

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099416.D
 Acq On : 13 Oct 2017 1:10
 Operator : SJ/JU
 Sample : I5729-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7W-(1-2)

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	2.140	5	9	16	rVB	54432	76149	3.22%	0.183%
2	5.081	503	509	519	rBV	338849	458924	19.39%	1.102%
3	5.481	573	577	580	rVV	2123837	2071385	87.52%	4.976%
4	6.486	743	748	757	rBV	1921613	2252273	95.16%	5.410%
5	6.628	767	772	775	rBV	2239940	2254279	95.25%	5.415%
6	6.851	807	810	816	rVB	806389	676992	28.60%	1.626%
7	7.010	830	837	840	rBV	2012843	1772360	74.88%	4.258%
8	7.416	902	906	909	rVV	1373059	1435738	60.66%	3.449%
9	8.104	1021	1023	1025	rBV	60043	53449	2.26%	0.128%
10	8.133	1025	1028	1030	rVV	994513	833934	35.23%	2.003%
11	8.157	1030	1032	1034	rVV	127382	106696	4.51%	0.256%
12	8.416	1070	1076	1082	rBV5	38563	58030	2.45%	0.139%
13	8.545	1095	1098	1100	rBV	76587	66466	2.81%	0.160%
14	8.716	1124	1127	1131	rVB	70808	60951	2.58%	0.146%
15	8.845	1146	1149	1152	rBV	136776	108861	4.60%	0.262%
16	8.945	1162	1166	1169	rBV	70227	60325	2.55%	0.145%
17	9.210	1205	1211	1214	rBV	2258295	2228871	94.17%	5.354%
18	9.280	1219	1223	1225	rVV	82668	77198	3.26%	0.185%
19	9.475	1251	1256	1259	rBV	57367	70758	2.99%	0.170%
20	9.545	1265	1268	1270	rVV	76407	84021	3.55%	0.202%
21	9.598	1274	1277	1284	rVB	515513	456342	19.28%	1.096%
22	9.810	1305	1313	1317	rVB	100209	106500	4.50%	0.256%
23	9.886	1323	1326	1329	rVB2	834494	709790	29.99%	1.705%
24	9.922	1329	1332	1335	rVB	185421	168340	7.11%	0.404%
25	10.045	1347	1353	1355	rBV6	35854	54696	2.31%	0.131%
26	10.092	1357	1361	1364	rVV2	189072	172140	7.27%	0.414%
27	10.127	1364	1367	1371	rVB2	84853	75632	3.20%	0.182%
28	10.198	1376	1379	1382	rBV	59586	66365	2.80%	0.159%
29	10.310	1391	1398	1400	rVB3	140774	180213	7.61%	0.433%
30	10.433	1416	1419	1426	rVB2	152589	164811	6.96%	0.396%
31	10.598	1440	1447	1451	rVB2	270346	264403	11.17%	0.635%
32	10.680	1457	1461	1464	rBV	985878	970883	41.02%	2.332%
33	10.780	1474	1478	1487	rVB2	301075	370342	15.65%	0.890%
34	10.980	1506	1512	1515	rBV	299640	336730	14.23%	0.809%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.010	1515	1517	1519	rBV2	69388	65265	2.76%	0.157%
36	11.110	1529	1534	1536	rBV3	55094	86954	3.67%	0.209%
37	11.180	1543	1546	1550	rBV	195747	187693	7.93%	0.451%
38	11.227	1550	1554	1557	rVV3	223049	230048	9.72%	0.553%
39	11.257	1557	1559	1560	rVV2	64380	62575	2.64%	0.150%
40	11.274	1560	1562	1566	rVB2	152457	132025	5.58%	0.317%
41	11.374	1576	1579	1581	rBV	690414	647739	27.37%	1.556%
42	11.404	1581	1584	1587	rVV	2024625	1702772	71.94%	4.090%
43	11.451	1587	1592	1595	rVV	334566	309844	13.09%	0.744%
44	11.486	1595	1598	1603	rVV3	60390	90610	3.83%	0.218%
45	11.539	1603	1607	1608	rVV2	49751	65082	2.75%	0.156%
46	11.557	1608	1610	1614	rVV3	53398	57177	2.42%	0.137%
47	11.604	1614	1618	1622	rVV2	215465	265023	11.20%	0.637%
48	11.651	1624	1626	1631	rVV2	139963	158555	6.70%	0.381%
49	11.710	1633	1636	1640	rVB2	75138	95805	4.05%	0.230%
50	11.874	1661	1664	1666	rBV	215809	182675	7.72%	0.439%
51	11.904	1666	1669	1672	rVV	364576	327256	13.83%	0.786%
52	11.951	1675	1677	1680	rVV	72093	63743	2.69%	0.153%
53	11.986	1680	1683	1686	rVV2	300797	357736	15.11%	0.859%
54	12.010	1686	1687	1690	rVB	161305	91735	3.88%	0.220%
55	12.063	1692	1696	1698	rBV2	141814	134183	5.67%	0.322%
56	12.168	1711	1714	1717	rVV	213026	193979	8.20%	0.466%
57	12.204	1717	1720	1724	rVB	202344	200040	8.45%	0.481%
58	12.321	1735	1740	1742	rBV3	79938	113391	4.79%	0.272%
59	12.351	1742	1745	1747	rVV2	107368	112654	4.76%	0.271%
60	12.374	1747	1749	1752	rVB	87403	66143	2.79%	0.159%
61	12.427	1755	1758	1760	rVV	196410	208115	8.79%	0.500%
62	12.451	1760	1762	1766	rVV4	147059	185345	7.83%	0.445%
63	12.515	1770	1773	1777	rVV2	158632	170286	7.19%	0.409%
64	12.598	1782	1787	1790	rBV	2252714	2274462	96.10%	5.464%
65	12.633	1790	1793	1795	rBV	85136	69867	2.95%	0.168%
66	12.827	1819	1826	1830	rBV	1986776	2366800	100.00%	5.686%
67	12.868	1830	1833	1837	rVB2	140592	157601	6.66%	0.379%
68	12.957	1841	1848	1851	rBV	1681259	1687551	71.30%	4.054%
69	12.980	1851	1852	1855	rVB	129148	75681	3.20%	0.182%
70	13.033	1857	1861	1865	rBV4	134966	237243	10.02%	0.570%
71	13.121	1873	1876	1878	rBV3	118697	147977	6.25%	0.355%

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72	13.145	1878	1880	1883	rVB	206874	186912	7.90%	0.449%
73	13.174	1883	1885	1889	rBV3	79958	67176	2.84%	0.161%
74	13.215	1889	1892	1894	rBV	108319	95192	4.02%	0.229%
75	13.251	1895	1898	1900	rVV2	140511	122709	5.18%	0.295%
76	13.345	1912	1914	1916	rVB	87291	64333	2.72%	0.155%
77	13.374	1916	1919	1926	rBV3	112979	138622	5.86%	0.333%
78	13.568	1950	1952	1955	rVB2	101154	89207	3.77%	0.214%
79	13.657	1964	1967	1972	rVB	268458	243594	10.29%	0.585%
80	13.768	1983	1986	1988	rBV	180890	164466	6.95%	0.395%
81	13.792	1988	1990	1992	rVB	142696	101178	4.27%	0.243%
82	13.821	1992	1995	1996	rBV	161493	150362	6.35%	0.361%
83	13.868	2001	2003	2006	rVB	208184	175077	7.40%	0.421%
84	13.986	2020	2023	2024	rBV2	108643	112166	4.74%	0.269%
85	14.015	2024	2028	2031	rVV2	1119090	1701309	71.88%	4.087%
86	14.045	2031	2033	2036	rVB	877711	734428	31.03%	1.764%
87	14.127	2044	2047	2049	rBV	125832	99882	4.22%	0.240%
88	14.404	2092	2094	2097	rVB	188171	140535	5.94%	0.338%
89	14.439	2097	2100	2102	rBV	95110	91919	3.88%	0.221%
90	14.757	2152	2154	2158	rVB2	131308	124742	5.27%	0.300%
91	15.068	2202	2207	2209	rBV	650411	1008534	42.61%	2.423%
92	15.168	2222	2224	2228	rVB	91744	95375	4.03%	0.229%
93	15.368	2254	2258	2264	rVB	444095	565387	23.89%	1.358%
94	15.433	2264	2269	2273	rVV	561897	692321	29.25%	1.663%
95	15.492	2274	2279	2282	rVV	424274	612311	25.87%	1.471%
96	15.527	2282	2285	2293	rVB	187992	276765	11.69%	0.665%
97	15.909	2347	2350	2357	rVB3	97124	156552	6.61%	0.376%
98	16.415	2432	2436	2445	rVB3	105236	204527	8.64%	0.491%
99	16.980	2525	2532	2543	rVB2	236153	558152	23.58%	1.341%
100	17.427	2602	2608	2617	rVB	183917	368304	15.56%	0.885%

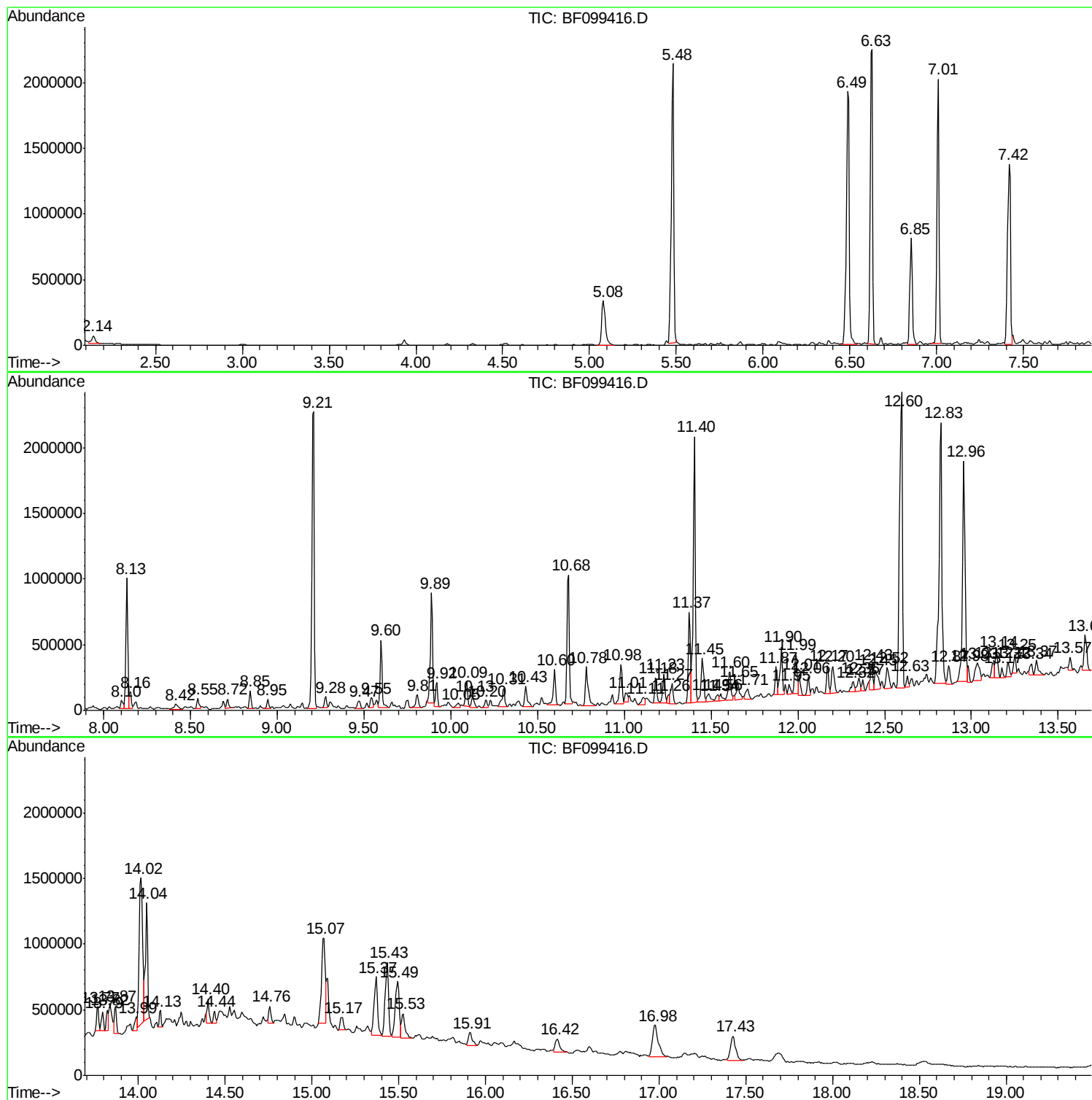
Sum of corrected areas: 41628514

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
7W-(1-2)

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



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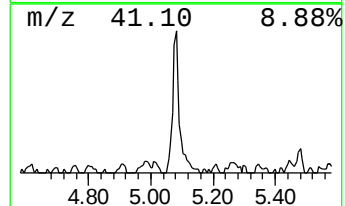
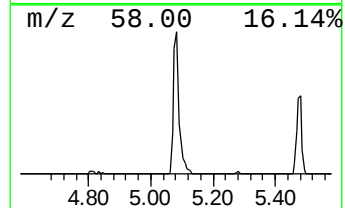
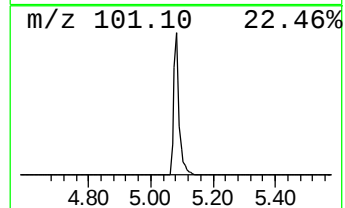
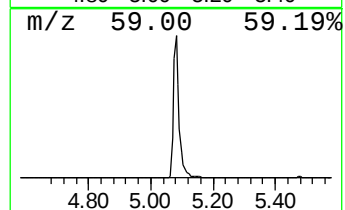
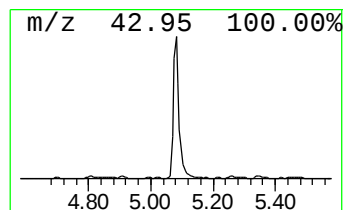
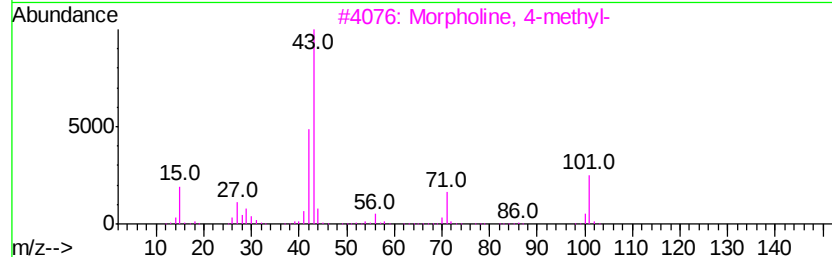
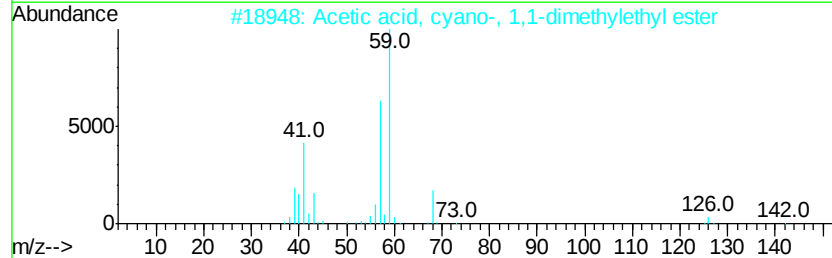
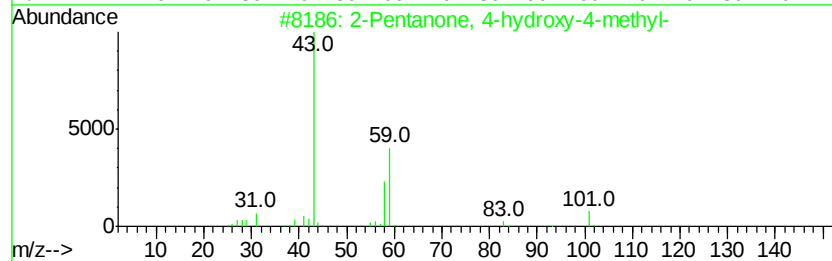
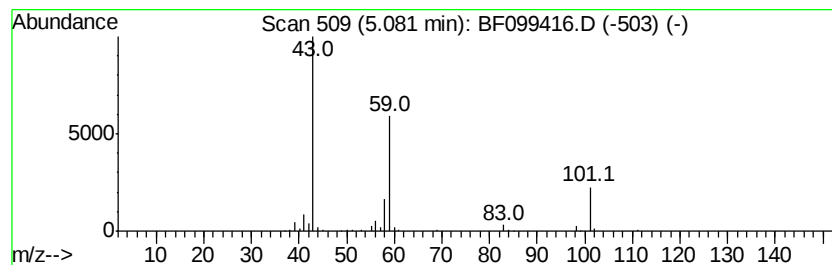
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	13.56 ng	458924	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		5-Hexen-2-one	98	C6H10O	000109-49-9	9
5		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



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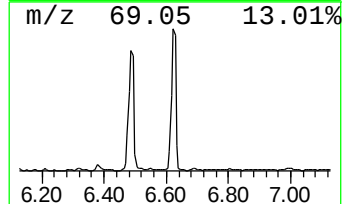
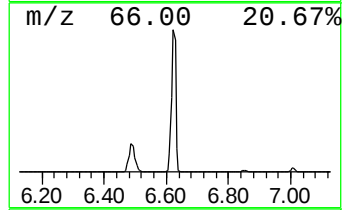
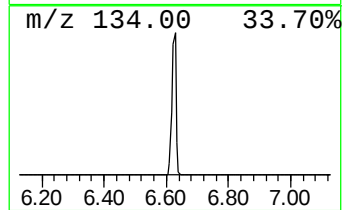
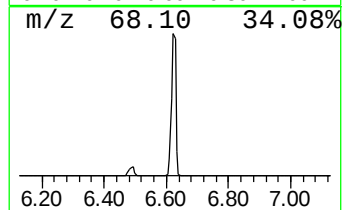
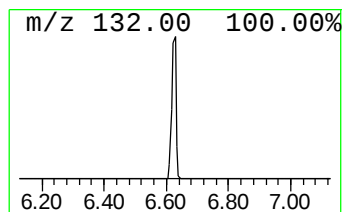
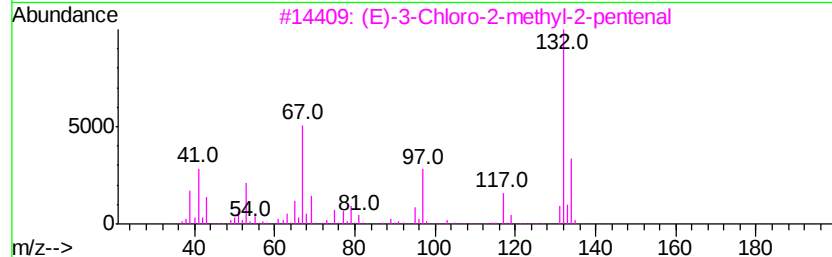
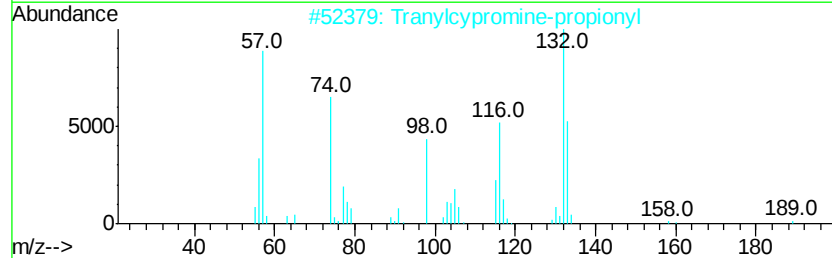
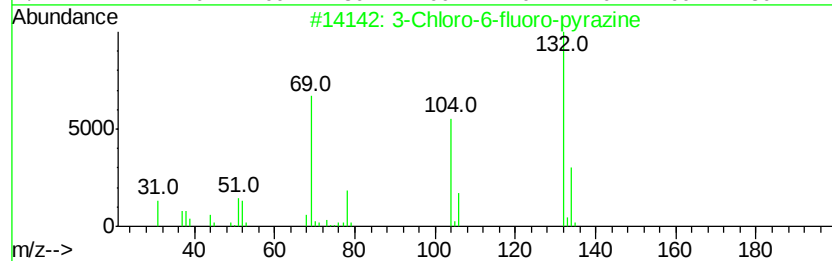
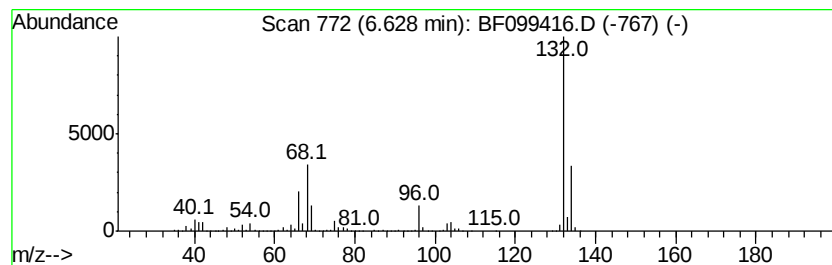
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	66.60 ng	2254280	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	38
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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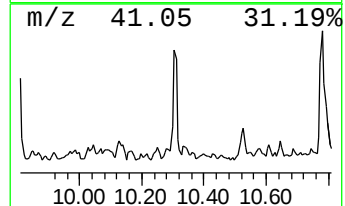
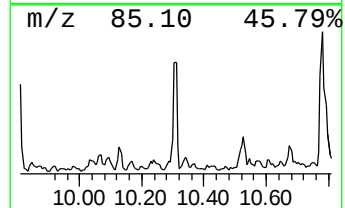
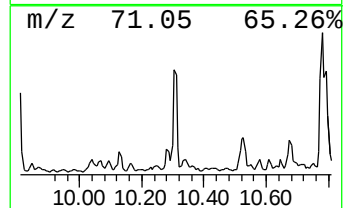
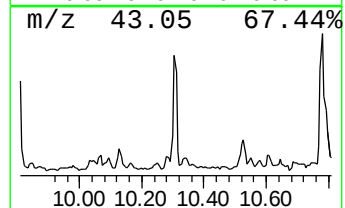
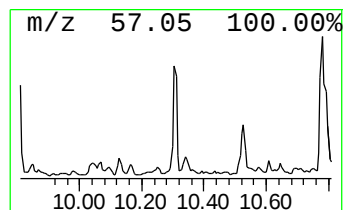
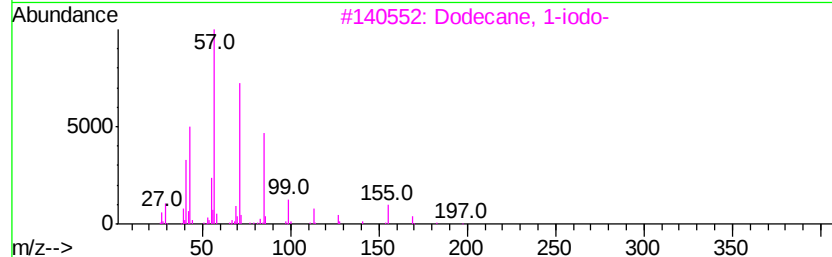
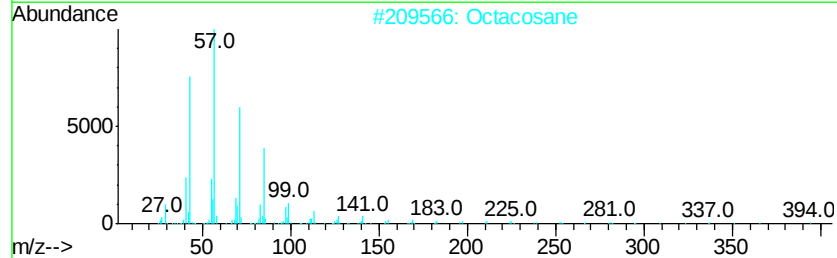
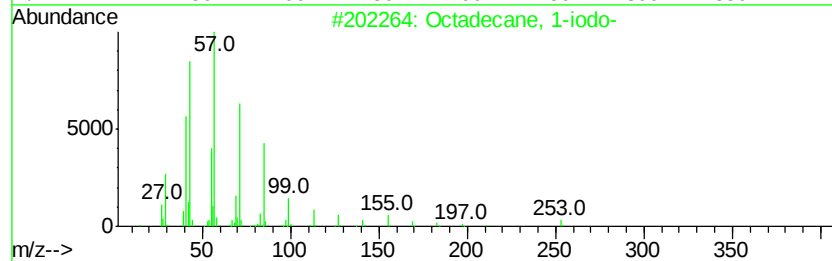
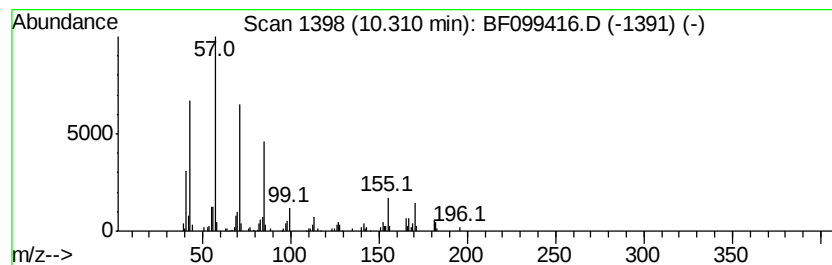
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Octadecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.31	5.08 ng	180213	Acenaphthene-d10		9.89	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
2		Octacosane	394	C28H58	000630-02-4	72
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
4		Octadecane	254	C18H38	000593-45-3	68
5		Heptadecane	240	C17H36	000629-78-7	68



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Data File : BF099416.D
Acq On : 13 Oct 2017 1:10
Operator : SJ/JU
Sample : I5729-14
Misc :
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ClientSampleId :
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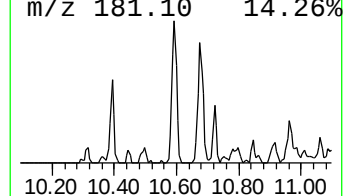
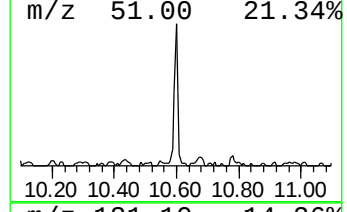
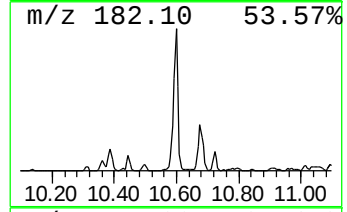
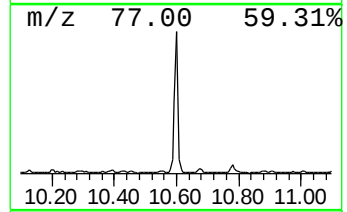
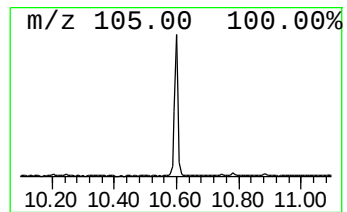
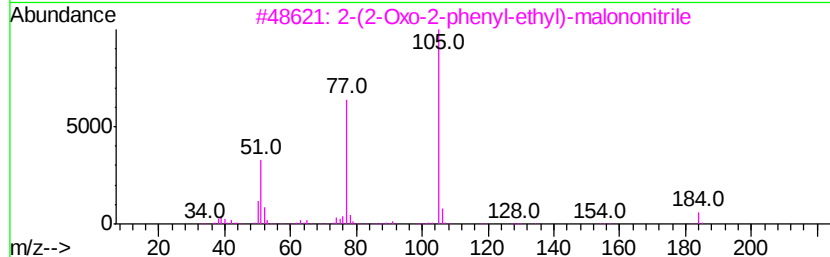
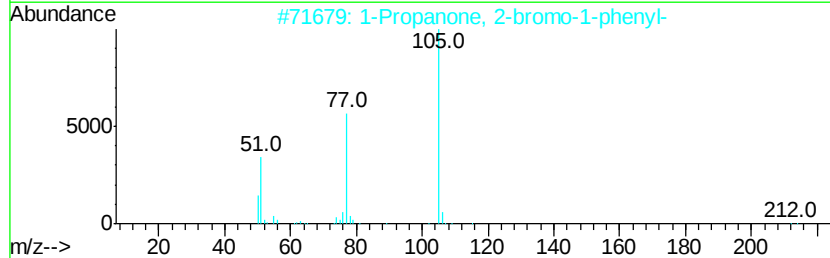
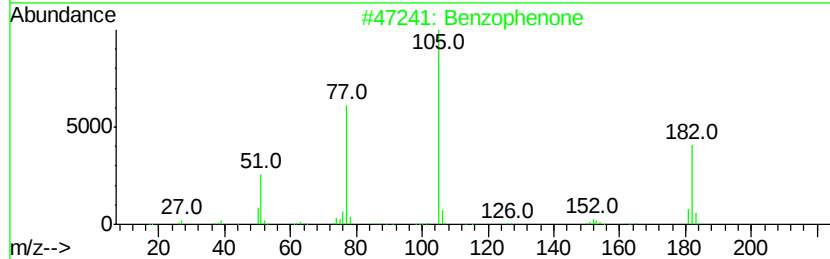
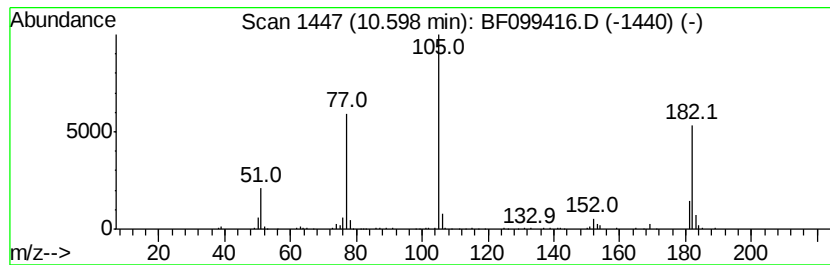
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	7.45 ng	264403	Acenaphthene-d10	9.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzophenone	182	C13H10O	000119-61-9	96
2		1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
3		2-(2-Oxo-2-phenyl-ethyl)-malonon...	184	C11H8N2O	1000296-76-9	47
4		Benzoyl bromide	184	C7H5BrO	000618-32-6	47
5		Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	46



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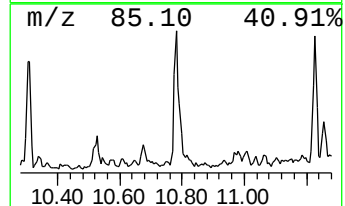
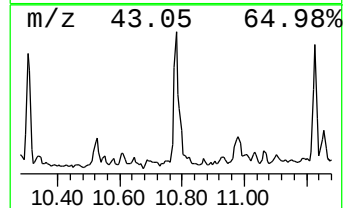
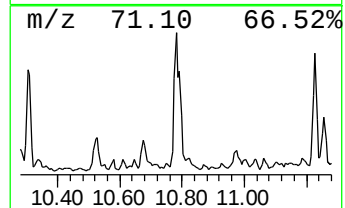
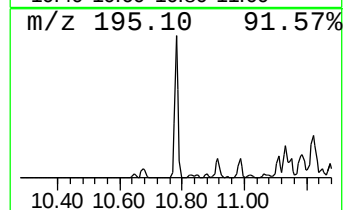
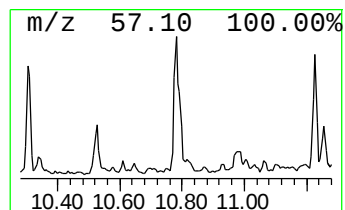
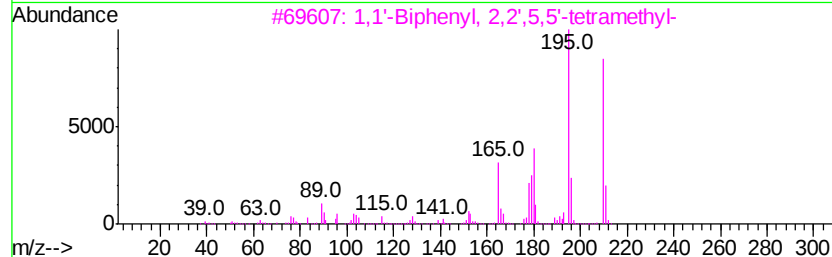
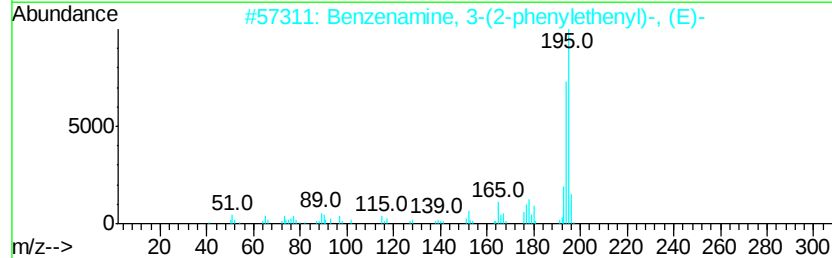
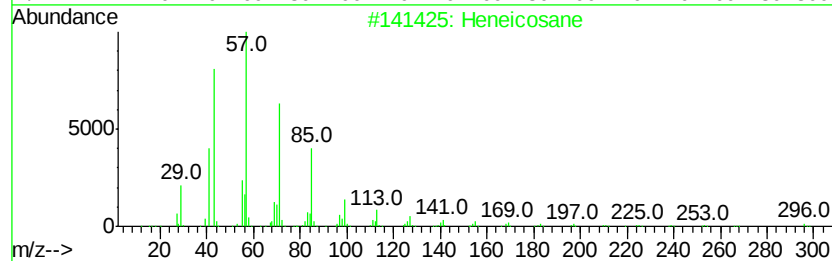
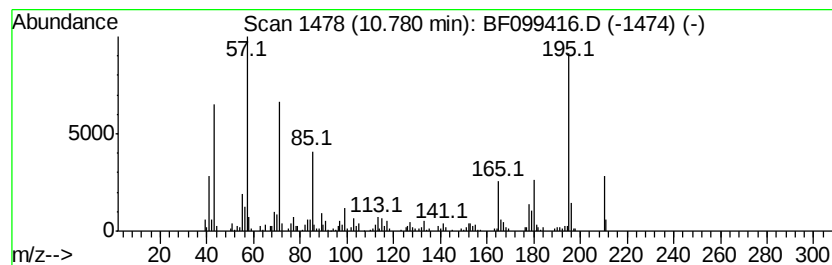
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown10.78 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.78	11.43 ng	370342	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	38
2	Benzenamine, 3-(2-phenylethenyl)...	195	C14H13N	014064-82-5	38
3	1,1'-Biphenyl, 2,2',5,5'-tetrame...	210	C16H18	003075-84-1	38
4	2,4-Dimethoxyphenyl isothiocyanate	195	C9H9NO2S	033904-03-9	30
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	30



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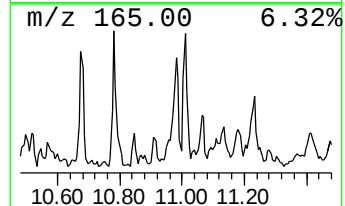
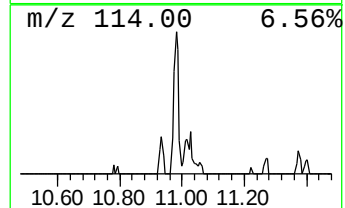
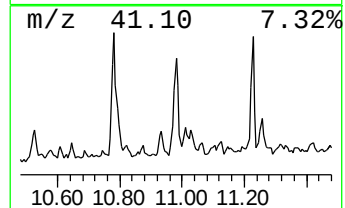
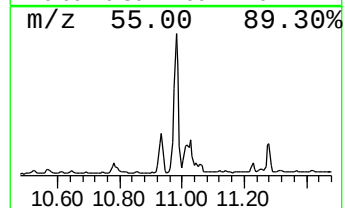
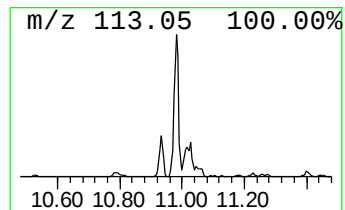
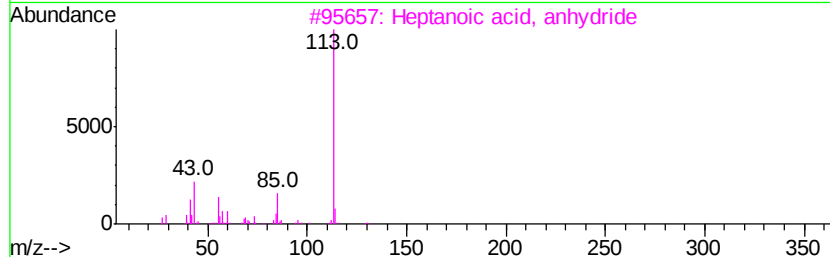
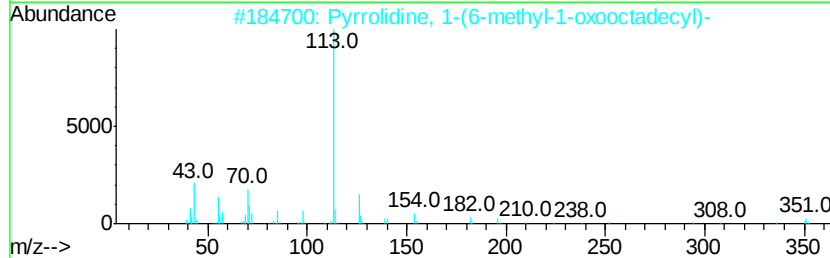
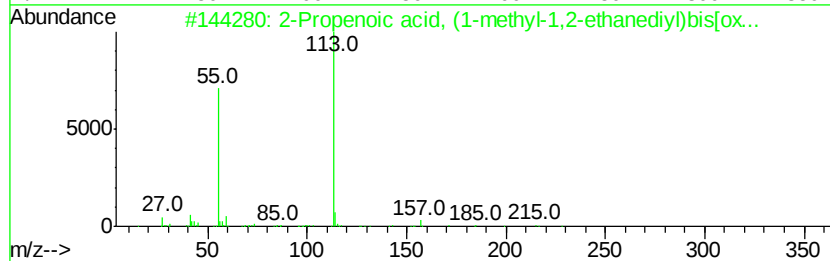
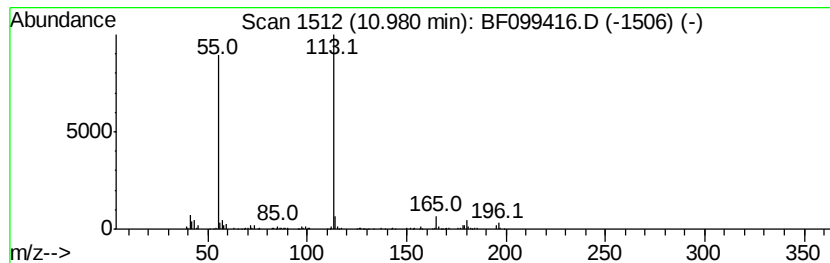
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Propenoic acid, (1-methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.98	10.40 ng	336730	Phenanthrene-d10	11.37		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, (1-methyl-1,2-...	300	C15H24O6	042978-66-5	50	
2	Pyrrolidine, 1-(6-methyl-1-oxooc...	351	C23H45NO	056600-07-8	33	
3	Heptanoic acid, anhydride	242	C14H26O3	000626-27-7	33	
4	Hexyl ethylphosphonofluoridate	196	C8H18FO2P	135445-19-1	33	
5	2-Propyn-1-ol, dimethylcyclohexy...	196	C11H20OSi	1000325-61-6	12	



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
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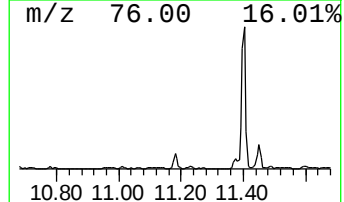
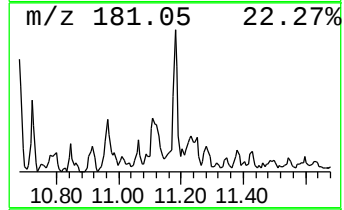
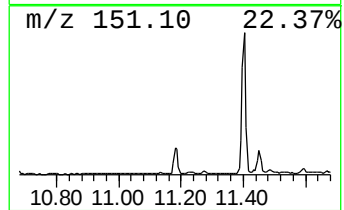
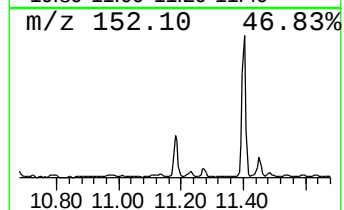
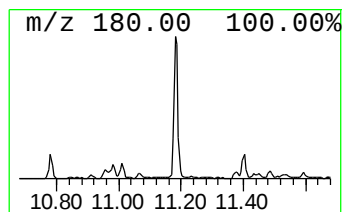
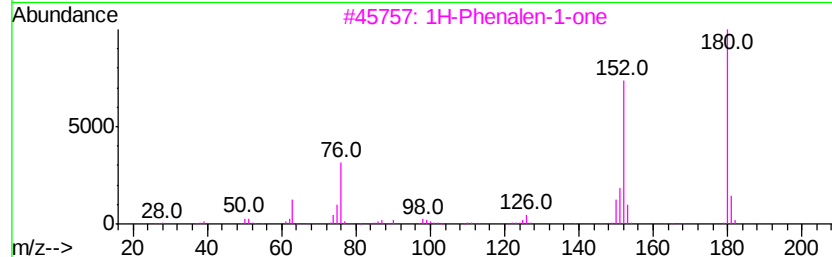
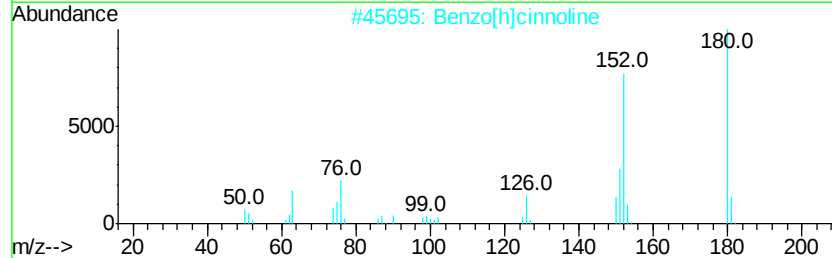
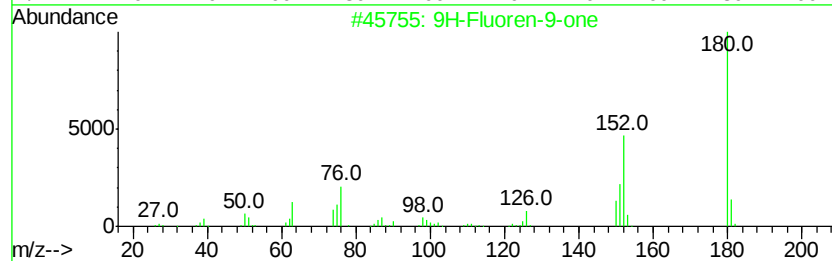
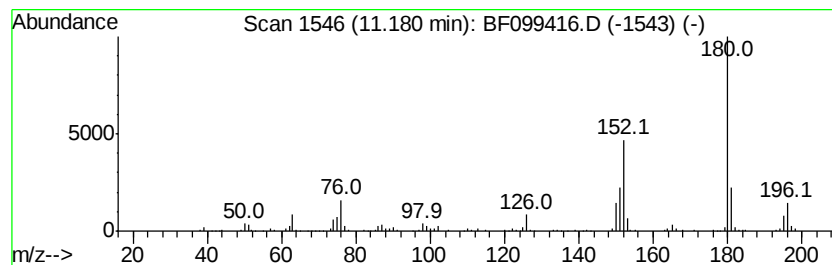
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.80 ng	187693	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	80
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4		9-Aminofluorene	181	C13H11N	000525-03-1	43
5		2,4-Diazaphenanthrene	180	C12H8N2	000230-28-4	43



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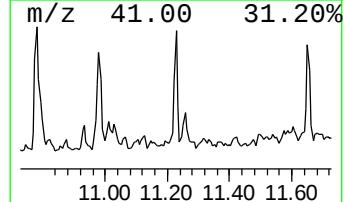
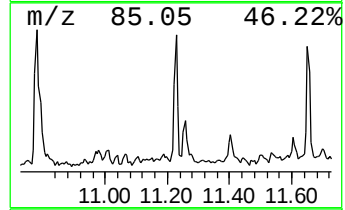
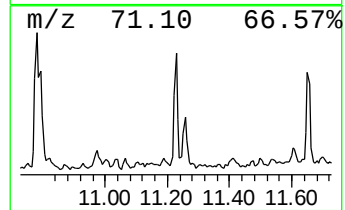
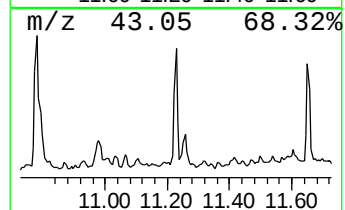
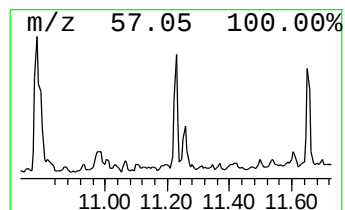
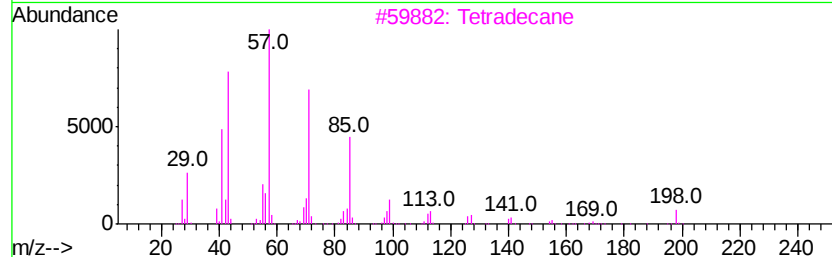
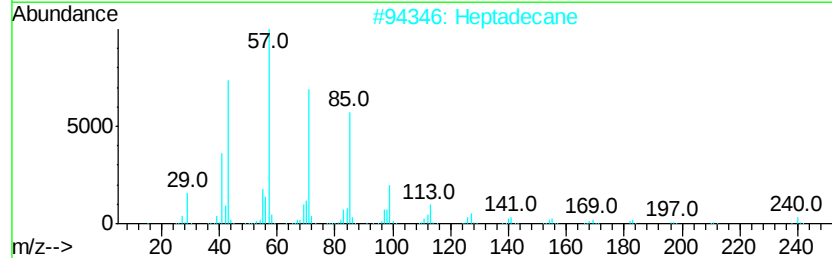
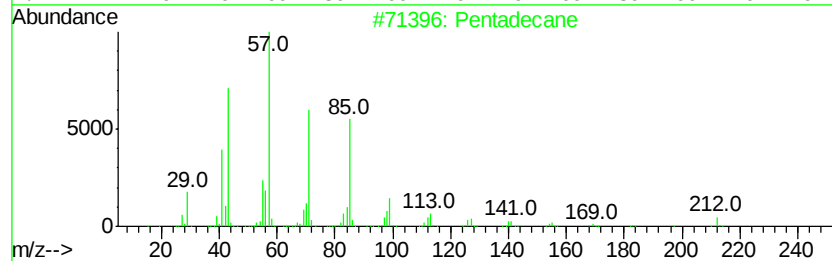
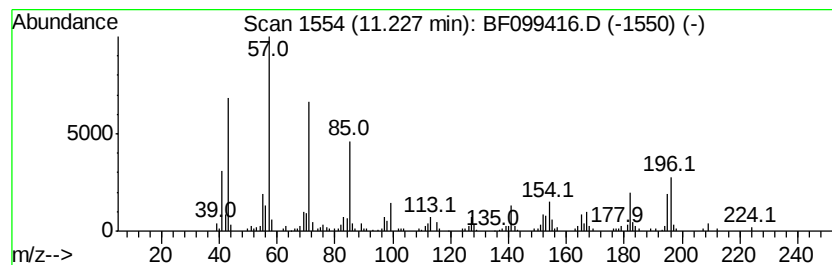
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	7.10 ng	230048	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	55
2	Heptadecane		240	C17H36	000629-78-7	49
3	Tetradecane		198	C14H30	000629-59-4	49
4	Heneicosane		296	C21H44	000629-94-7	49
5	Tetracosane		338	C24H50	000646-31-1	49



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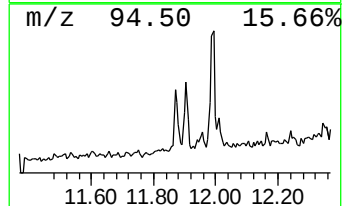
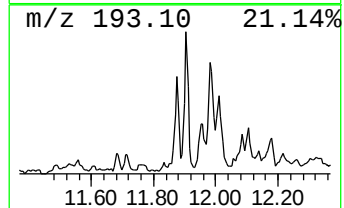
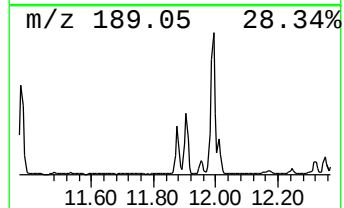
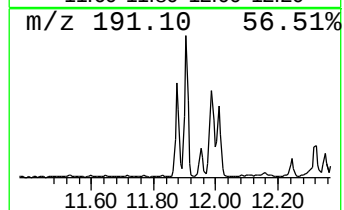
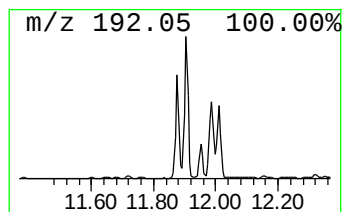
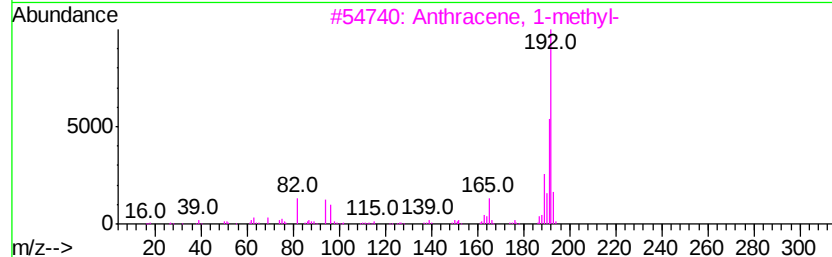
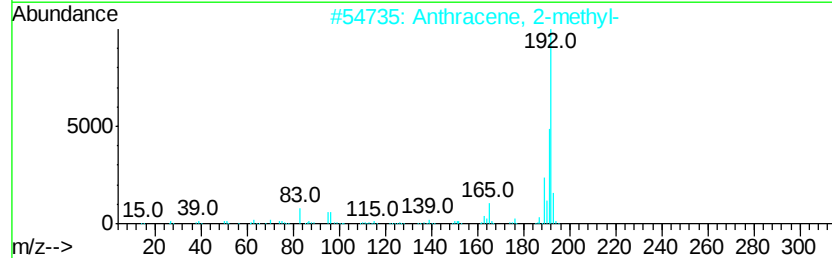
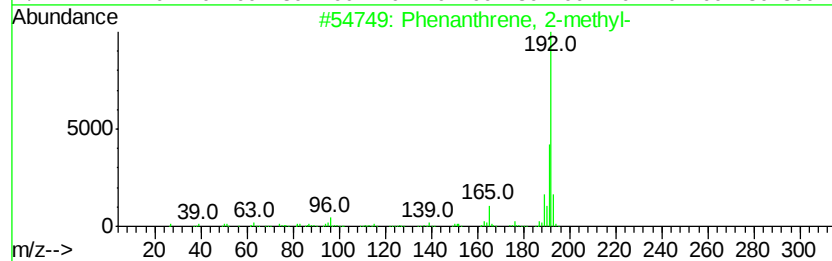
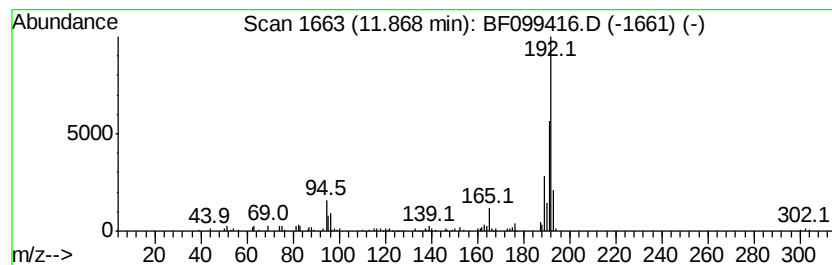
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	5.64 ng	182675	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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ALS Vial : 21 Sample Multiplier: 1

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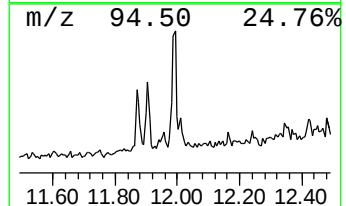
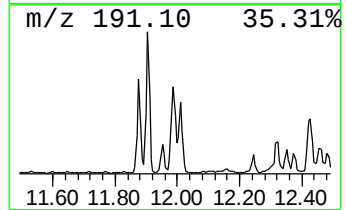
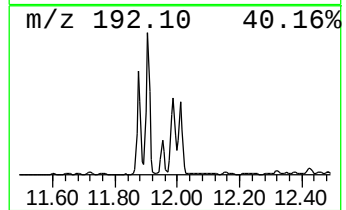
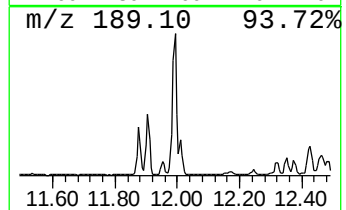
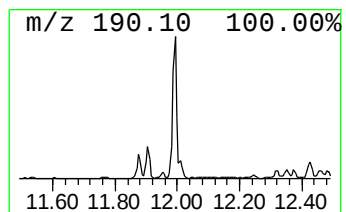
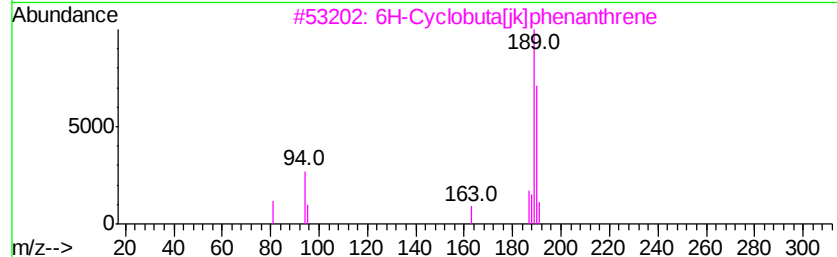
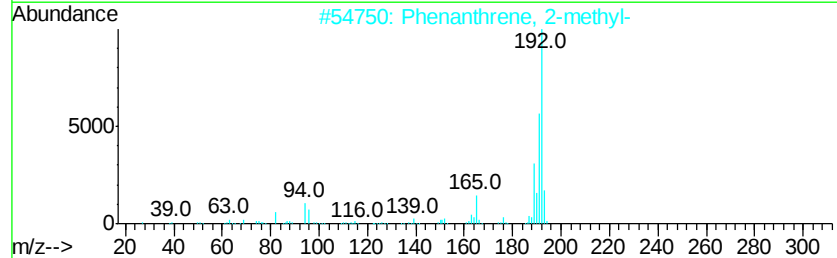
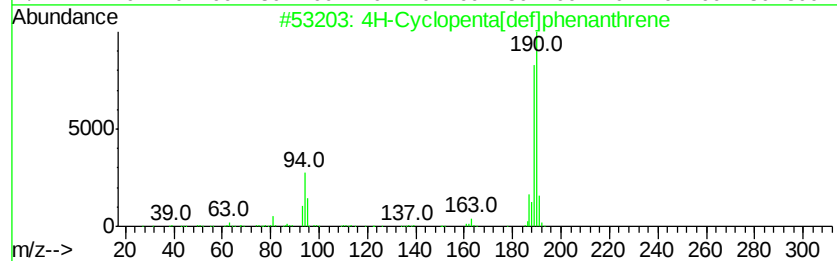
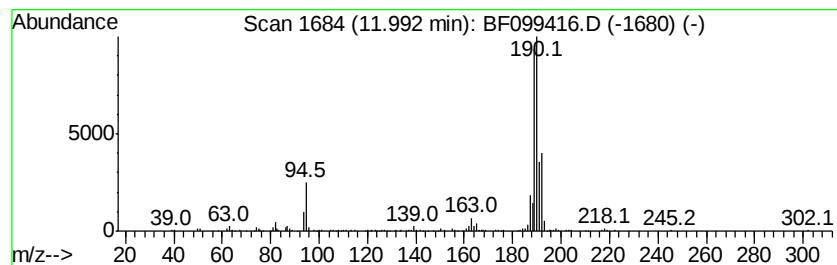
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	11.05 ng	357736	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3			6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	49
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	46



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Acq On : 13 Oct 2017 1:10
Operator : SJ/JU
Sample : I5729-14
Misc :
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ClientSampleId :
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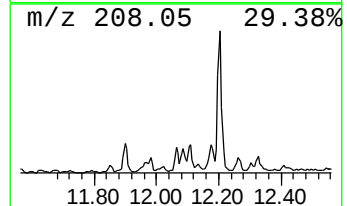
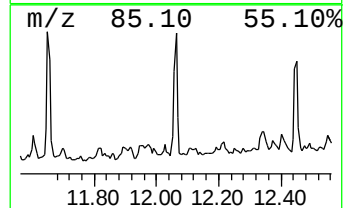
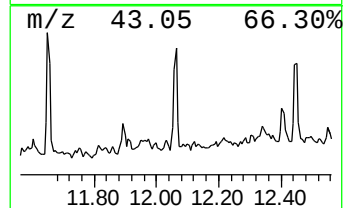
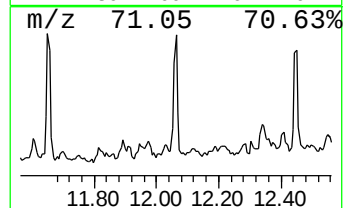
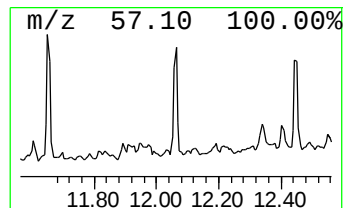
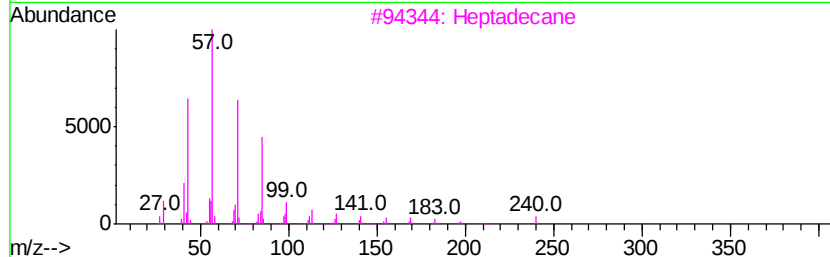
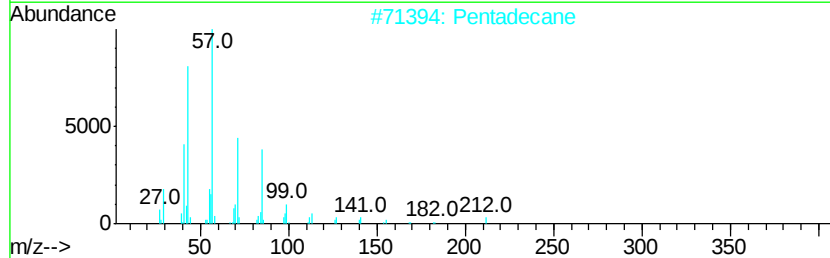
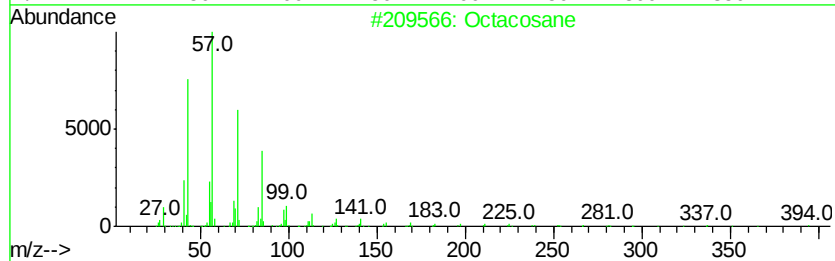
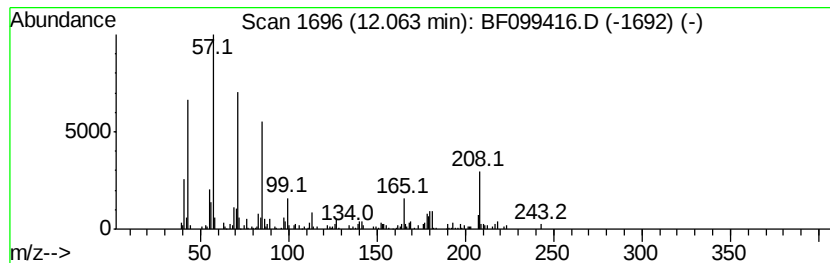
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.14 ng	134183	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	58
2			Pentadecane	212	C15H32	000629-62-9	58
3			Heptadecane	240	C17H36	000629-78-7	52
4			Octadecane	254	C18H38	000593-45-3	52
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52



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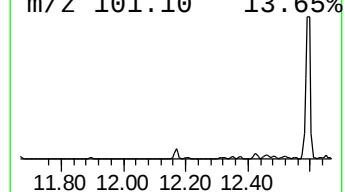
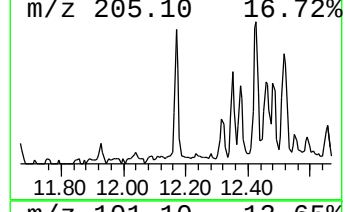
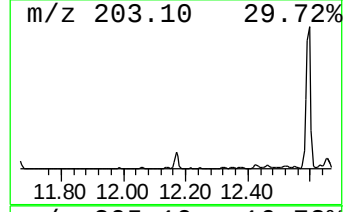
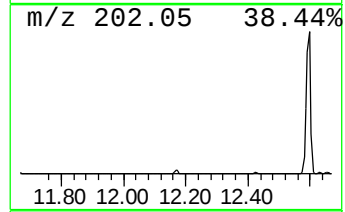
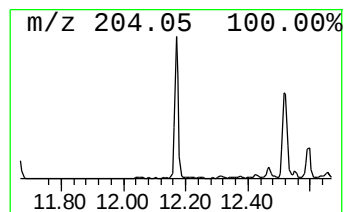
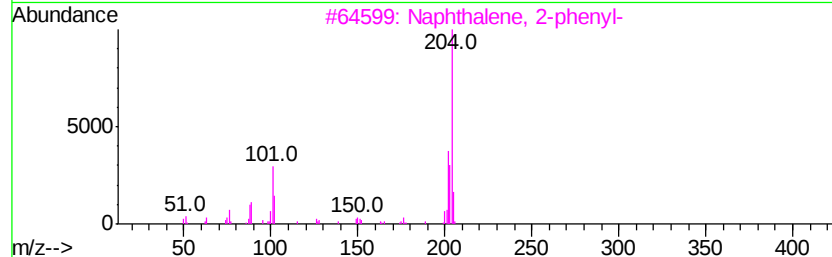
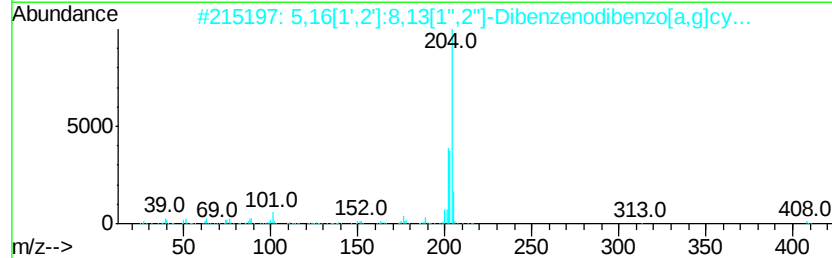
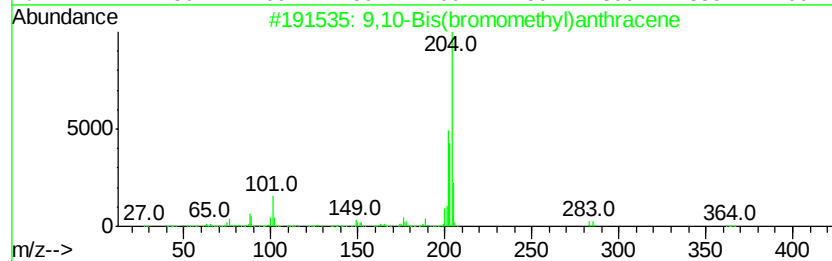
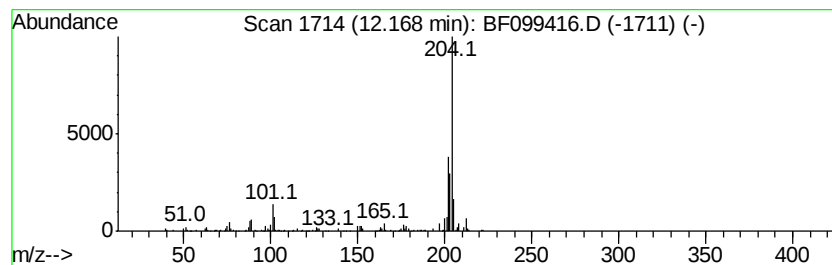
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 9,10-Bis(bromomethyl)anthra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.99 ng	193979	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	86
2			5,16[1',2'] : 8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60



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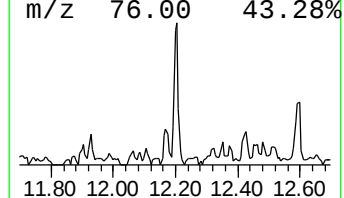
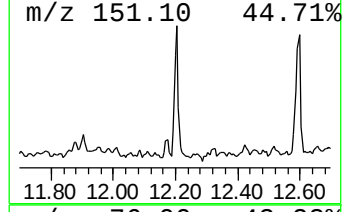
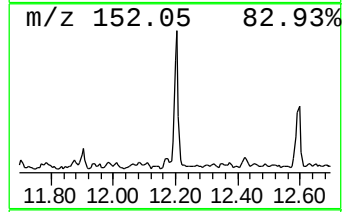
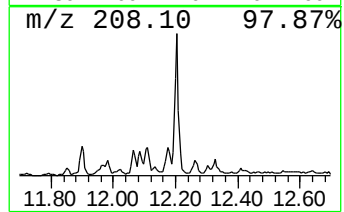
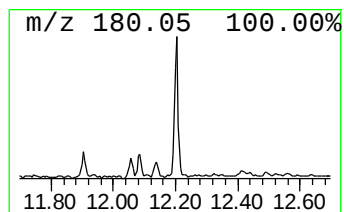
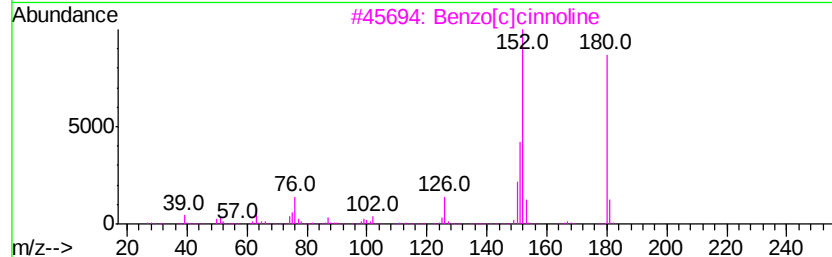
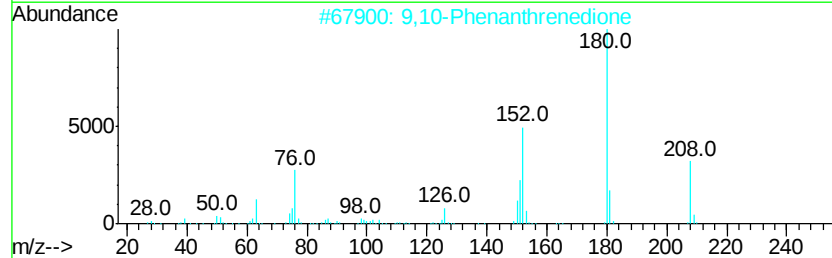
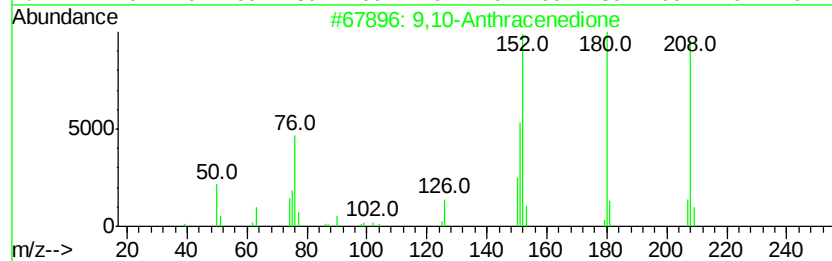
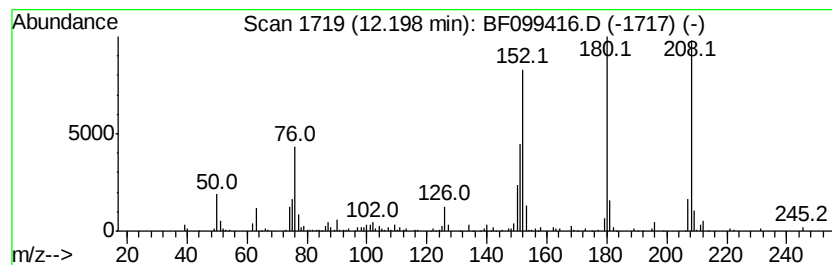
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	6.18 ng	200040	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	52
4		5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	46



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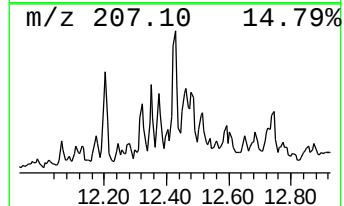
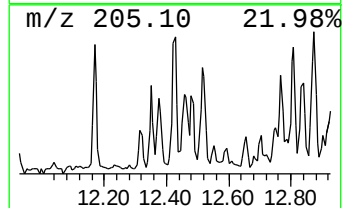
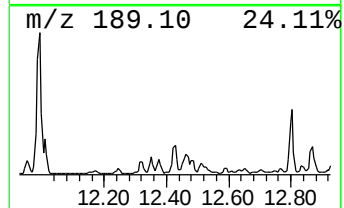
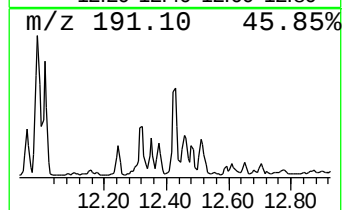
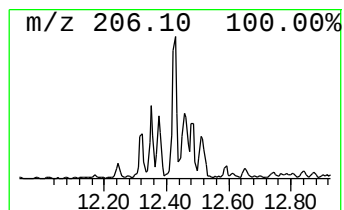
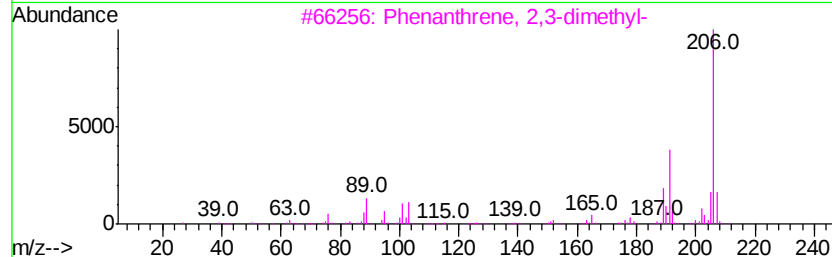
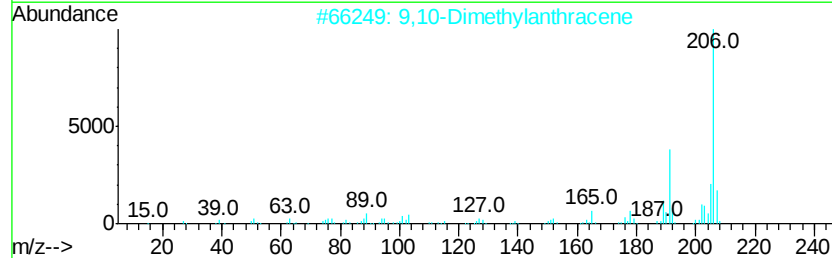
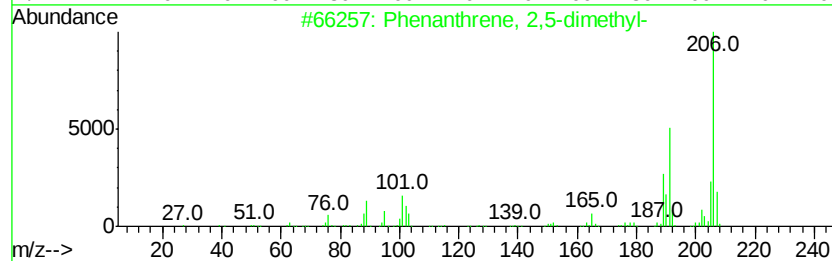
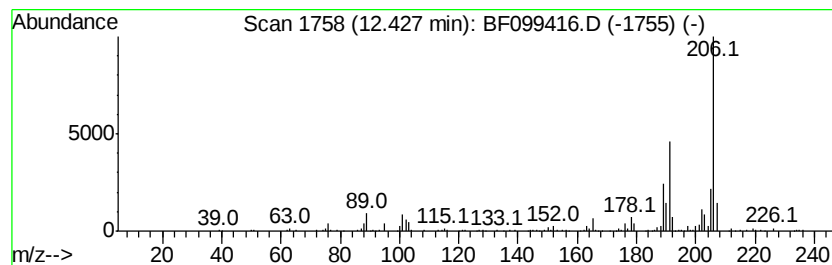
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.43 ng	208115	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	83



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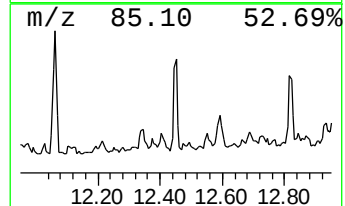
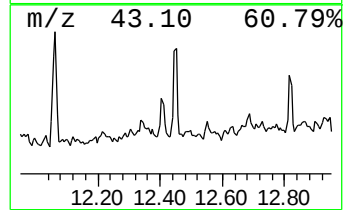
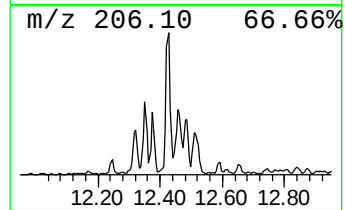
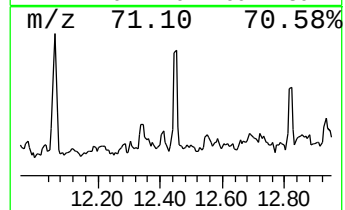
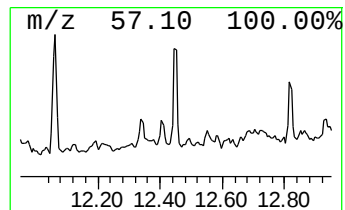
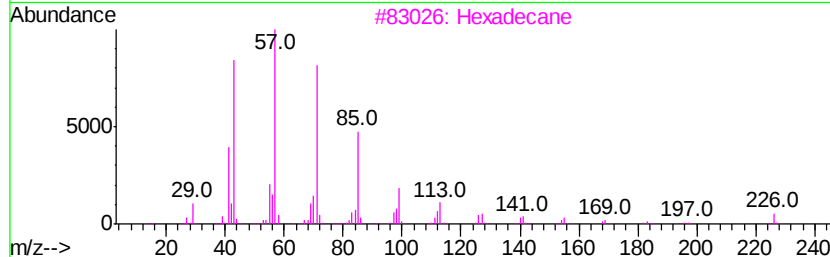
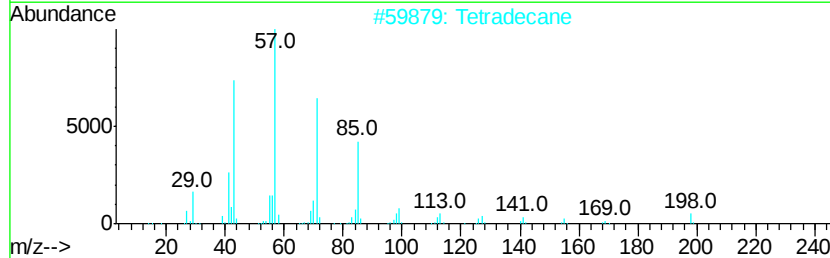
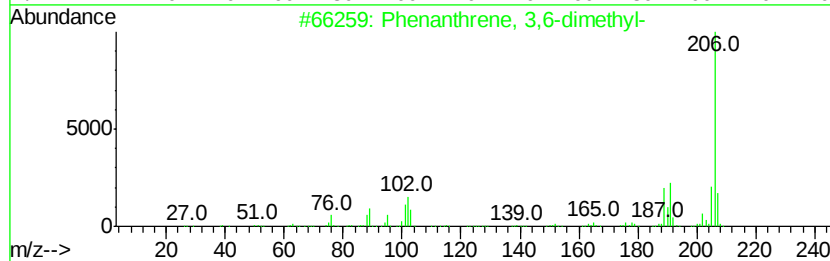
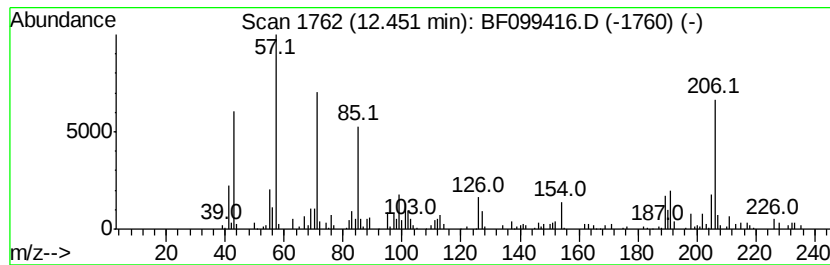
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.72 ng	185345	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
2			Tetradecane	198	C14H30	000629-59-4	70
3			Hexadecane	226	C16H34	000544-76-3	64
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	64
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	64



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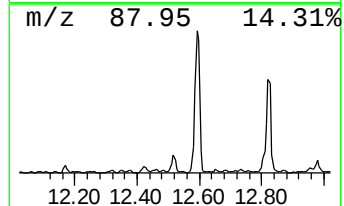
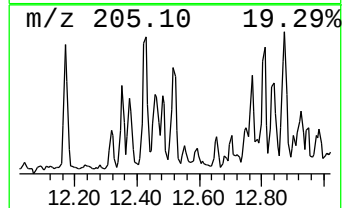
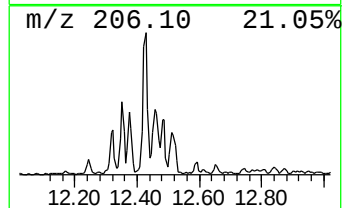
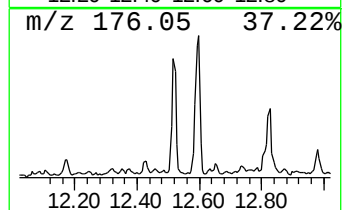
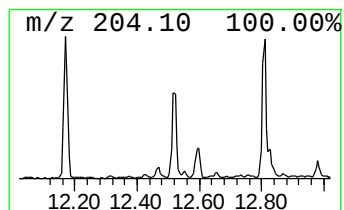
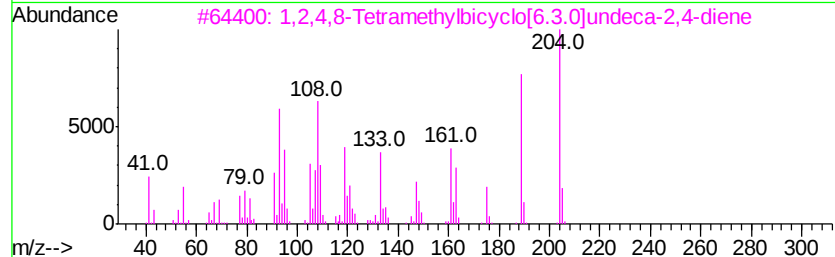
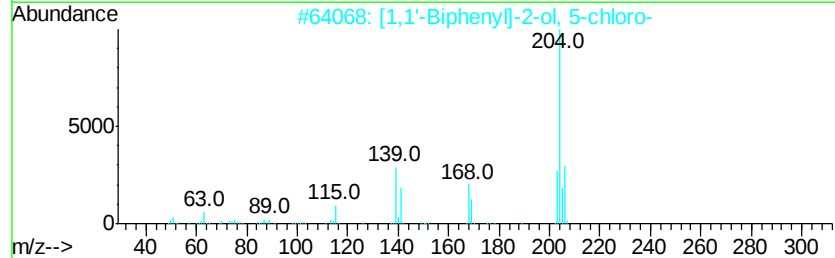
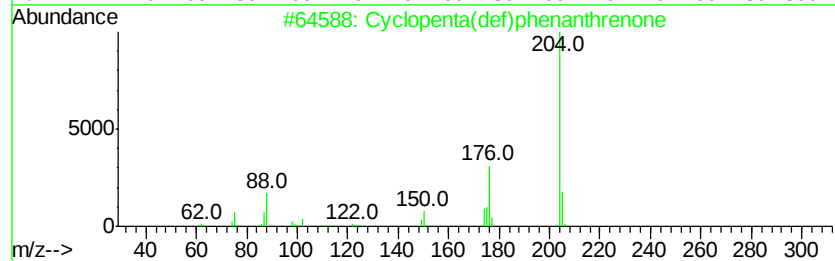
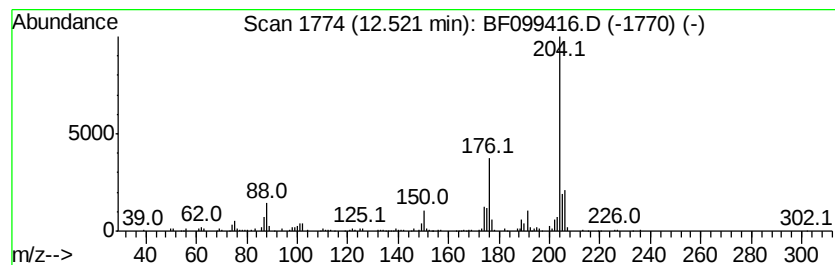
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	5.26 ng	170286	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
3			1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	41
4			[1,1'-Biphenyl]-4-ol, 2-chloro-	204	C12H9ClO	023719-22-4	38
5			Cyano-(1,7,7-trimethyl-bicyclo[2.2.1]hept-5-en-2-ylidene)-	247	C15H21NO2	1000303-25-1	38



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ALS Vial : 21 Sample Multiplier: 1

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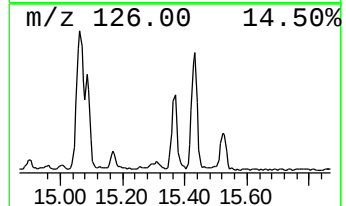
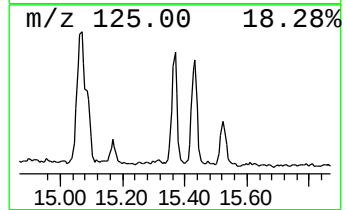
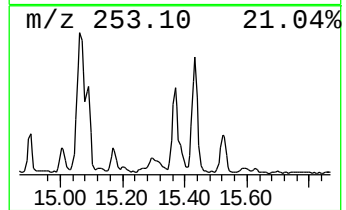
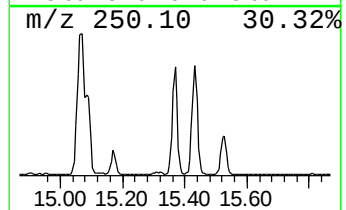
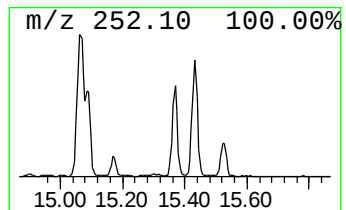
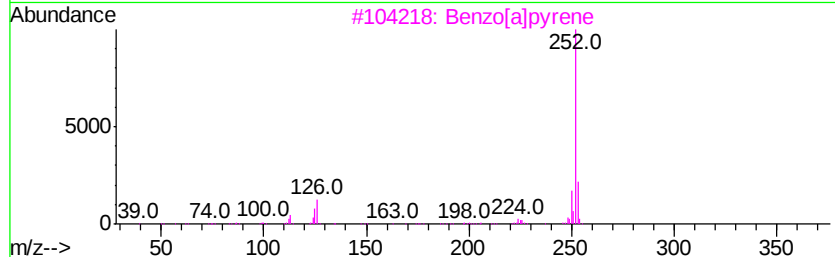
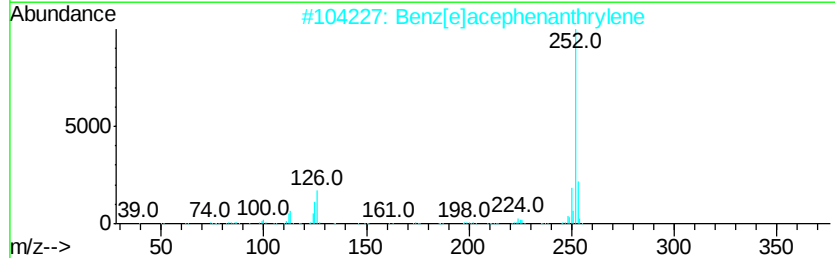
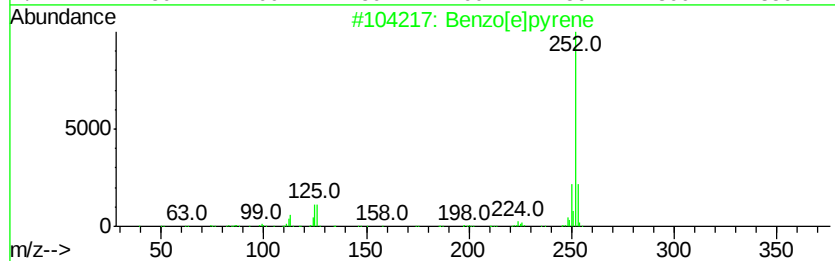
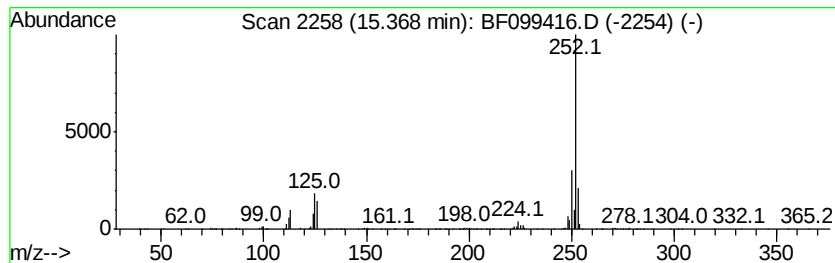
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	18.47 ng	565387	Perylene-d12	15.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099416.D
Acq On : 13 Oct 2017 1:10
Operator : SJ/JU
Sample : I5729-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
7W-(1-2)

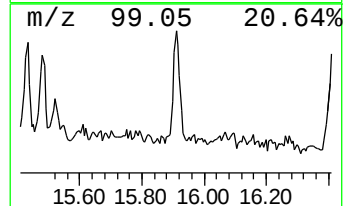
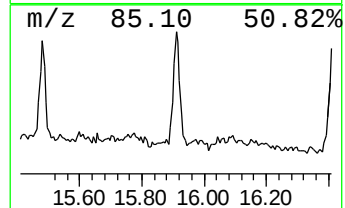
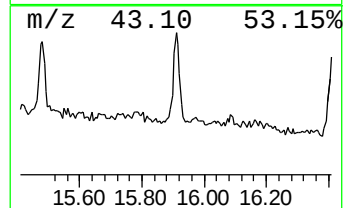
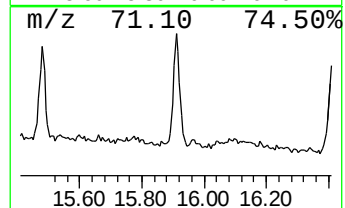
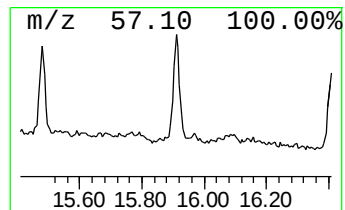
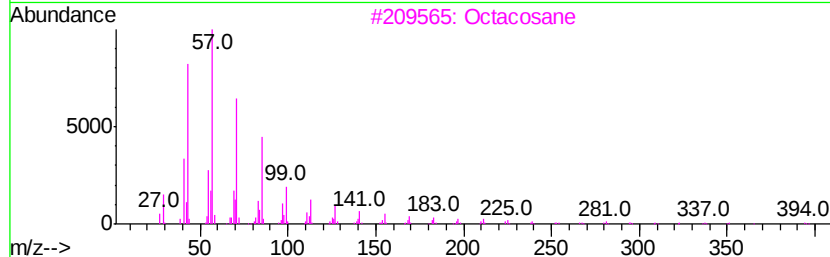
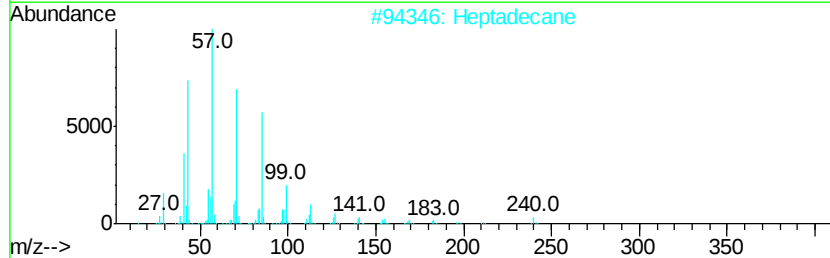
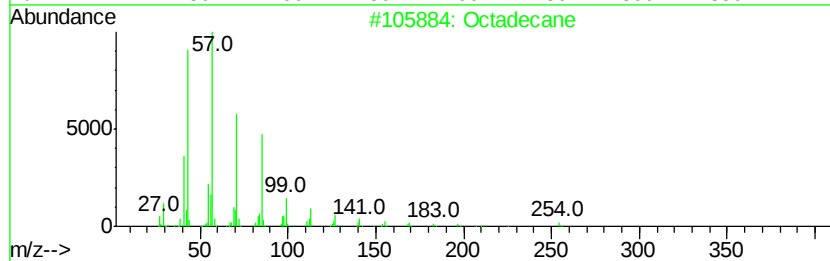
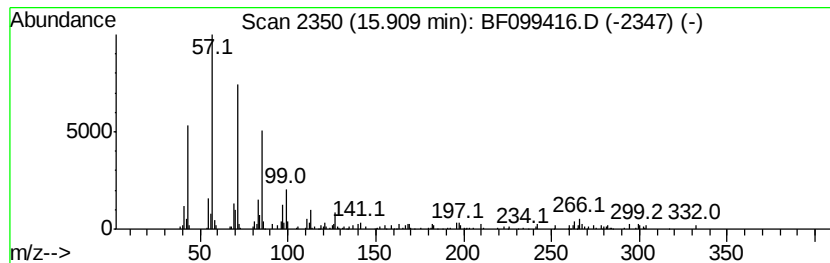
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	5.11 ng	156552	Perylene-d12	15.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	86
2			Heptadecane	240	C17H36	000629-78-7	86
3			Octacosane	394	C28H58	000630-02-4	86
4			Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86
5			Tetradecane	198	C14H30	000629-59-4	81



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF101217\
Data File : BF099416.D
Acq On : 13 Oct 2017 1:10
Operator : SJ/JU
Sample : I5729-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
7W-(1-2)

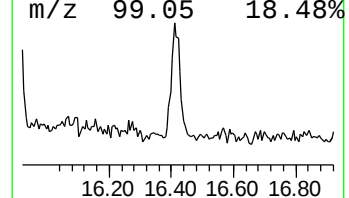
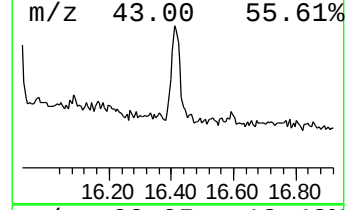
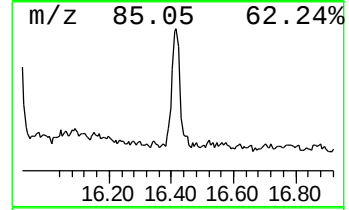
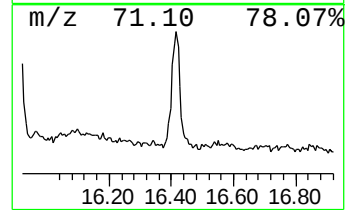
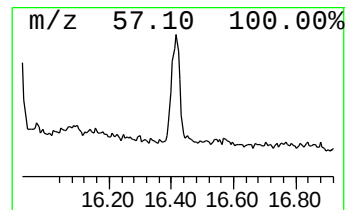
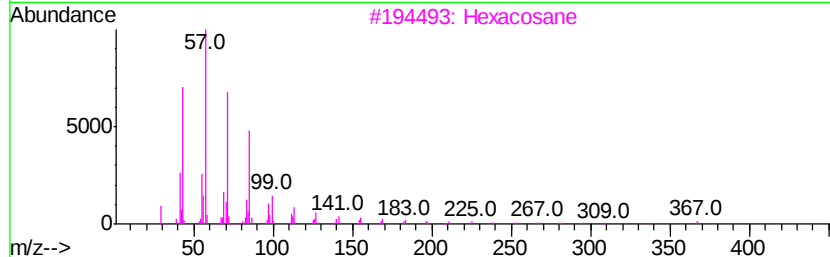
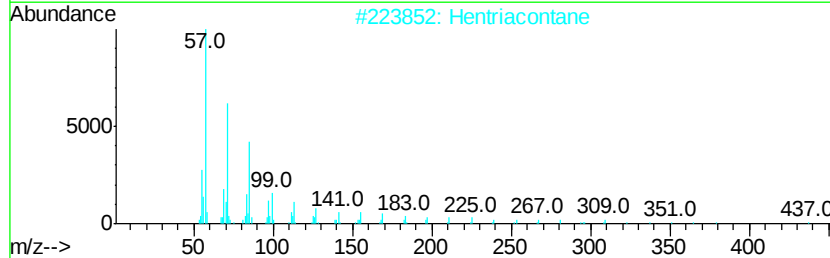
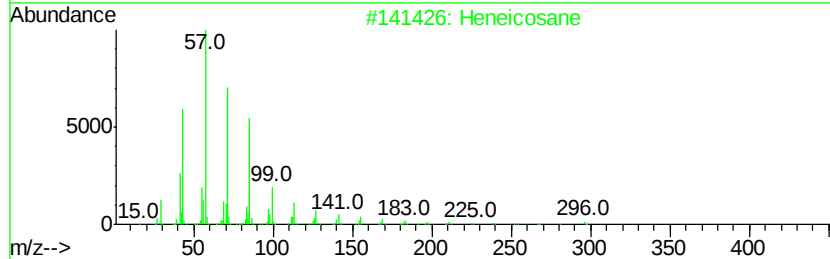
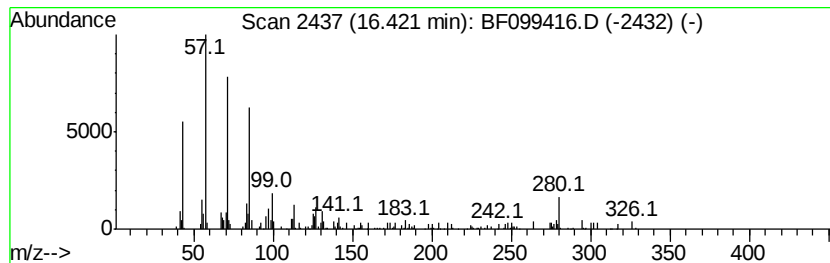
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	6.68 ng	204527	Perylene-d12	15.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	87
2	Hentriacontane		437	C31H64	000630-04-6	83
3	Hexacosane		366	C26H54	000630-01-3	80
4	Heptadecane, 9-octyl-		352	C25H52	007225-64-1	80
5	2-methyloctacosane		408	C29H60	1000376-72-8	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101217\
 Data File : BF099416.D
 Acq On : 13 Oct 2017 1:10
 Operator : SJ/JU
 Sample : I5729-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7W-(1-2)

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
2-Pentanone, 4-hy...	5.08	13.6	ng	458924	1	6.85	676992	20.0
unknown6.63	6.63	66.6	ng	2254280	1	6.85	676992	20.0
Octadecane, 1-iodo-	10.31	5.1	ng	180213	3	9.89	709790	20.0
Benzophenone	10.60	7.5	ng	264403	3	9.89	709790	20.0
unknown10.78	10.78	11.4	ng	370342	4	11.37	647739	20.0
2-Propenoic acid, ...	10.98	10.4	ng	336730	4	11.37	647739	20.0
9H-Fluoren-9-one	11.18	5.8	ng	187693	4	11.37	647739	20.0
Pentadecane	11.23	7.1	ng	230048	4	11.37	647739	20.0
Phenanthrene, 2-m...	11.87	5.6	ng	182675	4	11.37	647739	20.0
4H-Cyclopenta[def...	11.99	11.1	ng	357736	4	11.37	647739	20.0
Octacosane	12.06	4.1	ng	134183	4	11.37	647739	20.0
9,10-Bis(bromomet...	12.17	6.0	ng	193979	4	11.37	647739	20.0
9,10-Anthracenedione	12.20	6.2	ng	200040	4	11.37	647739	20.0
Phenanthrene, 2,5...	12.43	6.4	ng	208115	4	11.37	647739	20.0
Phenanthrene, 3,6...	12.45	5.7	ng	185345	4	11.37	647739	20.0
Cyclopenta(def)ph...	12.52	5.3	ng	170286	4	11.37	647739	20.0
Benzo[e]pyrene	15.37	18.5	ng	565387	6	15.49	612311	20.0
Octadecane	15.91	5.1	ng	156552	6	15.49	612311	20.0
Heneicosane	16.42	6.7	ng	204527	6	15.49	612311	20.0