

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135535.D
 Acq On : 02 Oct 2023 19:18
 Operator : CG\JU
 Sample : 04636-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-09272023

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-BF091123.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135535.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.375	556	559	578	rBV	2892889	3085736	100.00%	7.303%
2	6.392	728	732	743	rBV	2869135	3038726	98.48%	7.192%
3	6.587	759	765	769	rBV	56695	85736	2.78%	0.203%
4	6.739	788	791	797	rVB	1082282	972799	31.53%	2.302%
5	7.004	831	836	840	rVB2	52891	65572	2.13%	0.155%
6	7.310	884	888	891	rBV	2023044	1886311	61.13%	4.464%
7	7.381	895	900	903	rVB5	36731	61573	2.00%	0.146%
8	7.769	962	966	970	rBV4	41979	63692	2.06%	0.151%
9	8.022	1002	1009	1011	rBV	1326999	1210742	39.24%	2.866%
10	8.039	1011	1012	1015	rVV	191638	149670	4.85%	0.354%
11	8.081	1015	1019	1021	rVB	95265	95585	3.10%	0.226%
12	8.310	1050	1058	1060	rBV7	58322	98728	3.20%	0.234%
13	8.398	1070	1073	1076	rVB2	52217	52789	1.71%	0.125%
14	8.439	1076	1080	1082	rBV	157680	147222	4.77%	0.348%
15	8.733	1128	1130	1133	rBV	152853	109058	3.53%	0.258%
16	8.833	1143	1147	1150	rVB	137122	132553	4.30%	0.314%
17	9.039	1180	1182	1186	rVB	172297	132468	4.29%	0.314%
18	9.098	1187	1192	1195	rBV	3266125	2758208	89.39%	6.528%
19	9.175	1201	1205	1207	rBV3	70371	93580	3.03%	0.221%
20	9.216	1210	1212	1215	rVB	70505	65259	2.11%	0.154%
21	9.369	1233	1238	1240	rBV2	87779	106051	3.44%	0.251%
22	9.433	1246	1249	1251	rBV	145703	140516	4.55%	0.333%
23	9.463	1251	1254	1255	rVV2	87169	91581	2.97%	0.217%
24	9.498	1257	1260	1263	rVV	201792	182147	5.90%	0.431%
25	9.551	1267	1269	1273	rVB2	68091	65853	2.13%	0.156%
26	9.639	1281	1284	1288	rBV2	112570	115395	3.74%	0.273%
27	9.680	1288	1291	1293	rVB	70249	54815	1.78%	0.130%
28	9.775	1300	1307	1310	rBV	1283026	1156173	37.47%	2.736%
29	9.810	1310	1313	1317	rVB	507931	421511	13.66%	0.998%
30	9.886	1323	1326	1329	rVB2	46842	54524	1.77%	0.129%
31	9.933	1329	1334	1337	rBV4	50793	71457	2.32%	0.169%
32	9.980	1337	1342	1346	rVV	331743	334880	10.85%	0.793%
33	10.022	1346	1349	1356	rVB3	74707	105788	3.43%	0.250%
34	10.092	1358	1361	1364	rBV	65200	62731	2.03%	0.148%
35	10.180	1373	1376	1379	rBV4	44602	60790	1.97%	0.144%
36	10.327	1397	1401	1406	rVB	534563	481094	15.59%	1.139%

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.486	1425	1428	1431	rVB	98029	93877	3.04%	0.222%
38	10.569	1439	1442	1448	rBV	1514017	1365598	44.26%	3.232%
39	10.698	1459	1464	1471	rVB2	65744	101731	3.30%	0.241%
40	10.763	1471	1475	1481	rBV6	28014	54740	1.77%	0.130%
41	10.880	1489	1495	1497	rBV2	86826	116273	3.77%	0.275%
42	10.904	1497	1499	1502	rVV	58363	60824	1.97%	0.144%
43	11.116	1532	1535	1540	rVV3	43739	62706	2.03%	0.148%
44	11.163	1540	1543	1549	rVB	206267	199811	6.48%	0.473%
45	11.269	1558	1561	1563	rBV	1047496	944685	30.61%	2.236%
46	11.298	1563	1566	1569	rVV	2246211	2010340	65.15%	4.758%
47	11.345	1569	1574	1578	rVV	801383	698194	22.63%	1.652%
48	11.386	1578	1581	1586	rVB2	56434	70243	2.28%	0.166%
49	11.510	1597	1602	1609	rBV	264444	265426	8.60%	0.628%
50	11.563	1609	1611	1615	rVV2	48061	55714	1.81%	0.132%
51	11.604	1615	1618	1623	rVB2	60214	76966	2.49%	0.182%
52	11.686	1630	1632	1636	rVB	45729	49893	1.62%	0.118%
53	11.774	1643	1647	1649	rBV	261865	225167	7.30%	0.533%
54	11.804	1649	1652	1657	rVV	634313	593077	19.22%	1.404%
55	11.851	1657	1660	1663	rVV	150380	137878	4.47%	0.326%
56	11.886	1663	1666	1668	rVV	529385	492477	15.96%	1.166%
57	11.910	1668	1670	1676	rVB	175919	153790	4.98%	0.364%
58	12.074	1695	1698	1701	rBV	153955	148604	4.82%	0.352%
59	12.104	1701	1703	1706	rVB	85005	73823	2.39%	0.175%
60	12.327	1737	1741	1744	rBV	153679	166105	5.38%	0.393%
61	12.363	1744	1747	1749	rVV2	97349	104547	3.39%	0.247%
62	12.421	1753	1757	1760	rBV3	102896	133747	4.33%	0.317%
63	12.492	1765	1769	1772	rBV	2473585	2158421	69.95%	5.108%
64	12.527	1772	1775	1778	rVV3	86690	86370	2.80%	0.204%
65	12.592	1783	1786	1790	rBV2	90662	101468	3.29%	0.240%
66	12.639	1791	1794	1797	rVB	118178	112487	3.65%	0.266%
67	12.721	1802	1808	1811	rVV	2020999	2214238	71.76%	5.241%
68	12.769	1814	1816	1821	rVB2	95841	115437	3.74%	0.273%
69	12.863	1829	1832	1839	rVB	2191210	2104385	68.20%	4.981%
70	12.939	1841	1845	1850	rBV3	117491	206657	6.70%	0.489%
71	13.027	1857	1860	1861	rBV2	127419	126742	4.11%	0.300%
72	13.051	1861	1864	1867	rVB	375439	363994	11.80%	0.861%
73	13.116	1873	1875	1878	rVB	336394	275195	8.92%	0.651%
74	13.157	1878	1882	1884	rBV2	185693	204583	6.63%	0.484%
75	13.251	1895	1898	1900	rBV	112142	101570	3.29%	0.240%
76	13.280	1900	1903	1906	rBV	134247	124451	4.03%	0.295%

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77	13.539	1944	1947	1949	rBV3	62155	66618	2.16%	0.158%
78	13.568	1950	1952	1955	rVB	94975	90335	2.93%	0.214%
79	13.674	1967	1970	1972	rBV	159508	138509	4.49%	0.328%
80	13.698	1972	1974	1977	rVV	142659	125511	4.07%	0.297%
81	13.727	1977	1979	1981	rVV	128150	130630	4.23%	0.309%
82	13.780	1985	1988	1995	rVB4	153510	250916	8.13%	0.594%
83	13.927	2006	2013	2016	rBV3	1276131	2106660	68.27%	4.986%
84	13.957	2016	2018	2021	rVB	861975	700468	22.70%	1.658%
85	14.033	2029	2031	2034	rVB	212151	173392	5.62%	0.410%
86	14.086	2037	2040	2045	rBV3	66212	108137	3.50%	0.256%
87	14.127	2045	2047	2049	rVV	67331	62243	2.02%	0.147%
88	14.163	2051	2053	2055	rVB	82953	61210	1.98%	0.145%
89	14.280	2071	2073	2075	rBV	80732	69639	2.26%	0.165%
90	14.321	2077	2080	2082	rVB	148398	147871	4.79%	0.350%
91	14.351	2083	2085	2087	rBV	70393	56344	1.83%	0.133%
92	14.445	2098	2101	2103	rBV2	91338	92595	3.00%	0.219%
93	14.815	2161	2164	2167	rBV	79831	89415	2.90%	0.212%
94	14.968	2186	2190	2193	rBV	592798	822728	26.66%	1.947%
95	15.080	2206	2209	2213	rVB	113976	129461	4.20%	0.306%
96	15.268	2238	2241	2248	rVB	327688	386398	12.52%	0.915%
97	15.333	2248	2252	2258	rBV	499983	607150	19.68%	1.437%
98	15.392	2258	2262	2266	rBV	506860	690973	22.39%	1.635%
99	16.874	2510	2514	2521	rVB2	179553	335420	10.87%	0.794%
100	17.327	2586	2591	2599	rVB	119772	245564	7.96%	0.581%

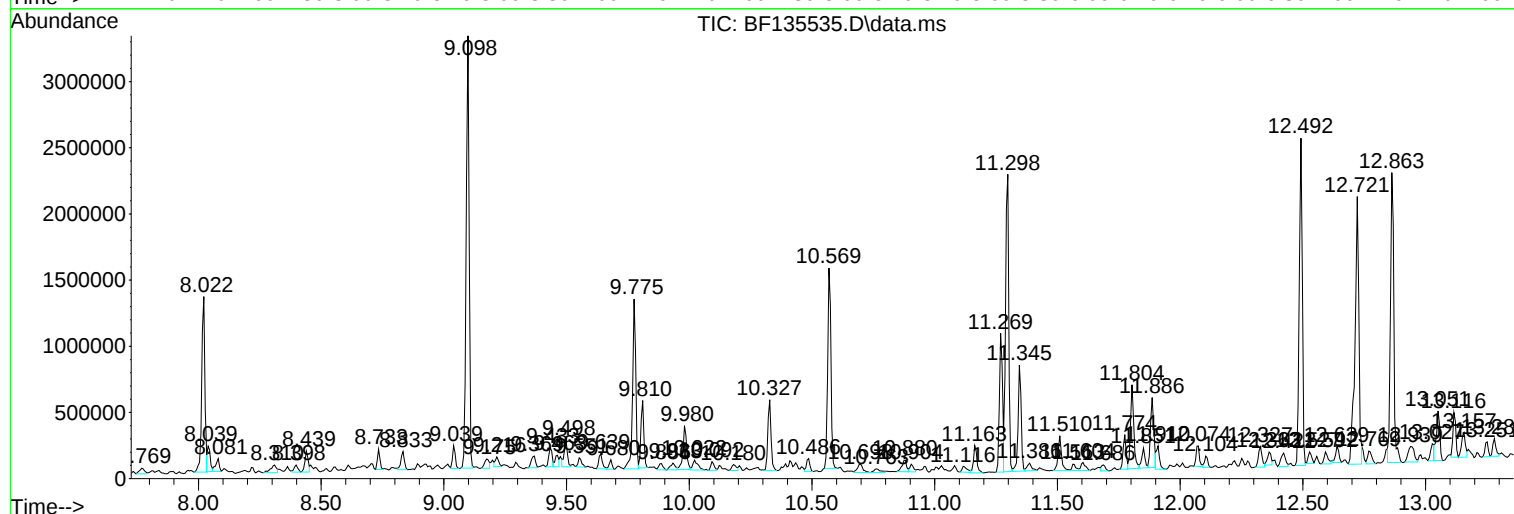
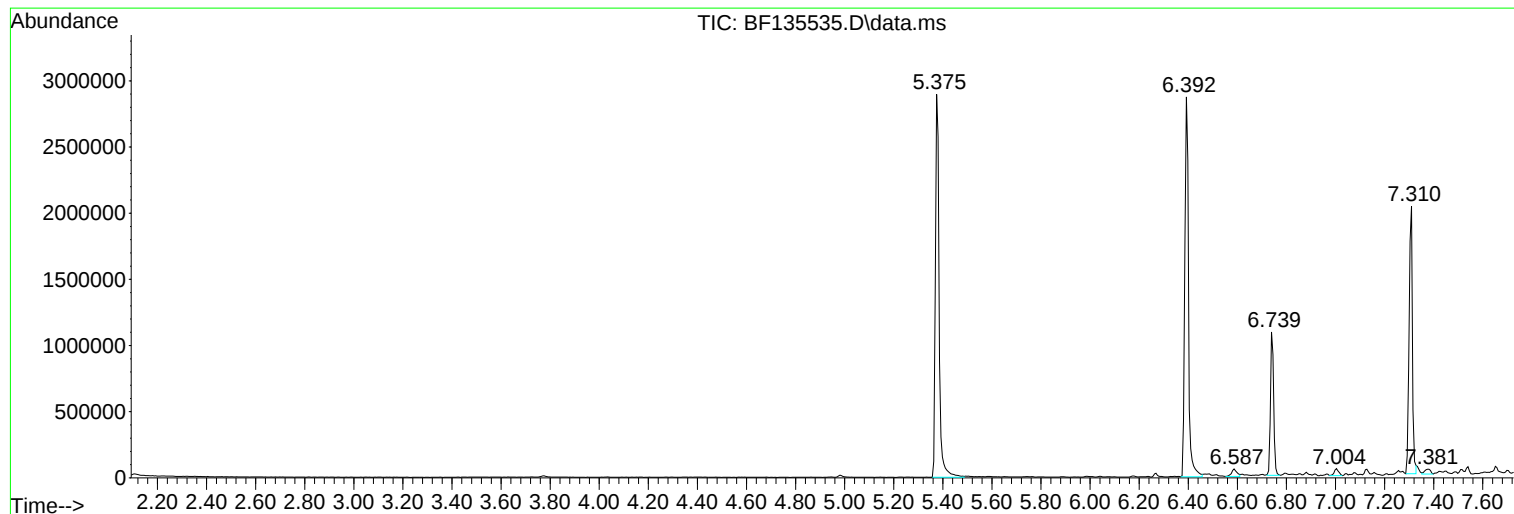
Sum of corrected areas: 42251734

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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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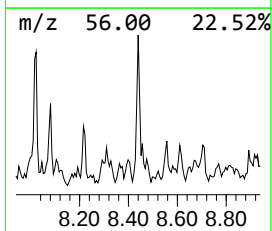
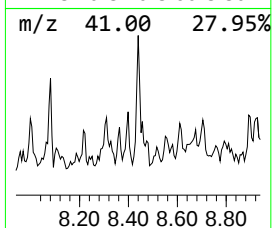
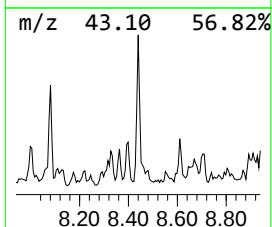
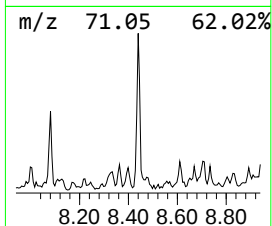
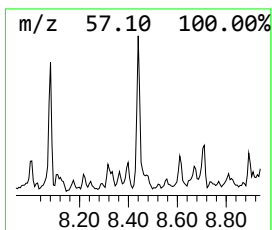
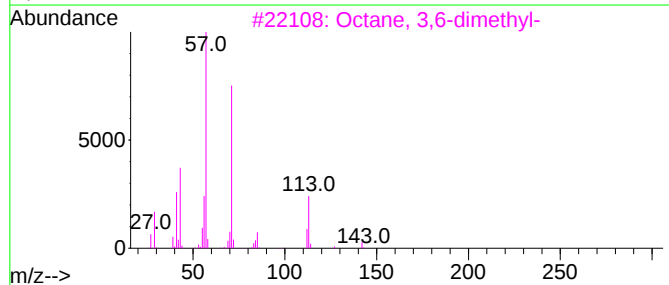
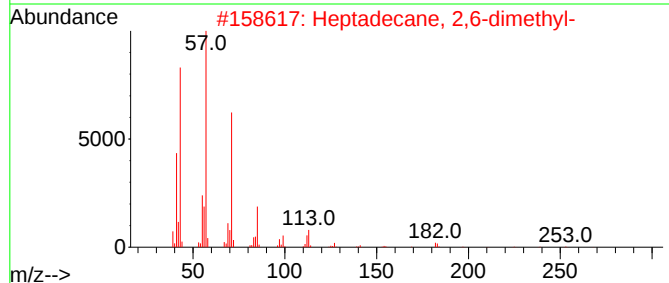
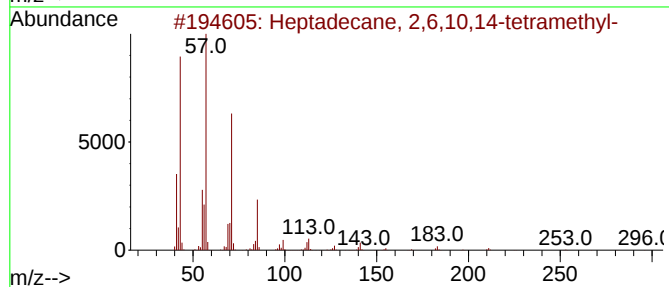
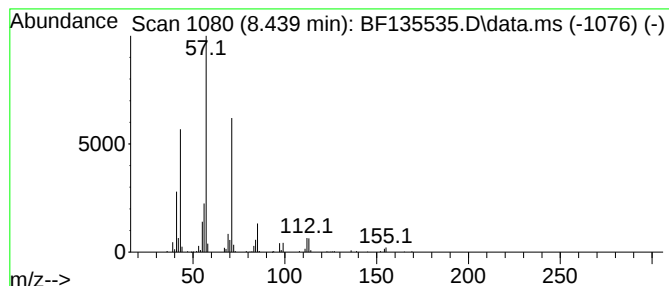
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptadecane, 2,6,10,14-tetr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	2.43 ng	147222	Naphthalene-d8	8.022

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	78
3		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



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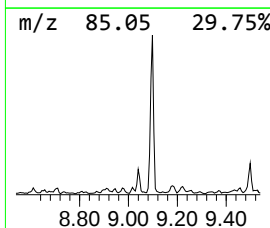
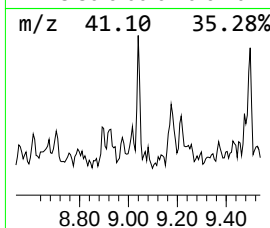
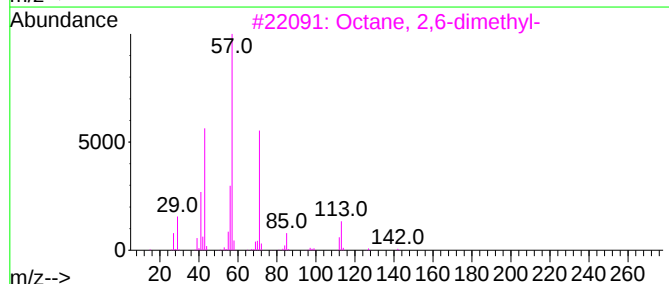
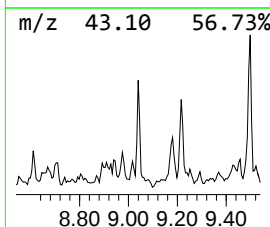
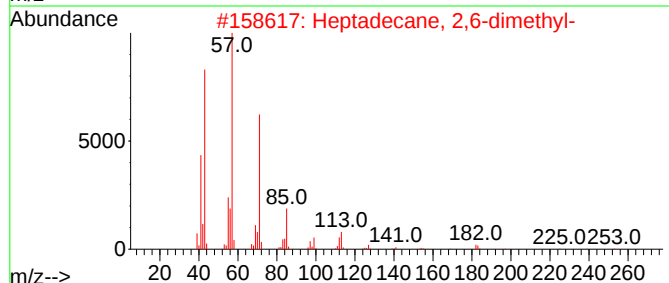
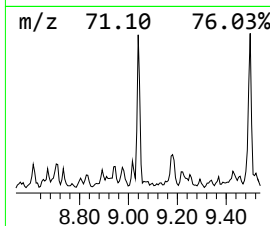
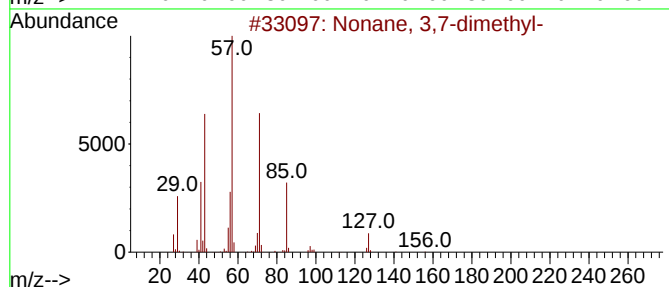
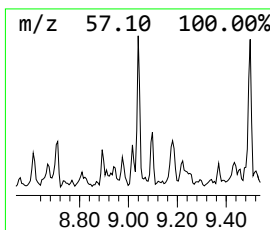
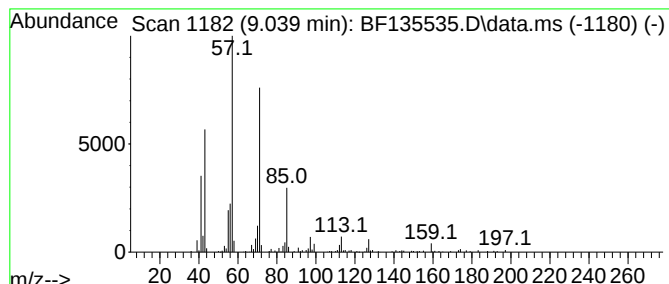
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Nonane, 3,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.039	2.29 ng	132468	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	72
2			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
5			Heptacosane	380	C27H56	000593-49-7	64



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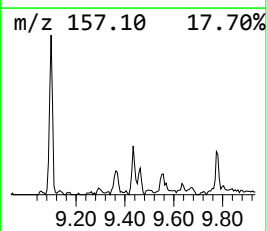
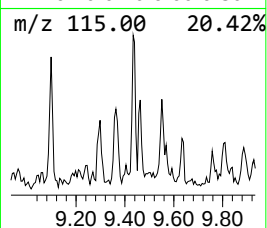
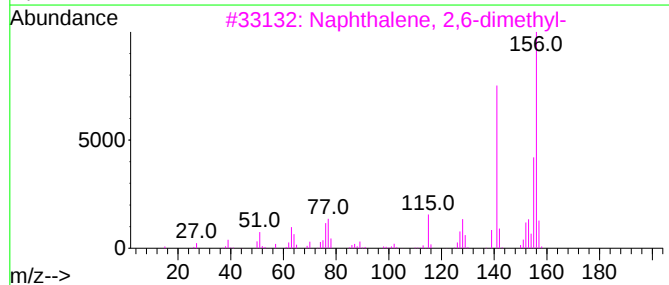
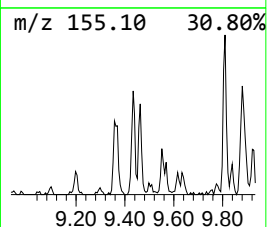
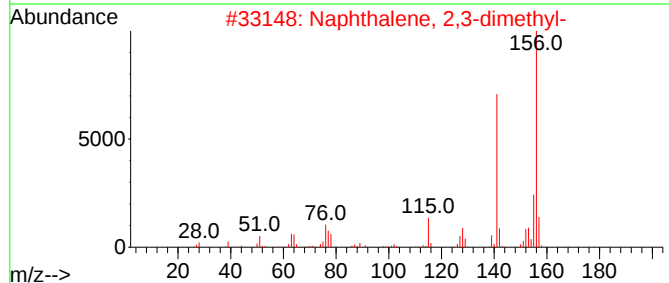
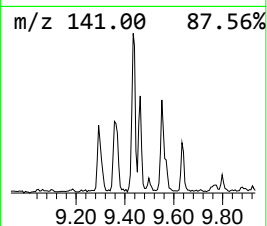
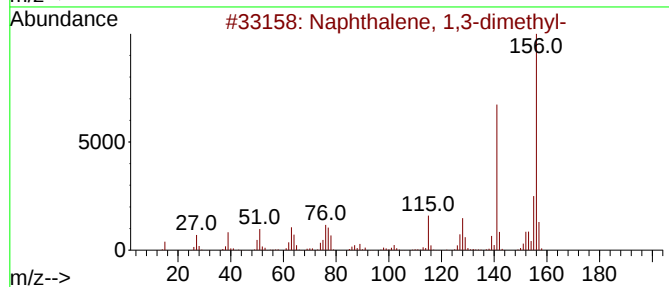
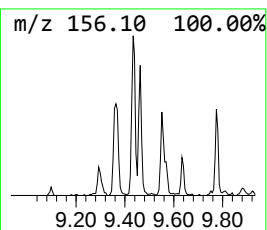
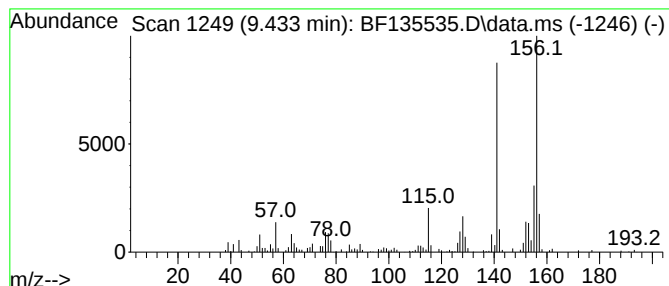
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.433	2.43 ng	140516	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-09272023

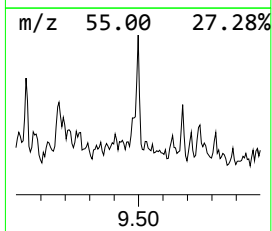
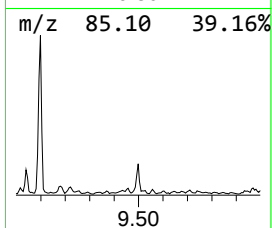
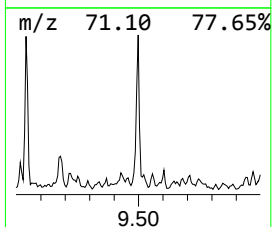
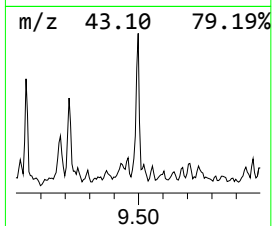
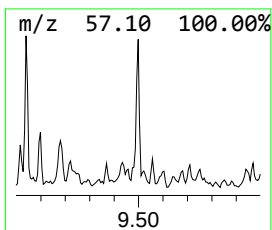
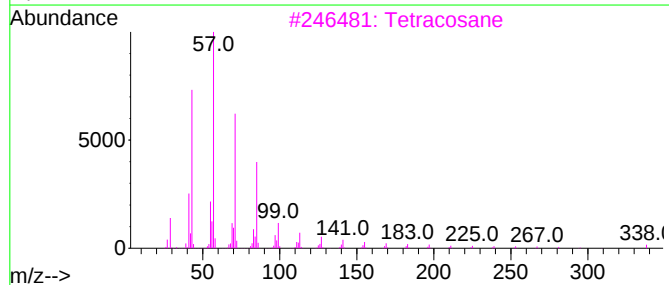
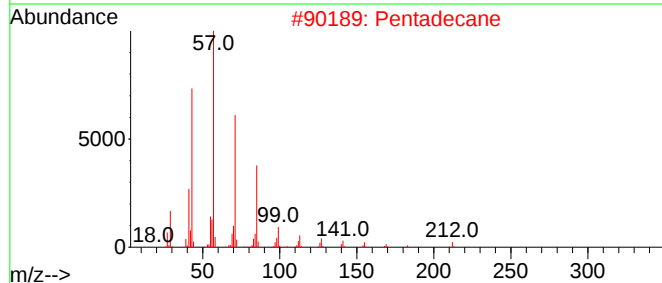
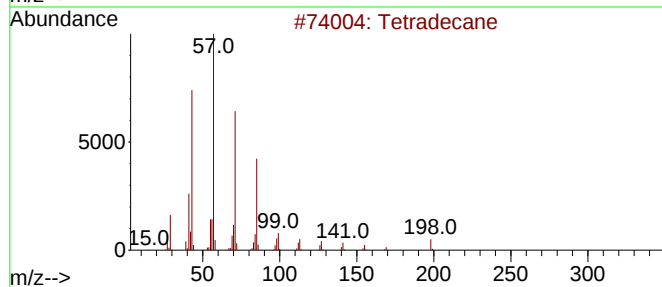
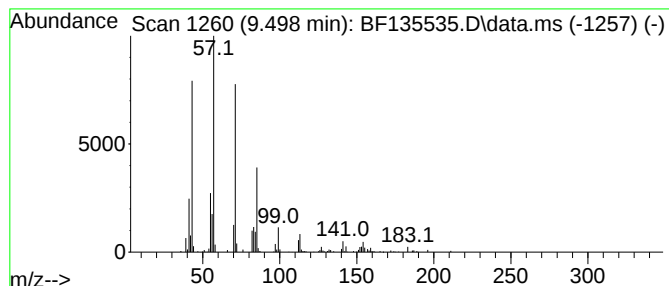
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.498	3.15 ng	182147	Acenaphthene-d10	9.775

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	90
2			Pentadecane	212	C15H32	000629-62-9	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5			Octacosane	394	C28H58	000630-02-4	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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ClientSampleId :
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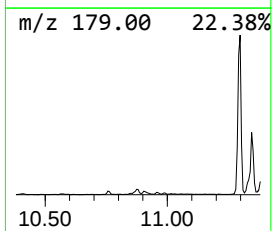
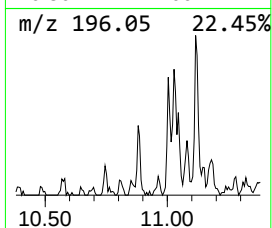
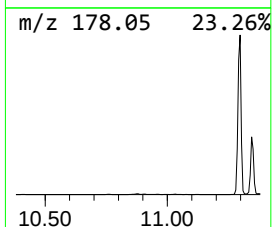
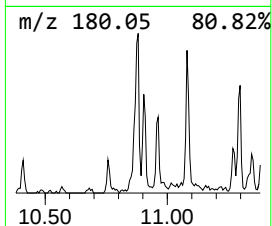
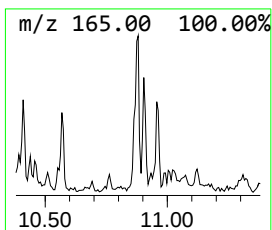
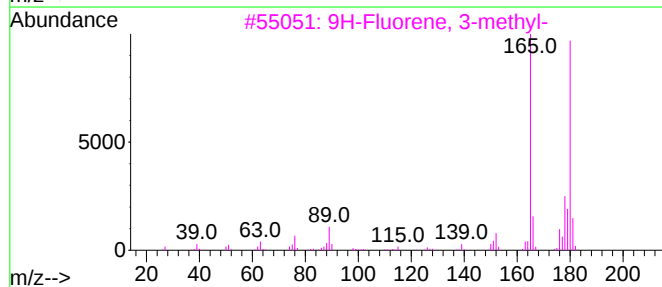
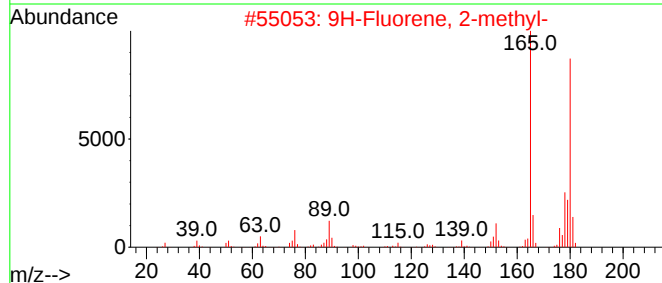
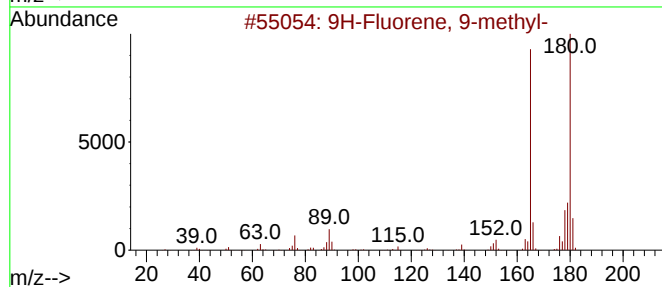
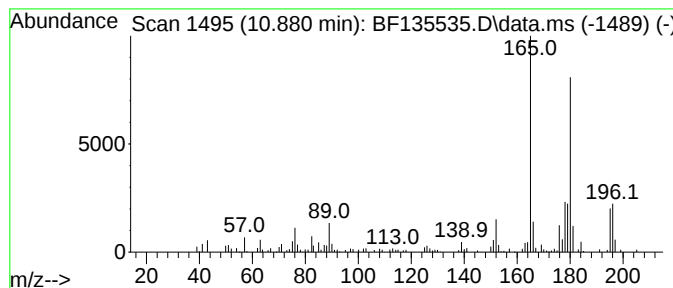
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 9H-Fluorene, 9-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.880	2.46 ng	116273	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5			9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
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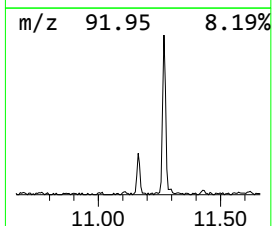
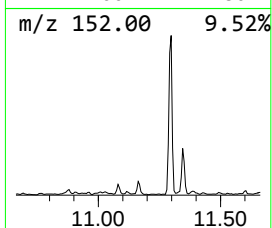
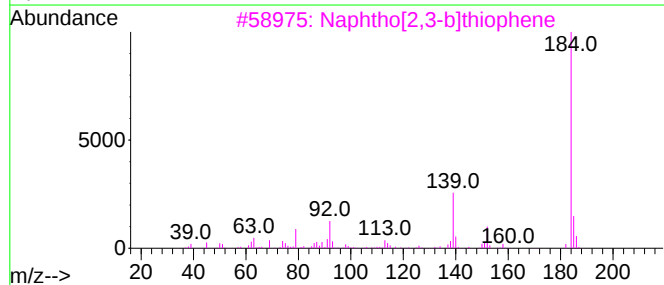
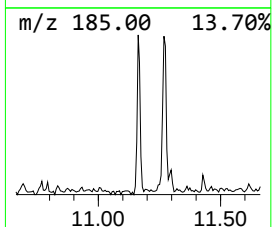
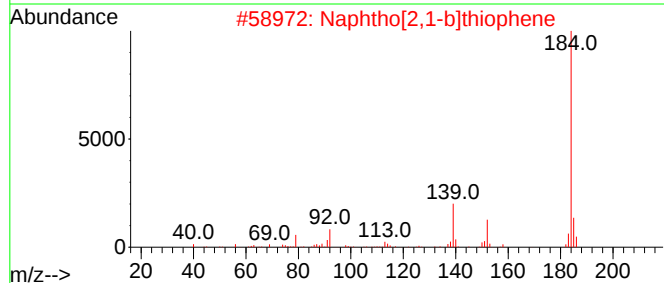
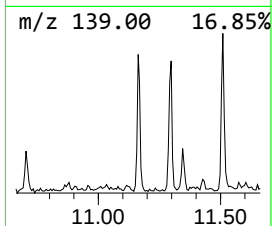
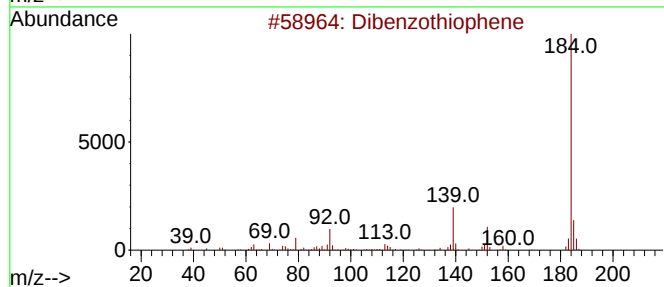
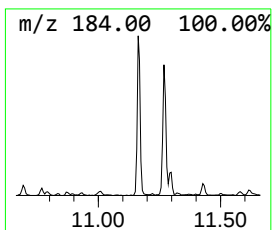
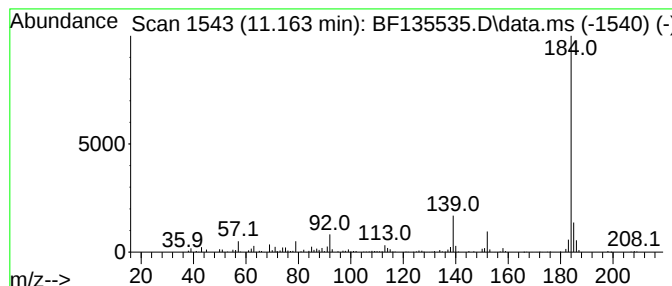
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.163	4.23 ng	199811	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5			Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
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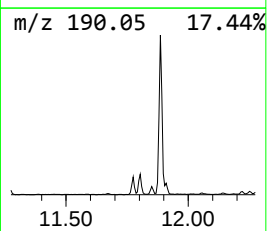
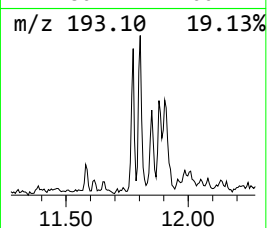
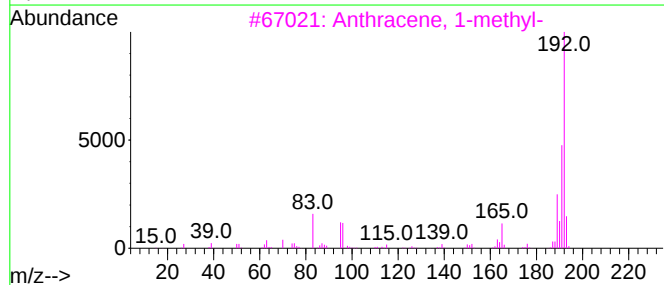
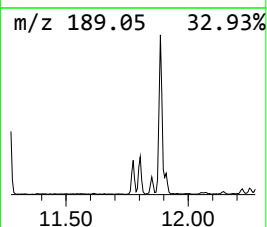
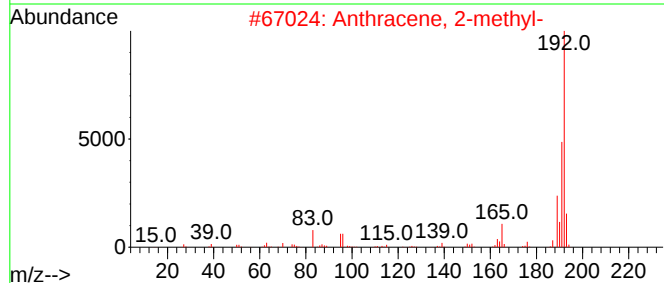
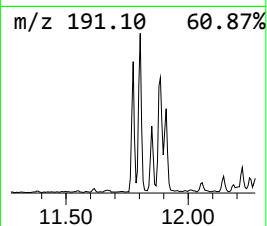
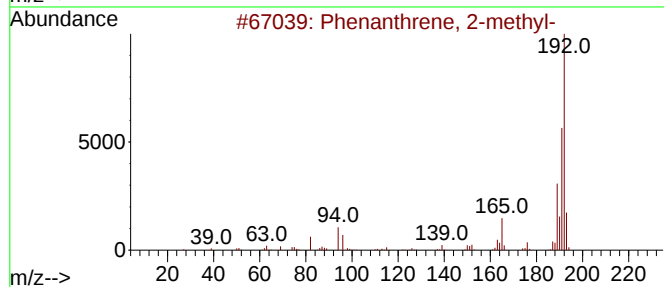
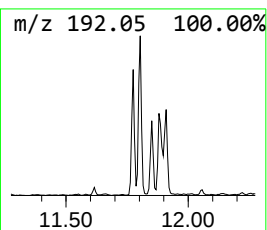
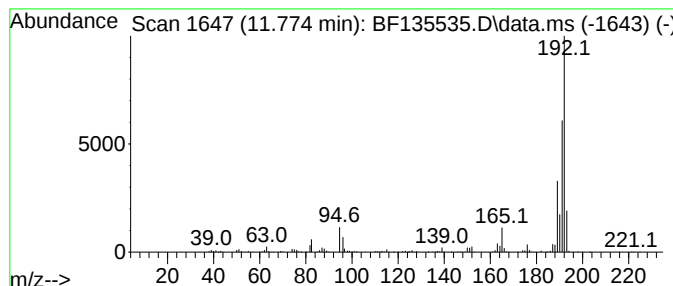
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.775	4.77 ng	225167	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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Instrument :
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ClientSampleId :
OR-03-09272023

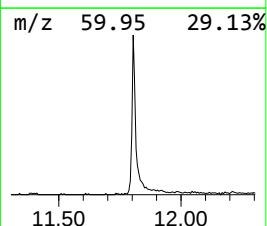
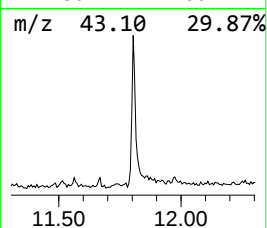
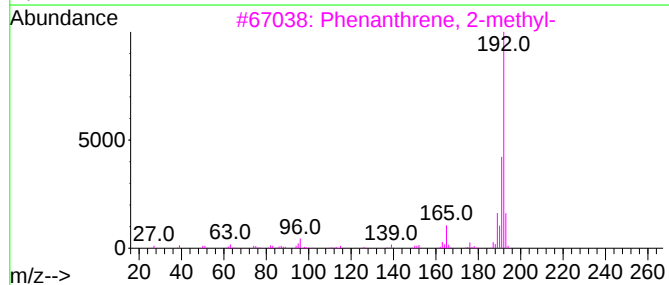
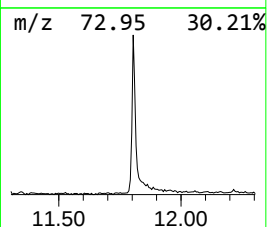
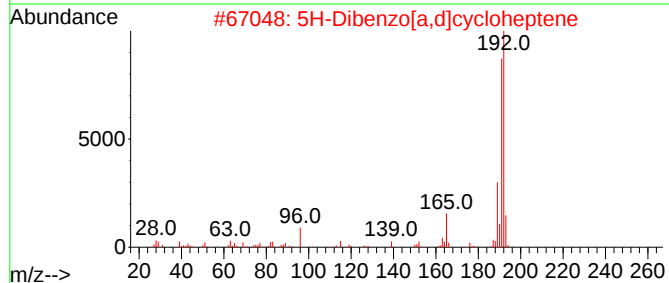
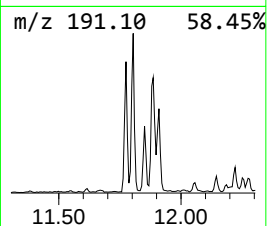
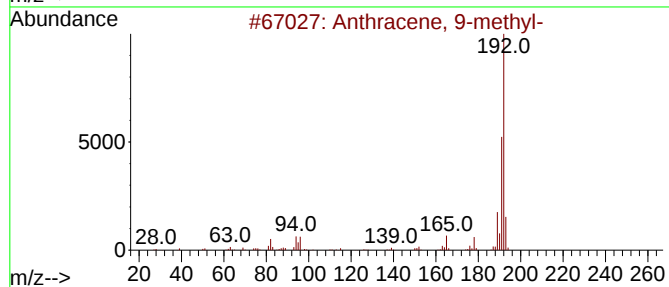
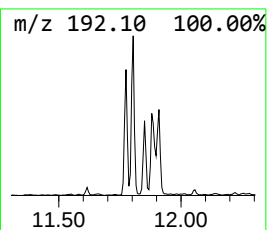
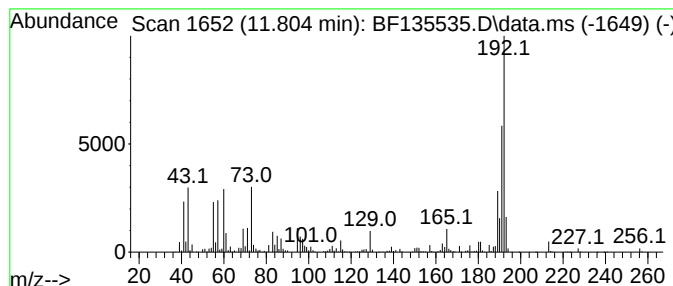
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 9-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.804	12.56 ng	593077	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
2			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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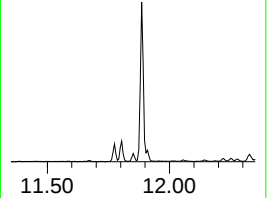
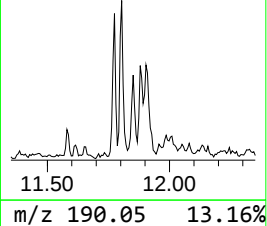
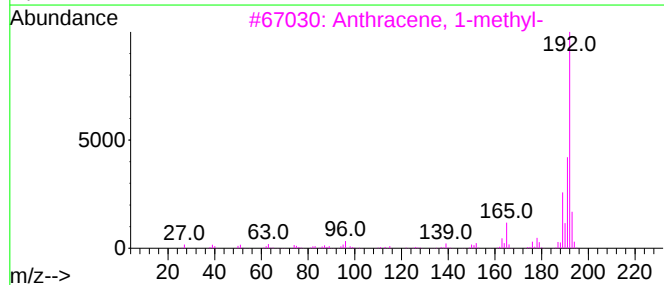
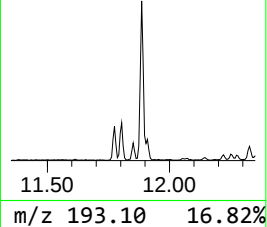
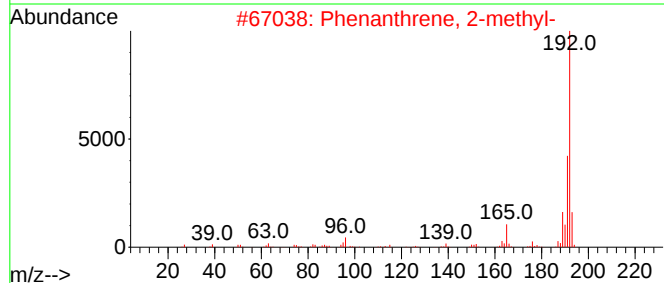
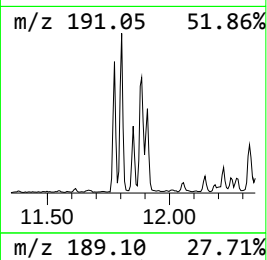
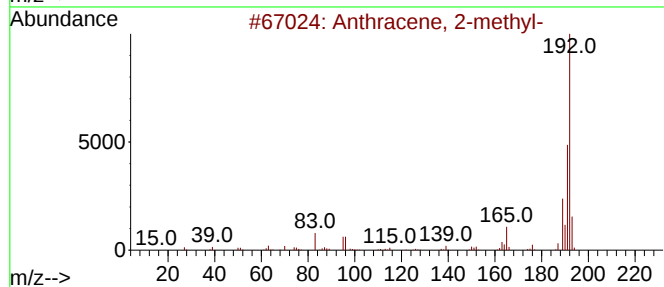
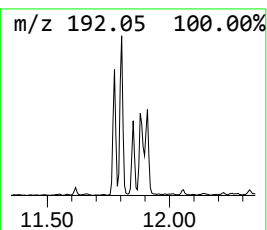
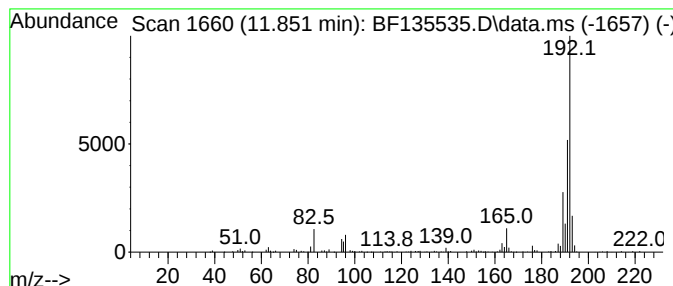
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.851	2.92 ng	137878	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-		192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-		192	C15H12	000610-48-0	95
4	Phenanthrene, 4-methyl-		192	C15H12	000832-64-4	95
5	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
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Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

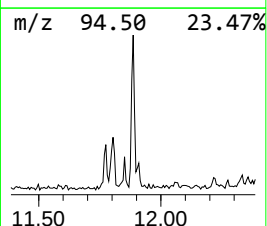
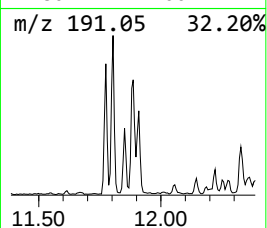
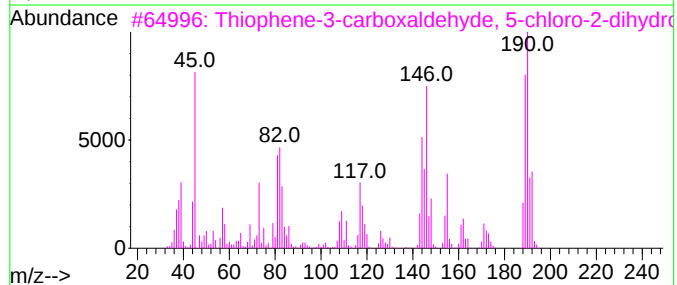
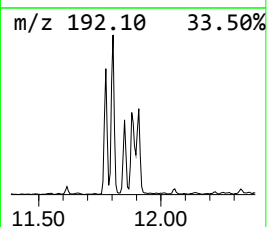
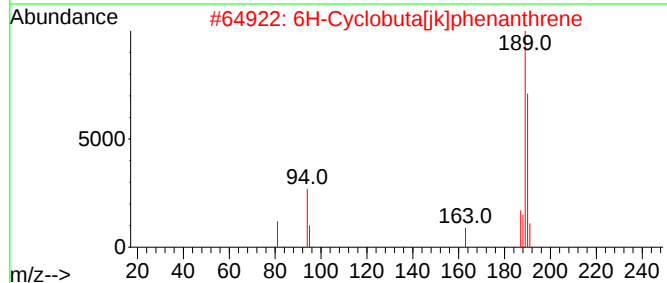
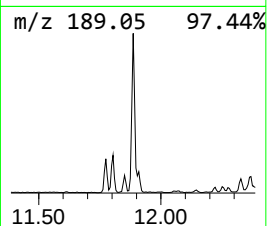
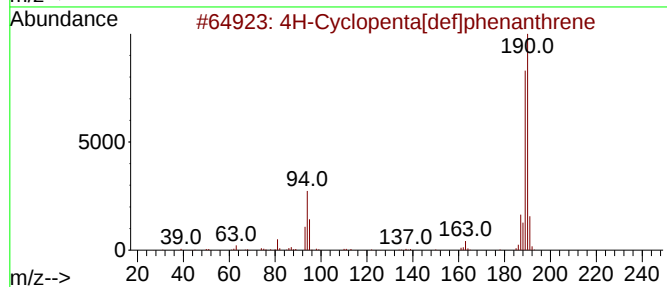
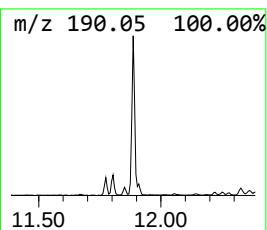
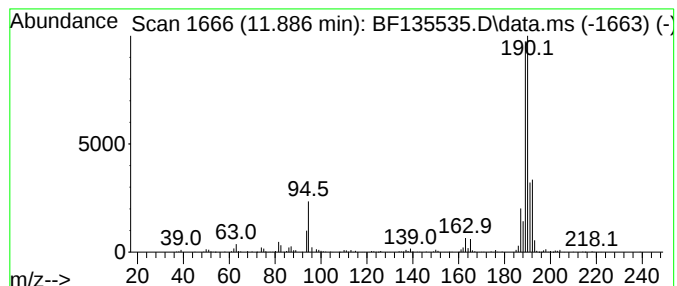
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
11.886	10.43 ng	492477	Phenanthrene-d10			11.269
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	72
3	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	52
4	Methyl diselenide		190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

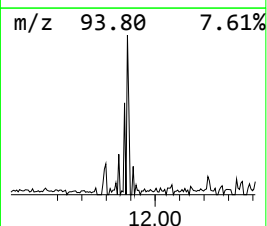
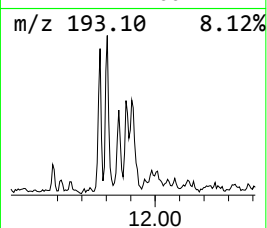
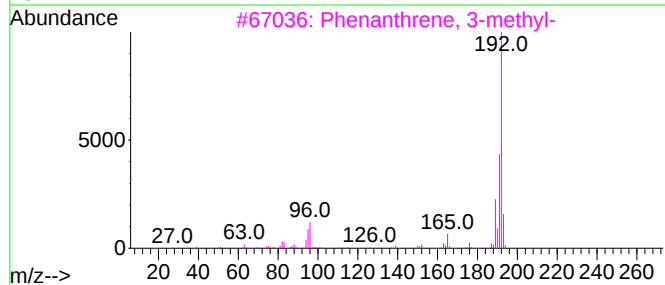
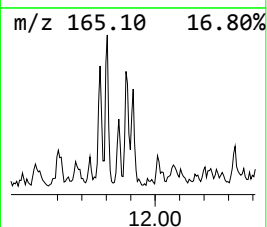
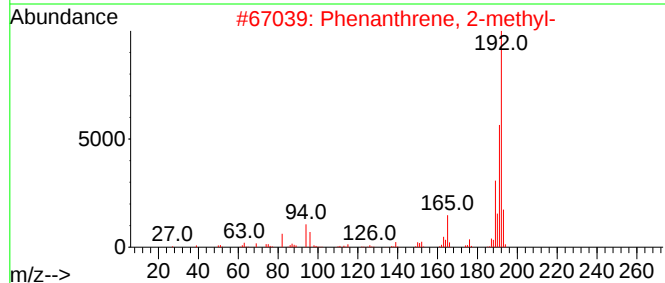
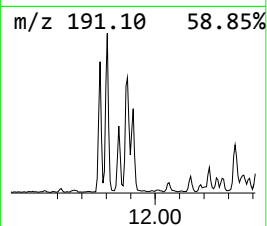
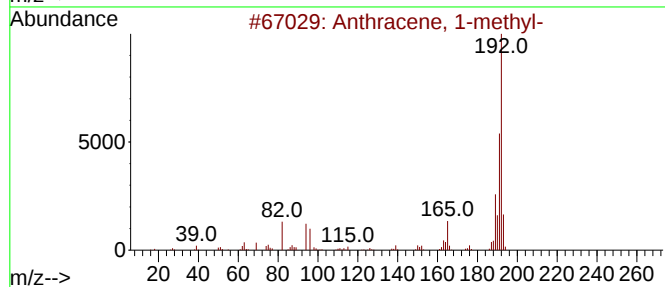
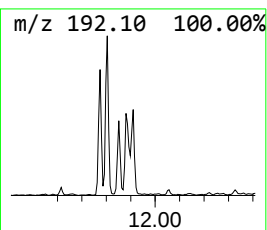
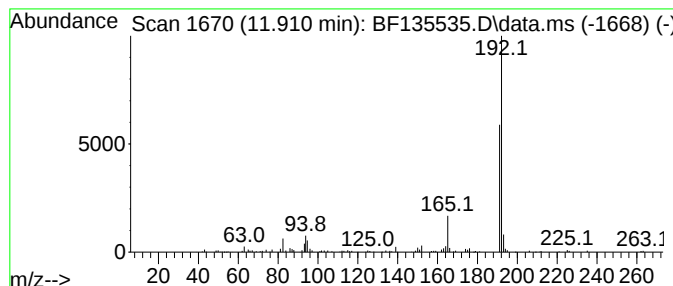
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.910	3.26 ng	153790	Phenanthrene-d10	11.269	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
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Sample : 04636-01
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Instrument :
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ClientSampleId :
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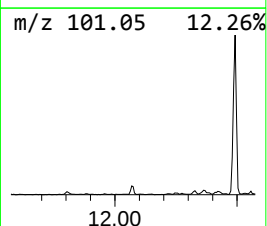
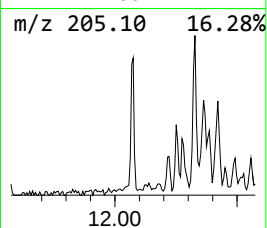
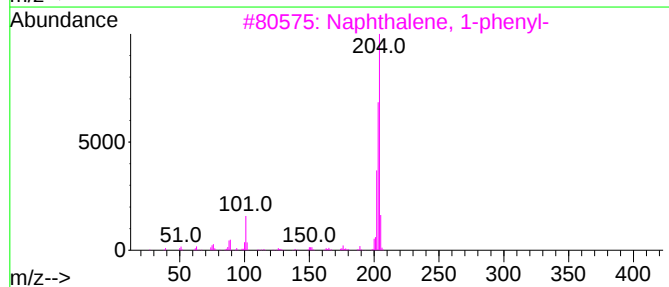
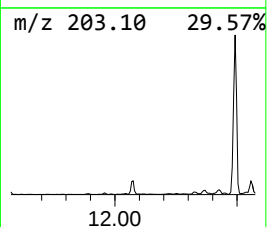
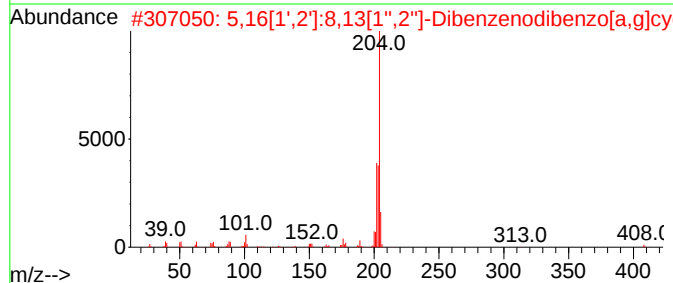
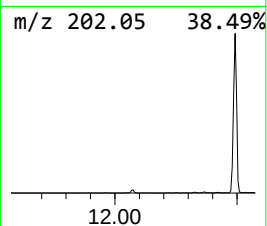
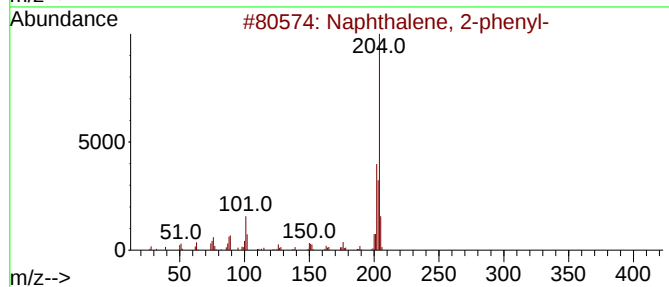
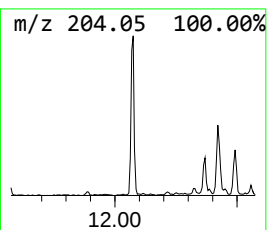
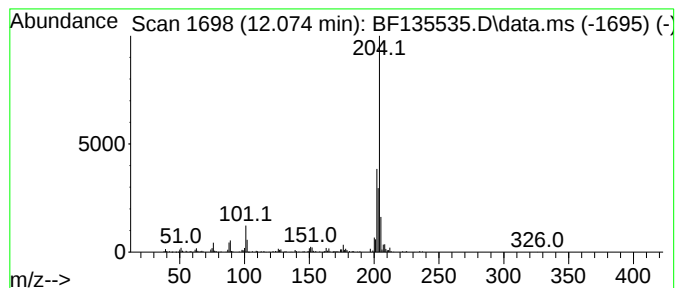
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.074	3.15 ng	148604	Phenanthrene-d10	11.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
5			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

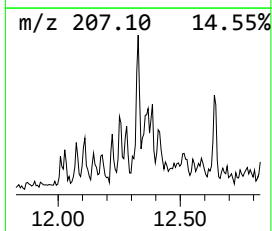
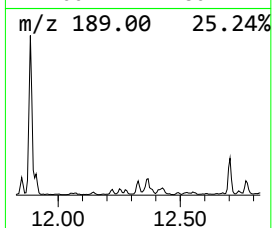
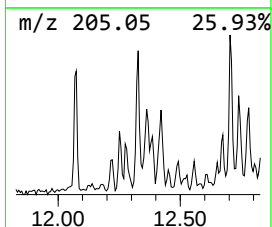
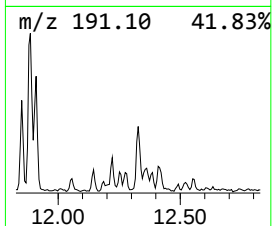
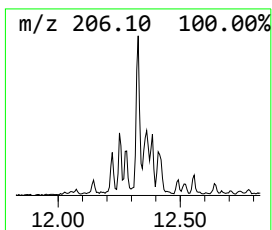
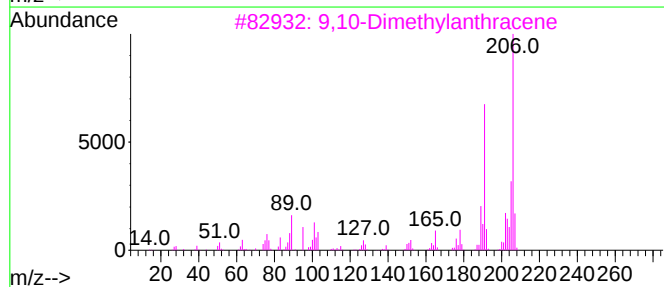
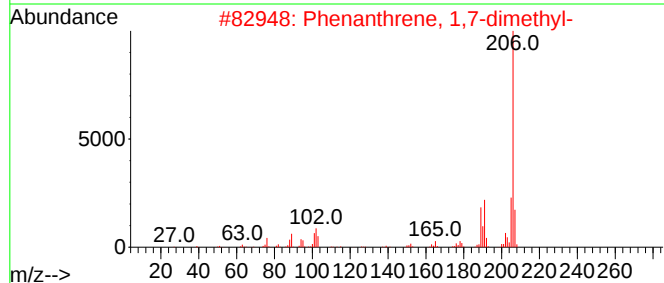
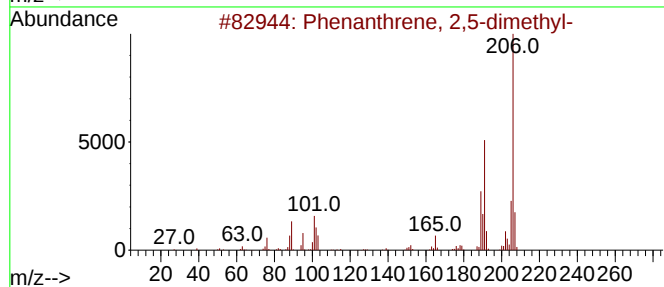
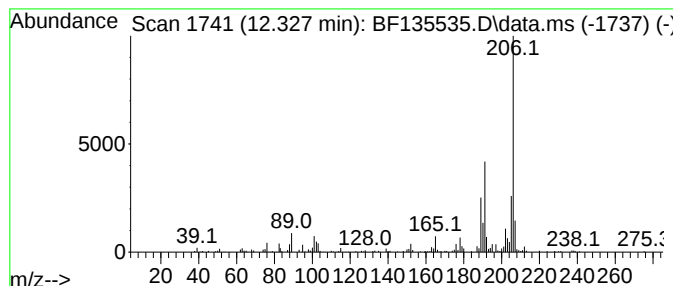
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
12.327	3.52 ng	166105	Phenanthrene-d10		11.269	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	97
2	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	93
3	9,10-Dimethylanthracene		206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	91
5	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
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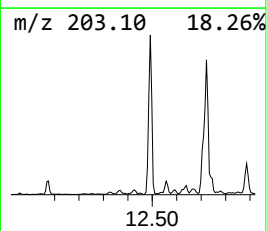
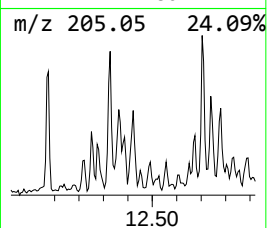
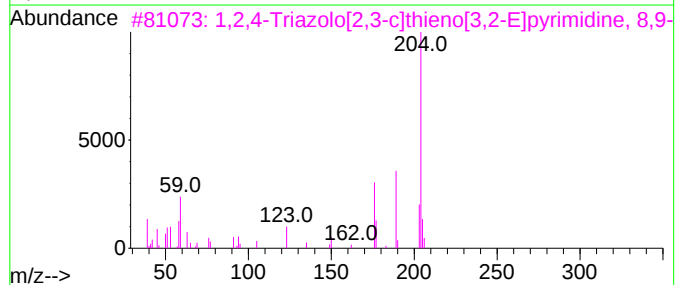
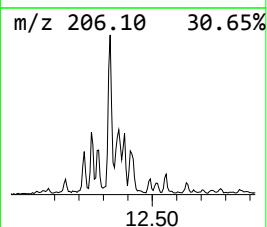
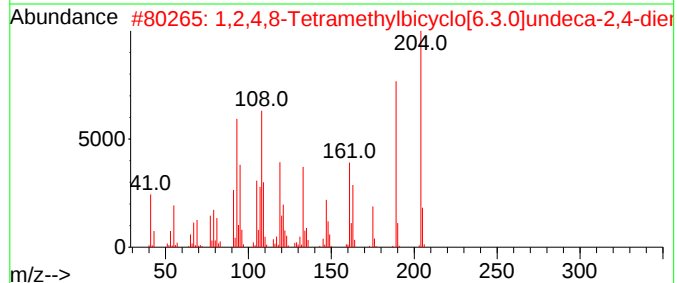
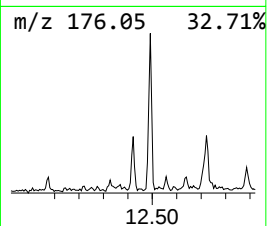
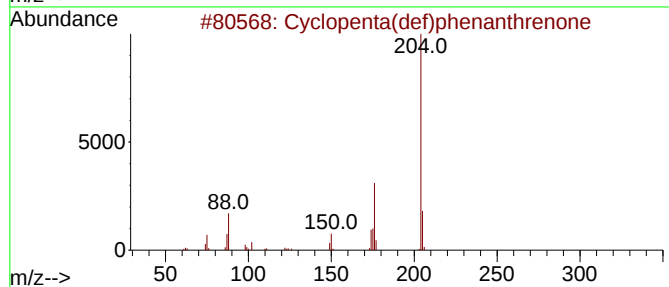
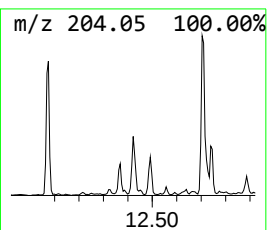
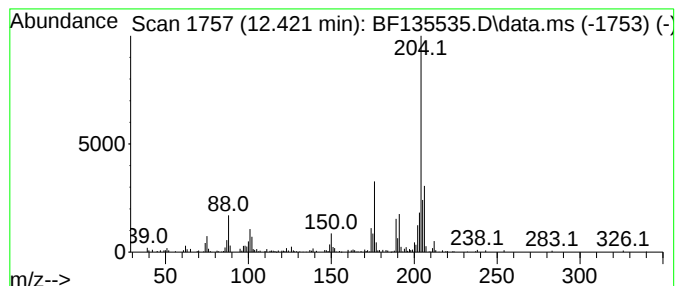
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD			R.T.
12.422	2.83 ng	133747	Phenanthrene-d10			11.269
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	83
2	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	55
3	1,2,4-Triazolo[2,3-c]thieno[3,2-...		204	C9H8N4S	113246-88-1	50
4	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	47
5	2-Chloro-4-phenylphenol		204	C12H9ClO	000092-04-6	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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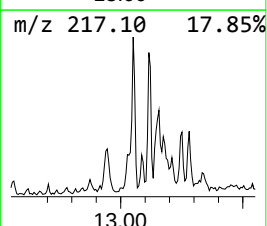
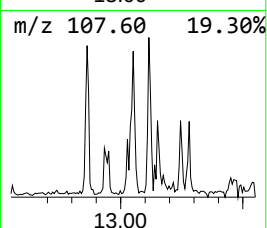
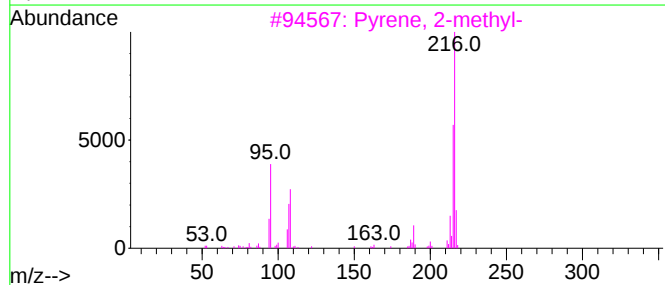
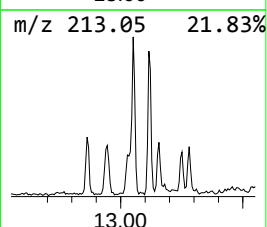
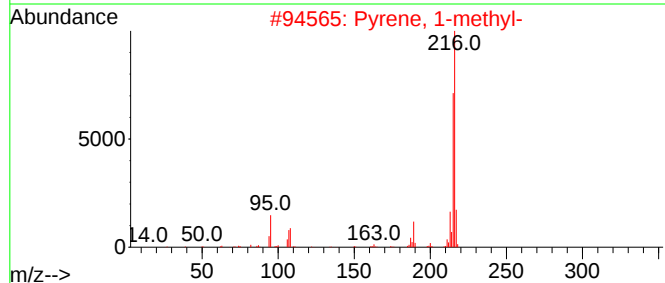
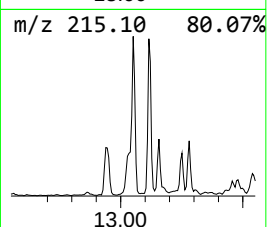
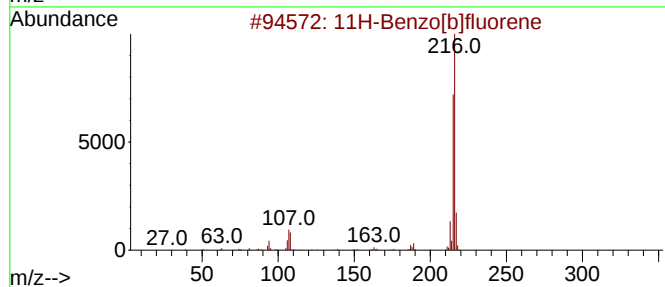
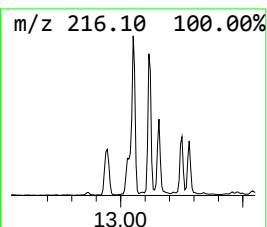
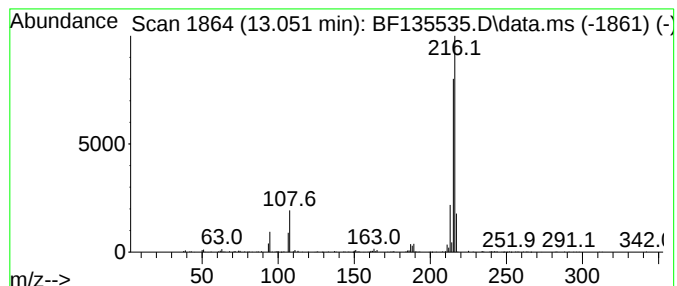
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.051	3.46 ng	363994	Chrysene-d12	13.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	76
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
OR-03-09272023

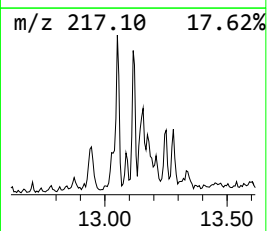
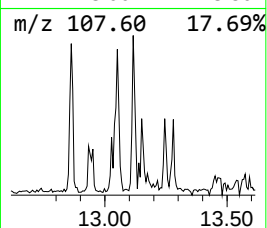
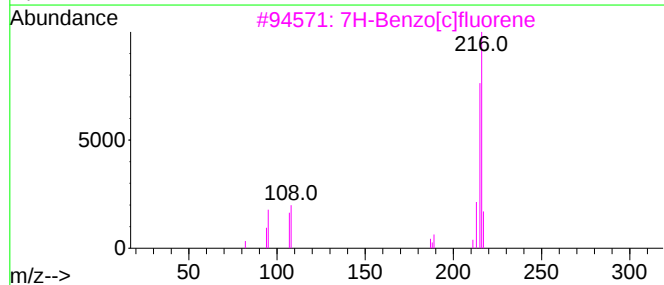
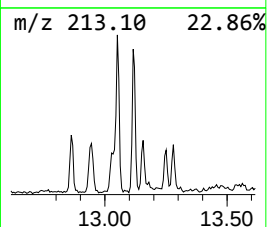
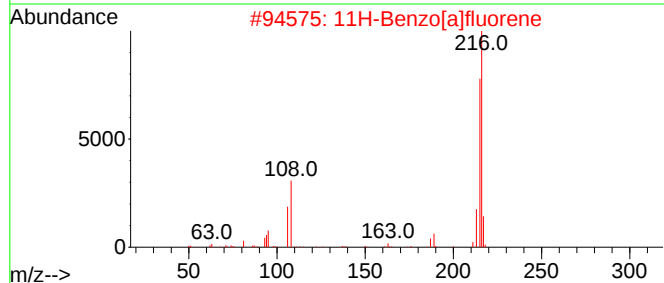
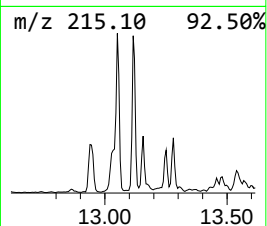
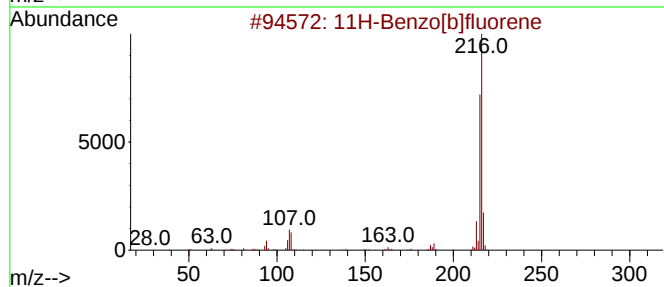
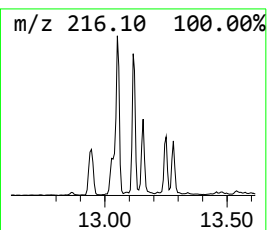
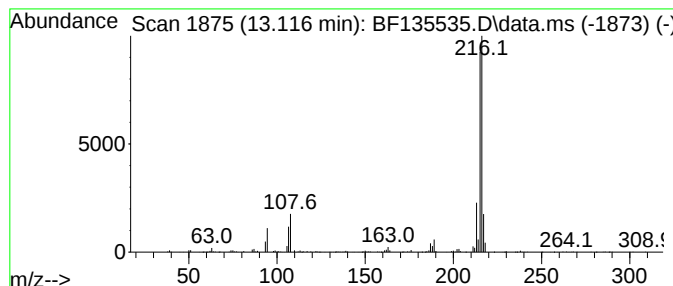
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.116	2.61 ng	275195	Chrysene-d12	13.927

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-09272023

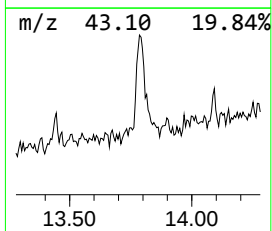
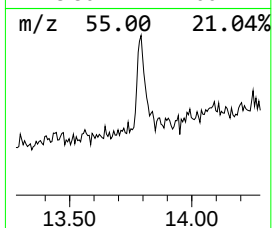
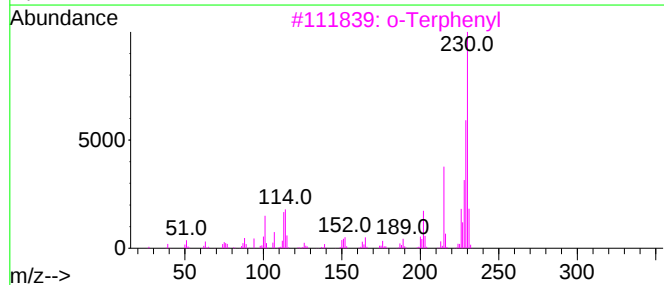
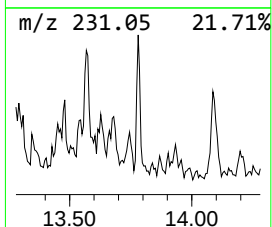
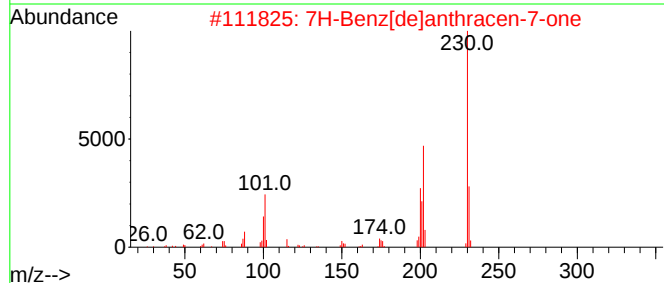
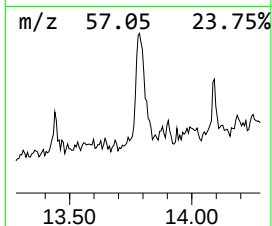
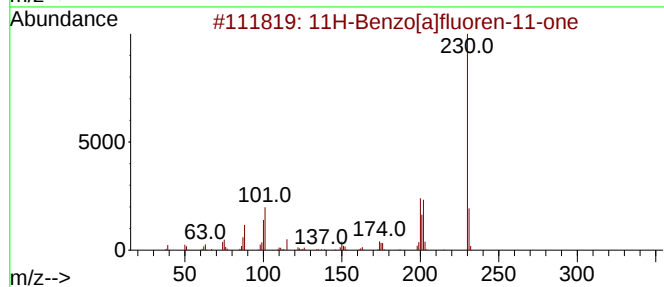
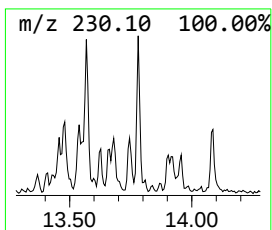
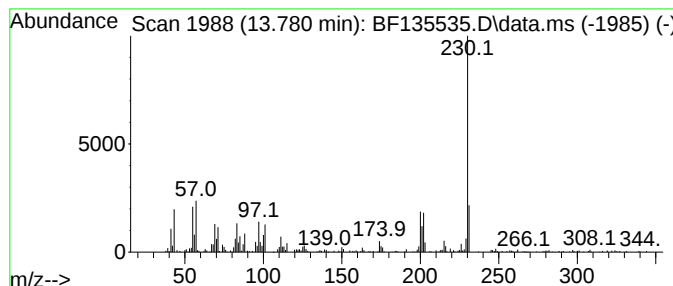
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.38 ng	250916	Chrysene-d12	13.927

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	91
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3			o-Terphenyl	230	C18H14	000084-15-1	64
4			6,6-Diphenylfulvene	230	C18H14	002175-90-8	64
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

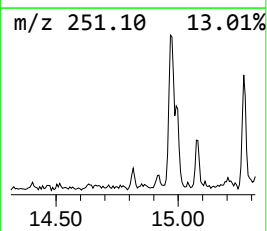
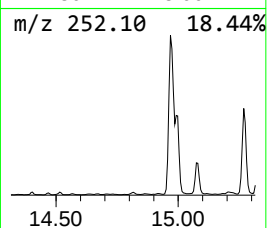
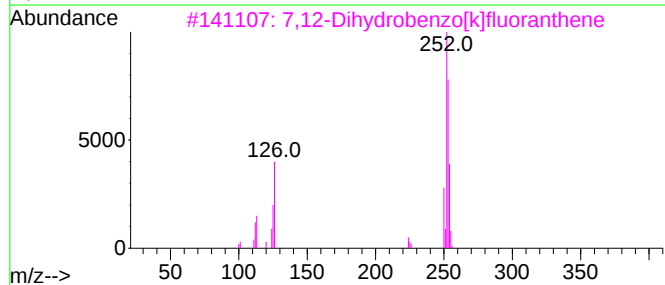
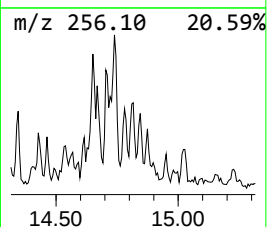
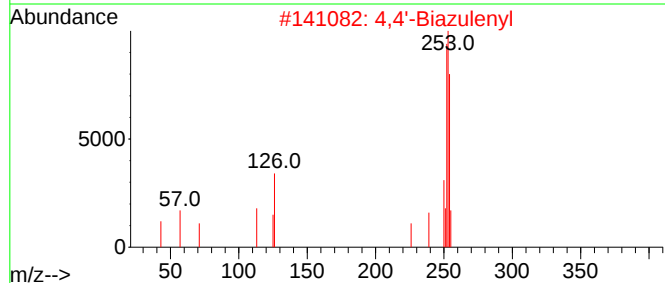
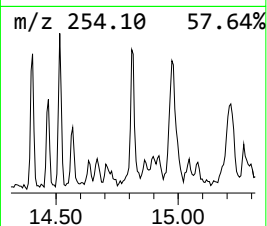
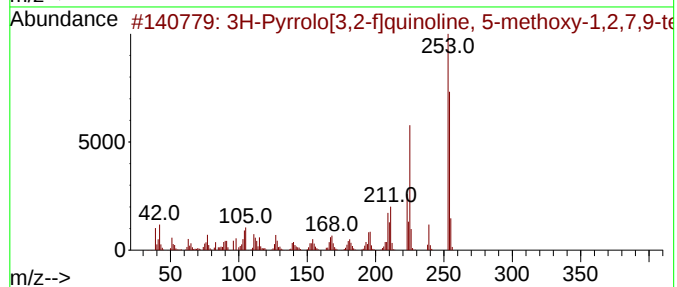
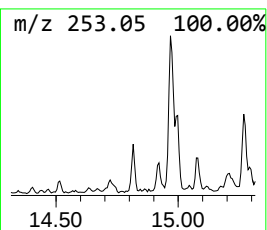
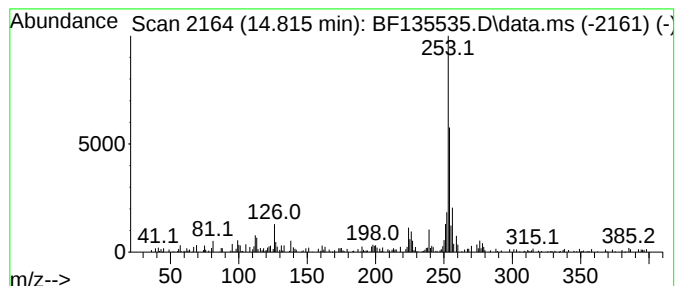
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ClientSampleId :
OR-03-09272023

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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 3H-Pyrrolo[3,2-f]quinoline,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.815	2.59 ng	89415	Perylene-d12	15.392	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-Pyrrolo[3,2-f]quinoline, 5-me...	254	C16H18N2O	1000350-44-1	70
2	4,4'-Biazulenyl	254	C20H14	094053-54-0	70
3	7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	64
4	4,6'-Biazulenyl	254	C20H14	094154-49-1	62
5	Benz(a)anthracene-7-carbonitrile	253	C19H11N	007476-08-6	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-09272023

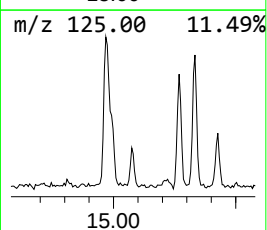
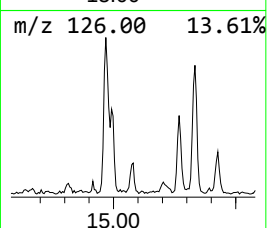
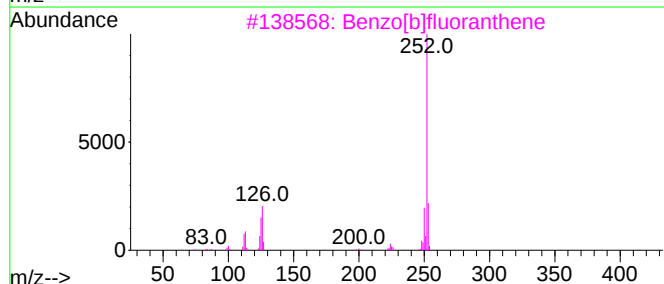
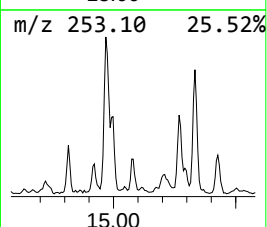
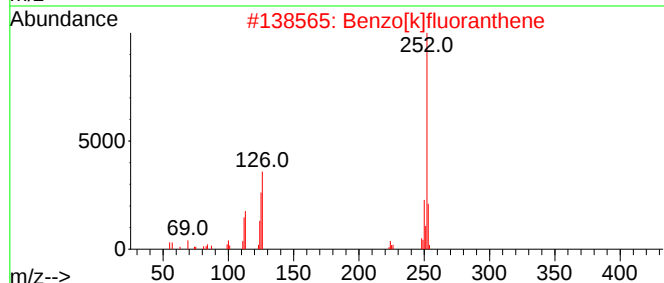
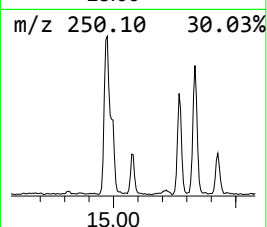
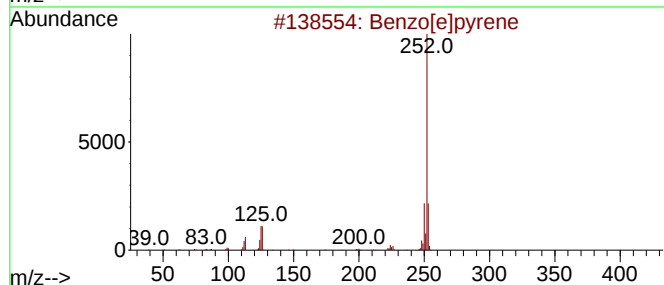
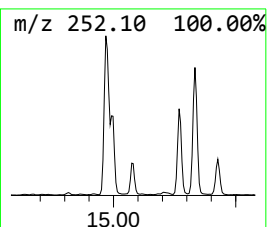
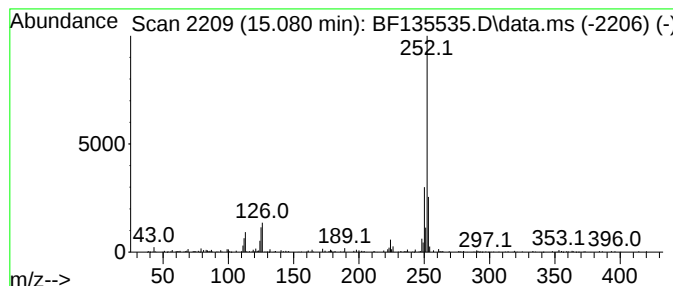
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	3.75 ng	129461	Perylene-d12	15.392

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	93
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
Data File : BF135535.D
Acq On : 02 Oct 2023 19:18
Operator : CG\JU
Sample : 04636-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-09272023

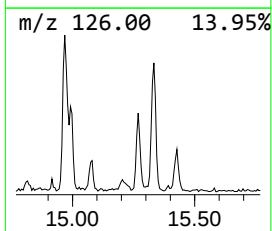
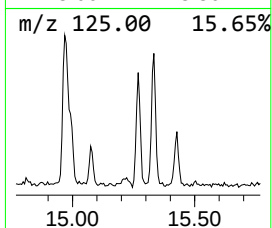
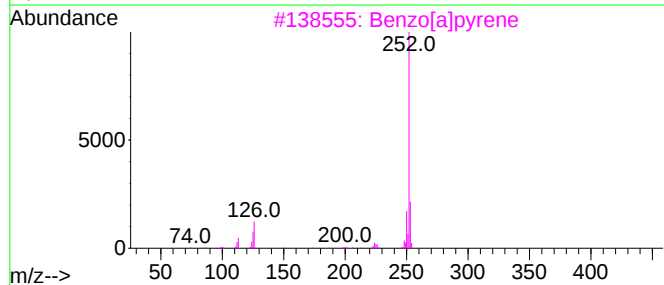
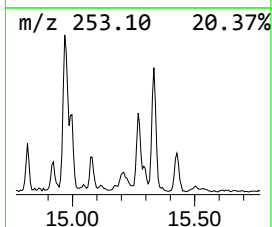
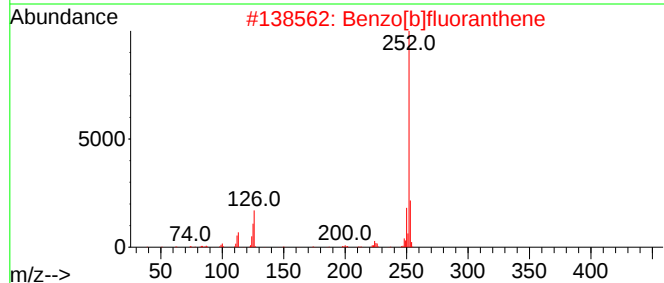
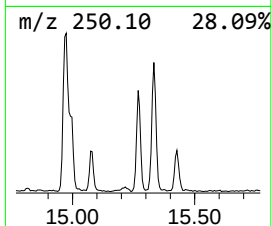
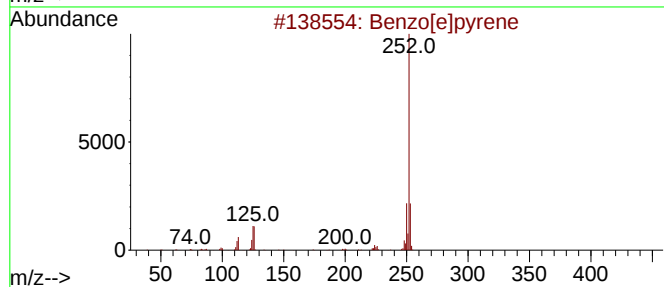
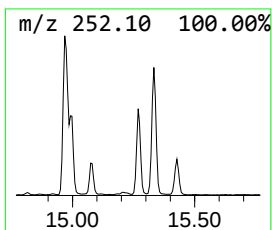
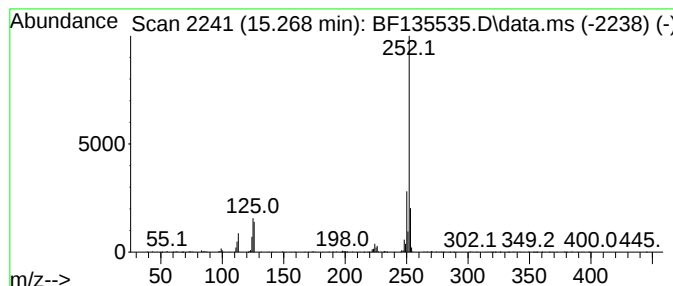
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.268	11.18 ng	386398	Perylene-d12	15.392

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100223\
 Data File : BF135535.D
 Acq On : 02 Oct 2023 19:18
 Operator : CG\JU
 Sample : 04636-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-09272023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.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
Heptadecane, 2,...	8.439	2.4	ng	147222	2	8.022	1210740	20.0
Nonane, 3,7-dim...	9.039	2.3	ng	132468	3	9.775	1156170	20.0
Naphthalene, 1,...	9.433	2.4	ng	140516	3	9.775	1156170	20.0
Tetradecane	9.498	3.1	ng	182147	3	9.775	1156170	20.0
9H-Fluorene, 9-...	10.880	2.5	ng	116273	4	11.269	944685	20.0
Dibenzothiophene	11.163	4.2	ng	199811	4	11.269	944685	20.0
Phenanthrene, 2...	11.775	4.8	ng	225167	4	11.269	944685	20.0
Anthracene, 9-m...	11.804	12.6	ng	593077	4	11.269	944685	20.0
Anthracene, 2-m...	11.851	2.9	ng	137878	4	11.269	944685	20.0
4H-Cyclopenta[d...	11.886	10.4	ng	492477	4	11.269	944685	20.0
Anthracene, 1-m...	11.910	3.3	ng	153790	4	11.269	944685	20.0
Naphthalene, 2-...	12.074	3.1	ng	148604	4	11.269	944685	20.0
Phenanthrene, 2...	12.327	3.5	ng	166105	4	11.269	944685	20.0
Cyclopenta(def)...	12.422	2.8	ng	133747	4	11.269	944685	20.0
11H-Benzo[b]flu...	13.051	3.5	ng	363994	5	13.927	2106660	20.0
11H-Benzo[a]flu...	13.116	2.6	ng	275195	5	13.927	2106660	20.0
11H-Benzo[a]flu...	13.780	2.4	ng	250916	5	13.927	2106660	20.0
3H-Pyrrolo[3,2-...	14.815	2.6	ng	89415	6	15.392	690973	20.0
Benzo[e]pyrene	15.080	3.8	ng	129461	6	15.392	690973	20.0
Perylene	15.268	11.2	ng	386398	6	15.392	690973	20.0