

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
 Data File : BF133860.D
 Acq On : 20 Jun 2023 17:14
 Operator : CG\JU
 Sample : 03109-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-COMP

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF133860.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.116	3	5	13	rVB	152063	159221	15.23%	1.182%
2	3.946	312	316	323	rVB	11091	14881	1.42%	0.111%
3	5.081	506	509	512	rBV	13660	12449	1.19%	0.092%
4	5.487	574	578	592	rVB	862333	782409	74.83%	5.810%
5	6.487	745	748	762	rBV	795030	785338	75.11%	5.832%
6	6.857	807	811	816	rBV	853797	668615	63.95%	4.965%
7	7.416	902	906	914	rVB	619069	496230	47.46%	3.685%
8	8.134	1025	1028	1031	rBV	866304	769974	73.64%	5.718%
9	8.851	1147	1150	1153	rBV	20826	17125	1.64%	0.127%
10	8.951	1163	1167	1170	rBV	13708	12533	1.20%	0.093%
11	9.210	1208	1211	1215	rBV	1089026	892304	85.34%	6.626%
12	9.292	1222	1225	1227	rBV3	15868	14362	1.37%	0.107%
13	9.551	1266	1269	1271	rBV	19018	17921	1.71%	0.133%
14	9.669	1285	1289	1294	rBV6	8507	11776	1.13%	0.087%
15	9.757	1299	1304	1307	rBV	34271	36741	3.51%	0.273%
16	9.892	1324	1327	1331	rBV	846902	678811	64.92%	5.041%
17	9.928	1331	1333	1337	rVB	46059	37642	3.60%	0.280%
18	10.051	1350	1354	1358	rBV6	10072	13398	1.28%	0.099%
19	10.098	1359	1362	1366	rVV2	33976	34755	3.32%	0.258%
20	10.139	1366	1369	1374	rVB6	9582	12953	1.24%	0.096%
21	10.304	1393	1397	1398	rBV4	12877	15117	1.45%	0.112%
22	10.322	1398	1400	1403	rVB2	13973	12246	1.17%	0.091%
23	10.445	1417	1421	1427	rVB	40265	44825	4.29%	0.333%
24	10.610	1445	1449	1451	rVB2	63388	57779	5.53%	0.429%
25	10.686	1458	1462	1466	rBV	514970	477469	45.67%	3.546%
26	10.810	1478	1483	1486	rBV5	33468	44547	4.26%	0.331%
27	11.145	1538	1540	1544	rVB4	13304	13402	1.28%	0.100%
28	11.192	1545	1548	1551	rVV2	17811	17011	1.63%	0.126%
29	11.251	1553	1558	1560	rVV5	21133	34800	3.33%	0.258%
30	11.280	1560	1563	1568	rVB	34052	37968	3.63%	0.282%
31	11.386	1577	1581	1583	rBV	812075	684882	65.50%	5.086%
32	11.410	1583	1585	1589	rVV	445670	358613	34.30%	2.663%
33	11.463	1591	1594	1597	rVV	117798	95714	9.15%	0.711%
34	11.498	1598	1600	1604	rVB3	14282	17693	1.69%	0.131%
35	11.622	1618	1621	1629	rVB2	25831	32884	3.15%	0.244%
36	11.680	1629	1631	1635	rVB2	18962	16768	1.60%	0.125%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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37	11.722	1635	1638	1641	rBV2	14925	14899	1.42%	0.111%
38	11.892	1664	1667	1669	rBV	75128	66150	6.33%	0.491%
39	11.922	1669	1672	1675	rVV	111794	121415	11.61%	0.902%
40	11.969	1677	1680	1682	rVV	44024	46715	4.47%	0.347%
41	12.004	1682	1686	1688	rVV2	116266	127906	12.23%	0.950%
42	12.027	1688	1690	1694	rVB	53081	49198	4.71%	0.365%
43	12.186	1715	1717	1720	rBV	51411	52954	5.06%	0.393%
44	12.216	1720	1722	1725	rVB2	35554	31663	3.03%	0.235%
45	12.339	1741	1743	1746	rVB3	28482	22446	2.15%	0.167%
46	12.369	1746	1748	1750	rBV	25787	21729	2.08%	0.161%
47	12.445	1758	1761	1763	rBV	63842	64147	6.14%	0.476%
48	12.480	1765	1767	1769	rVV2	40506	37130	3.55%	0.276%
49	12.527	1773	1775	1780	rBV2	53992	62769	6.00%	0.466%
50	12.610	1785	1789	1792	rVV	778578	678229	64.87%	5.037%
51	12.839	1822	1828	1831	rBV	764013	767747	73.43%	5.701%
52	12.957	1846	1848	1849	rBV2	29746	22913	2.19%	0.170%
53	12.980	1849	1852	1859	rVB	945711	843988	80.72%	6.268%
54	13.063	1862	1866	1868	rVV2	49859	65242	6.24%	0.484%
55	13.145	1877	1880	1881	rBV3	52778	55779	5.33%	0.414%
56	13.169	1881	1884	1887	rVB	102299	109758	10.50%	0.815%
57	13.239	1893	1896	1898	rVB	53862	49226	4.71%	0.366%
58	13.274	1898	1902	1904	rBV2	92778	107305	10.26%	0.797%
59	13.369	1915	1918	1920	rVB	54121	47012	4.50%	0.349%
60	13.398	1920	1923	1926	rBV	58944	65769	6.29%	0.488%
61	13.469	1933	1935	1941	rVB2	66195	65950	6.31%	0.490%
62	13.680	1968	1971	1976	rVB	64617	64971	6.21%	0.482%
63	13.821	1993	1995	1997	rBV	60222	42127	4.03%	0.313%
64	13.892	2005	2007	2010	rBV2	57248	44764	4.28%	0.332%
65	14.045	2028	2033	2036	rBV2	807515	1045564	100.00%	7.765%
66	14.074	2036	2038	2044	rVB	305577	276734	26.47%	2.055%
67	15.110	2210	2214	2217	rBV	226106	357882	34.23%	2.658%
68	15.492	2275	2279	2285	rBV	158876	247008	23.62%	1.834%
69	15.557	2286	2290	2293	rBV	288771	357616	34.20%	2.656%

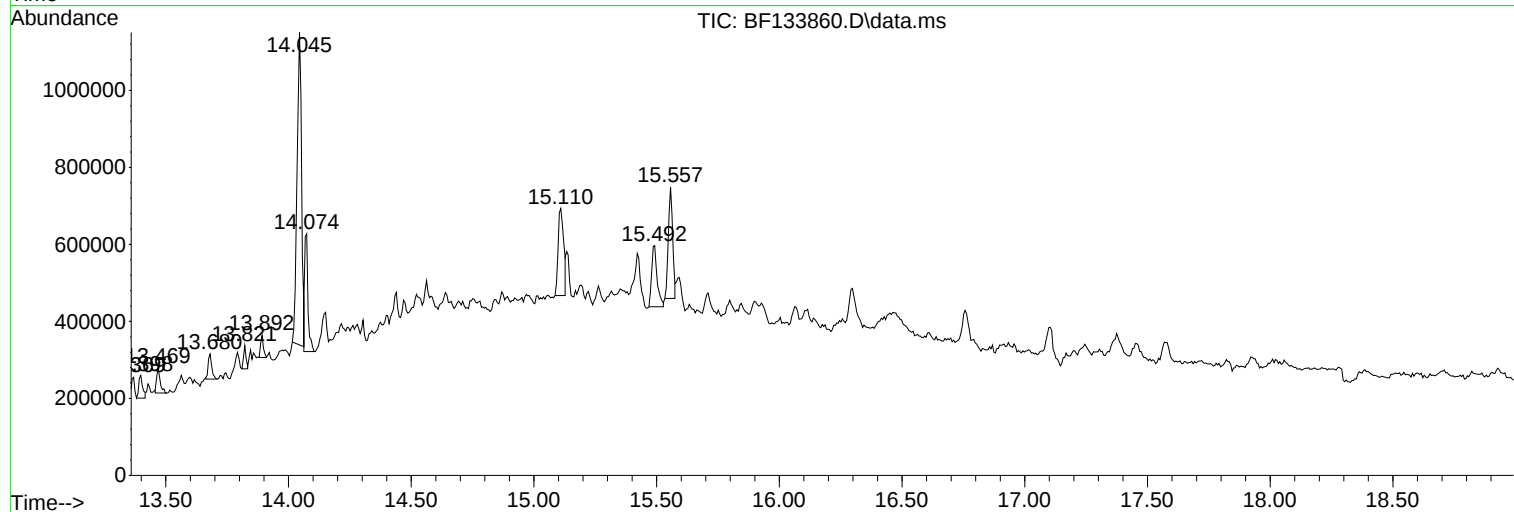
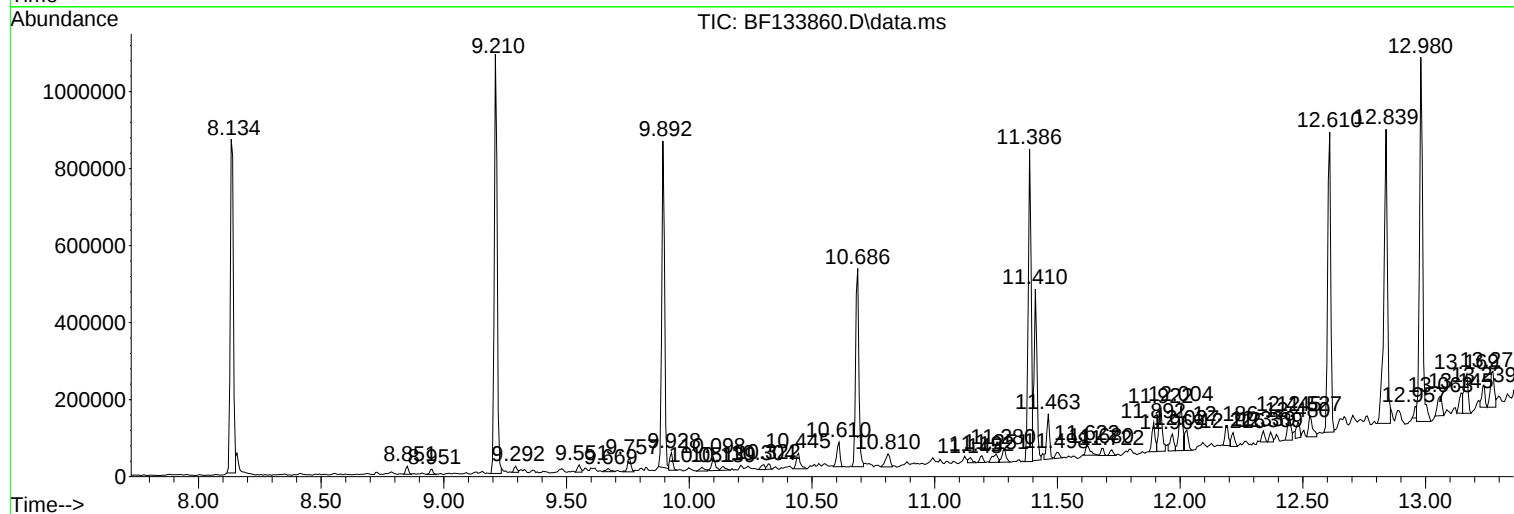
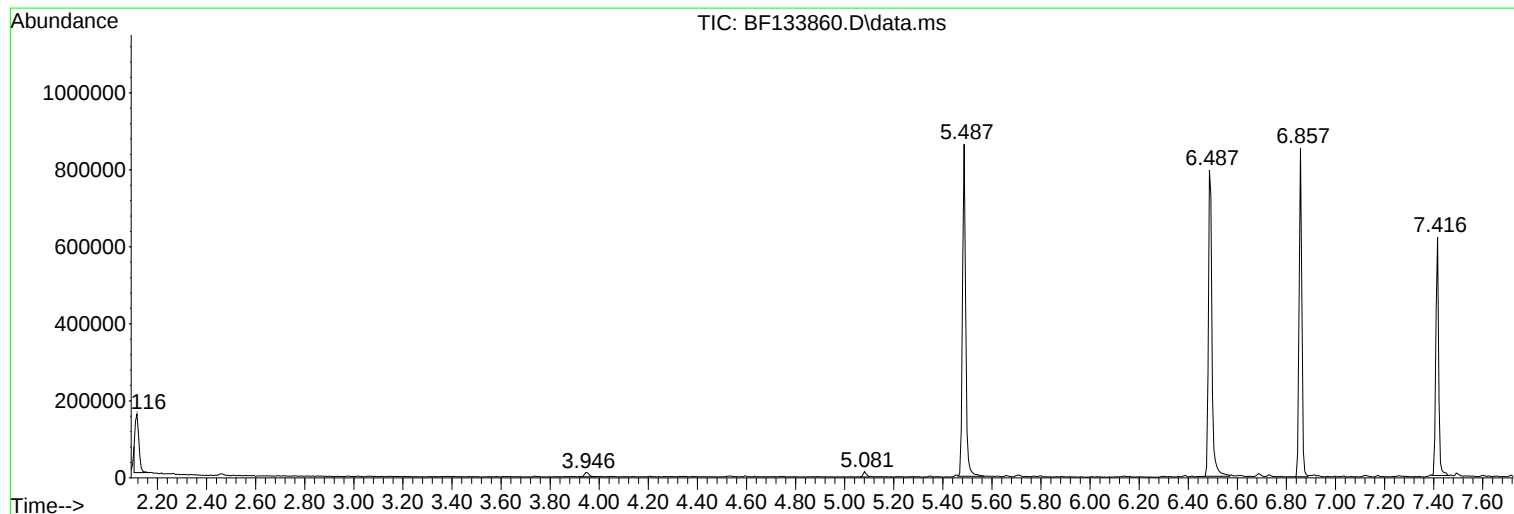
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

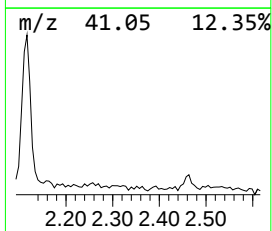
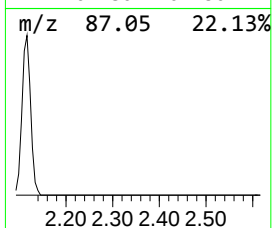
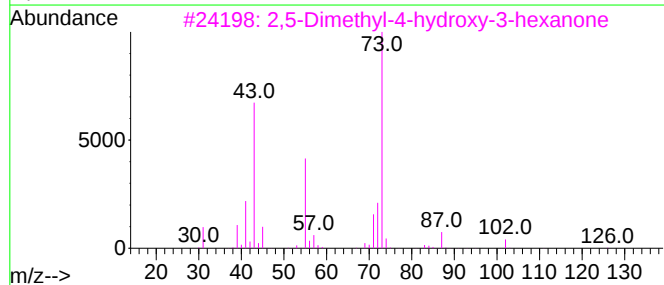
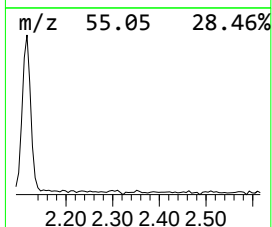
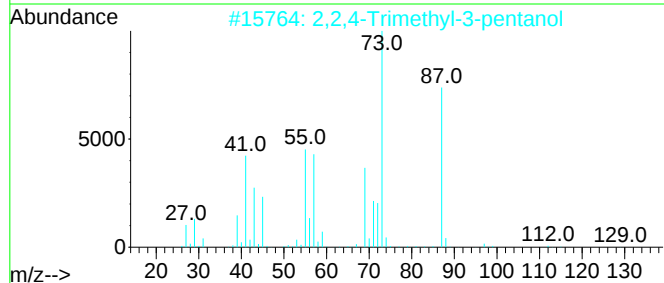
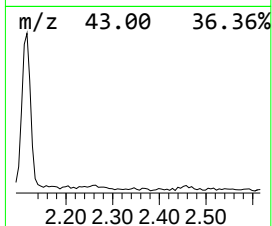
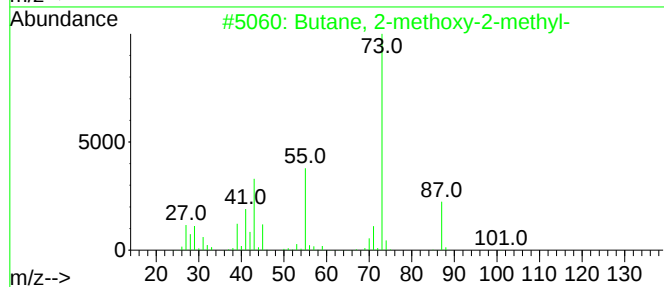
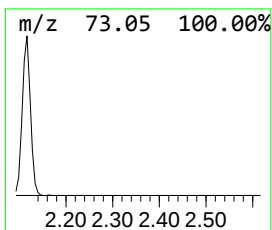
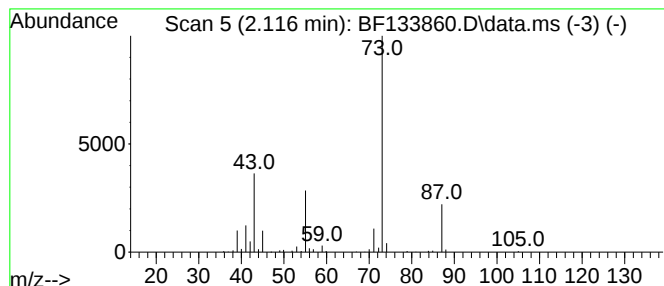
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.116	4.76 ng	159221	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	78
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
4			1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	25
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	17



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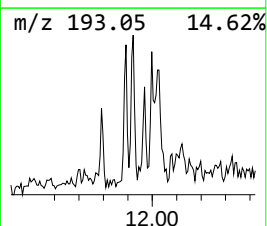
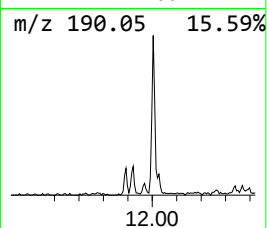
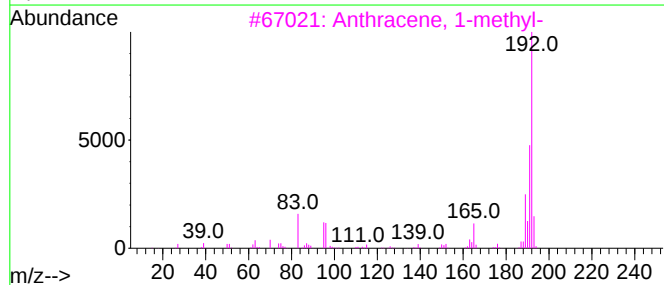
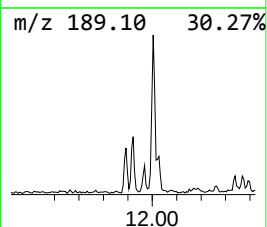
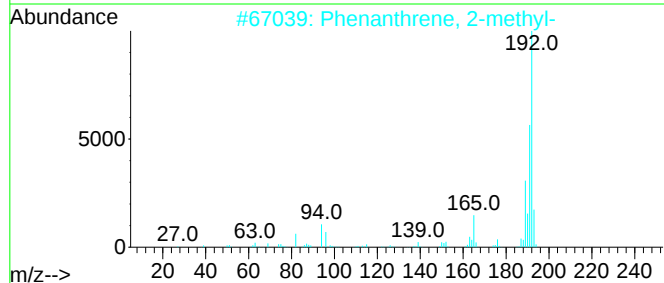
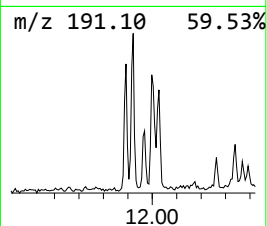
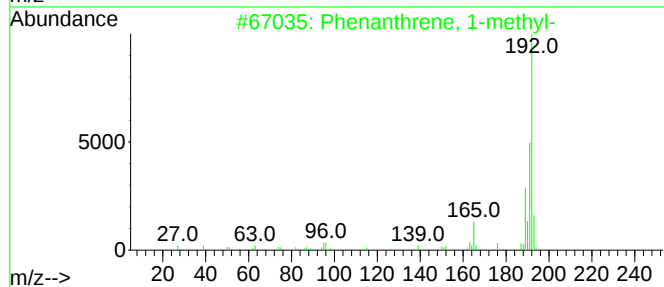
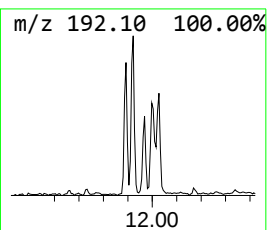
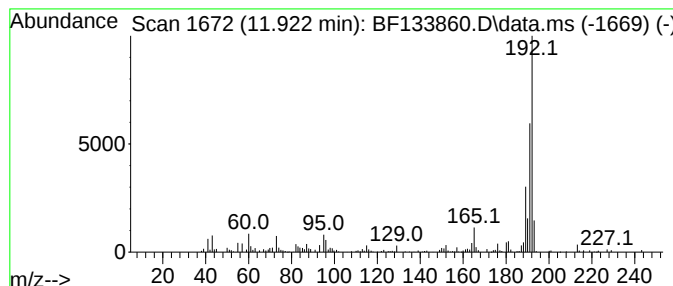
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	3.55 ng	121415	Phenanthrene-d10	11.386

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	89
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	89



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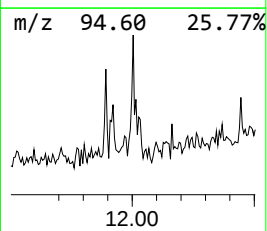
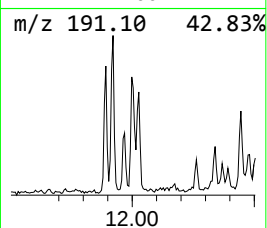
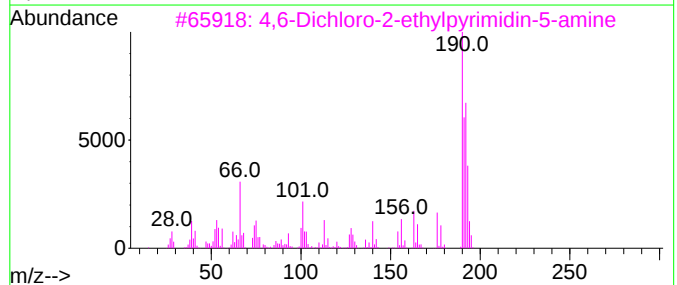
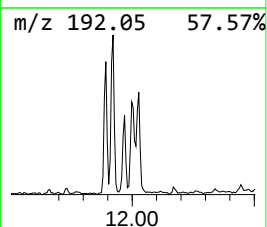
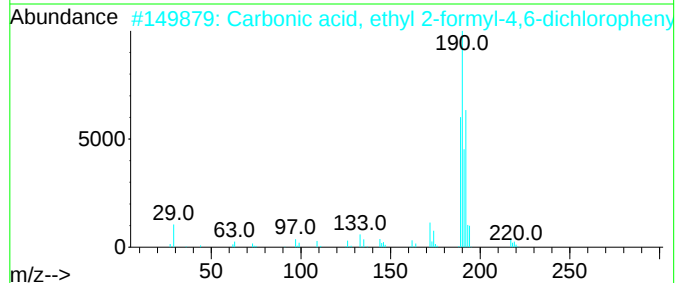
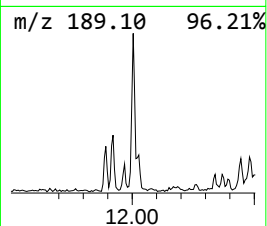
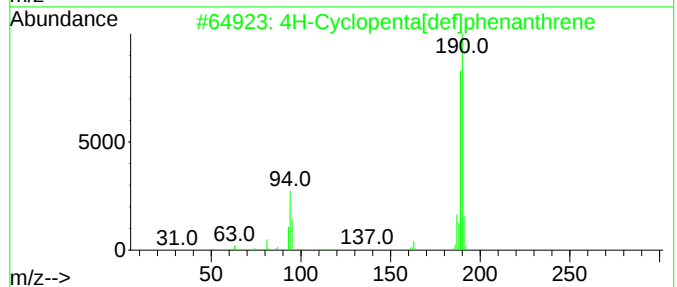
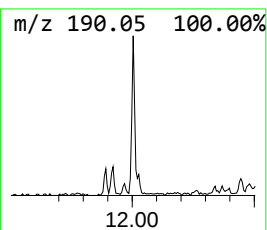
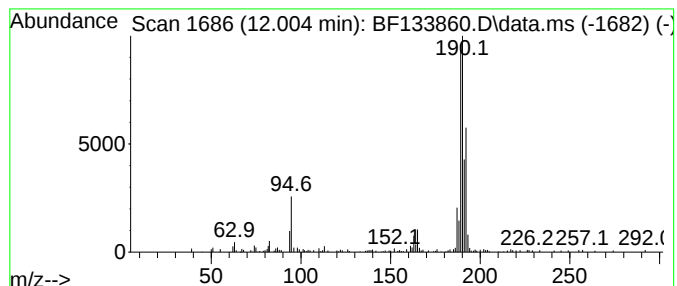
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.74 ng	127906	Phenanthrene-d10	11.386

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3			4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	22
5			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18



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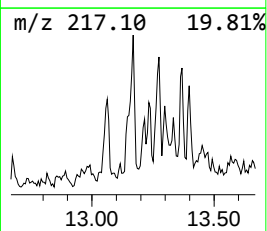
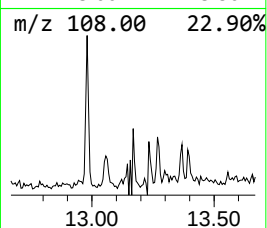
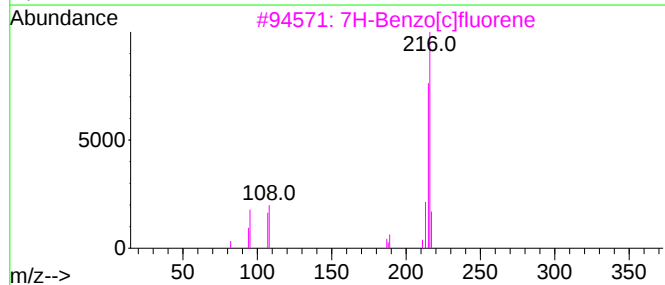
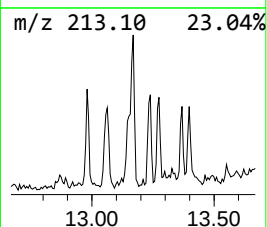
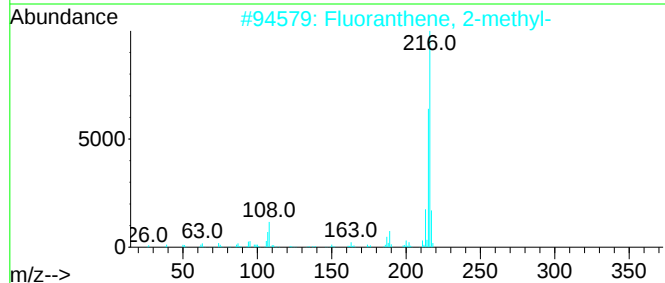
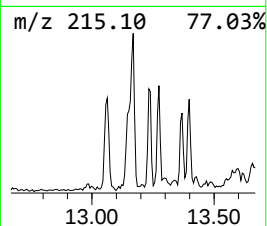
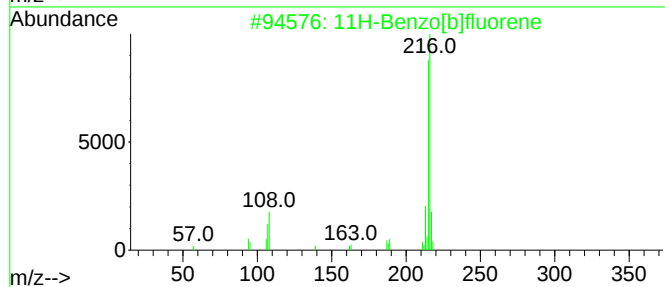
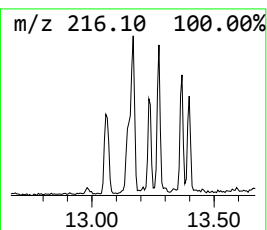
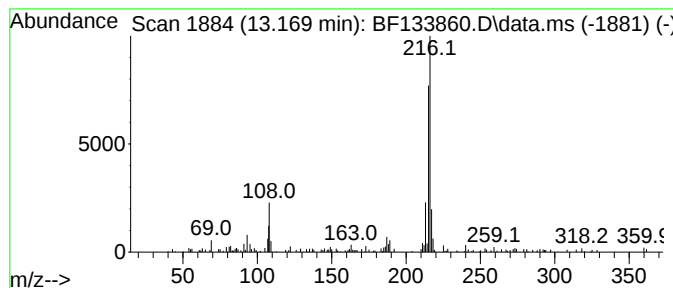
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	2.10 ng	109758	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133860.D
Acq On : 20 Jun 2023 17:14
Operator : CG\JU
Sample : 03109-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

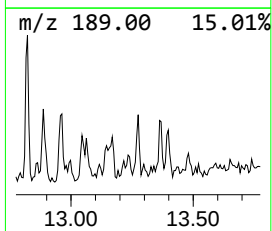
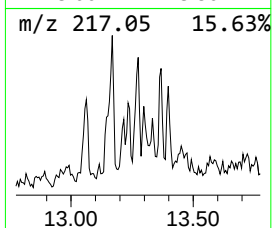
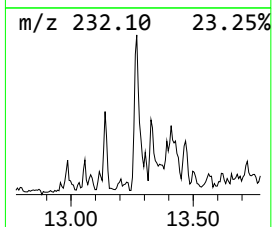
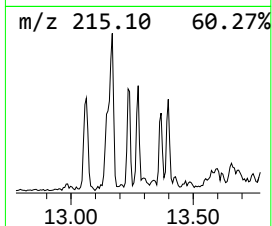
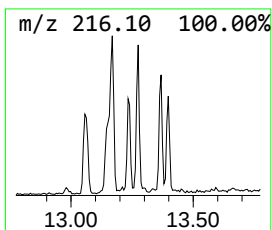
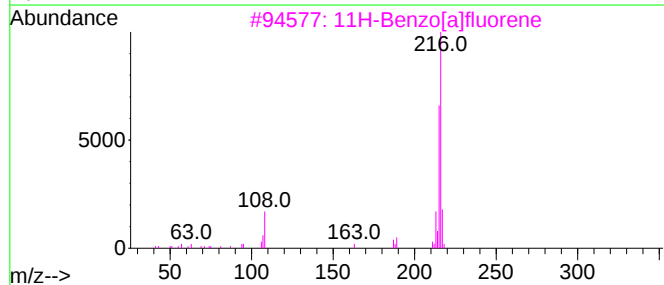
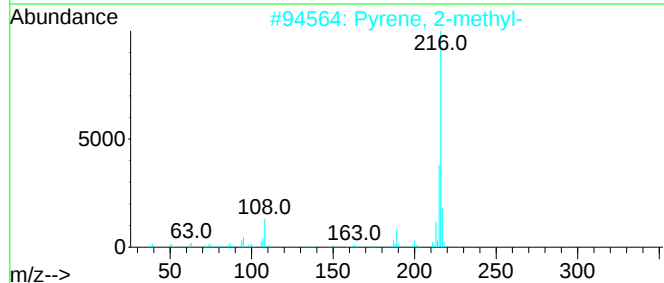
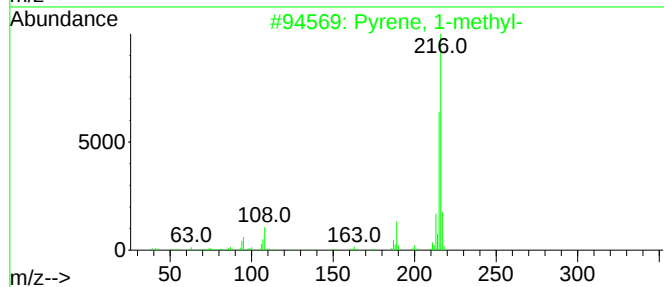
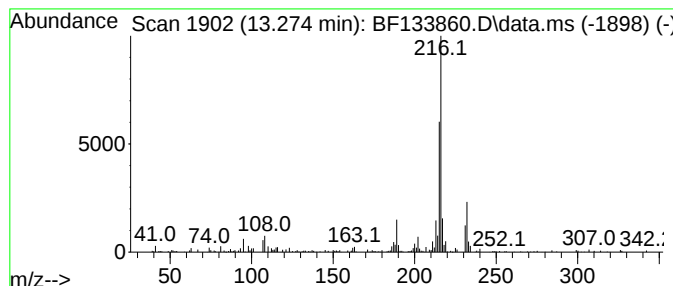
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Pyrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	2.05 ng	107305	Chrysene-d12	14.045

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	89
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	86
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062023\
Data File : BF133860.D
Acq On : 20 Jun 2023 17:14
Operator : CG\JU
Sample : 03109-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-1-COMP

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-metho...	2.116	4.8	ng	159221	1	6.857	668615	20.0
Phenanthrene, 1...	11.922	3.5	ng	121415	4	11.386	684882	20.0
4H-Cyclopenta[d...	12.004	3.7	ng	127906	4	11.386	684882	20.0
11H-Benzo[b]flu...	13.169	2.1	ng	109758	5	14.045	1045560	20.0
Pyrene, 1-methyl-	13.274	2.0	ng	107305	5	14.045	1045560	20.0