

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090718\
 Data File : BF108863.D
 Acq On : 7 Sep 2018 16:25
 Operator : JU/SJ
 Sample : J4775-03 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-090618-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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	4.913	436	438	445	rVB	30060	34254	1.67%	0.117%
2	5.337	506	510	513	rBV	1028727	905022	44.06%	3.100%
3	6.360	680	684	687	rBV	1215903	956084	46.55%	3.275%
4	6.501	704	708	711	rBV	1097681	979760	47.70%	3.356%
5	6.737	744	748	751	rBV	1696396	1368935	66.65%	4.689%
6	6.890	770	774	778	rBV	994473	774136	37.69%	2.652%
7	7.289	836	842	845	rBV	790957	596893	29.06%	2.045%
8	8.019	962	966	968	rBV	2142368	1834056	89.29%	6.282%
9	8.036	968	969	972	rVB	62709	36995	1.80%	0.127%
10	8.460	1037	1041	1045	rBV3	19692	31501	1.53%	0.108%
11	8.731	1083	1087	1090	rVB	64445	62796	3.06%	0.215%
12	8.825	1097	1103	1108	rBV	79943	82784	4.03%	0.284%
13	9.054	1138	1142	1144	rVB3	38251	32816	1.60%	0.112%
14	9.089	1145	1148	1151	rBV	1519257	1148175	55.90%	3.933%
15	9.189	1160	1165	1168	rBV2	61537	63300	3.08%	0.217%
16	9.348	1190	1192	1196	rBV2	50206	67768	3.30%	0.232%
17	9.425	1202	1205	1208	rBV	83516	77473	3.77%	0.265%
18	9.454	1208	1210	1212	rVB	60242	40958	1.99%	0.140%
19	9.483	1212	1215	1218	rBV	299890	225820	10.99%	0.774%
20	9.542	1222	1225	1227	rBV	40962	28087	1.37%	0.096%
21	9.625	1236	1239	1242	rBV	107326	89757	4.37%	0.307%
22	9.713	1252	1254	1258	rVB	31258	27739	1.35%	0.095%
23	9.766	1258	1263	1266	rBV2	2435074	2053965	100.00%	7.036%
24	9.795	1266	1268	1272	rVB	151522	122728	5.98%	0.420%
25	9.872	1278	1281	1286	rBV2	34279	47945	2.33%	0.164%
26	9.966	1294	1297	1301	rVB	114816	123173	6.00%	0.422%
27	10.007	1301	1304	1307	rBV	57844	52315	2.55%	0.179%
28	10.042	1307	1310	1312	rVB2	38835	36219	1.76%	0.124%
29	10.083	1312	1317	1320	rBV2	57481	68530	3.34%	0.235%
30	10.113	1320	1322	1324	rVB	38988	27621	1.34%	0.095%
31	10.178	1328	1333	1337	rBV4	30703	61699	3.00%	0.211%
32	10.213	1337	1339	1341	rVB2	44483	30616	1.49%	0.105%
33	10.266	1345	1348	1352	rVB5	29779	41527	2.02%	0.142%
34	10.307	1352	1355	1358	rBV	201637	173289	8.44%	0.594%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.378	1362	1367	1368	rBV	44222	45529	2.22%	0.156%
36	10.436	1373	1377	1380	rVV4	40750	64237	3.13%	0.220%
37	10.466	1380	1382	1388	rVB3	64455	82300	4.01%	0.282%
38	10.548	1392	1396	1401	rVB	657309	613522	29.87%	2.102%
39	10.683	1414	1419	1420	rBV3	65819	70814	3.45%	0.243%
40	10.860	1442	1449	1451	rBV4	63617	106573	5.19%	0.365%
41	10.883	1451	1453	1456	rVV2	70370	65237	3.18%	0.223%
42	10.913	1456	1458	1460	rVV2	44011	41318	2.01%	0.142%
43	10.942	1460	1463	1466	rVB3	35684	41138	2.00%	0.141%
44	11.007	1472	1474	1476	rVB2	42037	29838	1.45%	0.102%
45	11.042	1478	1480	1486	rVB3	27868	42741	2.08%	0.146%
46	11.095	1486	1489	1492	rBV3	40626	51568	2.51%	0.177%
47	11.136	1492	1496	1499	rVV2	134164	149541	7.28%	0.512%
48	11.160	1499	1500	1505	rVB	60431	46889	2.28%	0.161%
49	11.242	1510	1514	1516	rBV	2119846	1896004	92.31%	6.495%
50	11.266	1516	1518	1521	rVB	1422728	1029359	50.12%	3.526%
51	11.313	1521	1526	1530	rVB	335293	313217	15.25%	1.073%
52	11.354	1530	1533	1535	rBV3	51706	58082	2.83%	0.199%
53	11.466	1548	1552	1556	rBV3	54868	68258	3.32%	0.234%
54	11.542	1562	1565	1566	rBV	35762	30805	1.50%	0.106%
55	11.572	1568	1570	1573	rVB	90704	72361	3.52%	0.248%
56	11.654	1581	1584	1588	rVB	78096	85640	4.17%	0.293%
57	11.742	1596	1599	1601	rBV	238802	208256	10.14%	0.713%
58	11.772	1601	1604	1609	rVB	316288	275566	13.42%	0.944%
59	11.819	1609	1612	1614	rBV	109361	93831	4.57%	0.321%
60	11.854	1614	1618	1620	rVV	379582	384882	18.74%	1.318%
61	11.877	1620	1622	1625	rVB	154473	121111	5.90%	0.415%
62	11.960	1634	1636	1638	rBV2	39411	32257	1.57%	0.110%
63	12.036	1646	1649	1651	rBV	131874	109538	5.33%	0.375%
64	12.119	1660	1663	1665	rBV3	30537	42481	2.07%	0.146%
65	12.166	1669	1671	1673	rVV2	42032	44268	2.16%	0.152%
66	12.189	1673	1675	1677	rVV	65679	62353	3.04%	0.214%
67	12.219	1677	1680	1682	rVV	79060	87168	4.24%	0.299%
68	12.242	1682	1684	1686	rVB	84261	65168	3.17%	0.223%
69	12.289	1689	1692	1695	rVV	170067	185908	9.05%	0.637%
70	12.330	1695	1699	1701	rVV3	129612	174813	8.51%	0.599%
71	12.348	1701	1702	1704	rVV	114132	72664	3.54%	0.249%

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72	12.371	1704	1706	1711	rVB4	55588	85890	4.18%	0.294%
73	12.448	1716	1719	1723	rBV	1329632	1096585	53.39%	3.756%
74	12.501	1725	1728	1733	rVB5	52453	82121	4.00%	0.281%
75	12.601	1742	1745	1748	rVB2	42666	41131	2.00%	0.141%
76	12.677	1752	1758	1760	rBV	1063162	1141904	55.60%	3.911%
77	12.795	1775	1778	1780	rBV	73358	74639	3.63%	0.256%
78	12.824	1780	1783	1790	rVB	956396	932880	45.42%	3.195%
79	12.895	1792	1795	1798	rVV2	101145	126095	6.14%	0.432%
80	12.948	1802	1804	1807	rVV3	35521	38949	1.90%	0.133%
81	12.983	1807	1810	1811	rVV3	80215	93754	4.56%	0.321%
82	13.001	1811	1813	1817	rVB	190985	190432	9.27%	0.652%
83	13.071	1822	1825	1828	rVB	207507	175331	8.54%	0.601%
84	13.107	1828	1831	1834	rBV	164254	162058	7.89%	0.555%
85	13.195	1844	1846	1849	rVB	108961	96985	4.72%	0.332%
86	13.230	1849	1852	1855	rBV	109074	99284	4.83%	0.340%
87	13.413	1880	1883	1887	rVB3	63649	87295	4.25%	0.299%
88	13.618	1914	1918	1921	rBV2	105057	145052	7.06%	0.497%
89	13.648	1921	1923	1925	rVV	57594	48122	2.34%	0.165%
90	13.866	1955	1960	1963	rBV2	1699895	1903121	92.66%	6.519%
91	13.889	1963	1964	1970	rVB	394570	338614	16.49%	1.160%
92	13.971	1976	1978	1981	rVB	73505	52150	2.54%	0.179%
93	14.054	1990	1992	1995	rVB2	75518	66181	3.22%	0.227%
94	14.254	2024	2026	2029	rVB	124830	103411	5.03%	0.354%
95	14.877	2128	2132	2135	rBV	342981	537374	26.16%	1.841%
96	14.977	2146	2149	2152	rVB	192154	182298	8.88%	0.624%
97	15.160	2177	2180	2185	rVB	254960	286322	13.94%	0.981%
98	15.218	2186	2190	2193	rBV	319659	375383	18.28%	1.286%
99	15.277	2196	2200	2203	rBV	1200860	1360320	66.23%	4.660%

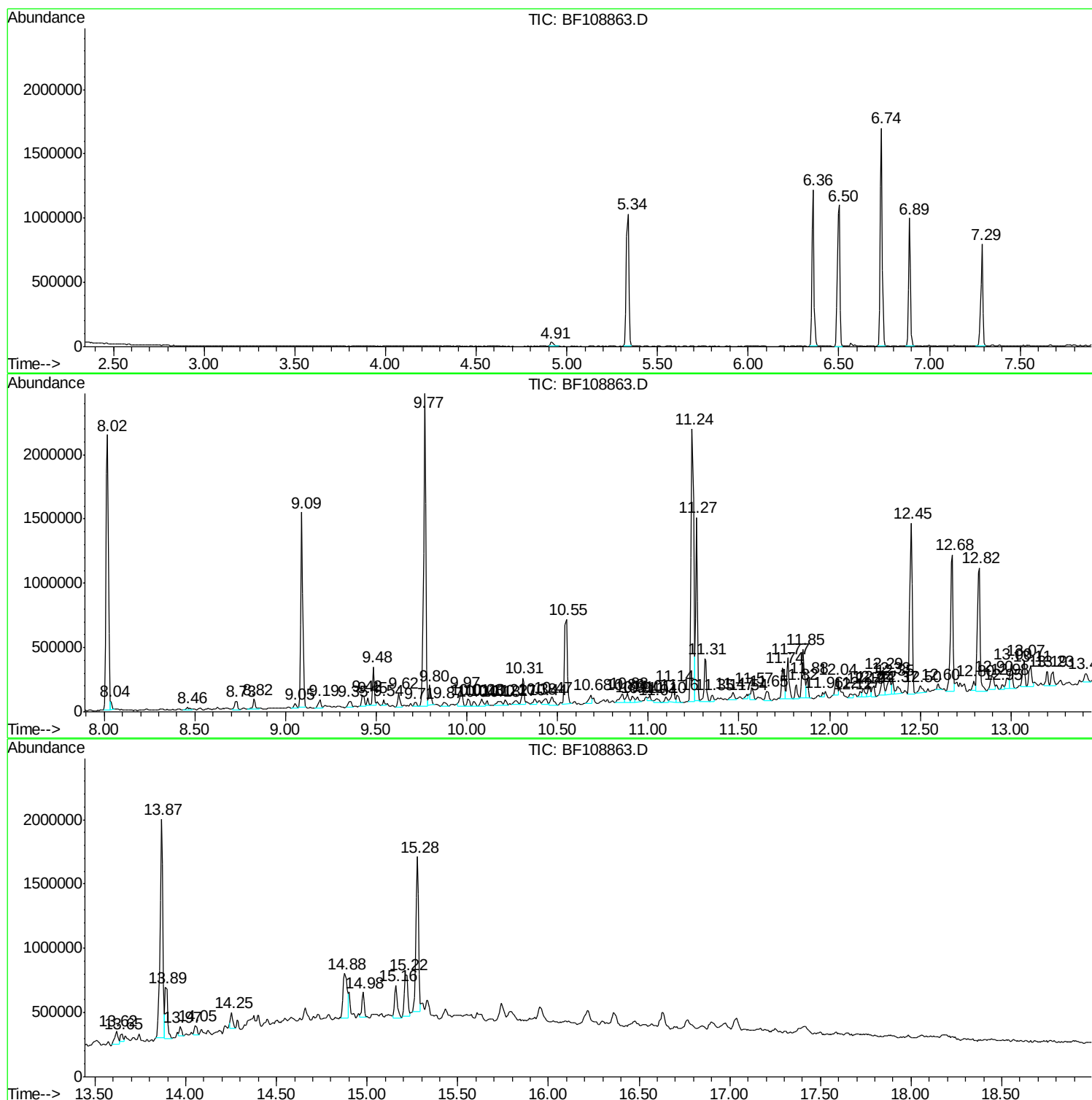
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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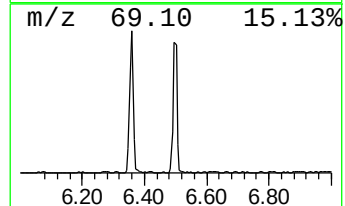
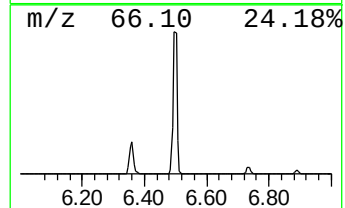
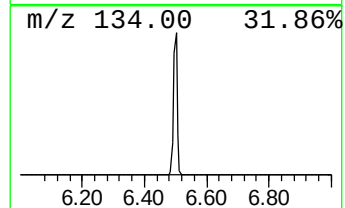
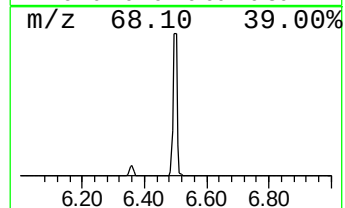
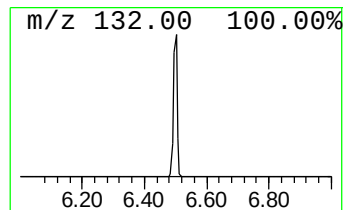
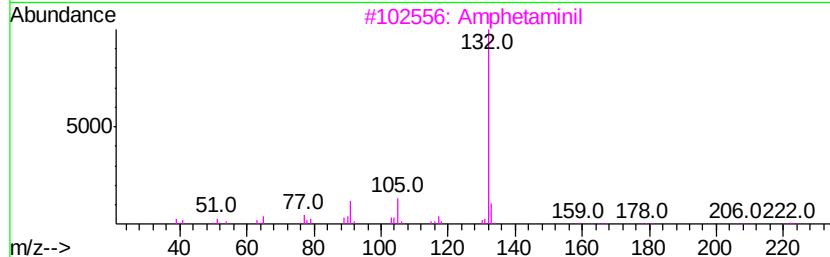
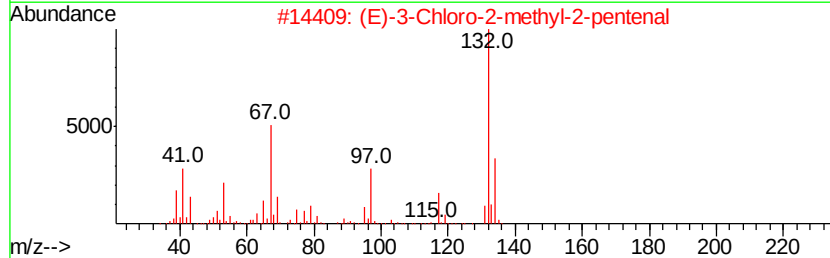
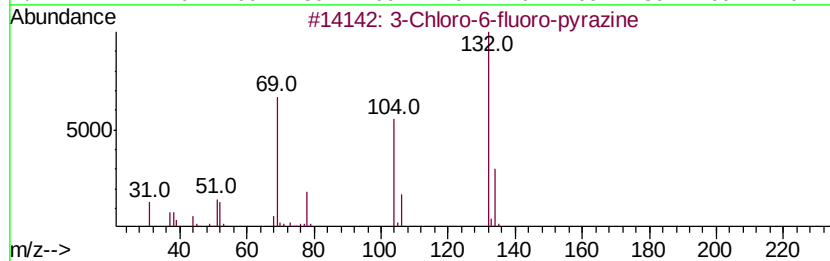
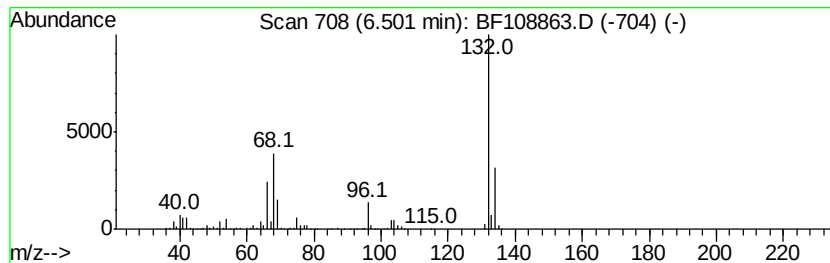
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	14.31 ng	979760	1,4-Dichlorobenzene-d4	6.74

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	16
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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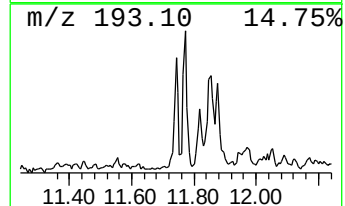
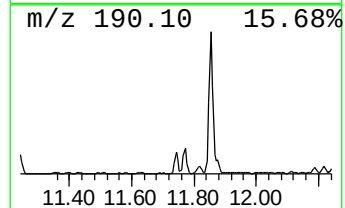
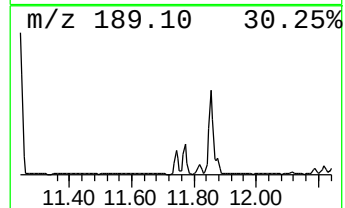
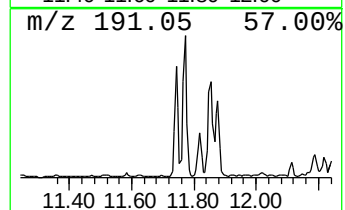
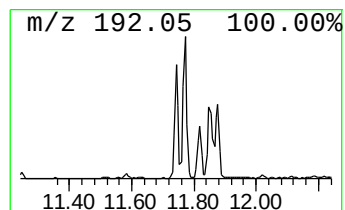
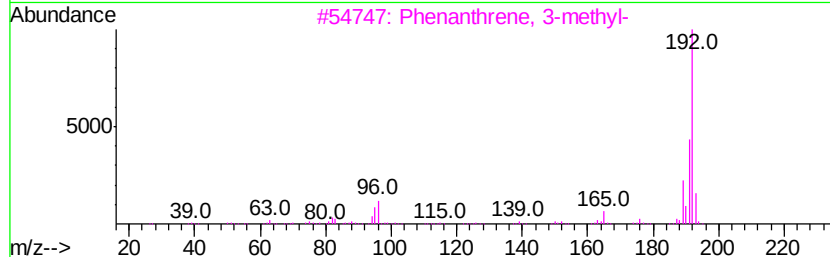
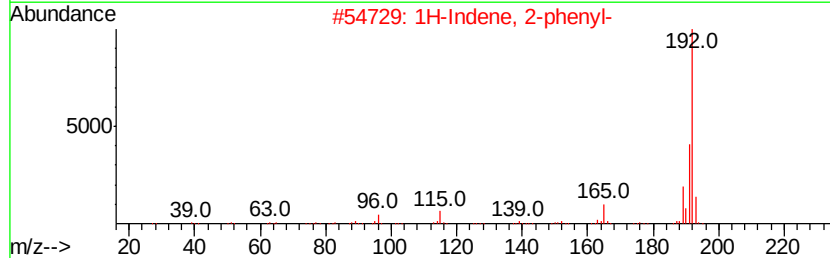
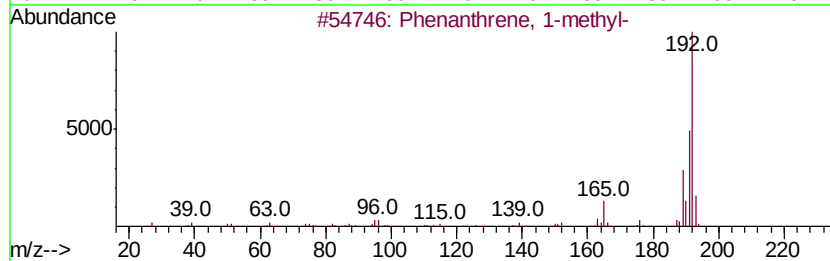
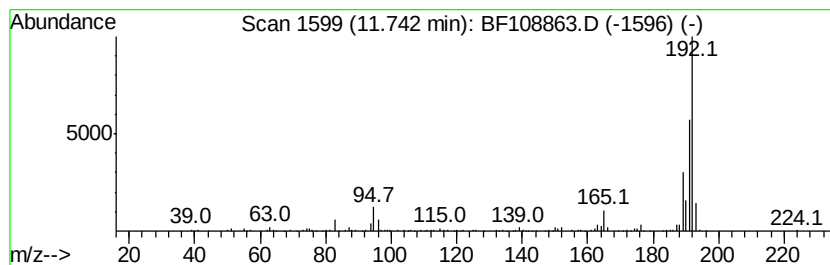
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.74	2.20 ng	208256	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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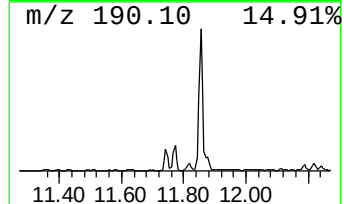
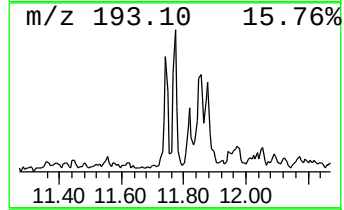
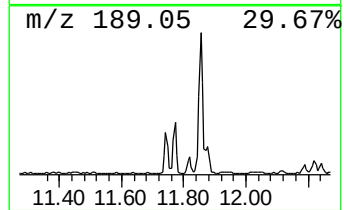
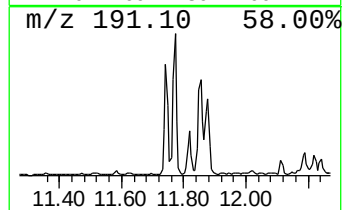
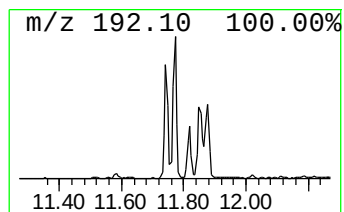
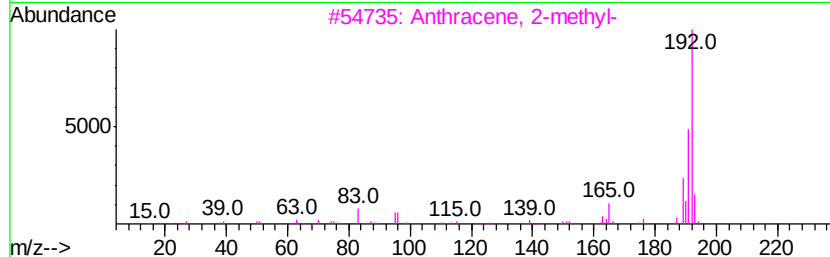
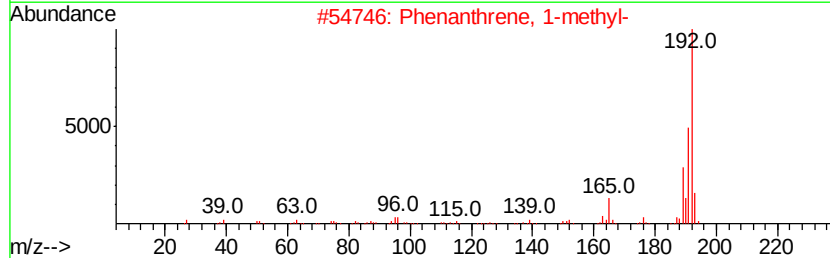
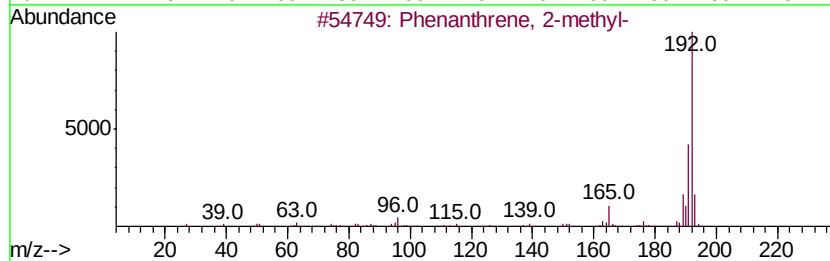
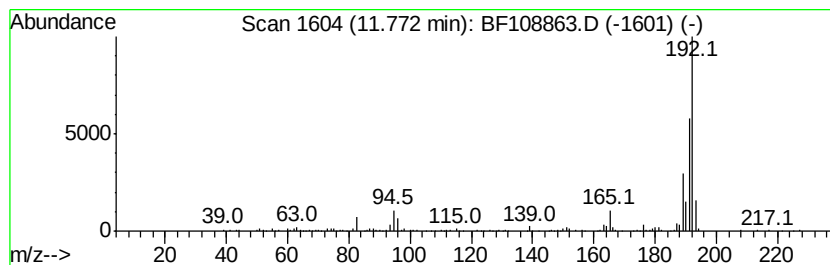
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Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.77	2.91 ng	275566	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
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Acq On : 7 Sep 2018 16:25
Operator : JU/SJ
Sample : J4775-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

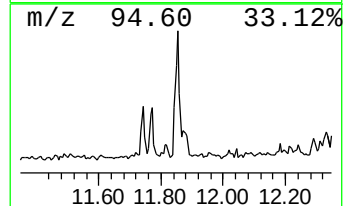
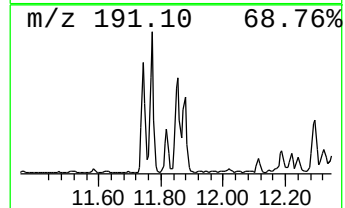
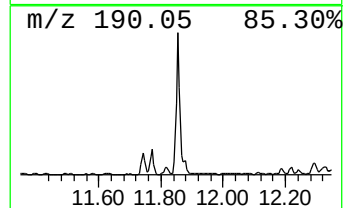
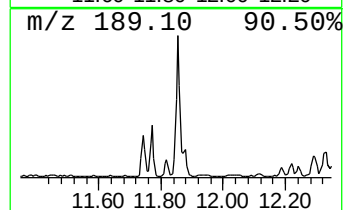
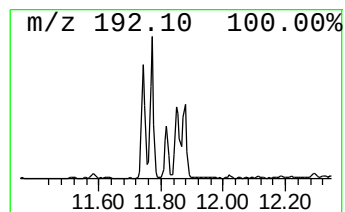
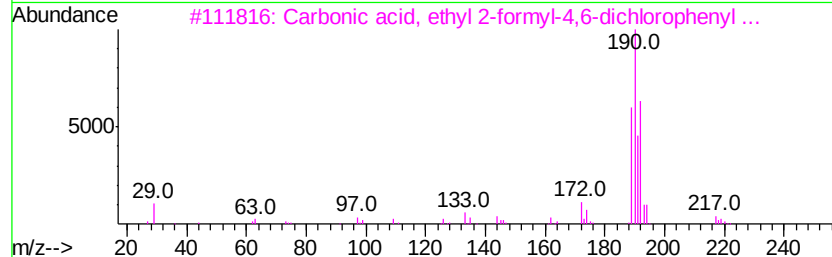
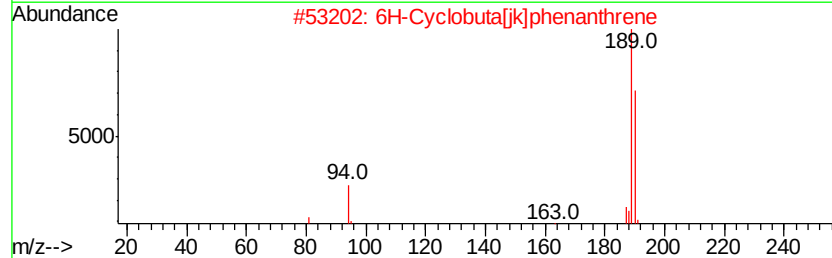
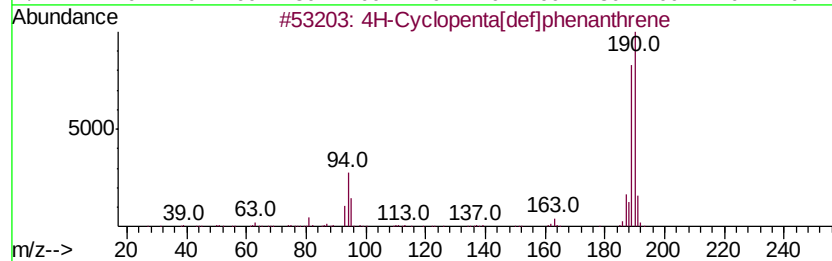
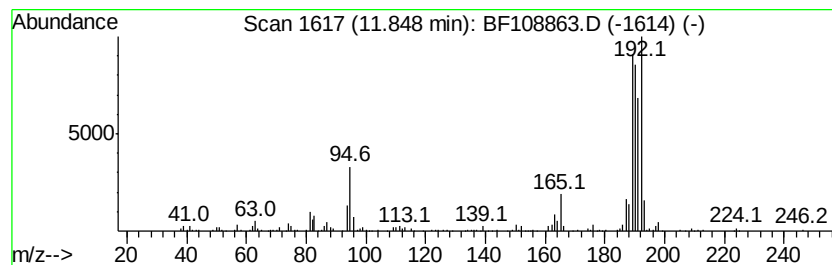
Instrument :
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ClientSampleId :
OR-02-090618-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
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.	
11.85	4.06 ng	384882	Phenanthrene-d10	11.24	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jkl]phenanthrene	190	C15H10	083469-43-6	53
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090718\
Data File : BF108863.D
Acq On : 7 Sep 2018 16:25
Operator : JU/SJ
Sample : J4775-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

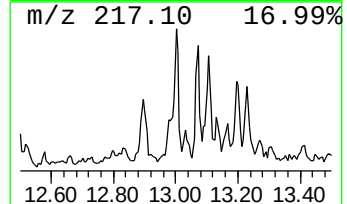
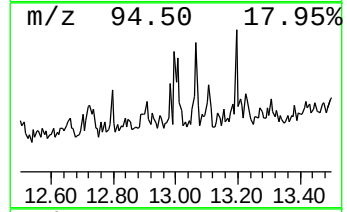
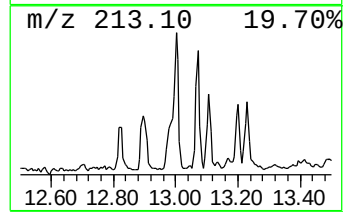
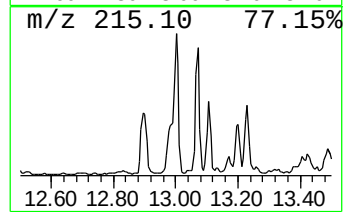
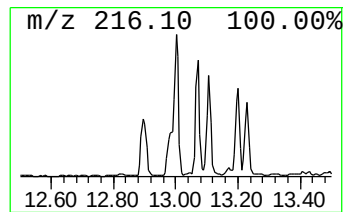
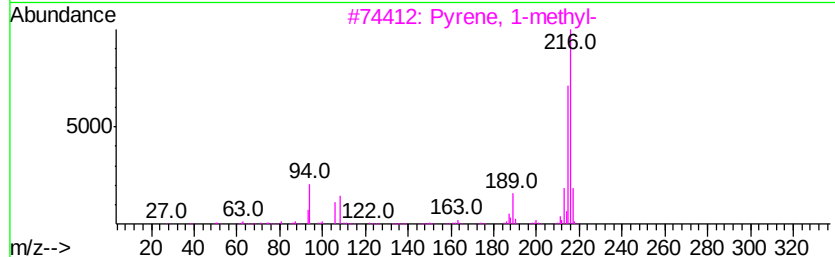
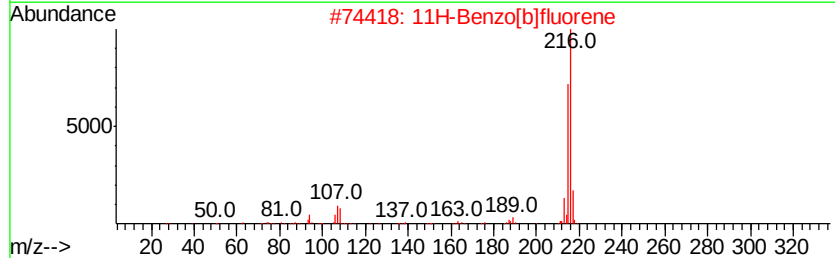
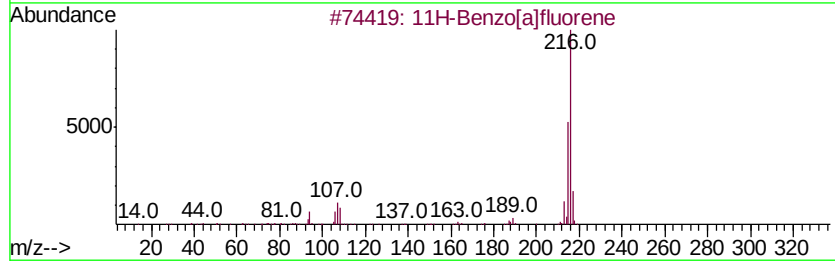
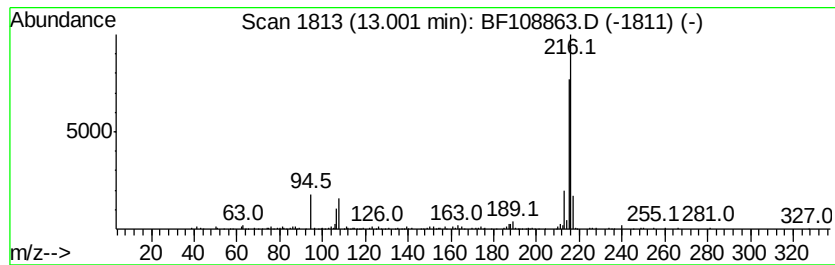
Instrument :
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ClientSampleId :
OR-02-090618-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	2.00 ng	190432	Chrysene-d12	13.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
2		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90
3		Pyrene, 1-methyl-	216 C17H12	002381-21-7 80
4		Pyrene, 2-methyl-	216 C17H12	003442-78-2 78
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF090718\
Data File : BF108863.D
Acq On : 7 Sep 2018 16:25
Operator : JU/SJ
Sample : J4775-03 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-090618-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.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
unknown6.50	6.50	14.3	ng	979760	1	6.74	1368940	20.0
Phenanthrene, 1-m...	11.74	2.2	ng	208256	4	11.24	1896000	20.0
Phenanthrene, 2-m...	11.77	2.9	ng	275566	4	11.24	1896000	20.0
4H-Cyclopenta[def...	11.85	4.1	ng	384882	4	11.24	1896000	20.0
11H-Benzo[a]fluorene	13.00	2.0	ng	190432	5	13.87	1903120	20.0