

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101117\
 Data File : BF099381.D
 Acq On : 12 Oct 2017 9:08
 Operator : SJ/JU
 Sample : I5530-16 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-32(1.5-2)

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-BF092317.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	5.063	503	506	517	rBV	61181	69162	5.79%	0.404%
2	5.463	571	574	594	rVB	467719	437738	36.65%	2.556%
3	6.475	743	746	757	rBV	484887	468547	39.23%	2.736%
4	6.616	767	770	774	rBV	574969	482934	40.44%	2.820%
5	6.851	806	810	814	rBV	992373	822635	68.88%	4.803%
6	7.004	832	836	843	rBV	462690	379742	31.80%	2.217%
7	7.410	902	905	912	rBV	323839	273720	22.92%	1.598%
8	8.134	1024	1028	1031	rBV	1320132	1109464	92.90%	6.478%
9	8.845	1146	1149	1152	rBV	36034	27551	2.31%	0.161%
10	8.945	1163	1166	1171	rVB	33815	27961	2.34%	0.163%
11	9.204	1206	1210	1213	rBV	680557	521783	43.69%	3.047%
12	9.469	1252	1255	1259	rBV	18563	23844	2.00%	0.139%
13	9.545	1264	1268	1270	rBV	38942	38984	3.26%	0.228%
14	9.569	1270	1272	1274	rVV	21237	16283	1.36%	0.095%
15	9.598	1274	1277	1284	rVB	119605	94528	7.92%	0.552%
16	9.663	1284	1288	1289	rBV2	16544	14395	1.21%	0.084%
17	9.745	1299	1302	1306	rBV	36405	31380	2.63%	0.183%
18	9.886	1320	1326	1329	rBV2	1341224	1136482	95.16%	6.636%
19	9.916	1329	1331	1335	rVB	105340	89627	7.50%	0.523%
20	10.045	1347	1353	1357	rBV2	9613	14401	1.21%	0.084%
21	10.092	1357	1361	1364	rVV2	67402	65867	5.52%	0.385%
22	10.128	1364	1367	1371	rVB	23668	19664	1.65%	0.115%
23	10.198	1376	1379	1382	rVV2	17227	15646	1.31%	0.091%
24	10.228	1382	1384	1390	rVB2	14688	13879	1.16%	0.081%
25	10.292	1390	1395	1396	rBV2	17170	22117	1.85%	0.129%
26	10.304	1396	1397	1401	rVB2	26151	17407	1.46%	0.102%
27	10.433	1415	1419	1424	rVB	114926	101208	8.47%	0.591%
28	10.522	1432	1434	1436	rVB2	18856	14518	1.22%	0.085%
29	10.586	1443	1445	1449	rVB	29420	25339	2.12%	0.148%
30	10.675	1457	1460	1466	rBV	273915	254944	21.35%	1.489%
31	10.775	1474	1477	1479	rBV	22462	21816	1.83%	0.127%
32	10.980	1505	1512	1515	rBV3	31515	43133	3.61%	0.252%
33	11.063	1523	1526	1529	rVB3	13576	12963	1.09%	0.076%
34	11.104	1529	1533	1535	rBV3	24616	26636	2.23%	0.156%

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35	11.128	1535	1537	1543	rVV3	22919	28330	2.37%	0.165%
36	11.180	1543	1546	1549	rVV	42384	39728	3.33%	0.232%
37	11.222	1549	1553	1556	rVV3	32776	38817	3.25%	0.227%
38	11.269	1556	1561	1567	rVB	54412	52619	4.41%	0.307%
39	11.375	1575	1579	1581	rBV	1131556	985433	82.52%	5.754%
40	11.398	1581	1583	1586	rVV	986187	726292	60.82%	4.241%
41	11.445	1586	1591	1594	rVV	219447	206841	17.32%	1.208%
42	11.486	1594	1598	1603	rVB3	14435	23741	1.99%	0.139%
43	11.604	1614	1618	1623	rBV2	52217	66293	5.55%	0.387%
44	11.663	1627	1628	1632	rVV2	22977	19318	1.62%	0.113%
45	11.704	1632	1635	1640	rVB4	22446	31399	2.63%	0.183%
46	11.875	1660	1664	1666	rBV	100701	93651	7.84%	0.547%
47	11.904	1666	1669	1671	rVV	141519	127813	10.70%	0.746%
48	11.951	1674	1677	1679	rVV	53840	48383	4.05%	0.283%
49	11.986	1679	1683	1685	rVV	157567	162697	13.62%	0.950%
50	12.004	1685	1686	1692	rVB	66548	55433	4.64%	0.324%
51	12.057	1692	1695	1697	rBV3	20351	17066	1.43%	0.100%
52	12.110	1701	1704	1706	rBV3	12760	15745	1.32%	0.092%
53	12.169	1711	1714	1716	rVV	74047	64374	5.39%	0.376%
54	12.198	1716	1719	1723	rVB	44320	41084	3.44%	0.240%
55	12.316	1734	1739	1741	rBV	30757	33467	2.80%	0.195%
56	12.345	1742	1744	1746	rVV	29055	23417	1.96%	0.137%
57	12.369	1746	1748	1751	rVB	25510	20978	1.76%	0.122%
58	12.422	1751	1757	1759	rBV	69498	78940	6.61%	0.461%
59	12.457	1759	1763	1765	rVV4	38294	62414	5.23%	0.364%
60	12.480	1765	1767	1769	rVV	25688	20019	1.68%	0.117%
61	12.510	1769	1772	1776	rVB2	47121	61398	5.14%	0.359%
62	12.586	1781	1785	1788	rBV	1067141	863512	72.31%	5.042%
63	12.651	1794	1796	1799	rVB	23322	16791	1.41%	0.098%
64	12.739	1808	1811	1813	rVB2	24906	20581	1.72%	0.120%
65	12.816	1821	1824	1829	rVB	840789	736807	61.70%	4.302%
66	12.863	1829	1832	1835	rVB2	45481	44372	3.72%	0.259%
67	12.951	1840	1847	1850	rBV2	385815	380219	31.84%	2.220%
68	12.975	1850	1851	1854	rVB	42136	28767	2.41%	0.168%
69	13.027	1856	1860	1861	rBV2	48832	56392	4.72%	0.329%
70	13.116	1872	1875	1876	rBV2	51120	49472	4.14%	0.289%
71	13.139	1876	1879	1882	rVB	98518	110343	9.24%	0.644%

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72	13.210	1888	1891	1893	rBV	49764	41546	3.48%	0.243%
73	13.245	1893	1897	1900	rBV2	78749	86782	7.27%	0.507%
74	13.322	1908	1910	1911	rBV2	41364	31159	2.61%	0.182%
75	13.369	1915	1918	1921	rBV2	39841	38622	3.23%	0.226%
76	13.422	1924	1927	1930	rBV	44710	38950	3.26%	0.227%
77	13.651	1963	1966	1972	rVB	68866	68598	5.74%	0.401%
78	13.763	1981	1985	1987	rBV2	69565	79740	6.68%	0.466%
79	13.786	1987	1989	1991	rVV	63294	53192	4.45%	0.311%
80	13.816	1991	1994	1999	rVV2	56775	109537	9.17%	0.640%
81	13.863	1999	2002	2006	rVB	73381	71841	6.02%	0.419%
82	13.974	2018	2021	2023	rBV2	120031	116457	9.75%	0.680%
83	14.010	2023	2027	2030	rVV2	922007	1194237	100.00%	6.973%
84	14.039	2030	2032	2039	rVB	359221	319567	26.76%	1.866%
85	14.116	2043	2045	2048	rBV	56983	50672	4.24%	0.296%
86	14.363	2084	2087	2088	rBV	26603	24195	2.03%	0.141%
87	14.398	2090	2093	2095	rVV	78407	73620	6.16%	0.430%
88	14.433	2096	2099	2102	rVB	30664	31707	2.66%	0.185%
89	14.527	2112	2115	2122	rBV3	119521	153416	12.85%	0.896%
90	14.892	2174	2177	2180	rBV2	36035	49181	4.12%	0.287%
91	15.051	2200	2204	2207	rBV	294029	428974	35.92%	2.505%
92	15.163	2220	2223	2227	rBV	57633	68501	5.74%	0.400%
93	15.357	2252	2256	2262	rVB	181294	221666	18.56%	1.294%
94	15.421	2262	2267	2272	rBV	262095	325978	27.30%	1.903%
95	15.486	2272	2278	2281	rBV	566107	768170	64.32%	4.485%
96	16.045	2370	2373	2377	rVB5	22059	27777	2.33%	0.162%
97	16.962	2523	2529	2538	rVB2	109422	228113	19.10%	1.332%
98	17.133	2555	2558	2559	rBV3	14424	16283	1.36%	0.095%
99	17.410	2599	2605	2613	rVB2	81554	168084	14.07%	0.981%
100	17.662	2642	2648	2651	rBV	21705	50396	4.22%	0.294%

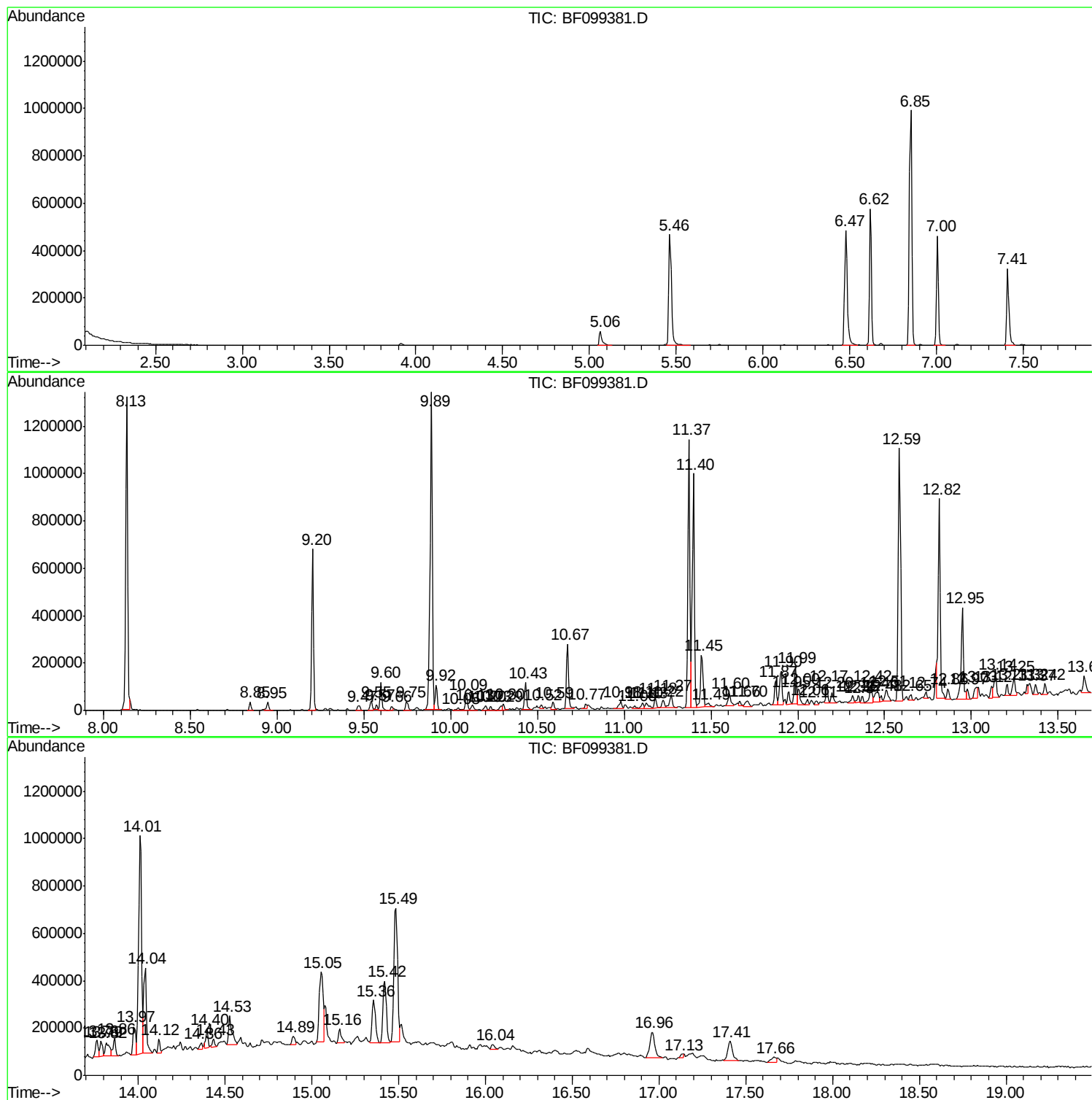
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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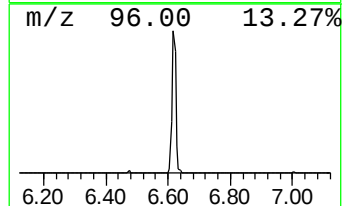
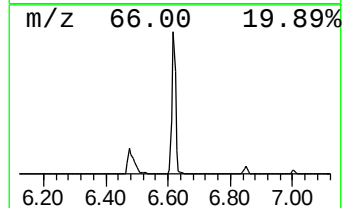
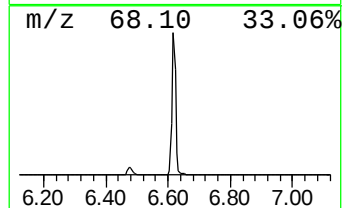
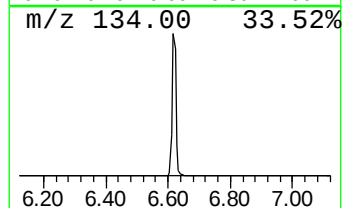
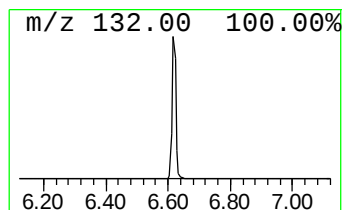
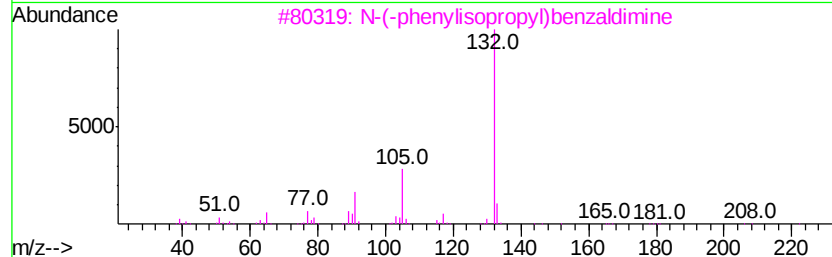
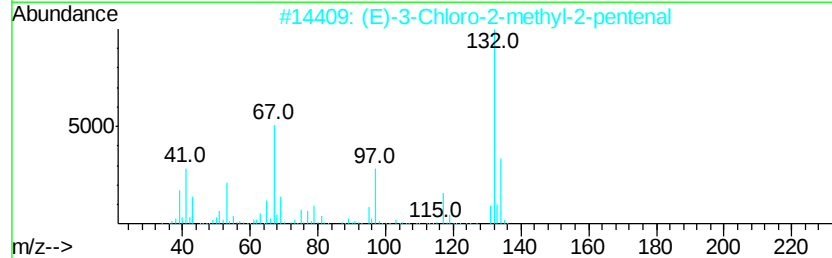
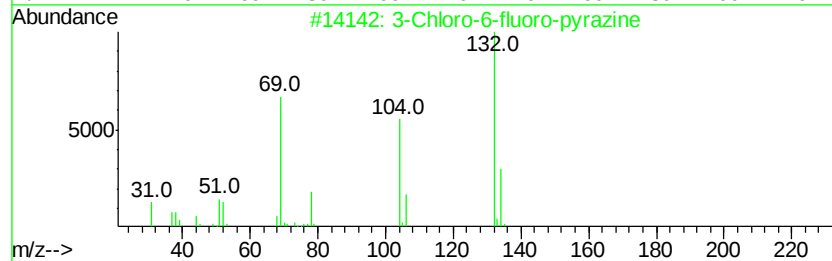
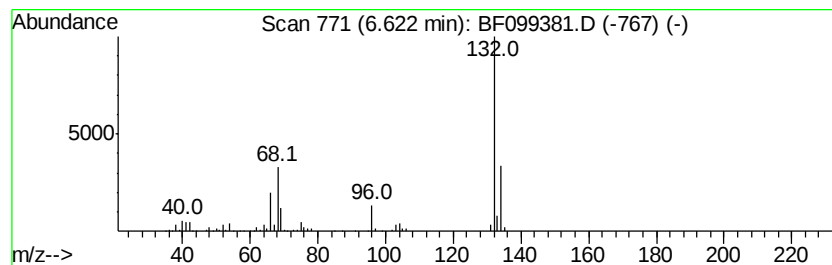
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	11.74 ng	482934	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		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5		5-Aminoindole	132	C8H8N2	005192-03-0	10



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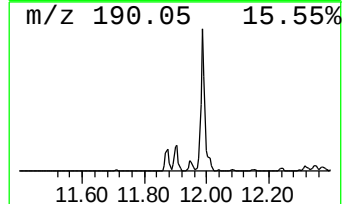
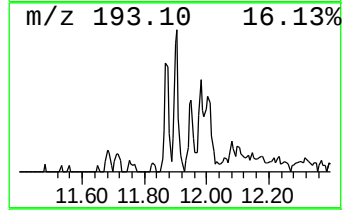
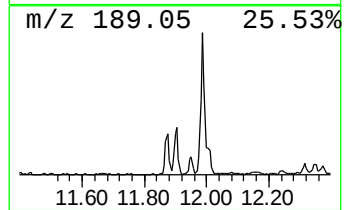
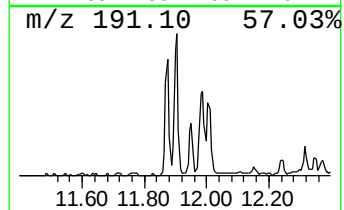
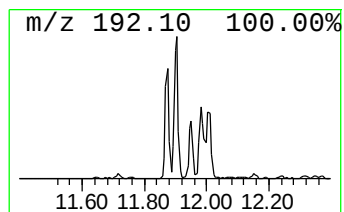
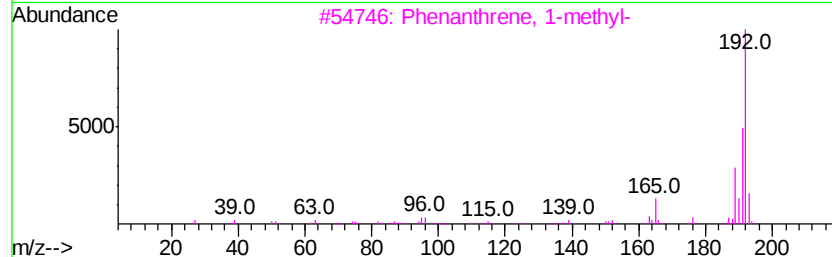
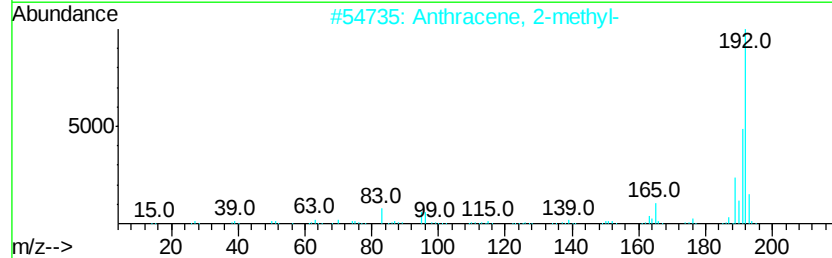
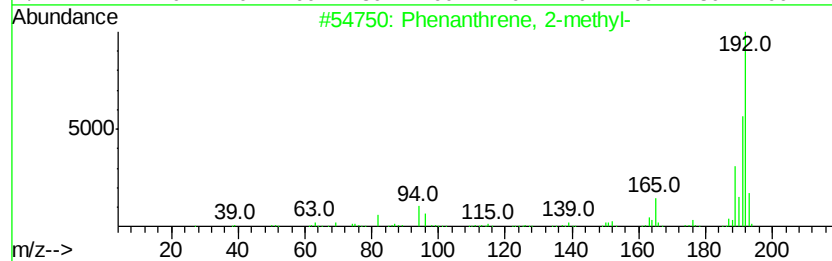
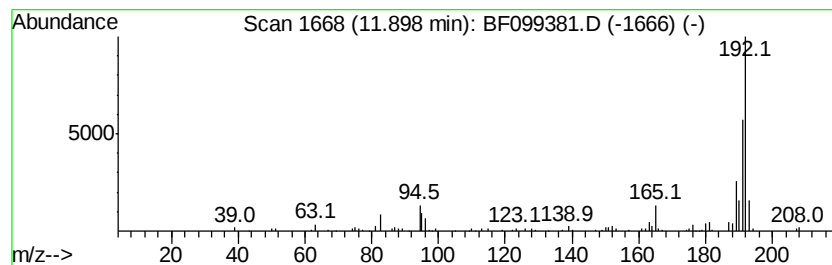
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.90	2.59 ng	127813	Phenanthrene-d10	11.37	
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, 1-methyl-	192	C15H12	000610-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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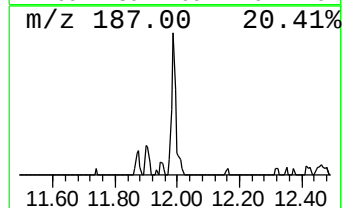
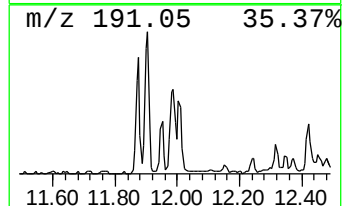
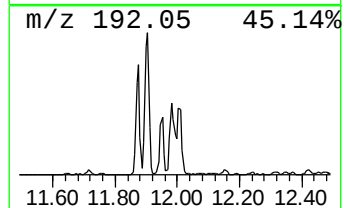
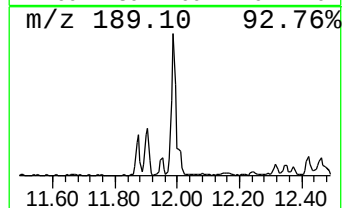
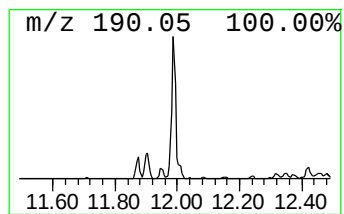
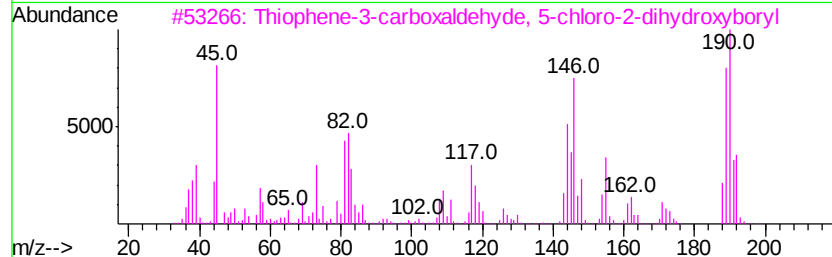
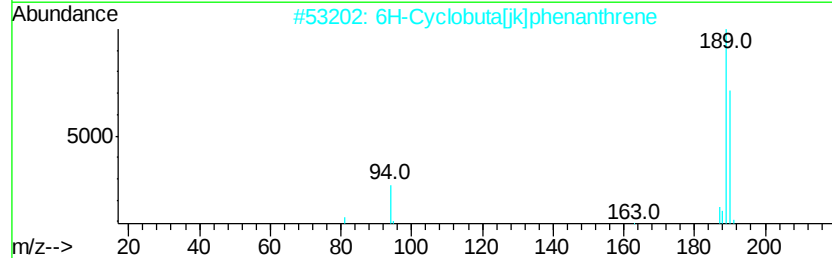
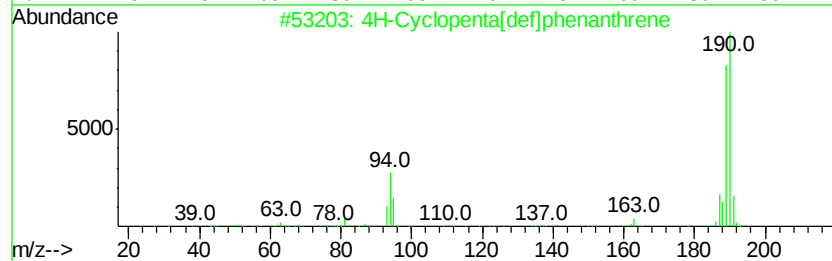
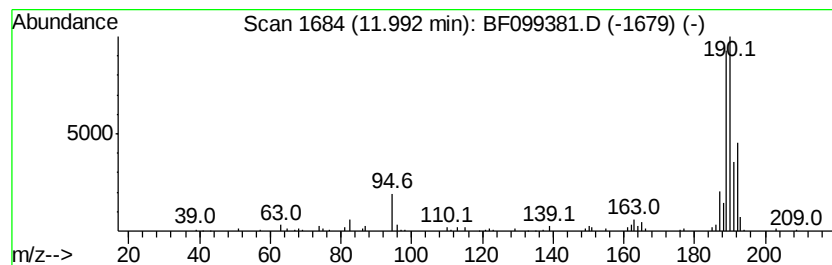
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.99	3.30 ng	162697	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	2,6-Dichlorobenzaldoxime	189	C7H5Cl2NO	025185-95-9	30



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Data File : BF099381.D
Acq On : 12 Oct 2017 9:08
Operator : SJ/JU
Sample : I5530-16 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-32(1.5-2)

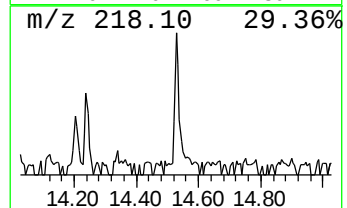
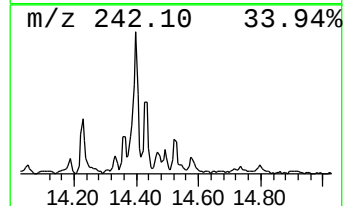
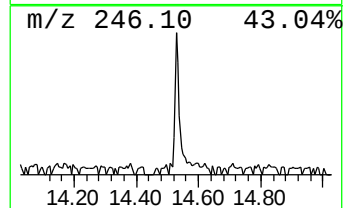
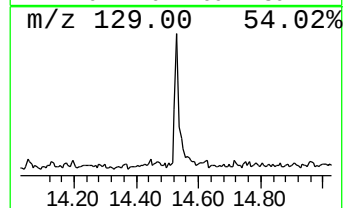
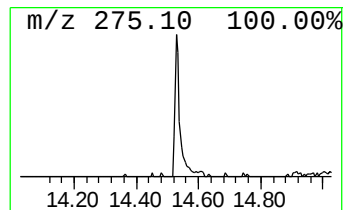
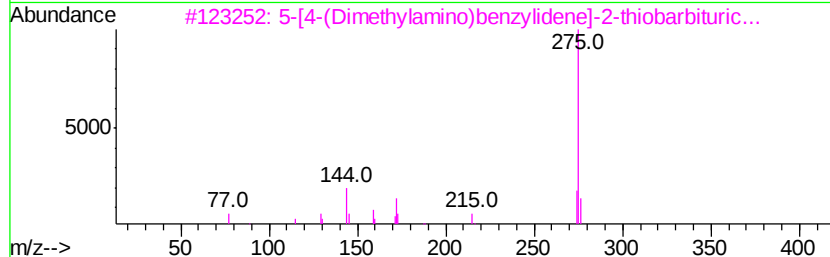
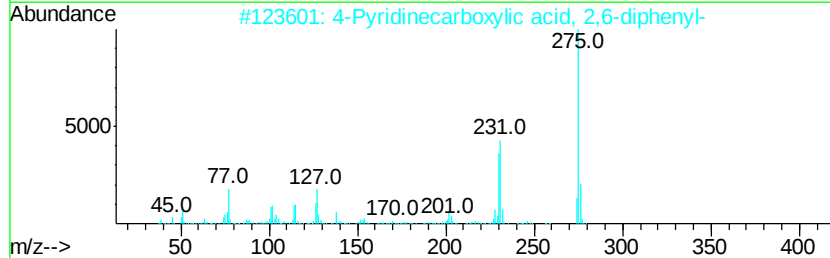
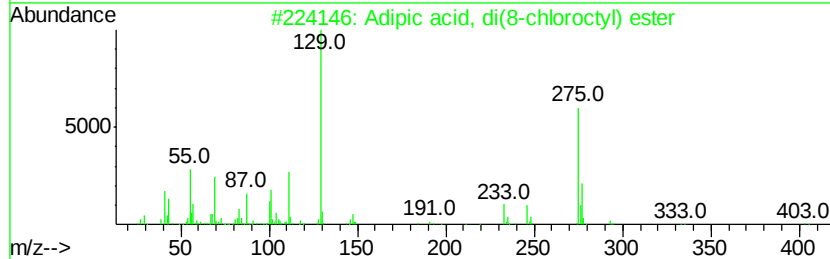
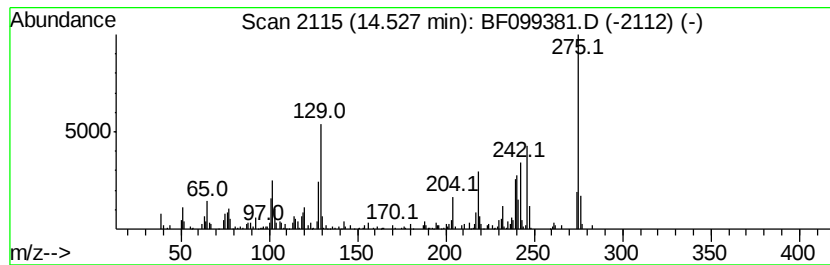
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown14.53 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	2.57 ng	153416	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Adipic acid, di(8-chlorooctyl) ester	438	C22H40Cl2O4	1000349-77-4	32
2		4-Pyridinecarboxylic acid, 2,6-d...	275	C18H13N02	1000338-16-2	30
3		5-[4-(Dimethylamino)benzylidene]...	275	C13H13N3O2S	027430-15-5	30
4		8H-Benzo[<i>a</i>]-1,3-benzodioxolo[6,5...	275	C17H9N03	000475-75-2	27
5		Ethyl 2-cyano-2-(9-fluorenylidene...	275	C18H13N02	014003-25-9	27



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099381.D
Acq On : 12 Oct 2017 9:08
Operator : SJ/JU
Sample : I5530-16 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-32(1.5-2)

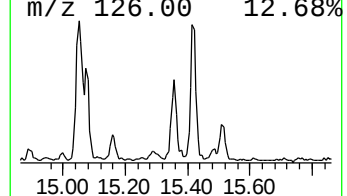
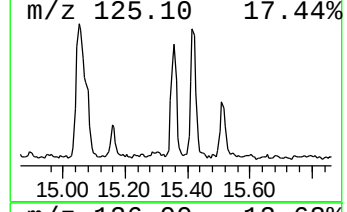
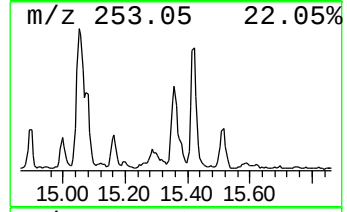
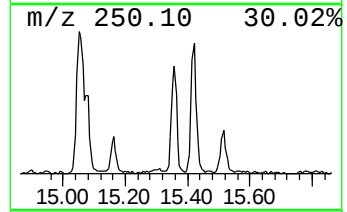
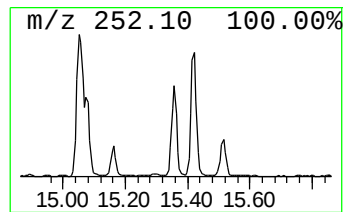
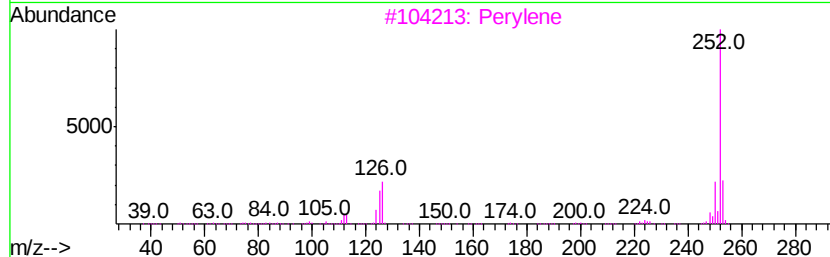
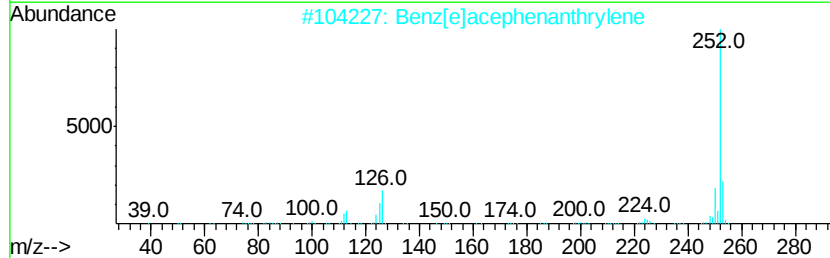
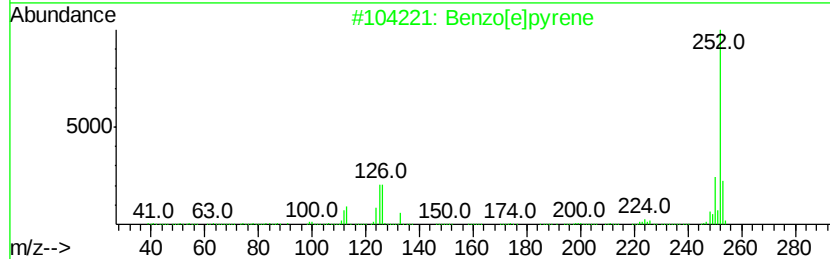
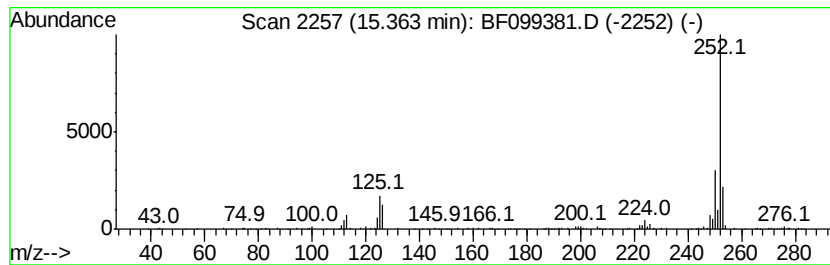
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	5.77 ng	221666	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Perylene	252	C20H12	000198-55-0	96
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101117\
Data File : BF099381.D
Acq On : 12 Oct 2017 9:08
Operator : SJ/JU
Sample : I5530-16 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LB-32(1.5-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
unknown6.62	6.62	11.7	ng	482934	1	6.85	822635	20.0
Phenanthrene, 2-m...	11.90	2.6	ng	127813	4	11.37	985433	20.0
4H-Cyclopenta[def...	11.99	3.3	ng	162697	4	11.37	985433	20.0
unknown14.53	14.53	2.6	ng	153416	5	14.02	1194240	20.0
Benzo[e]pyrene	15.36	5.8	ng	221666	6	15.49	768170	20.0