

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124250.D
 Acq On : 11 Jun 2021 00:41
 Operator : JU/CG
 Sample : M2660-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-060921

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-BF060321.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF124250.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	573	577	585	rBV	958898	903442	33.60%	2.617%
2	6.493	744	749	752	rBV	1002468	887243	33.00%	2.570%
3	6.845	806	809	813	rVB	330364	254219	9.46%	0.736%
4	7.410	901	905	908	rBV	689954	612966	22.80%	1.776%
5	8.128	1021	1027	1029	rBV	380132	328708	12.23%	0.952%
6	8.151	1029	1031	1034	rVB	196856	140864	5.24%	0.408%
7	8.845	1146	1149	1151	rVB	180208	145413	5.41%	0.421%
8	8.945	1161	1166	1169	rVB	191635	179610	6.68%	0.520%
9	9.204	1206	1210	1213	rBV	1266109	1080368	40.18%	3.130%
10	9.475	1249	1256	1259	rBV	121215	176825	6.58%	0.512%
11	9.545	1265	1268	1270	rBV	215116	194123	7.22%	0.562%
12	9.569	1270	1272	1275	rVB	134009	101829	3.79%	0.295%
13	9.663	1284	1288	1290	rBV	105119	101950	3.79%	0.295%
14	9.745	1299	1302	1306	rVB	205565	174537	6.49%	0.506%
15	9.886	1323	1326	1329	rVB	441120	352866	13.12%	1.022%
16	9.922	1329	1332	1335	rVB	477401	376653	14.01%	1.091%
17	9.992	1340	1344	1348	rBV3	53033	65417	2.43%	0.189%
18	10.045	1348	1353	1356	rBV4	49096	74250	2.76%	0.215%
19	10.092	1356	1361	1364	rVB	401949	370178	13.77%	1.072%
20	10.128	1364	1367	1370	rBV2	88821	81286	3.02%	0.235%
21	10.204	1376	1380	1382	rBV2	92255	102936	3.83%	0.298%
22	10.292	1391	1395	1397	rBV4	67037	79835	2.97%	0.231%
23	10.310	1397	1398	1401	rVB	118141	90196	3.35%	0.261%
24	10.439	1416	1420	1424	rVB	676867	659312	24.52%	1.910%
25	10.592	1443	1446	1449	rVB	154960	143208	5.33%	0.415%
26	10.681	1457	1461	1464	rVB	809640	797199	29.65%	2.309%
27	10.786	1476	1479	1484	rVB3	121990	173720	6.46%	0.503%
28	10.981	1506	1512	1515	rBV2	165341	220183	8.19%	0.638%
29	11.010	1515	1517	1520	rVV2	91344	88942	3.31%	0.258%
30	11.069	1524	1527	1529	rVV2	77254	76174	2.83%	0.221%
31	11.110	1529	1534	1536	rVV2	92632	108070	4.02%	0.313%
32	11.133	1536	1538	1544	rVV2	87212	107252	3.99%	0.311%
33	11.233	1550	1555	1558	rVV2	136707	185154	6.89%	0.536%
34	11.269	1558	1561	1567	rVB	244096	255154	9.49%	0.739%
35	11.380	1576	1580	1581	rBV	285187	323777	12.04%	0.938%
36	11.410	1581	1585	1588	rVV	2663073	2512506	93.45%	7.278%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.457	1590	1593	1595	rVV	820255	648485	24.12%	1.878%
38	11.486	1595	1598	1600	rVB3	71336	72819	2.71%	0.211%
39	11.604	1614	1618	1621	rBV2	153667	172470	6.42%	0.500%
40	11.663	1625	1628	1633	rVV3	108211	128228	4.77%	0.371%
41	11.704	1633	1635	1641	rVV2	86330	95748	3.56%	0.277%
42	11.763	1641	1645	1647	rVV4	58448	67476	2.51%	0.195%
43	11.880	1659	1665	1667	rBV	299071	325811	12.12%	0.944%
44	11.904	1667	1669	1673	rVB	470625	410537	15.27%	1.189%
45	11.951	1674	1677	1680	rBV	164802	153419	5.71%	0.444%
46	11.992	1680	1684	1686	rVV	604006	608108	22.62%	1.762%
47	12.010	1686	1687	1691	rVB	209322	154709	5.75%	0.448%
48	12.069	1696	1697	1701	rVB3	77910	78756	2.93%	0.228%
49	12.169	1711	1714	1717	rVV	202712	187281	6.97%	0.543%
50	12.204	1717	1720	1723	rVB	104410	88636	3.30%	0.257%
51	12.351	1742	1745	1747	rBV2	89916	72007	2.68%	0.209%
52	12.427	1753	1758	1760	rBV	183866	205009	7.63%	0.594%
53	12.451	1760	1762	1764	rBV2	210221	208893	7.77%	0.605%
54	12.522	1770	1774	1778	rVB4	89286	117848	4.38%	0.341%
55	12.604	1782	1788	1791	rBV	2481361	2688536	100.00%	7.788%
56	12.686	1799	1802	1805	rVB	101488	99490	3.70%	0.288%
57	12.745	1805	1812	1814	rBV2	117453	175276	6.52%	0.508%
58	12.780	1815	1818	1820	rVB2	76060	78400	2.92%	0.227%
59	12.833	1820	1827	1831	rBV	2188128	2608447	97.02%	7.556%
60	12.869	1831	1833	1837	rVB2	122114	125373	4.66%	0.363%
61	12.963	1841	1849	1851	rBV2	912804	962651	35.81%	2.789%
62	13.039	1857	1862	1865	rBV3	156302	270962	10.08%	0.785%
63	13.127	1873	1877	1878	rBV4	145672	176760	6.57%	0.512%
64	13.151	1878	1881	1884	rVB	491176	433239	16.11%	1.255%
65	13.186	1884	1887	1889	rBV3	62622	72623	2.70%	0.210%
66	13.216	1889	1892	1895	rVV	468904	384479	14.30%	1.114%
67	13.251	1895	1898	1901	rVV2	215826	268171	9.97%	0.777%
68	13.345	1910	1914	1917	rBV	125671	113896	4.24%	0.330%
69	13.380	1917	1920	1922	rBV2	108548	110210	4.10%	0.319%
70	13.457	1929	1933	1938	rVB	520547	455234	16.93%	1.319%
71	13.527	1941	1945	1948	rVV3	78582	136874	5.09%	0.396%
72	13.574	1951	1953	1960	rVB2	82708	103030	3.83%	0.298%
73	13.633	1960	1963	1965	rBV2	72721	87138	3.24%	0.252%
74	13.663	1965	1968	1972	rVB2	107063	128112	4.77%	0.371%
75	13.769	1983	1986	1988	rBV	189109	167105	6.22%	0.484%
76	13.798	1988	1991	1993	rVV	196135	167715	6.24%	0.486%

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77	13.822	1993	1995	1999	rVV2	155539	210156	7.82%	0.609%
78	13.869	2000	2003	2010	rVB3	135126	189745	7.06%	0.550%
79	14.021	2022	2029	2032	rBV2	1151167	1735809	64.56%	5.028%
80	14.057	2032	2035	2041	rVB	1127413	999469	37.18%	2.895%
81	14.133	2045	2048	2051	rBV	188795	183917	6.84%	0.533%
82	14.169	2051	2054	2057	rBV3	129206	147491	5.49%	0.427%
83	14.251	2064	2068	2071	rVV2	82860	108173	4.02%	0.313%
84	14.369	2085	2088	2090	rVV3	97130	106872	3.98%	0.310%
85	14.410	2090	2095	2098	rVV	253434	295590	10.99%	0.856%
86	14.445	2098	2101	2104	rVV	116336	139933	5.20%	0.405%
87	14.480	2105	2107	2110	rVV3	91628	125246	4.66%	0.363%
88	14.504	2110	2111	2114	rVV	125079	113432	4.22%	0.329%
89	14.533	2114	2116	2118	rVV2	133753	132068	4.91%	0.383%
90	14.557	2118	2120	2123	rVB	159014	123382	4.59%	0.357%
91	14.786	2156	2159	2165	rVB	431078	440512	16.38%	1.276%
92	15.080	2203	2209	2212	rBV	628957	1045627	38.89%	3.029%
93	15.180	2224	2226	2229	rVB	123883	114493	4.26%	0.332%
94	15.386	2257	2261	2267	rVB	289533	386252	14.37%	1.119%
95	15.451	2267	2272	2276	rVV	526308	622989	23.17%	1.805%
96	15.510	2278	2282	2285	rVV2	205891	285635	10.62%	0.827%
97	15.539	2285	2287	2295	rVB	160545	209129	7.78%	0.606%
98	16.998	2530	2535	2541	rVB2	181764	319929	11.90%	0.927%
99	17.457	2607	2613	2622	rVB2	129649	276574	10.29%	0.801%
100	17.692	2649	2653	2660	rVB5	40467	72896	2.71%	0.211%

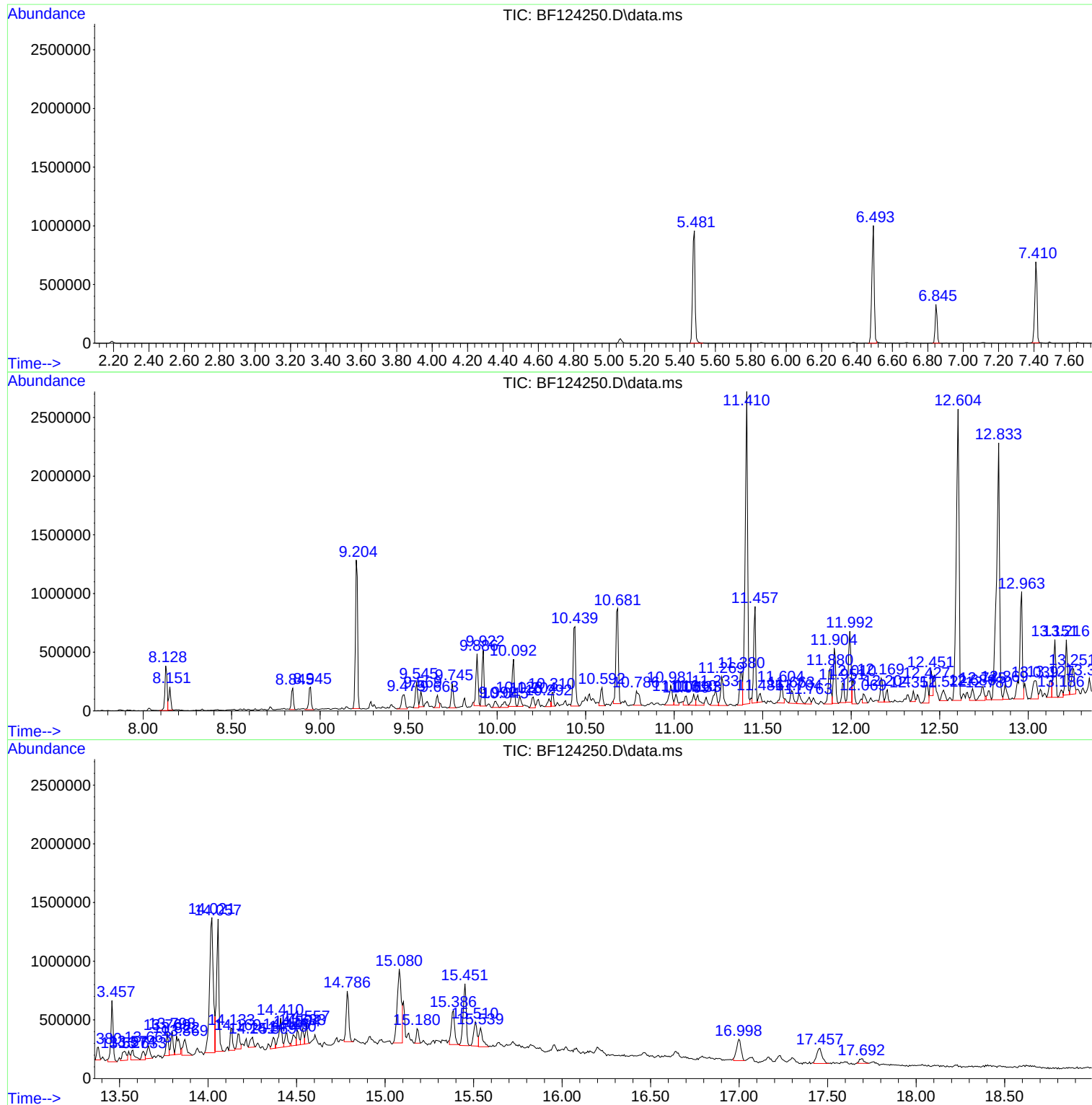
Sum of corrected areas: 34521645

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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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Instrument :
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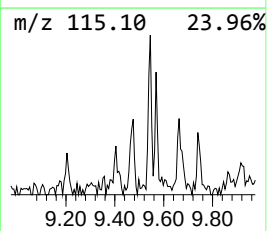
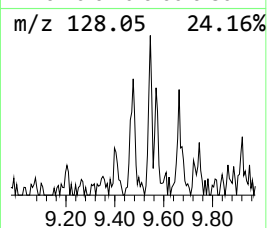
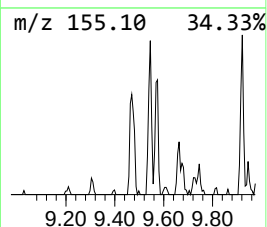
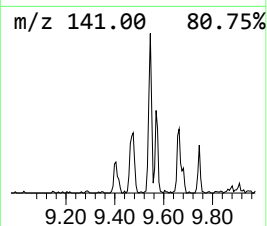
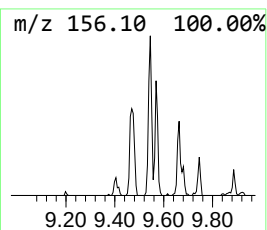
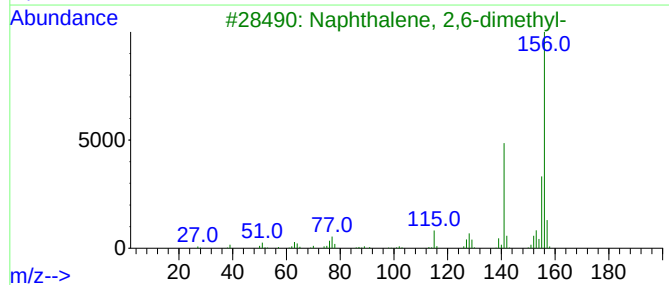
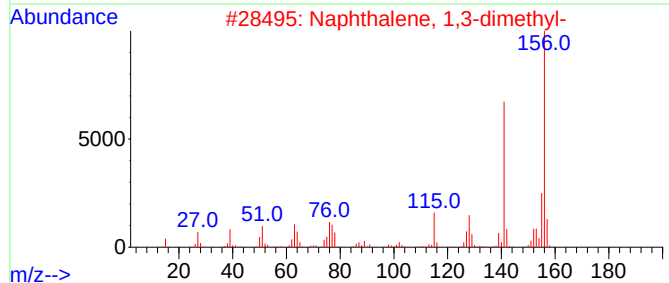
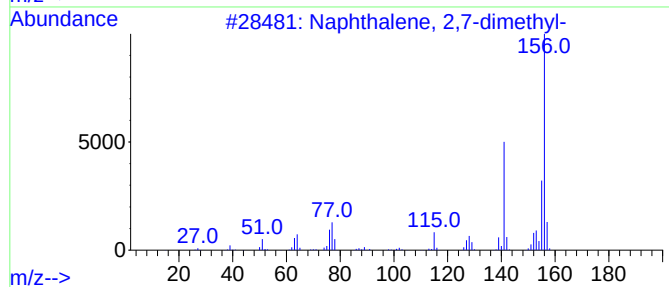
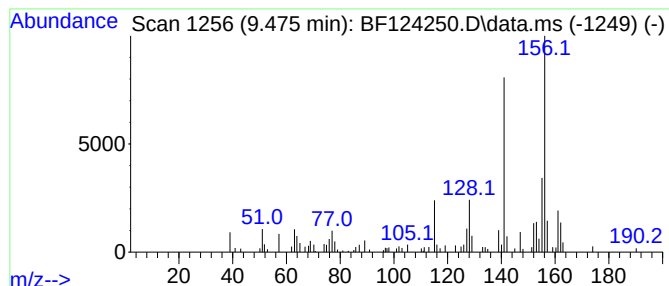
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	10.02 ng	176825	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	90
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	90
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	89



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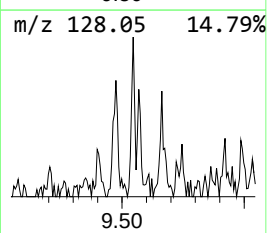
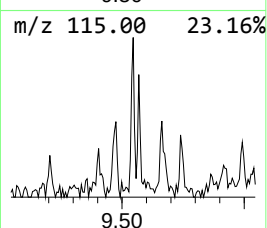
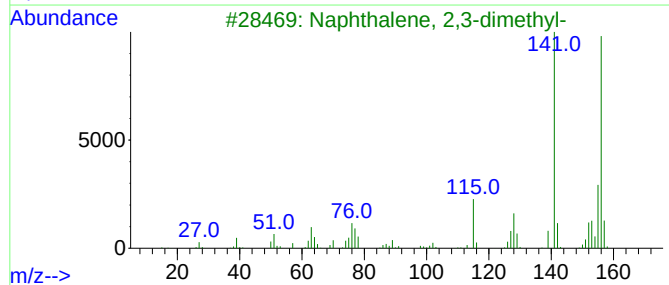
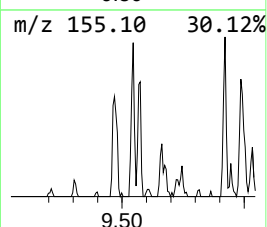
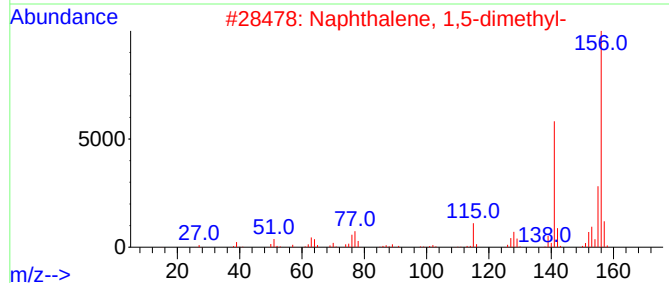
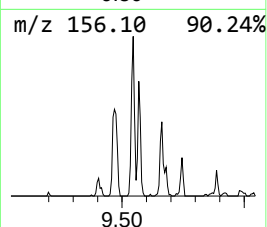
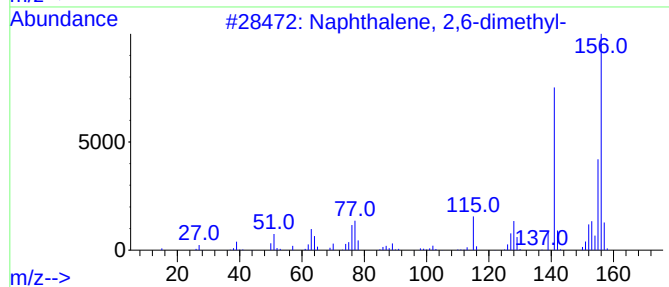
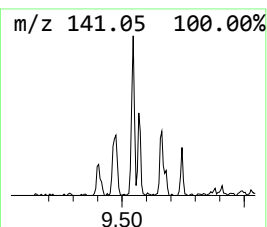
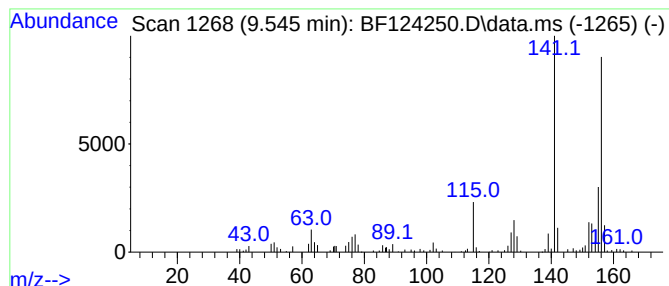
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	11.00 ng	194123	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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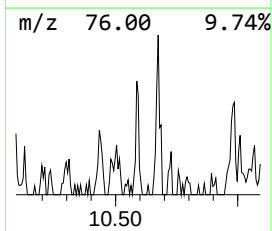
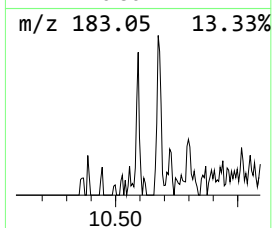
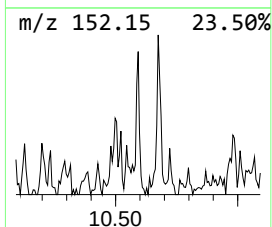
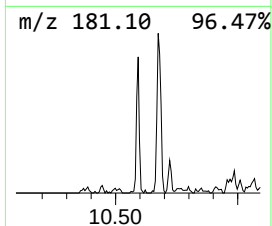
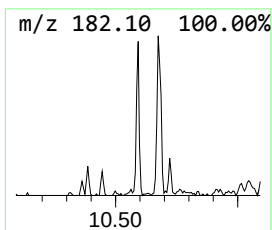
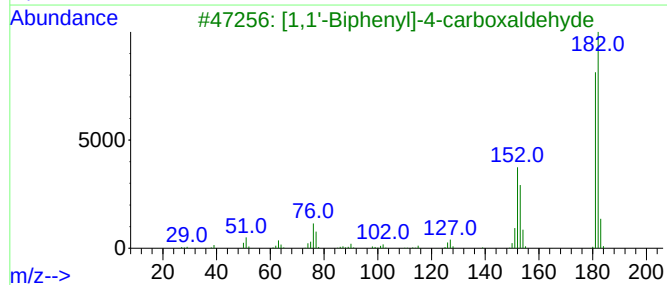
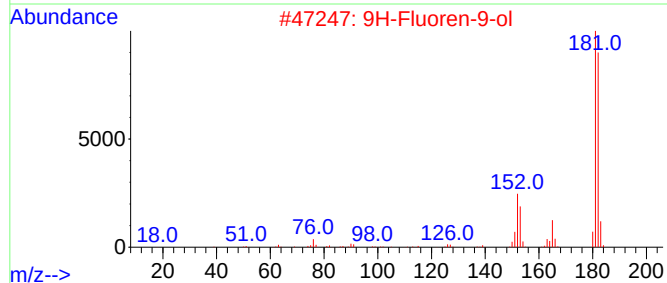
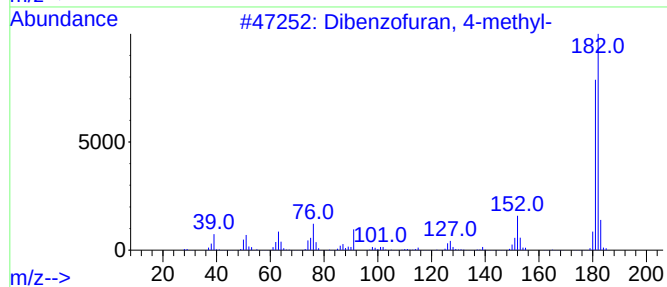
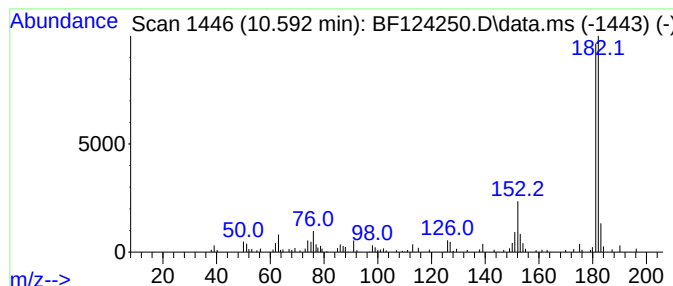
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.592	8.12 ng	143208	Acenaphthene-d10	9.886

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	80
4			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
5			Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	64



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Operator : JU/CG
Sample : M2660-01
Misc :
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Instrument :
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ClientSampleId :
OR-03-060921

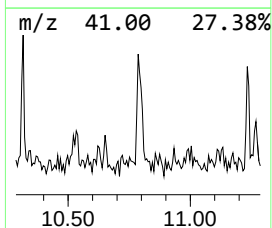
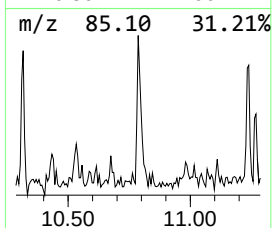
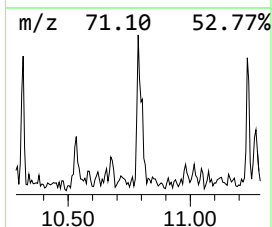
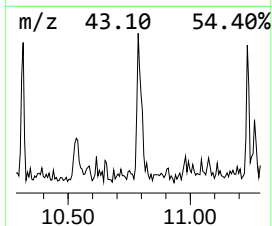
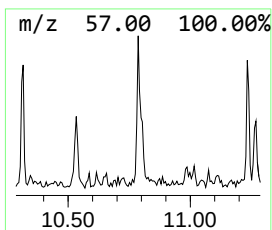
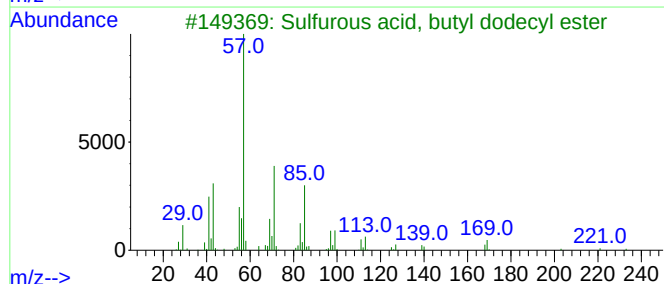
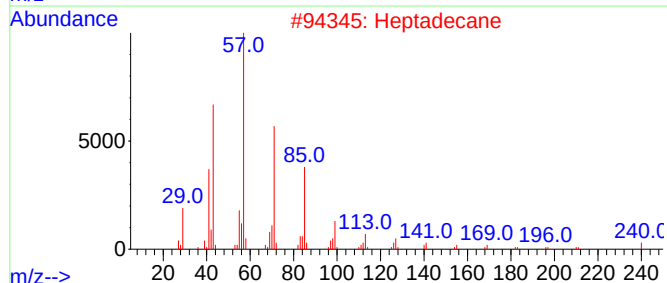
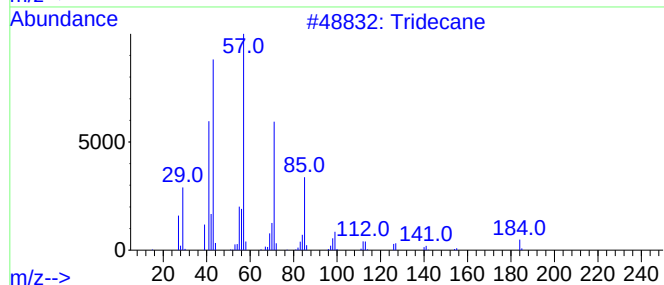
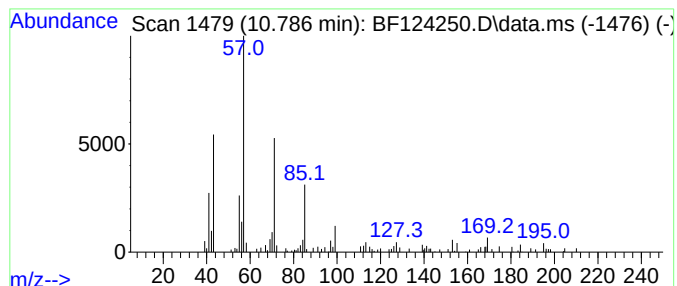
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	10.73 ng	173720	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Heptadecane	240	C17H36	000629-78-7	80
3			Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	80
4			1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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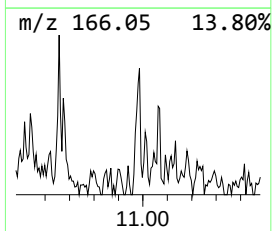
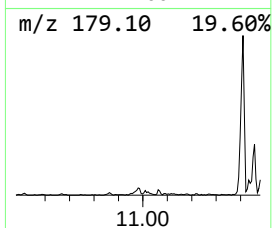
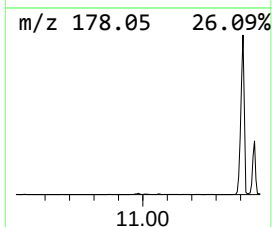
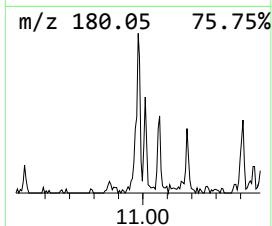
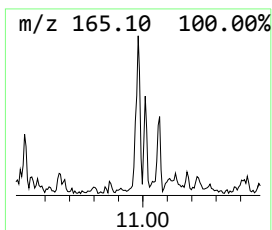
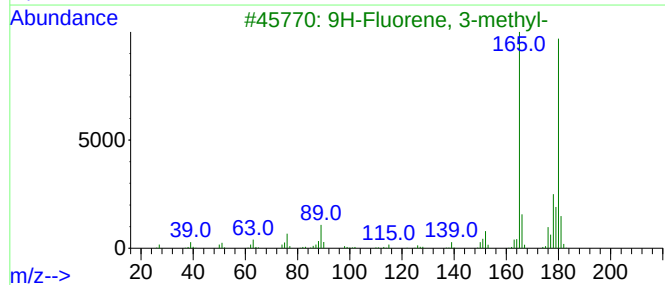
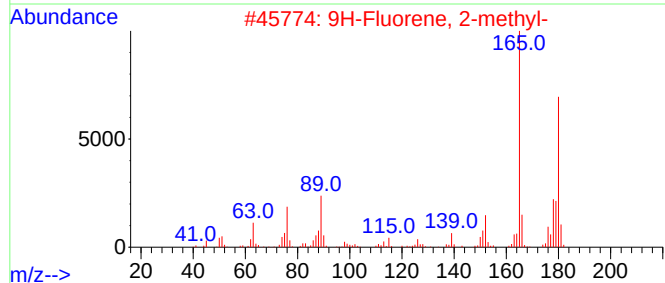
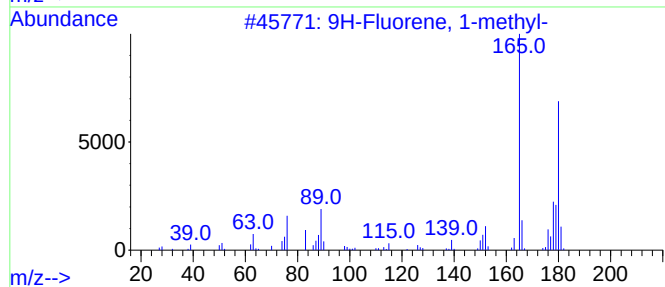
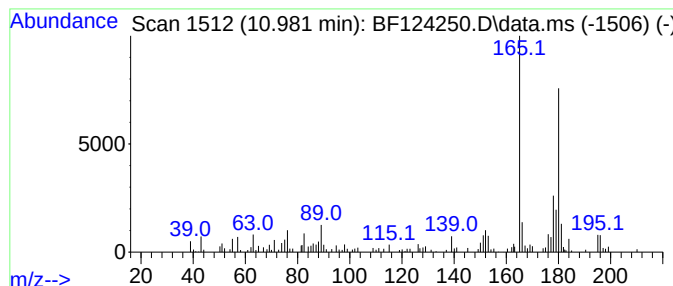
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 9H-Fluorene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	13.60 ng	220183	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87
5			Benzenethiol, 4-(1,1-dimethyleth...	180	C11H16S	015570-10-2	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124250.D
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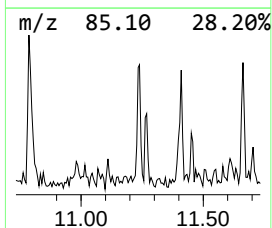
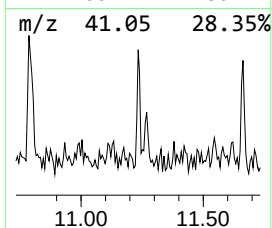
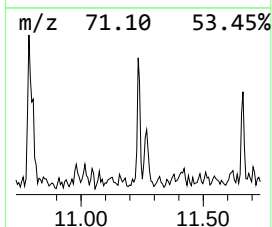
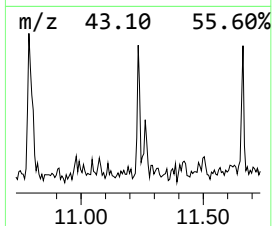
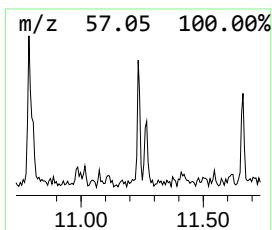
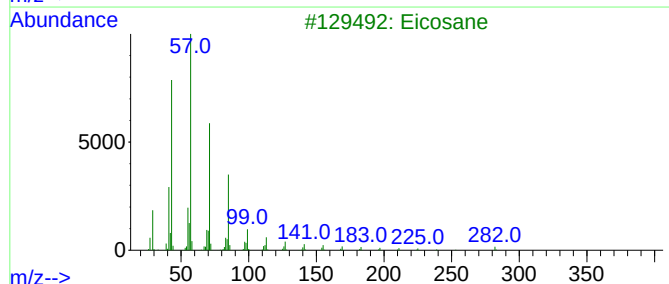
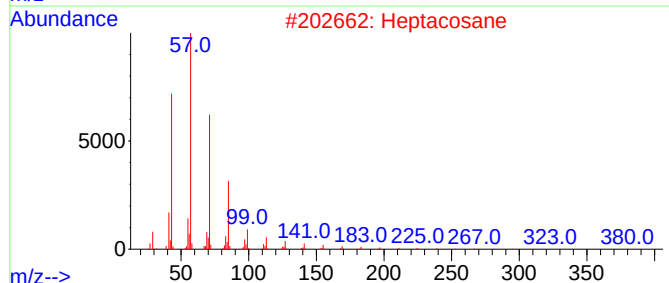
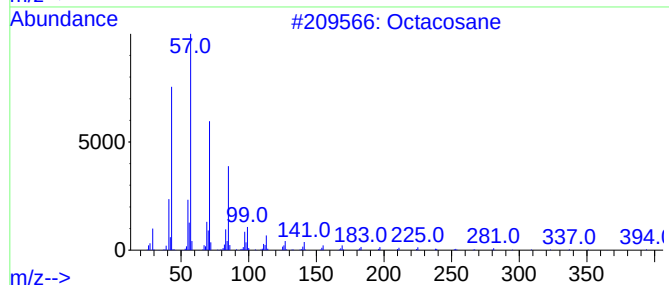
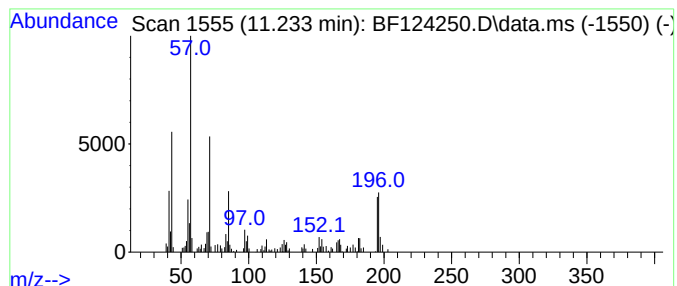
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	11.44 ng	185154	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	60
2			Heptacosane	380	C27H56	000593-49-7	46
3			Eicosane	282	C20H42	000112-95-8	46
4			Pentadecane	212	C15H32	000629-62-9	45
5			Decane	142	C10H22	000124-18-5	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Misc :
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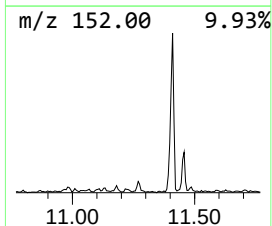
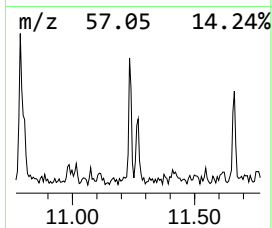
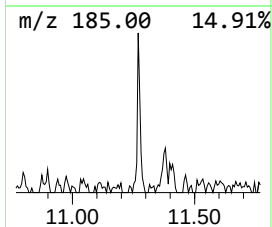
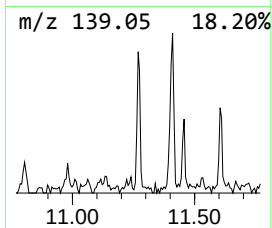
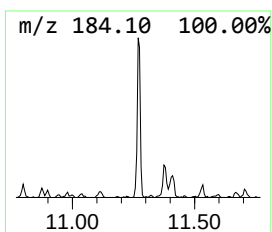
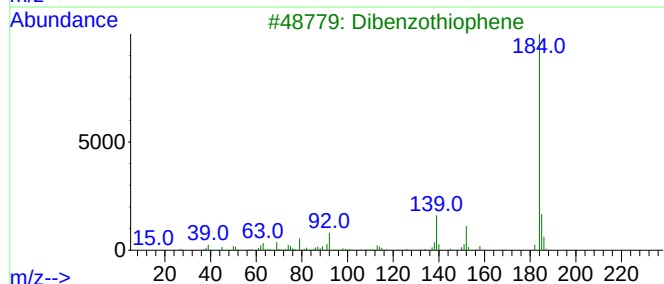
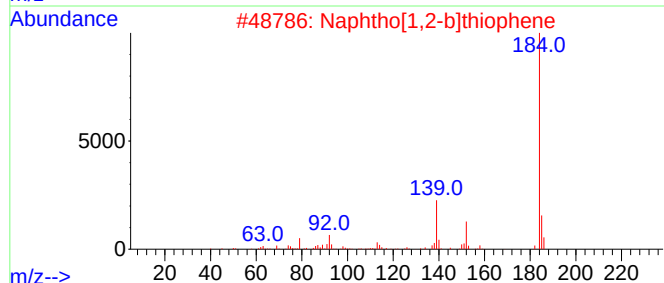
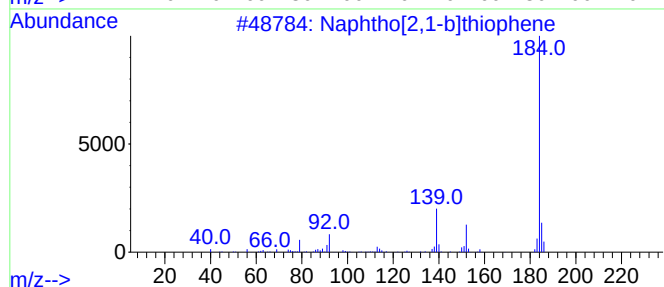
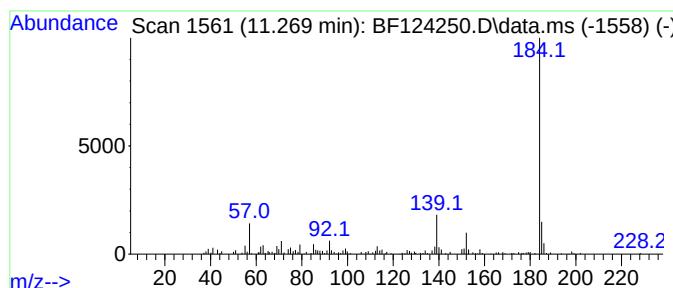
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.269	15.76 ng	255154	Phenanthrene-d10	11.375	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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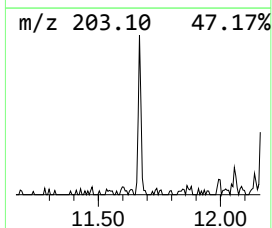
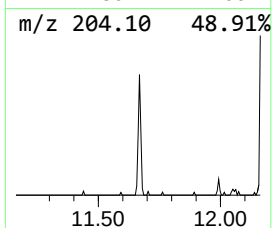
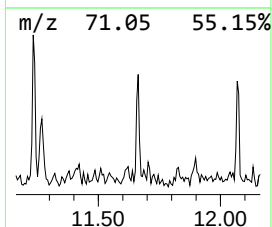
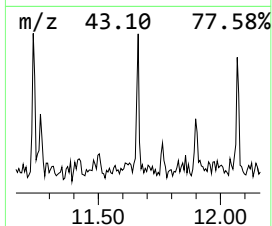
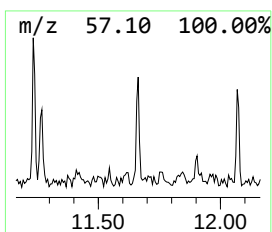
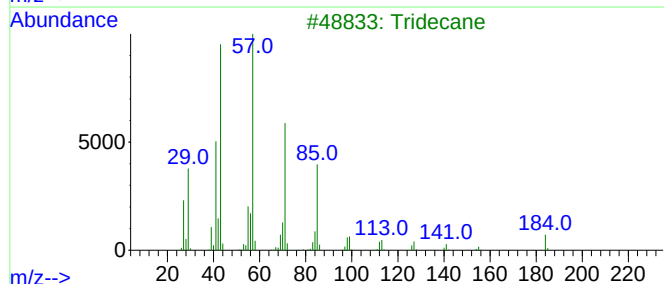
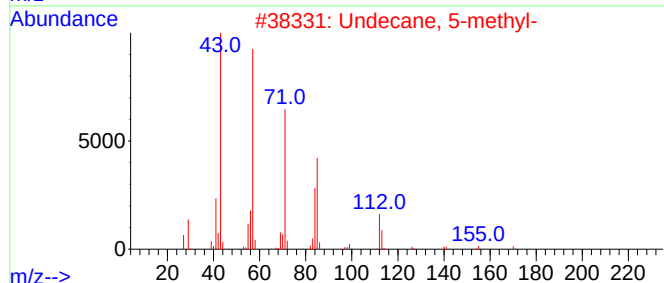
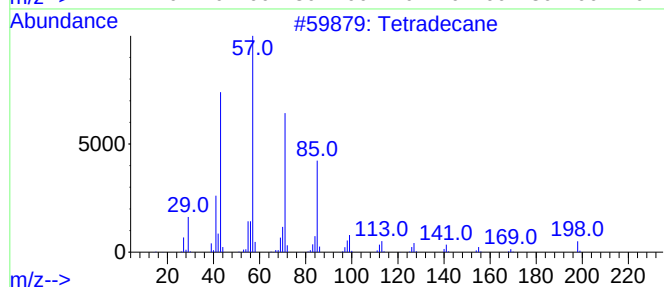
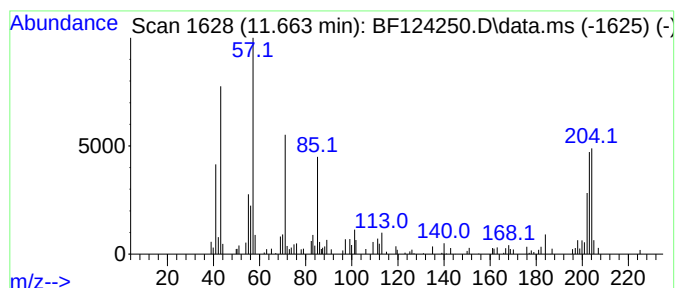
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown11.663 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.663	7.92 ng	128228	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	38
2			Undecane, 5-methyl-	170	C12H26	001632-70-8	38
3			Tridecane	184	C13H28	000629-50-5	38
4			Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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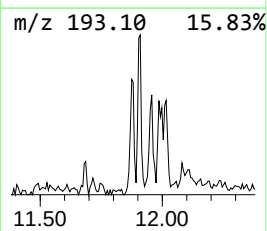
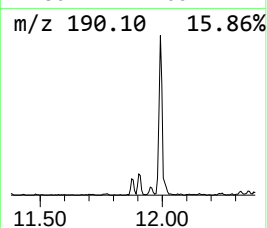
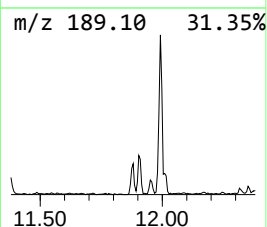
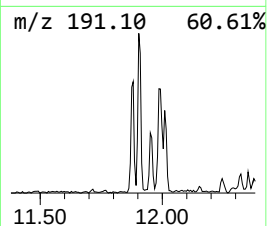
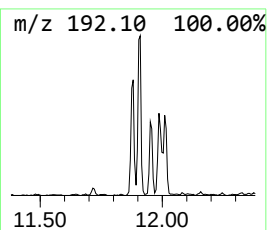
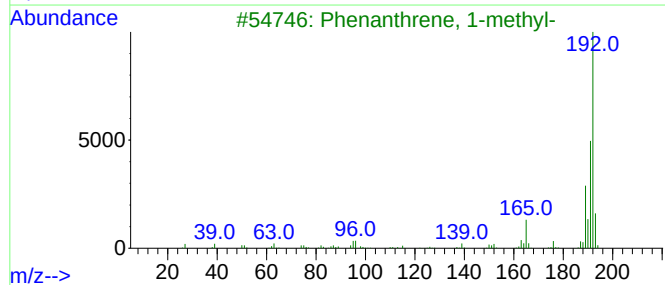
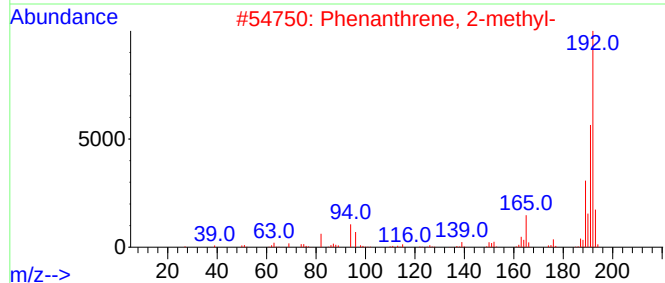
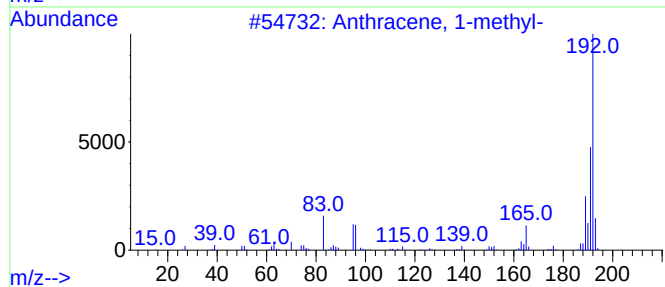
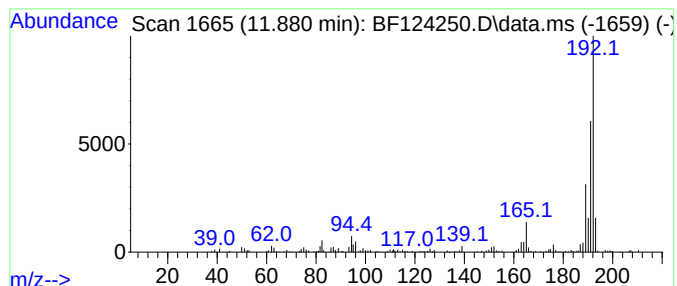
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	20.13 ng	325811	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Acq On : 11 Jun 2021 00:41
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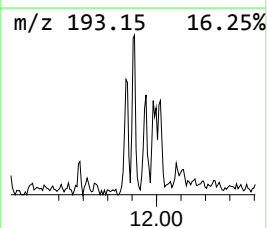
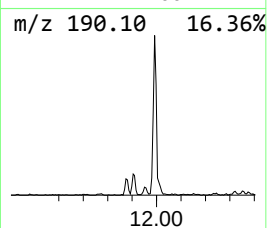
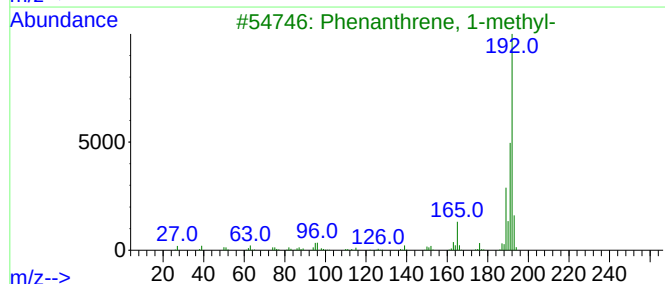
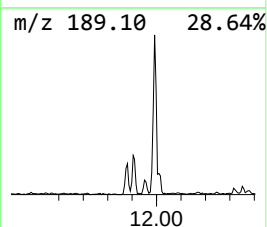
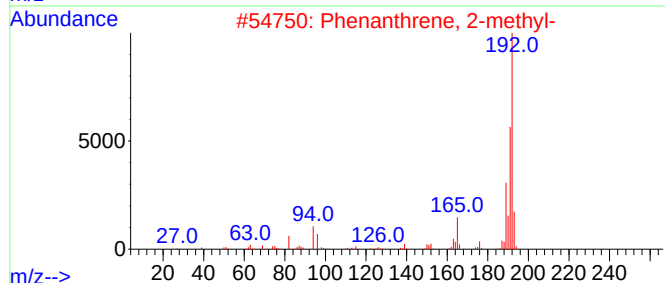
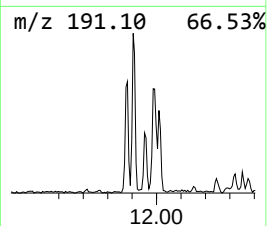
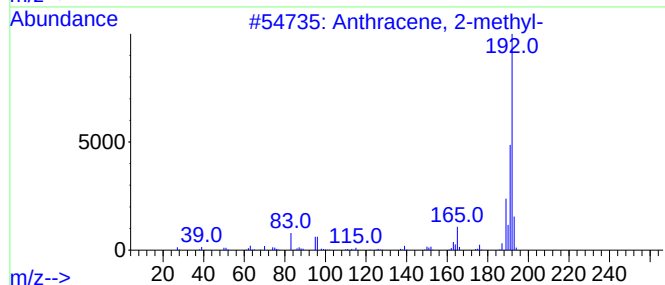
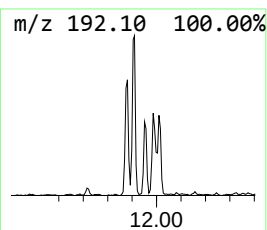
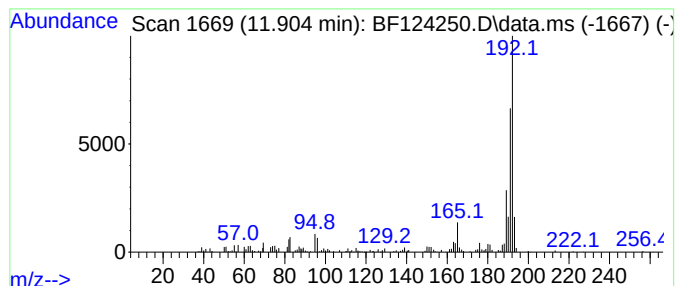
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	25.36 ng	410537	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Acq On : 11 Jun 2021 00:41
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Sample : M2660-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

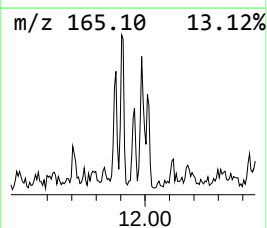
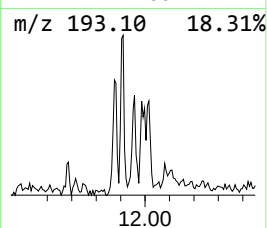
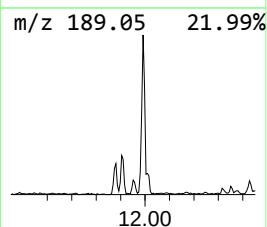
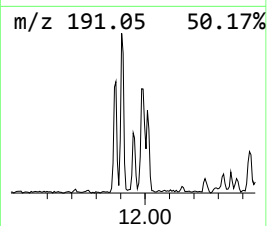
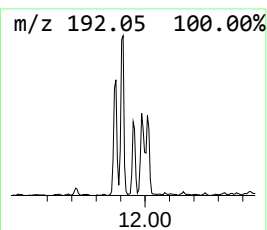
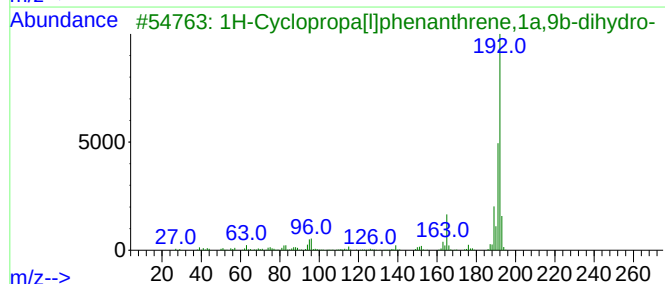
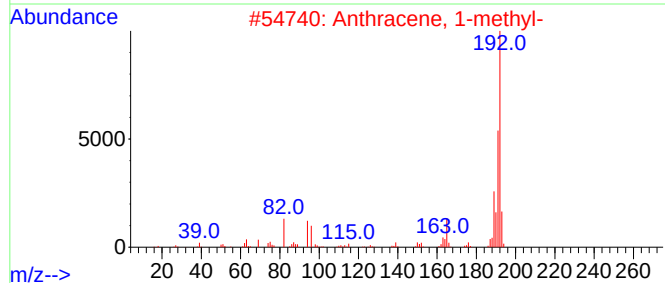
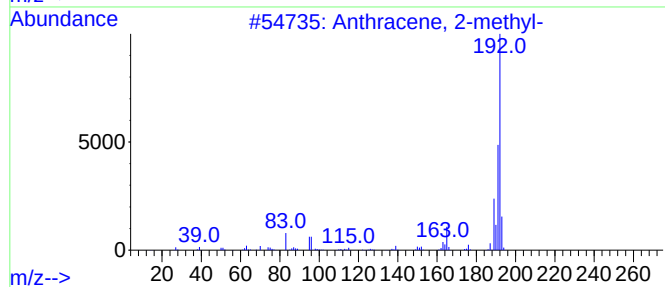
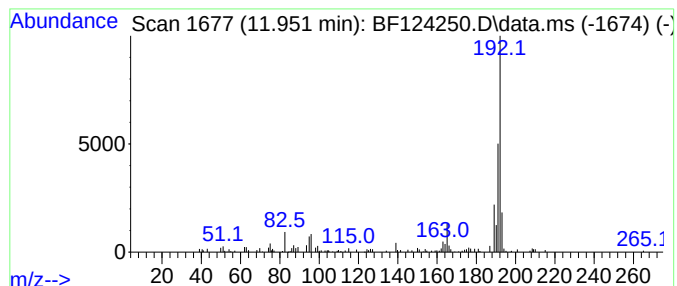
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Cyclopropa[l]phenanthren... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.951	9.48 ng	153419	Phenanthrene-d10		11.375	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	95
2	Anthracene, 1-methyl-		192	C15H12	000610-48-0	94
3	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	94
4	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	94
5	Anthracene, 9-methyl-		192	C15H12	000779-02-2	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124250.D
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Misc :
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ClientSampleId :
OR-03-060921

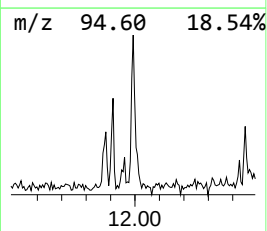
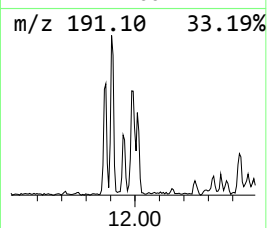
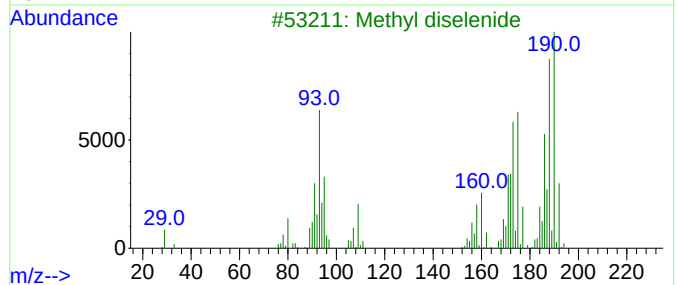
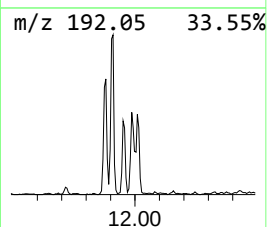
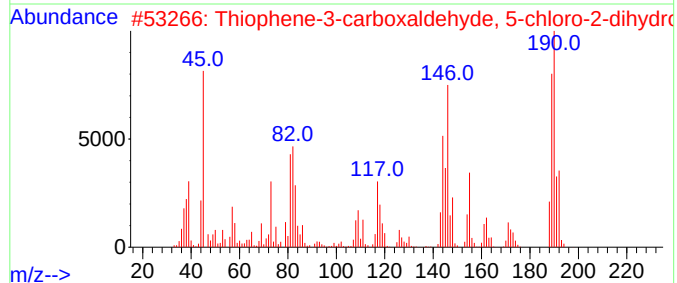
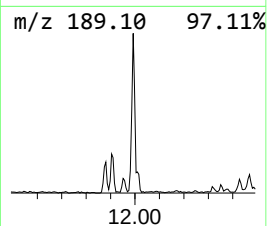
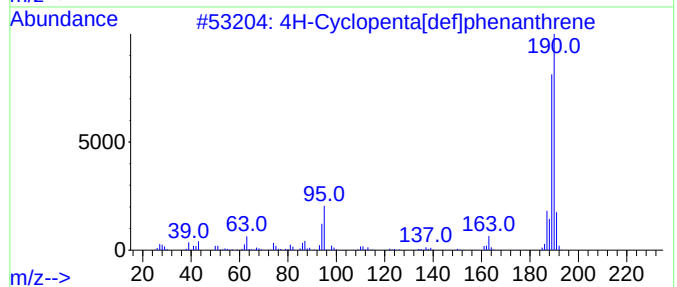
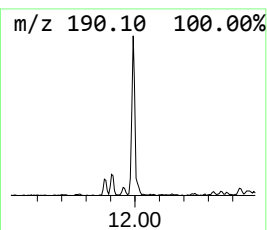
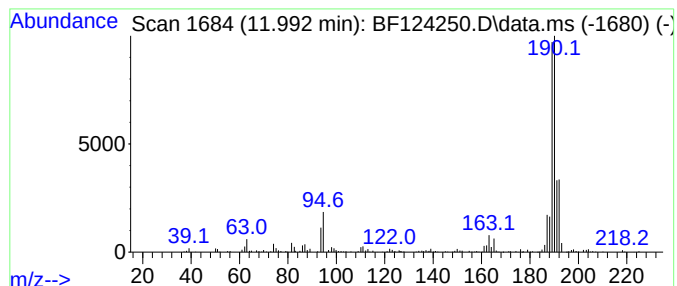
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	37.56 ng	608108	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3			Methyl diselenide	190	C2H6Se2	007101-31-7	43
4			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	36
5			Pyrimidine, 2-chloro-5-phenyl-	190	C10H7ClN2	022536-62-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124250.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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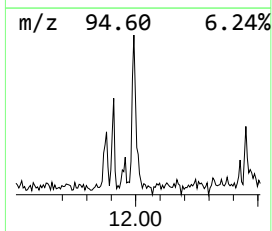
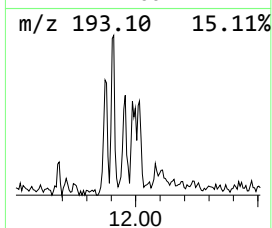
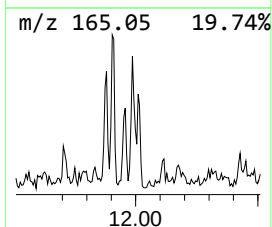
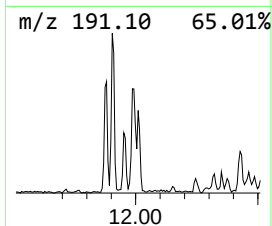
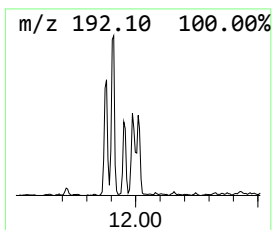
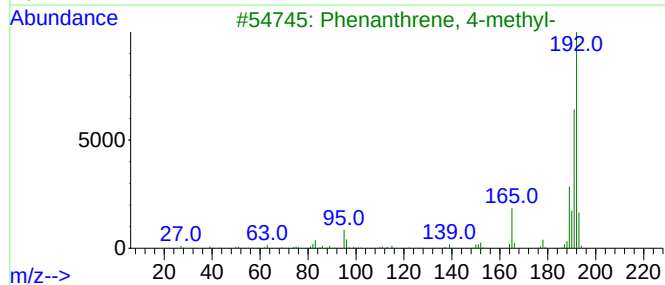
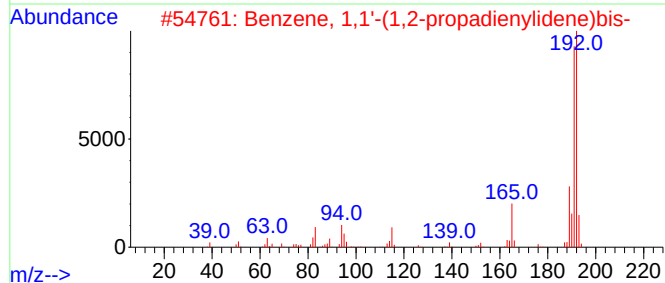
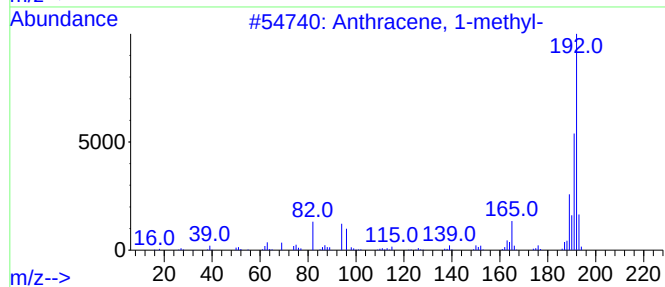
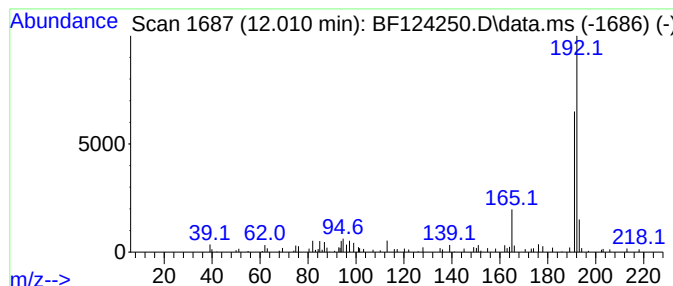
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzene, 1,1'-(1,2-propadienylidene) Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	9.56 ng	154709	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2			Benzene, 1,1'-(1,2-propadienylidene)bis-	192	C15H12	014251-57-1	87
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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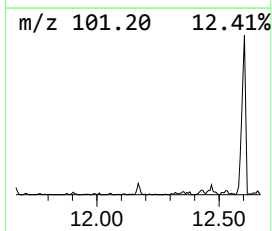
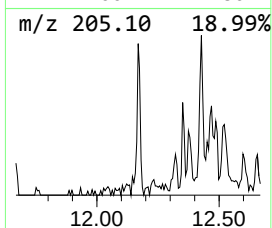
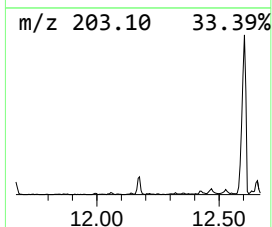
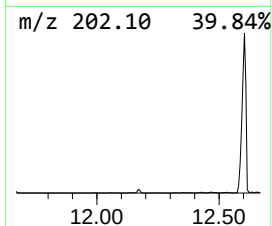
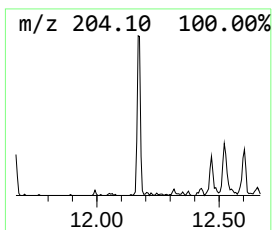
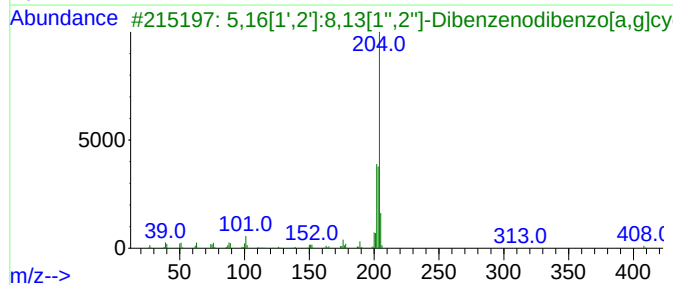
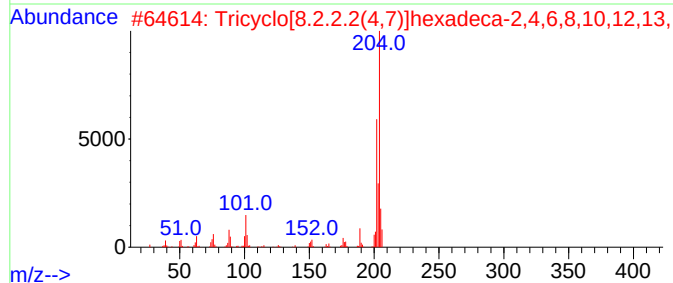
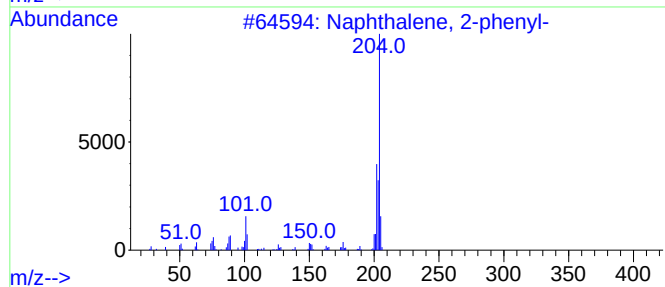
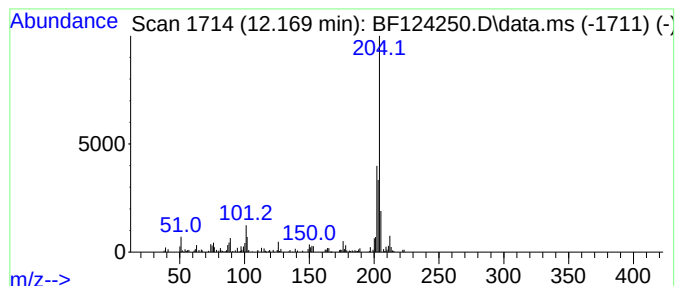
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	11.57 ng	187281	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4			9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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Sample : M2660-01
Misc :
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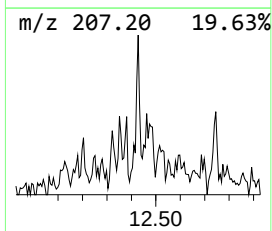
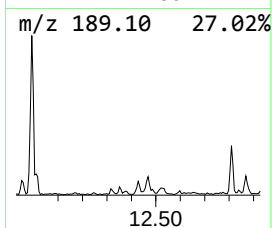
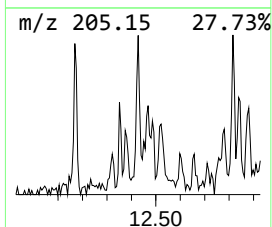
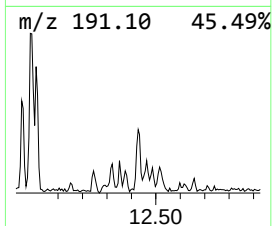
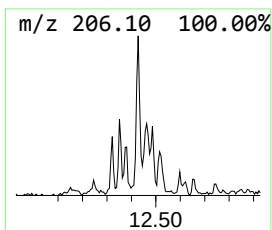
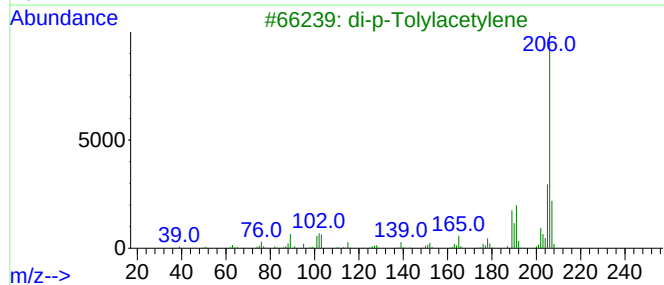
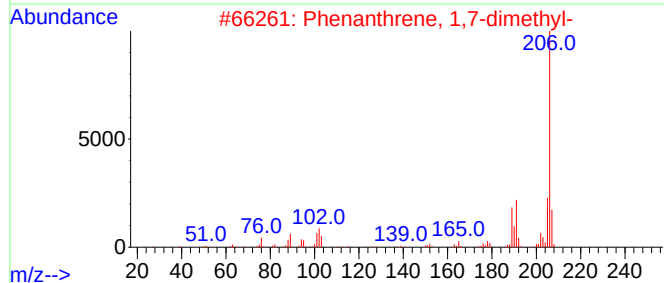
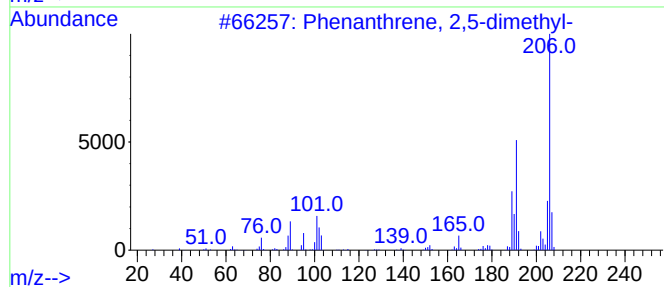
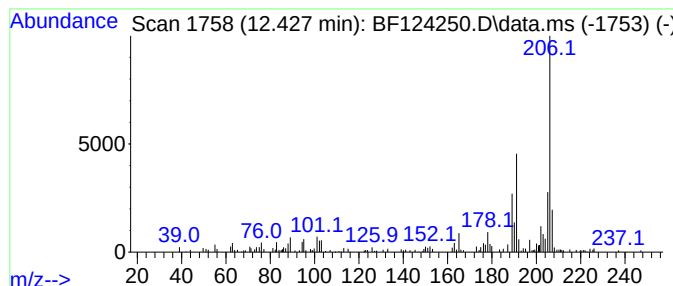
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.428	12.66 ng	205009	Phenanthrene-d10	11.375	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
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ClientSampleId :
OR-03-060921

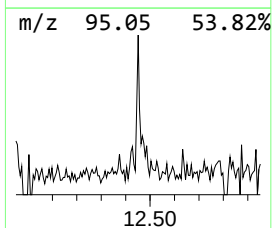
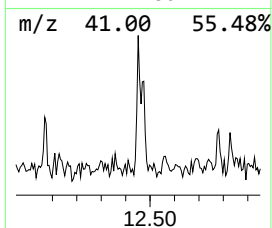
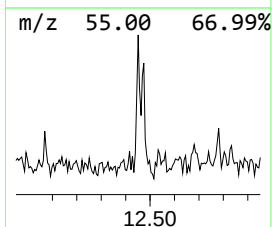
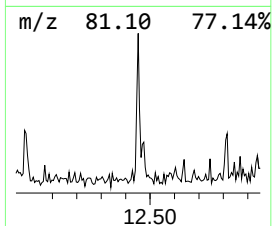
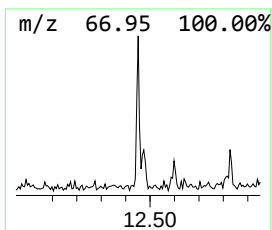
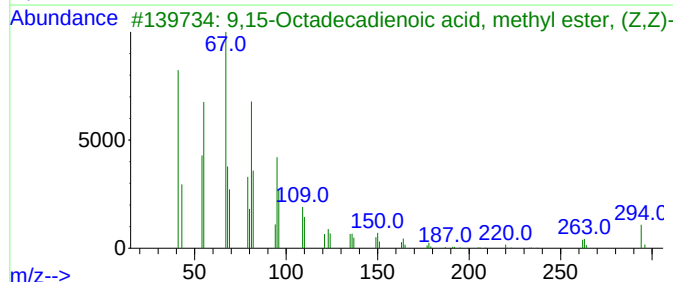
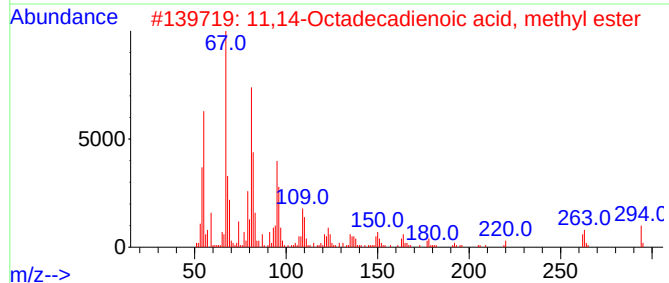
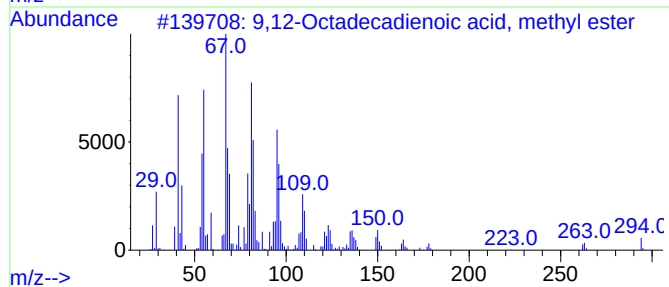
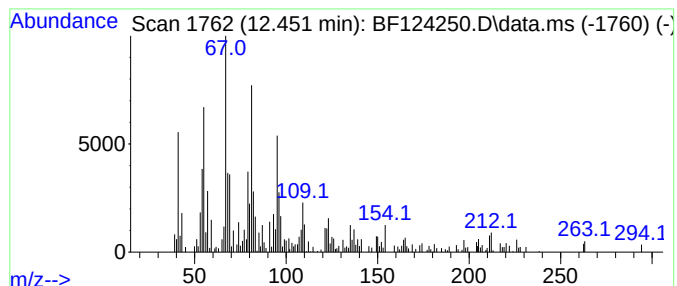
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	12.90 ng	208893	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94		
2	11,14-Octadecadienoic acid, meth...	294	C19H34O2	056554-61-1	93		
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	92		
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	91		
5	7-Tetradecyne	194	C14H26	035216-11-6	83		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124250.D
Acq On : 11 Jun 2021 00:41
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ALS Vial : 16 Sample Multiplier: 1

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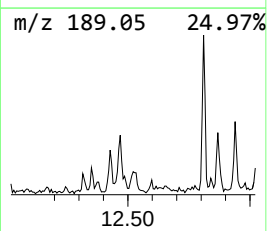
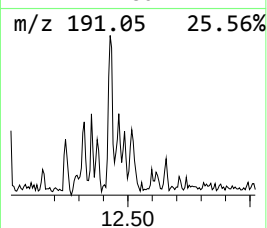
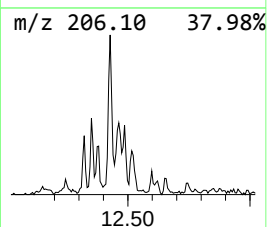
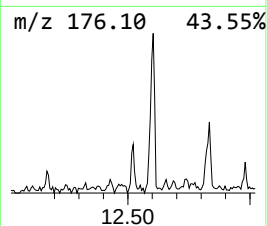
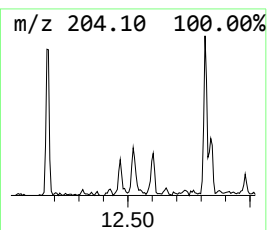
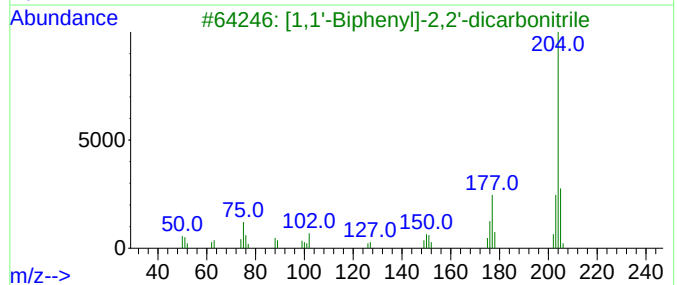
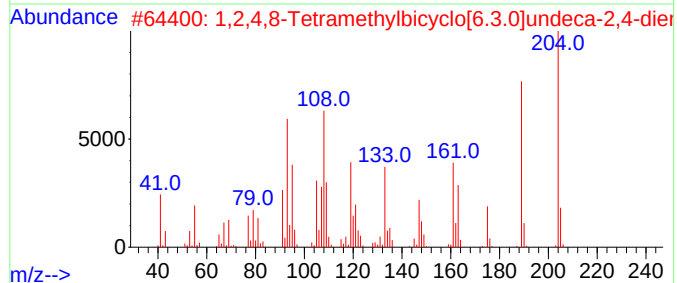
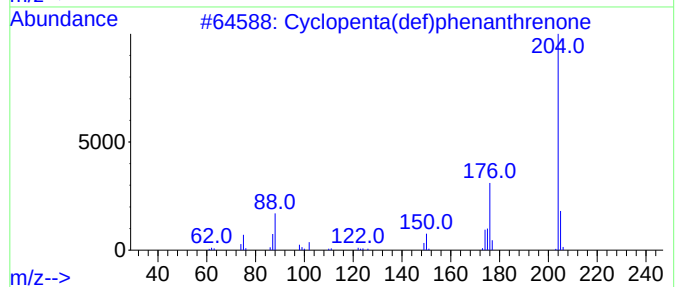
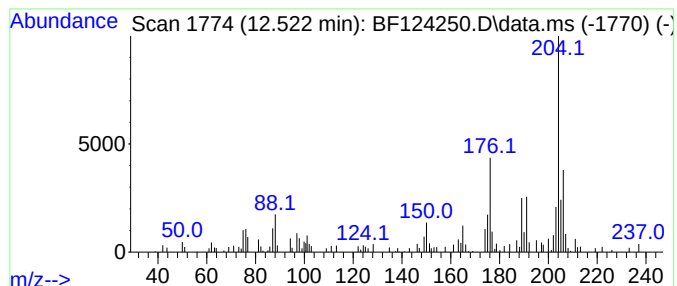
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclopenta(def)phenanthrenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	7.28 ng	117848	Phenanthrene-d10	11.375

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2			1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	46
3			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124250.D
Acq On : 11 Jun 2021 00:41
Operator : JU/CG
Sample : M2660-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

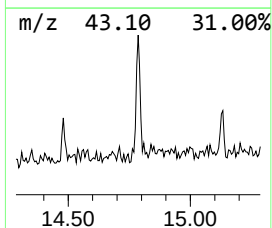
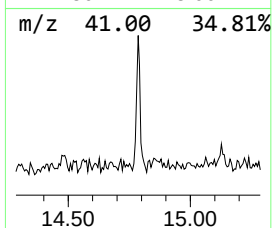
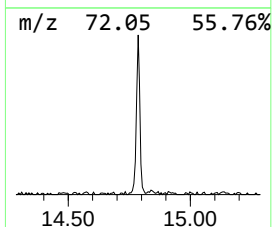
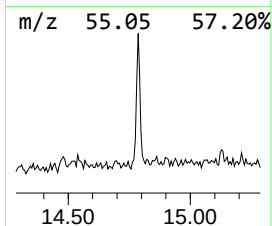
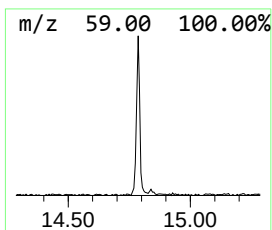
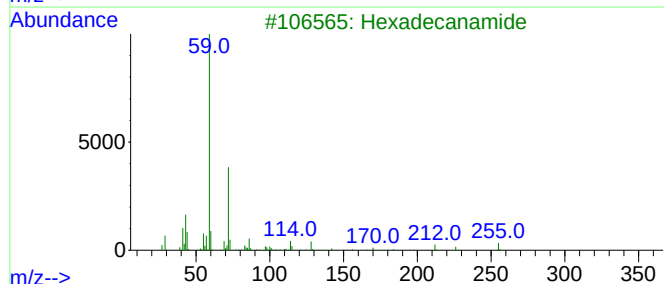
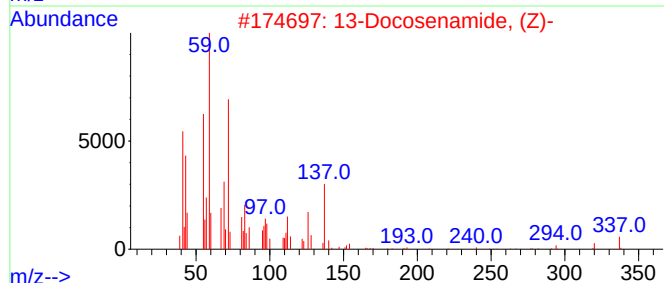
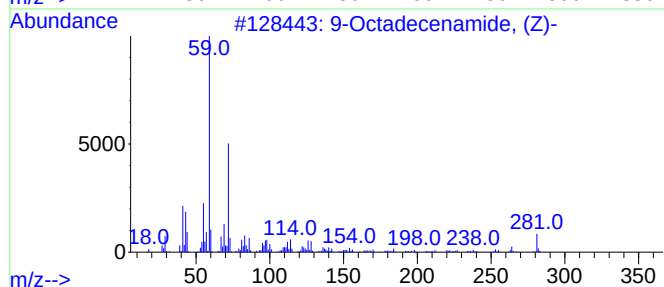
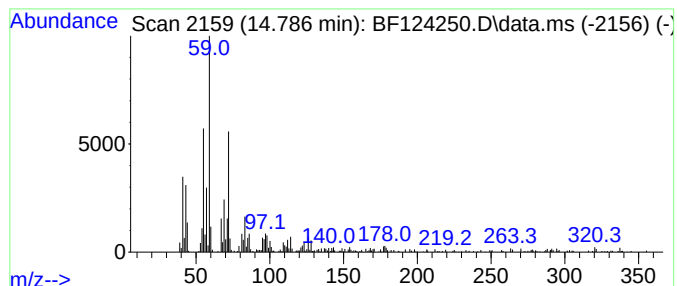
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenamide, (Z)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.786	30.84 ng	440512	Perylene-d12	15.510	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	90
3	Hexadecanamide	255	C16H33NO	000629-54-9	78
4	7-Nonenamide	155	C9H17NO	090949-53-4	74
5	Octadecanamide	283	C18H37NO	000124-26-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124250.D
Acq On : 11 Jun 2021 00:41
Operator : JU/CG
Sample : M2660-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-060921

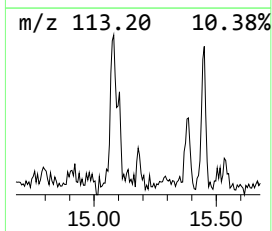
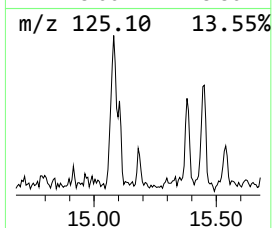
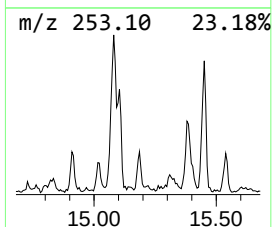
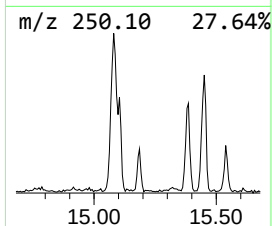
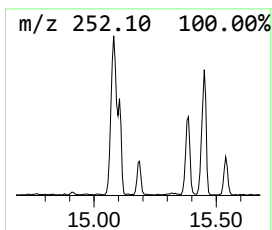
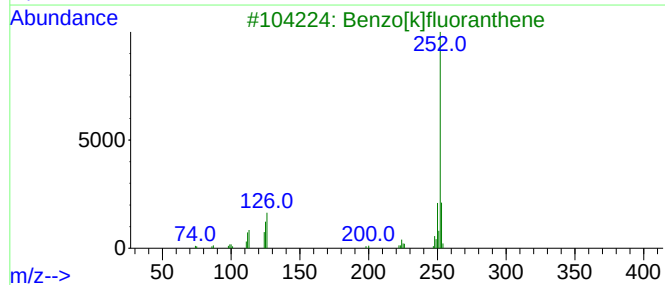
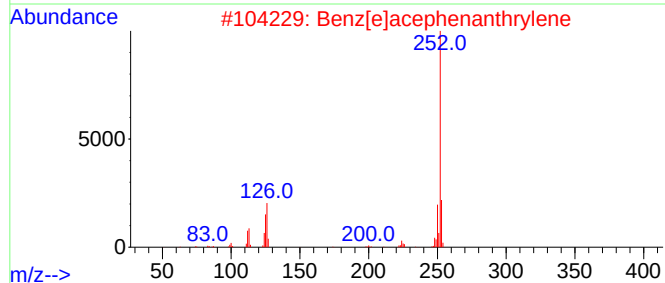
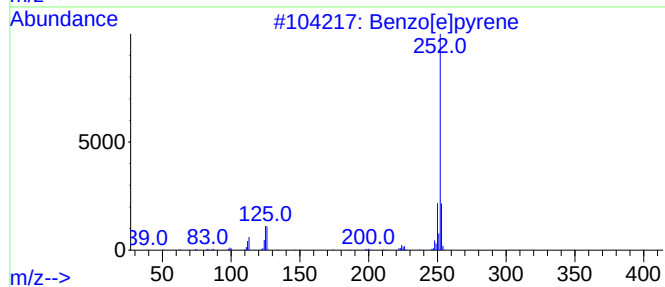
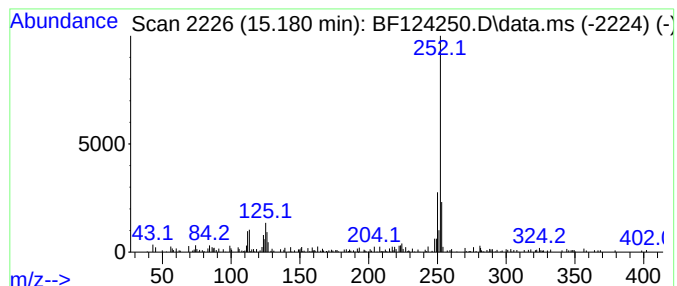
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.180	8.02 ng	114493	Perylene-d12	15.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	93
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
4		Benzo[j]fluoranthene	252	C20H12	000205-82-3	86
5		Perylene	252	C20H12	000198-55-0	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
Data File : BF124250.D
Acq On : 11 Jun 2021 00:41
Operator : JU/CG
Sample : M2660-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-060921

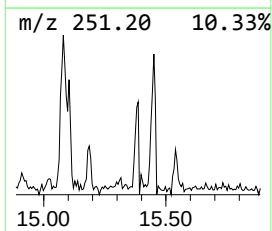
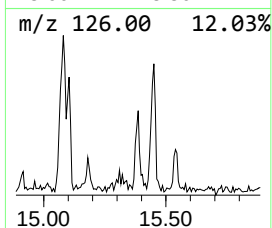
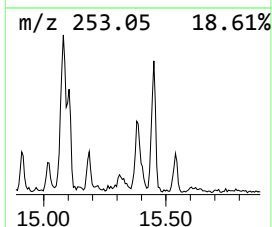
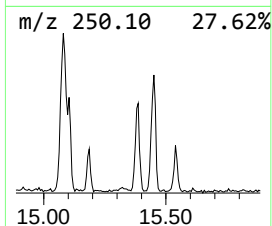
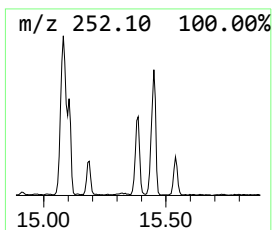
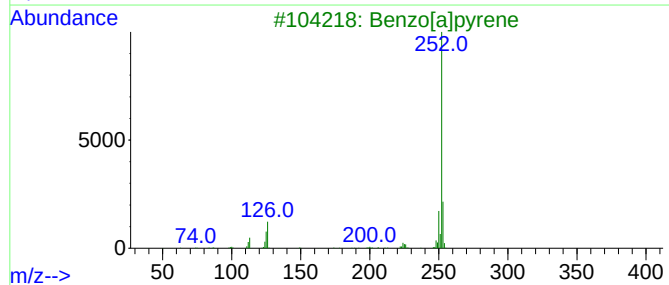
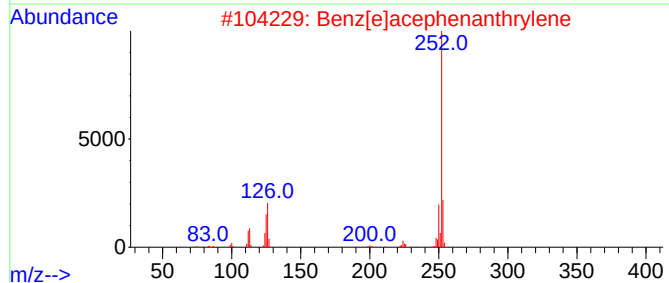
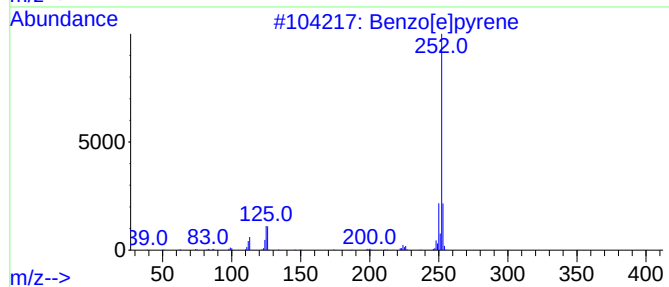
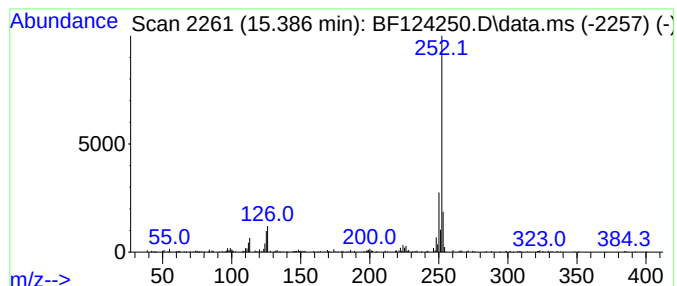
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.386	27.05 ng	386252	Perylene-d12	15.510

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	95
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5		Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061021\
 Data File : BF124250.D
 Acq On : 11 Jun 2021 00:41
 Operator : JU/CG
 Sample : M2660-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-060921

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.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
Naphthalene, 2,...	9.475	10.0	ng	176825	3	9.886	352866	20.0
Naphthalene, 2,...	9.545	11.0	ng	194123	3	9.886	352866	20.0
Dibenzofuran, 4...	10.592	8.1	ng	143208	3	9.886	352866	20.0
Tridecane	10.786	10.7	ng	173720	4	11.375	323777	20.0
9H-Fluorene, 1-...	10.980	13.6	ng	220183	4	11.375	323777	20.0
Octacosane	11.233	11.4	ng	185154	4	11.375	323777	20.0
Naphtho[2,1-b]t...	11.269	15.8	ng	255154	4	11.375	323777	20.0
unknown11.663	11.663	7.9	ng	128228	4	11.375	323777	20.0
Anthracene, 1-m...	11.881	20.1	ng	325811	4	11.375	323777	20.0
Anthracene, 2-m...	11.904	25.4	ng	410537	4	11.375	323777	20.0
1H-Cyclopropa[1...	11.951	9.5	ng	153419	4	11.375	323777	20.0
4H-Cyclopenta[d...	11.992	37.6	ng	608108	4	11.375	323777	20.0
Benzene, 1,1'-(...	12.010	9.6	ng	154709	4	11.375	323777	20.0
Naphthalene, 2-...	12.169	11.6	ng	187281	4	11.375	323777	20.0
Phenanthrene, 2...	12.428	12.7	ng	205009	4	11.375	323777	20.0
9,12-Octadecadi...	12.451	12.9	ng	208893	4	11.375	323777	20.0
Cyclopenta(def)...	12.522	7.3	ng	117848	4	11.375	323777	20.0
9-Octadecenamid...	14.786	30.8	ng	440512	6	15.510	285635	20.0
Benzo[e]pyrene	15.180	8.0	ng	114493	6	15.510	285635	20.0
Perylene	15.386	27.1	ng	386252	6	15.510	285635	20.0