

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051619\
 Data File : BF114321.D
 Acq On : 16 May 2019 20:39
 Operator : JU/SJ
 Sample : K2866-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-3

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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	2.128	3	7	22	rVB	1375692	1899633	30.13%	1.681%
2	5.487	574	578	601	rBV	5675924	6024617	95.57%	5.332%
3	6.498	745	750	753	rBV	5422454	6304170	100.00%	5.579%
4	6.628	767	772	775	rBV	6409443	5997606	95.14%	5.308%
5	6.851	806	810	818	rBV	1570632	1417140	22.48%	1.254%
6	7.004	832	836	840	rBV	4680800	4662954	73.97%	4.127%
7	7.410	900	905	917	rBV	3725647	4066529	64.51%	3.599%
8	8.128	1023	1027	1046	rBV	1835854	2035383	32.29%	1.801%
9	8.845	1146	1149	1153	rBV	262656	232284	3.68%	0.206%
10	8.945	1161	1166	1173	rVB	218387	238274	3.78%	0.211%
11	9.204	1205	1210	1213	rBV	6482660	6148562	97.53%	5.442%
12	9.280	1220	1223	1225	rBV2	84744	82230	1.30%	0.073%
13	9.304	1225	1227	1232	rVB	87036	80714	1.28%	0.071%
14	9.398	1240	1243	1250	rVB	223093	262532	4.16%	0.232%
15	9.475	1251	1256	1260	rBV	217997	316968	5.03%	0.281%
16	9.545	1264	1268	1270	rBV	376660	391162	6.20%	0.346%
17	9.569	1270	1272	1274	rVV	234405	197623	3.13%	0.175%
18	9.592	1274	1276	1280	rVV	863983	826341	13.11%	0.731%
19	9.663	1284	1288	1293	rVV	188422	256344	4.07%	0.227%
20	9.745	1300	1302	1305	rBV2	213488	198997	3.16%	0.176%
21	9.792	1308	1310	1313	rVB	164569	126831	2.01%	0.112%
22	9.886	1319	1326	1328	rBV	1970766	2084925	33.07%	1.845%
23	9.916	1328	1331	1335	rVB	1467489	1189329	18.87%	1.053%
24	9.986	1340	1343	1348	rVV	227586	316099	5.01%	0.280%
25	10.039	1348	1352	1355	rVV2	244127	272358	4.32%	0.241%
26	10.086	1356	1360	1364	rVV2	421493	505331	8.02%	0.447%
27	10.127	1365	1367	1371	rVB2	147075	150997	2.40%	0.134%
28	10.204	1376	1380	1381	rBV	159498	166319	2.64%	0.147%
29	10.227	1382	1384	1386	rVB2	113708	99728	1.58%	0.088%
30	10.292	1391	1395	1397	rBV2	329085	361285	5.73%	0.320%
31	10.345	1401	1404	1405	rBV2	117198	115282	1.83%	0.102%
32	10.433	1415	1419	1424	rBV	857039	935391	14.84%	0.828%
33	10.480	1424	1427	1428	rBV2	199951	160490	2.55%	0.142%
34	10.498	1428	1430	1432	rVV	235533	197607	3.13%	0.175%

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35	10.516	1432	1433	1436	rVB	201860	163211	2.59%	0.144%
36	10.674	1456	1460	1467	rBV	3295927	3600350	57.11%	3.186%
37	10.798	1479	1481	1484	rVB2	191503	149300	2.37%	0.132%
38	11.010	1515	1517	1520	rVB2	200745	155547	2.47%	0.138%
39	11.180	1543	1546	1549	rBV	696140	577428	9.16%	0.511%
40	11.269	1558	1561	1566	rVB	800065	739730	11.73%	0.655%
41	11.374	1575	1579	1581	rBV	1783458	1961107	31.11%	1.736%
42	11.404	1581	1584	1587	rVV	6176642	6115551	97.01%	5.413%
43	11.451	1587	1592	1595	rVV	1616740	1371918	21.76%	1.214%
44	11.604	1616	1618	1622	rBV	355221	326889	5.19%	0.289%
45	11.663	1626	1628	1632	rVB2	371128	331522	5.26%	0.293%
46	11.704	1633	1635	1641	rBV2	440046	444019	7.04%	0.393%
47	11.874	1661	1664	1666	rBV	1398624	1230207	19.51%	1.089%
48	11.904	1666	1669	1674	rVB	1896792	1892270	30.02%	1.675%
49	11.951	1675	1677	1680	rVV	440022	515313	8.17%	0.456%
50	11.986	1680	1683	1686	rVV2	1624064	1932986	30.66%	1.711%
51	12.010	1686	1687	1690	rVB	1099070	679074	10.77%	0.601%
52	12.168	1711	1714	1717	rBV	972180	856505	13.59%	0.758%
53	12.198	1717	1719	1725	rVB2	1056436	1020479	16.19%	0.903%
54	12.427	1755	1758	1761	rBV	596070	611559	9.70%	0.541%
55	12.515	1770	1773	1777	rVB2	604298	664729	10.54%	0.588%
56	12.592	1782	1786	1789	rVB	4220609	4043204	64.14%	3.578%
57	12.827	1819	1826	1830	rBV	4327140	5445114	86.37%	4.819%
58	12.957	1844	1848	1851	rBV	4147822	3751176	59.50%	3.320%
59	12.980	1851	1852	1855	rVB	250786	145060	2.30%	0.128%
60	13.121	1874	1876	1877	rBV2	350126	289089	4.59%	0.256%
61	13.210	1889	1891	1894	rVB	268333	209036	3.32%	0.185%
62	13.251	1895	1898	1900	rBV	698363	582369	9.24%	0.515%
63	13.339	1911	1913	1916	rBV	423457	382106	6.06%	0.338%
64	13.374	1916	1919	1922	rVB	534249	464367	7.37%	0.411%
65	13.521	1942	1944	1947	rVB2	177251	127672	2.03%	0.113%
66	13.657	1964	1967	1971	rVB	658918	612890	9.72%	0.542%
67	13.762	1982	1985	1987	rBV	556764	538723	8.55%	0.477%
68	13.786	1987	1989	1992	rVB	472110	440650	6.99%	0.390%
69	13.815	1992	1994	1997	rBV2	257256	335791	5.33%	0.297%
70	13.862	1997	2002	2009	rVB3	841439	1437225	22.80%	1.272%
71	14.009	2023	2027	2031	rBV2	2404372	3653277	57.95%	3.233%

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72	14.045	2031	2033	2036	rVB	2268075	1719447	27.27%	1.522%
73	14.104	2041	2043	2044	rBV	127995	103700	1.64%	0.092%
74	14.121	2044	2046	2051	rVB2	231991	209252	3.32%	0.185%
75	14.168	2051	2054	2056	rBV	288610	312436	4.96%	0.277%
76	14.368	2085	2088	2090	rBV2	215512	191976	3.05%	0.170%
77	14.409	2092	2095	2097	rVV	594604	556568	8.83%	0.493%
78	14.439	2098	2100	2103	rVB	324654	251159	3.98%	0.222%
79	14.474	2103	2106	2110	rBV3	365718	485726	7.70%	0.430%
80	14.533	2114	2116	2118	rBV	272522	232406	3.69%	0.206%
81	14.780	2156	2158	2162	rBV2	224640	193682	3.07%	0.171%
82	14.904	2176	2179	2183	rBV2	176741	224308	3.56%	0.199%
83	15.068	2203	2207	2214	rBV	1543261	2906890	46.11%	2.573%
84	15.115	2214	2215	2222	rVB2	352061	352686	5.59%	0.312%
85	15.174	2222	2225	2228	rBV	228546	250688	3.98%	0.222%
86	15.374	2254	2259	2265	rVB	957607	1303510	20.68%	1.154%
87	15.439	2265	2270	2274	rBV	1400535	1772768	28.12%	1.569%
88	15.498	2275	2280	2283	rVV	1401034	1792737	28.44%	1.587%
89	15.527	2283	2285	2292	rVB2	367298	527103	8.36%	0.467%
90	15.933	2350	2354	2359	rVB2	260051	391441	6.21%	0.346%
91	16.433	2435	2439	2443	rVB2	167862	240296	3.81%	0.213%
92	16.980	2526	2532	2537	rBV	650839	1260557	20.00%	1.116%
93	17.150	2556	2561	2565	rBV	163814	317367	5.03%	0.281%
94	17.203	2567	2570	2577	rVB2	140068	250862	3.98%	0.222%
95	17.427	2602	2608	2618	rVB	492720	1022252	16.22%	0.905%

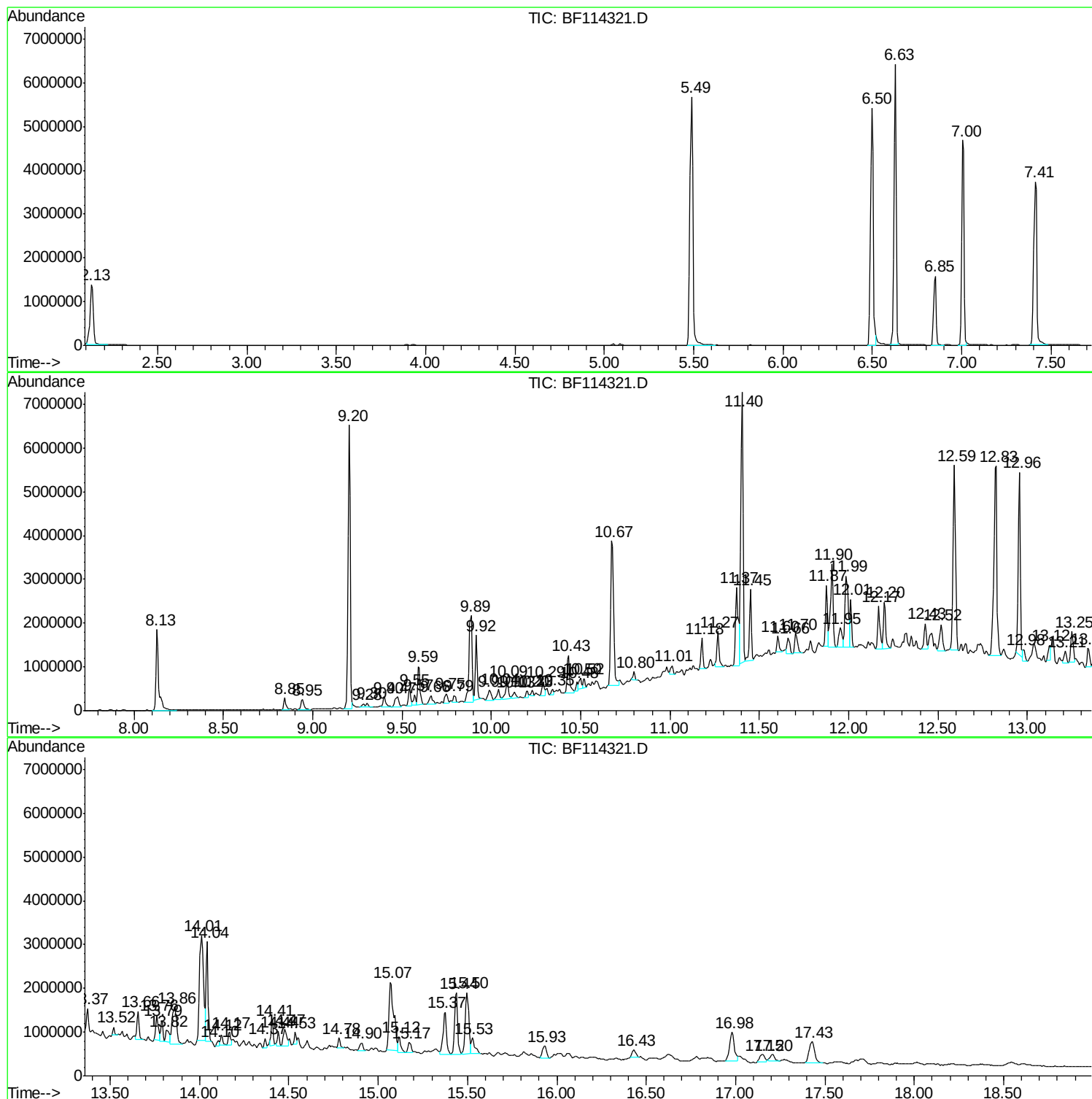
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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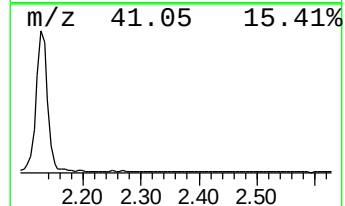
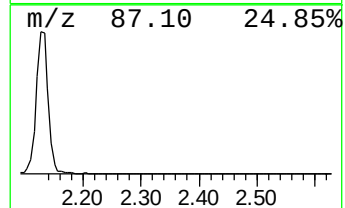
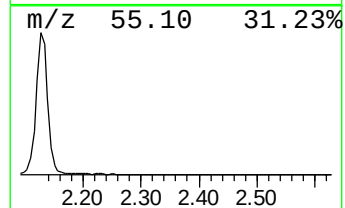
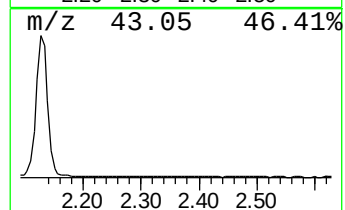
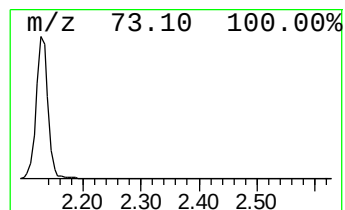
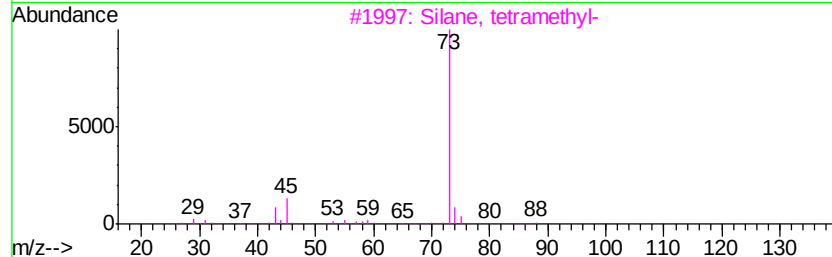
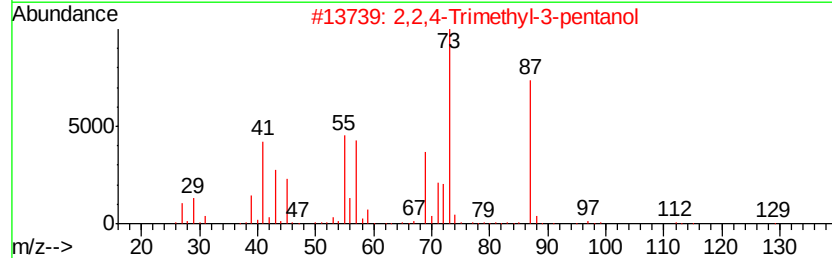
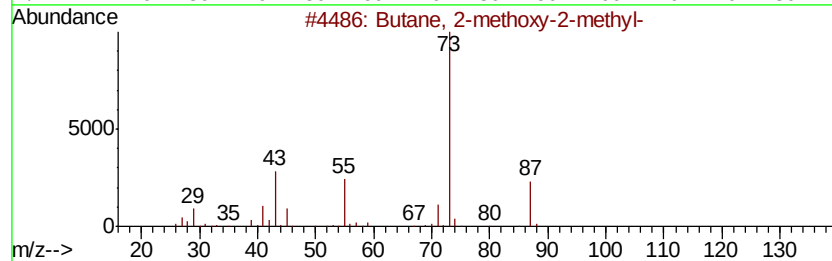
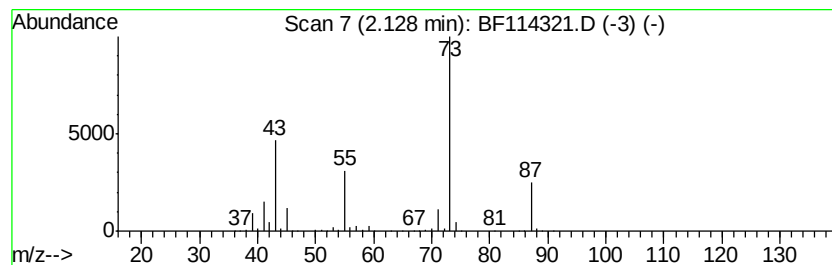
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	26.81 ng	1899630	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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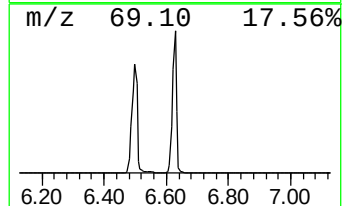
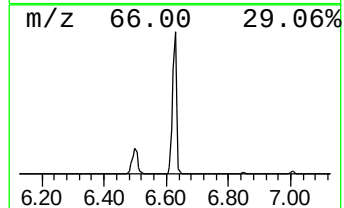
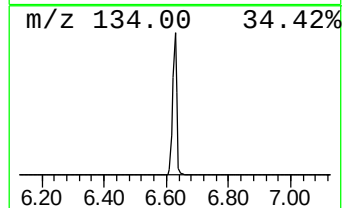
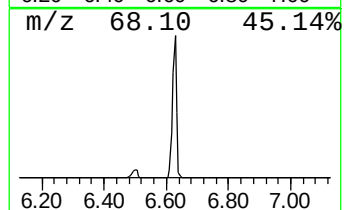
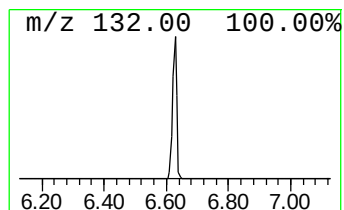
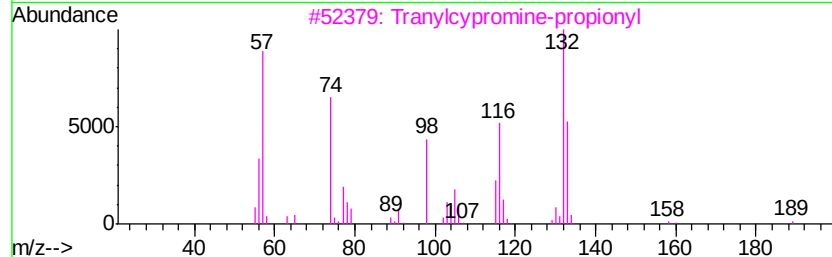
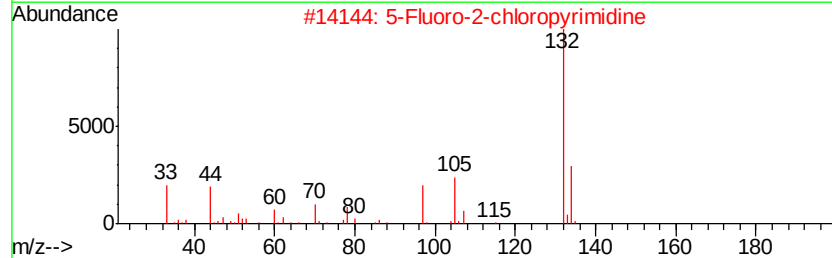
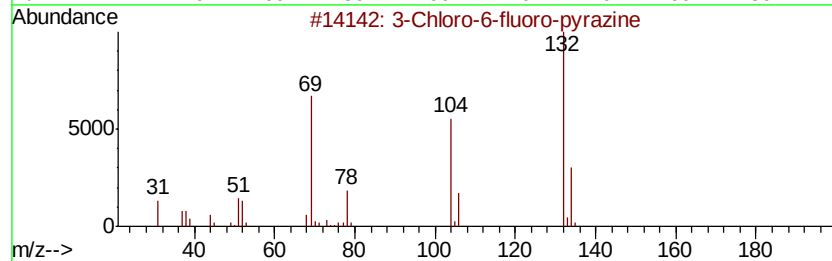
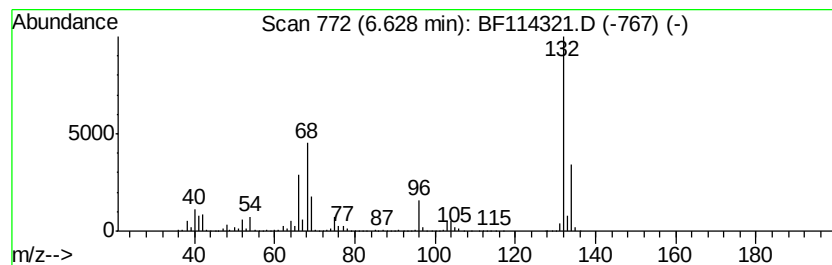
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	84.64 ng	5997610	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	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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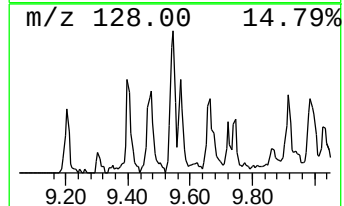
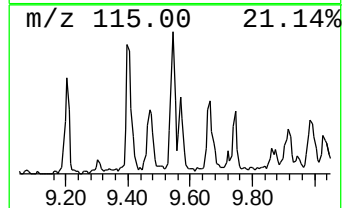
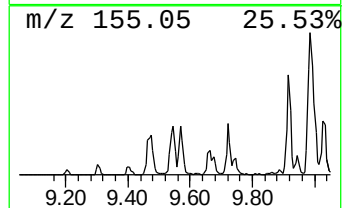
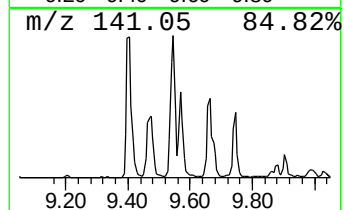
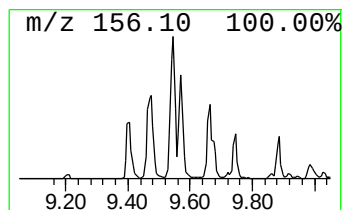
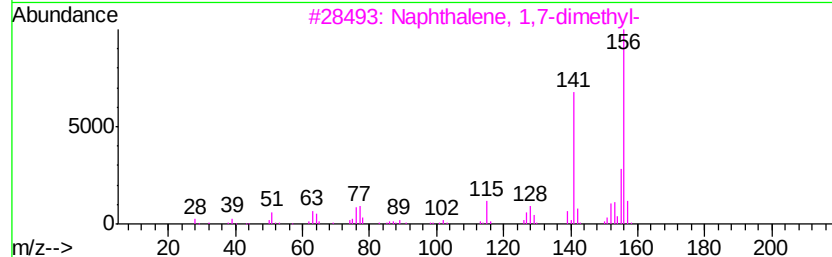
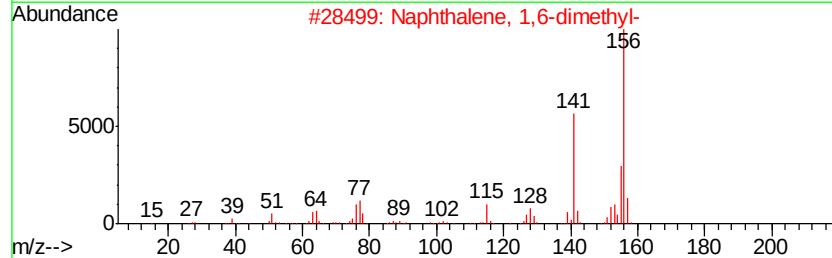
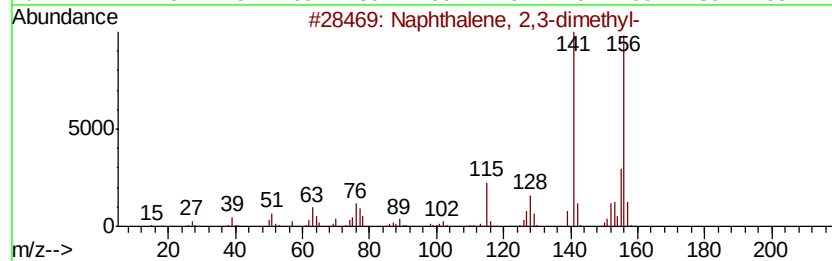
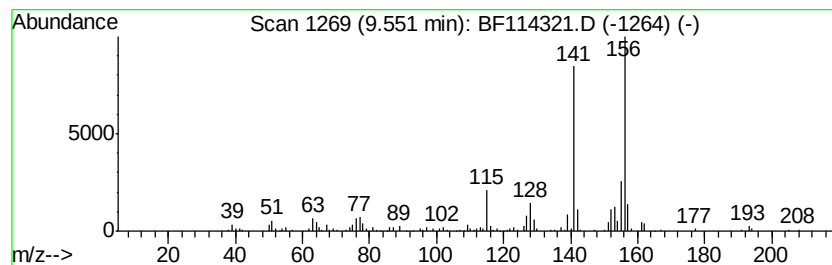
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	3.75 ng	391162	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114321.D
Acq On : 16 May 2019 20:39
Operator : JU/SJ
Sample : K2866-07
Misc :
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Instrument :
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ClientSampleId :
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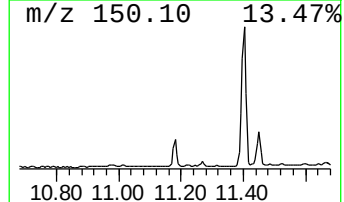
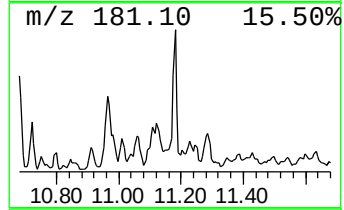
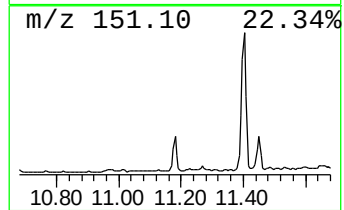
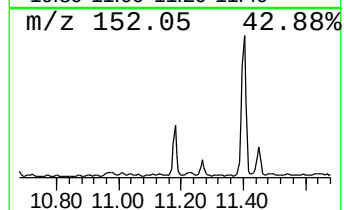
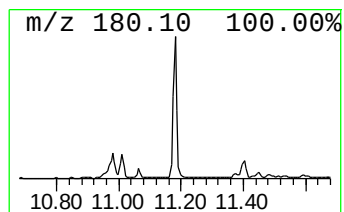
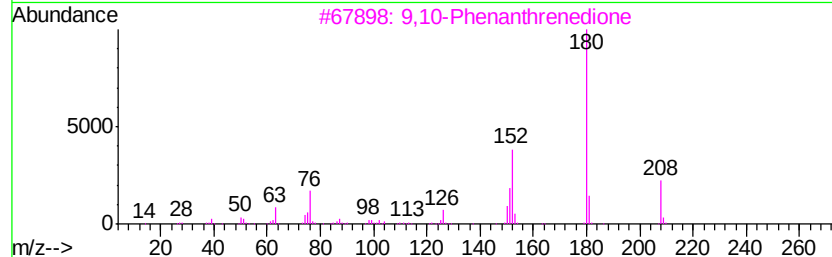
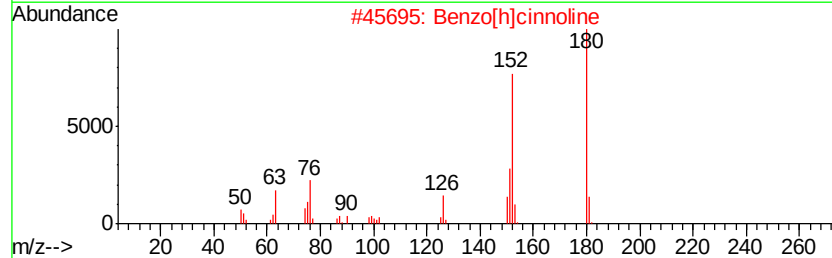
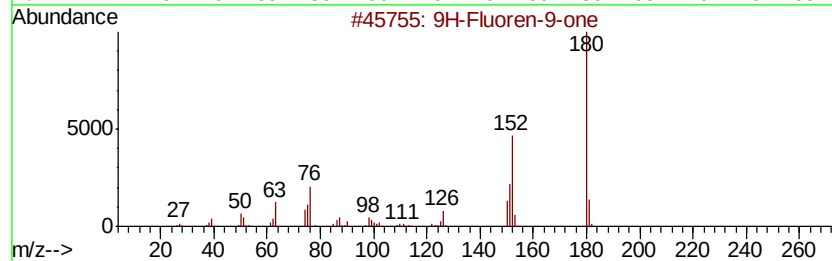
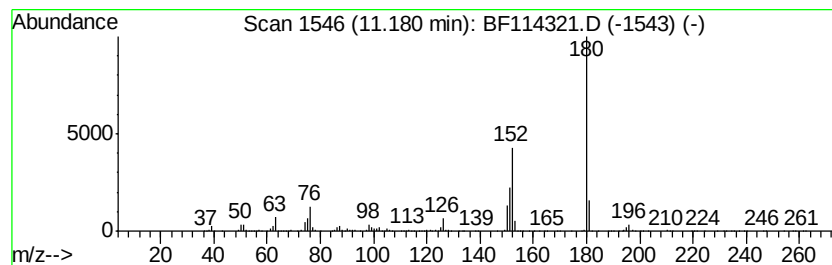
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	5.89 ng	577428	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
4		Diphenic anhydride	224	C14H8O3	006050-13-1	68
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
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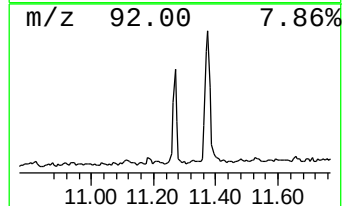
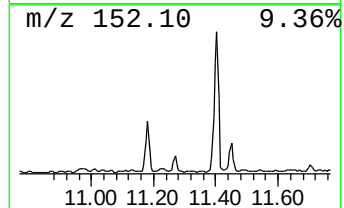
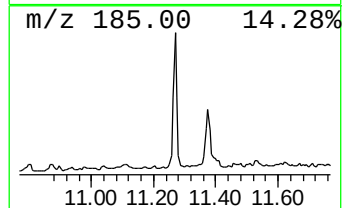
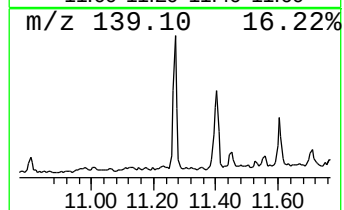
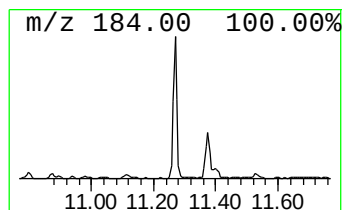
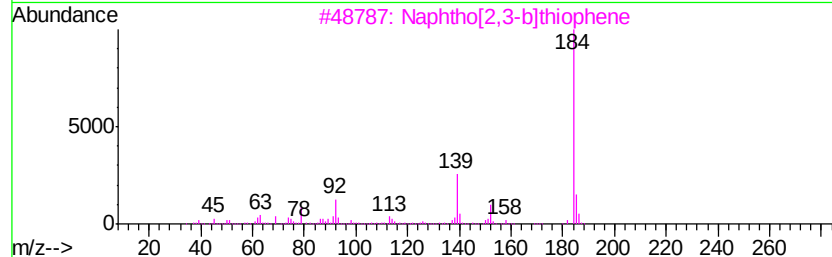
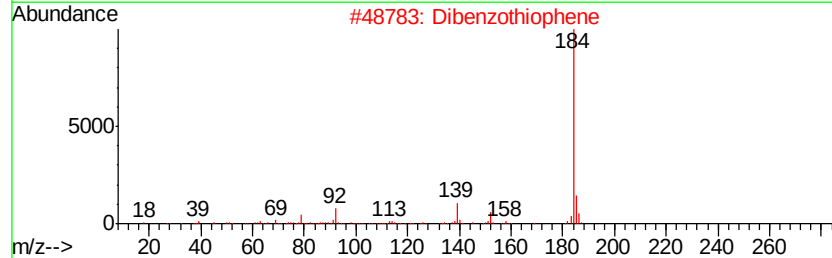
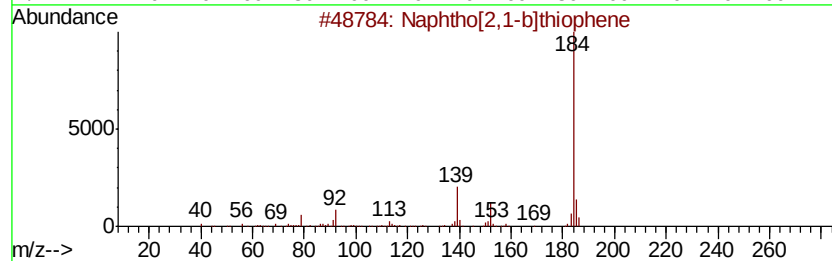
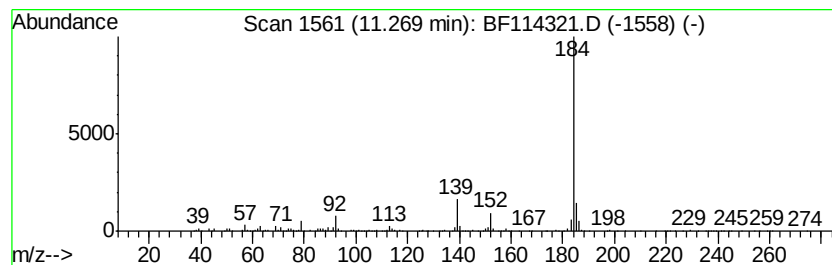
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.27	7.54 ng	739730	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114321.D
Acq On : 16 May 2019 20:39
Operator : JU/SJ
Sample : K2866-07
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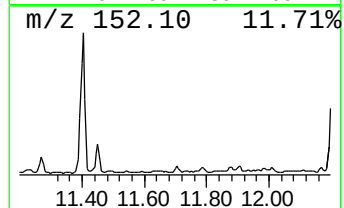
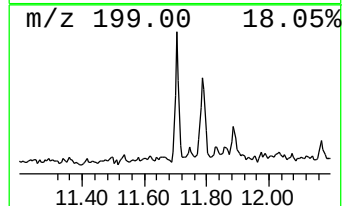
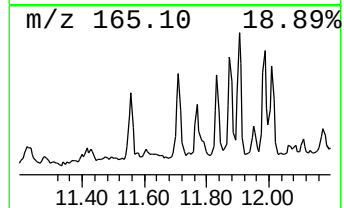
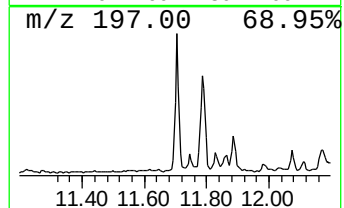
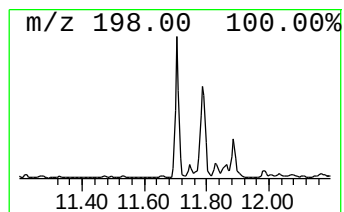
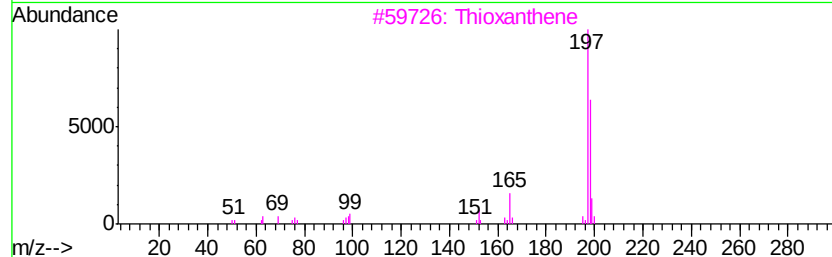
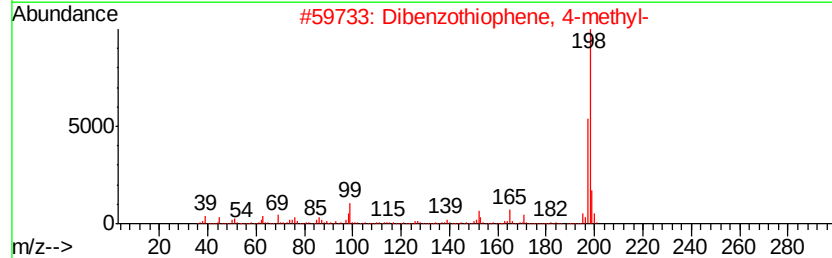
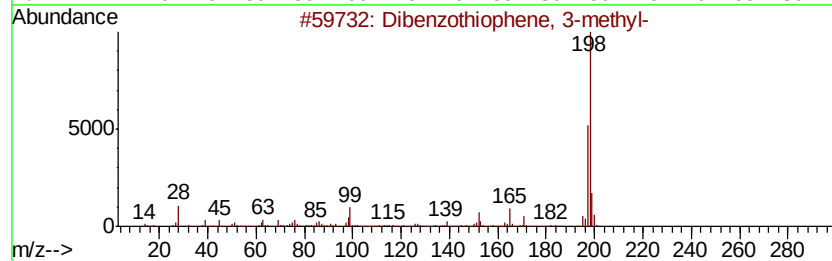
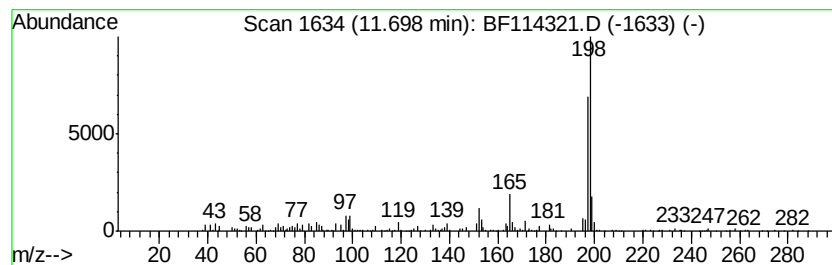
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	4.53 ng	444019	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	76
2			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74
3			Thioxanthene	198	C13H10S	000261-31-4	70
4			Tacrine	198	C13H14N2	000321-64-2	64
5			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114321.D
Acq On : 16 May 2019 20:39
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Sample : K2866-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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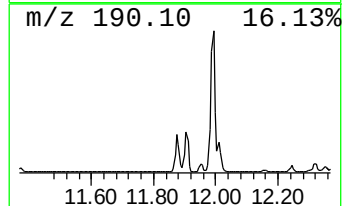
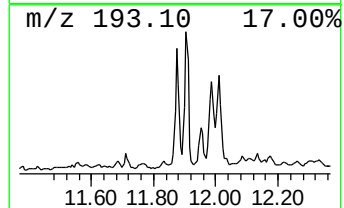
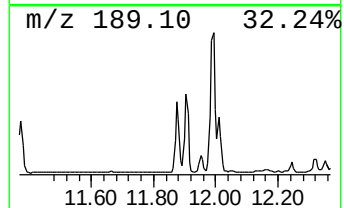
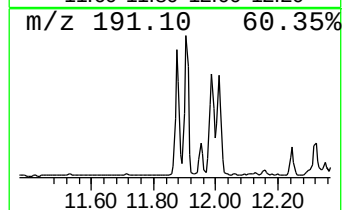
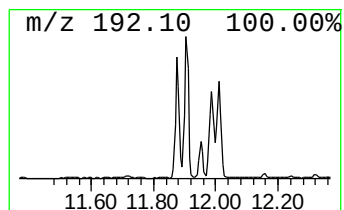
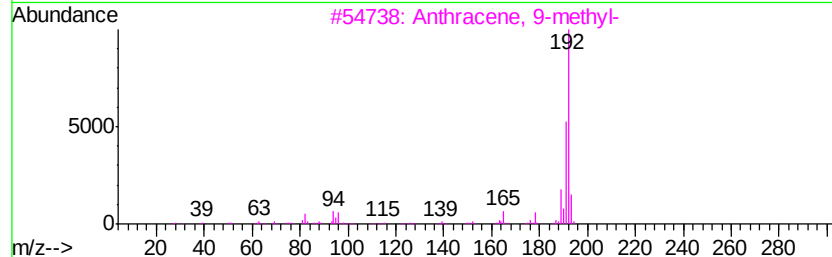
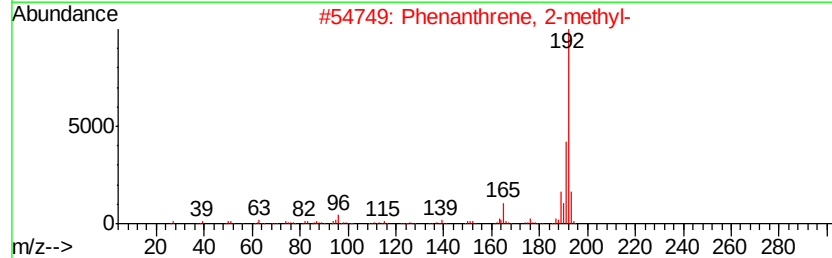
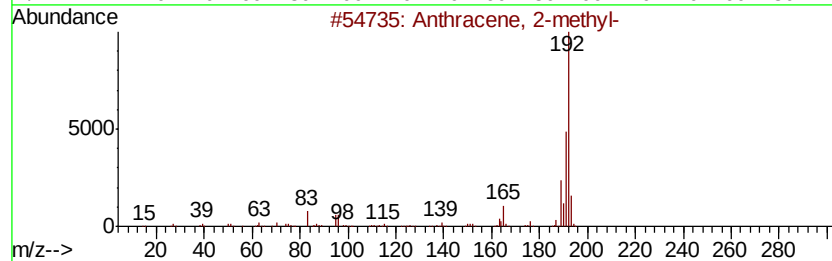
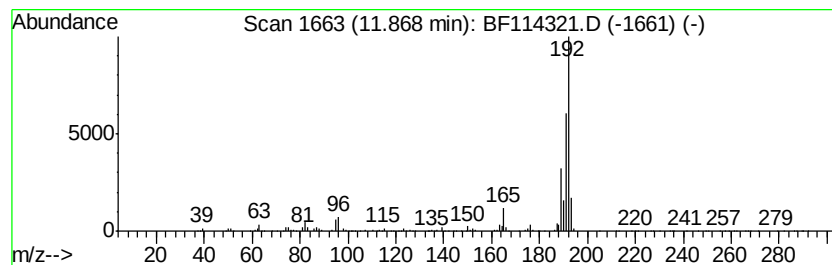
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	12.55 ng	1230210	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
4		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114321.D
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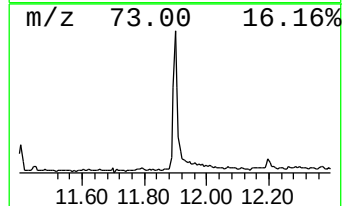
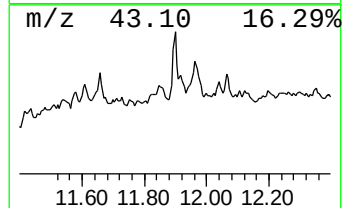
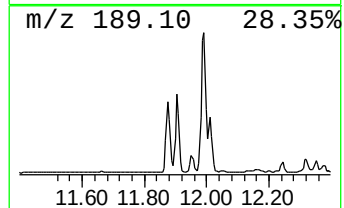
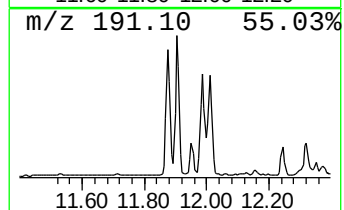
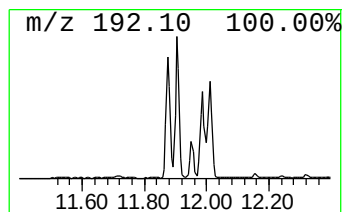
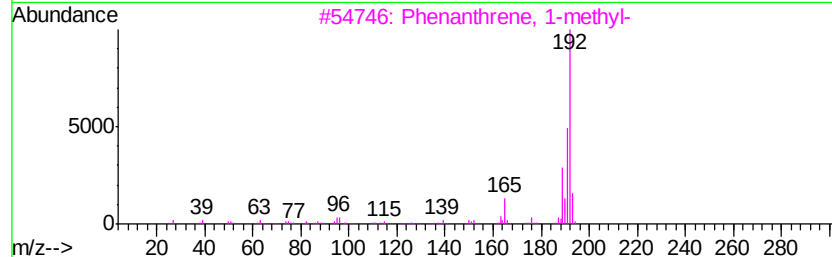
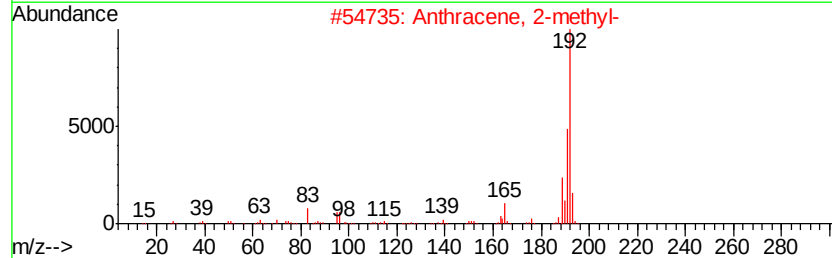
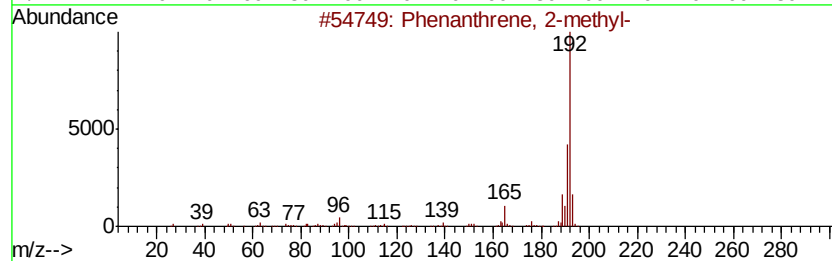
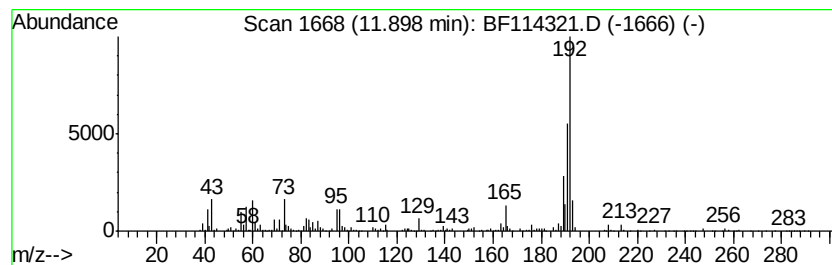
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	19.30 ng	1892270	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5		1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114321.D
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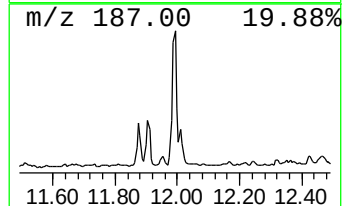
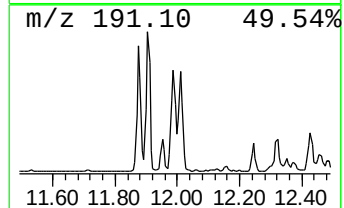
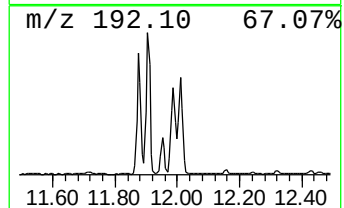
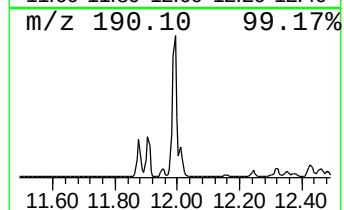
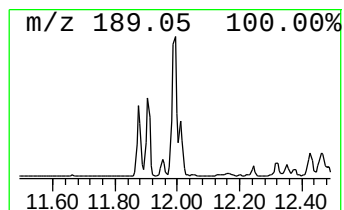
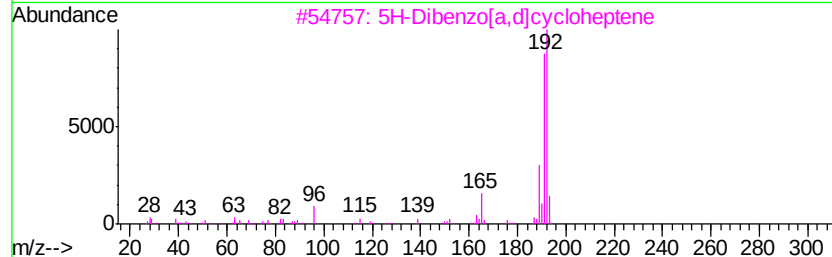
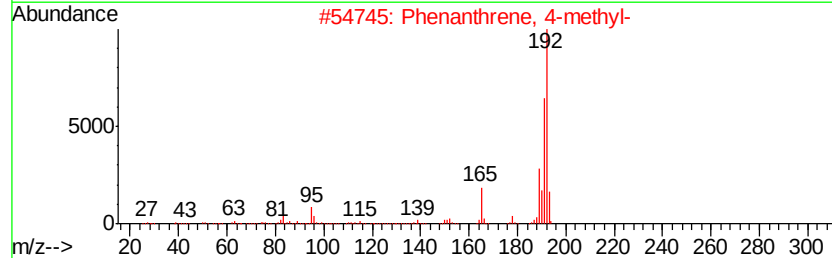
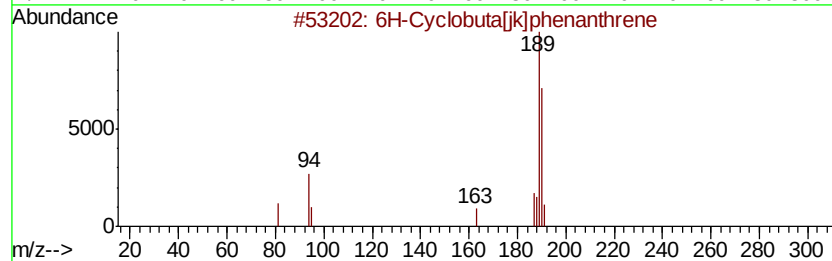
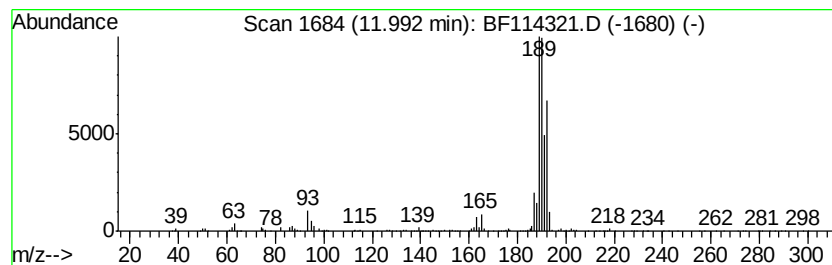
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown11.99 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	19.71 ng	1932990	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	46
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
3		5H-Dibenzofa,d]cycloheptene	192	C15H12	000256-81-5	46
4		1a,9b-Dihydro-1H-cyclopropa[alan...	192	C15H12	006109-24-6	41
5		1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	41



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
Data File : BF114321.D
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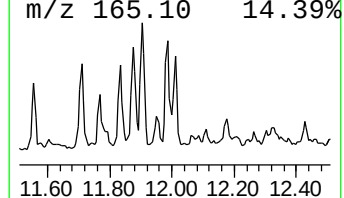
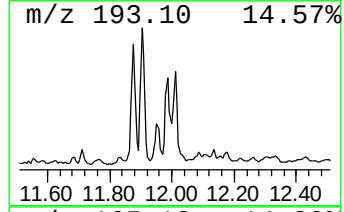
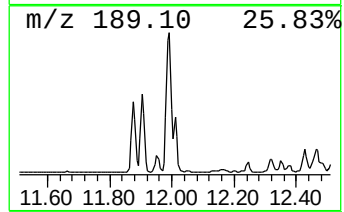
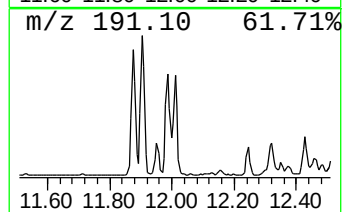
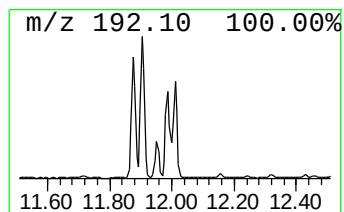
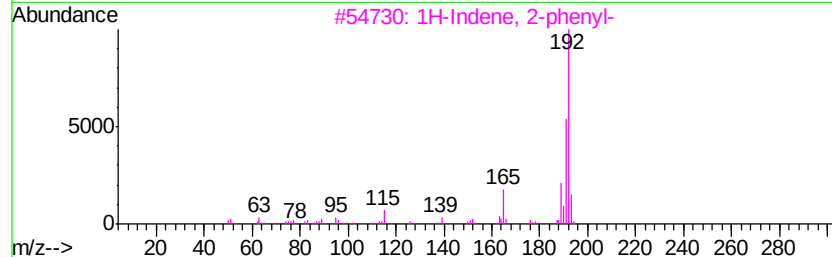
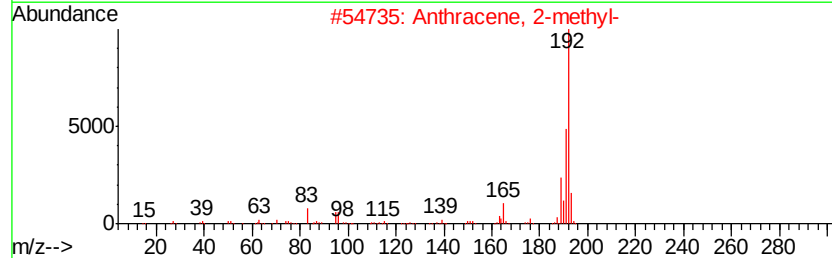
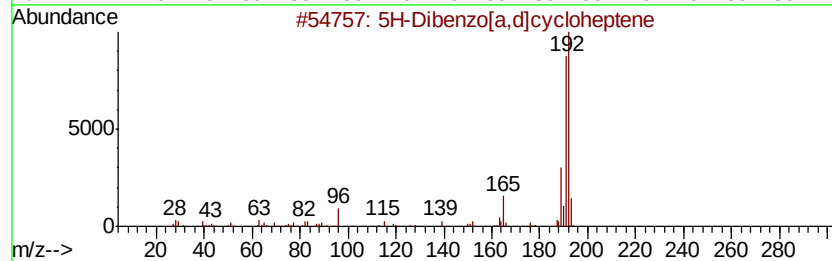
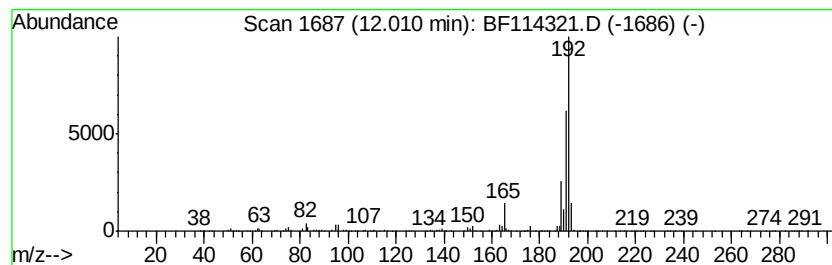
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 5H-Dibenzo[a,d]cycloheptene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.93 ng	679074	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4			1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	89
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86



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Data File : BF114321.D
Acq On : 16 May 2019 20:39
Operator : JU/SJ
Sample : K2866-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

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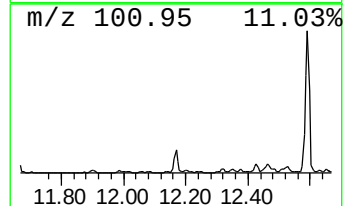
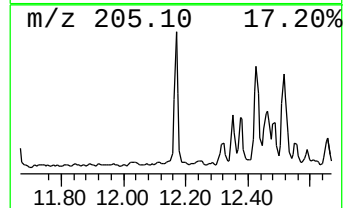
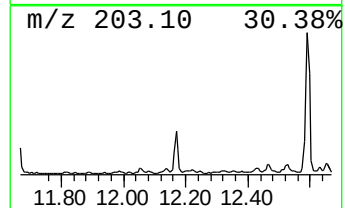
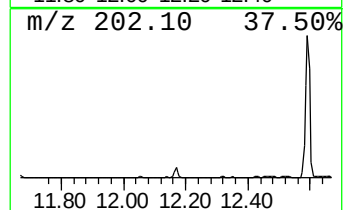
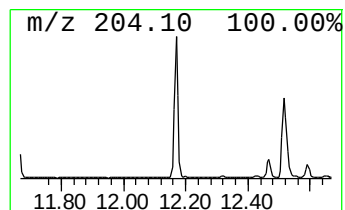
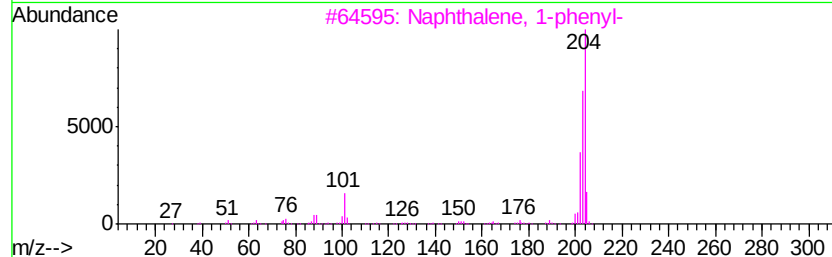
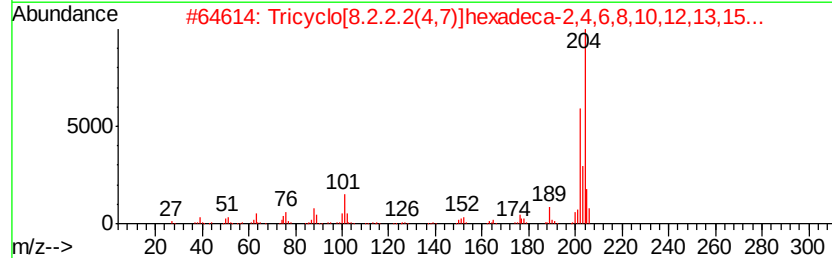
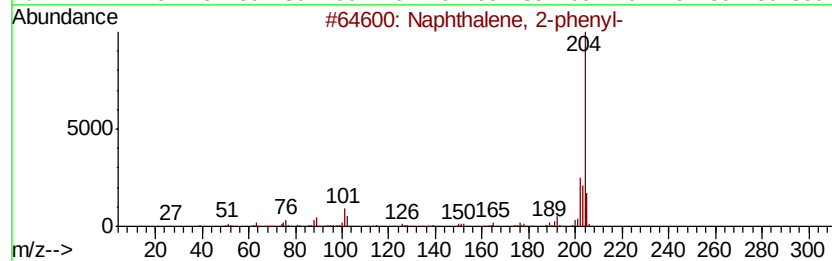
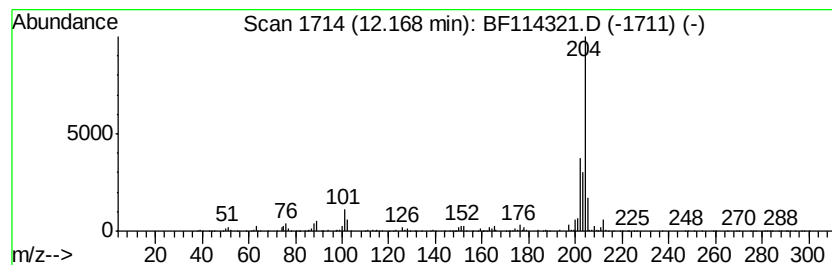
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	8.73 ng	856505	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
4		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	50
5		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	50



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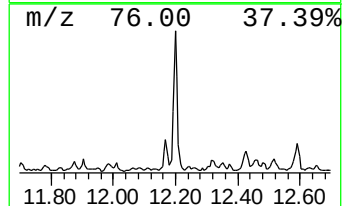
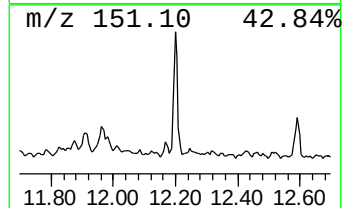
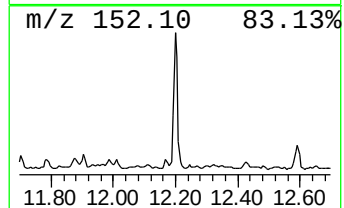
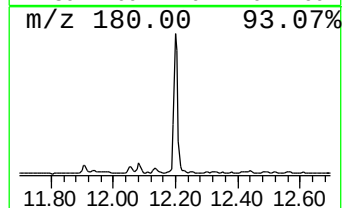
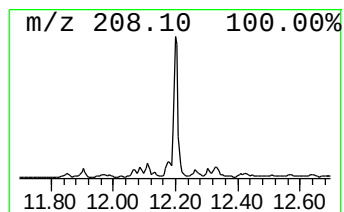
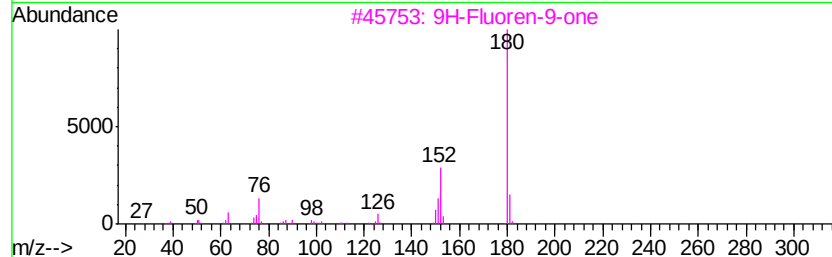
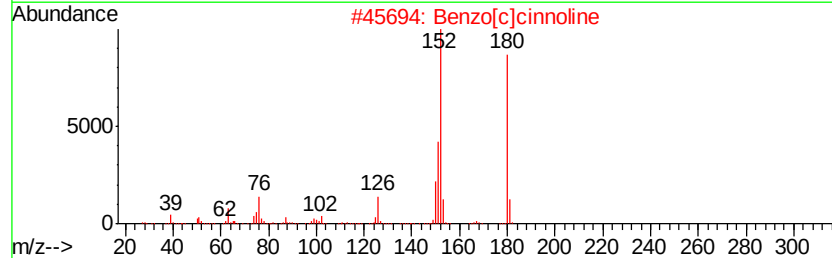
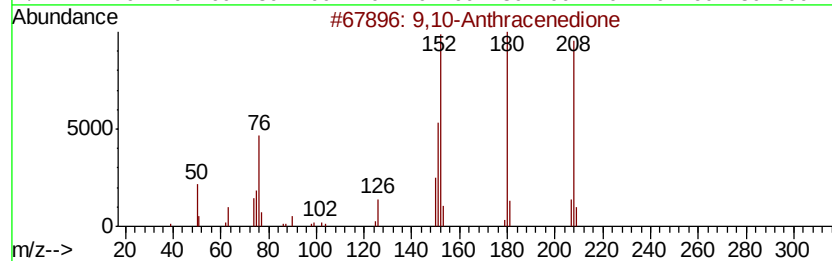
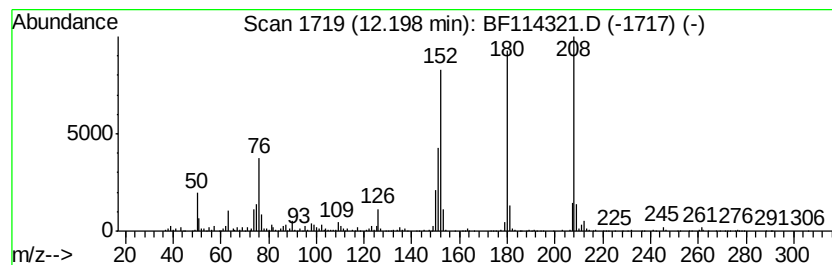
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	10.41 ng	1020480	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	96
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5		1,3-Benzenedicarboxaldehyde, 2,4...	180	C9H8O4	010209-57-1	49



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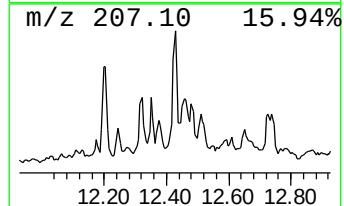
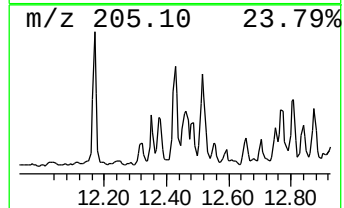
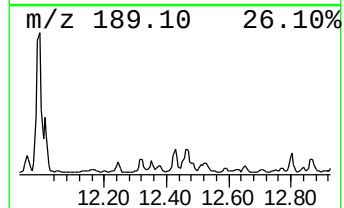
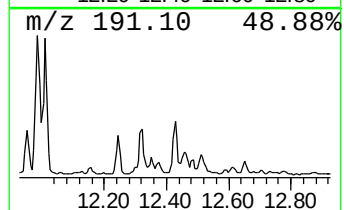
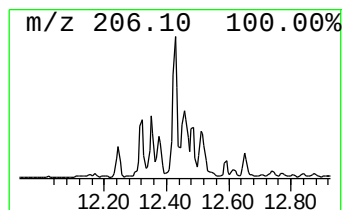
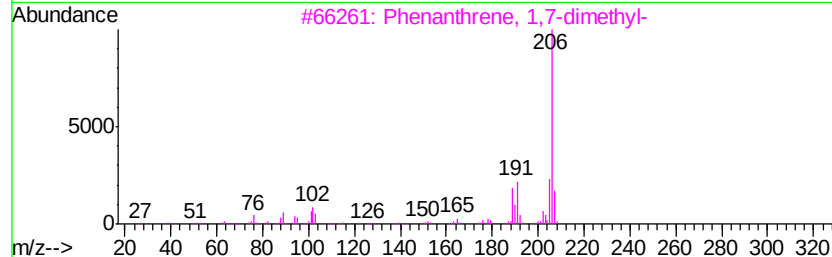
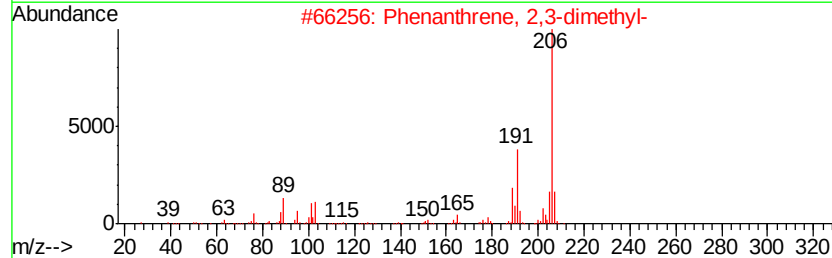
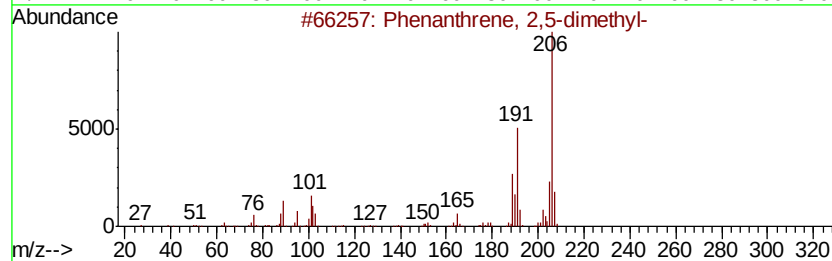
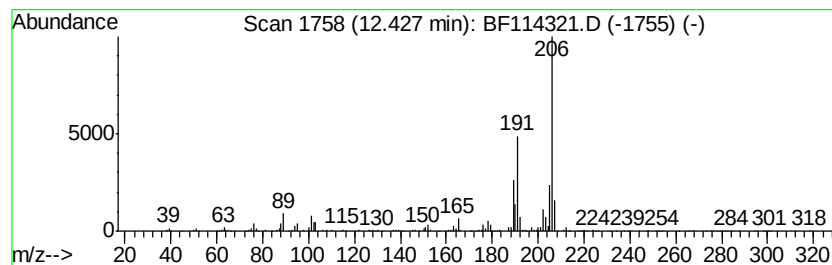
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	6.24 ng	611559	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87



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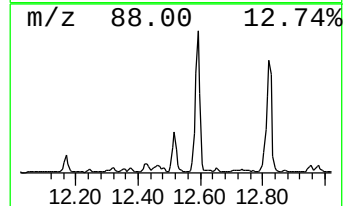
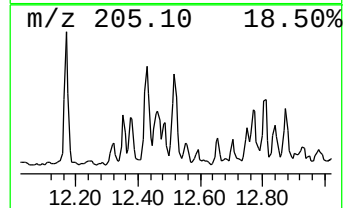
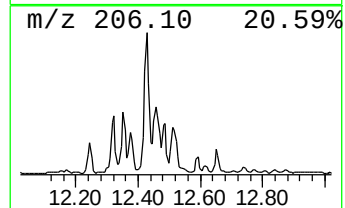
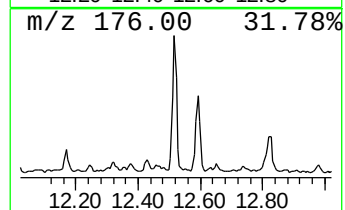
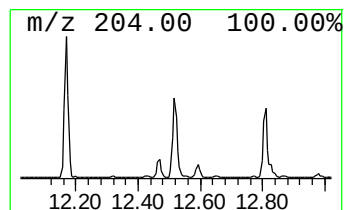
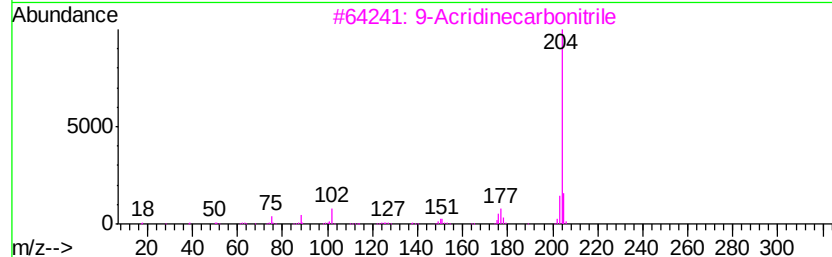
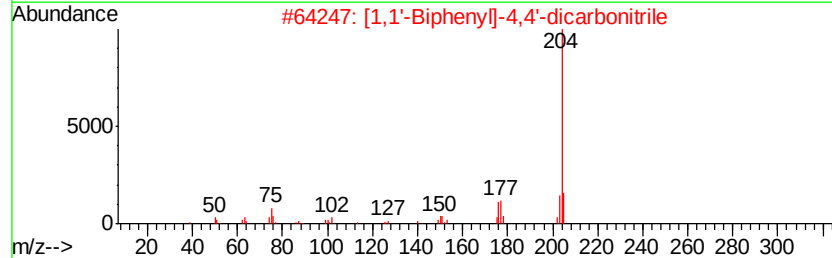
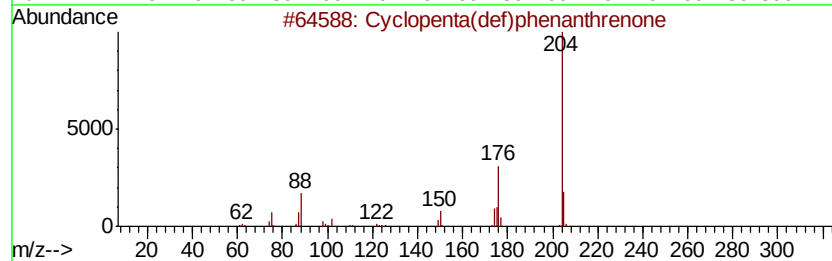
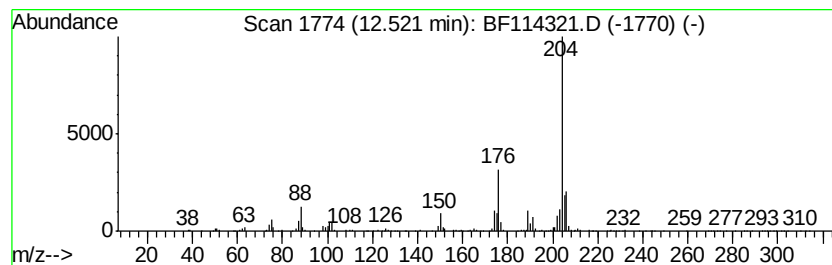
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	6.78 ng	664729	Phenanthrene-d10	11.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
4			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



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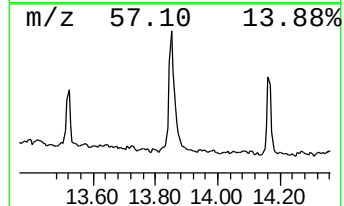
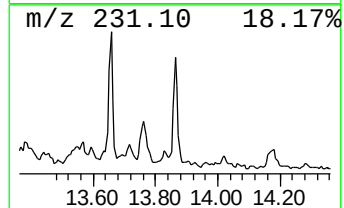
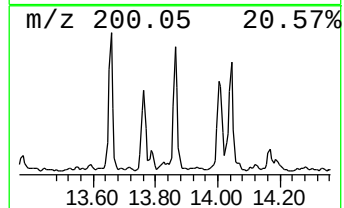
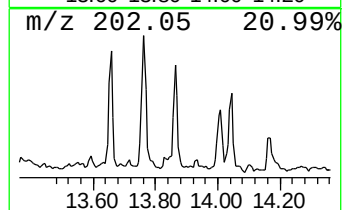
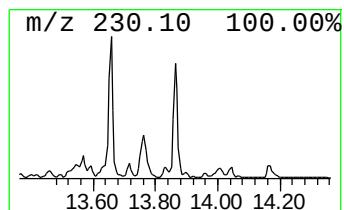
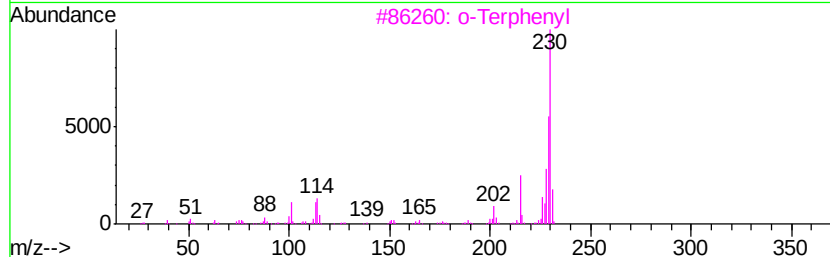
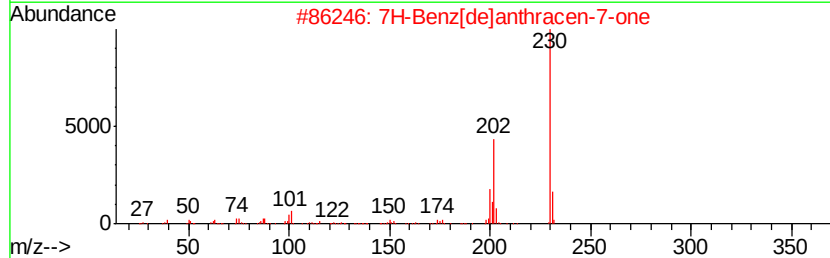
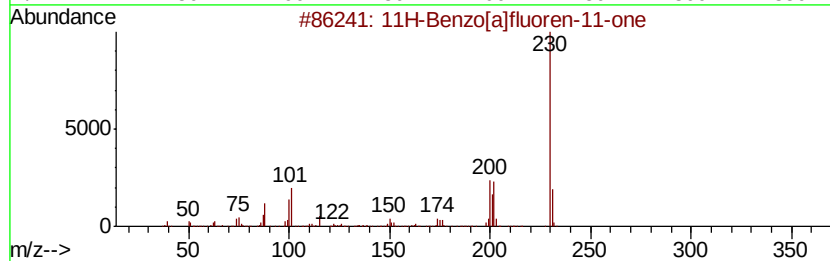
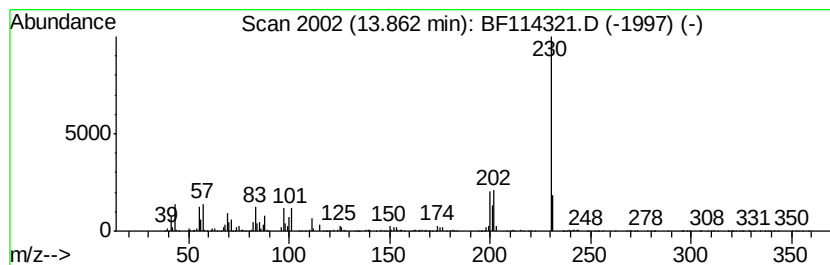
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	7.87 ng	1437230	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3		o-Terphenyl	230	C18H14	000084-15-1	53
4		Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53
5		1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	50



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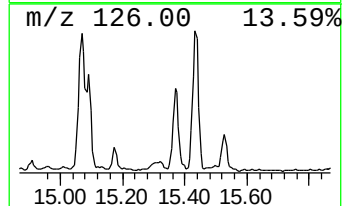
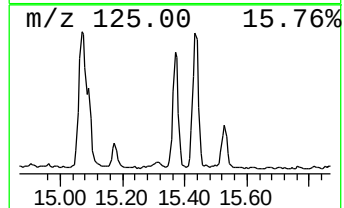
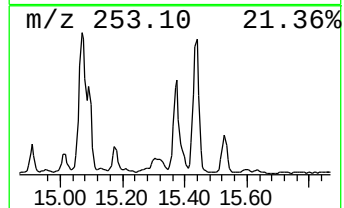
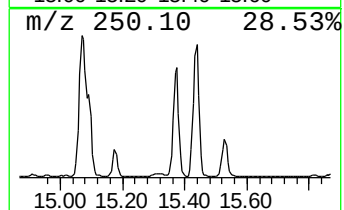
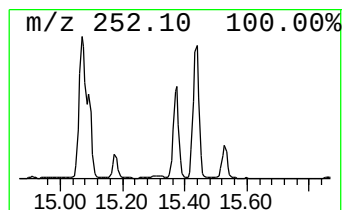
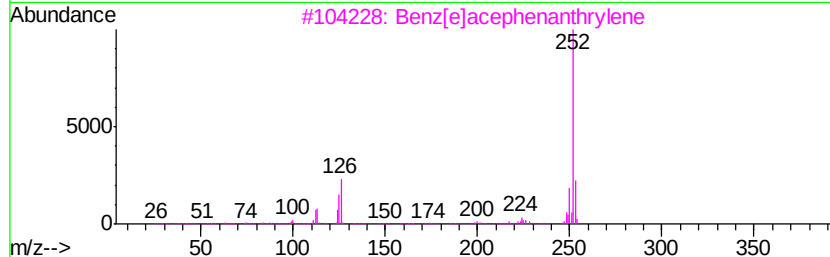
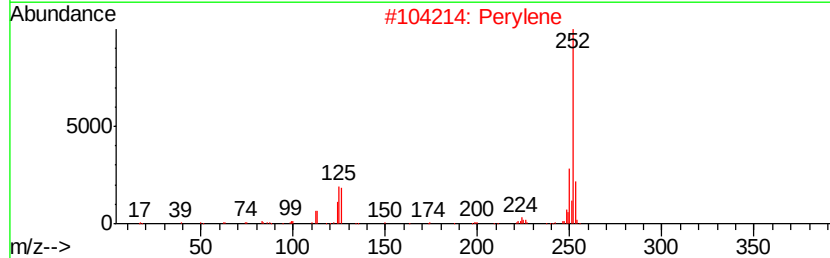
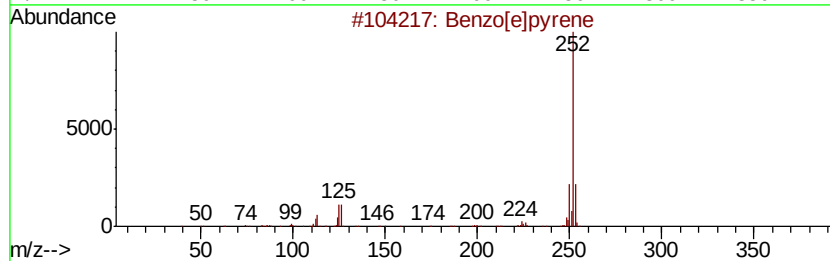
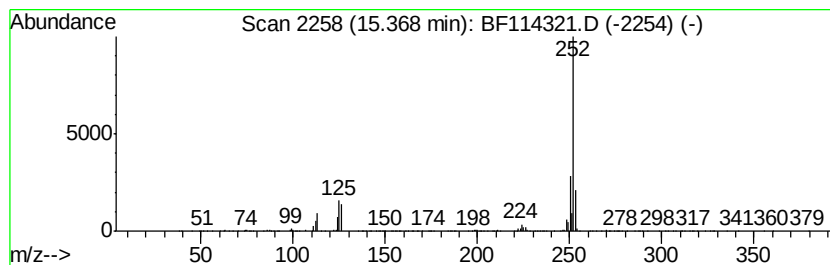
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	14.54 ng	1303510	Perylene-d12	15.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Perylene	252	C20H12	000198-55-0	97
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	95
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



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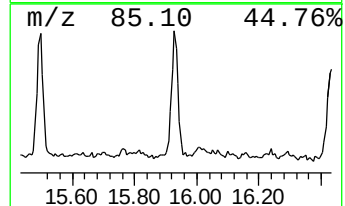
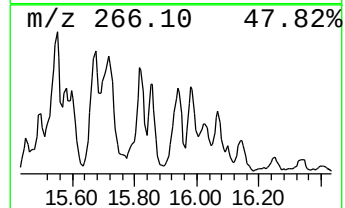
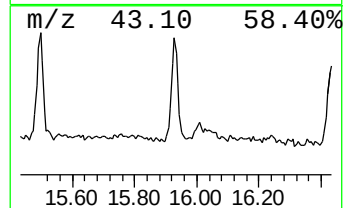
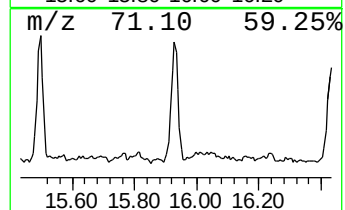
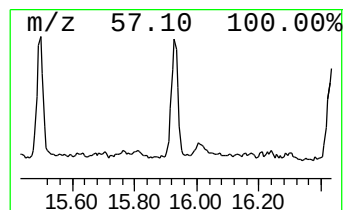
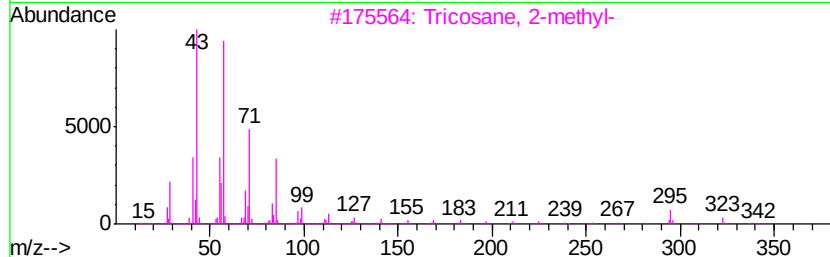
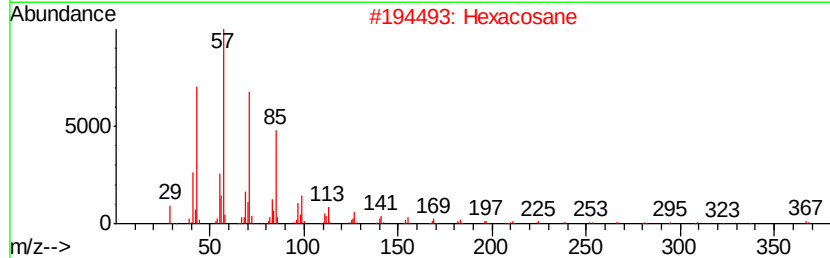
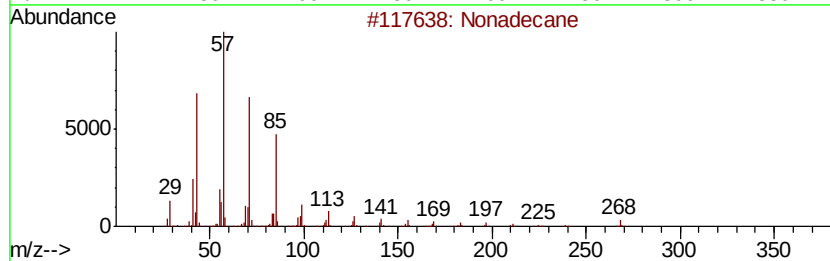
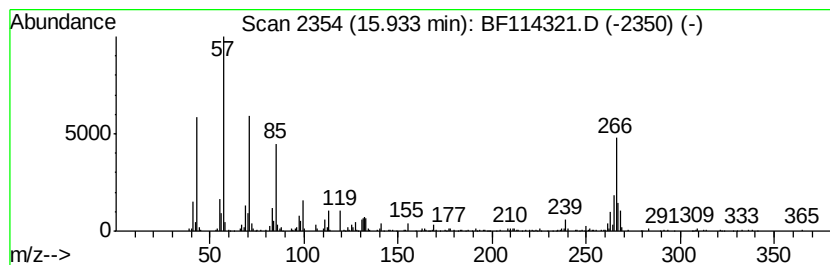
Instrument :
BNA_F
ClientSampleId :
RO-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Nonadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.93	4.37 ng	391441	Perylene-d12	15.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	64
2	Hexacosane	366	C26H54	000630-01-3	46
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	46
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46
5	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051619\
 Data File : BF114321.D
 Acq On : 16 May 2019 20:39
 Operator : JU/SJ
 Sample : K2866-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-COMP-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.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
Butane, 2-methoxy...	2.13	26.8	ng	1899630	1	6.85	1417140	20.0
unknown6.63	6.63	84.6	ng	5997610	1	6.85	1417140	20.0
Naphthalene, 2,3-...	9.55	3.8	ng	391162	3	9.89	2084930	20.0
9H-Fluoren-9-one	11.18	5.9	ng	577428	4	11.37	1961110	20.0
Naphtho[2,1-b]thi...	11.27	7.5	ng	739730	4	11.37	1961110	20.0
Dibenzothiophene,...	11.70	4.5	ng	444019	4	11.37	1961110	20.0
Anthracene, 2-met...	11.87	12.6	ng	1230210	4	11.37	1961110	20.0
Phenanthrene, 2-m...	11.90	19.3	ng	1892270	4	11.37	1961110	20.0
unknown11.99	11.99	19.7	ng	1932990	4	11.37	1961110	20.0
5H-Dibenzo[a,d]cy...	12.01	6.9	ng	679074	4	11.37	1961110	20.0
Naphthalene, 2-ph...	12.17	8.7	ng	856505	4	11.37	1961110	20.0
9,10-Anthracenedione	12.20	10.4	ng	1020480	4	11.37	1961110	20.0
Phenanthrene, 2,5...	12.43	6.2	ng	611559	4	11.37	1961110	20.0
Cyclopenta(def)ph...	12.52	6.8	ng	664729	4	11.37	1961110	20.0
11H-Benzo[a]fluor...	13.86	7.9	ng	1437230	5	14.02	3653280	20.0
Benzo[e]pyrene	15.37	14.5	ng	1303510	6	15.50	1792740	20.0
Nonadecane	15.93	4.4	ng	391441	6	15.50	1792740	20.0