

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123951.D
 Acq On : 15 May 2021 18:23
 Operator : JU/CG
 Sample : M2392-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

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-BF051421.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF123951.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	10	15	21	rVB	501757	638019	58.73%	3.871%
2	2.287	29	34	40	rBB3	36717	45077	4.15%	0.274%
3	5.122	514	516	521	rVB2	15364	16335	1.50%	0.099%
4	5.516	578	583	586	rBV	1140726	1039025	95.63%	6.304%
5	6.522	748	754	757	rBV	1126947	1086449	100.00%	6.592%
6	6.722	785	788	790	rBV	35239	26875	2.47%	0.163%
7	6.904	815	819	822	rBV	353463	269537	24.81%	1.635%
8	7.463	909	914	917	rBV	891959	750634	69.09%	4.555%
9	8.186	1032	1037	1039	rBV	432771	340891	31.38%	2.068%
10	8.204	1039	1040	1045	rVB	28022	22826	2.10%	0.138%
11	9.263	1216	1220	1223	rBV	1416858	1073748	98.83%	6.515%
12	9.651	1283	1286	1290	rBV	170877	129913	11.96%	0.788%
13	9.939	1332	1335	1338	rVV	385247	328125	30.20%	1.991%
14	9.975	1338	1341	1344	rVB	86584	68785	6.33%	0.417%
15	10.145	1366	1370	1374	rBV	36117	30081	2.77%	0.183%
16	10.486	1425	1428	1432	rBV	61358	49496	4.56%	0.300%
17	10.645	1453	1455	1458	rVB2	19252	14434	1.33%	0.088%
18	10.728	1465	1469	1472	rBV	738796	595576	54.82%	3.614%
19	10.851	1485	1490	1494	rBV3	18176	24925	2.29%	0.151%
20	11.163	1538	1543	1545	rBV3	12740	15754	1.45%	0.096%
21	11.227	1551	1554	1558	rVB	32909	30069	2.77%	0.182%
22	11.322	1568	1570	1575	rVB	32408	27891	2.57%	0.169%
23	11.427	1585	1588	1590	rBV	343163	296089	27.25%	1.797%
24	11.451	1590	1592	1596	rVV	619280	540895	49.79%	3.282%
25	11.504	1596	1601	1604	rVV	150485	126785	11.67%	0.769%
26	11.533	1604	1606	1610	rVV2	22232	19333	1.78%	0.117%
27	11.651	1621	1626	1629	rBV2	61736	58893	5.42%	0.357%
28	11.727	1635	1639	1642	rBV4	20497	22867	2.10%	0.139%
29	11.757	1642	1644	1649	rVB5	15023	17977	1.65%	0.109%
30	11.927	1670	1673	1675	rBV	72628	67727	6.23%	0.411%
31	11.957	1675	1678	1683	rVV2	159746	164904	15.18%	1.001%
32	12.004	1683	1686	1689	rVV	40814	41026	3.78%	0.249%
33	12.045	1689	1693	1695	rVV2	125500	144111	13.26%	0.874%
34	12.063	1695	1696	1701	rVV2	61170	43588	4.01%	0.264%
35	12.127	1705	1707	1710	rVB4	21916	20329	1.87%	0.123%
36	12.227	1718	1724	1725	rBV	69201	63880	5.88%	0.388%

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Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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37	12.245	1725	1727	1731	rVV	78670	63012	5.80%	0.382%
38	12.298	1734	1736	1741	rVB5	11354	13715	1.26%	0.083%
39	12.374	1747	1749	1751	rBV3	26910	21836	2.01%	0.132%
40	12.404	1751	1754	1756	rVV3	17651	15126	1.39%	0.092%
41	12.433	1756	1759	1760	rVV3	21165	17068	1.57%	0.104%
42	12.480	1764	1767	1770	rVV2	51183	50385	4.64%	0.306%
43	12.522	1770	1774	1775	rVV2	32300	36686	3.38%	0.223%
44	12.563	1778	1781	1787	rVB2	54965	63444	5.84%	0.385%
45	12.645	1791	1795	1799	rBV	1072140	966024	88.92%	5.861%
46	12.704	1799	1805	1808	rVV4	27711	40328	3.71%	0.245%
47	12.739	1808	1811	1813	rVB3	21177	16771	1.54%	0.102%
48	12.769	1813	1816	1818	rBV3	29058	32052	2.95%	0.194%
49	12.792	1818	1820	1824	rVV	28729	34678	3.19%	0.210%
50	12.874	1828	1834	1839	rBV	922251	1035331	95.29%	6.282%
51	12.921	1839	1842	1847	rVB2	45659	59947	5.52%	0.364%
52	12.992	1850	1854	1855	rBV	54127	56485	5.20%	0.343%
53	13.016	1855	1858	1865	rVB	939274	815454	75.06%	4.948%
54	13.086	1865	1870	1874	rBV4	67416	116146	10.69%	0.705%
55	13.116	1874	1875	1878	rVB2	22411	16559	1.52%	0.100%
56	13.174	1883	1885	1887	rBV3	50288	58653	5.40%	0.356%
57	13.198	1887	1889	1892	rVB	120436	100034	9.21%	0.607%
58	13.233	1892	1895	1897	rBV4	15976	16035	1.48%	0.097%
59	13.269	1897	1901	1903	rVB	65350	61496	5.66%	0.373%
60	13.304	1903	1907	1910	rBV2	97949	115710	10.65%	0.702%
61	13.327	1910	1911	1915	rVB4	33976	31123	2.86%	0.189%
62	13.363	1915	1917	1918	rBV	30446	23040	2.12%	0.140%
63	13.398	1921	1923	1925	rVB	58187	42881	3.95%	0.260%
64	13.427	1925	1928	1932	rBV	55369	62853	5.79%	0.381%
65	13.498	1938	1940	1942	rVB3	20751	14040	1.29%	0.085%
66	13.604	1951	1958	1959	rBV7	31128	62727	5.77%	0.381%
67	13.651	1964	1966	1968	rVV3	24553	18122	1.67%	0.110%
68	13.704	1972	1975	1980	rVB	94499	111115	10.23%	0.674%
69	13.821	1990	1995	1997	rBV3	81878	108330	9.97%	0.657%
70	13.851	1997	2000	2002	rVV	82404	83181	7.66%	0.505%
71	13.874	2002	2004	2007	rVV2	72803	89819	8.27%	0.545%
72	13.910	2007	2010	2017	rVB2	240550	238633	21.96%	1.448%
73	14.068	2030	2037	2040	rBV3	595762	868627	79.95%	5.270%
74	14.098	2040	2042	2048	rVB	446257	406757	37.44%	2.468%
75	14.157	2050	2052	2053	rBV2	19855	16579	1.53%	0.101%
76	14.174	2053	2055	2058	rVB	61907	56153	5.17%	0.341%

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77	14.233	2063	2065	2067	rBV3	22112	19653	1.81%	0.119%
78	14.292	2072	2075	2078	rBV2	44585	53240	4.90%	0.323%
79	14.421	2095	2097	2099	rBV2	24816	21255	1.96%	0.129%
80	14.457	2101	2103	2106	rVB	78571	67400	6.20%	0.409%
81	14.492	2106	2109	2113	rVB	55039	48512	4.47%	0.294%
82	14.551	2116	2119	2122	rVB4	59500	56829	5.23%	0.345%
83	14.580	2122	2124	2126	rBV3	34684	34761	3.20%	0.211%
84	14.763	2153	2155	2158	rBV4	25583	21373	1.97%	0.130%
85	15.127	2212	2217	2220	rBV	285087	445846	41.04%	2.705%
86	15.233	2233	2235	2239	rVB	57890	61817	5.69%	0.375%
87	15.439	2266	2270	2274	rVB	149219	204900	18.86%	1.243%
88	15.504	2276	2281	2284	rVV	234710	288258	26.53%	1.749%
89	15.562	2287	2291	2294	rVV	142413	194352	17.89%	1.179%
90	15.598	2294	2297	2306	rVB2	77227	127463	11.73%	0.773%
91	15.727	2316	2319	2321	rBV4	22582	27764	2.56%	0.168%
92	16.621	2469	2471	2475	rVB5	17813	17163	1.58%	0.104%
93	17.068	2541	2547	2554	rVB3	101501	216453	19.92%	1.313%
94	17.251	2574	2578	2583	rBV7	25090	45518	4.19%	0.276%
95	17.521	2619	2624	2631	rVB2	77311	154935	14.26%	0.940%
96	17.762	2660	2665	2669	rVB8	23314	45231	4.16%	0.274%
97	18.309	2757	2758	2762	rVB4	16356	18486	1.70%	0.112%

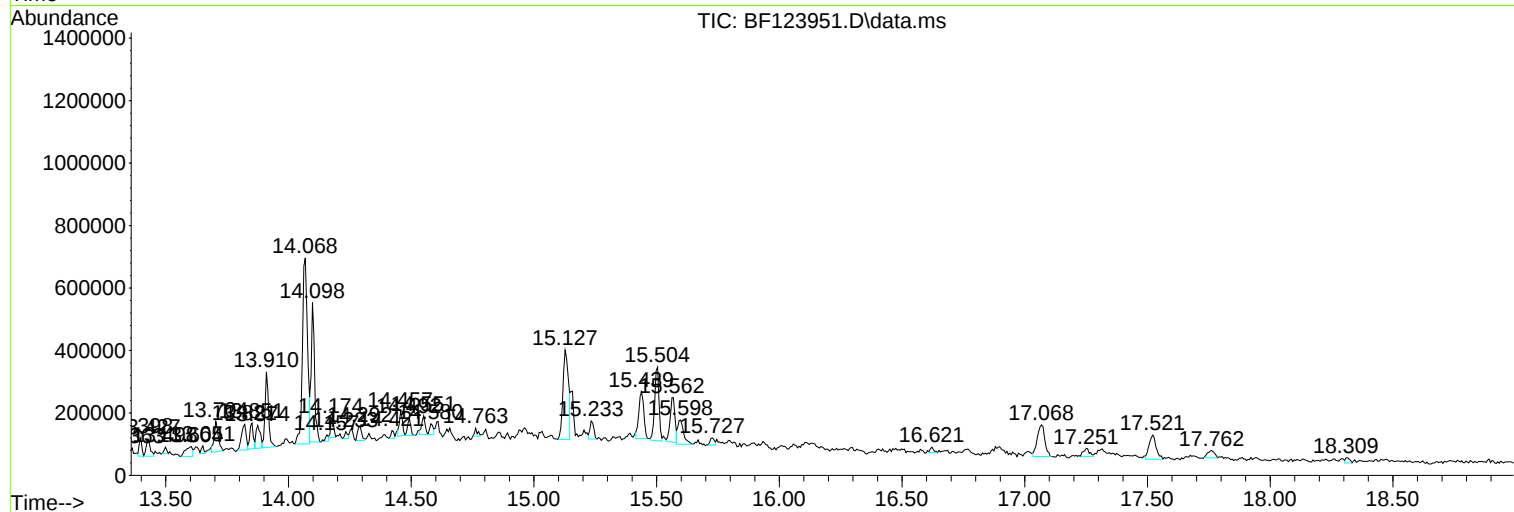
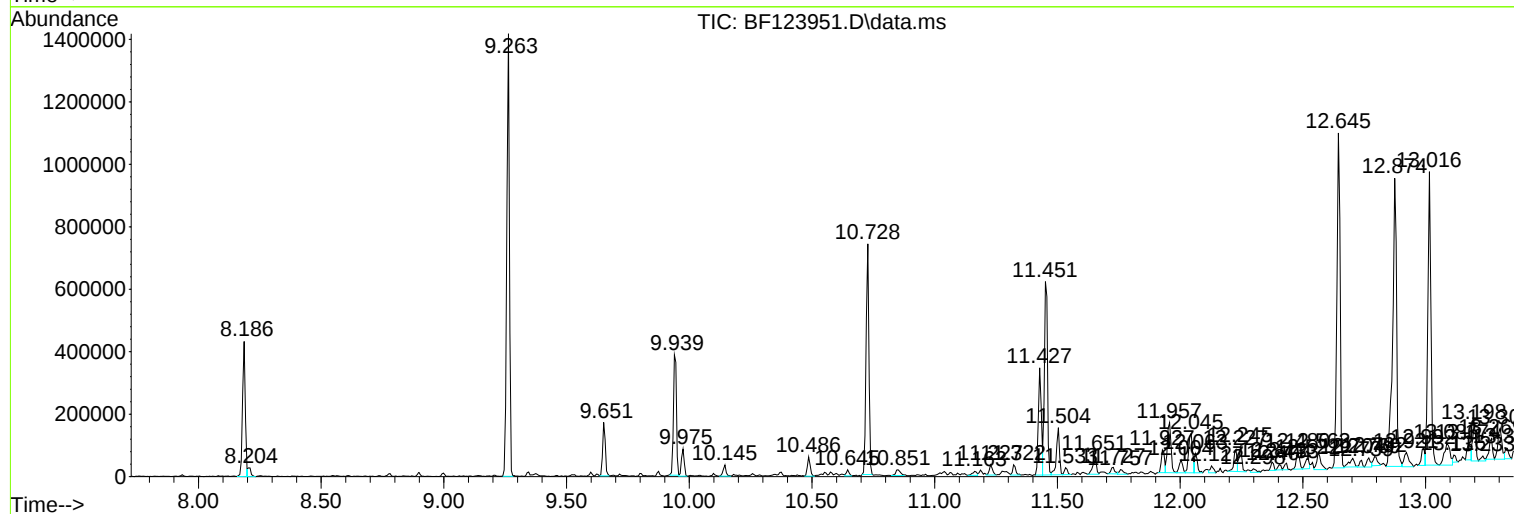
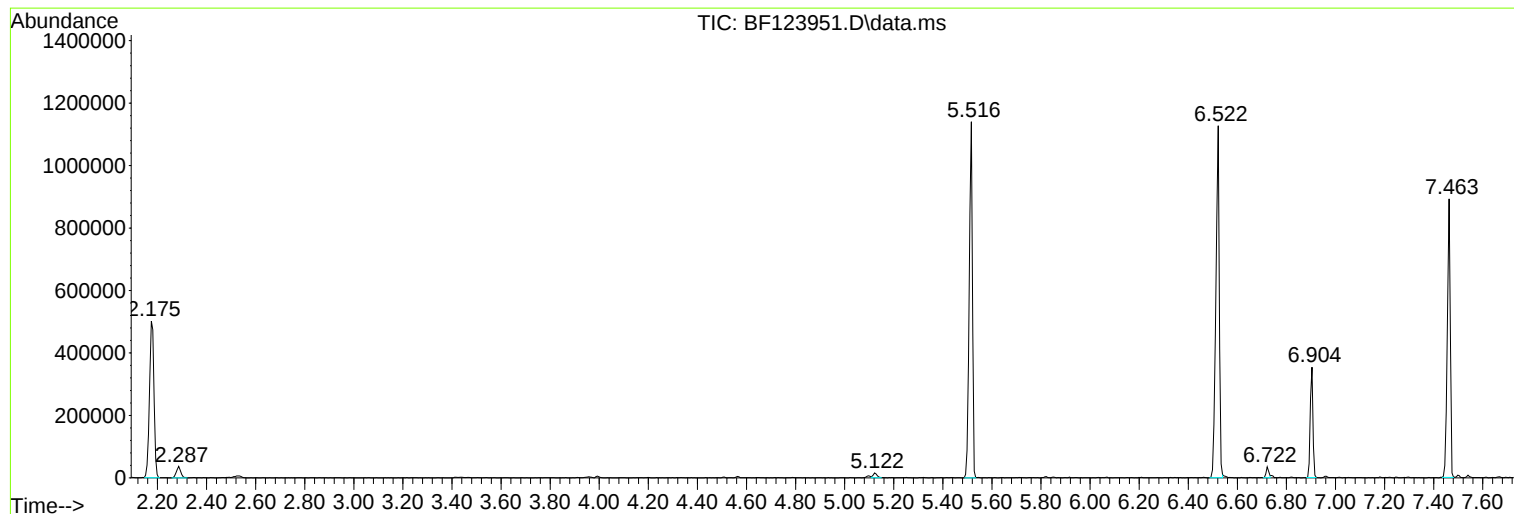
Sum of corrected areas: 16481033

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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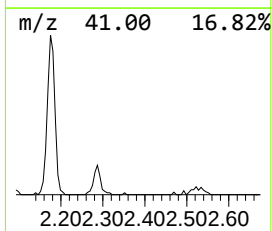
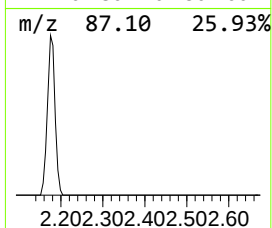
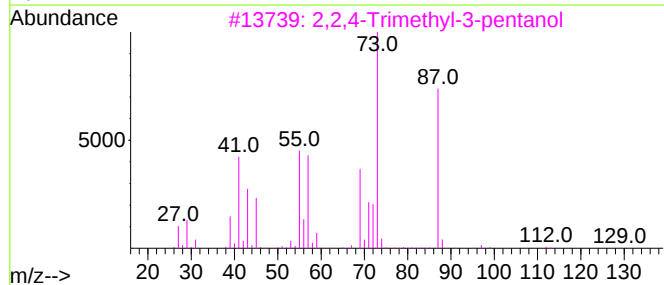
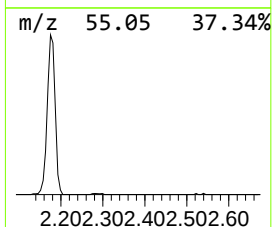
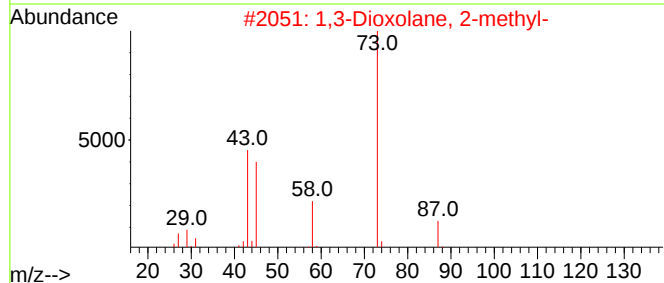
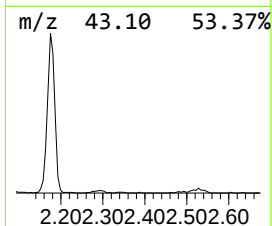
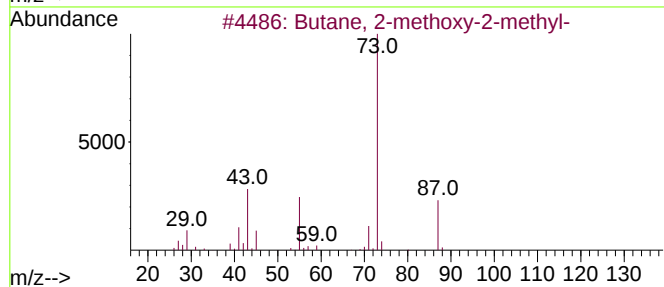
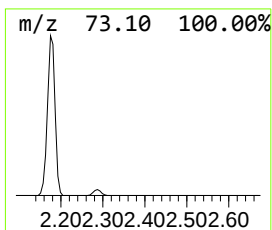
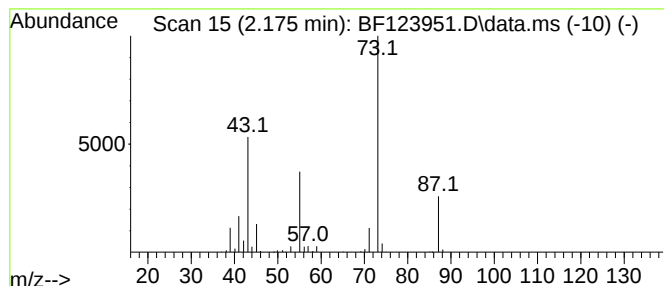
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.175	47.34 ng	638019	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	47
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5			4-Penten-2-ol, acetate	128	C7H12O2	1000352-31-5	16



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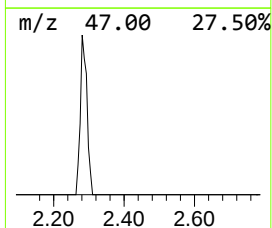
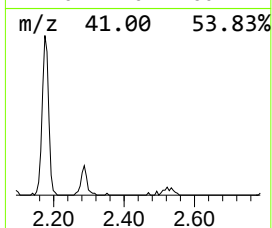
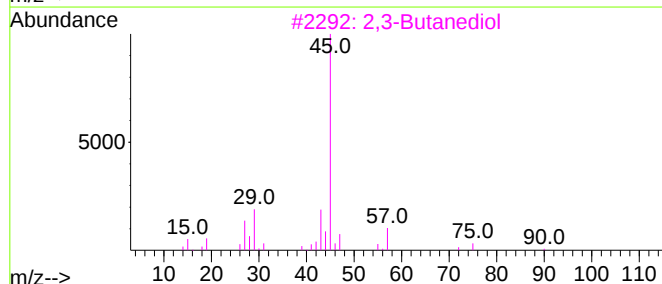
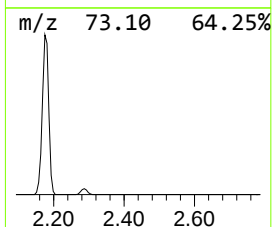
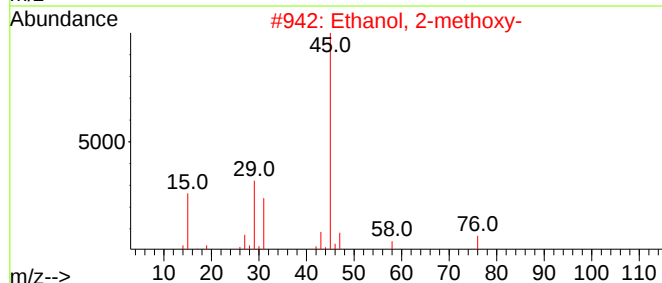
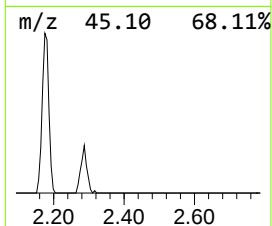
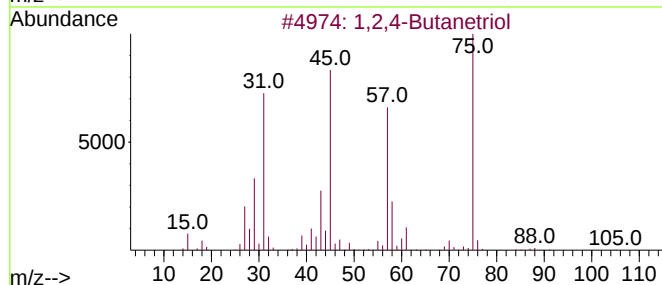
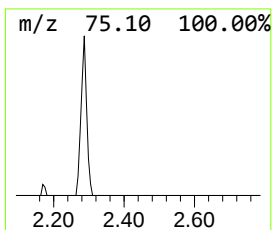
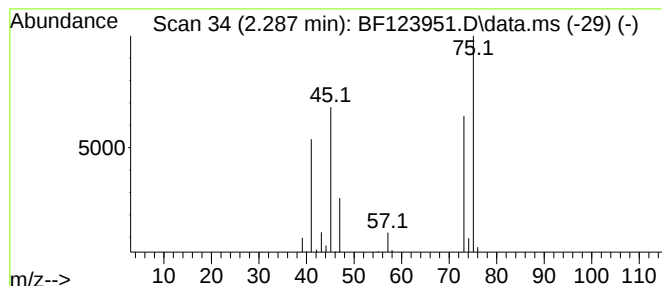
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown2.287 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.287	3.34 ng	45077	1,4-Dichlorobenzene-d4	6.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4-Butanetriol	106	C4H10O3	003068-00-6	36
2			Ethanol, 2-methoxy-	76	C3H8O2	000109-86-4	10
3			2,3-Butanediol	90	C4H10O2	000513-85-9	10
4			2-Propanol, 1-methoxy-	90	C4H10O2	000107-98-2	9
5			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	9



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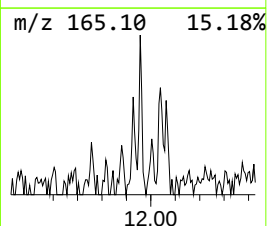
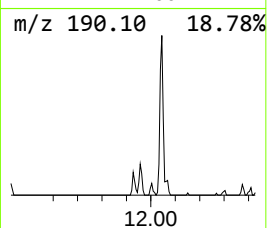
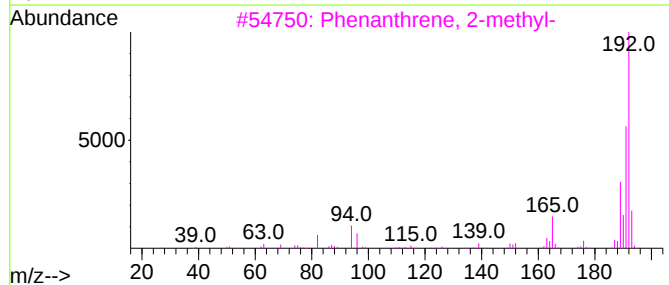
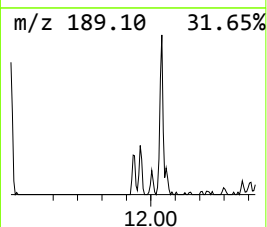
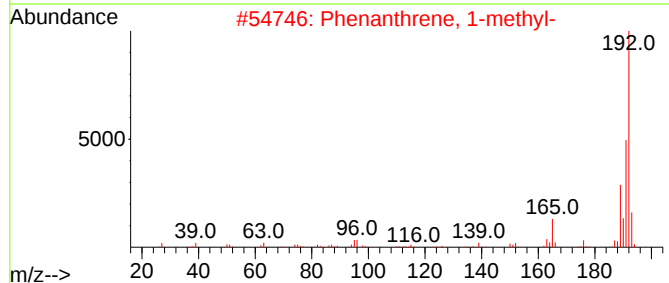
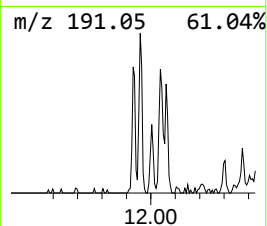
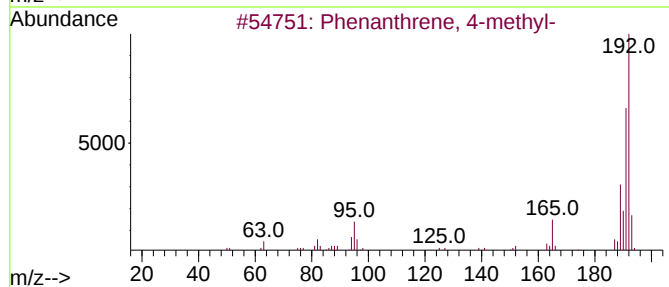
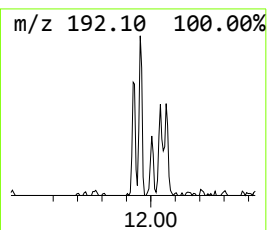
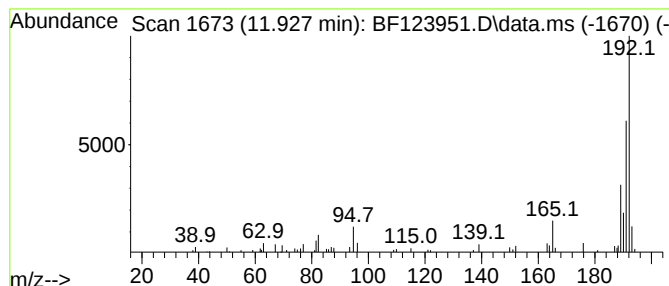
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	4.57 ng	67727	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

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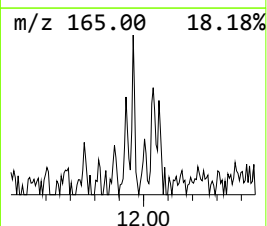
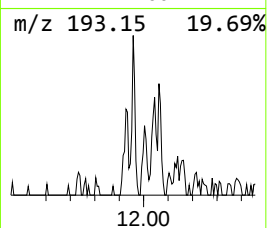
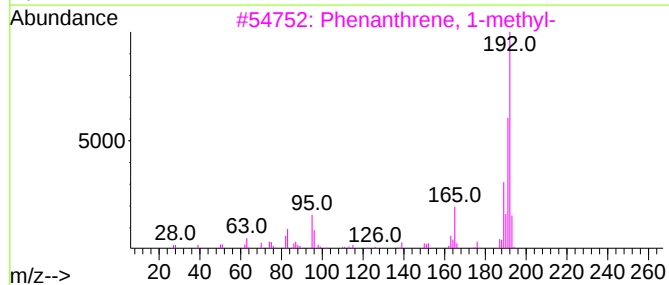
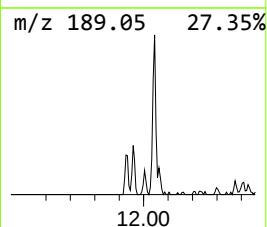
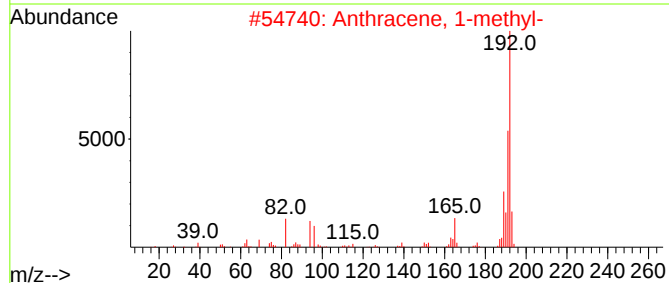
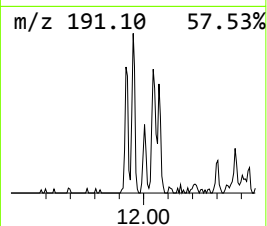
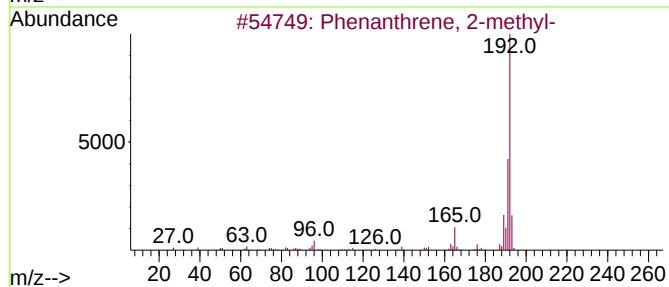
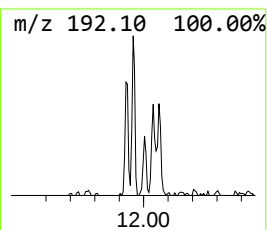
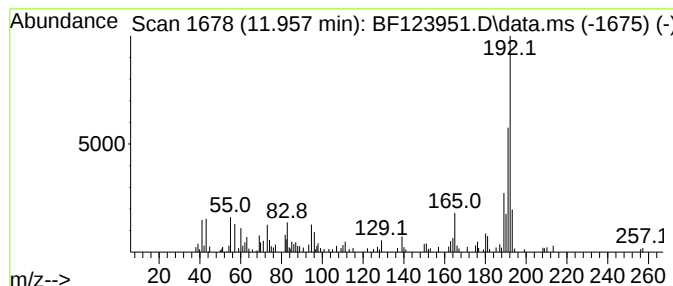
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	11.14 ng	164904	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

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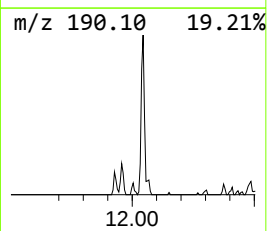
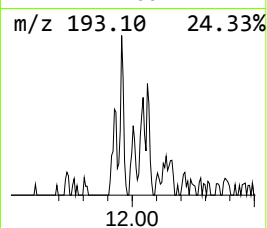
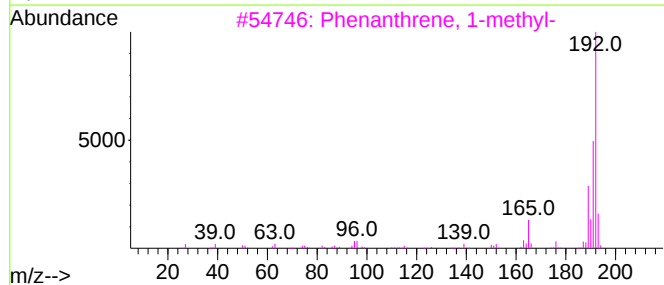
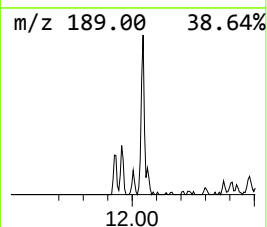
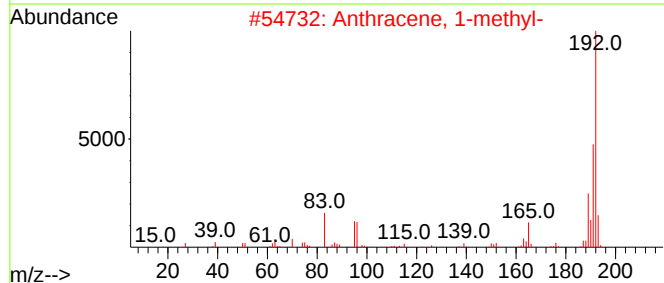
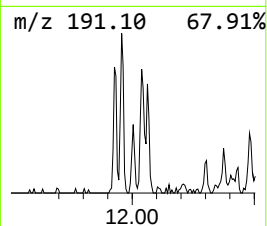
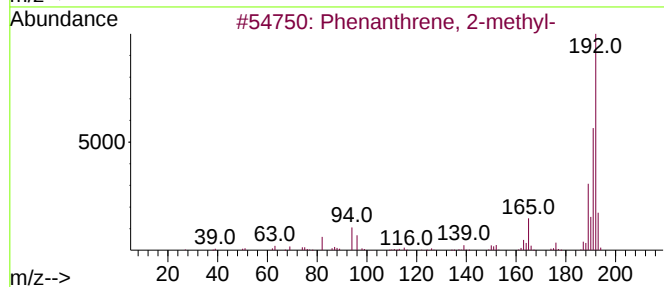
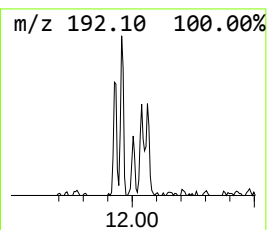
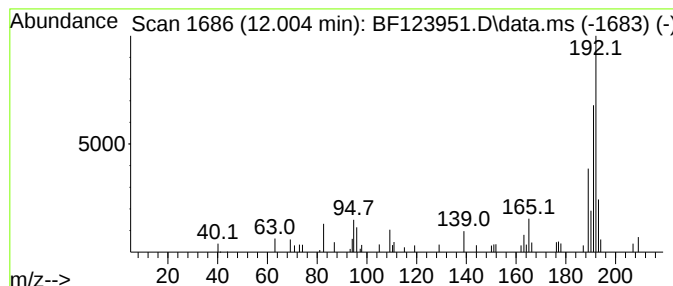
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	2.77 ng	41026	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
4			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	60
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
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ClientSampleId :
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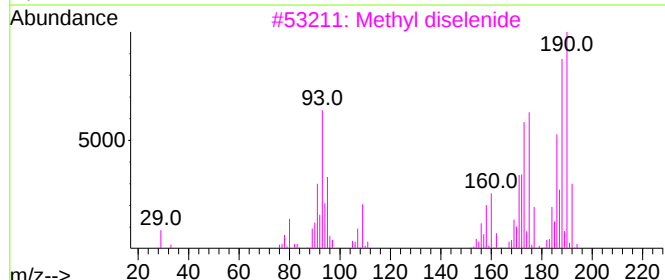
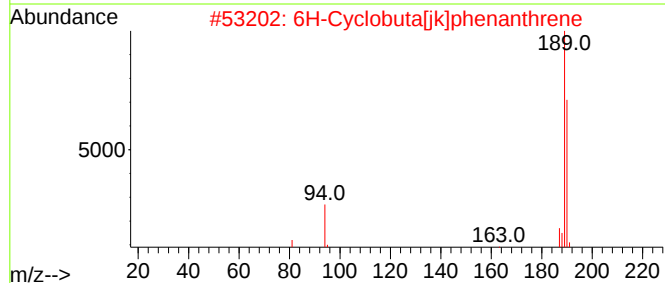
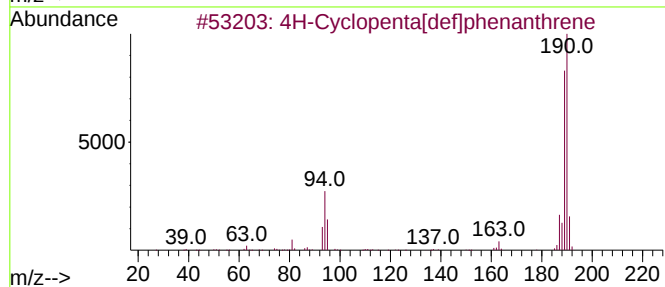
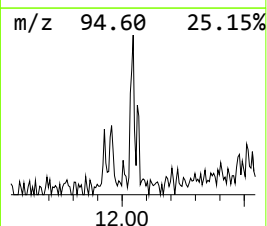
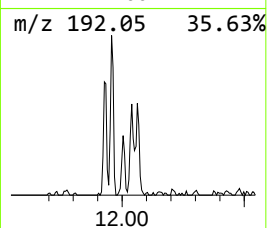
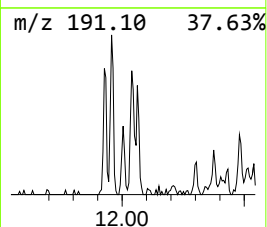
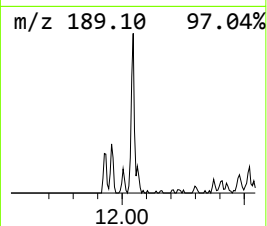
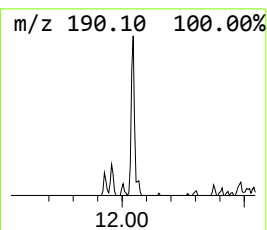
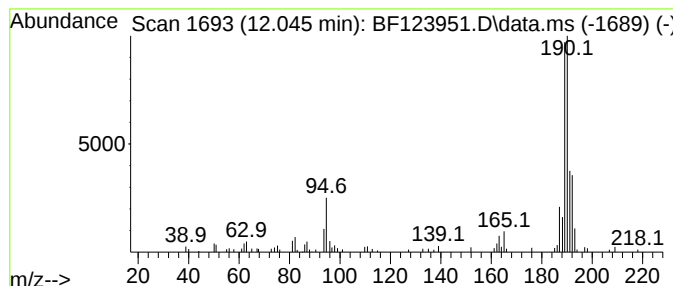
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.045	9.73 ng	144111	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45
3			Methyl diselenide	190	C2H6Se2	007101-31-7	38
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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Sample : M2392-17
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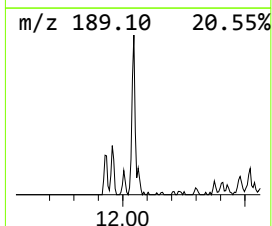
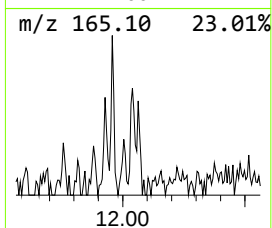
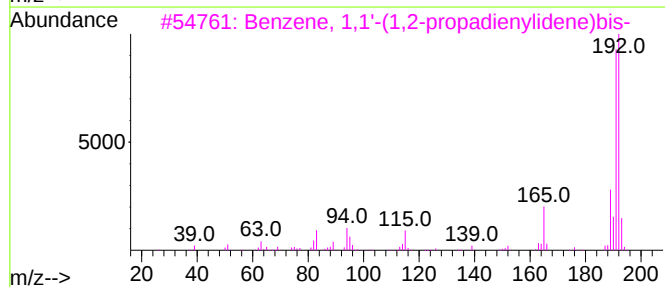
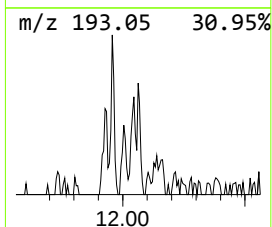
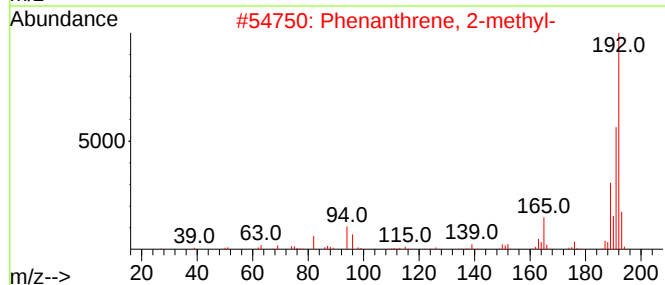
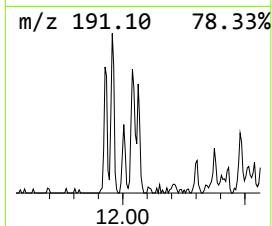
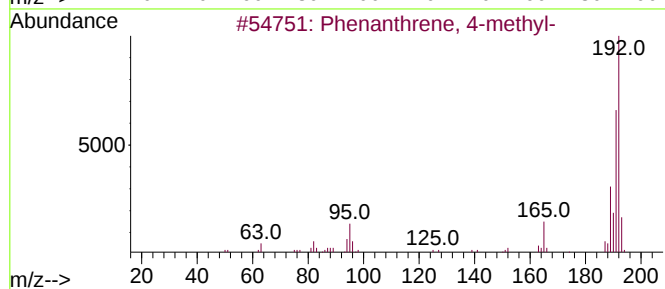
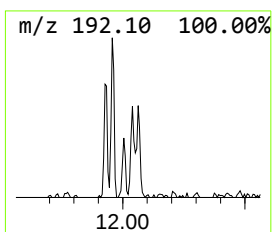
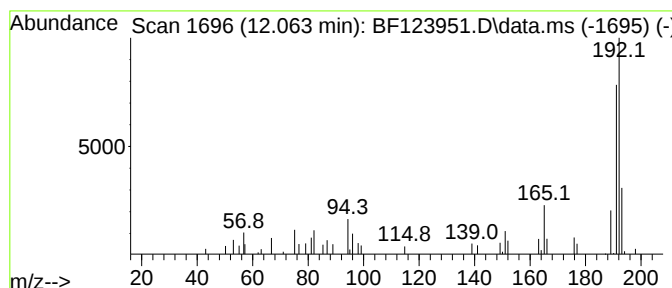
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,1'-(1,2-propadienylidene)bis- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.063	2.94 ng	43588	Phenanthrene-d10		11.428	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	87
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	83
3	Benzene, 1,1'-(1,2-propadienyli...		192	C15H12	014251-57-1	72
4	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	72
5	Anthracene, 1-methyl-		192	C15H12	000610-48-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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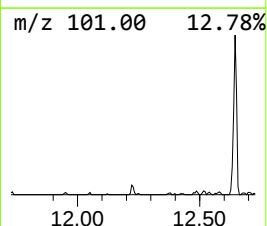
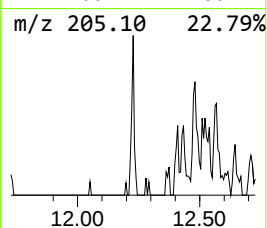
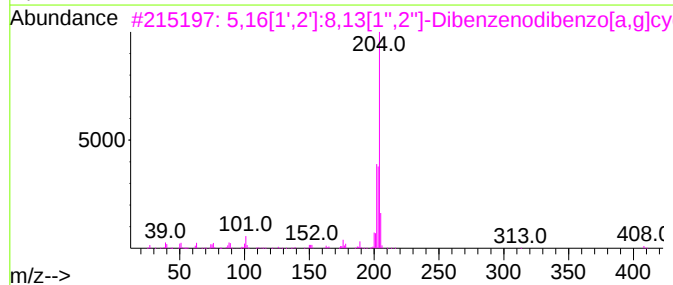
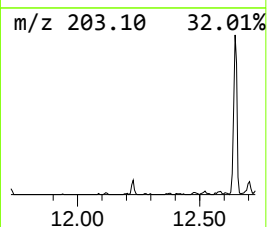
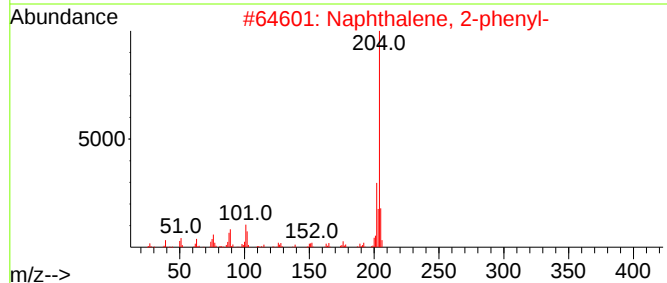
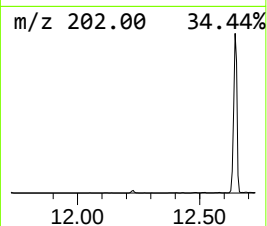
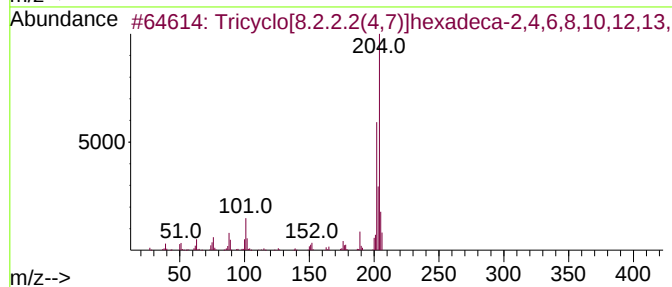
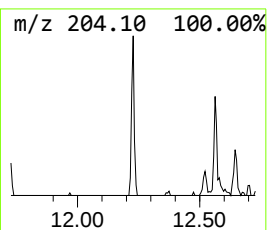
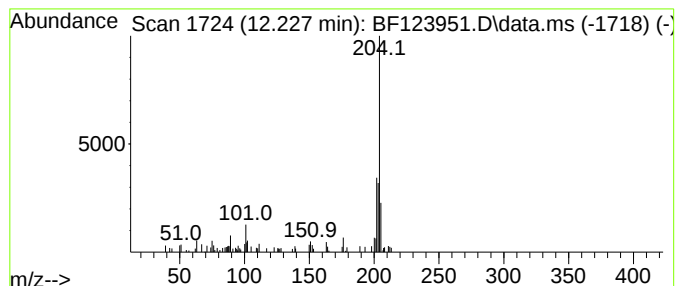
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	4.31 ng	63880	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	83
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
4			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	58
5			6-Cyanophenanthridine	204	C14H8N2	002176-28-5	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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ClientSampleId :
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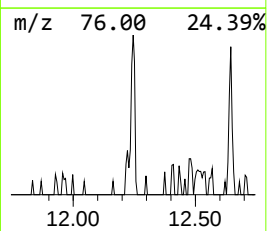
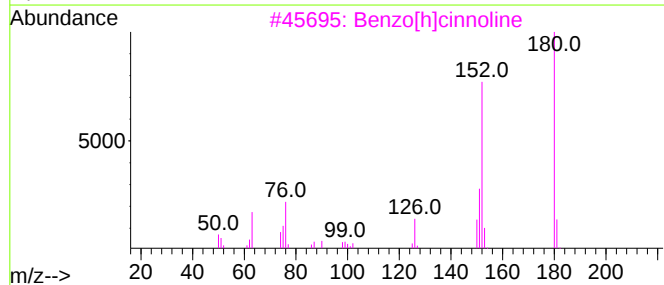
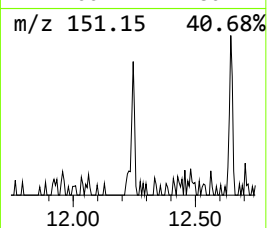
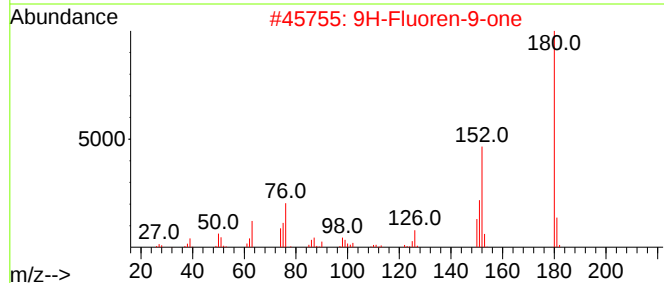
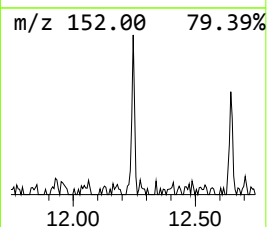
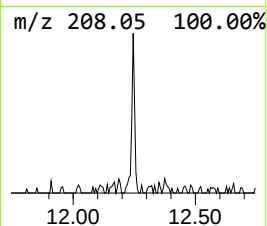
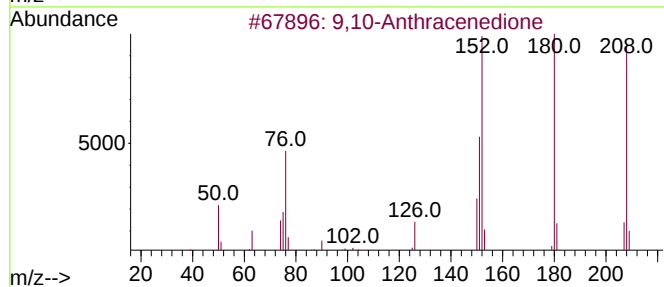
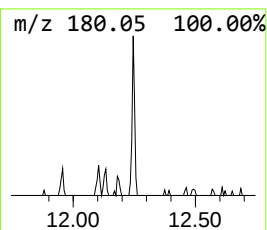
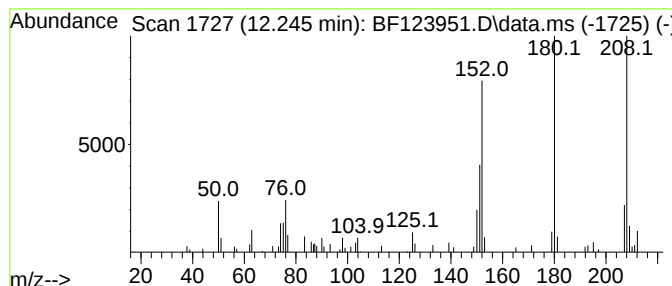
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.245	4.26 ng	63012	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
4			9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	50
5			5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
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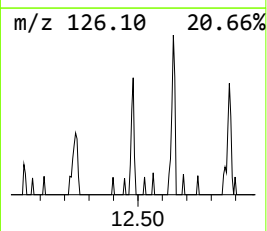
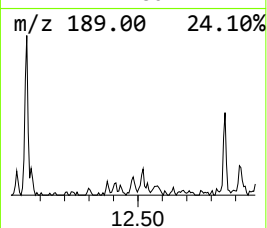
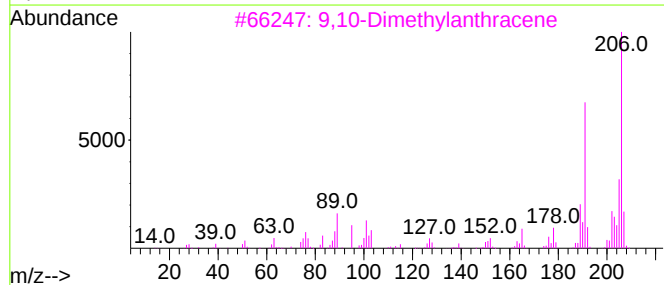
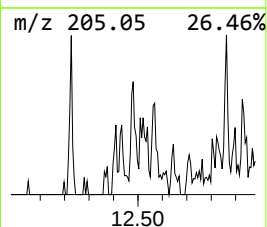
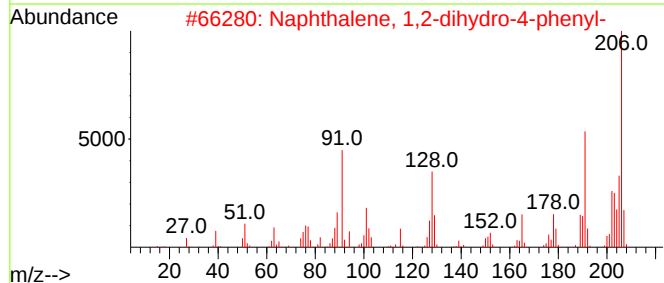
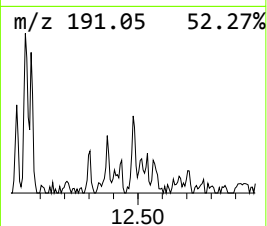
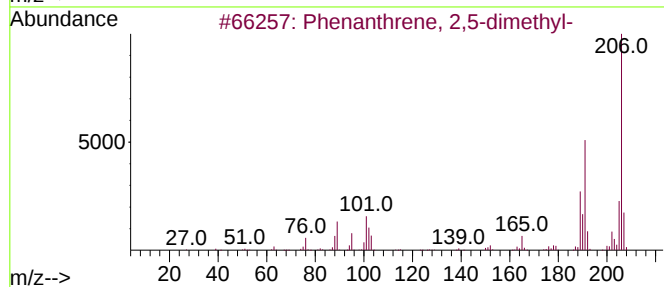
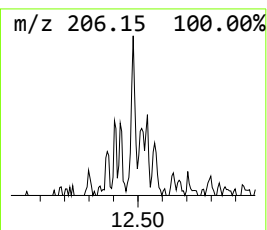
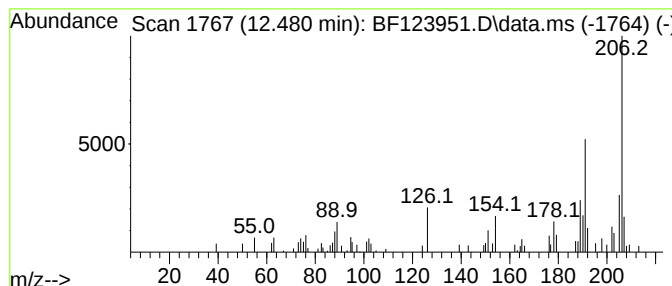
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	3.40 ng	50385	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	90
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

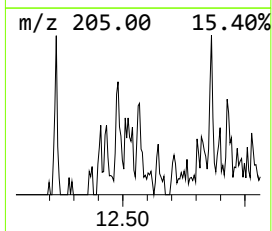
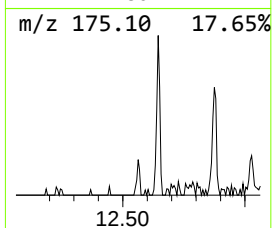
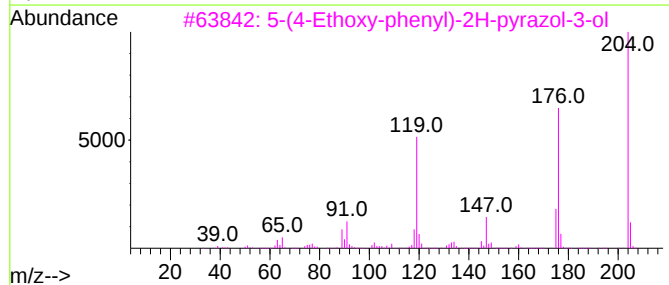
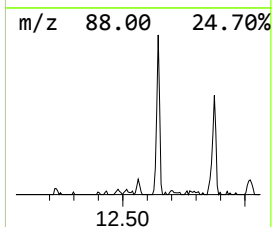
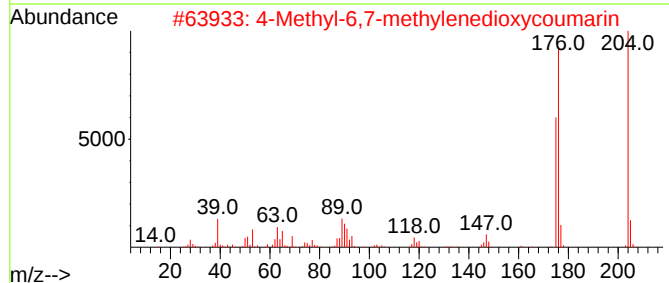
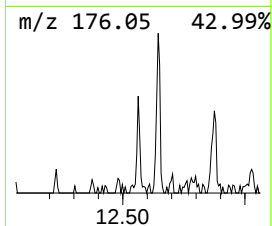
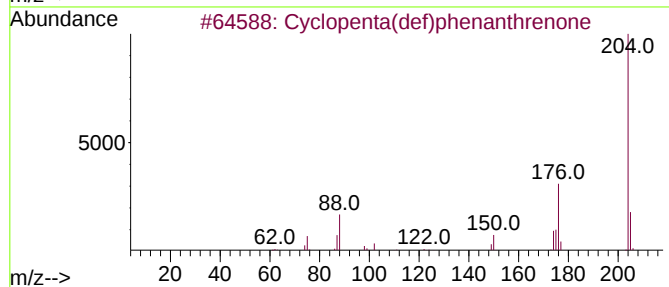
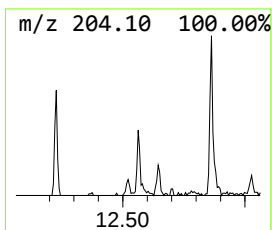
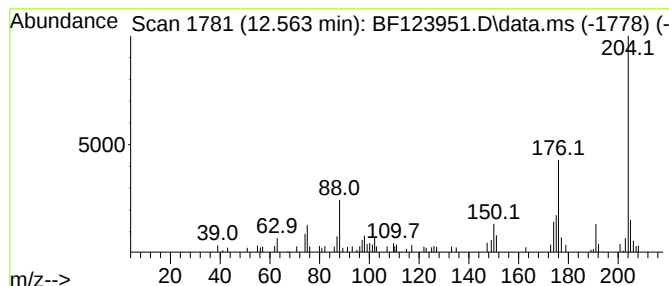
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ClientSampleId :
SB-06-COMP

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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 Cyclopenta(def)phenanthrenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.563	4.29 ng	63444	Phenanthrene-d10	11.428	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	4-Methyl-6,7-methylenedioxycoumarin	204	C11H8O4	015071-04-2	53
3	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
4	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

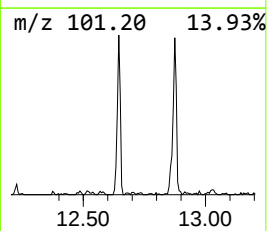
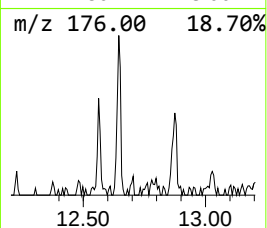
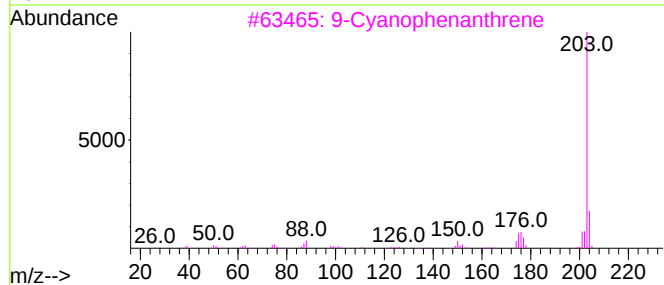
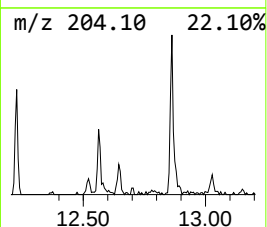
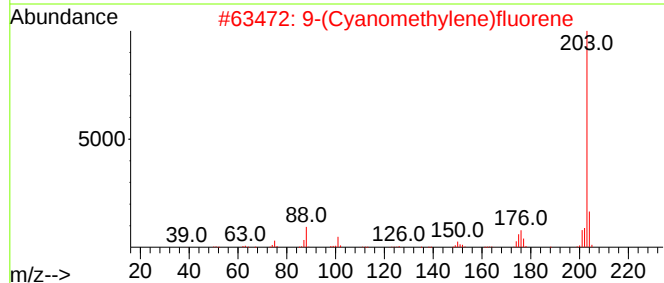
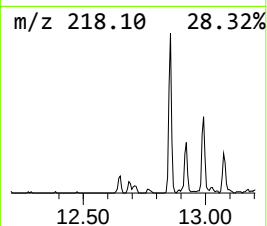
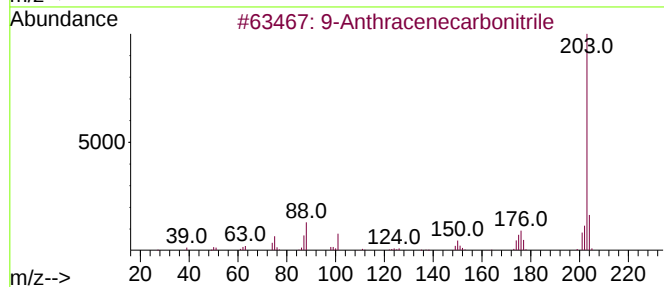
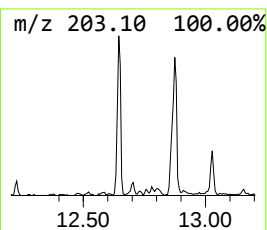
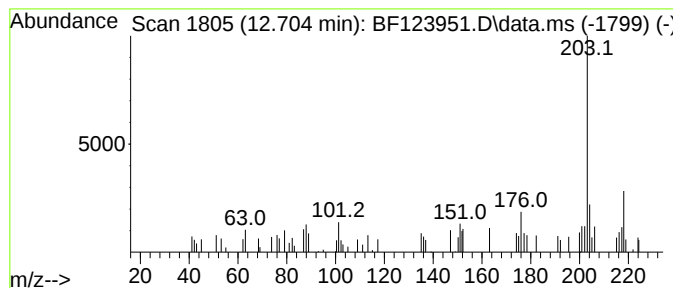
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9-Anthracenecarbonitrile Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.704	2.72 ng	40328	Phenanthrene-d10	11.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Anthracenecarbonitrile	203	C15H9N	001210-12-4	60
2			9-(Cyanomethylene)fluorene	203	C15H9N	004425-74-5	49
3			9-Cyanophenanthrene	203	C15H9N	002510-55-6	49
4			Ar-himachalen-2-ol	218	C15H22O	119660-66-1	47
5			N'-(9-Anthrylmethylene)-2-(2-bro...	446	C24H19BrN2O2	339108-22-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

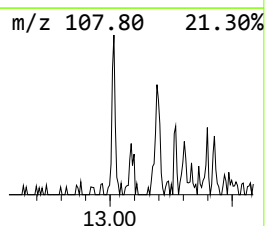
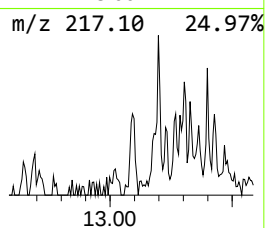
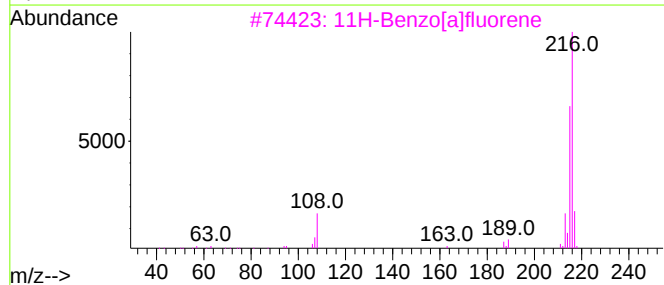
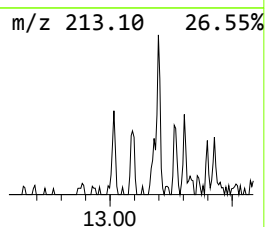
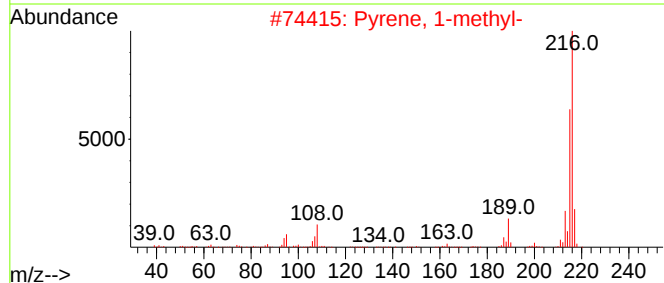
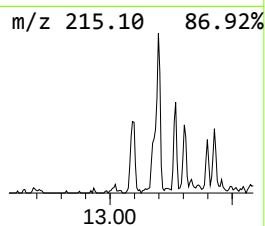
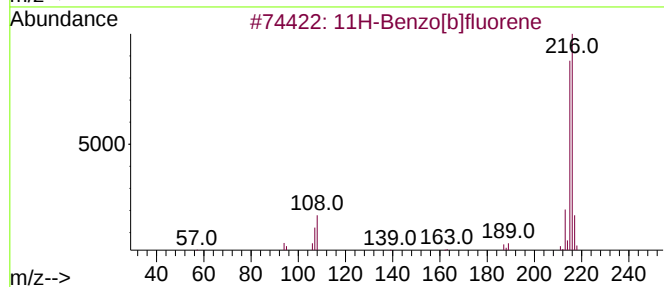
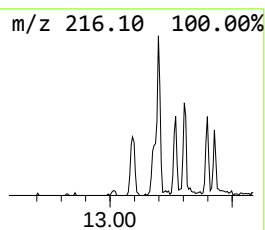
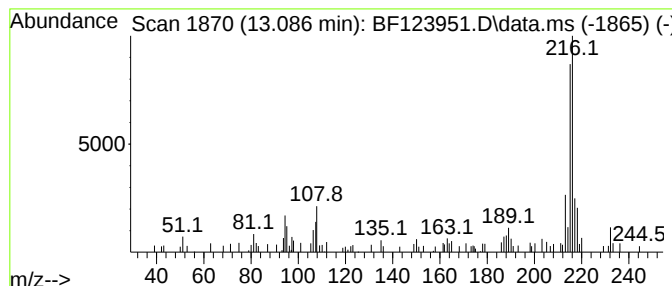
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.086	2.67 ng	116146	Chrysene-d12	14.074

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-06-COMP

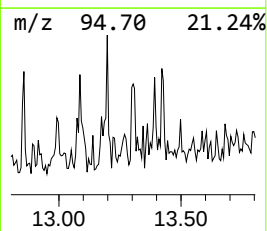
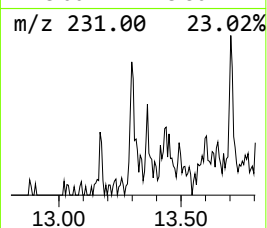
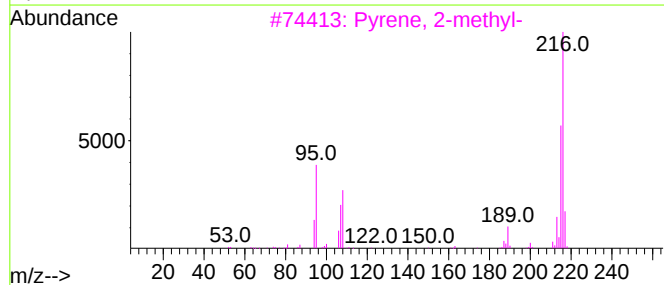
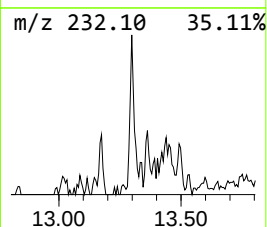
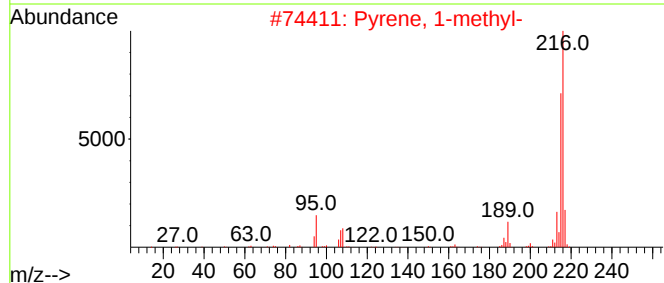
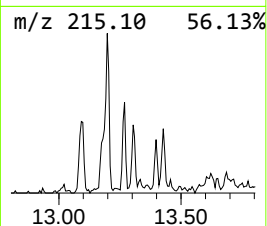
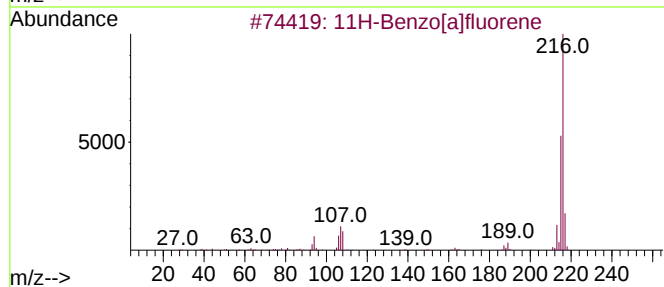
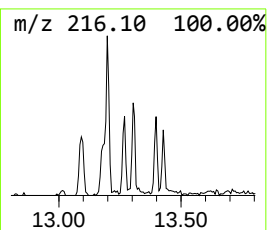
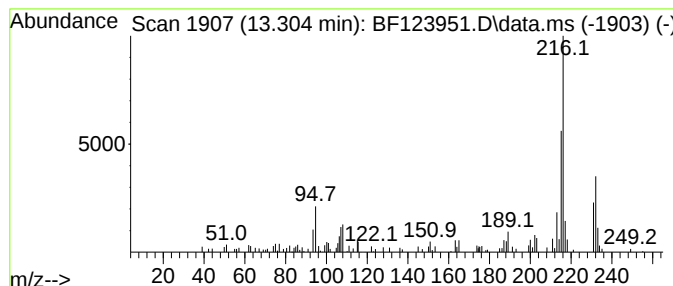
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.304	2.66 ng	115710	Chrysene-d12	14.074

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

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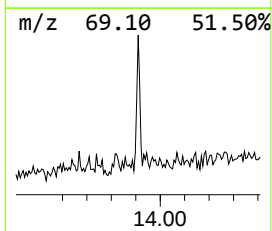
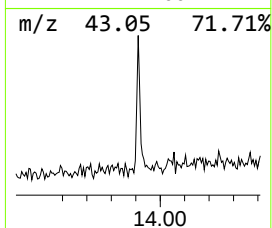
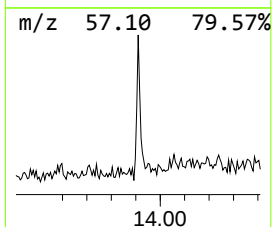
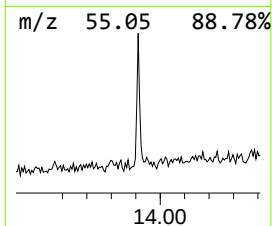
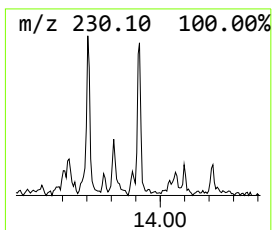
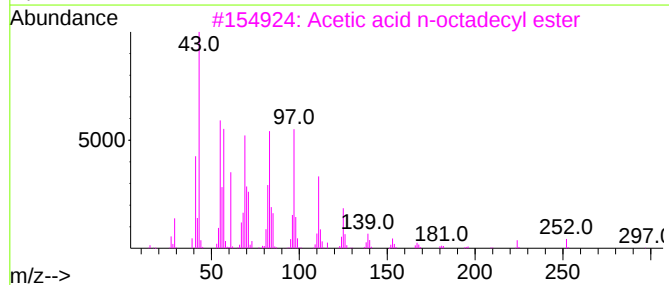
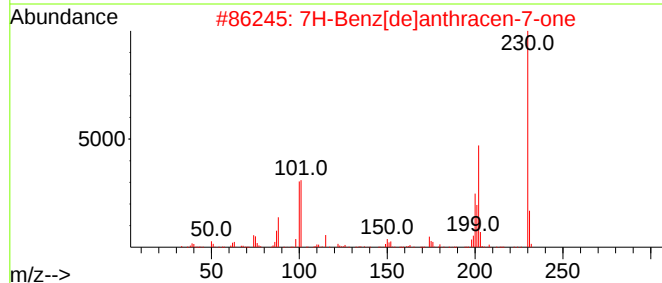
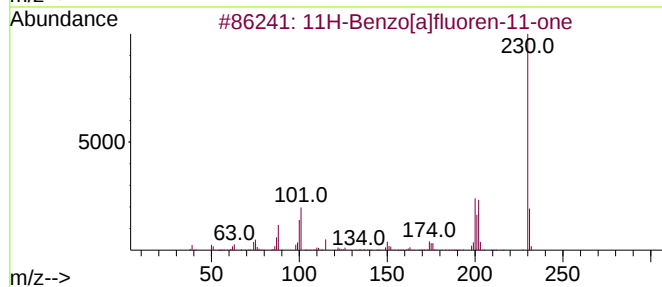
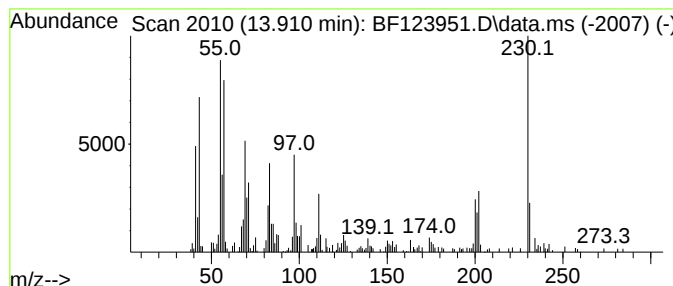
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.910	5.49 ng	238633	Chrysene-d12	14.074

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	90
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	45
3		Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	30
4		2-Chloro-9-xanthenone	230	C13H7ClO2	013210-15-6	30
5		Carbonic acid, hexadecyl isobuty...	342	C21H42O3	1000314-61-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

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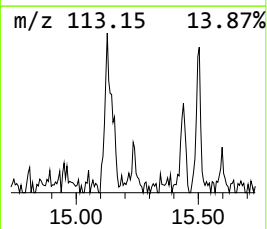
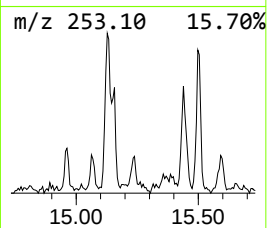
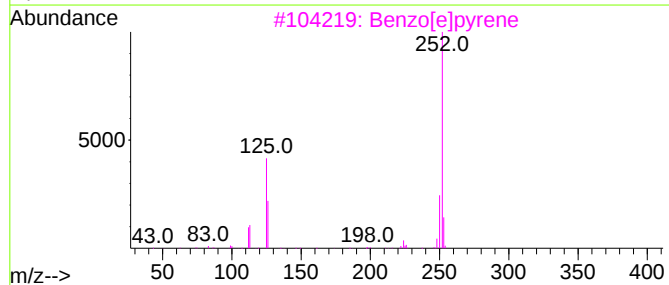
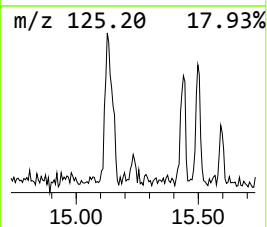
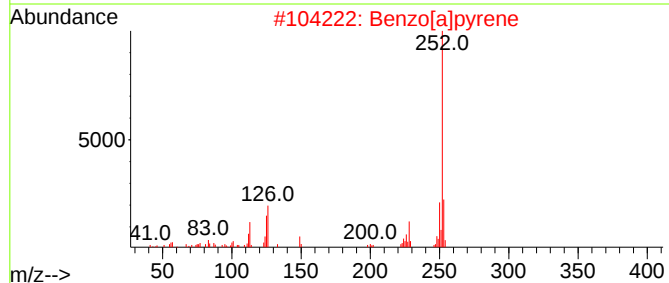
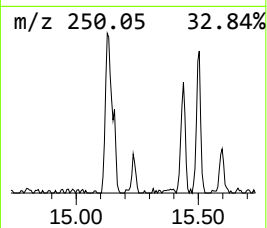
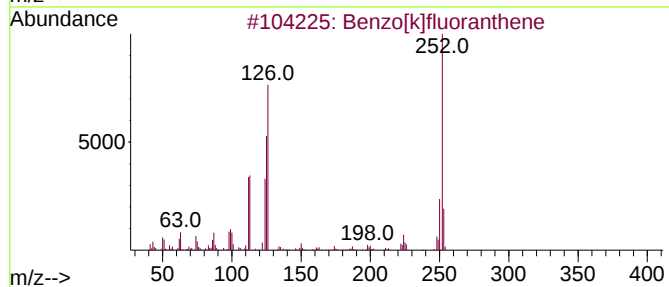
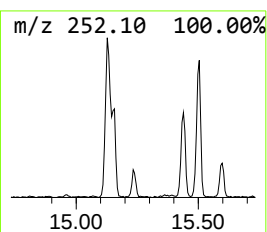
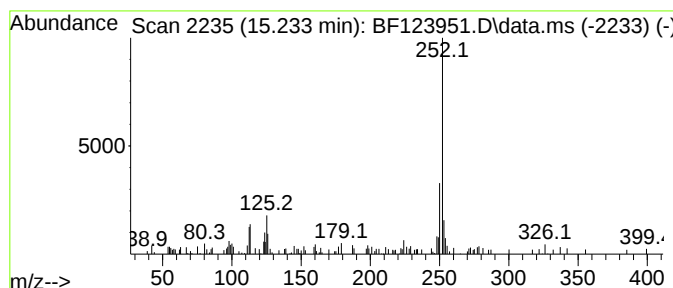
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	6.36 ng	61817	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	70
2			Benzo[a]pyrene	252	C20H12	000050-32-8	58
3			Benzo[e]pyrene	252	C20H12	000192-97-2	53
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	53
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

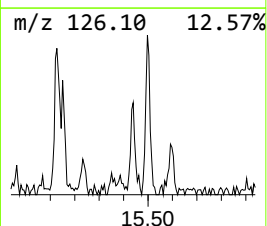
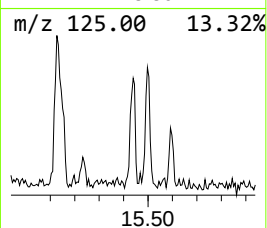
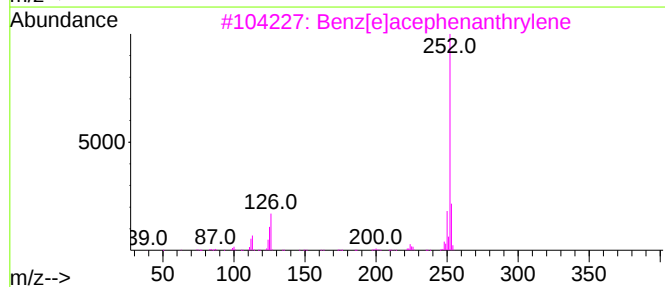
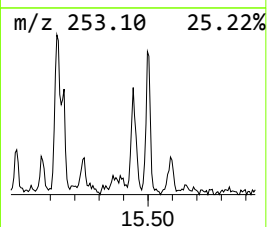
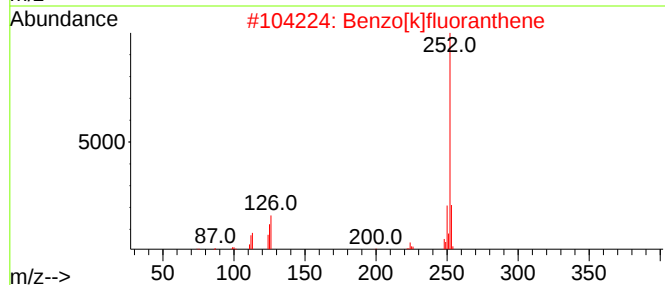
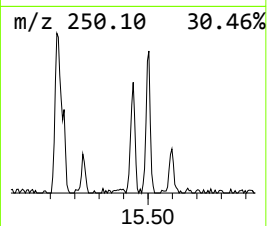
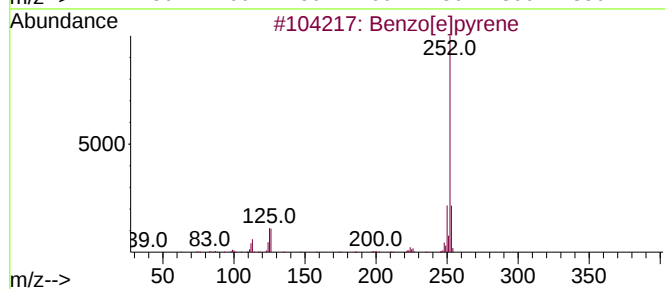
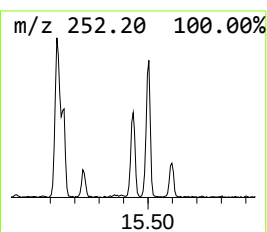
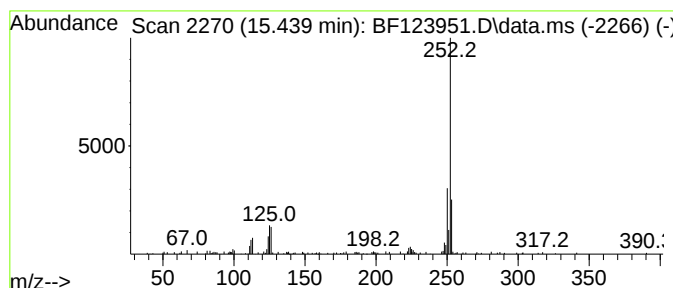
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.439	21.09 ng	204900	Perylene-d12	15.568

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4		Benzo[a]pyrene	252	C20H12	000050-32-8	92
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

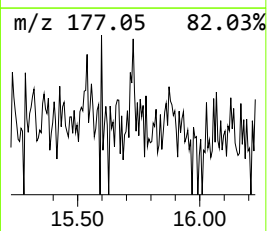
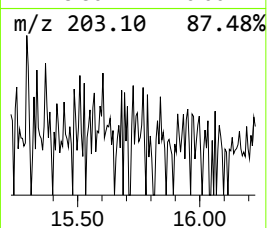
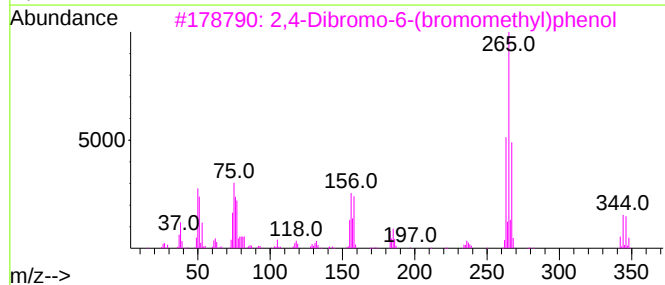
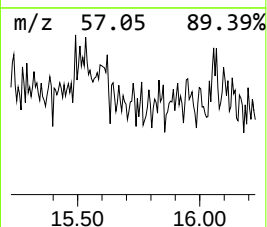
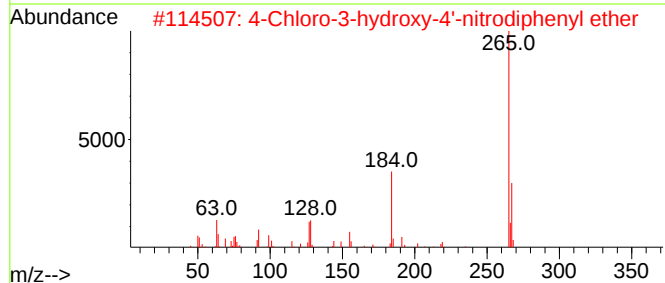
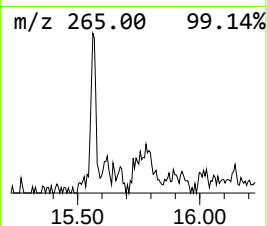
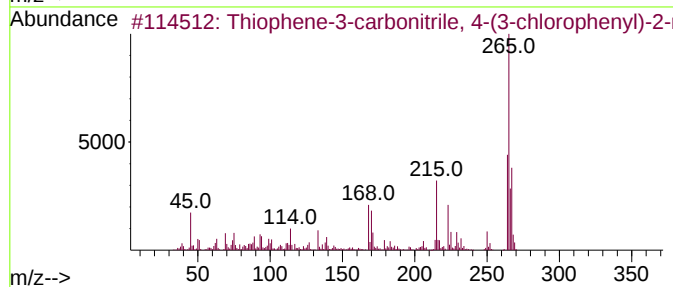
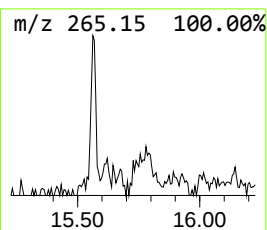
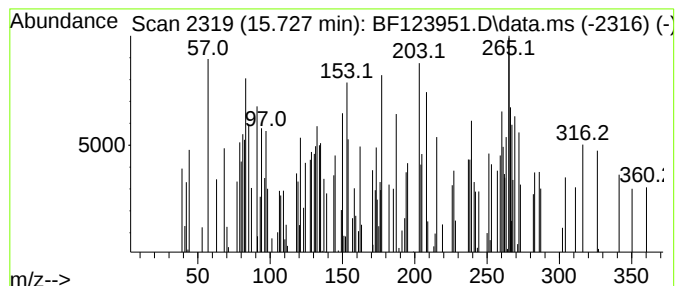
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown15.727 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.727	2.86 ng	27764	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene-3-carbonitrile, 4-(3-c...	265	C12H8ClNS2	116526-47-7	25
2			4-Chloro-3-hydroxy-4'-nitrodiphe...	265	C12H8ClNO4	1000110-34-3	22
3			2,4-Dibromo-6-(bromomethyl)phenol	342	C7H5Br3O	004186-54-3	16
4			Dimethyl 3-(2-thienyl)-4,5-isoxa...	267	C11H9NO5S	022353-88-4	14
5			4,7-Dichloro-1,3-dimethyl-1H-pyr...	265	C12H9Cl2N3	025627-94-5	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

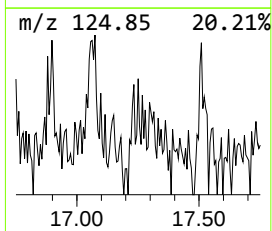
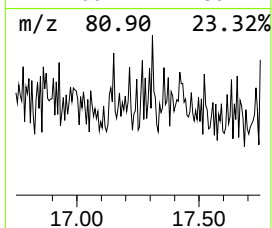
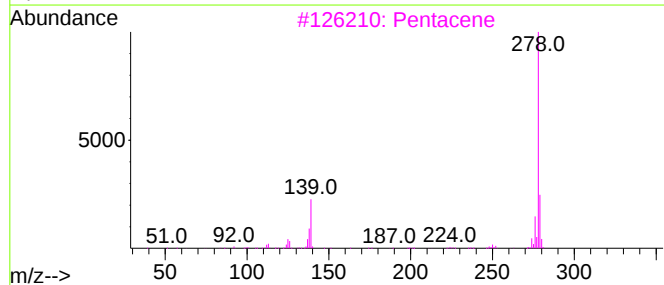
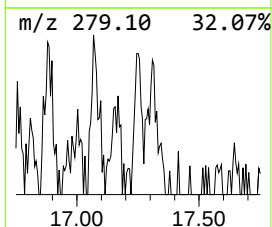
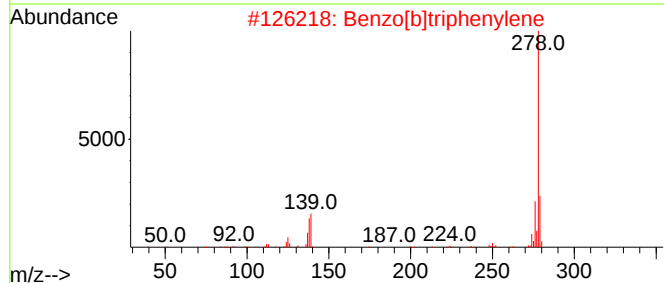
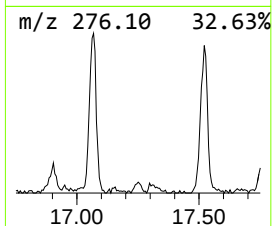
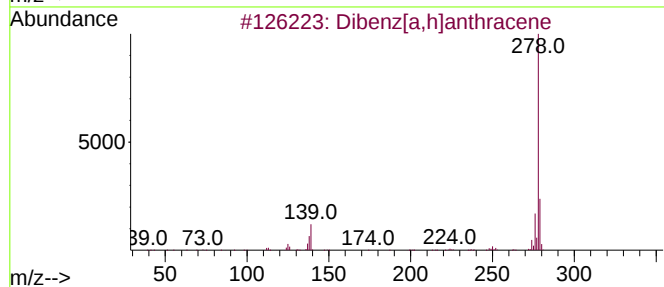
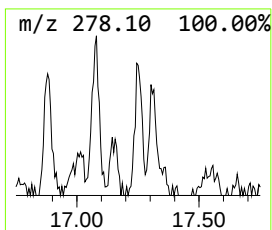
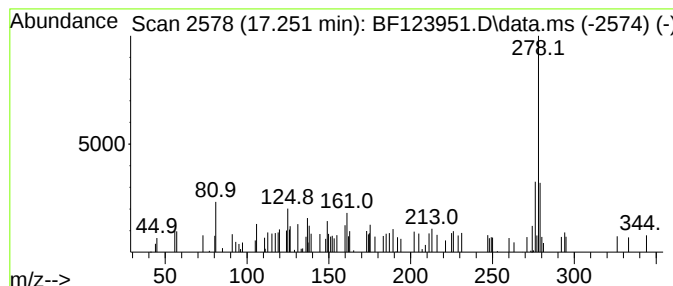
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.251 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.251	4.68 ng	45518	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	43
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	43
3			Pentacene	278	C22H14	000135-48-8	38
4			Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	38
5			SPIRO[1,3-DIOXOLO[4,5-G]ISOQUINO...	325	C19H19NO4	1000148-52-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123951.D
Acq On : 15 May 2021 18:23
Operator : JU/CG
Sample : M2392-17
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

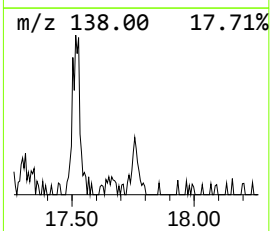
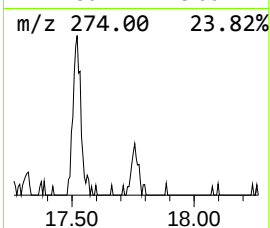
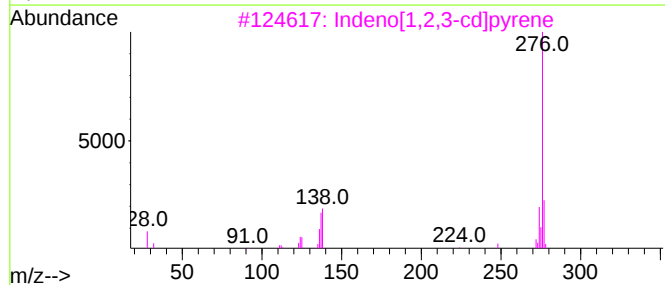
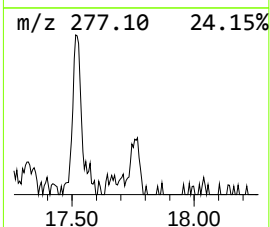
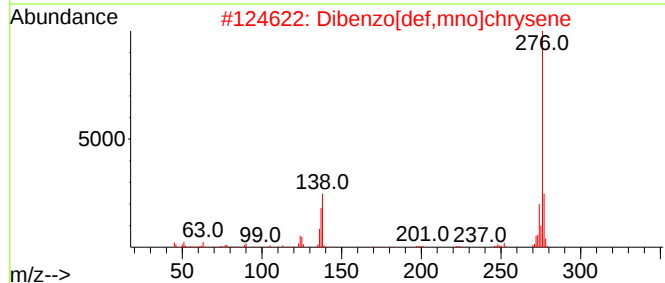
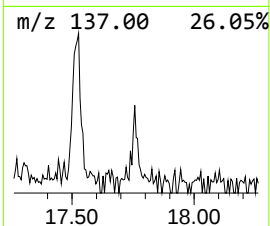
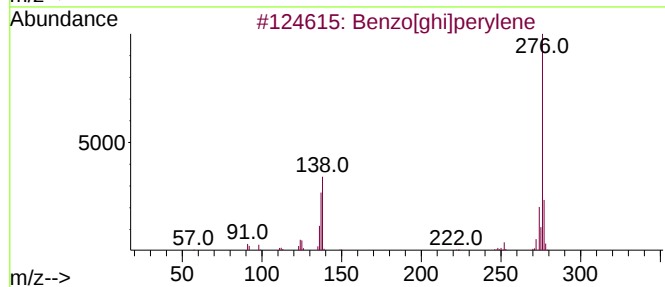
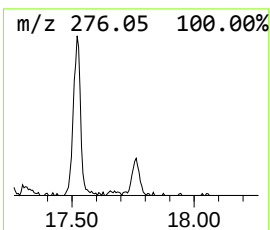
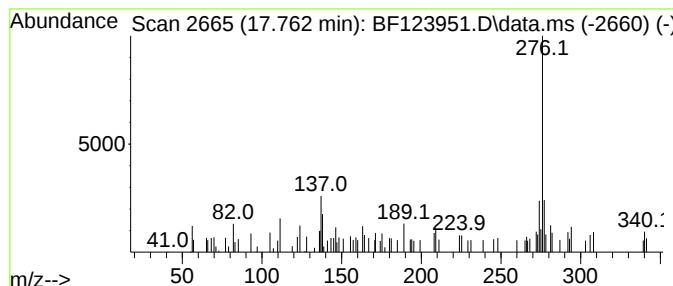
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown17.762 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.762	4.65 ng	45231	Perylene-d12	15.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[ghi]perylene	276	C22H12	000191-24-2	46
2			Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	46
3			Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	46
4			10H-Phenothiaphosphine, 10-hydro...	276	C14H13O2PS	054964-91-9	43
5			4-Amino-2-hydroxy-6-[2-naphthylt...	319	C18H13N3OS	052979-06-3	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123951.D
 Acq On : 15 May 2021 18:23
 Operator : JU/CG
 Sample : M2392-17
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.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-metho...	2.175	47.3	ng	638019	1	6.904	269537	20.0
unknown2.287	2.287	3.3	ng	45077	1	6.904	269537	20.0
Phenanthrene, 4...	11.927	4.6	ng	67727	4	11.428	296089	20.0
Phenanthrene, 2...	11.957	11.1	ng	164904	4	11.428	296089	20.0
Anthracene, 1-m...	12.004	2.8	ng	41026	4	11.428	296089	20.0
4H-Cyclopenta[d...	12.045	9.7	ng	144111	4	11.428	296089	20.0
Benzene, 1,1'-(...	12.063	2.9	ng	43588	4	11.428	296089	20.0
Tricyclo[8.2.2....	12.227	4.3	ng	63880	4	11.428	296089	20.0
9,10-Anthracene...	12.245	4.3	ng	63012	4	11.428	296089	20.0
Phenanthrene, 2...	12.480	3.4	ng	50385	4	11.428	296089	20.0
Cyclopenta(def)...	12.563	4.3	ng	63444	4	11.428	296089	20.0
9-Anthracenecar...	12.704	2.7	ng	40328	4	11.428	296089	20.0
11H-Benzo[b]flu...	13.086	2.7	ng	116146	5	14.074	868627	20.0
11H-Benzo[a]flu...	13.304	2.7	ng	115710	5	14.074	868627	20.0
11H-Benzo[a]flu...	13.910	5.5	ng	238633	5	14.074	868627	20.0
Benzo[e]pyrene	15.233	6.4	ng	61817	6	15.568	194352	20.0
Perylene	15.439	21.1	ng	204900	6	15.568	194352	20.0
unknown15.727	15.727	2.9	ng	27764	6	15.568	194352	20.0
unknown17.251	17.251	4.7	ng	45518	6	15.568	194352	20.0
unknown17.762	17.762	4.7	ng	45231	6	15.568	194352	20.0