

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
 Data File : BF112146.D
 Acq On : 19 Jan 2019 1:07
 Operator : JU/SJ
 Sample : K1011-05 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-011719-A

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-BF011619.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	3.340	211	213	231	rBV	45744	130164	5.17%	0.377%
2	5.051	501	504	513	rVB	45811	56385	2.24%	0.163%
3	5.481	574	577	587	rBV	947894	916108	36.41%	2.654%
4	6.493	745	749	759	rBV	1114046	1090599	43.35%	3.160%
5	6.628	768	772	779	rBV	1238554	1085793	43.15%	3.146%
6	6.693	779	783	786	rVB2	73106	64069	2.55%	0.186%
7	6.851	807	810	818	rBV	1669419	1534319	60.98%	4.445%
8	7.010	833	837	841	rBV	1088209	901908	35.85%	2.613%
9	7.134	852	858	860	rVB4	24198	32689	1.30%	0.095%
10	7.410	902	905	910	rBV	687710	572307	22.75%	1.658%
11	7.451	910	912	916	rVB	79252	64530	2.56%	0.187%
12	8.134	1022	1028	1032	rBV	2079314	2016998	80.16%	5.844%
13	8.428	1072	1078	1085	rBV7	20798	31843	1.27%	0.092%
14	8.728	1126	1129	1133	rBV	73044	57724	2.29%	0.167%
15	8.851	1147	1150	1154	rVB	71057	60107	2.39%	0.174%
16	8.951	1163	1167	1171	rBV2	55093	55916	2.22%	0.162%
17	9.157	1199	1202	1207	rBV3	34595	31519	1.25%	0.091%
18	9.210	1207	1211	1220	rBV	1564123	1361286	54.10%	3.944%
19	9.292	1222	1225	1227	rBV	92323	80476	3.20%	0.233%
20	9.328	1228	1231	1235	rVB2	48822	48230	1.92%	0.140%
21	9.481	1252	1257	1260	rBV	44541	54557	2.17%	0.158%
22	9.551	1266	1269	1271	rBV	79586	76333	3.03%	0.221%
23	9.575	1271	1273	1275	rVV	54396	45745	1.82%	0.133%
24	9.598	1275	1277	1282	rVV	170377	198219	7.88%	0.574%
25	9.669	1286	1289	1295	rBV	44012	50394	2.00%	0.146%
26	9.751	1300	1303	1308	rBV	113063	101163	4.02%	0.293%
27	9.822	1313	1315	1318	rVB	71837	48939	1.95%	0.142%
28	9.892	1323	1327	1330	rVV	2329104	2031253	80.73%	5.885%
29	9.922	1330	1332	1336	rVB	141558	122030	4.85%	0.354%
30	9.998	1342	1345	1348	rBV2	29838	35100	1.40%	0.102%
31	10.092	1357	1361	1366	rVV	85762	104147	4.14%	0.302%
32	10.133	1366	1368	1373	rVV3	40145	46943	1.87%	0.136%
33	10.210	1377	1381	1383	rBV2	37250	40511	1.61%	0.117%
34	10.298	1392	1396	1397	rBV2	33177	34243	1.36%	0.099%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.322	1397	1400	1402	rVB2	76445	67822	2.70%	0.196%
36	10.439	1417	1420	1426	rVB	134961	138302	5.50%	0.401%
37	10.545	1436	1438	1443	rVB2	47781	42331	1.68%	0.123%
38	10.592	1443	1446	1450	rVB3	44613	43658	1.74%	0.126%
39	10.681	1455	1461	1468	rBV	500464	530019	21.07%	1.536%
40	10.804	1477	1482	1488	rBV2	105134	163731	6.51%	0.474%
41	10.986	1508	1513	1515	rBV2	54262	65288	2.59%	0.189%
42	11.016	1515	1518	1521	rVB2	40074	40928	1.63%	0.119%
43	11.116	1530	1535	1537	rBV4	35768	45640	1.81%	0.132%
44	11.239	1551	1556	1559	rVV2	82957	107812	4.28%	0.312%
45	11.275	1559	1562	1567	rVB	117209	129803	5.16%	0.376%
46	11.375	1576	1579	1582	rBV	1955539	1868370	74.26%	5.413%
47	11.398	1582	1583	1587	rVV	994428	720831	28.65%	2.088%
48	11.451	1589	1592	1596	rVV	315785	267227	10.62%	0.774%
49	11.486	1596	1598	1601	rVB3	44834	41081	1.63%	0.119%
50	11.610	1616	1619	1625	rBV2	51645	75467	3.00%	0.219%
51	11.669	1626	1629	1631	rVV	82808	72644	2.89%	0.210%
52	11.710	1633	1636	1642	rVV2	43951	61674	2.45%	0.179%
53	11.763	1643	1645	1648	rVV	59556	52868	2.10%	0.153%
54	11.880	1661	1665	1667	rBV	138694	137678	5.47%	0.399%
55	11.904	1667	1669	1675	rVB	185395	170723	6.79%	0.495%
56	11.957	1675	1678	1680	rBV	90507	84009	3.34%	0.243%
57	11.992	1680	1684	1686	rVV2	258723	291235	11.57%	0.844%
58	12.016	1686	1688	1692	rVB	105863	89628	3.56%	0.260%
59	12.075	1695	1698	1702	rVB2	50857	48980	1.95%	0.142%
60	12.175	1711	1715	1717	rBV	98809	98150	3.90%	0.284%
61	12.198	1717	1719	1722	rVB2	42521	43904	1.74%	0.127%
62	12.322	1738	1740	1742	rVB	45131	30775	1.22%	0.089%
63	12.357	1743	1746	1748	rBV	57619	55846	2.22%	0.162%
64	12.427	1754	1758	1760	rBV	156876	175430	6.97%	0.508%
65	12.451	1760	1762	1763	rVV	181114	162704	6.47%	0.471%
66	12.469	1763	1765	1770	rVB3	244235	256348	10.19%	0.743%
67	12.516	1770	1773	1778	rBV2	76240	91096	3.62%	0.264%
68	12.592	1782	1786	1789	rBV	1645506	1426886	56.71%	4.134%
69	12.686	1799	1802	1804	rBV2	48729	48425	1.92%	0.140%
70	12.745	1809	1812	1814	rVV2	54230	56319	2.24%	0.163%
71	12.822	1819	1825	1831	rBV	1483716	1677949	66.69%	4.861%

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72	12.869	1831	1833	1838	rVB2	68576	100485	3.99%	0.291%
73	12.957	1842	1848	1851	rBV	1283194	1162132	46.19%	3.367%
74	13.033	1858	1861	1866	rBV2	113860	188575	7.49%	0.546%
75	13.122	1874	1876	1878	rBV2	76633	87417	3.47%	0.253%
76	13.145	1878	1880	1884	rVB	268736	242275	9.63%	0.702%
77	13.192	1885	1888	1889	rBV2	64542	56867	2.26%	0.165%
78	13.216	1889	1892	1894	rVB	181765	147601	5.87%	0.428%
79	13.251	1895	1898	1902	rBV2	163705	176375	7.01%	0.511%
80	13.345	1911	1914	1916	rBV	95655	68508	2.72%	0.198%
81	13.374	1917	1919	1923	rVV	101380	89376	3.55%	0.259%
82	13.533	1943	1946	1948	rBV2	87928	99463	3.95%	0.288%
83	13.657	1965	1967	1971	rVB	94755	106140	4.22%	0.308%
84	13.769	1983	1986	1988	rBV3	108450	95331	3.79%	0.276%
85	13.792	1988	1990	1992	rVV	105739	74275	2.95%	0.215%
86	13.821	1992	1995	1999	rVV2	102457	162340	6.45%	0.470%
87	13.863	1999	2002	2007	rVB3	171325	208776	8.30%	0.605%
88	14.016	2023	2028	2031	rBV2	1972453	2516075	100.00%	7.289%
89	14.045	2031	2033	2036	rVB	755979	573932	22.81%	1.663%
90	14.121	2044	2046	2050	rVB	160972	136022	5.41%	0.394%
91	14.404	2092	2094	2097	rVB	177030	145114	5.77%	0.420%
92	14.480	2104	2107	2109	rBV2	177222	182292	7.25%	0.528%
93	14.527	2113	2115	2117	rBV2	117915	110884	4.41%	0.321%
94	14.786	2157	2159	2163	rBV2	155340	138699	5.51%	0.402%
95	15.063	2202	2206	2209	rBV	723024	1066970	42.41%	3.091%
96	15.127	2214	2217	2221	rVB2	206576	241855	9.61%	0.701%
97	15.368	2255	2258	2264	rVB	410002	500298	19.88%	1.449%
98	15.427	2265	2268	2274	rVV	635497	794976	31.60%	2.303%
99	15.492	2275	2279	2294	rVB2	1149723	1937501	77.00%	5.613%
100	16.968	2526	2530	2537	rVB3	221805	441978	17.57%	1.280%

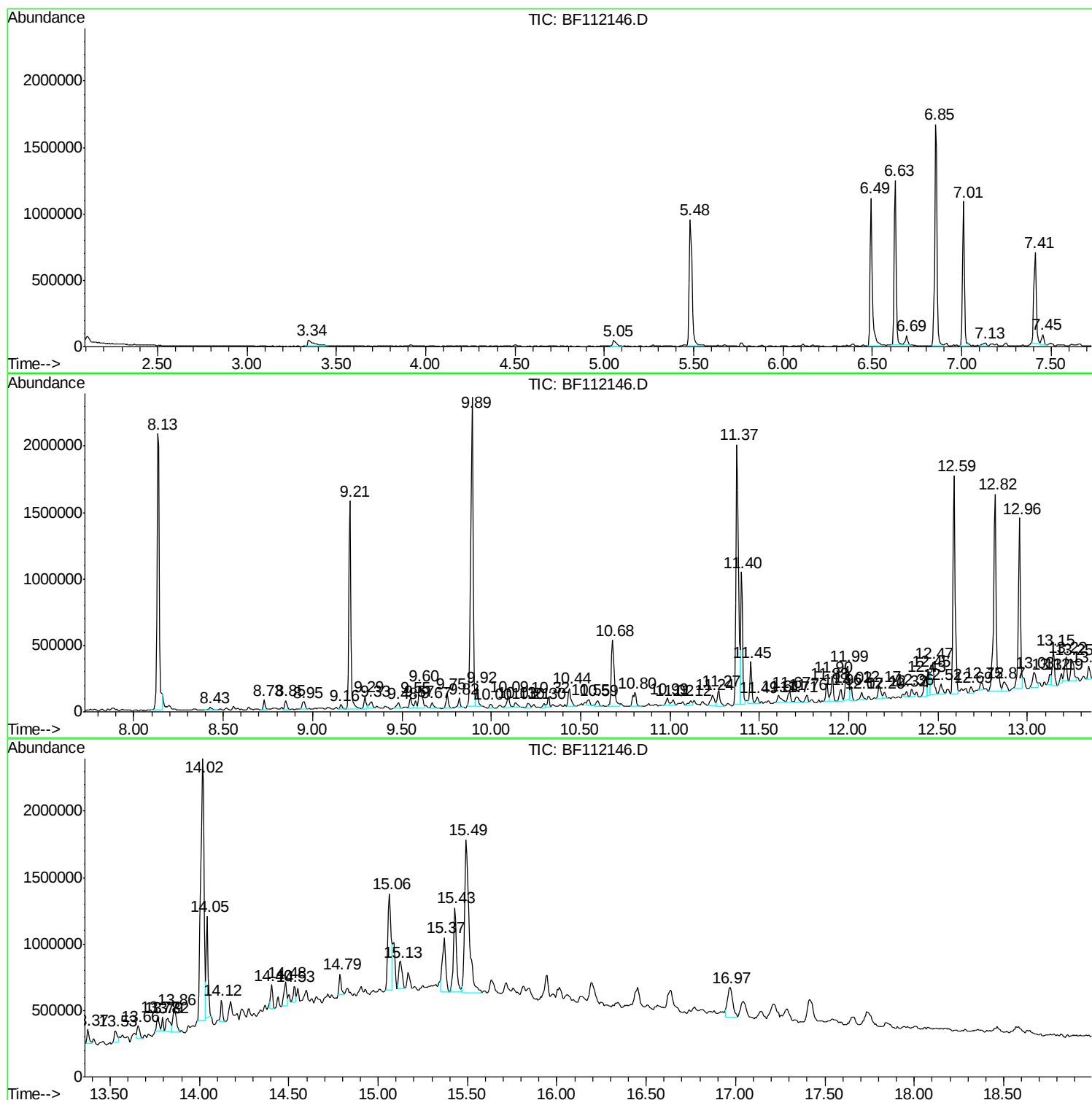
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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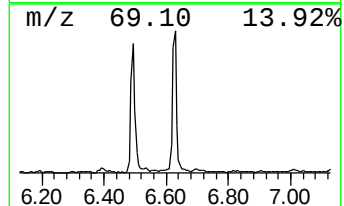
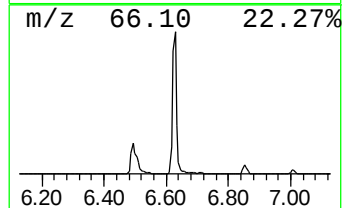
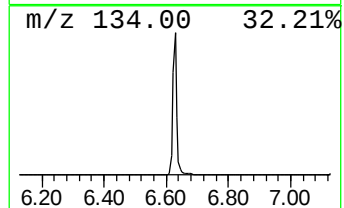
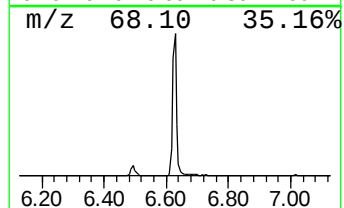
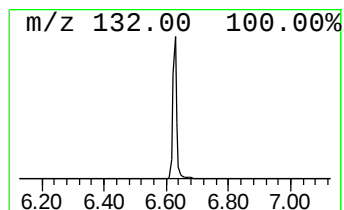
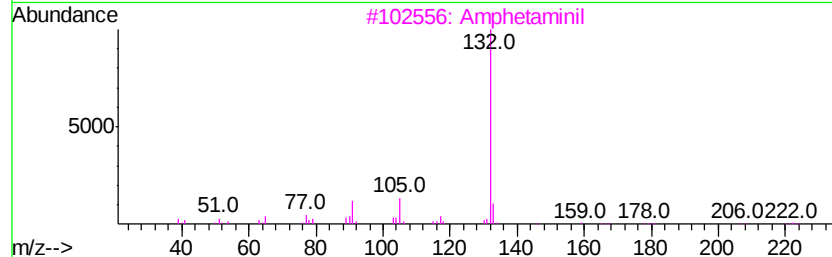
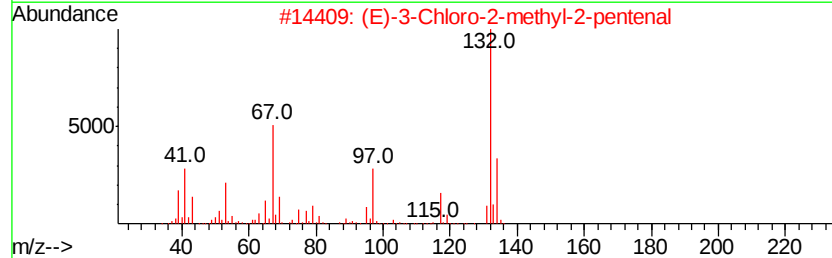
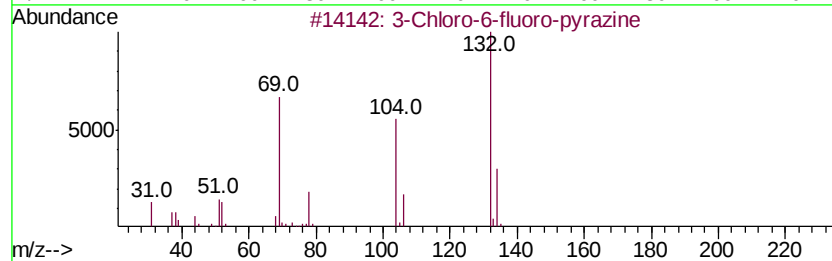
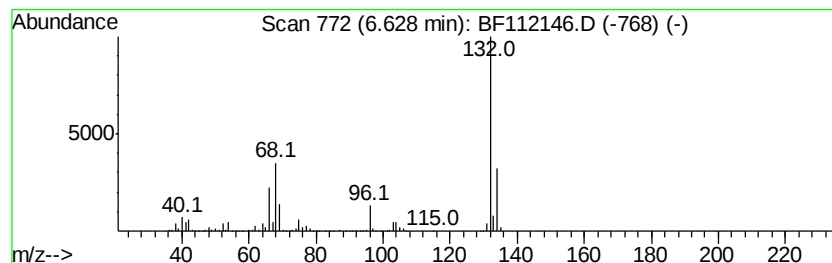
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	14.15 ng	1085790	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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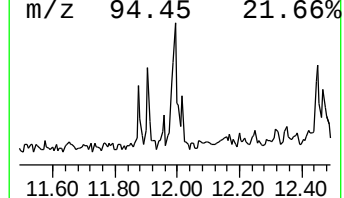
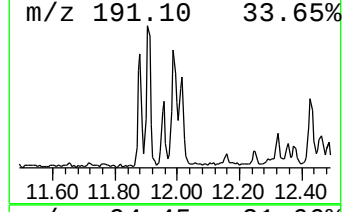
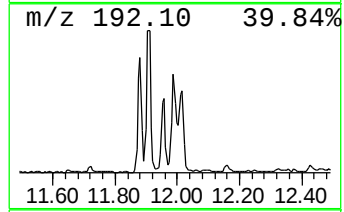
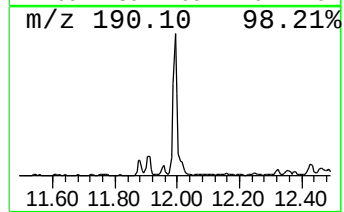
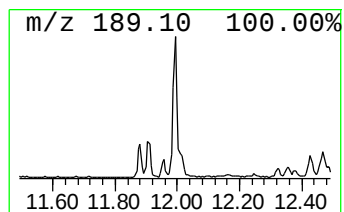
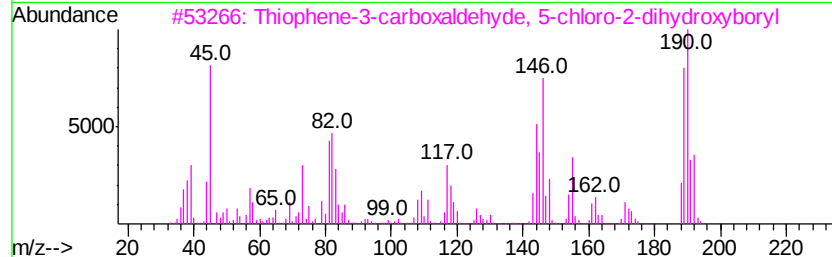
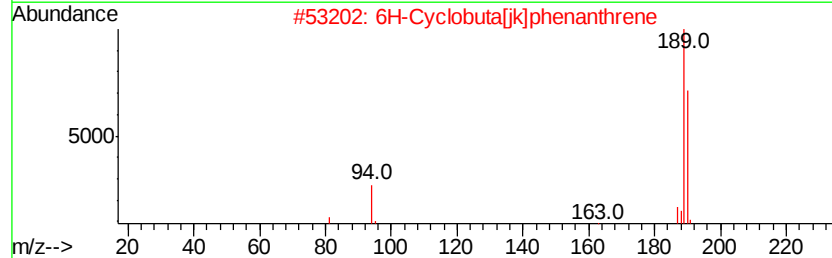
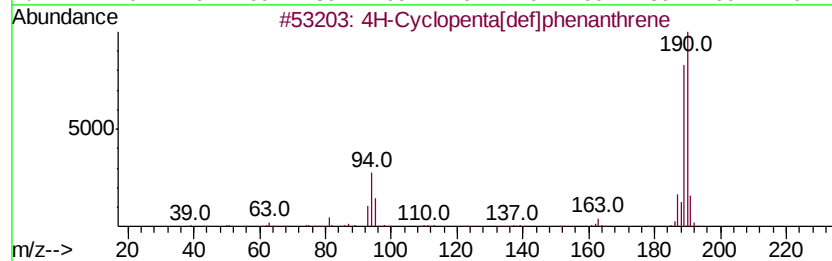
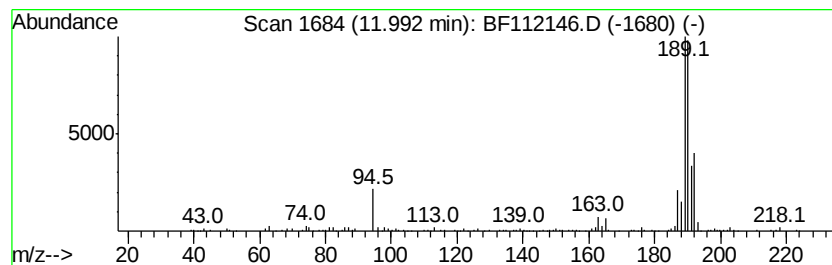
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	3.12 ng	291235	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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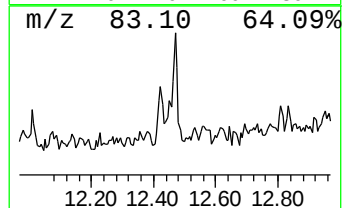
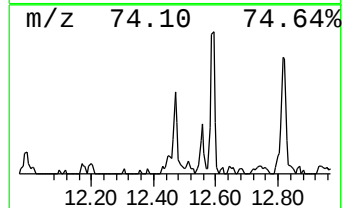
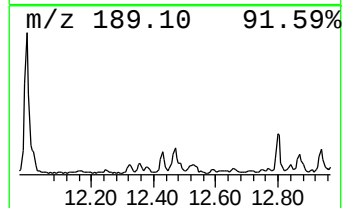
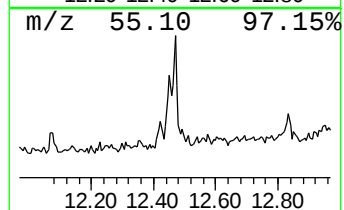
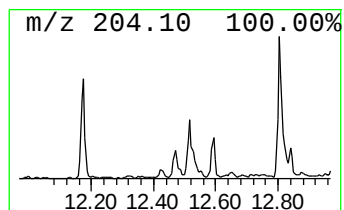
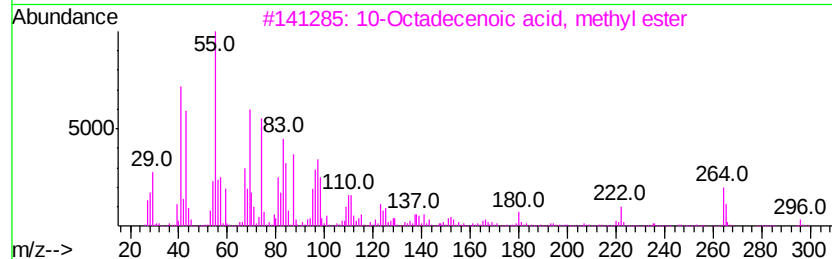
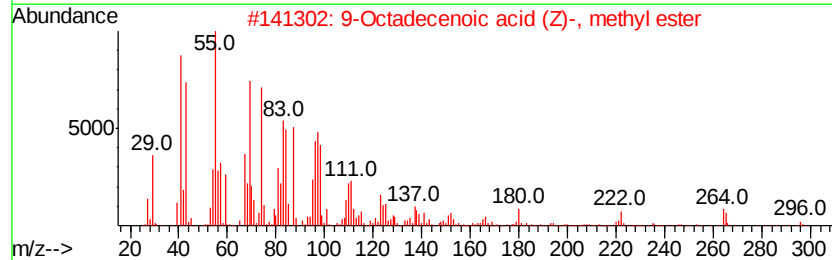
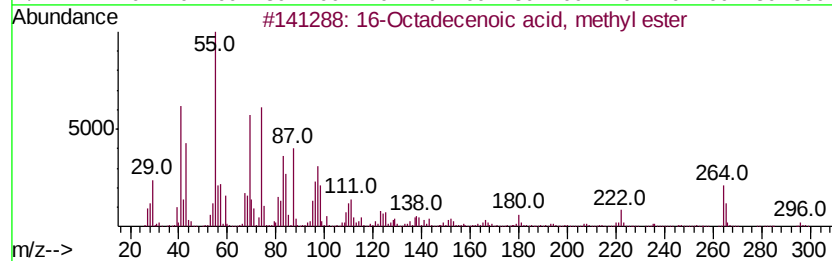
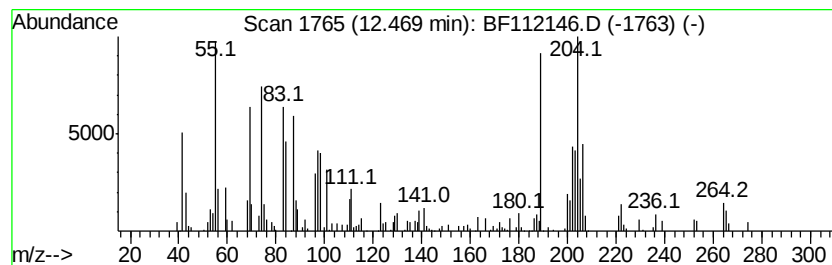
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown12.47 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.74 ng	256348	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	41
2		9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	38
3		10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	35
4		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	35
5		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112146.D
Acq On : 19 Jan 2019 1:07
Operator : JU/SJ
Sample : K1011-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-A

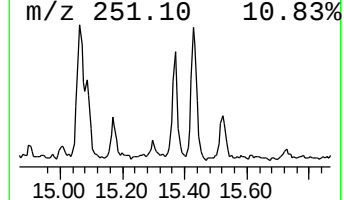
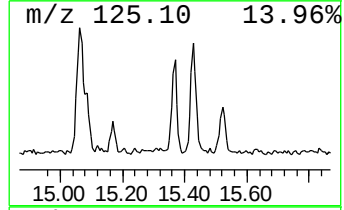
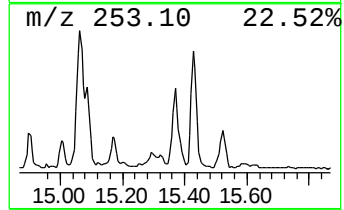
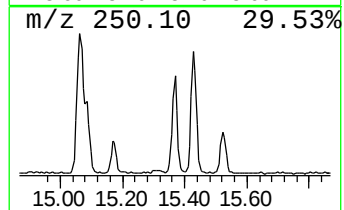
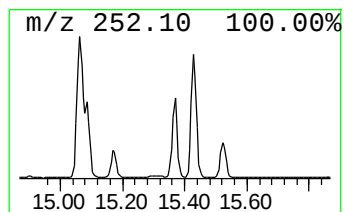
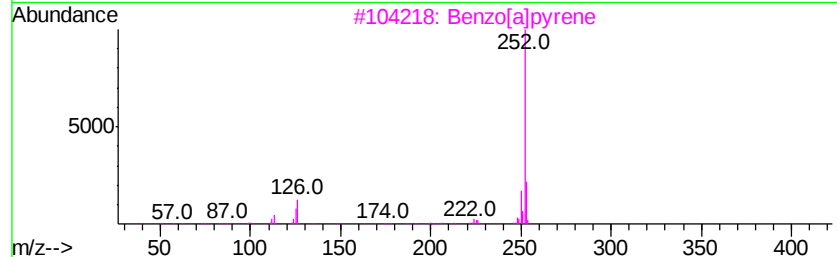
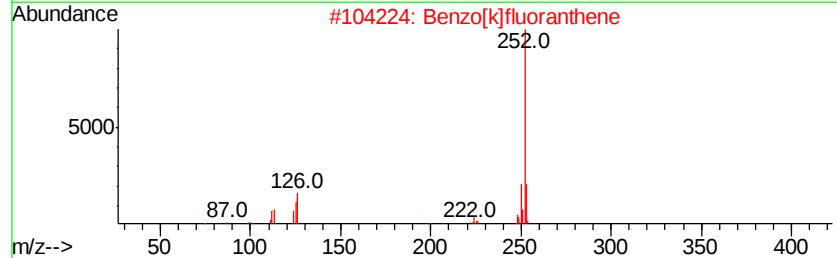
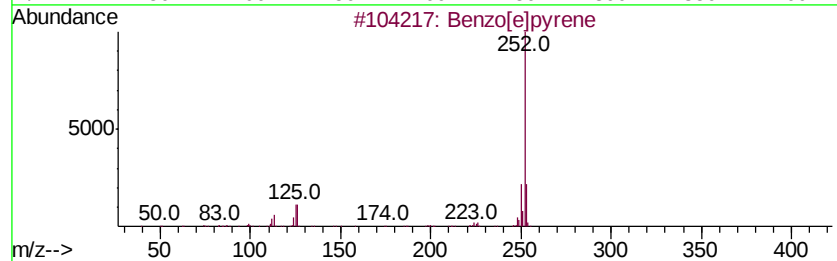
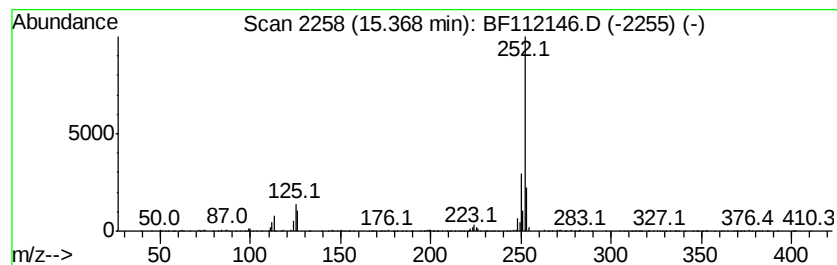
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	5.16 ng	500298	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3		Benzo[a]pyrene	252	C20H12	000050-32-8	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011819\
Data File : BF112146.D
Acq On : 19 Jan 2019 1:07
Operator : JU/SJ
Sample : K1011-05 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011619.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
unknown6.63	6.63	14.2	ng	1085790	1	6.85	1534320	20.0
4H-Cyclopenta[def...	11.99	3.1	ng	291235	4	11.37	1868370	20.0
unknown12.47	12.47	2.7	ng	256348	4	11.37	1868370	20.0
Benzo[e]pyrene	15.37	5.2	ng	500298	6	15.49	1937500	20.0