

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133928.D
 Acq On : 23 Jun 2023 05:46
 Operator : CG\JU
 Sample : 03329-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SW03-8-15

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-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133928.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	17	rVB	522940	690837	28.64%	1.897%
2	2.246	22	27	35	rVB2	29235	48080	1.99%	0.132%
3	5.093	507	511	520	rBV	88266	117806	4.88%	0.323%
4	5.493	574	579	582	rBV	2201208	1994838	82.70%	5.478%
5	6.493	745	749	752	rBV	2146683	2042432	84.67%	5.608%
6	6.687	778	782	785	rBV3	37492	42290	1.75%	0.116%
7	6.857	808	811	817	rVB	894214	695733	28.84%	1.910%
8	7.422	903	907	910	rBV	1485498	1336404	55.40%	3.670%
9	7.445	910	911	916	rVB	40036	34042	1.41%	0.093%
10	8.116	1022	1025	1026	rBV	40027	34805	1.44%	0.096%
11	8.140	1026	1029	1031	rVV	998784	851542	35.30%	2.338%
12	8.157	1031	1032	1036	rVB	111659	70491	2.92%	0.194%
13	8.557	1096	1100	1105	rBV	29592	29656	1.23%	0.081%
14	8.728	1126	1129	1133	rBV	45701	34773	1.44%	0.095%
15	8.851	1147	1150	1154	rVB	75749	60893	2.52%	0.167%
16	8.951	1164	1167	1170	rBV	56051	50097	2.08%	0.138%
17	9.216	1208	1212	1215	rBV	3069702	2412226	100.00%	6.624%
18	9.292	1222	1225	1227	rBV	54000	44358	1.84%	0.122%
19	9.481	1253	1257	1261	rBV4	35520	46963	1.95%	0.129%
20	9.551	1266	1269	1271	rBV	57866	53156	2.20%	0.146%
21	9.669	1286	1289	1294	rVB	31422	30760	1.28%	0.084%
22	9.757	1301	1304	1307	rVB	80870	74259	3.08%	0.204%
23	9.822	1313	1315	1319	rVB	45407	36713	1.52%	0.101%
24	9.892	1324	1327	1330	rVV	929188	858031	35.57%	2.356%
25	9.928	1330	1333	1336	rVB	173010	143074	5.93%	0.393%
26	10.098	1358	1362	1366	rVV	104330	94834	3.93%	0.260%
27	10.139	1366	1369	1373	rVB2	29492	30749	1.27%	0.084%
28	10.304	1393	1397	1398	rBV	33699	34226	1.42%	0.094%
29	10.328	1398	1401	1403	rVB2	56034	49565	2.05%	0.136%
30	10.445	1417	1421	1427	rBV	131369	134277	5.57%	0.369%
31	10.610	1445	1449	1455	rVB2	200709	194980	8.08%	0.535%
32	10.686	1458	1462	1469	rBV	1538096	1348107	55.89%	3.702%
33	10.816	1479	1484	1489	rVB2	81762	120864	5.01%	0.332%
34	10.998	1508	1515	1517	rBV3	40034	63478	2.63%	0.174%
35	11.122	1532	1536	1538	rBV3	33773	40414	1.68%	0.111%
36	11.192	1545	1548	1552	rVB	83038	73197	3.03%	0.201%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.251	1552	1558	1561	rVV4	67617	92303	3.83%	0.253%
38	11.286	1561	1564	1569	rVB	83591	85553	3.55%	0.235%
39	11.392	1578	1582	1583	rBV	828956	748168	31.02%	2.054%
40	11.416	1583	1586	1589	rVV	1284440	1081643	44.84%	2.970%
41	11.463	1589	1594	1597	rVV	325160	318345	13.20%	0.874%
42	11.498	1597	1600	1603	rVB3	40873	41258	1.71%	0.113%
43	11.622	1615	1621	1629	rBV2	140630	179554	7.44%	0.493%
44	11.686	1629	1632	1636	rVV3	76025	80652	3.34%	0.221%
45	11.722	1636	1638	1643	rVB3	46324	49267	2.04%	0.135%
46	11.892	1662	1667	1669	rBV	187644	174050	7.22%	0.478%
47	11.922	1669	1672	1676	rVB	548397	455740	18.89%	1.251%
48	11.969	1677	1680	1683	rVB	83971	70657	2.93%	0.194%
49	12.004	1683	1686	1689	rBV	295441	321986	13.35%	0.884%
50	12.092	1695	1701	1705	rBV3	59385	104076	4.31%	0.286%
51	12.192	1715	1718	1720	rBV	143689	112031	4.64%	0.308%
52	12.216	1720	1722	1726	rVB	122620	108902	4.51%	0.299%
53	12.339	1738	1743	1746	rBV2	59299	79542	3.30%	0.218%
54	12.375	1746	1749	1751	rVV	57247	47164	1.96%	0.130%
55	12.398	1751	1753	1756	rVB	44035	33005	1.37%	0.091%
56	12.445	1758	1761	1765	rBV	112425	135117	5.60%	0.371%
57	12.486	1765	1768	1770	rVV	84020	81764	3.39%	0.225%
58	12.533	1773	1776	1781	rVB	130280	127519	5.29%	0.350%
59	12.616	1785	1790	1793	rBV	2424463	2101600	87.12%	5.771%
60	12.657	1795	1797	1799	rBV	34019	34338	1.42%	0.094%
61	12.675	1799	1800	1803	rVB2	56303	31241	1.30%	0.086%
62	12.710	1803	1806	1809	rBV2	142398	146504	6.07%	0.402%
63	12.845	1823	1829	1832	rBV	1992787	2381157	98.71%	6.538%
64	12.963	1846	1849	1850	rBV	110521	99821	4.14%	0.274%
65	12.986	1850	1853	1859	rVB	2187310	2002095	83.00%	5.497%
66	13.063	1861	1866	1869	rBV2	132297	221062	9.16%	0.607%
67	13.092	1869	1871	1874	rVB	38318	33075	1.37%	0.091%
68	13.145	1877	1880	1882	rBV4	109677	132530	5.49%	0.364%
69	13.175	1882	1885	1888	rVB	292689	279028	11.57%	0.766%
70	13.216	1888	1892	1894	rBV3	56232	82743	3.43%	0.227%
71	13.239	1894	1896	1898	rVB	232092	167169	6.93%	0.459%
72	13.275	1898	1902	1905	rBV2	186927	194581	8.07%	0.534%
73	13.333	1910	1912	1915	rBV	48602	44854	1.86%	0.123%
74	13.369	1915	1918	1921	rBV	105926	86687	3.59%	0.238%
75	13.398	1921	1923	1927	rBV	108777	106201	4.40%	0.292%
76	13.563	1949	1951	1954	rBV3	43834	43126	1.79%	0.118%

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77	13.686	1969	1972	1976	rVB	166792	171570	7.11%	0.471%
78	13.798	1987	1991	1993	rBV2	165735	196479	8.15%	0.540%
79	13.822	1993	1995	1997	rVV	165668	151074	6.26%	0.415%
80	13.851	1997	2000	2005	rVV3	192927	262108	10.87%	0.720%
81	13.898	2005	2008	2014	rVV3	239517	302004	12.52%	0.829%
82	14.045	2026	2033	2037	rBV2	1324830	2185879	90.62%	6.002%
83	14.080	2037	2039	2044	rVB	1083722	906230	37.57%	2.488%
84	14.157	2049	2052	2054	rBV	222195	170563	7.07%	0.468%
85	14.180	2054	2056	2060	rBV2	69448	92986	3.85%	0.255%
86	14.222	2060	2063	2065	rVV3	118674	111457	4.62%	0.306%
87	14.245	2065	2067	2069	rVV2	58025	43118	1.79%	0.118%
88	14.439	2098	2100	2103	rVB2	180799	149516	6.20%	0.411%
89	14.474	2103	2106	2110	rVB2	114192	117984	4.89%	0.324%
90	14.521	2112	2114	2119	rBV3	68828	115437	4.79%	0.317%
91	14.569	2119	2122	2123	rBV	105990	101267	4.20%	0.278%
92	15.116	2210	2215	2219	rBV	757719	1337101	55.43%	3.671%
93	15.192	2226	2228	2231	rVB	86637	81597	3.38%	0.224%
94	15.227	2231	2234	2237	rBV	160588	177215	7.35%	0.487%
95	15.433	2265	2269	2275	rVB	442129	603717	25.03%	1.658%
96	15.498	2276	2280	2285	rVB	668485	809921	33.58%	2.224%
97	15.563	2287	2291	2294	rBV	361478	455782	18.89%	1.252%
98	15.592	2294	2296	2302	rVB	177275	233095	9.66%	0.640%
99	17.115	2549	2555	2562	rVB3	241189	503409	20.87%	1.382%
100	17.586	2629	2635	2645	rVB	182178	403987	16.75%	1.109%

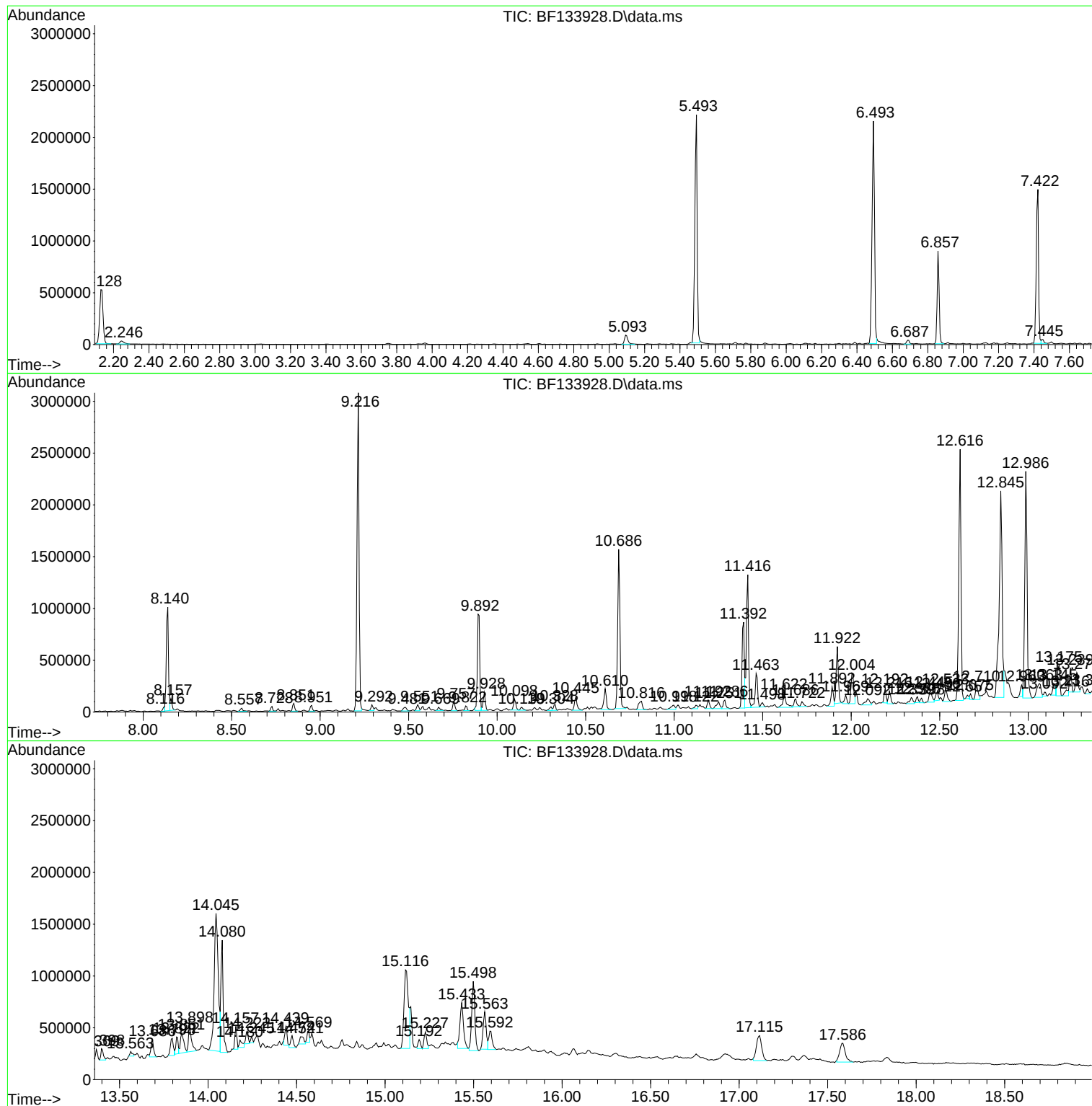
Sum of corrected areas: 36418554

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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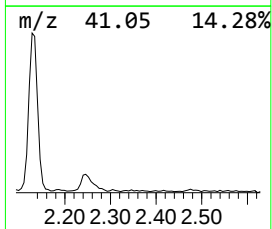
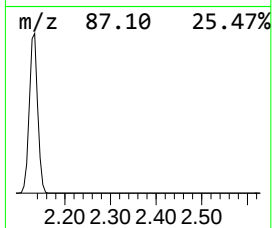
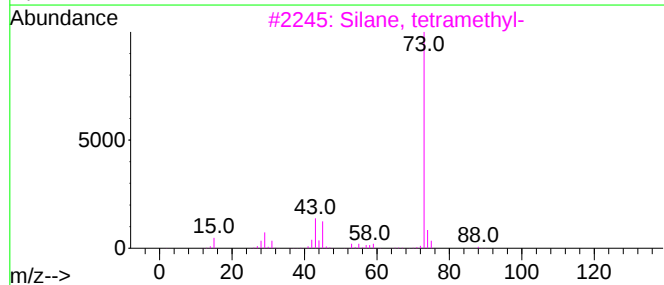
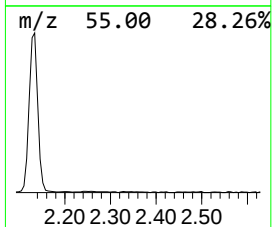
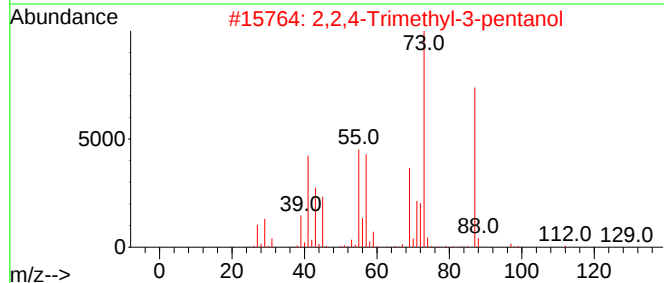
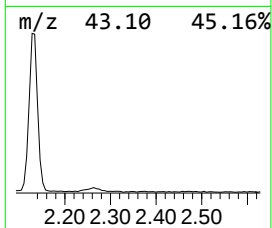
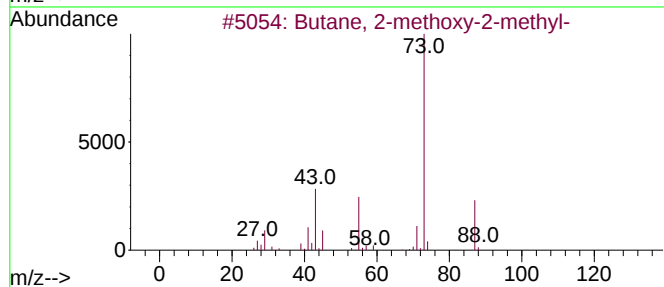
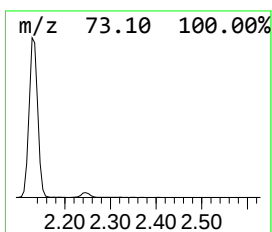
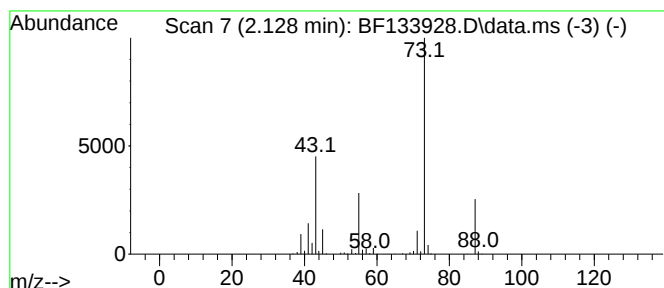
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.128	19.86 ng	690837	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4			1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	23
5			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23



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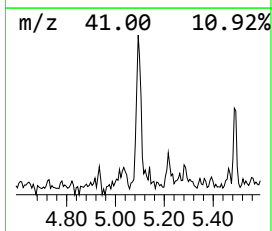
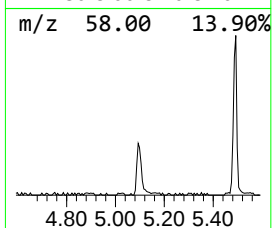
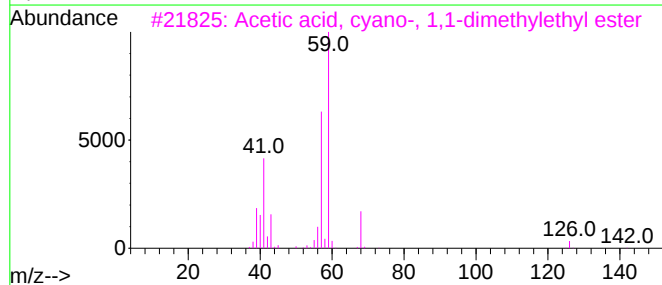
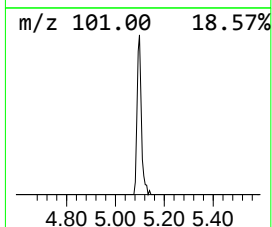
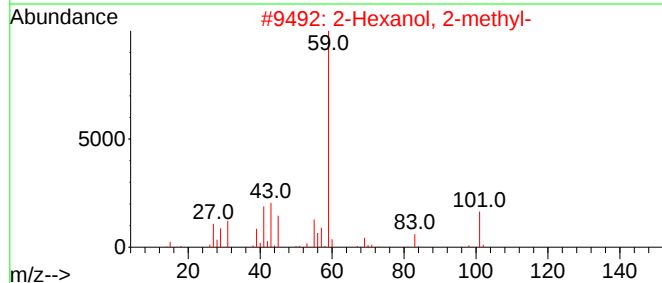
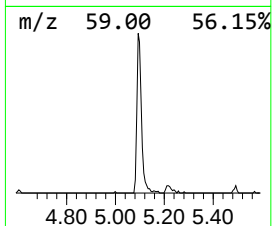
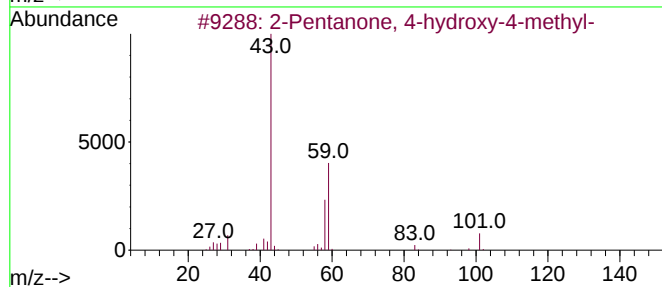
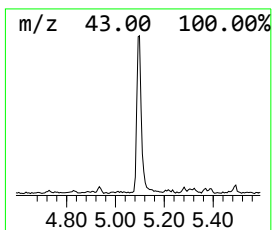
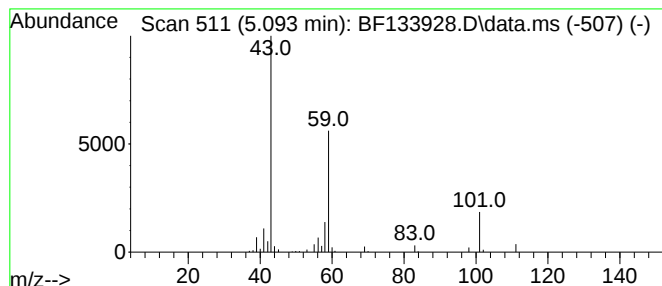
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	3.39 ng	117806	1,4-Dichlorobenzene-d4	6.857

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25



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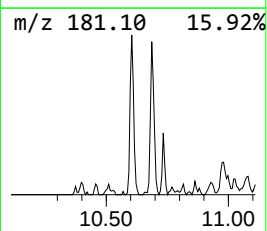
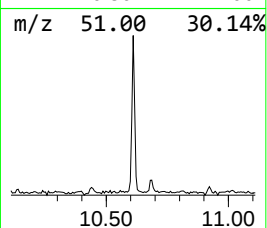
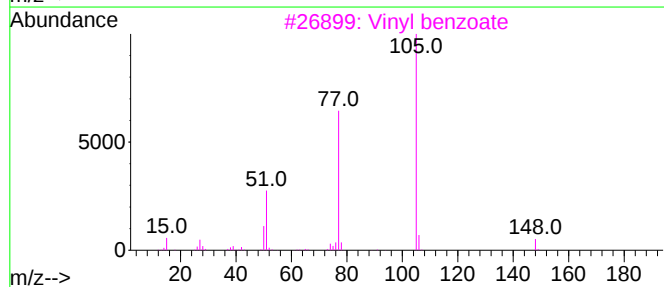
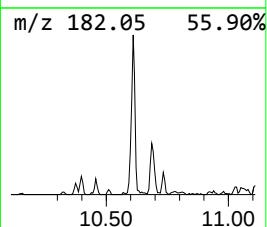
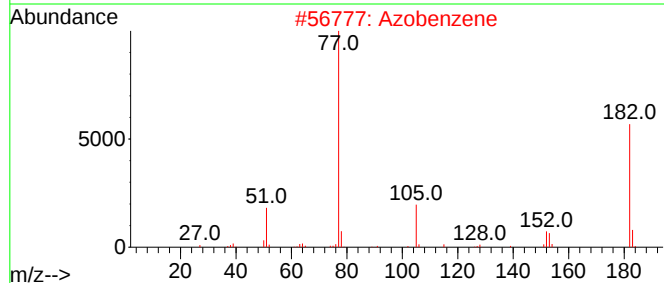
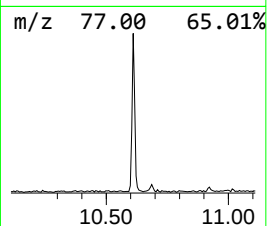
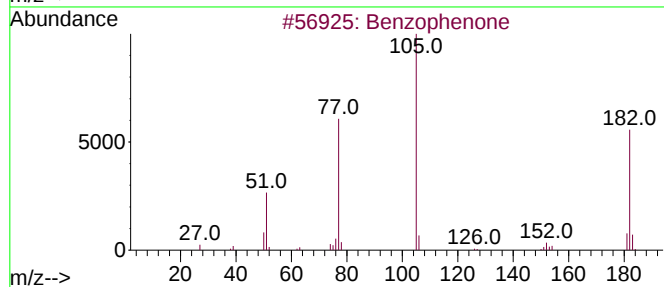
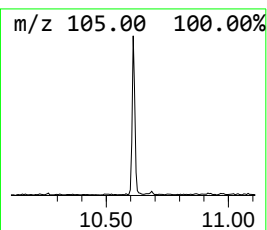
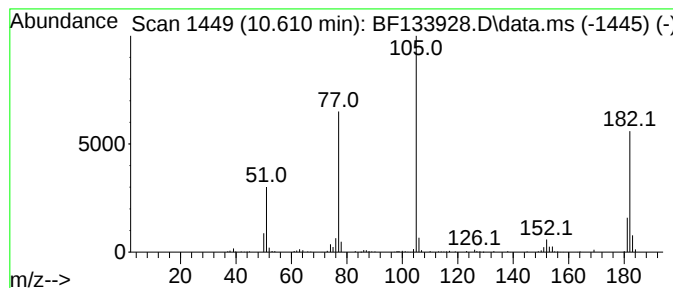
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	4.54 ng	194980	Acenaphthene-d10	9.898

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Azobenzene	182	C12H10N2	000103-33-3	58
3			Vinyl benzoate	148	C9H8O2	000769-78-8	47
4			Methyl benzilate	242	C15H14O3	000076-89-1	47
5			Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
Acq On : 23 Jun 2023 05:46
Operator : CG\JU
Sample : 03329-07
Misc :
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Instrument :
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ClientSampleId :
COMPOSIT-SW03-8-15

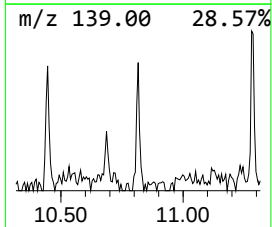
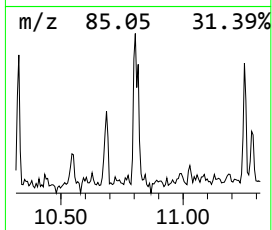
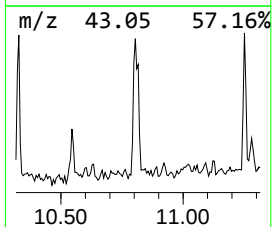
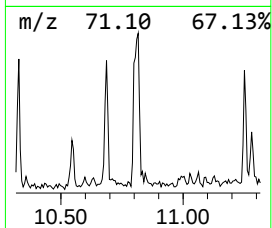
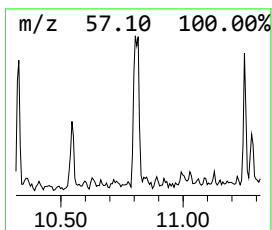
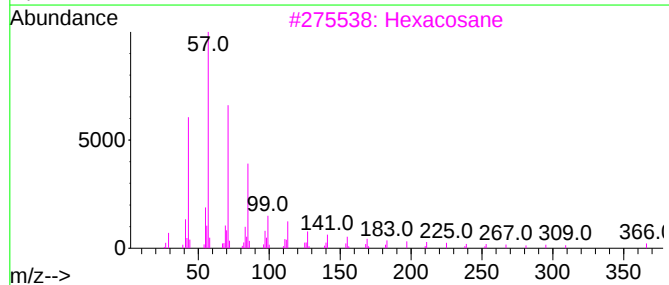
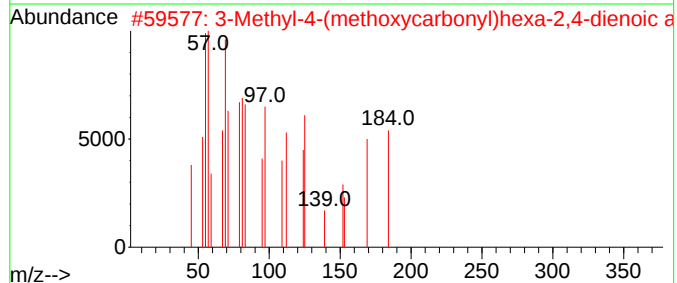
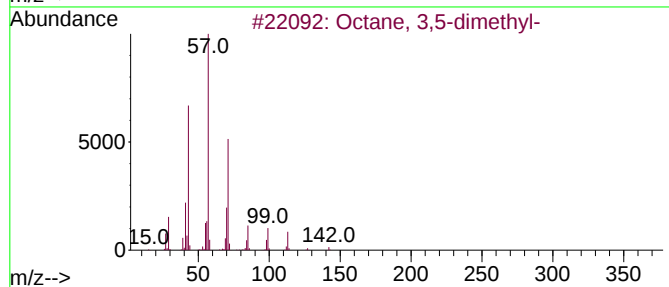
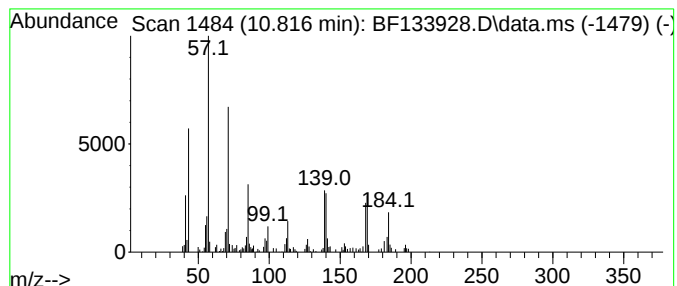
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown10.816 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.816	3.23 ng	120864	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,5-dimethyl-			142	C10H22	015869-93-9	42
2	3-Methyl-4-(methoxycarbonyl)hexa...			184	C9H12O4	1010104-10-8	42
3	Hexacosane			366	C26H54	000630-01-3	41
4	Heneicosane			296	C21H44	000629-94-7	41
5	Pentacosane			352	C25H52	000629-99-2	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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ClientSampleId :
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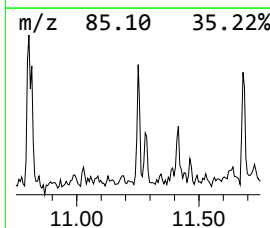
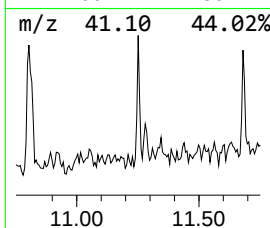
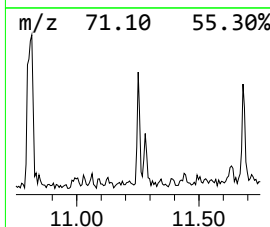
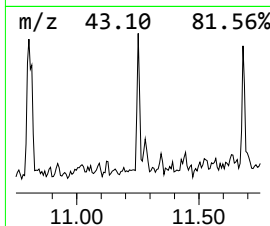
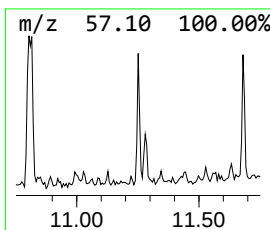
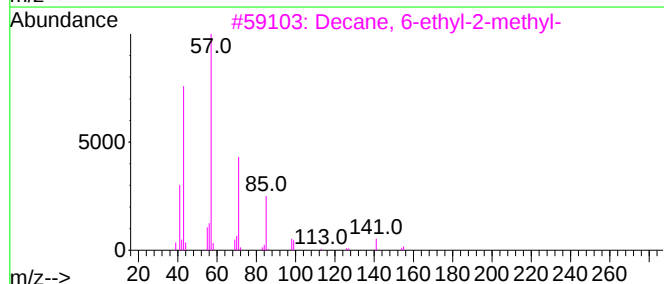
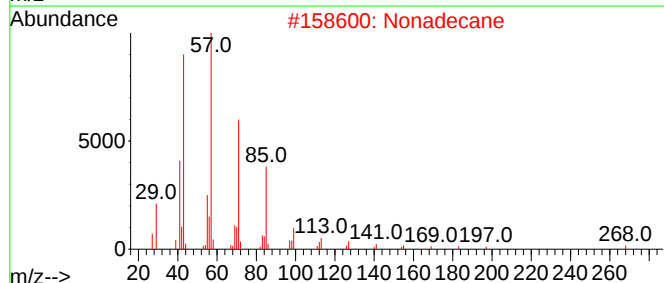
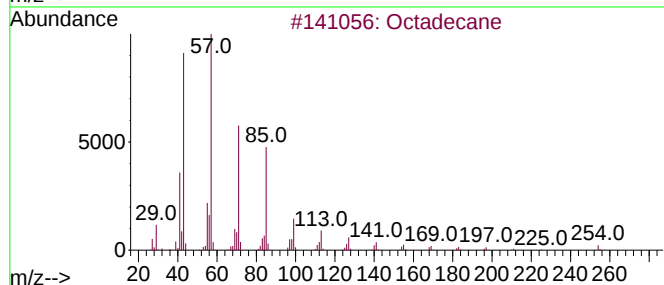
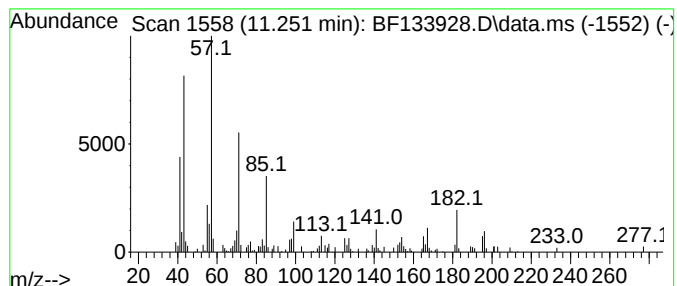
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.251	2.47 ng	92303	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	53
2			Nonadecane	268	C19H40	000629-92-5	53
3			Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	52
4			Tetracosane	338	C24H50	000646-31-1	52
5			Tetradecane	198	C14H30	000629-59-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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Operator : CG\JU
Sample : 03329-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

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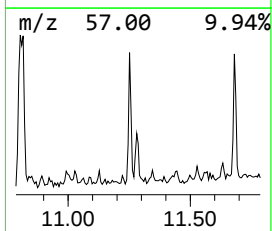
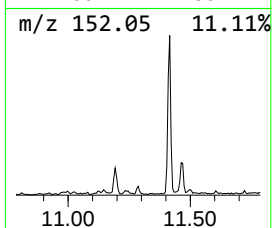
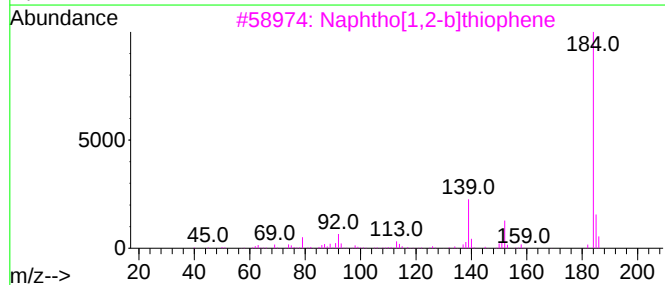
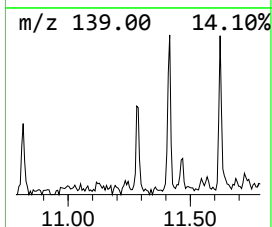
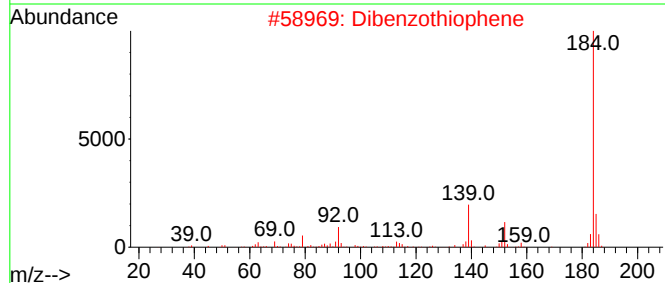
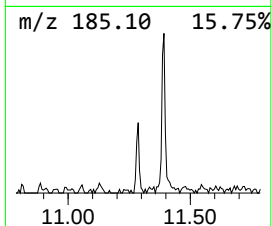
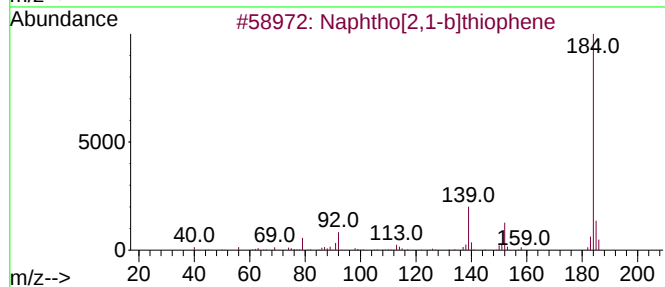
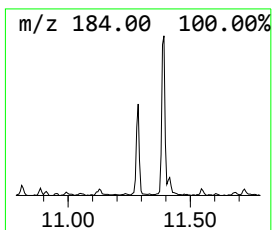
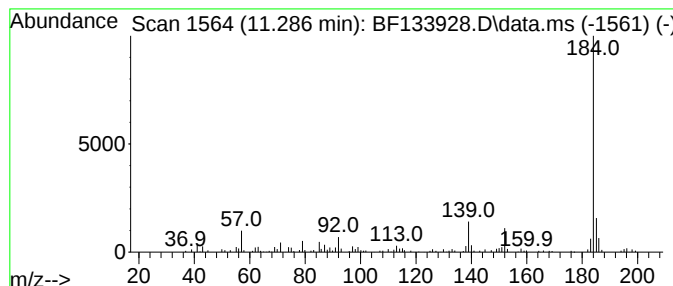
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.286	2.29 ng	85553	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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Misc :
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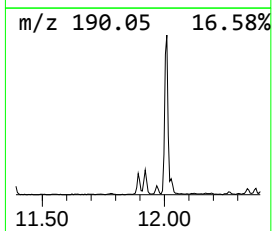
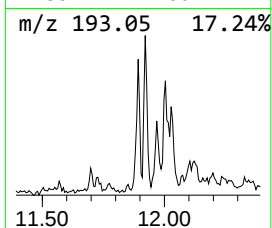
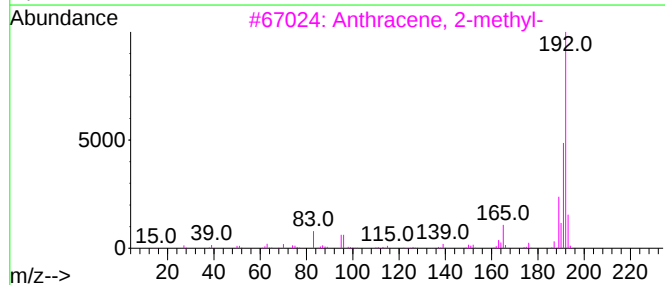
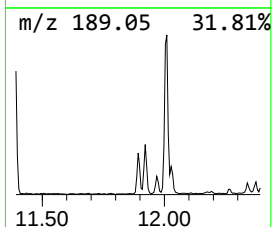
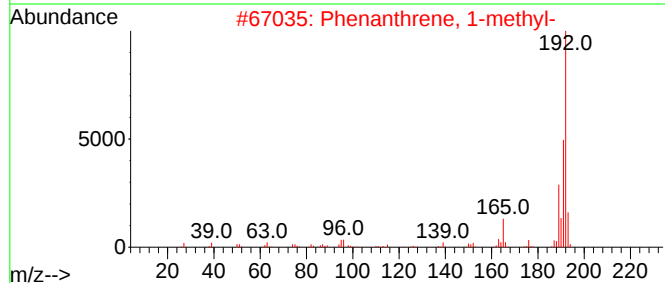
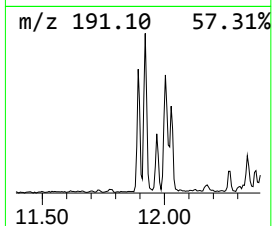
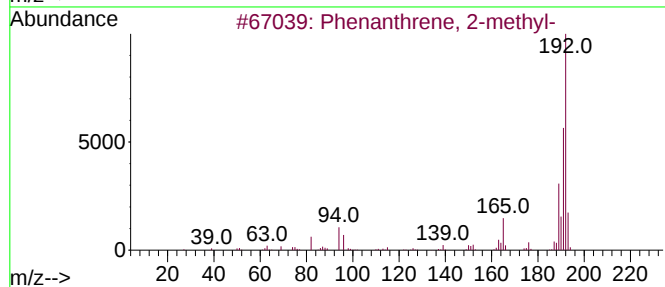
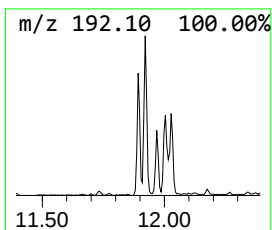
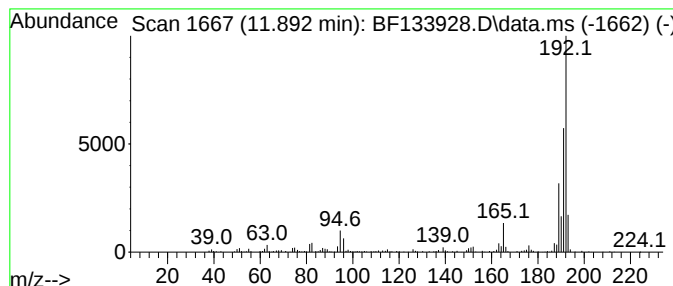
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.892	4.65 ng	174050	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
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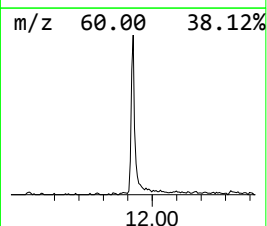
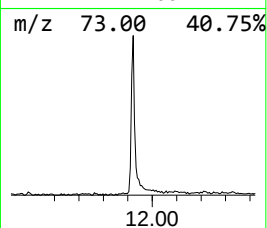
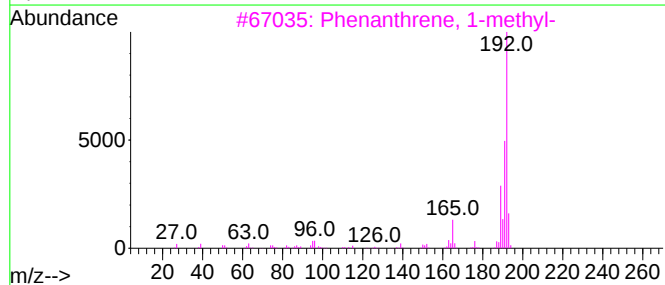
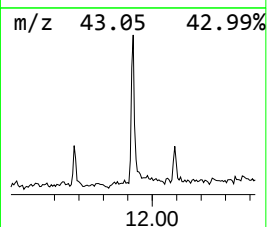
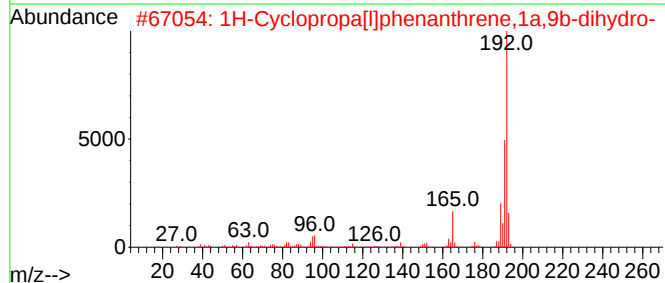
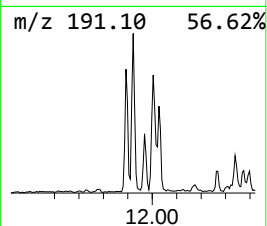
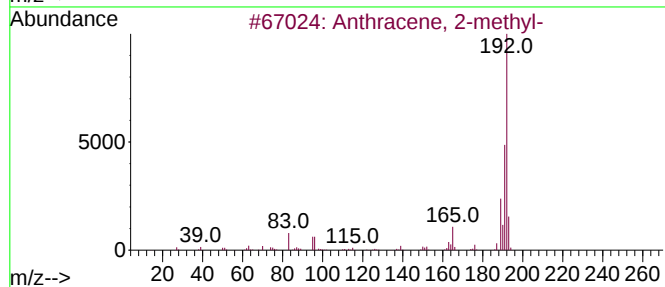
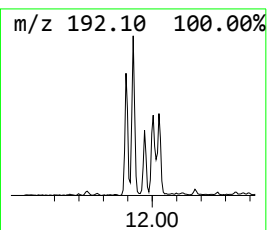
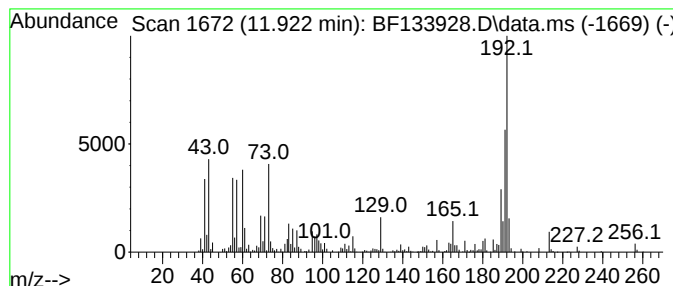
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	12.18 ng	455740	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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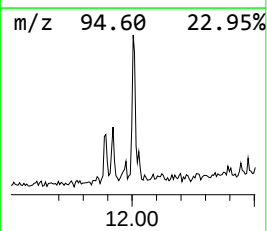
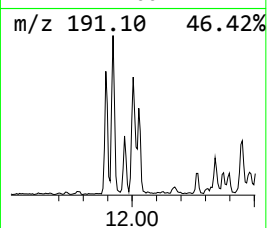
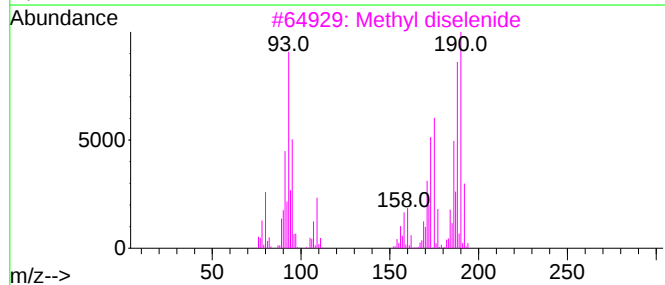
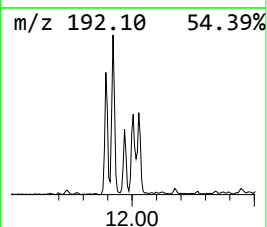
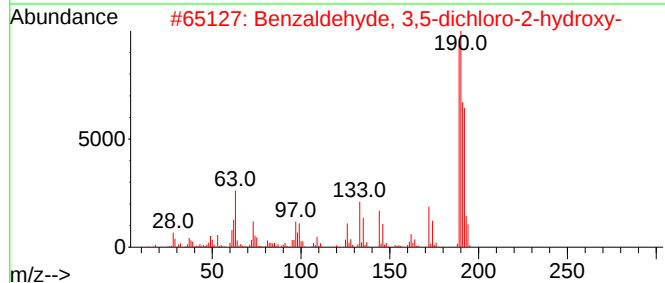
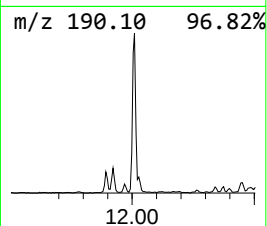
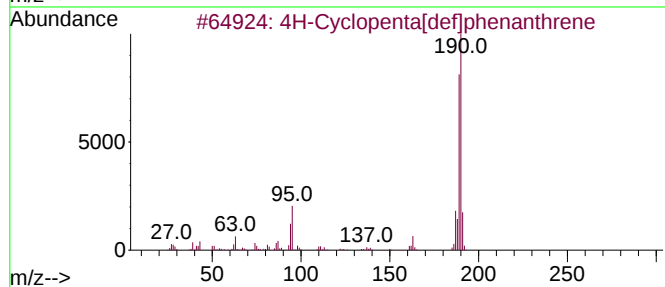
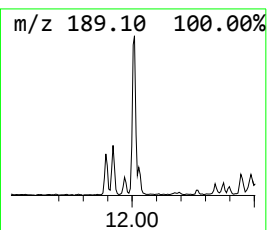
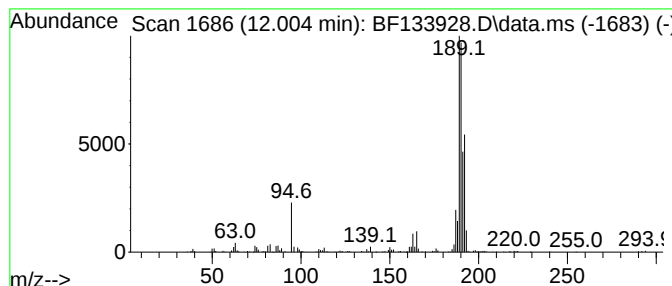
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	8.61 ng	321986	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3			Methyl diselenide	190	C2H6Se2	007101-31-7	45
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
5			Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
COMPOSIT-SW03-8-15

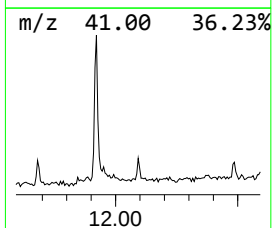
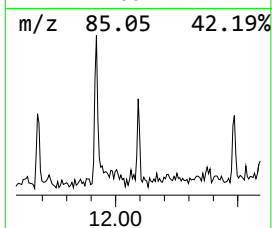
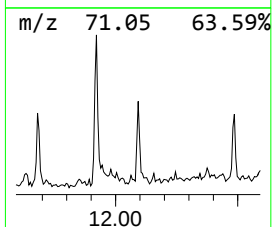
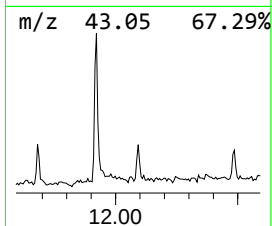
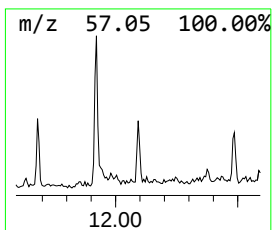
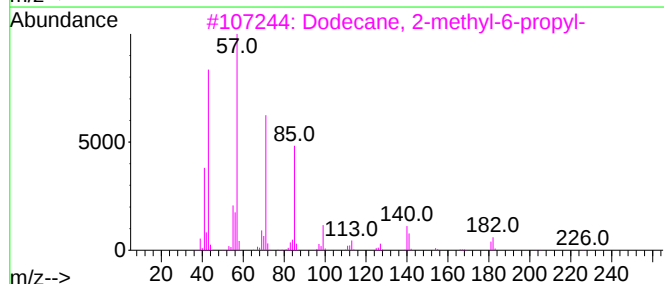
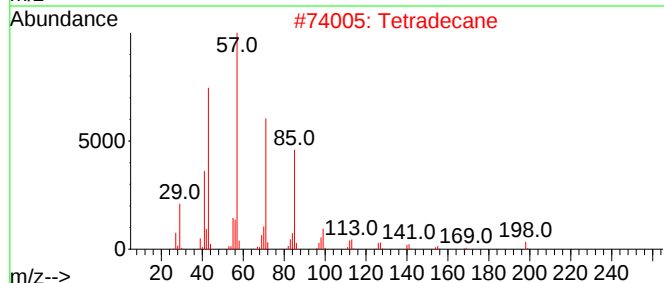
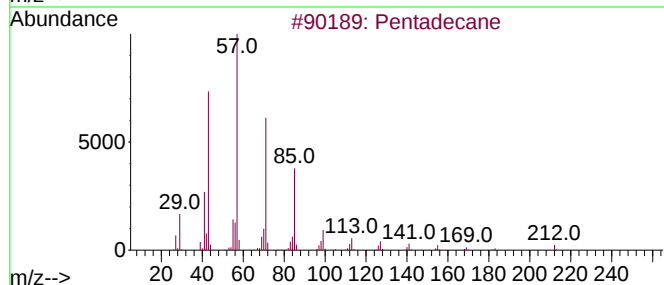
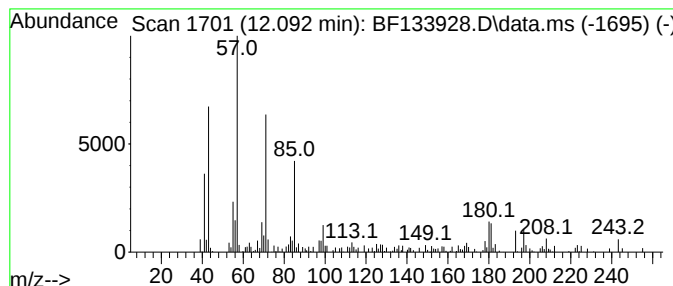
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Pentadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.092	2.78 ng	104076	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecane	212	C15H32	000629-62-9	87
2		Tetradecane	198	C14H30	000629-59-4	70
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	58
5		Heneicosane	296	C21H44	000629-94-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
Acq On : 23 Jun 2023 05:46
Operator : CG\JU
Sample : 03329-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW03-8-15

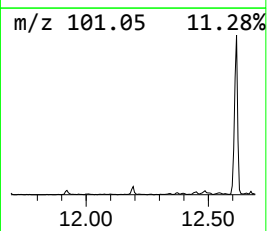
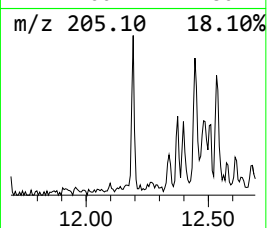
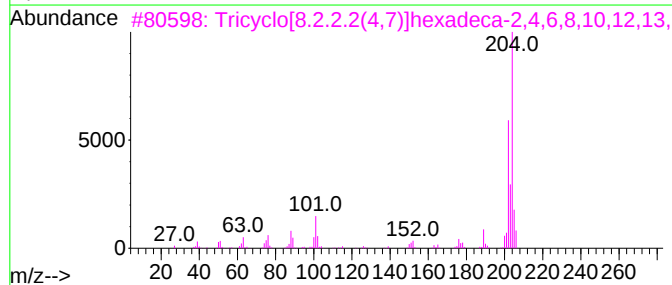
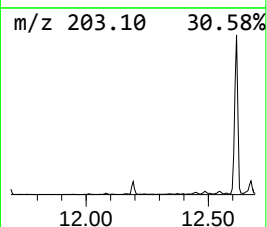
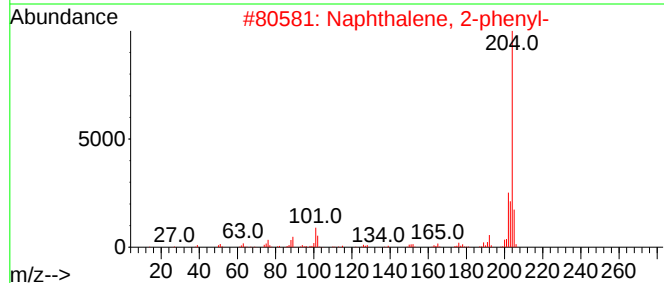
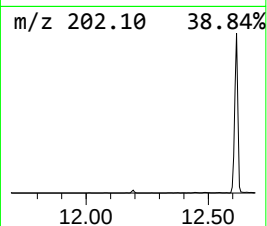
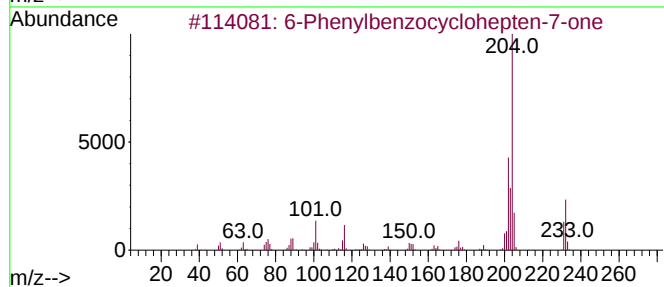
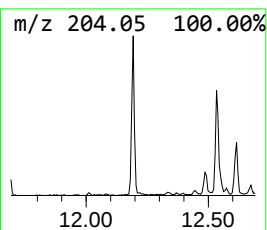
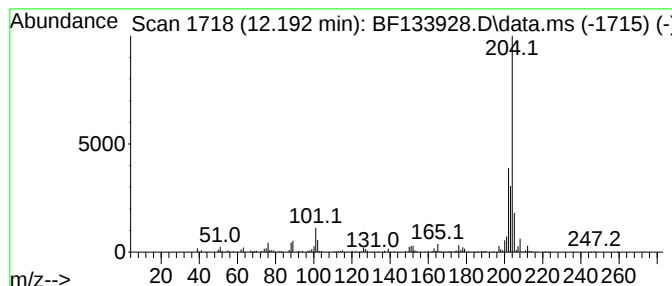
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 6-Phenylbenzocyclohepten-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	2.99 ng	112031	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	53
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
Acq On : 23 Jun 2023 05:46
Operator : CG\JU
Sample : 03329-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

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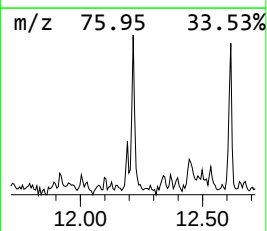
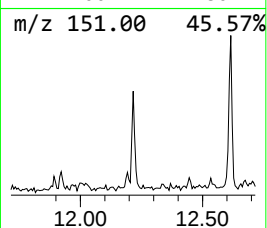
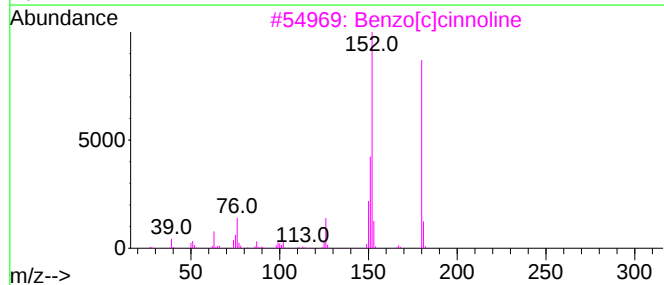
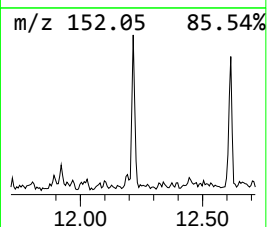
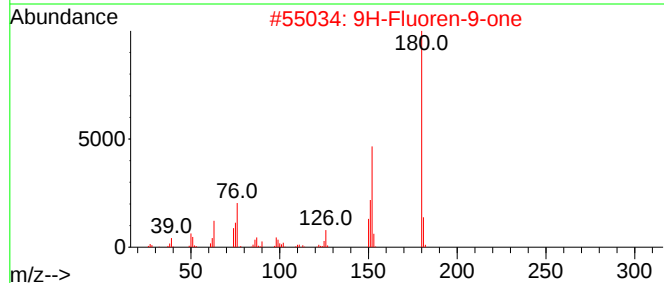
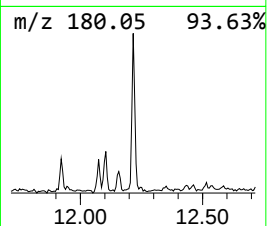
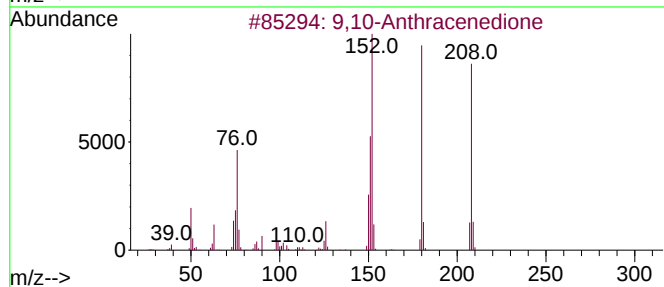
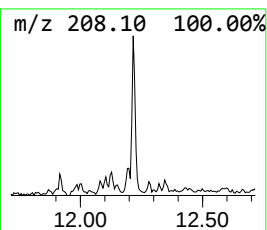
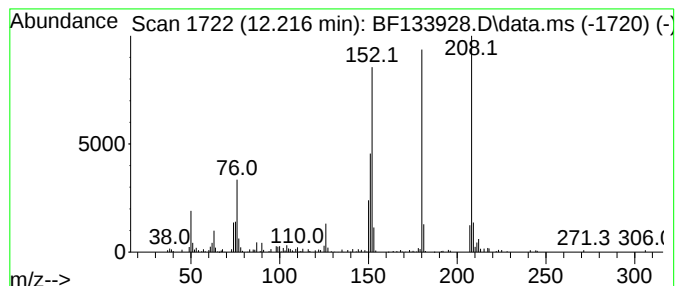
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.216	2.91 ng	108902	Phenanthrene-d10	11.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
3		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
4		Anthraquinone-1-carboxylic acid	252	C15H8O4	000602-69-7	80
5		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60



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Data File : BF133928.D
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Misc :
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ClientSampleId :
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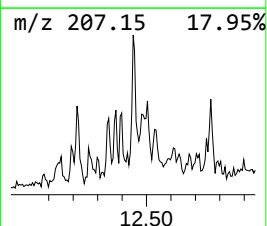
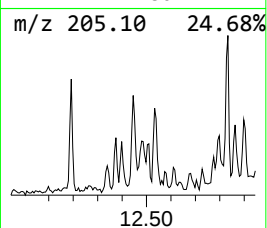
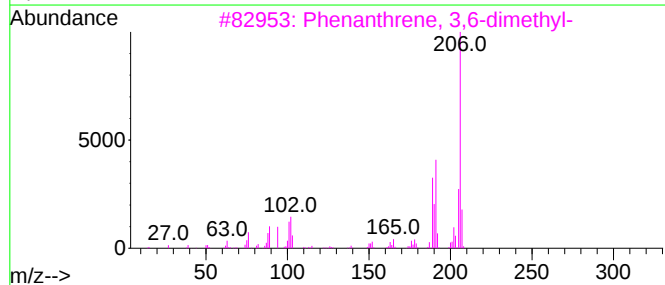
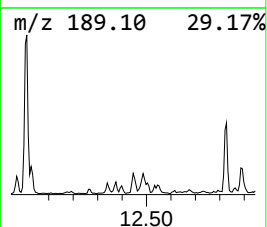
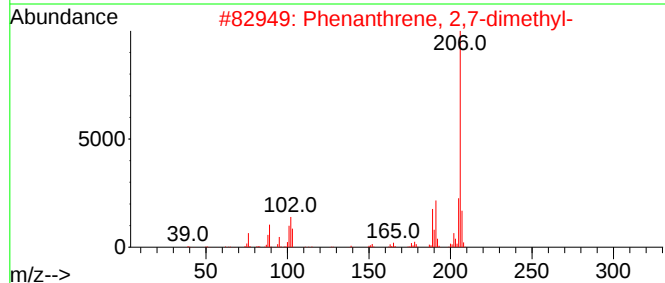
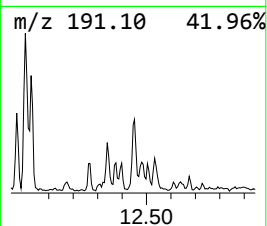
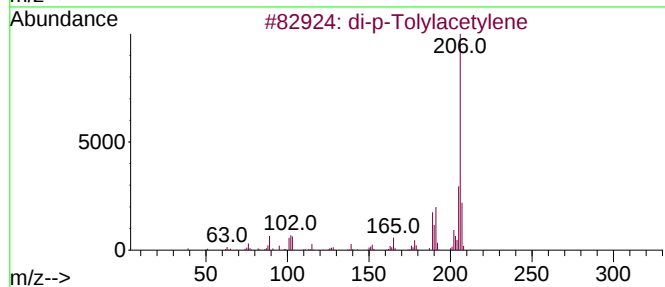
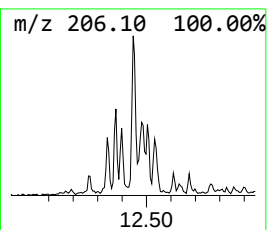
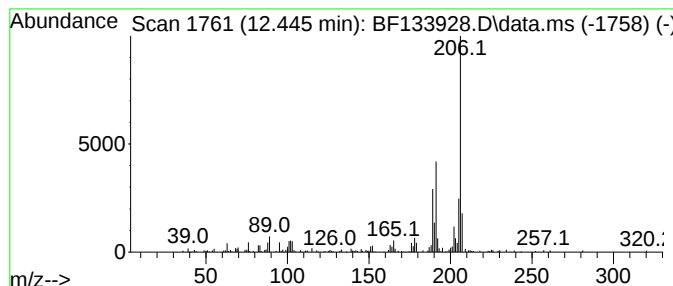
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.445	3.61 ng	135117	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
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Operator : CG\JU
Sample : 03329-07
Misc :
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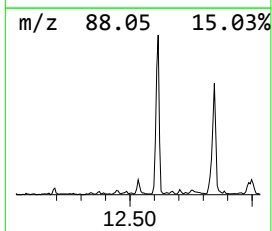
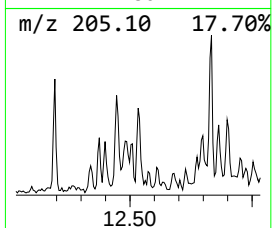
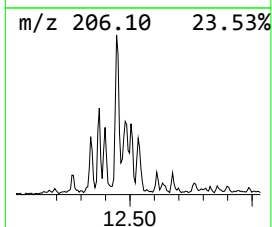
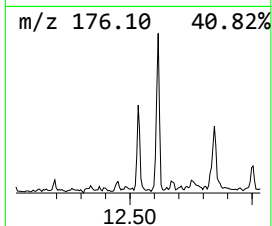
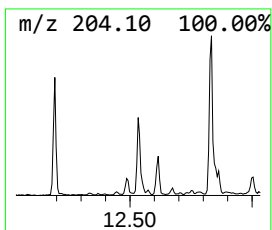
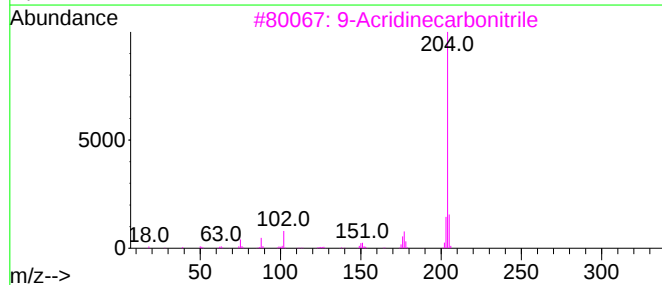
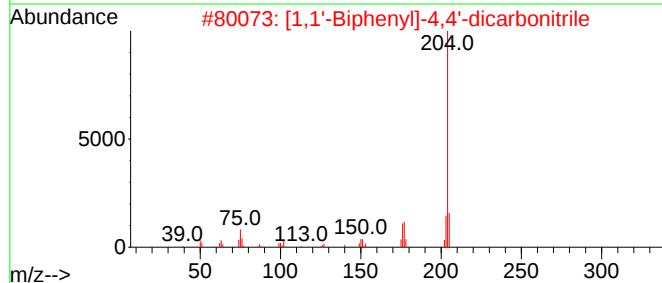
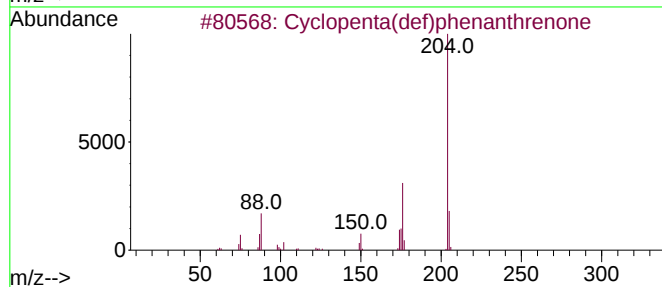
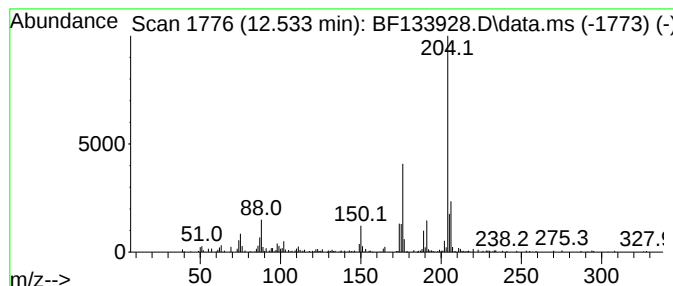
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.533	3.41 ng	127519	Phenanthrene-d10		11.392	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	95
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	49
3	9-Acridinecarbonitrile		204	C14H8N2	005326-19-2	47
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...		204	C16H12	006572-60-7	43
5	1-(4-Methoxyphenyl)-5-methyl-2,3...		204	C11H12N2O2	014058-90-3	43



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ClientSampleId :
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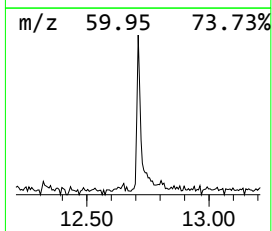
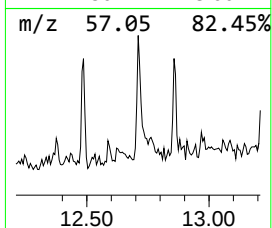
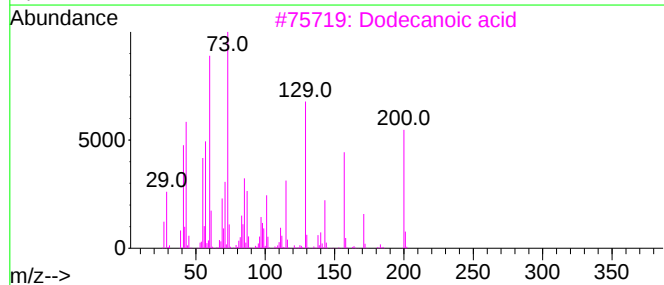
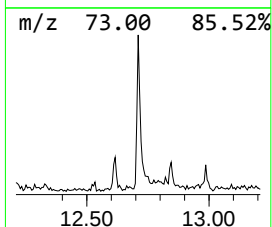
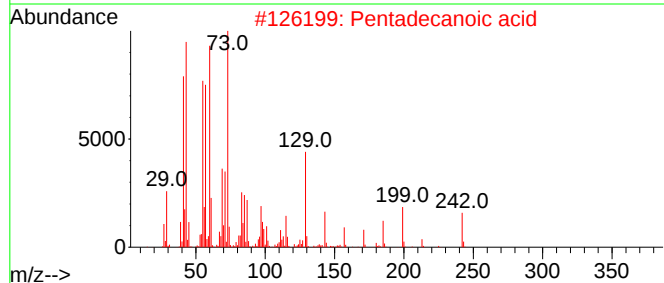
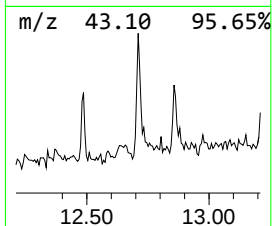
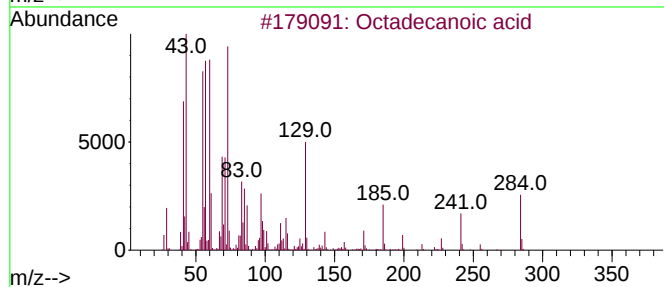
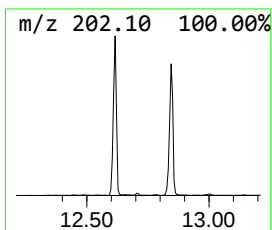
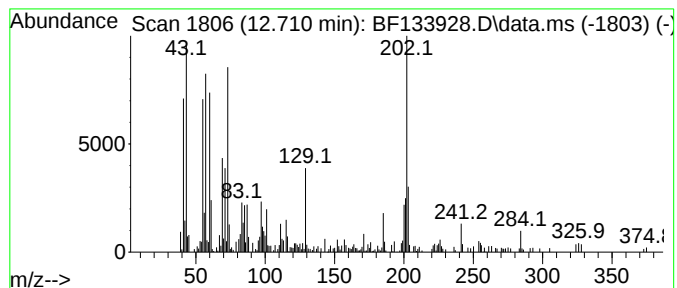
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.710	3.92 ng	146504	Phenanthrene-d10	11.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	66
3			Dodecanoic acid	200	C12H24O2	000143-07-7	49
4			Pyrene	202	C16H10	000129-00-0	42
5			Undecanoic acid	186	C11H22O2	000112-37-8	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
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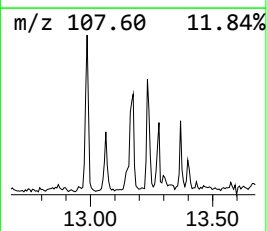
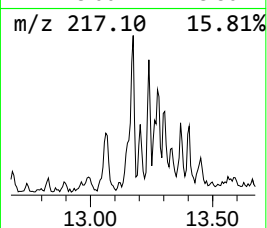
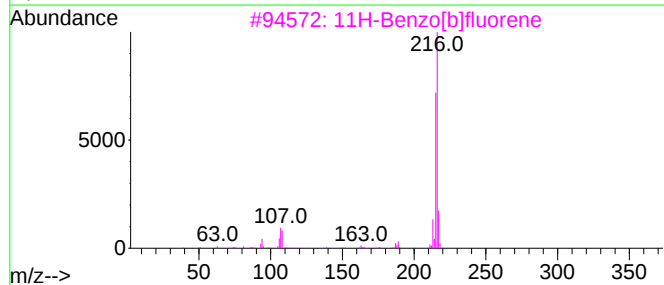
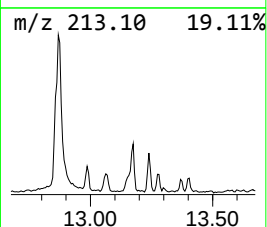
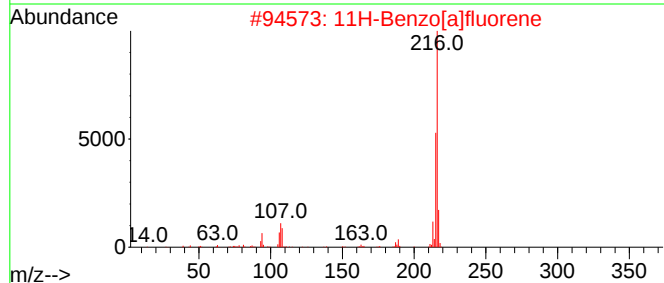
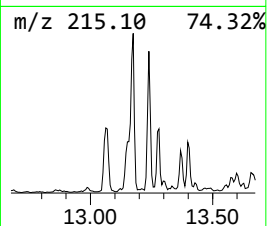
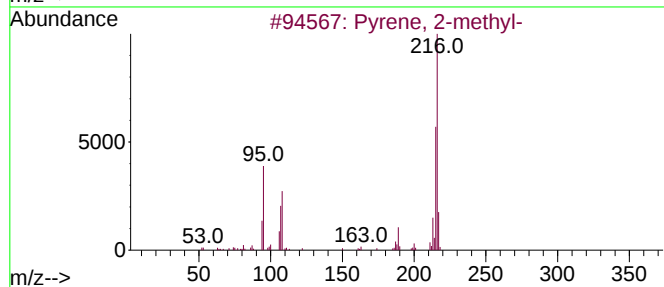
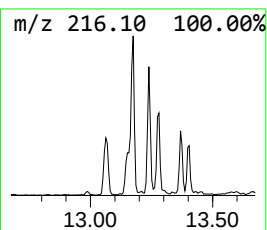
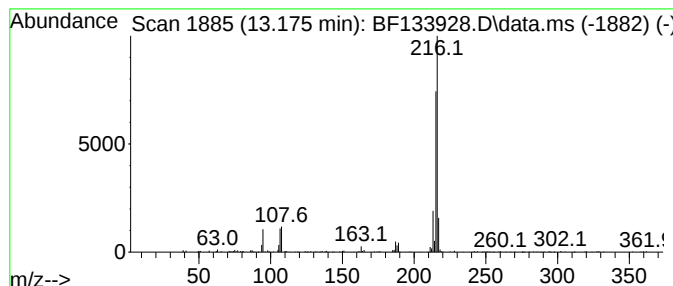
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	2.55 ng	279028	Chrysene-d12	14.051

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
Acq On : 23 Jun 2023 05:46
Operator : CG\JU
Sample : 03329-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

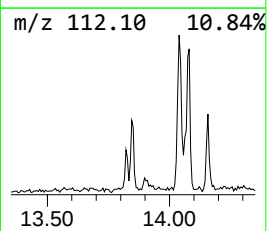
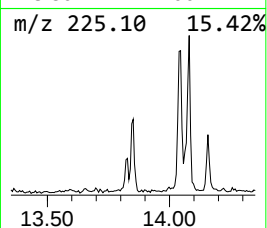
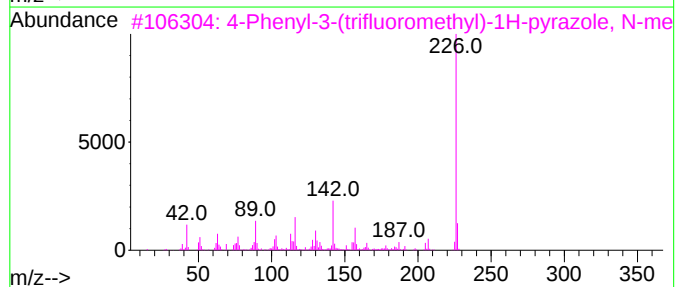
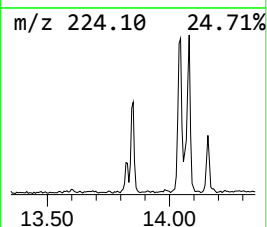
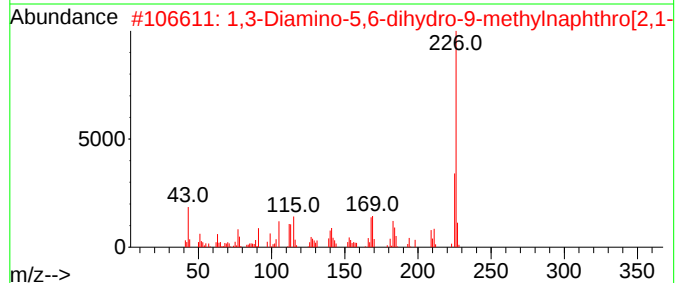
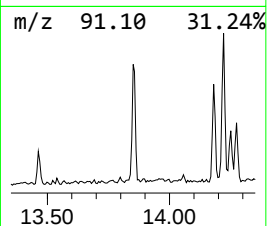
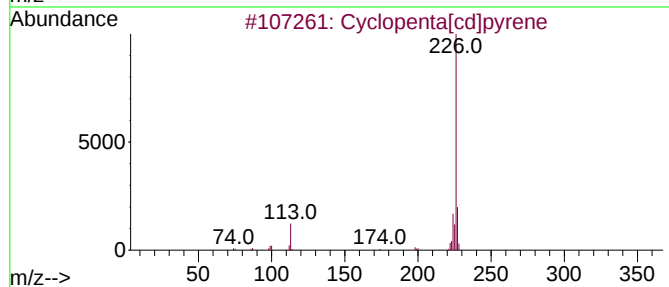
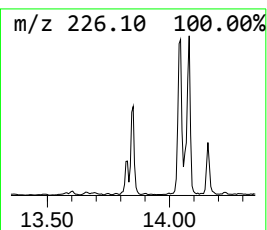
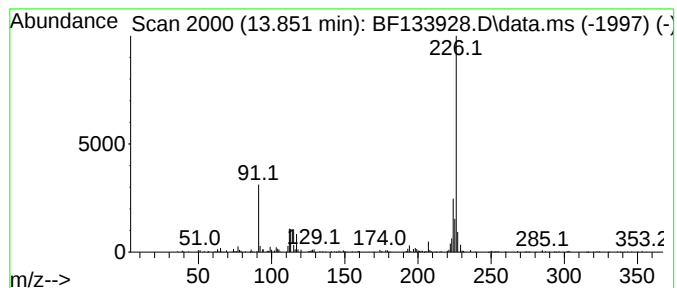
Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW03-8-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	2.40 ng	262108	Chrysene-d12	14.051
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 52
2		1,3-Diamino-5,6-dihydro-9-methyl...	226 C13H14N4	037436-39-8 42
3		4-Phenyl-3-(trifluoromethyl)-1H...	226 C11H9F3N2	096256-50-7 38
4		.beta.-Carboline, 7-methoxy-1,2...	226 C14H14N2O	006519-18-2 38
5		1,3-Diamino-5,6-dihydro-7-methyl...	226 C13H14N4	037436-37-6 33



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
Acq On : 23 Jun 2023 05:46
Operator : CG\JU
Sample : 03329-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW03-8-15

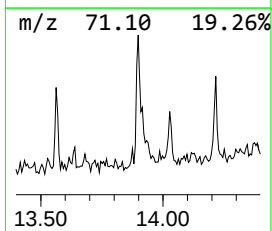
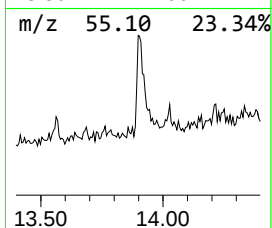
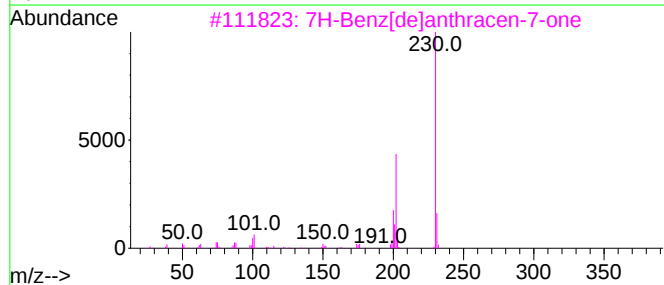
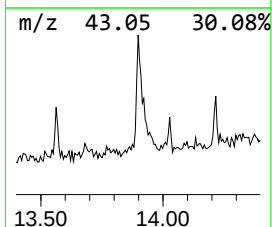
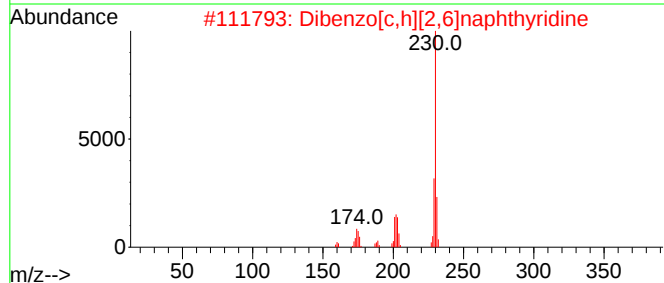
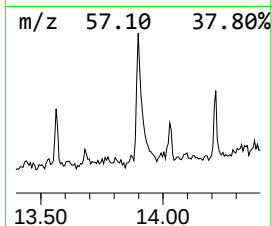
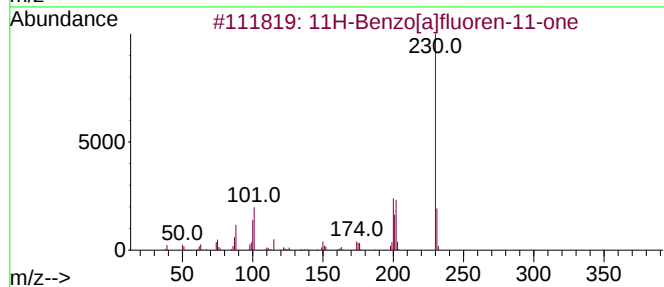
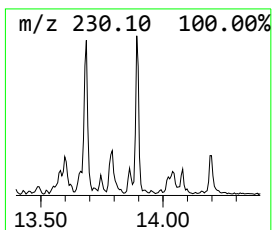
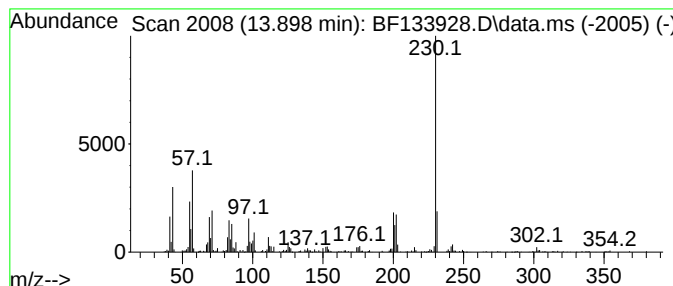
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.898	2.76 ng	302004	Chrysene-d12	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	89
2			Dibenzo[c,h][2,6]naphthyridine	230	C16H10N2	000218-30-4	64
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	62
4			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	58
5			Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
Acq On : 23 Jun 2023 05:46
Operator : CG\JU
Sample : 03329-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW03-8-15

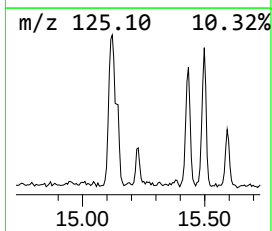
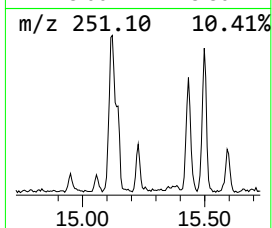
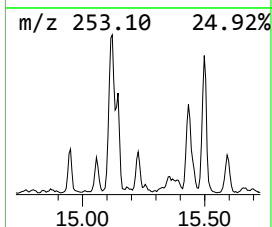
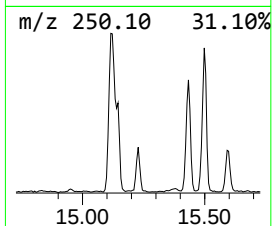
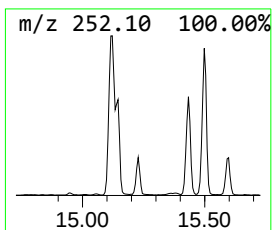
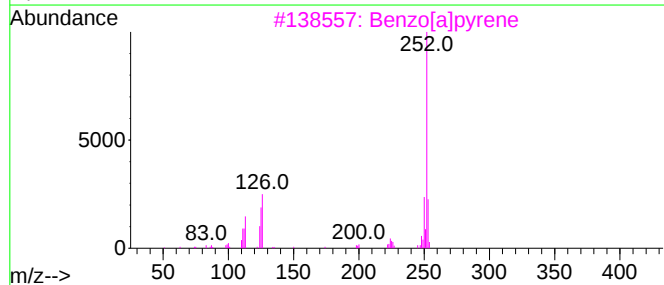
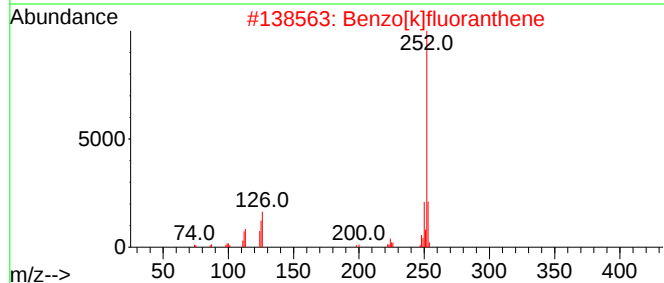
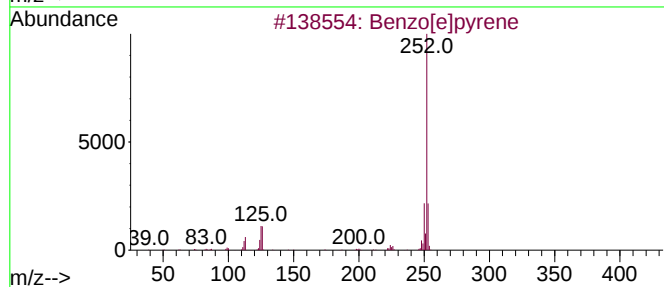
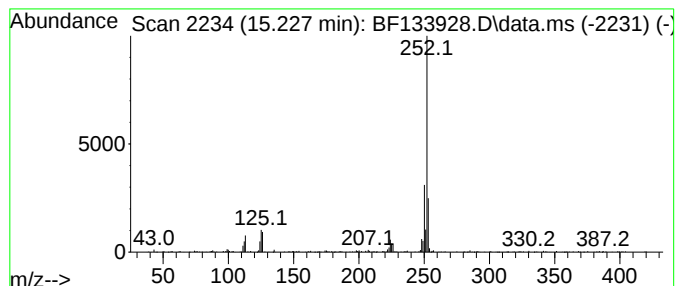
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.227	7.78 ng	177215	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	90
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5			Perylene	252	C20H12	000198-55-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
Data File : BF133928.D
Acq On : 23 Jun 2023 05:46
Operator : CG\JU
Sample : 03329-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSIT-SW03-8-15

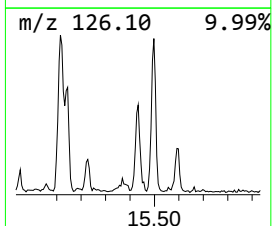
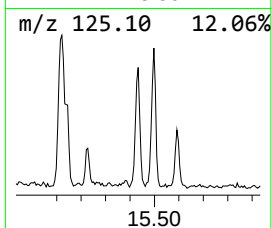
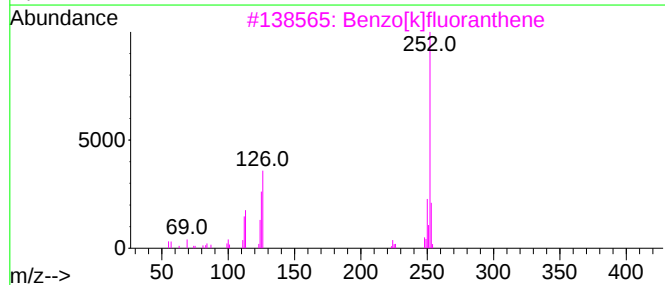
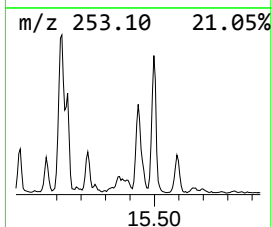
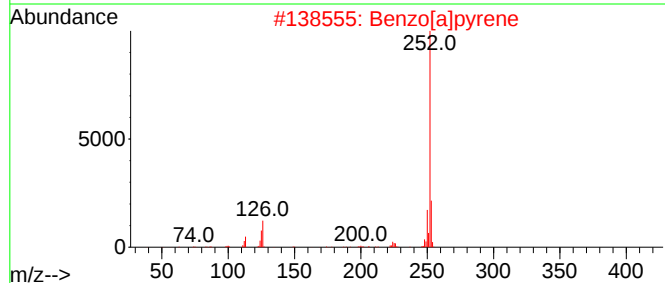
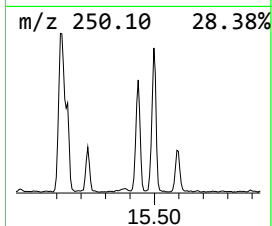
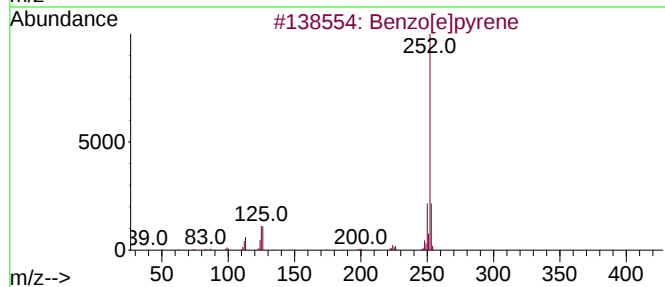
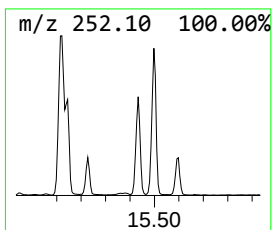
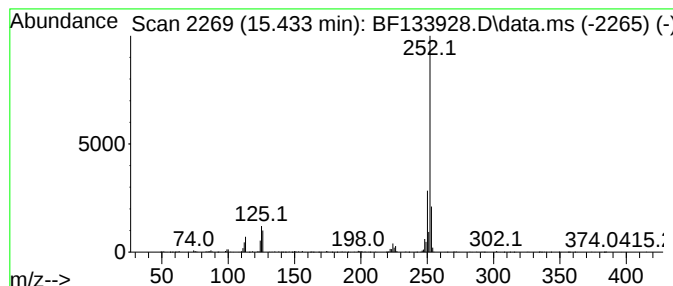
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.433	26.49 ng	603717	Perylene-d12	15.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133928.D
 Acq On : 23 Jun 2023 05:46
 Operator : CG\JU
 Sample : 03329-07
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSIT-SW03-8-15

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.128	19.9	ng	690837	1	6.857	695733	20.0
2-Pentanone, 4-...	5.093	3.4	ng	117806	1	6.857	695733	20.0
Benzophenone	10.610	4.5	ng	194980	3	9.898	858031	20.0
unknown10.816	10.816	3.2	ng	120864	4	11.392	748168	20.0
Octadecane	11.251	2.5	ng	92303	4	11.392	748168	20.0
Naphtho[2,1-b]t...	11.286	2.3	ng	85553	4	11.392	748168	20.0
Phenanthrene, 2...	11.892	4.7	ng	174050	4	11.392	748168	20.0
Anthracene, 2-m...	11.922	12.2	ng	455740	4	11.392	748168	20.0
4H-Cyclopenta[d...	12.004	8.6	ng	321986	4	11.392	748168	20.0
Pentadecane	12.092	2.8	ng	104076	4	11.392	748168	20.0
6-Phenylbenzocy...	12.192	3.0	ng	112031	4	11.392	748168	20.0
9,10-Anthracene...	12.216	2.9	ng	108902	4	11.392	748168	20.0
di-p-Tolylacety...	12.445	3.6	ng	135117	4	11.392	748168	20.0
Cyclopenta(def)...	12.533	3.4	ng	127519	4	11.392	748168	20.0
Octadecanoic acid	12.710	3.9	ng	146504	4	11.392	748168	20.0
Pyrene, 2-methyl-	13.175	2.5	ng	279028	5	14.051	2185880	20.0
Cyclopenta[cd]p...	13.851	2.4	ng	262108	5	14.051	2185880	20.0
11H-Benzo[a]flu...	13.898	2.8	ng	302004	5	14.051	2185880	20.0
Benzo[e]pyrene	15.227	7.8	ng	177215	6	15.563	455782	20.0
Benzo[j]fluoran...	15.433	26.5	ng	603717	6	15.563	455782	20.0