

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096228.D
 Acq On : 27 Jun 2017 20:49
 Operator : SJ/MA
 Sample : I3920-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-4

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-BF062717.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	4.963	486	489	497	rVB	200282	213705	9.36%	0.537%
2	5.381	556	560	564	rBV	1340384	1122752	49.16%	2.822%
3	6.398	729	733	736	rBV	1364312	1107553	48.49%	2.784%
4	6.539	753	757	761	rVB	1204181	1108114	48.52%	2.785%
5	6.781	794	798	801	rVB	1318382	1106156	48.43%	2.780%
6	6.933	821	824	828	rVB	981420	800131	35.03%	2.011%
7	7.333	888	892	895	rBV	744839	621105	27.19%	1.561%
8	8.063	1011	1016	1018	rBV	1615482	1597400	69.94%	4.015%
9	8.080	1018	1019	1022	rVB	591833	326557	14.30%	0.821%
10	8.769	1133	1136	1140	rVB	259588	221636	9.70%	0.557%
11	8.869	1150	1153	1156	rVB	213527	165699	7.25%	0.416%
12	9.133	1194	1198	1201	rBV	1240094	945702	41.41%	2.377%
13	9.233	1212	1215	1218	rBV	82556	65455	2.87%	0.165%
14	9.392	1239	1242	1247	rVV2	86809	111283	4.87%	0.280%
15	9.469	1250	1255	1258	rBV	156504	156733	6.86%	0.394%
16	9.498	1258	1260	1262	rVV	105569	77599	3.40%	0.195%
17	9.527	1262	1265	1268	rVV	162711	137742	6.03%	0.346%
18	9.586	1272	1275	1280	rVV	77868	89865	3.93%	0.226%
19	9.669	1282	1289	1292	rVV	151728	153340	6.71%	0.385%
20	9.810	1307	1313	1316	rBV2	1509893	1346605	58.96%	3.384%
21	9.839	1316	1318	1322	rVB	349877	314784	13.78%	0.791%
22	10.016	1344	1348	1351	rVB	359025	324910	14.23%	0.817%
23	10.127	1363	1367	1370	rBV2	57760	61937	2.71%	0.156%
24	10.216	1376	1382	1387	rVV3	47473	89514	3.92%	0.225%
25	10.357	1402	1406	1409	rVV	405497	381247	16.69%	0.958%
26	10.421	1415	1417	1419	rVV	74414	66172	2.90%	0.166%
27	10.516	1430	1433	1438	rVV	118199	128000	5.60%	0.322%
28	10.592	1442	1446	1450	rVV2	601333	595713	26.08%	1.497%
29	10.727	1464	1469	1475	rVB2	52114	75585	3.31%	0.190%
30	10.816	1478	1484	1487	rBV2	60460	76668	3.36%	0.193%
31	10.904	1491	1499	1502	rBV	513715	508115	22.25%	1.277%
32	11.033	1516	1521	1522	rBV3	50181	62953	2.76%	0.158%
33	11.092	1528	1531	1536	rVB2	168560	211450	9.26%	0.531%
34	11.145	1536	1540	1543	rBV3	66286	102502	4.49%	0.258%

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35	11.186	1543	1547	1549	rVB	173765	146685	6.42%	0.369%
36	11.292	1561	1565	1566	rVV	1036679	998610	43.72%	2.510%
37	11.316	1566	1569	1572	rVV	2696506	2283976	100.00%	5.740%
38	11.363	1572	1577	1580	rVV	767581	662363	29.00%	1.665%
39	11.404	1580	1584	1587	rVB3	75203	104088	4.56%	0.262%
40	11.515	1597	1603	1606	rBV2	295019	324042	14.19%	0.814%
41	11.621	1619	1621	1624	rVB2	73618	58068	2.54%	0.146%
42	11.792	1643	1650	1652	rVV	314212	310775	13.61%	0.781%
43	11.815	1652	1654	1659	rVV	488549	422816	18.51%	1.063%
44	11.863	1659	1662	1665	rVV	191860	166078	7.27%	0.417%
45	11.898	1665	1668	1671	rVV	432594	504594	22.09%	1.268%
46	11.921	1671	1672	1675	rVB	229868	149771	6.56%	0.376%
47	12.086	1696	1700	1701	rBV	201488	178634	7.82%	0.449%
48	12.104	1701	1703	1707	rVB	150477	128536	5.63%	0.323%
49	12.233	1720	1725	1728	rBV	88472	101584	4.45%	0.255%
50	12.268	1728	1731	1732	rVV	64424	58881	2.58%	0.148%
51	12.286	1732	1734	1737	rVB	73675	60251	2.64%	0.151%
52	12.339	1737	1743	1746	rBV	180889	228696	10.01%	0.575%
53	12.374	1746	1749	1751	rVV3	107137	132440	5.80%	0.333%
54	12.421	1754	1757	1762	rVB3	116001	167021	7.31%	0.420%
55	12.498	1766	1770	1774	rVV	2329158	2106832	92.24%	5.295%
56	12.551	1774	1779	1784	rVV3	60324	104598	4.58%	0.263%
57	12.627	1787	1792	1793	rVV4	50366	79072	3.46%	0.199%
58	12.645	1793	1795	1800	rVV	88125	97971	4.29%	0.246%
59	12.727	1803	1809	1812	rBV	2050948	2207368	96.65%	5.548%
60	12.774	1814	1817	1822	rVB3	98035	142745	6.25%	0.359%
61	12.845	1823	1829	1831	rBV	151518	153372	6.72%	0.385%
62	12.868	1831	1833	1840	rVB2	691977	681478	29.84%	1.713%
63	12.945	1840	1846	1849	rBV4	157110	281287	12.32%	0.707%
64	13.004	1853	1856	1858	rBV3	54791	61830	2.71%	0.155%
65	13.027	1858	1860	1862	rVV	102141	115642	5.06%	0.291%
66	13.051	1862	1864	1867	rVB	311936	264614	11.59%	0.665%
67	13.121	1872	1876	1878	rBV	193148	187339	8.20%	0.471%
68	13.157	1878	1882	1885	rVV2	226697	223209	9.77%	0.561%
69	13.245	1894	1897	1900	rVB	112626	108019	4.73%	0.271%
70	13.280	1900	1903	1907	rBV2	116923	133181	5.83%	0.335%
71	13.351	1912	1915	1925	rVB7	64219	89201	3.91%	0.224%

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72	13.457	1925	1933	1934	rBV5	77020	150092	6.57%	0.377%
73	13.551	1946	1949	1955	rVB	184539	201698	8.83%	0.507%
74	13.668	1964	1969	1972	rBV2	188286	261604	11.45%	0.657%
75	13.698	1972	1974	1976	rVV	171843	141116	6.18%	0.355%
76	13.721	1976	1978	1982	rVV2	116830	170613	7.47%	0.429%
77	13.757	1982	1984	1990	rVB	163485	225683	9.88%	0.567%
78	13.915	2006	2011	2014	rBV3	1507057	2086213	91.34%	5.243%
79	13.945	2014	2016	2019	rVB	900800	678935	29.73%	1.706%
80	14.021	2027	2029	2033	rVB	127615	110615	4.84%	0.278%
81	14.104	2040	2043	2045	rVB	106274	94807	4.15%	0.238%
82	14.133	2045	2048	2051	rBV2	951311	939047	41.11%	2.360%
83	14.239	2062	2066	2069	rVB3	65068	79573	3.48%	0.200%
84	14.292	2072	2075	2080	rVV2	462991	571544	25.02%	1.436%
85	14.339	2080	2083	2086	rVB	113983	109699	4.80%	0.276%
86	14.404	2090	2094	2096	rVV4	107491	187254	8.20%	0.471%
87	14.451	2100	2102	2105	rVB2	108176	102557	4.49%	0.258%
88	14.498	2105	2110	2114	rVB4	54318	97564	4.27%	0.245%
89	14.598	2124	2127	2130	rBV3	68583	87228	3.82%	0.219%
90	14.762	2152	2155	2157	rBV2	60328	82257	3.60%	0.207%
91	14.845	2166	2169	2173	rBV4	57729	68624	3.00%	0.172%
92	14.939	2180	2185	2187	rBV	721664	1058403	46.34%	2.660%
93	15.039	2199	2202	2209	rVB	178181	216449	9.48%	0.544%
94	15.221	2229	2233	2239	rVB	422318	531985	23.29%	1.337%
95	15.280	2239	2243	2248	rBV	628471	710574	31.11%	1.786%
96	15.345	2249	2254	2257	rBV	673386	858713	37.60%	2.158%
97	15.368	2257	2258	2262	rVB	141407	121771	5.33%	0.306%
98	16.727	2484	2489	2497	rVB2	231896	451851	19.78%	1.136%
99	17.145	2555	2560	2565	rVB	171489	302294	13.24%	0.760%
100	17.762	2658	2665	2674	rVB	157844	389963	17.07%	0.980%

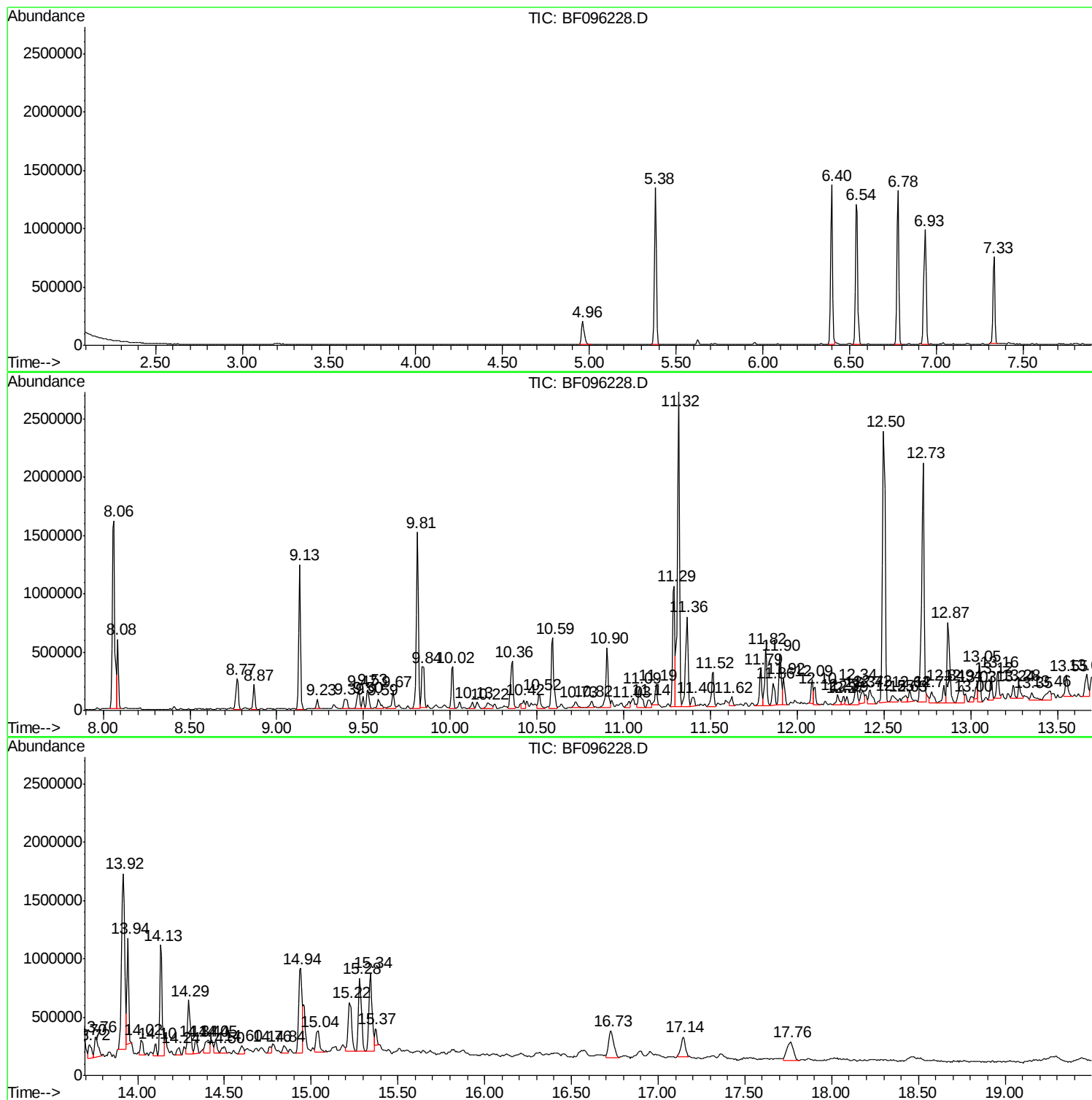
Sum of corrected areas: 39789075

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
OB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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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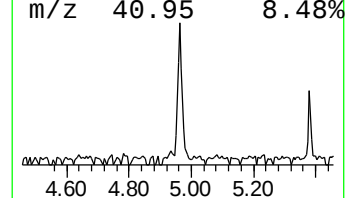
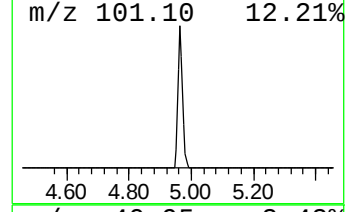
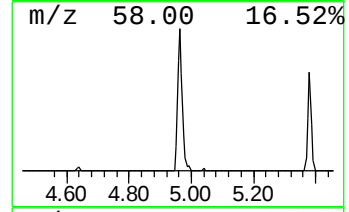
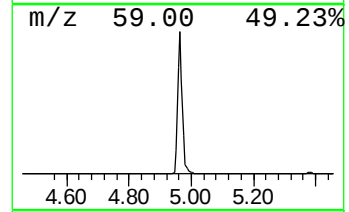
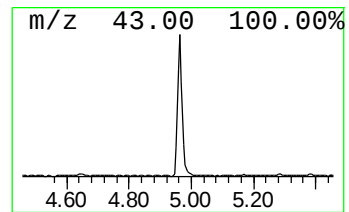
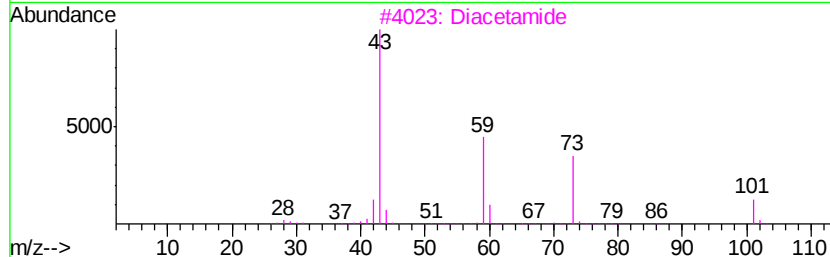
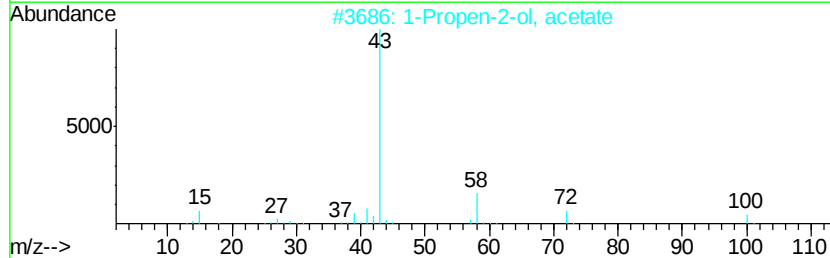
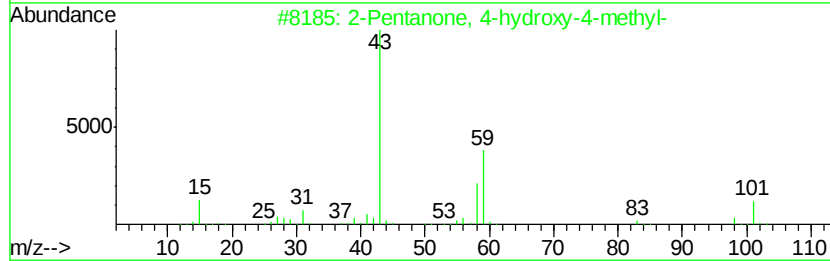
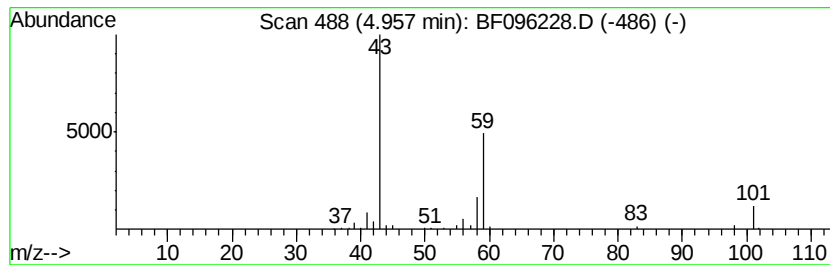
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	3.86 ng	213705	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
3			Diacetamide	101	C4H7NO2	000625-77-4	7
4			Acetone	58	C3H6O	000067-64-1	7
5			Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	7



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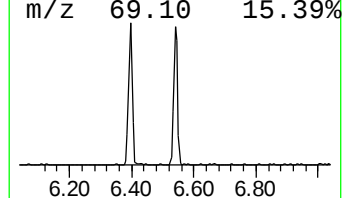
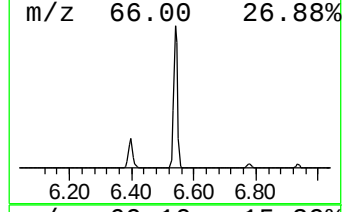
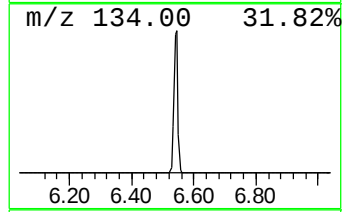
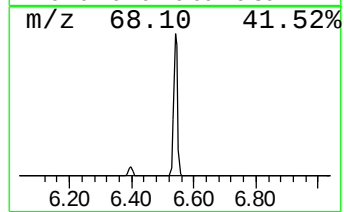
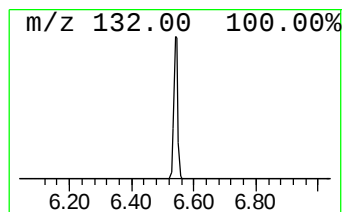
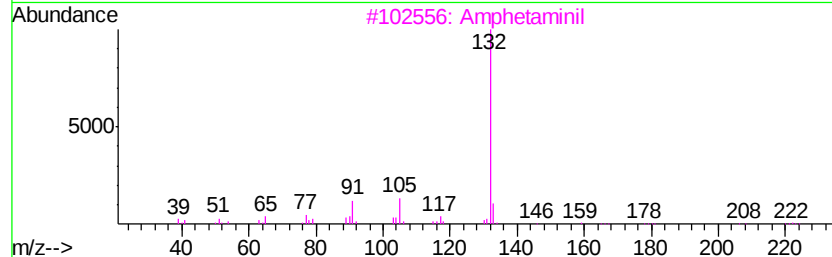
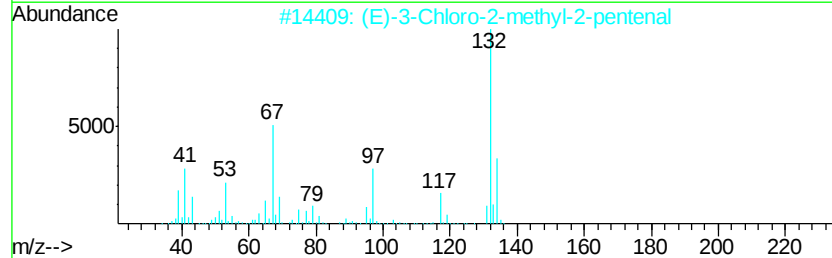
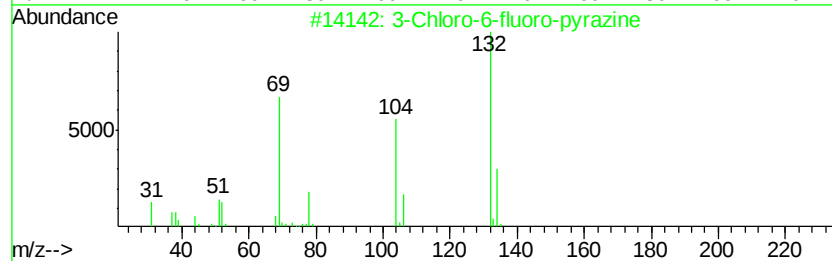
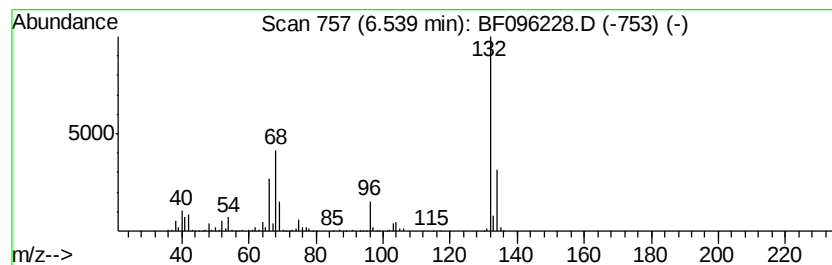
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	20.04 ng	1108110	1,4-Dichlorobenzene-d4	6.78

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	17
3		Amphetaminil	250	C17H18N2	017590-01-1	10
4		Tranlylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		1-Aminoindan	133	C9H11N	034698-41-4	9



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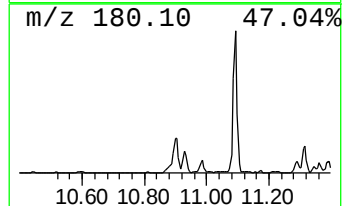
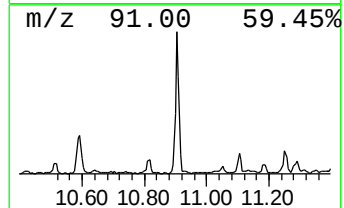
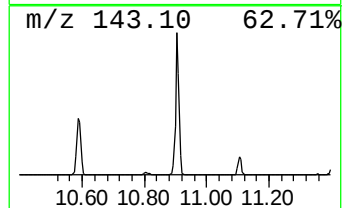
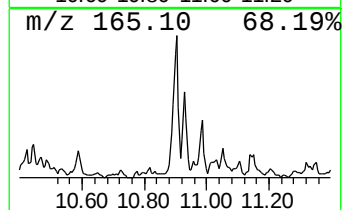
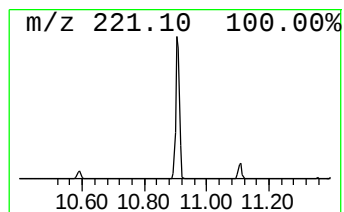
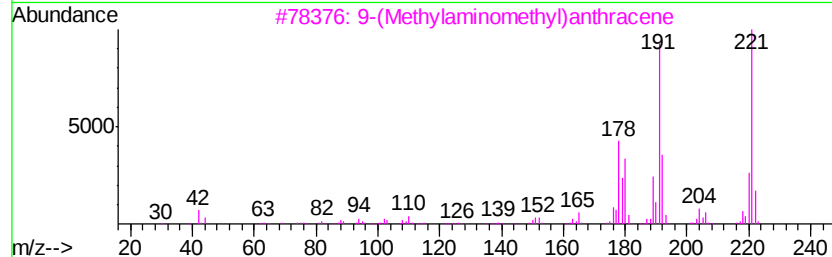
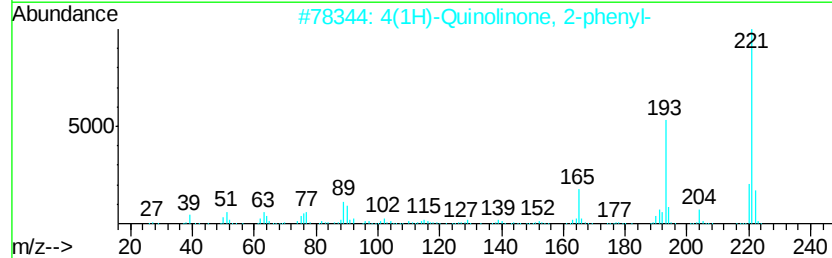
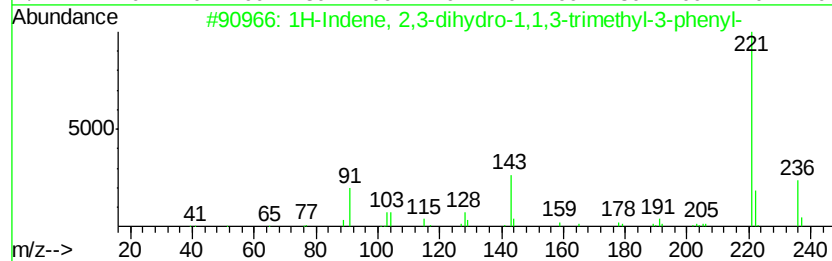
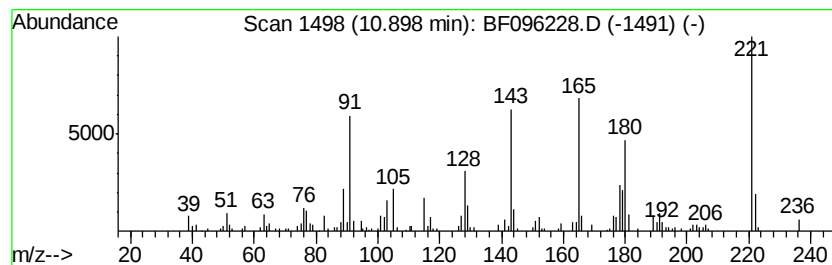
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TIC Integration Parameters: LSCINT.P

Peak Number 5 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.90	10.18 ng	508115	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	76
2	4(1H)-Quinolinone, 2-phenyl-	221	C15H11NO	014802-18-7	50
3	9-(Methylaminomethyl)anthracene	221	C16H15N	073356-19-1	46
4	4-Quinolinol, 2-phenyl-	221	C15H11NO	001144-20-3	43
5	1H-1,2,3-Triazole, 4,5-diphenyl-	221	C14H11N3	005533-73-3	43



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Operator : SJ/MA
Sample : I3920-04 5X
Misc :
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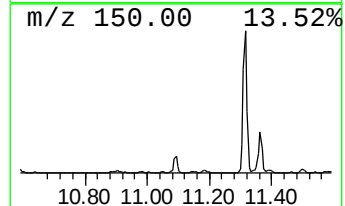
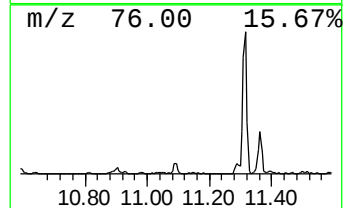
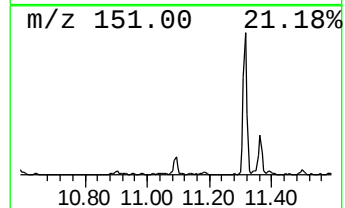
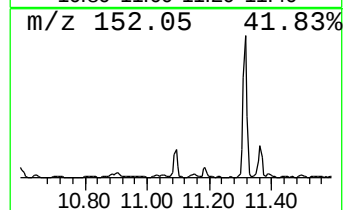
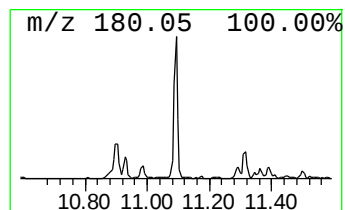
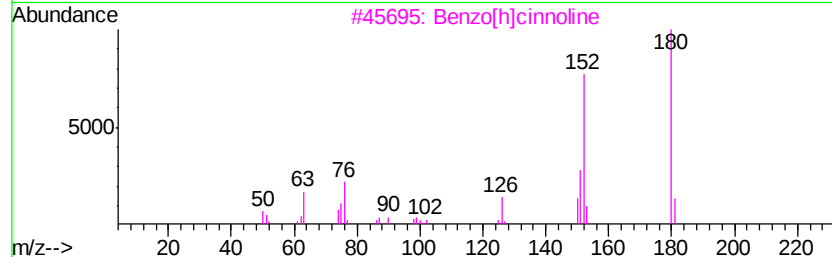
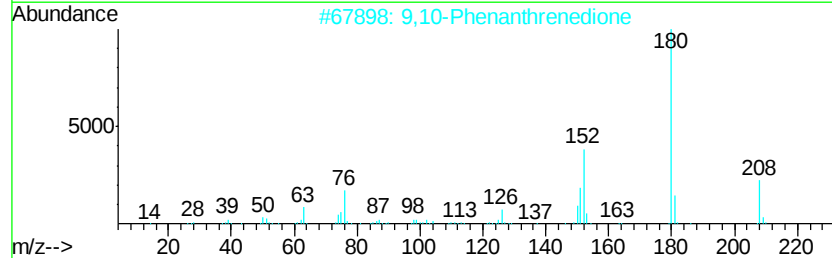
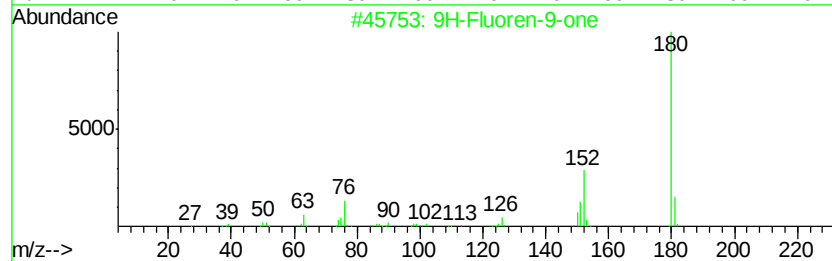
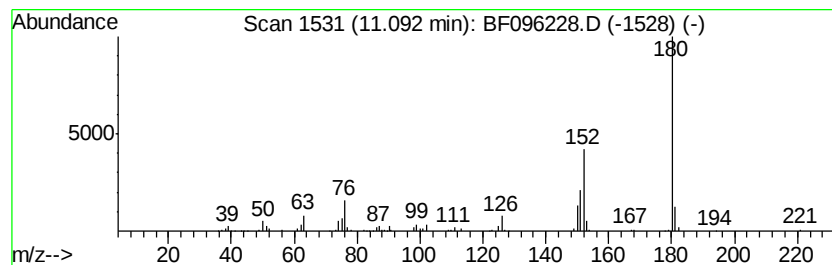
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.09	4.23 ng	211450	Phenanthrene-d10		11.29
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50
5	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	40



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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ClientSampleId :
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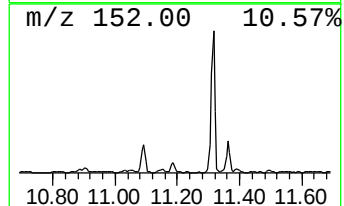
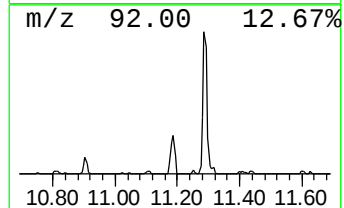
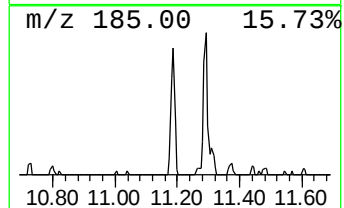
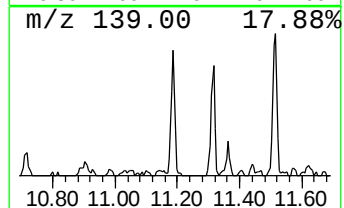
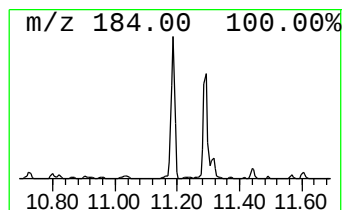
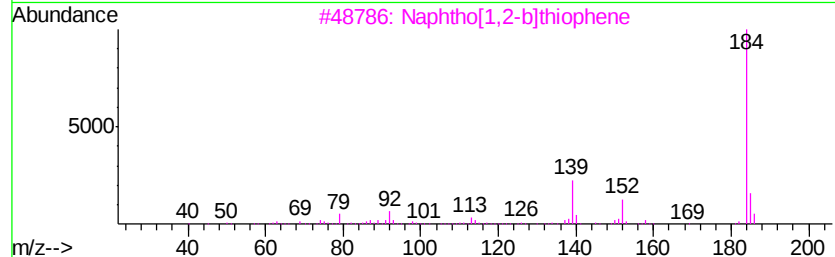
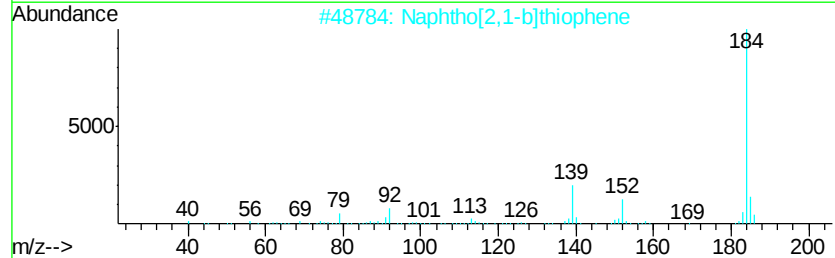
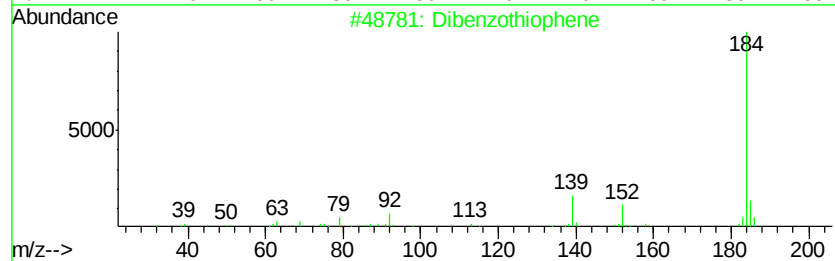
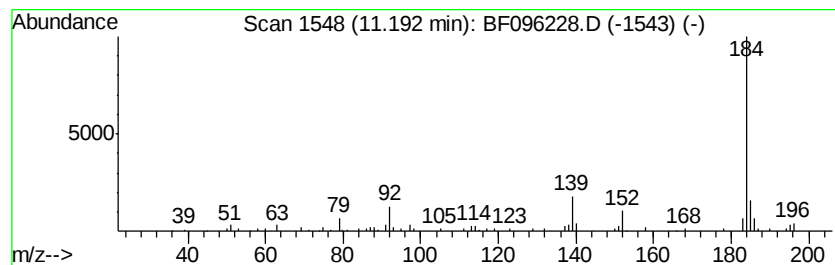
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	2.94 ng	146685	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	97
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
5		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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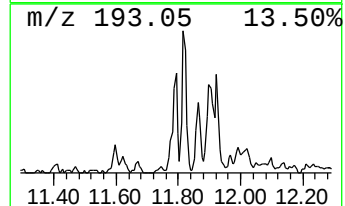
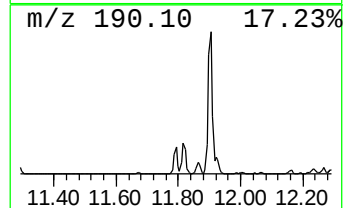
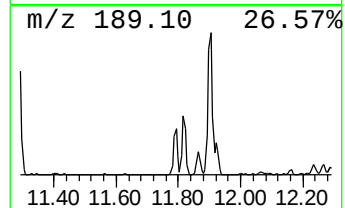
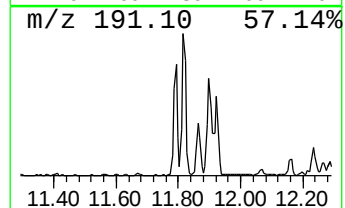
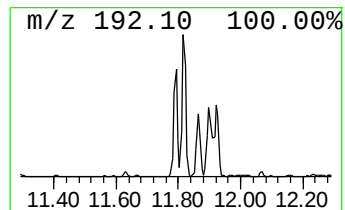
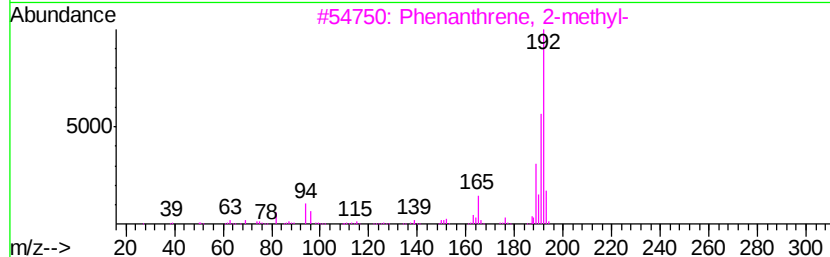
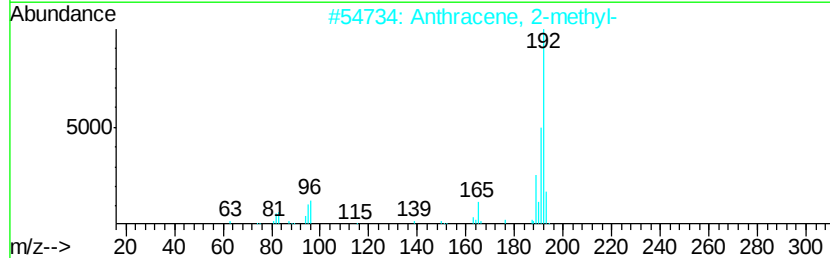
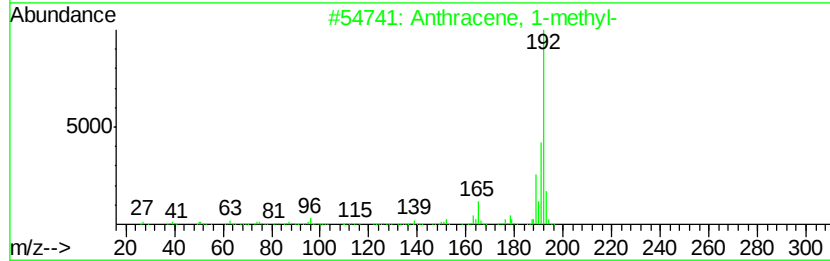
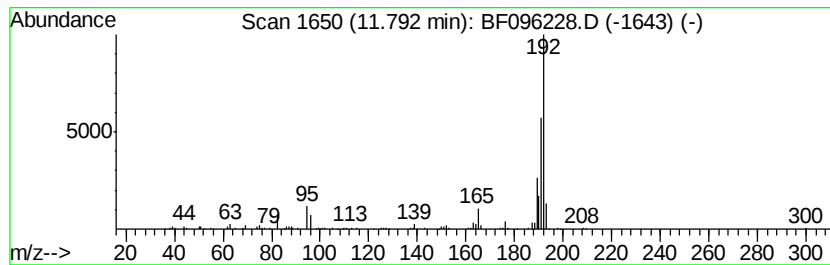
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.79	6.22 ng	310775	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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ALS Vial : 12 Sample Multiplier: 1

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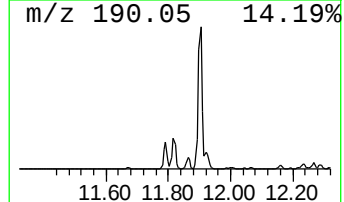
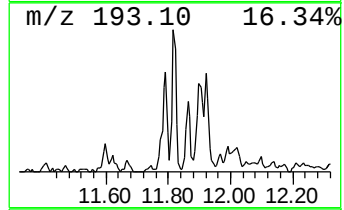
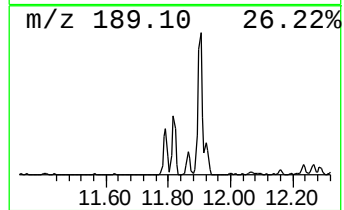
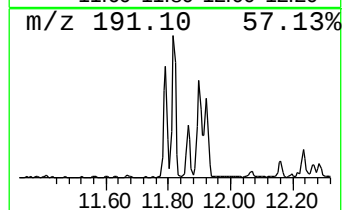
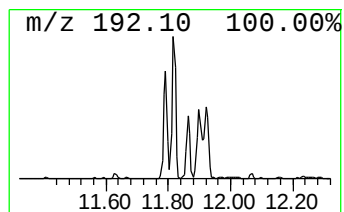
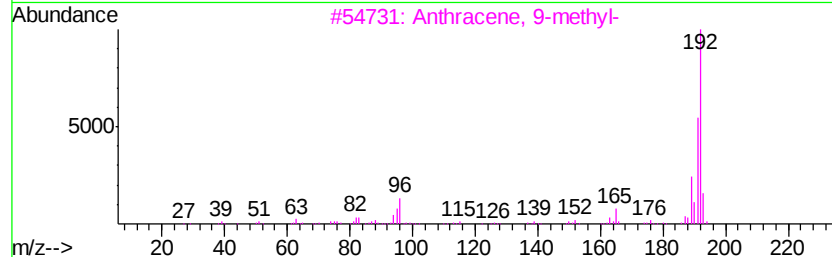
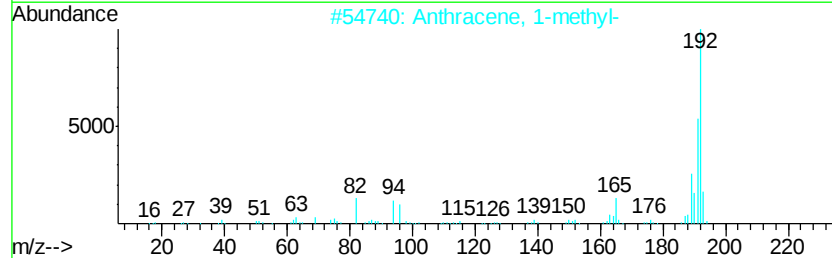
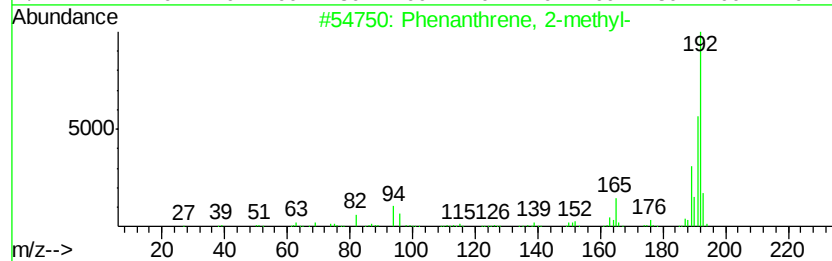
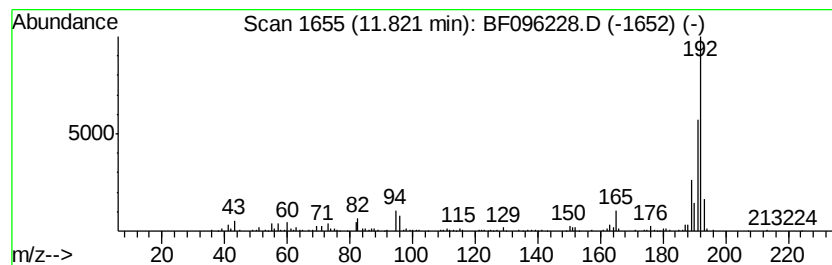
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	8.47 ng	422816	Phenanthrene-d10	11.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90



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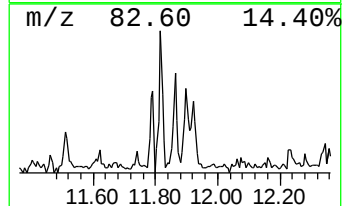
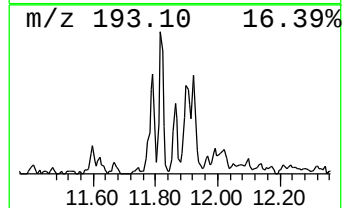
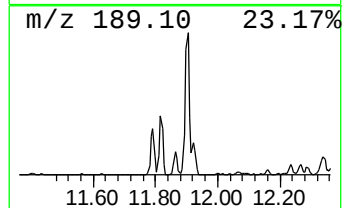
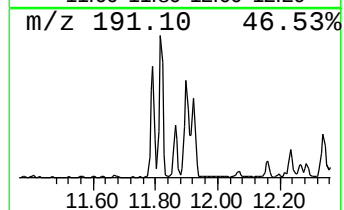
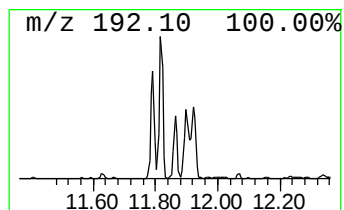
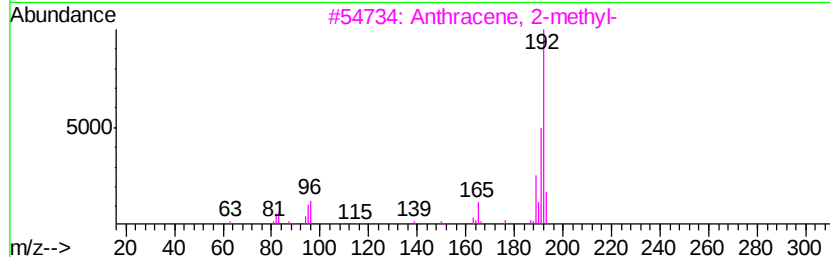
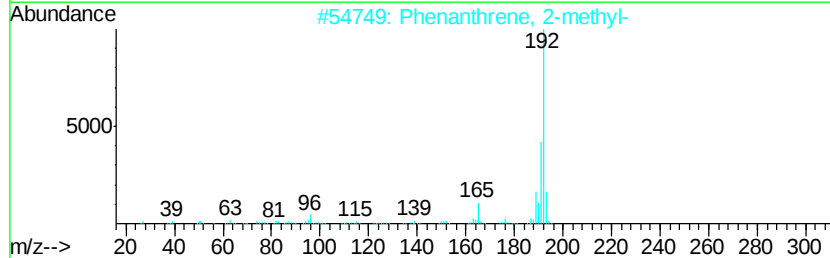
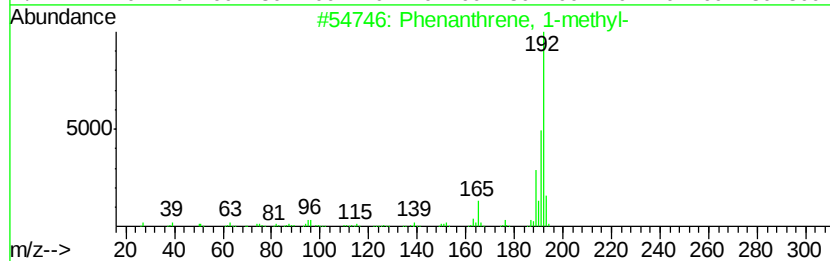
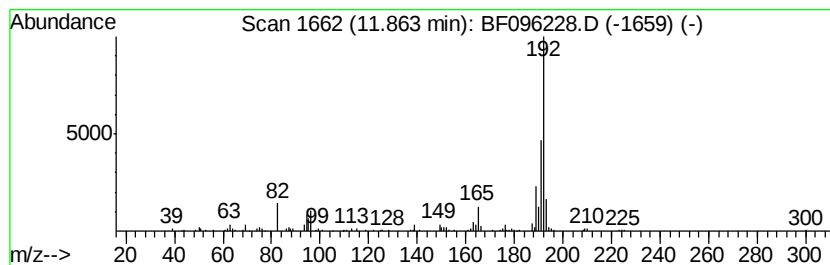
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.86	3.33 ng	166078	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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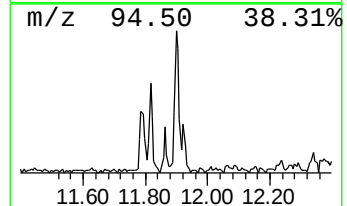
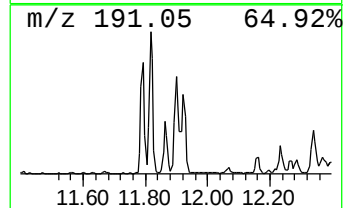
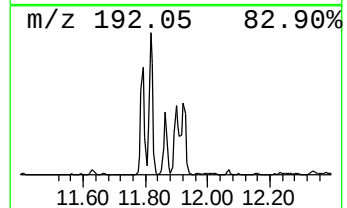
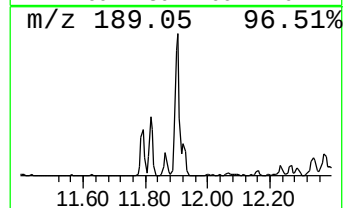
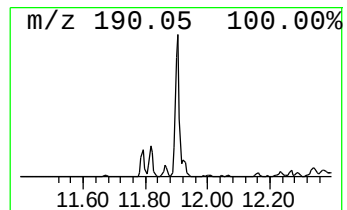
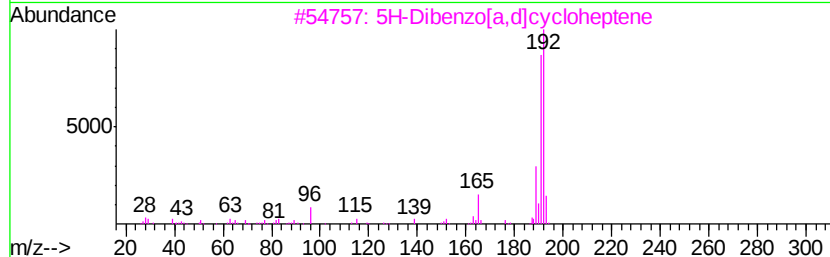
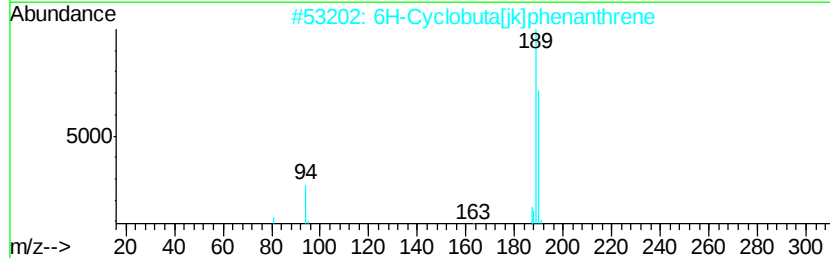
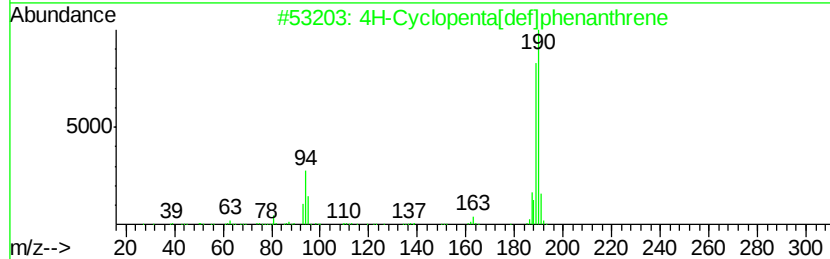
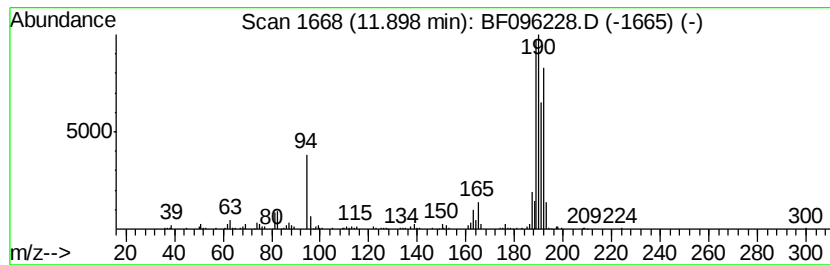
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.90	10.11 ng	504594	Phenanthrene-d10		11.29		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF062717\
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Sample : I3920-04 5X
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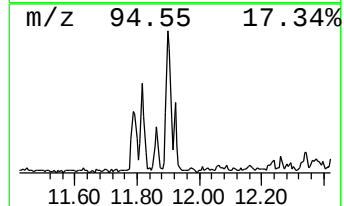
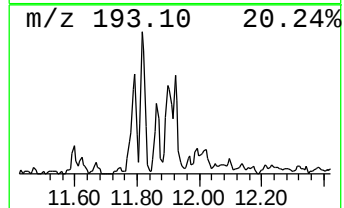
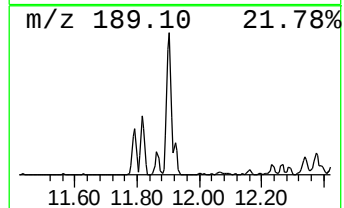
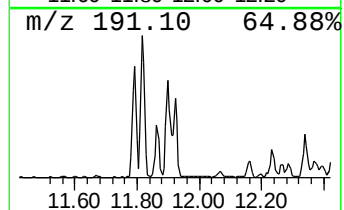
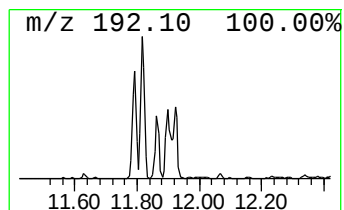
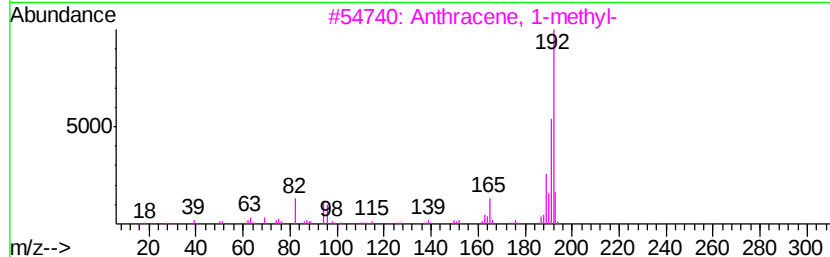
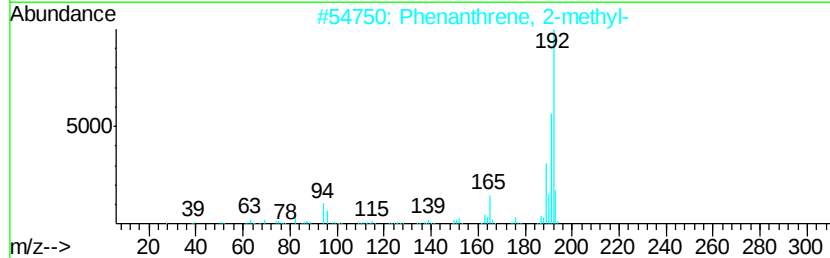
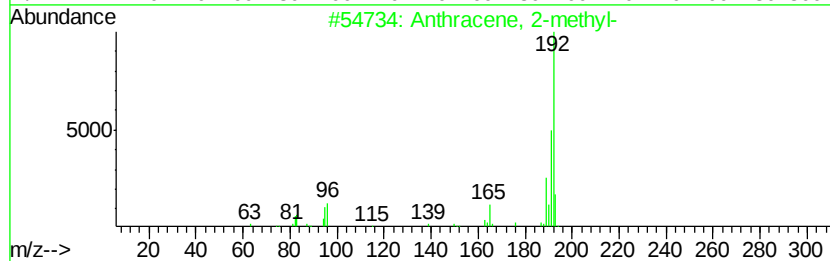
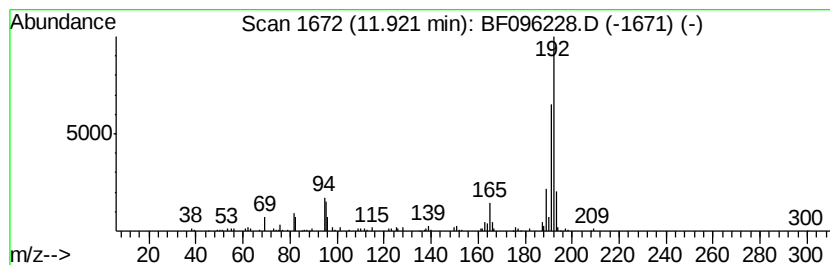
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	3.00 ng	149771	Phenanthrene-d10	11.29	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



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Data File : BF096228.D
Acq On : 27 Jun 2017 20:49
Operator : SJ/MA
Sample : I3920-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

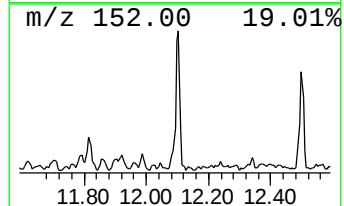
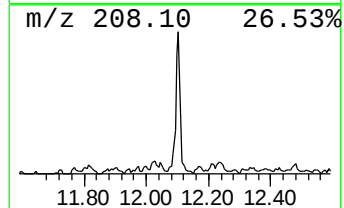
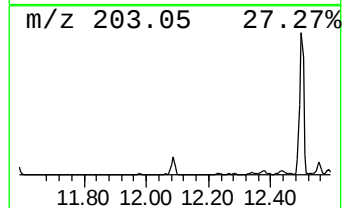
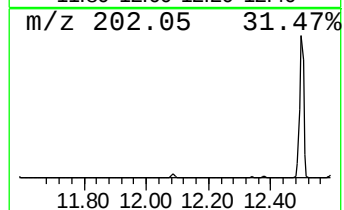
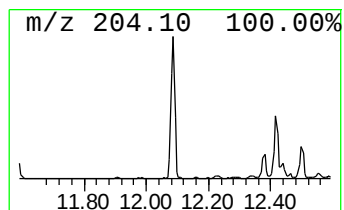
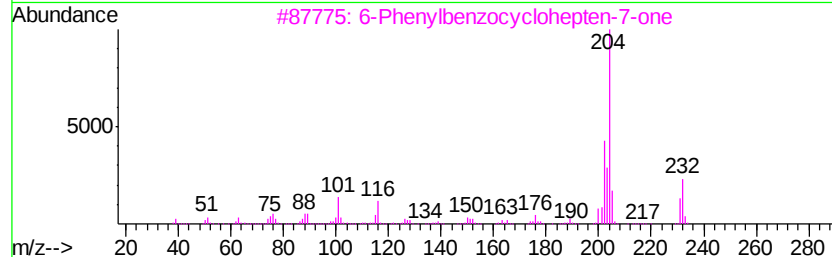
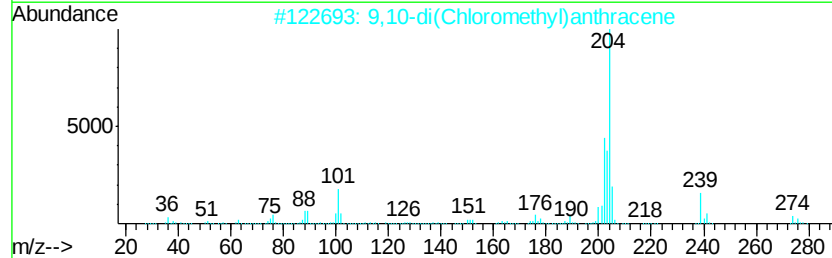
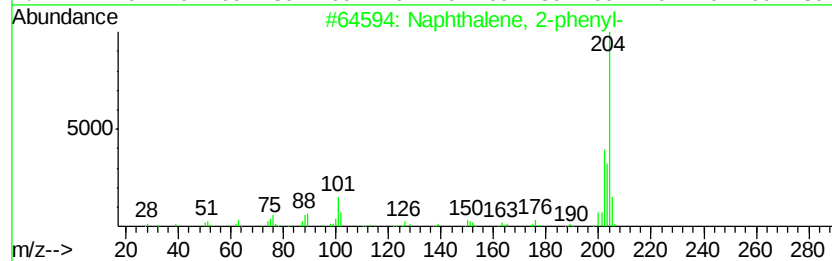
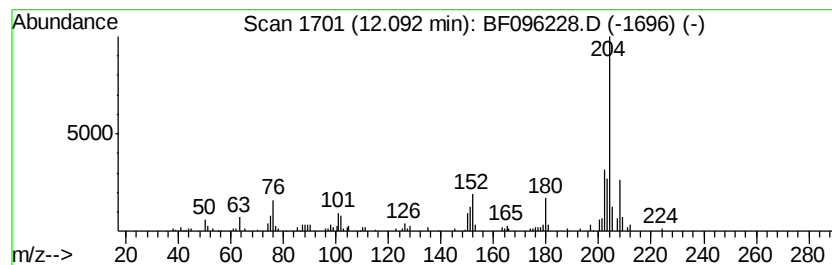
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.09	3.58 ng	178634	Phenanthrene-d10	11.29		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	87
3		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF062717\
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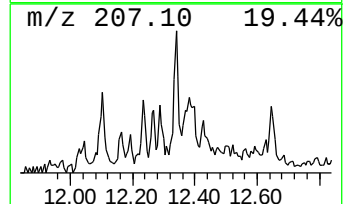
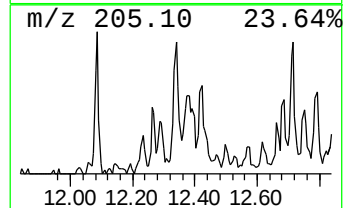
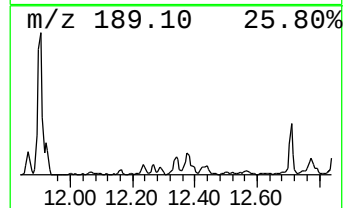
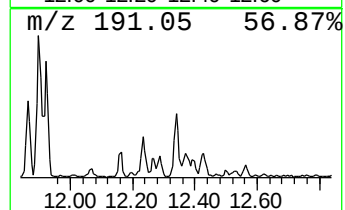
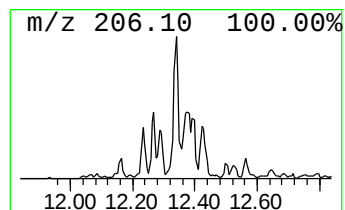
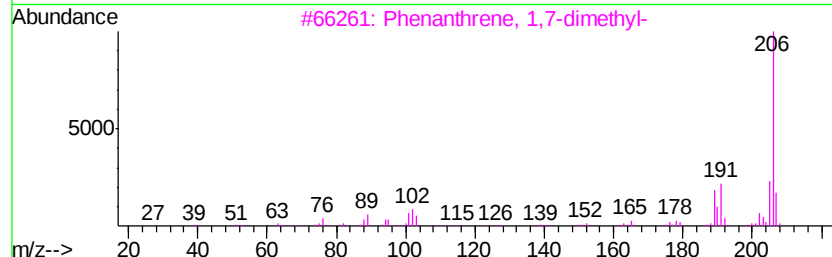
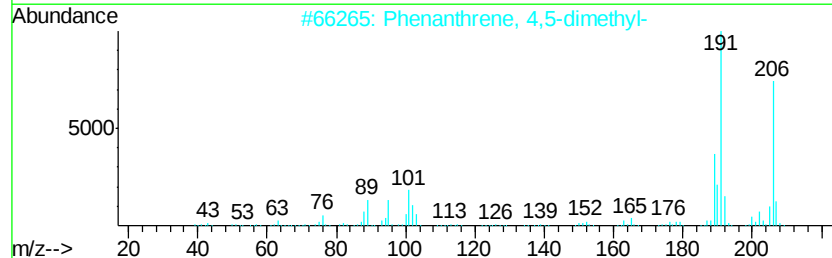
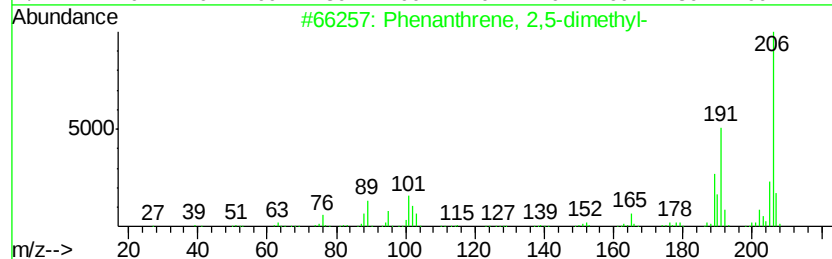
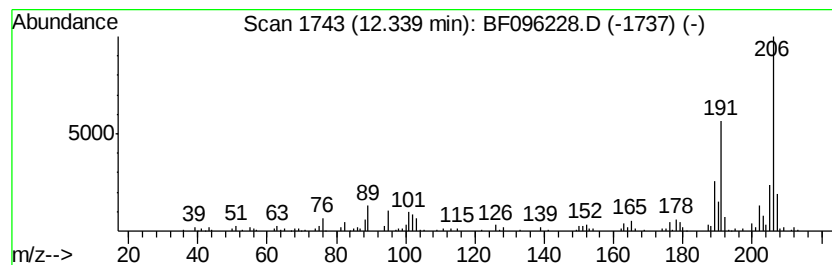
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	4.58 ng	228696	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	92
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	92



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096228.D
Acq On : 27 Jun 2017 20:49
Operator : SJ/MA
Sample : I3920-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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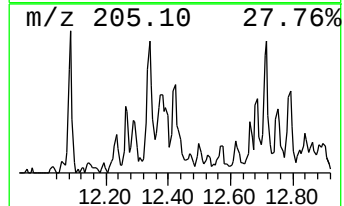
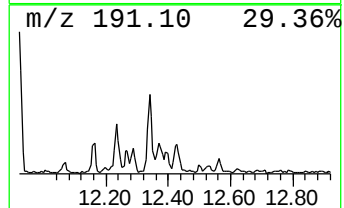
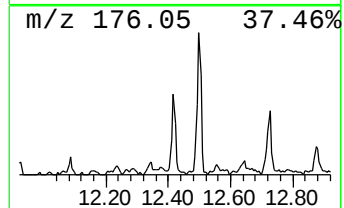
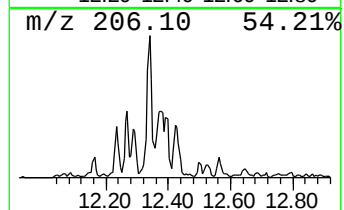
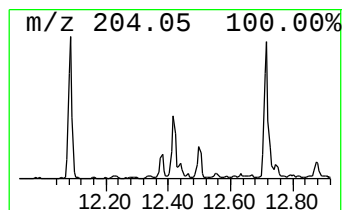
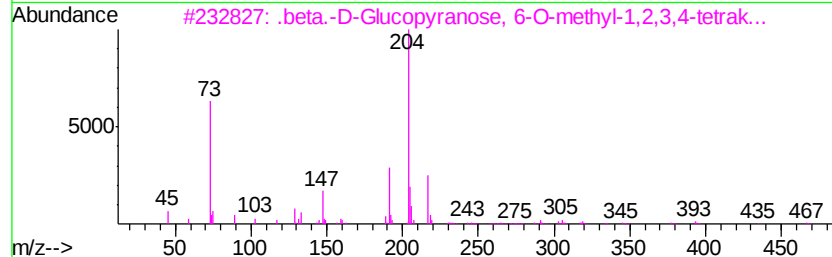
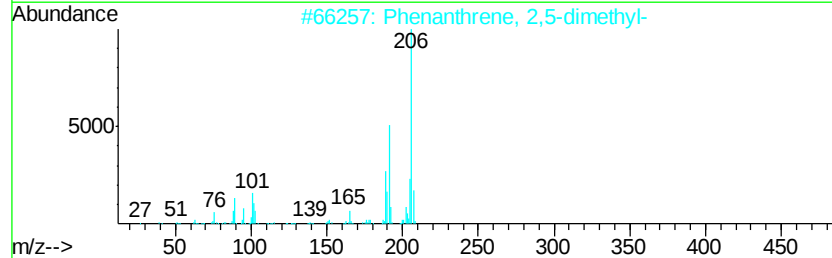
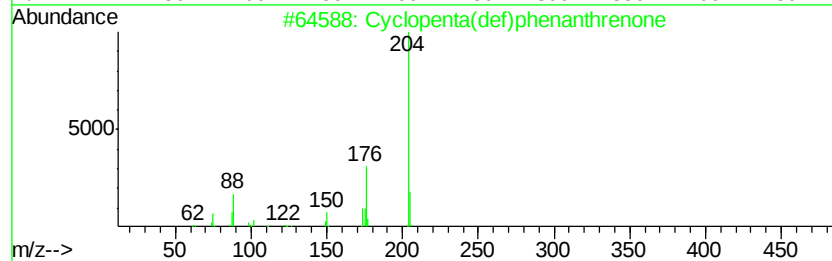
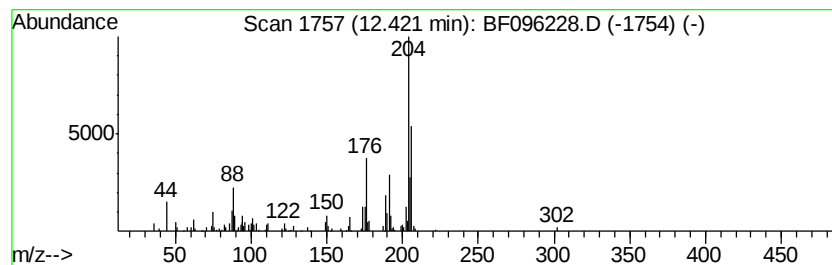
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	3.35 ng	167021	Phenanthrene-d10	11.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	50
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	50
3		.beta.-D-Glucopyranose, 6-O-meth...	482	C19H46O6Si4	055515-35-0	43
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	42
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	42



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096228.D
Acq On : 27 Jun 2017 20:49
Operator : SJ/MA
Sample : I3920-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

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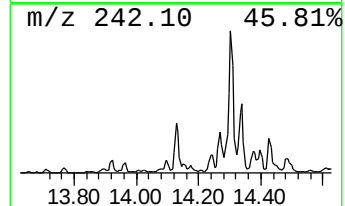
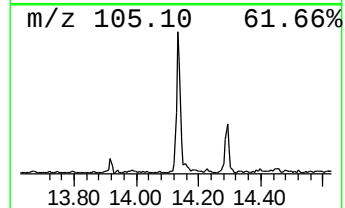
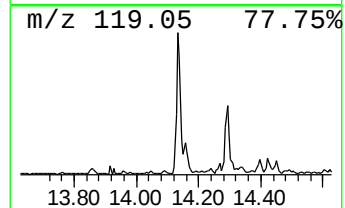
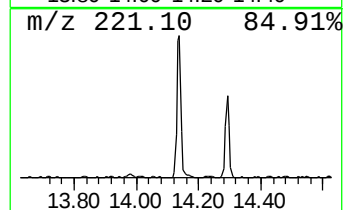
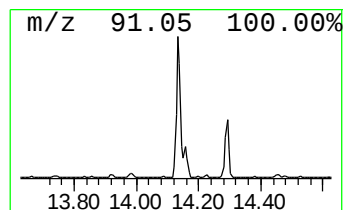
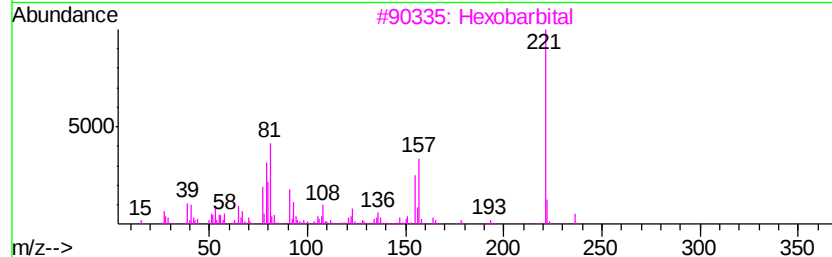
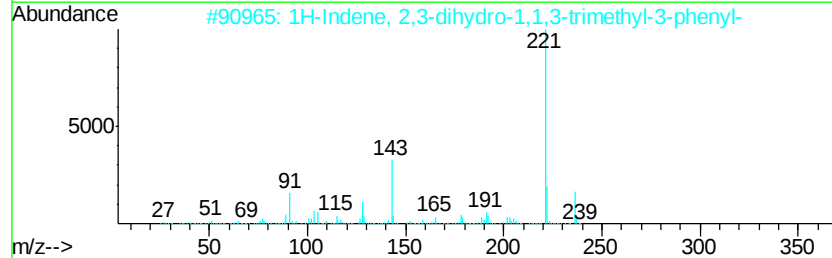
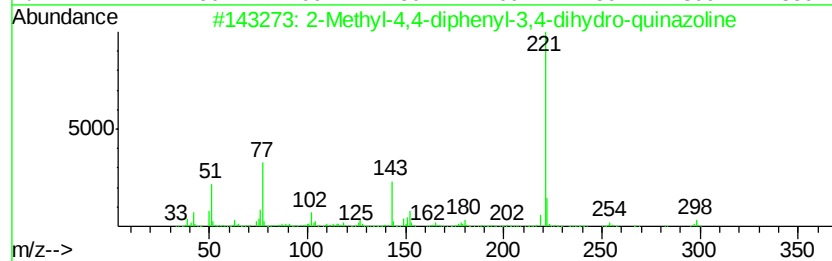
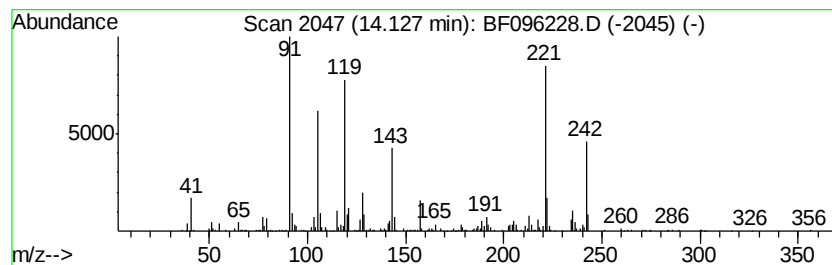
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown14.13 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	9.00 ng	939047	Chrysene-d12	13.92

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methyl-4,4-diphenyl-3,4-dihydr...	298	C21H18N2	1000300-40-0	38
2		1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	38
3		Hexobarbital	236	C12H16N2O3	000056-29-1	35
4		4,6-Dimethyl-2-thioxo-1,2-dihydr...	236	C11H16N2SSi	1000332-43-1	27
5		Boron, diethyl(5-ethyl-4,6-nonan...	250	C15H31BN2	136705-03-8	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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 Misc :
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Instrument :
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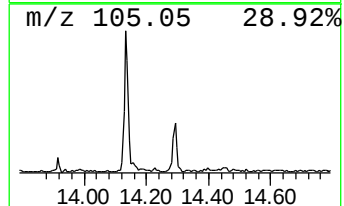
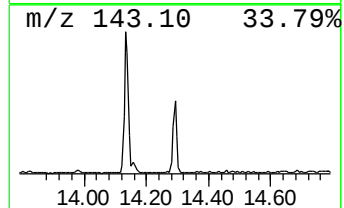
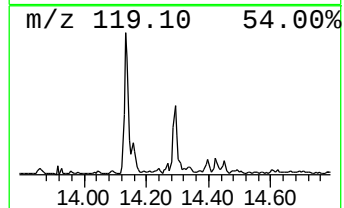
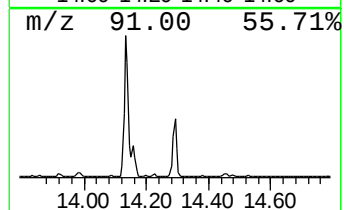
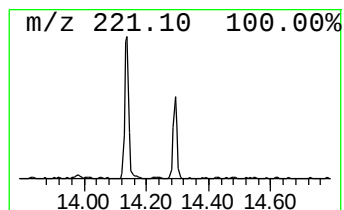
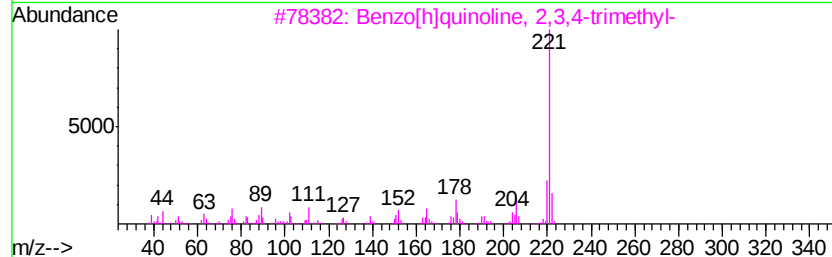
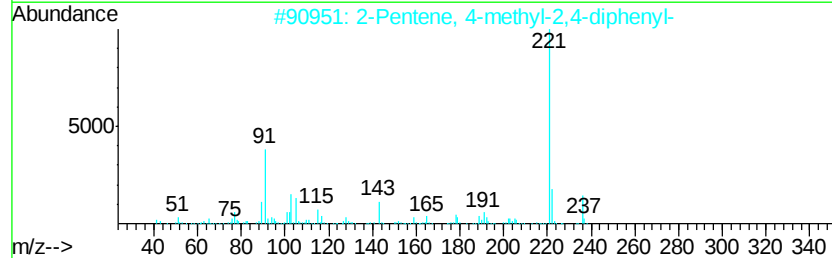
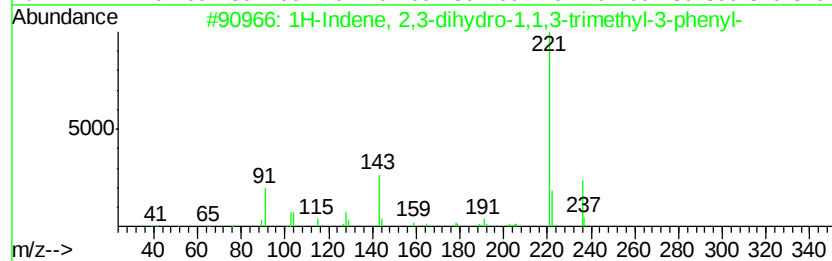
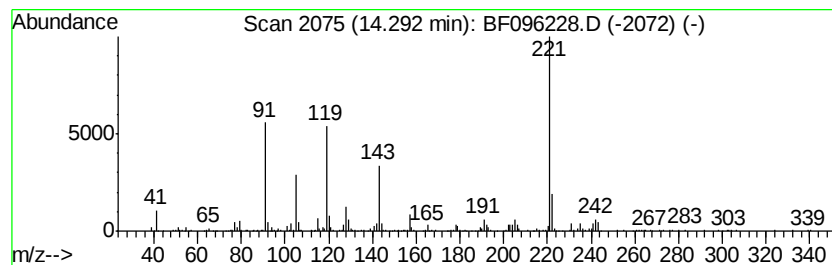
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 17 unknown14.29 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.29	5.48 ng	571544	Chrysene-d12	13.92

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	49
2			2-Pentene, 4-methyl-2,4-diphenyl-	236	C18H20	006258-73-7	40
3			Benzo[h]quinoline, 2,3,4-trimethyl-	221	C16H15N	063042-66-0	35
4			Boron, diethyl(5-ethyl-4,6-nonan...	250	C15H31BN2	136705-03-8	27
5			3-Methoxy-5-nitrobenzotrifluoride	221	C8H6F3NO3	000328-79-0	27



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
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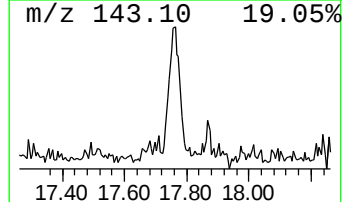
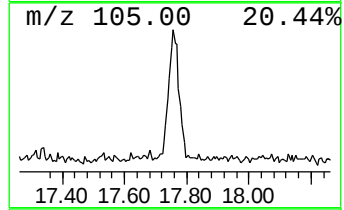
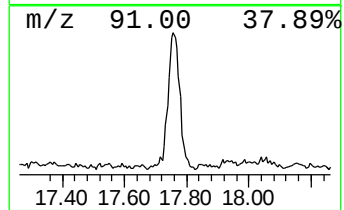
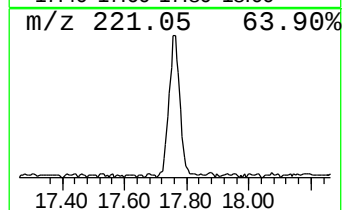
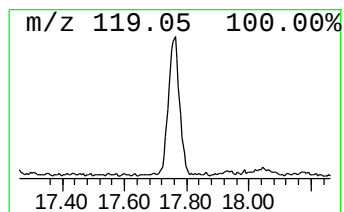
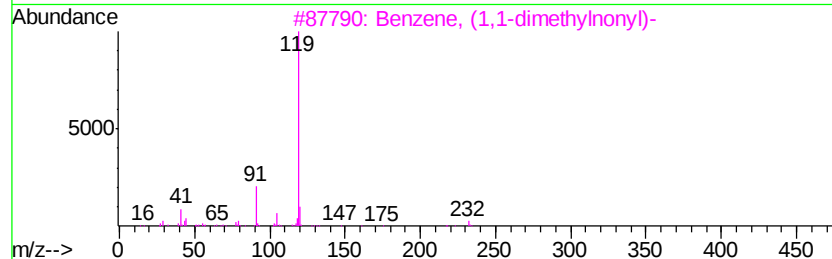
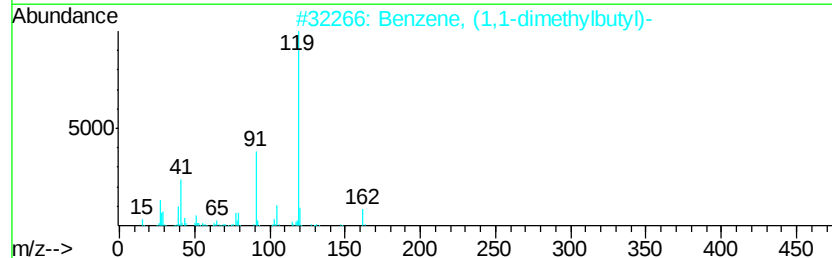
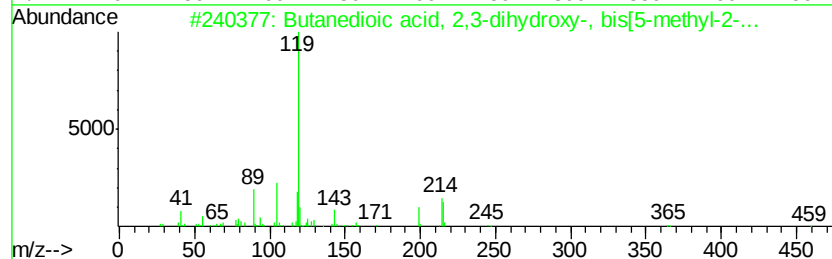
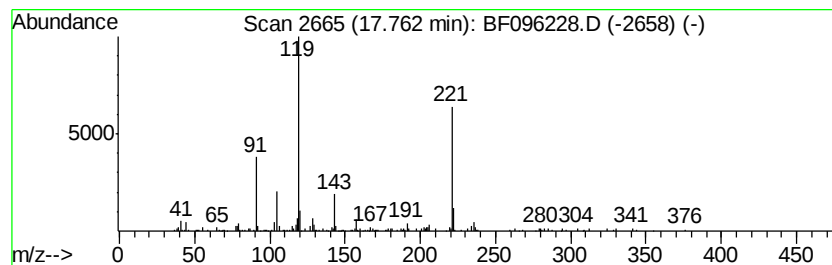
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.76 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	9.08 ng	389963	Perylene-d12	15.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanedioic acid, 2,3-dihydroxy-...	578	C36H50O6	125276-96-2	43
2		Benzene, (1,1-dimethylbutyl)-	162	C12H18	001985-57-5	38
3		Benzene, (1,1-dimethylnonyl)-	232	C17H28	055191-25-8	38
4		Benzene, (1,1-dimethyldecyl)-	246	C18H30	027854-40-6	38
5		Acetic acid, (2,4-xylyl)-	164	C10H12O2	006331-04-0	38



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096228.D
 Acq On : 27 Jun 2017 20:49
 Operator : SJ/MA
 Sample : I3920-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OB-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF062717.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
2-Pentanone, 4-hy...	4.96	3.9 ng		213705	1	6.78	1106160	20.0
unknown6.54	6.54	20.0 ng		1108110	1	6.78	1106160	20.0
1H-Indene, 2,3-di...	10.90	10.2 ng		508115	4	11.29	998610	20.0
9H-Fluoren-9-one	11.09	4.2 ng		211450	4	11.29	998610	20.0
Dibenzothiophene	11.19	2.9 ng		146685	4	11.29	998610	20.0
Anthracene, 1-met...	11.79	6.2 ng		310775	4	11.29	998610	20.0
Phenanthrene, 2-m...	11.82	8.5 ng		422816	4	11.29	998610	20.0
Phenanthrene, 1-m...	11.86	3.3 ng		166078	4	11.29	998610	20.0
4H-Cyclopenta[def...	11.90	10.1 ng		504594	4	11.29	998610	20.0
Anthracene, 2-met...	11.92	3.0 ng		149771	4	11.29	998610	20.0
Naphthalene, 2-ph...	12.09	3.6 ng		178634	4	11.29	998610	20.0
Phenanthrene, 2,5...	12.34	4.6 ng		228696	4	11.29	998610	20.0
Cyclopenta(def)ph...	12.42	3.4 ng		167021	4	11.29	998610	20.0
unknown14.13	14.13	9.0 ng		939047	5	13.92	2086210	20.0
unknown14.29	14.29	5.5 ng		571544	5	13.92	2086210	20.0
unknown17.76	17.76	9.1 ng		389963	6	15.34	858713	20.0