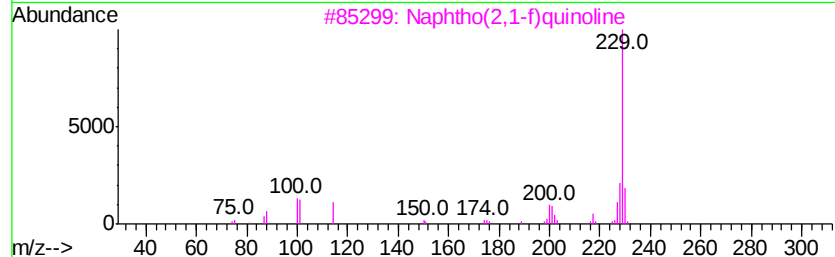
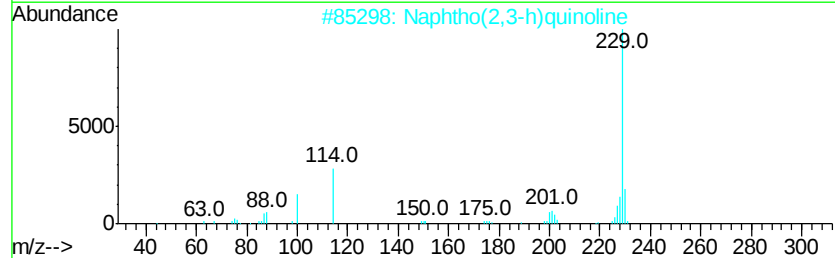
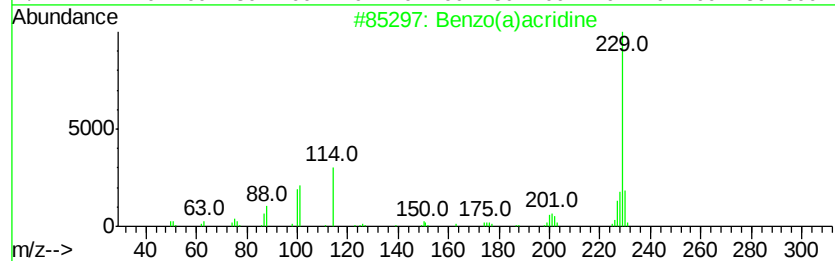
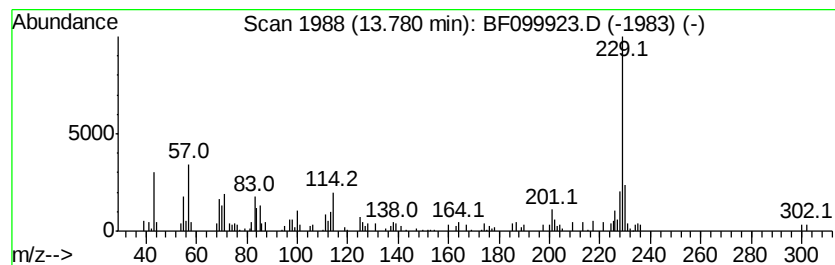
Instrument :
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ClientSampleId :
FILL-PILE-2-COMP-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo(a)acridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.78	2.63 ng	110563	Chrysene-d12	13.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo(a)acridine	229	C17H11N	000225-11-6	87
2		Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	83
3		Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	72
4		Pyridine-3-carbonitrile, 4-methv...	230	C12H10N2OS	1000264-04-1	47
5		Indan, 6-tert-butyl-1,1,3,4-tetr...	300	C22H36	029577-23-9	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102817\
Data File : BF099923.D
Acq On : 28 Oct 2017 17:58
Operator : SJ/JU
Sample : I6077-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-2-COMP-2

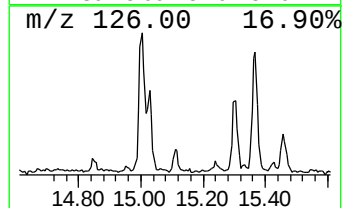
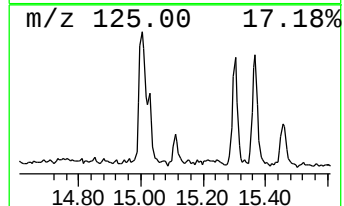
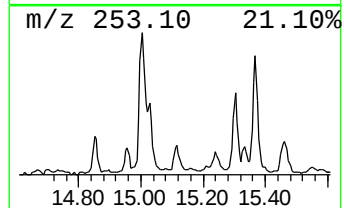
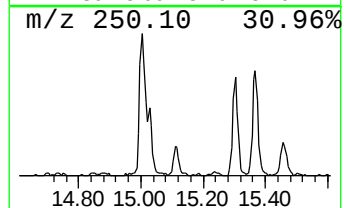
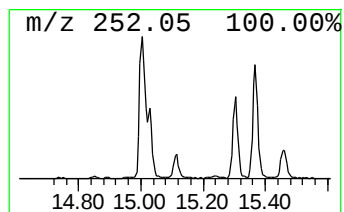
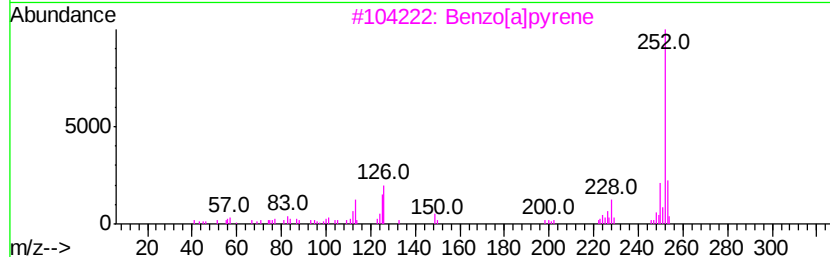
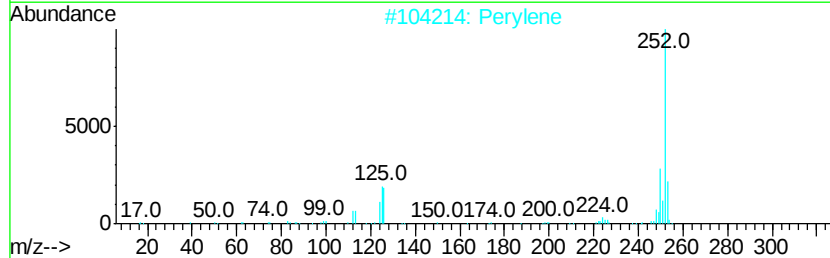
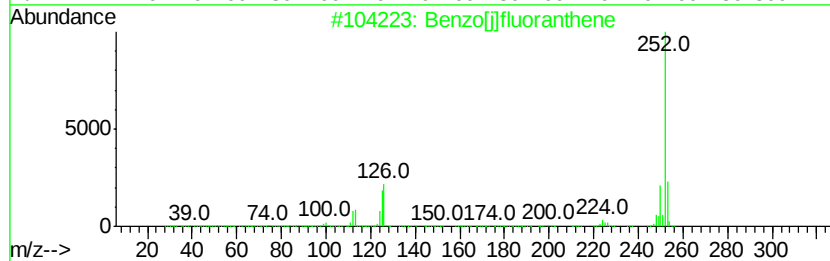
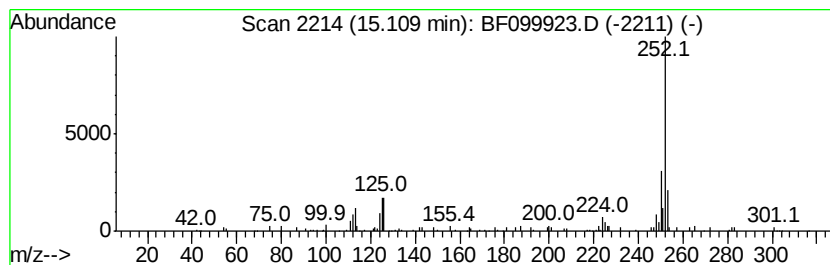
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzo[j]fluoranthene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	2.26 ng	61204	Perylene-d12	15.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
2		Perylene	252	C20H12	000198-55-0	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[e]pyrene	252	C20H12	000192-97-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102817\
Data File : BF099923.D
Acq On : 28 Oct 2017 17:58
Operator : SJ/JU
Sample : I6077-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

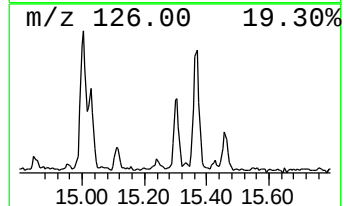
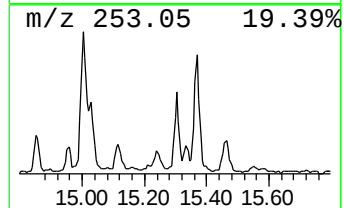
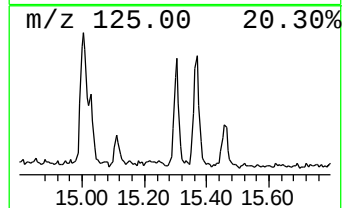
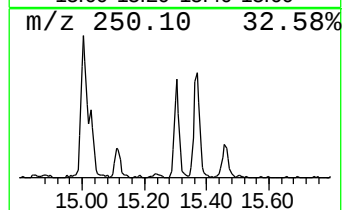
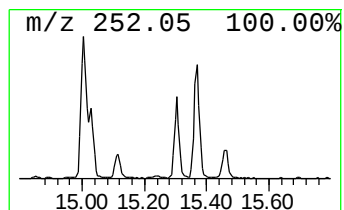
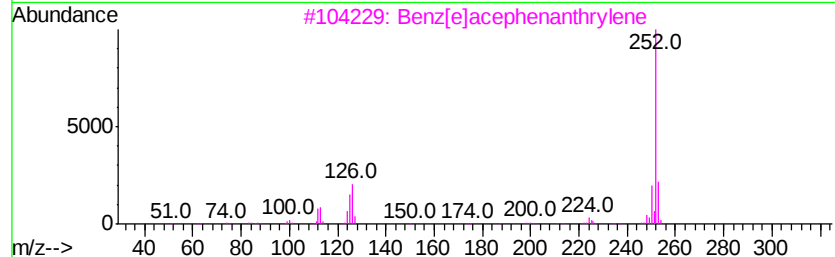
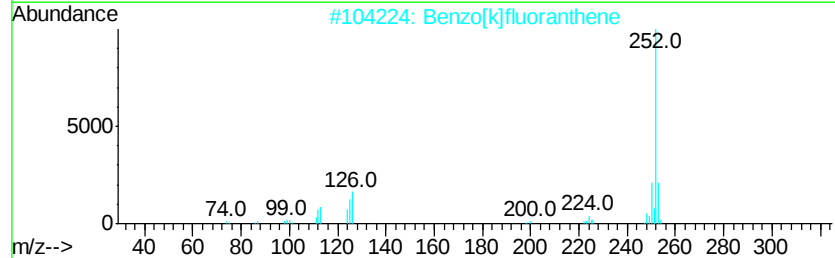
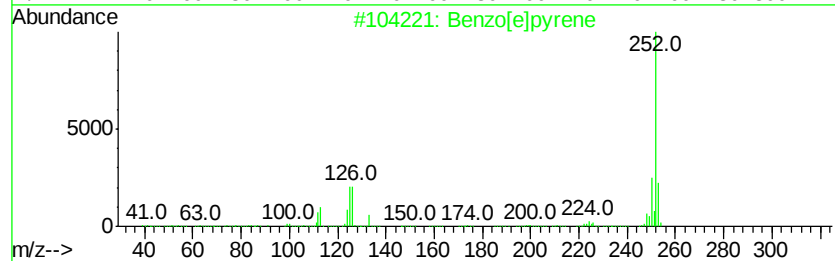
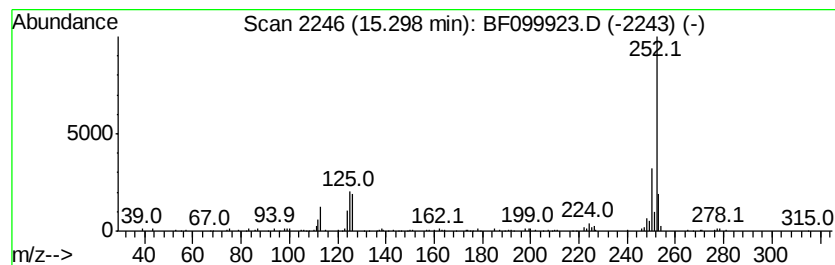
Instrument :
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ClientSampleId :
FILL-PILE-2-COMP-2

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.30	6.16 ng	166803	Perylene-d12	15.43	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	96
4	Perylene	252	C20H12	000198-55-0	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102817\
Data File : BF099923.D
Acq On : 28 Oct 2017 17:58
Operator : SJ/JU
Sample : I6077-05 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FILL-PILE-2-COMP-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102317.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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Anthracene, 2-met...	11.82	2.2	ng	71943	4	11.32	654044	20.0
Phenanthrene, 1-m...	11.84	2.8	ng	92247	4	11.32	654044	20.0
4H-Cyclopenta[def...	11.93	3.2	ng	105195	4	11.32	654044	20.0
Benzo(a)acridine	13.78	2.6	ng	110563	5	13.96	842152	20.0
Benzo[j]fluoranthene	15.11	2.3	ng	61204	6	15.43	541353	20.0
Benzo[e]pyrene	15.30	6.2	ng	166803	6	15.43	541353	20.0