LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
Acq On : 17 Sep 2022 01:08
Operator : CG\JU
Sample : N4665-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-1

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF130309.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.269	537	541	544	rVB	1787193	1669145	36.40%	3.246%
2	6.298	712	716	719	rBV	1560885	1610442	35.12%	3.132%
3	6.493	746	749	755	rVB2	198068	194946	4.25%	0.379%
4	6.669	775	779	782	rBV	607969	479274	10.45%	0.932%
5	6.845	806	809	813	rVB	572128	436765	9.52%	0.849%
6	6.928	819	823	826	rBV	328100	271838	5.93%	0.529%
7	7.234	871	875	878	rVV	1228786	1039552	22.67%	2.022%
8	7.698	947	954	957	rBV3	263646	359798	7.85%	0.700%
9	7.734	957	960	966	rVB	289953	363507	7.93%	0.707%
10	7.975	992	1001	1004	rBV2	4036480	4586026	100.00%	8.918%
11	8.022	1006	1009	1016	rVB	154181	128117	2.79%	0.249%
12	8.663	1113	1118	1121	rVV	3174078	2972499	64.82%	5.780%
13	8.763	1129	1135	1138	rVB	2450496	2032331	44.32%	3.952%
14	9.028	1173	1180	1183	rBV	2082068	1732208	37.77%	3.368%
15	9.122	1190	1196	1201	rBV	375596	327002	7.13%	0.636%
16	9.216	1209	1212	1218	rVB	306231	342525	7.47%	0.666%
17	9.287	1218	1224	1228	rBV2	731802	1012725	22.08%	1.969%
18	9.357	1232	1236	1239	rVV	1076230	1140114	24.86%	2.217%
19	9.386	1239	1241	1245	rVV	873339	672171	14.66%	1.307%
20	9.475	1252	1256	1262	rVV	549411	571186	12.45%	1.111%
21	9.557	1265	1270	1274	rBV	787780	630801	13.75%	1.227%
22	9.698	1288	1294	1296	rBV2	669444	746322	16.27%	1.451%
23	9.728	1296	1299	1303	rVB2	264210	294025	6.41%	0.572%
24	9.804	1308	1312	1316	rBV2	151973	187480	4.09%	0.365%
25	9.898	1322	1328	1332	rVV	383957	378148	8.25%	0.735%
26	9.939	1332	1335	1338	rVV	301590	219707	4.79%	0.427%
27	10.016	1343	1348	1350	rBV2	239676	282754	6.17%	0.550%
28	10.039	1350	1352	1355	rVV	214364	182554	3.98%	0.355%
29	10.104	1358	1363	1364	rVV3	177044	250374	5.46%	0.487%
30	10.122	1364	1366	1368	rVV	158502	136560	2.98%	0.266%
31	10.151	1368	1371	1373	rVV	103749	99307	2.17%	0.193%
32	10.198	1373	1379	1380	rVV3	104495	176519	3.85%	0.343%
33	10.245	1383	1387	1393	rVV	921518	934705	20.38%	1.818%
34	10.310	1393	1398	1399	rVV2	127767	170996	3.73%	0.333%
35	10.328	1399	1401	1403	rVV3	94561	98078	2.14%	0.191%
36	10.351	1403	1405	1410	rVV2	143803	176767	3.85%	0.344%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.398	1410	1413	1416	rVV	170255	193416	4.22%	0.376%
38	10.481	1421	1427	1431	rVV2	1178090	1116576	24.35%	2.171%
39	10.610	1446	1449	1455	rVB3	118378	129600	2.83%	0.252%
40	10.786	1474	1479	1482	rBV	308855	384866	8.39%	0.748%
41	10.816	1482	1484	1487	rVV	229575	175862	3.83%	0.342%
42	10.869	1490	1493	1496	rVB	177026	149203	3.25%	0.290%
43	10.986	1511	1513	1517	rVB2	133835	111497	2.43%	0.217%
44	11.075	1523	1528	1533	rVB	353608	355011	7.74%	0.690%
45	11.175	1542	1545	1547	rBV	438689	403144	8.79%	0.784%
46	11.204	1547	1550	1553	rVV	2682936	2147666	46.83%	4.176%
47	11.251	1555	1558	1561	rVB	482173	356435	7.77%	0.693%
48	11.286	1561	1564	1567	rBV2	119937	130733	2.85%	0.254%
49	11.504	1598	1601	1605	rVB	212354	181878	3.97%	0.354%
50	11.586	1612	1615	1620	rVB	169680	183751	4.01%	0.357%
51	11.680	1627	1631	1633	rBV	752517	690302	15.05%	1.342%
52	11.704	1633	1635	1640	rVB	914472	777599	16.96%	1.512%
53	11.751	1640	1643	1646	rBV	280867	246351	5.37%	0.479%
54	11.786	1646	1649	1651	rBV	843235	782263	17.06%	1.521%
55	11.810	1651	1653	1659	rVB	609542	487873	10.64%	0.949%
56	11.975	1672	1681	1683	rBV	268402	337529	7.36%	0.656%
57	12.122	1704	1706	1708	rVV	146249	133933	2.92%	0.260%
58	12.151	1708	1711	1713	rVV	252506	224934	4.90%	0.437%
59	12.175	1713	1715	1718	rVB	170751	130681	2.85%	0.254%
60	12.228	1718	1724	1726	rBV	484561	536582	11.70%	1.043%
61	12.263	1726	1730	1732	rVV	321126	441853	9.63%	0.859%
62	12.280	1732	1733	1735	rVV	202387	115904	2.53%	0.225%
63	12.310	1735	1738	1742	rVV2	173854	276284	6.02%	0.537%
64	12.386	1747	1751	1756	rBV	980768	900443	19.63%	1.751%
65	12.451	1760	1762	1764	rVV2	93117	92242	2.01%	0.179%
66	12.480	1764	1767	1769	rVB	124433	121333	2.65%	0.236%
67	12.616	1784	1790	1792	rBV	1497637	1446717	31.55%	2.813%
68	12.669	1796	1799	1803	rVB2	153683	161206	3.52%	0.313%
69	12.763	1811	1815	1821	rVB	1416114	1296316	28.27%	2.521%
70	12.827	1821	1826	1830	rBV	220596	309861	6.76%	0.603%
71	12.916	1838	1841	1843	rBV3	166692	217900	4.75%	0.424%
72	12.939	1843	1845	1848	rVB	403825	339004	7.39%	0.659%
73	13.004	1853	1856	1859	rVB	319054	276410	6.03%	0.538%
74	13.039	1859	1862	1866	rBV	357468	341992	7.46%	0.665%
75	13.133	1875	1878	1881	rVB	321334	239551	5.22%	0.466%
76	13.163	1881	1883	1887	rVB	354776	305732	6.67%	0.595%

LSC Area Percent Report

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Acq On : 17 Sep 2022 01:08
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Sample : N4665-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.339	1910	1913	1915	rBV	89152	99981	2.18%	0.194%
78	13.422	1923	1927	1929	rBV2	103528	138015	3.01%	0.268%
79	13.557	1944	1950	1953	rBV3	177993	286016	6.24%	0.556%
80	13.586	1953	1955	1956	rVV	128617	100754	2.20%	0.196%
81	13.798	1987	1991	1994	rBV2	878706	1182030	25.77%	2.299%
82	13.833	1994	1997	2003	rVB	688851	680251	14.83%	1.323%
83	14.192	2053	2058	2061	rVV	402956	460633	10.04%	0.896%
84	14.221	2061	2063	2067	rVV	202947	211577	4.61%	0.411%
85	14.263	2067	2070	2071	rVV3	95457	100718	2.20%	0.196%
86	14.280	2071	2073	2076	rVV3	195224	216666	4.72%	0.421%
87	14.316	2076	2079	2081	rVV	198058	222378	4.85%	0.432%
88	14.333	2081	2082	2087	rVV2	157403	150759	3.29%	0.293%
89	14.516	2110	2113	2119	rVB3	73919	144967	3.16%	0.282%
90	14.598	2123	2127	2130	rVB2	112359	149230	3.25%	0.290%
91	14.663	2135	2138	2141	rVV	80134	107023	2.33%	0.208%
92	14.810	2158	2163	2169	rBV	332944	644554	14.05%	1.253%
93	14.904	2175	2179	2183	rVB2	144279	171088	3.73%	0.333%
94	15.080	2205	2209	2214	rBV	304381	323976	7.06%	0.630%
95	15.139	2215	2219	2224	rVV	541929	576974	12.58%	1.122%
96	15.198	2224	2229	2232	rVV	428921	496220	10.82%	0.965%
97	15.227	2232	2234	2240	rVB3	115457	186340	4.06%	0.362%
98	15.633	2299	2303	2307	rBV3	92526	145542	3.17%	0.283%
99	16.515	2447	2453	2461	rVB2	130096	254222	5.54%	0.494%
100	16.910	2515	2520	2528	rVB	118998	217138	4.73%	0.422%

Sum of corrected areas: 51424753

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
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Instrument :
BNA_F
ClientSampleId :
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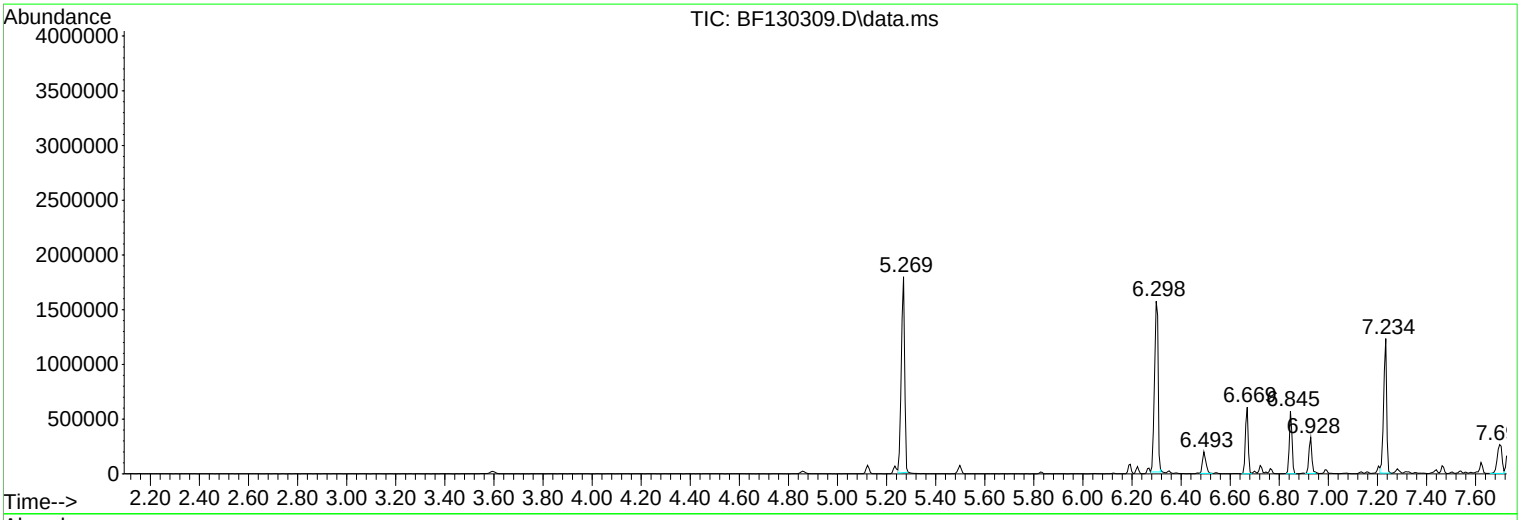
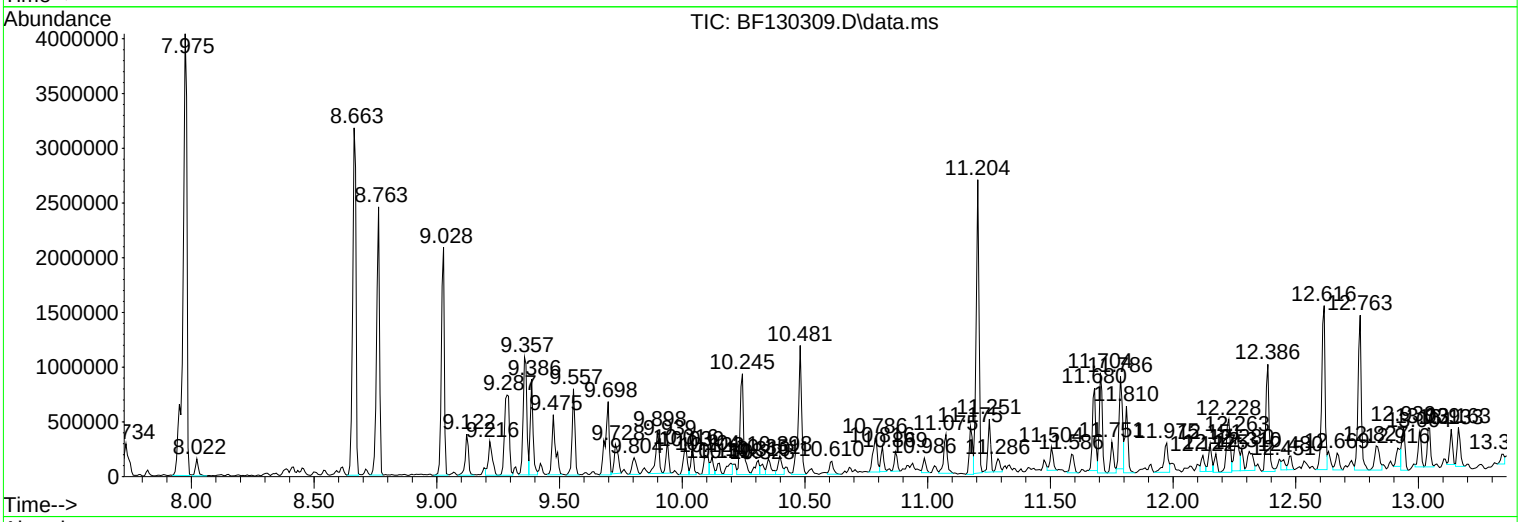
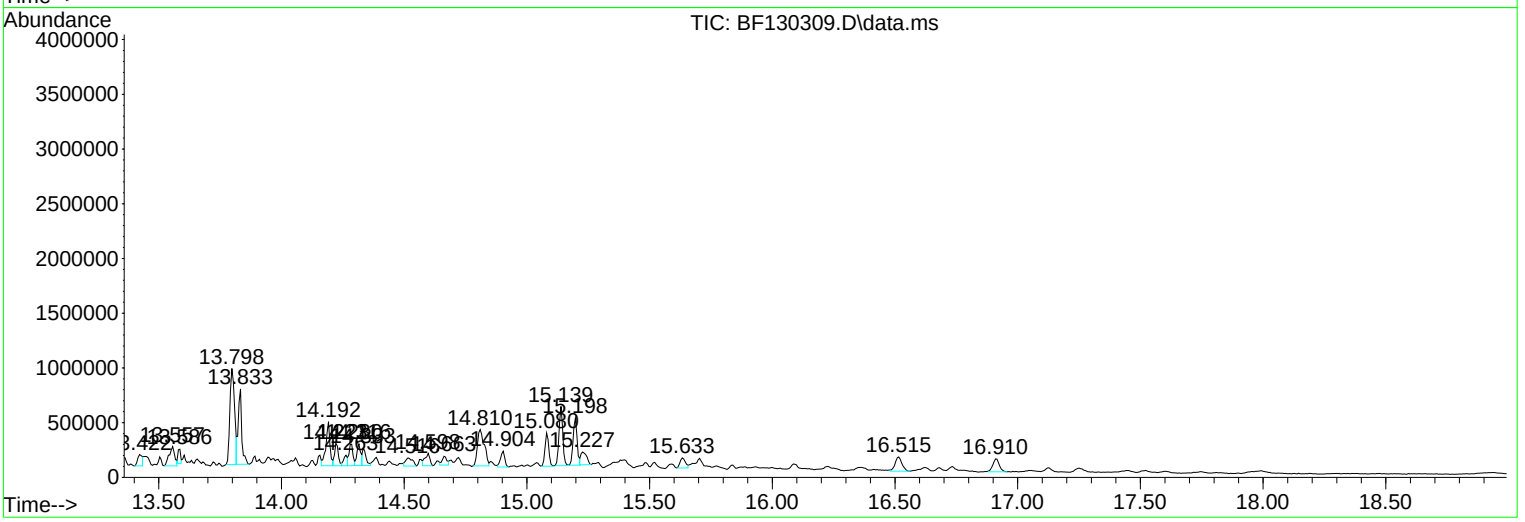
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
Acq On : 17 Sep 2022 01:08
Operator : CG\JU
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

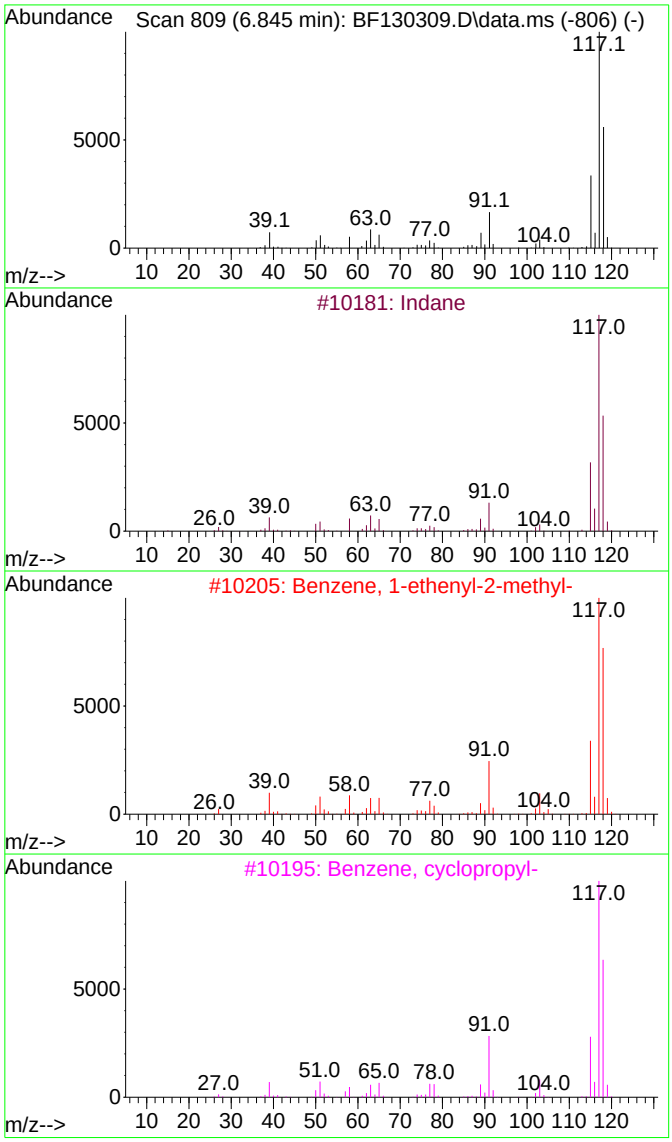
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

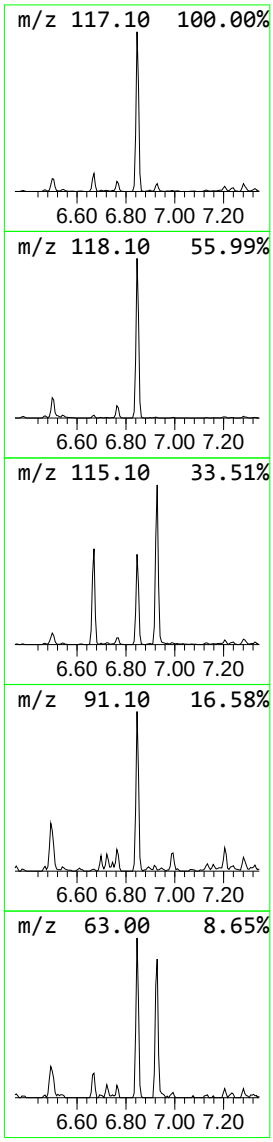
****

Peak Number 1 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.845	18.23 ng	436765	1,4-Dichlorobenzene-d4	6.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	53
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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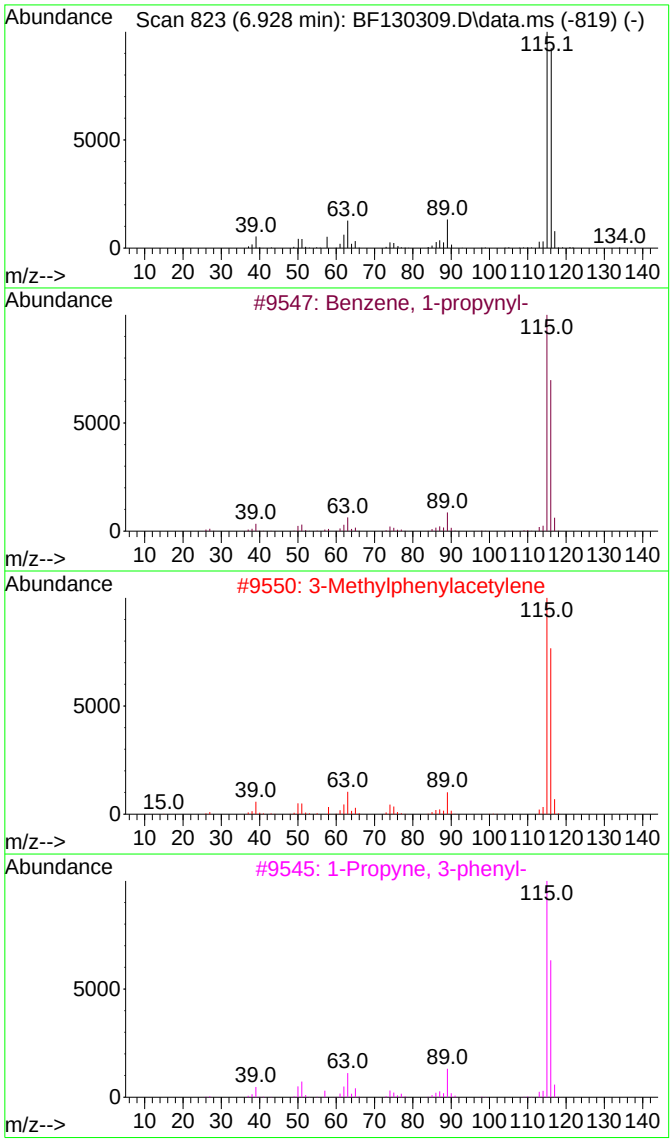
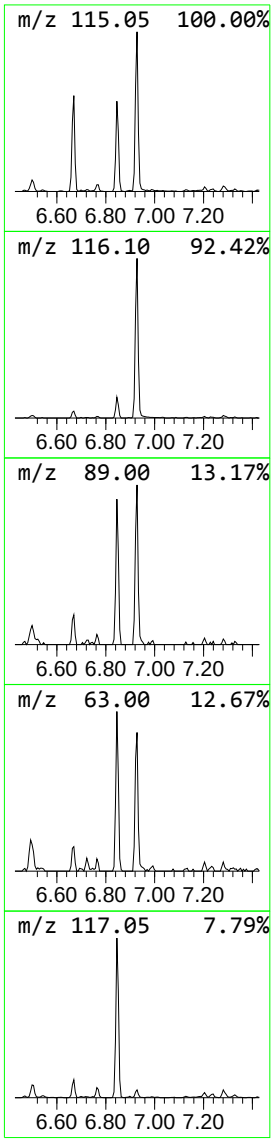
Peak Number 2 Benzene, 1-propynyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.928	11.34 ng	271838	1,4-Dichlorobenzene-d4	6.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	2-Methylphenylacetylene	116	C9H8	000766-47-2	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91





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ALS Vial : 19 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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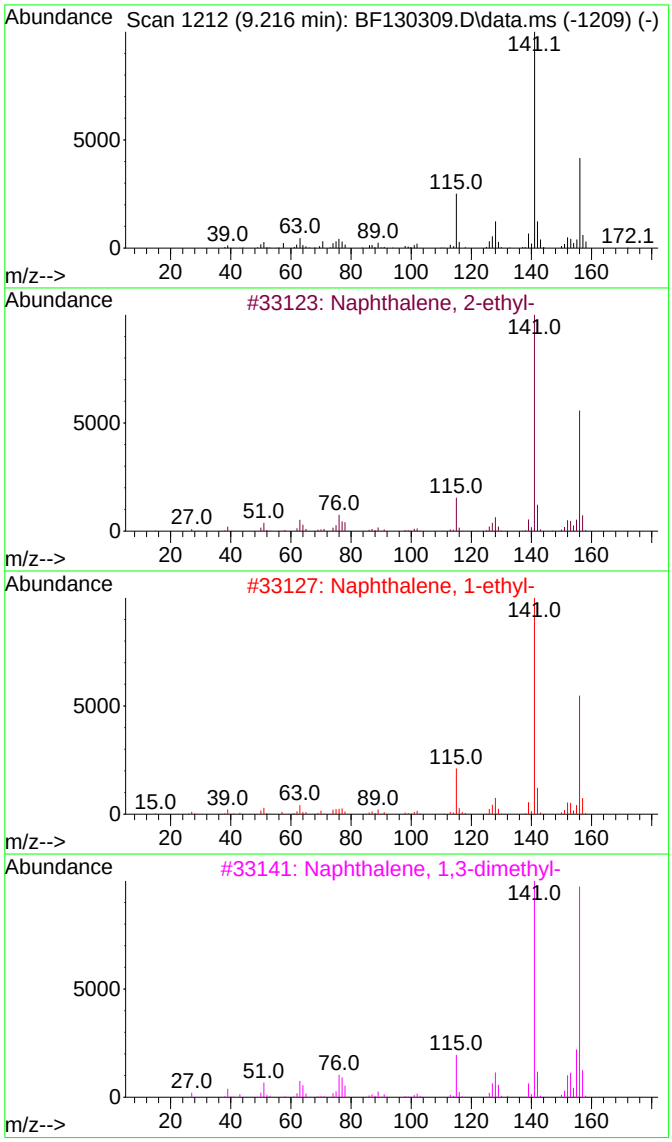
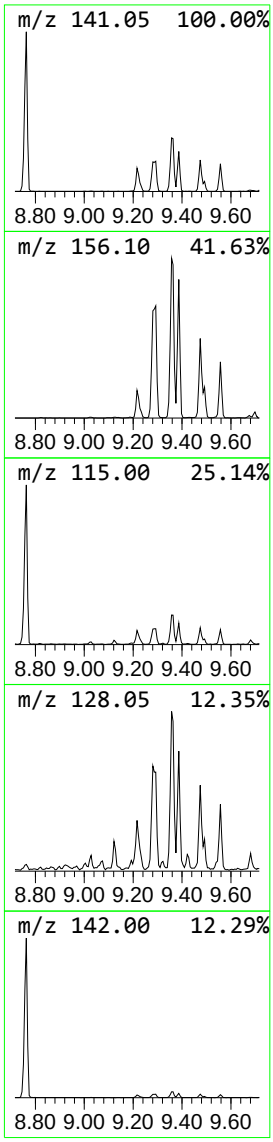
Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.216	9.18 ng	342525	Acenaphthene-d10	9.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	59





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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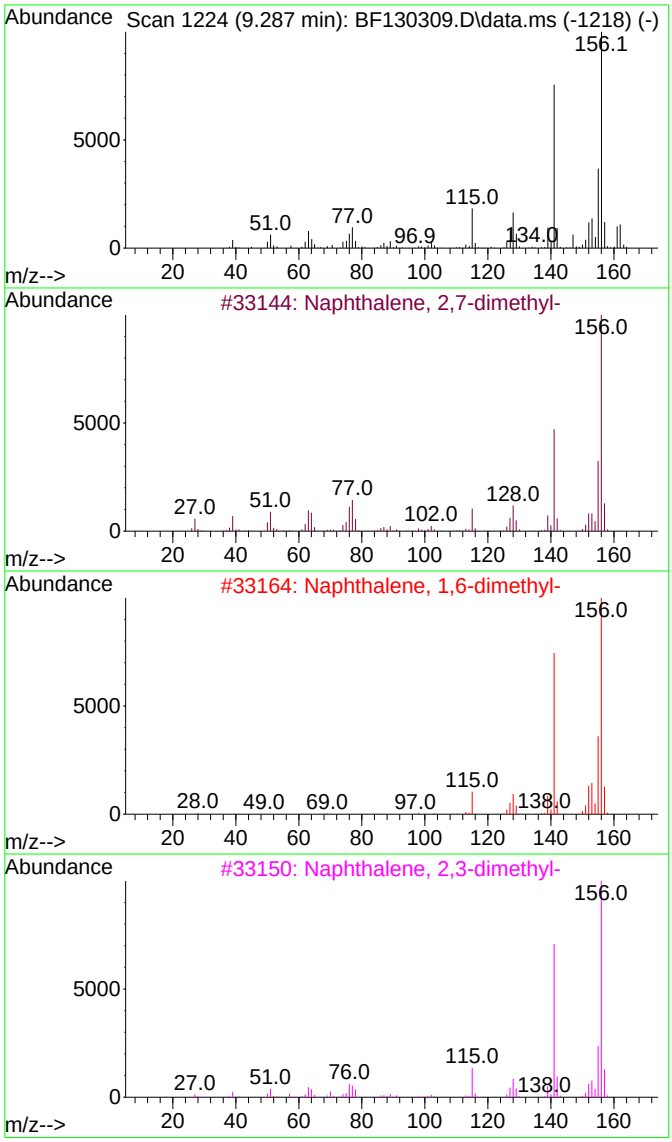
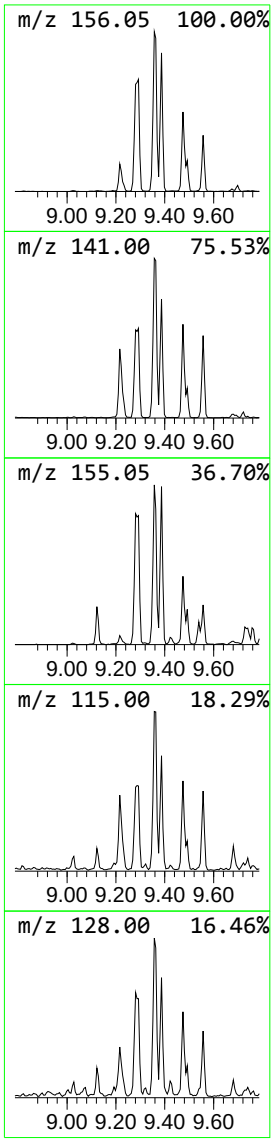
Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	27.14 ng	1012730	Acenaphthene-d10	9.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
Acq On : 17 Sep 2022 01:08
Operator : CG\JU
Sample : N4665-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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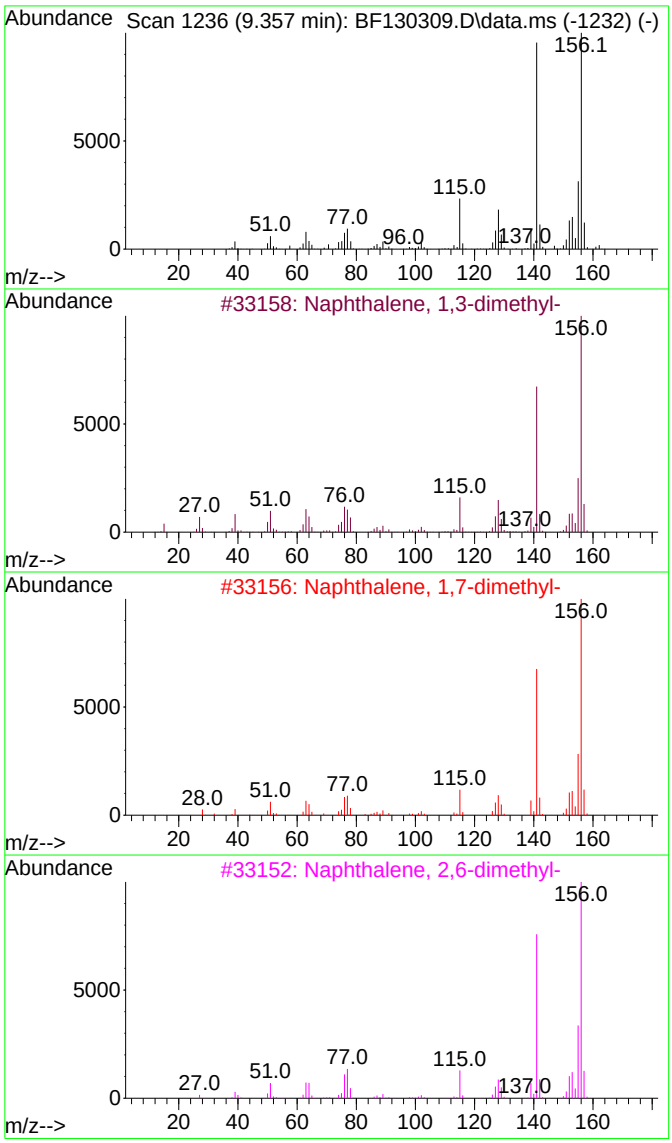
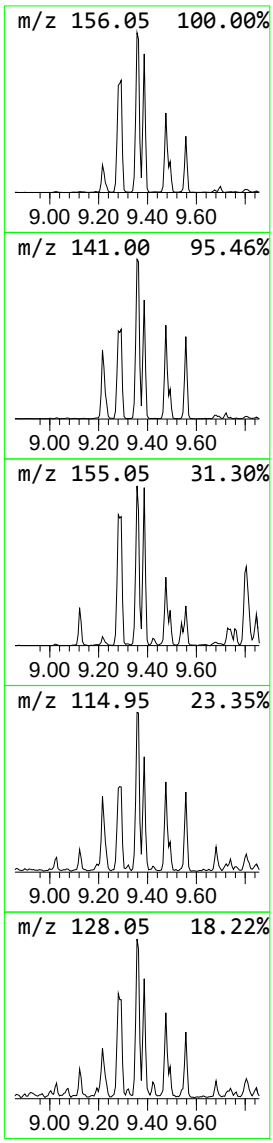
Peak Number 5 Naphthalene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.357	30.55 ng	1140110	Acenaphthene-d10	9.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Operator : CG\JU
Sample : N4665-01
Misc :
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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

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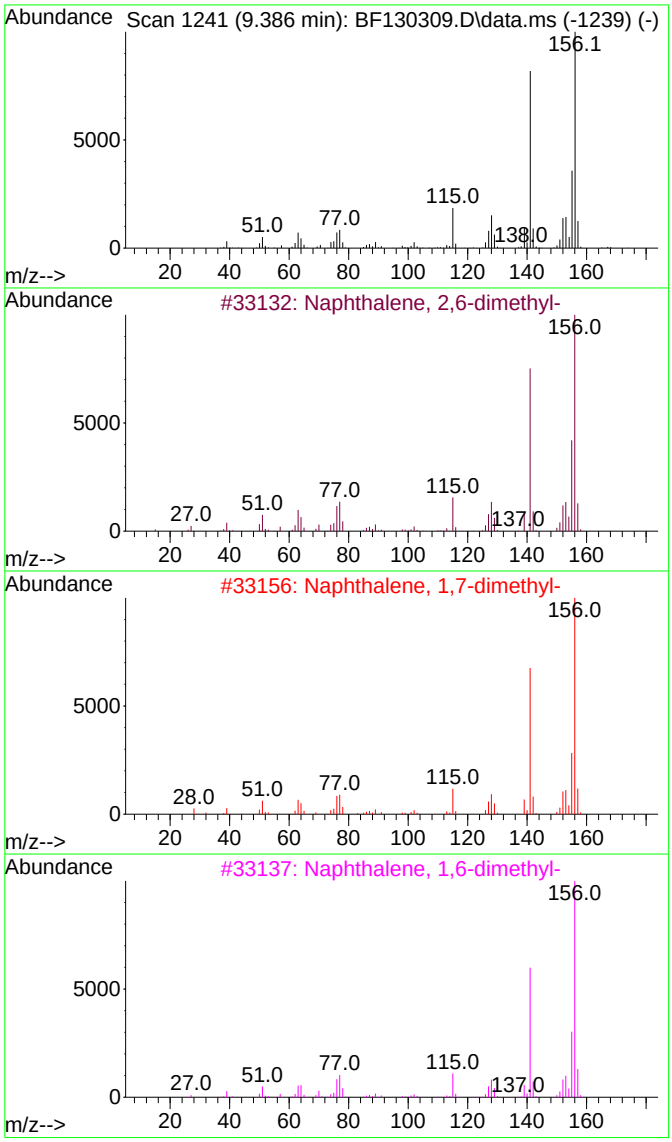
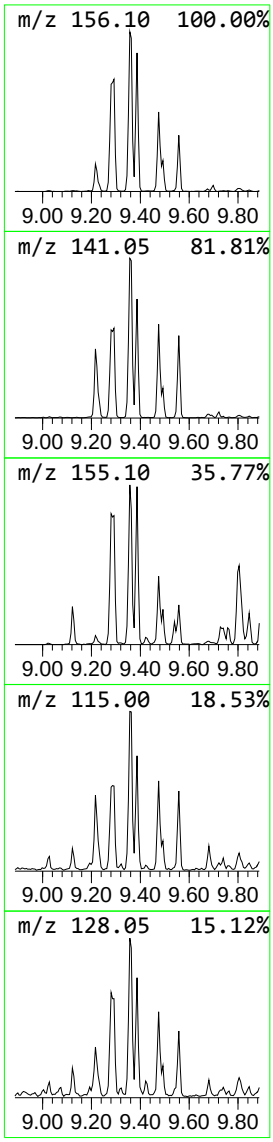
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	18.01 ng	672171	Acenaphthene-d10	9.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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BNA_F
ClientSampleId :
COMP-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

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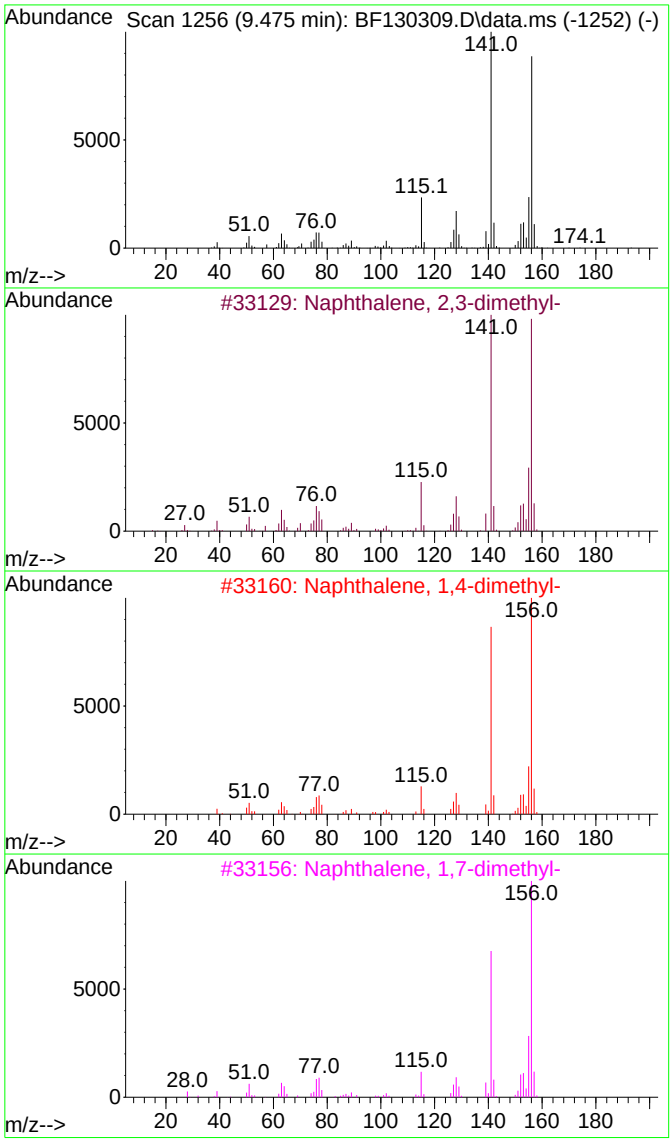
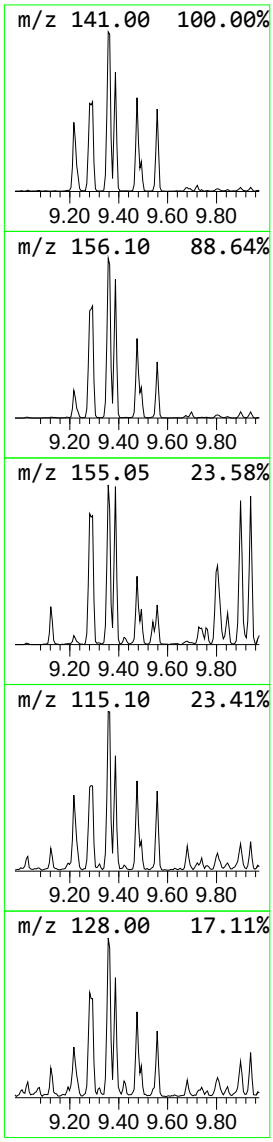
Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	15.31 ng	571186	Acenaphthene-d10	9.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





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ClientSampleId :
COMP-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

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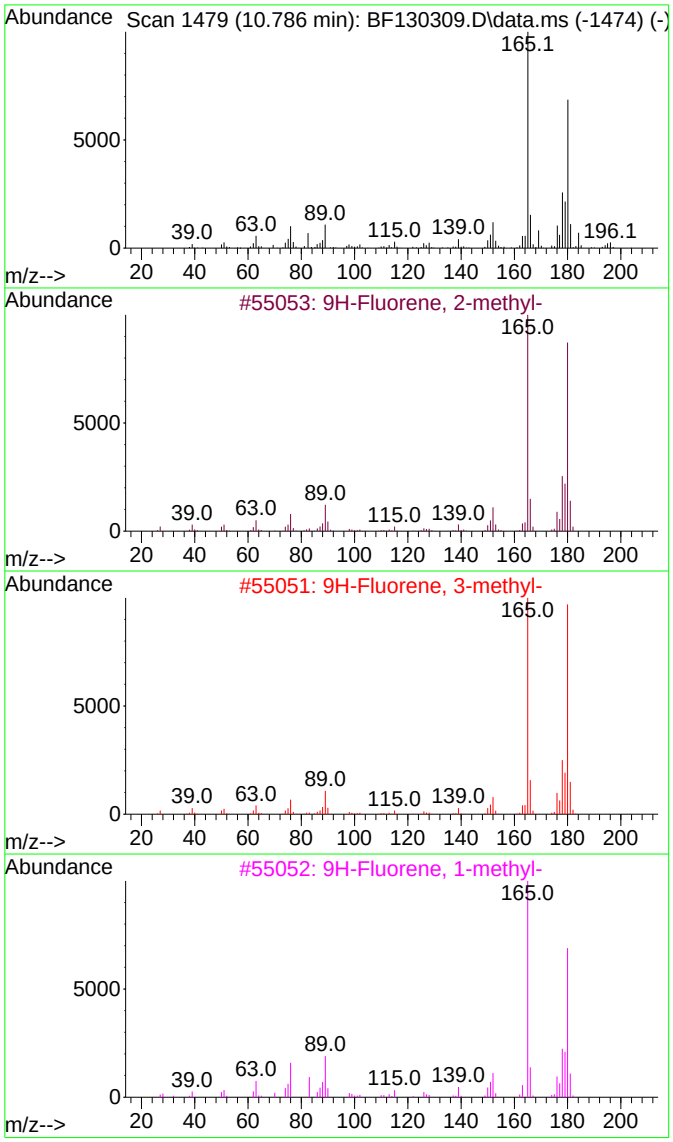
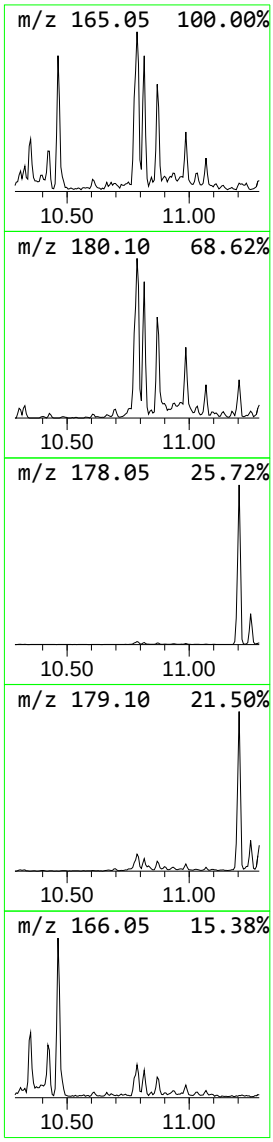
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	19.09 ng	384866	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
5	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	55





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ALS Vial : 19 Sample Multiplier: 1

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BNA_F
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

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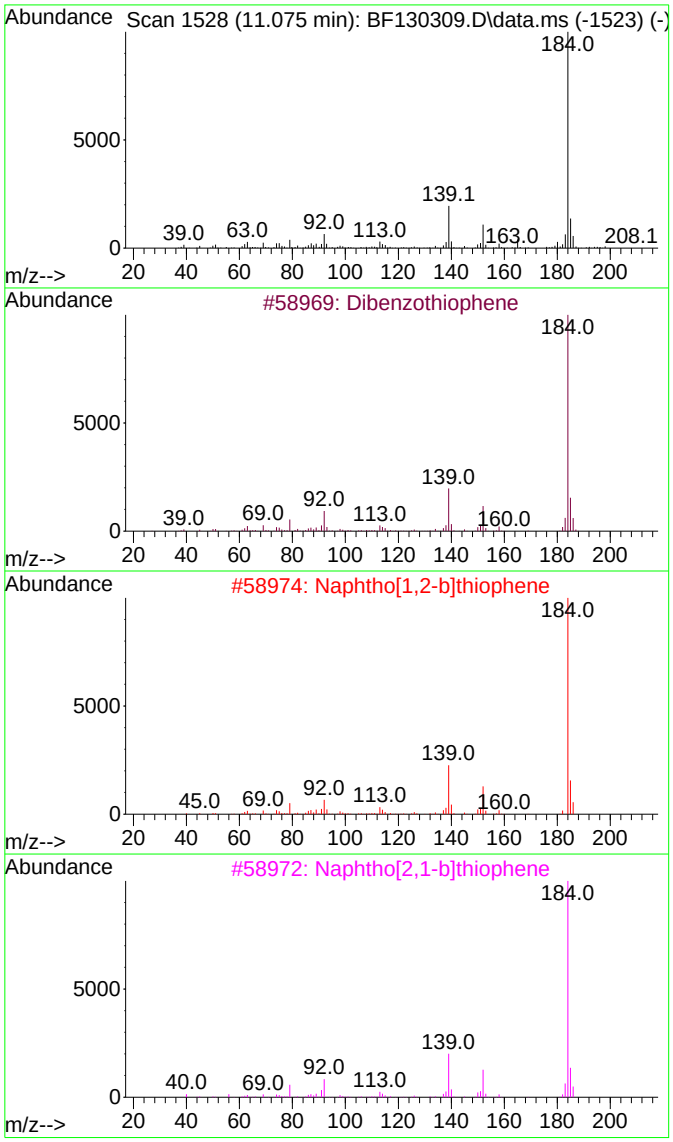
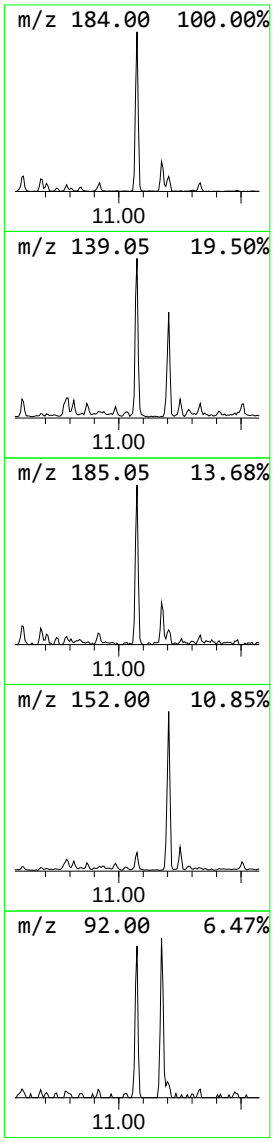
Peak Number 9 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.075	17.61 ng	355011	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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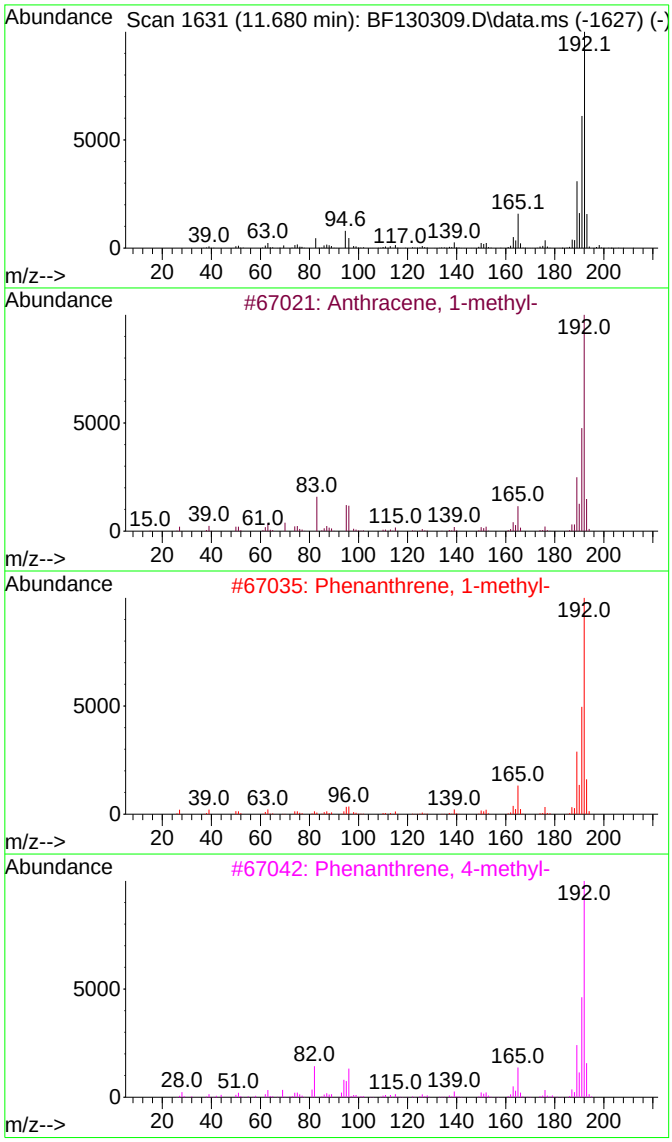
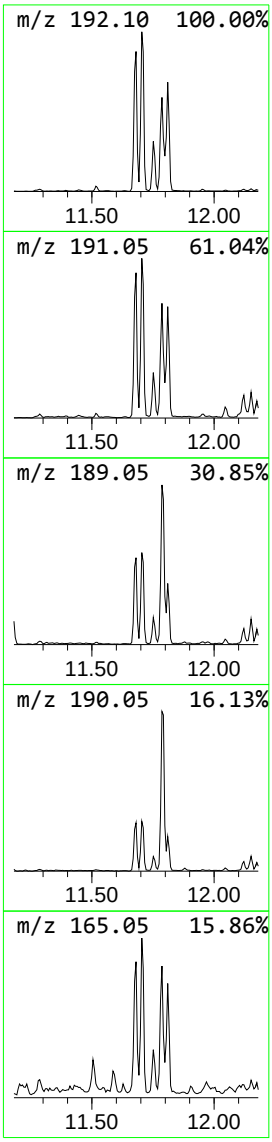
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.681	34.25 ng	690302	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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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

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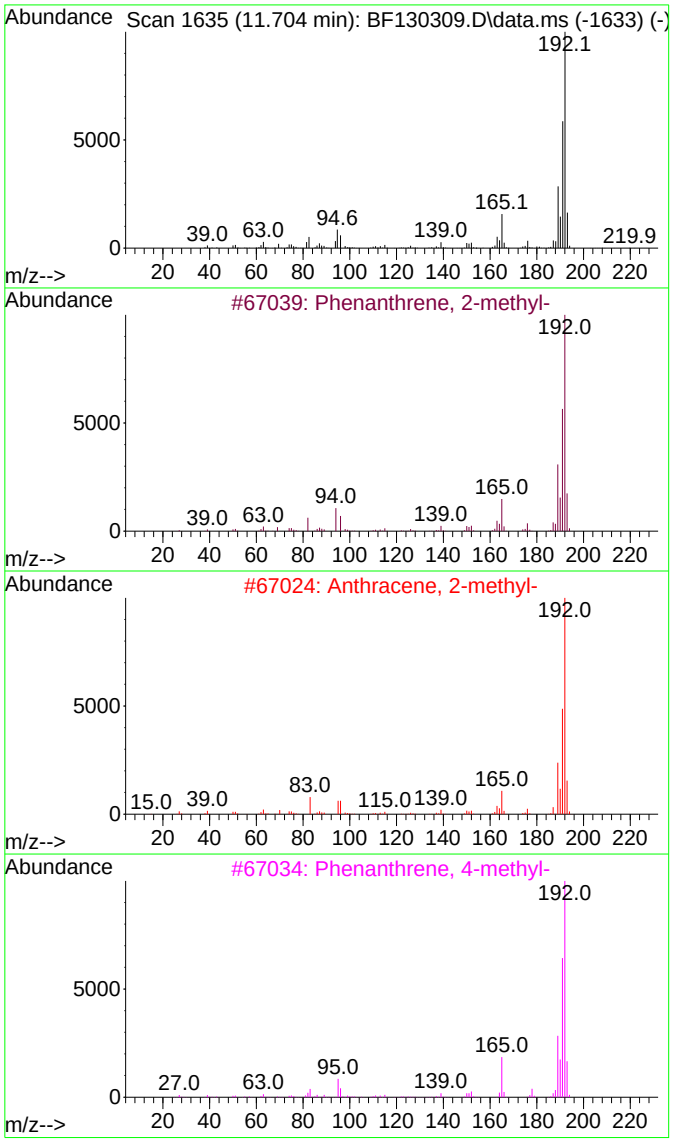
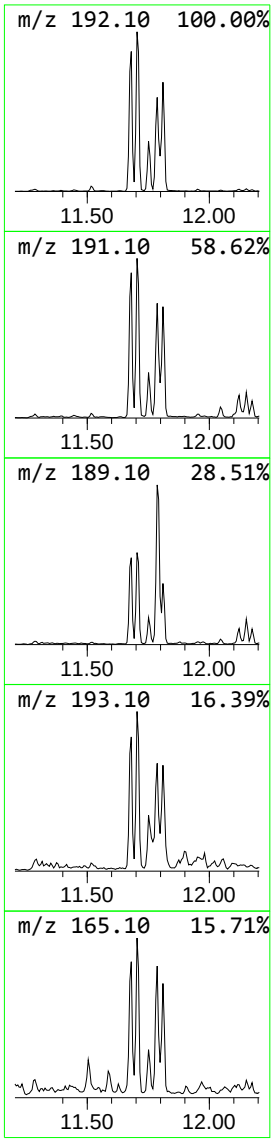
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.704	38.58 ng	777599	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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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

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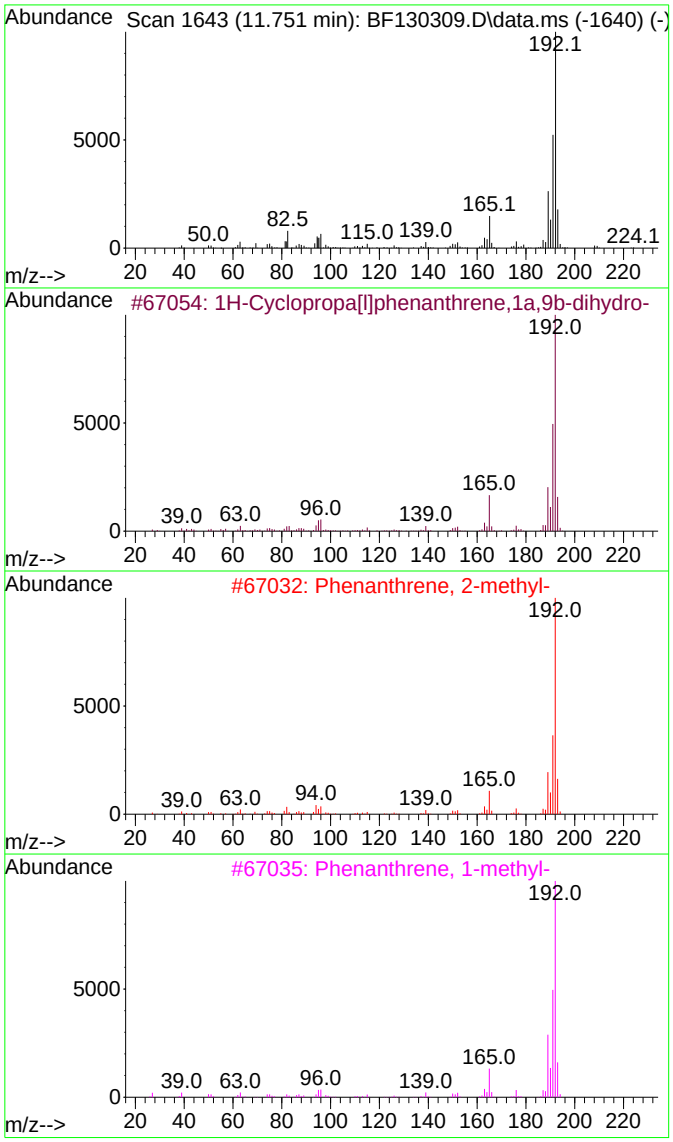
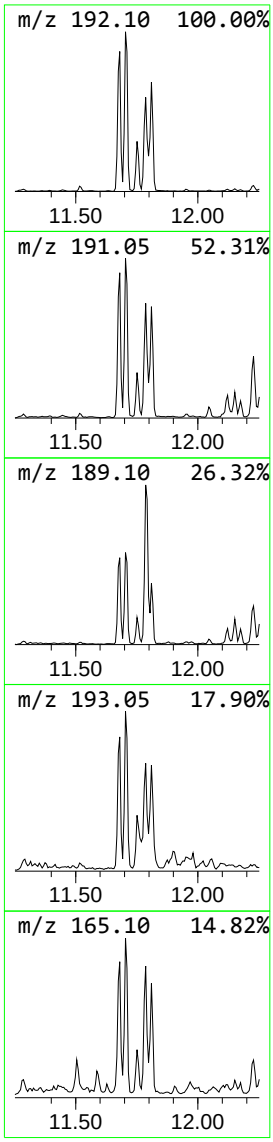
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.751	12.22 ng	246351	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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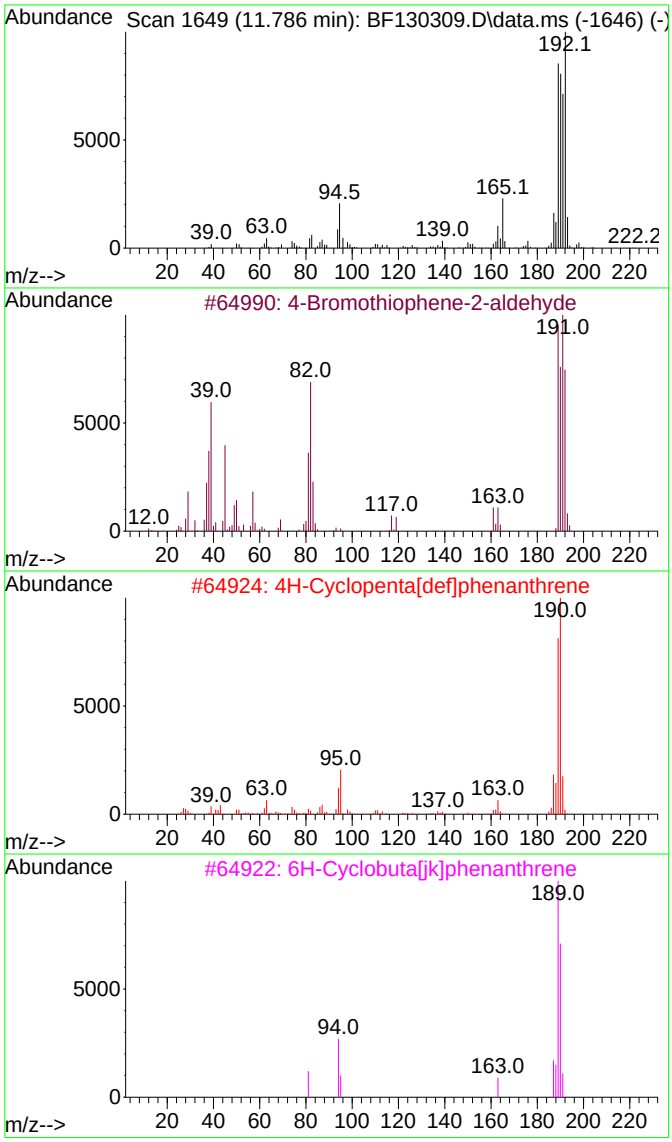
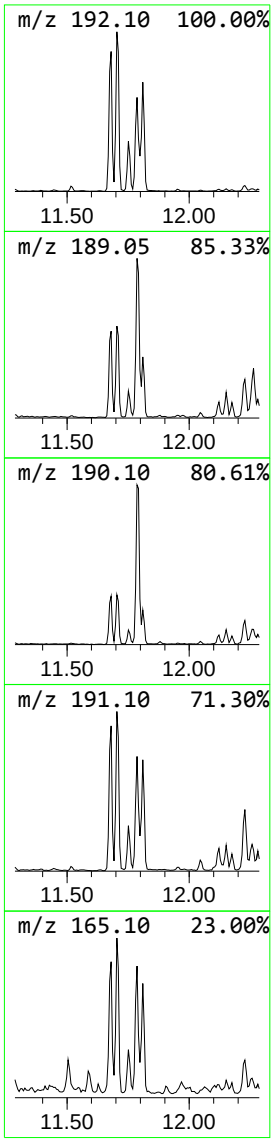
Peak Number 13 4-Bromothiophene-2-aldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.786	38.81 ng	782263	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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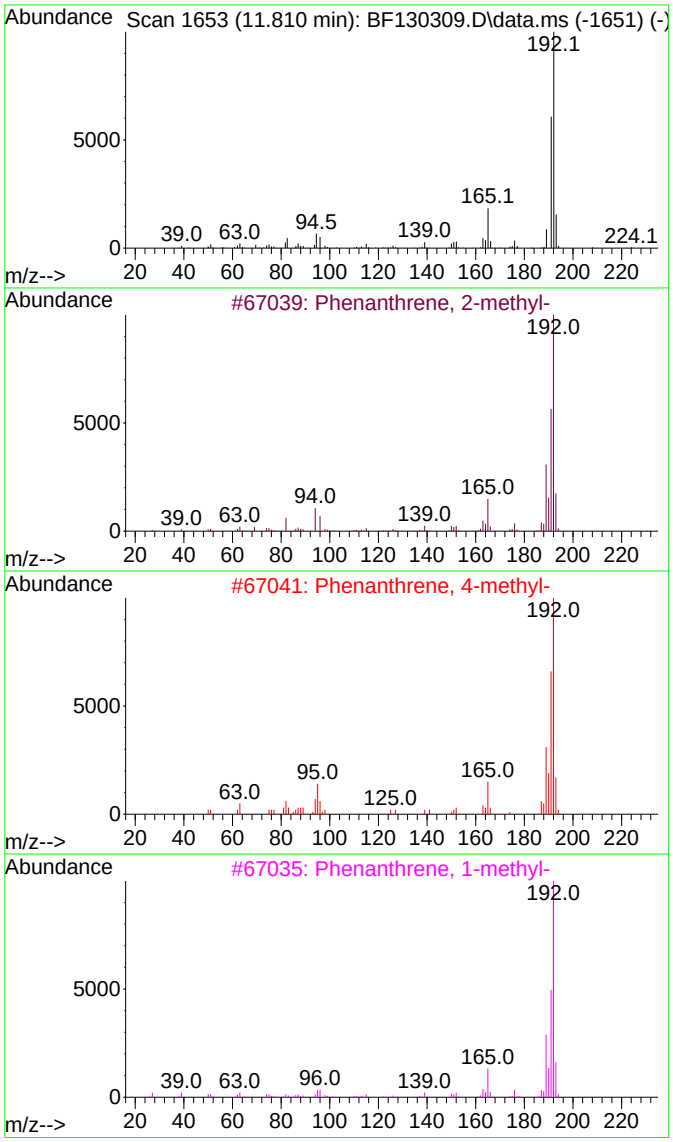
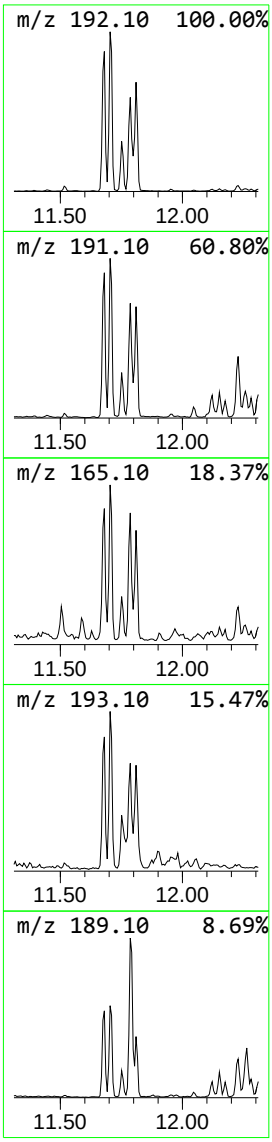
Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	24.20 ng	487873	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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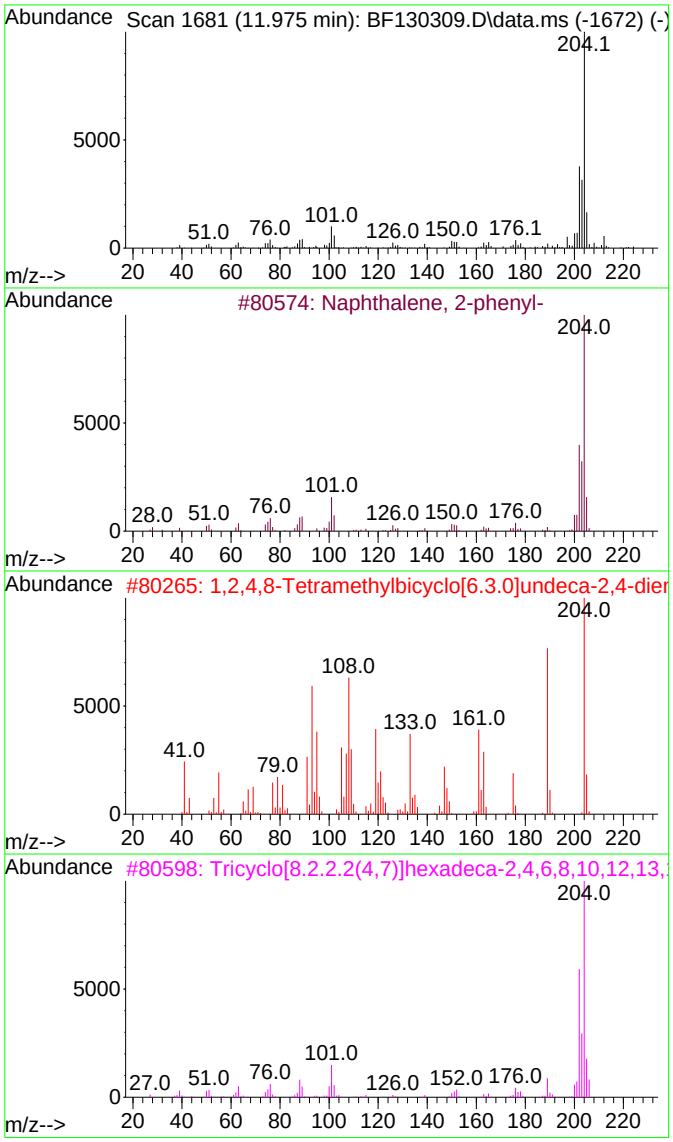
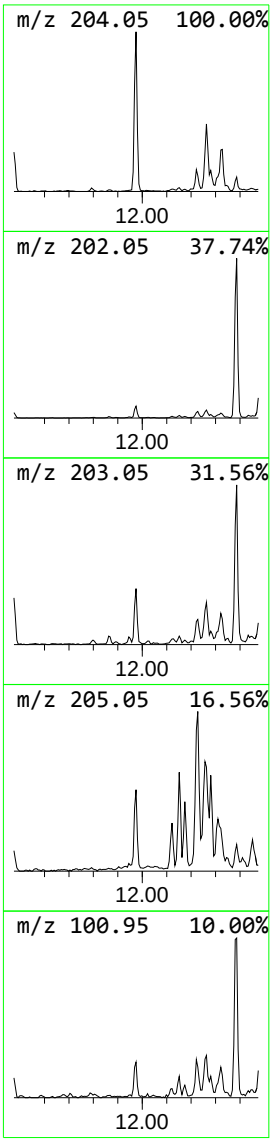
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	16.74 ng	337529	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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

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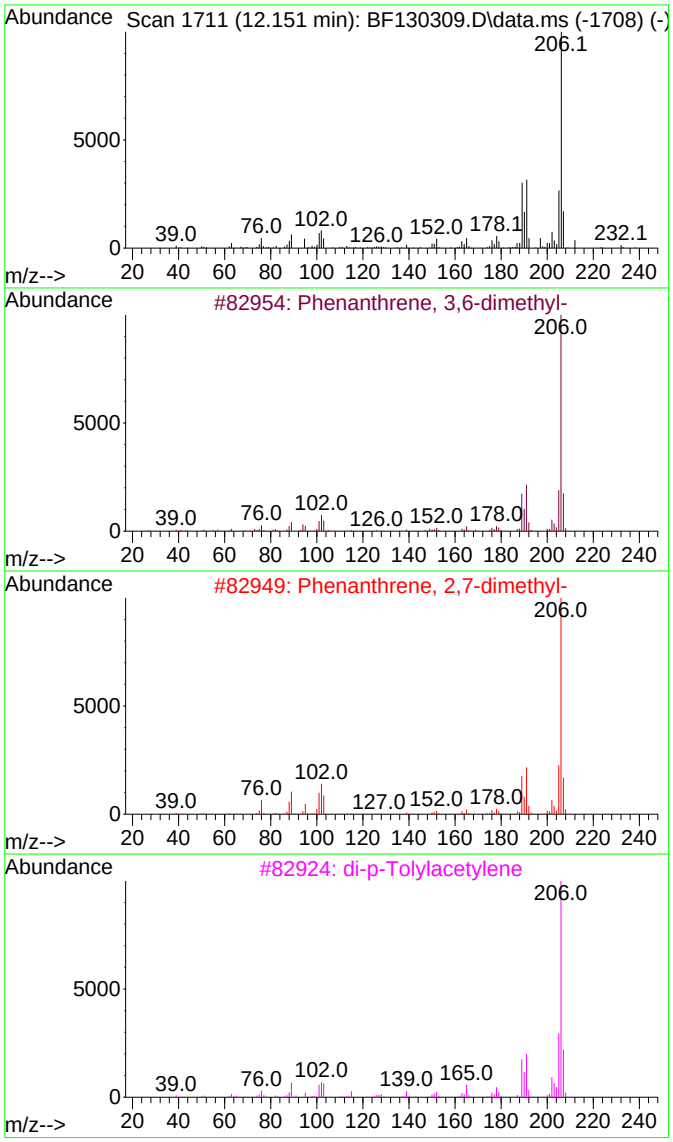
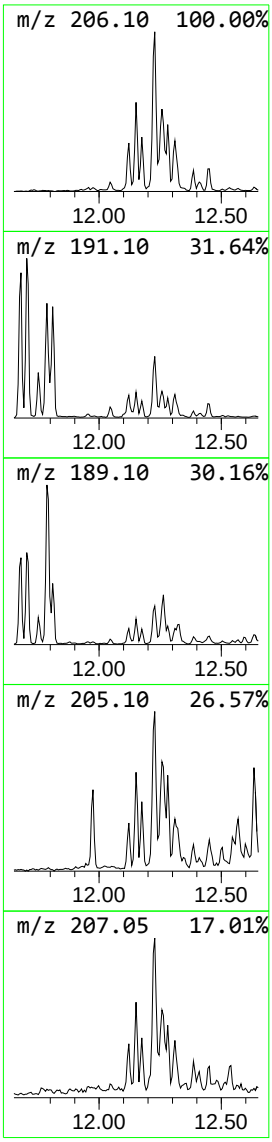
Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.151	11.16 ng	224934	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	81





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Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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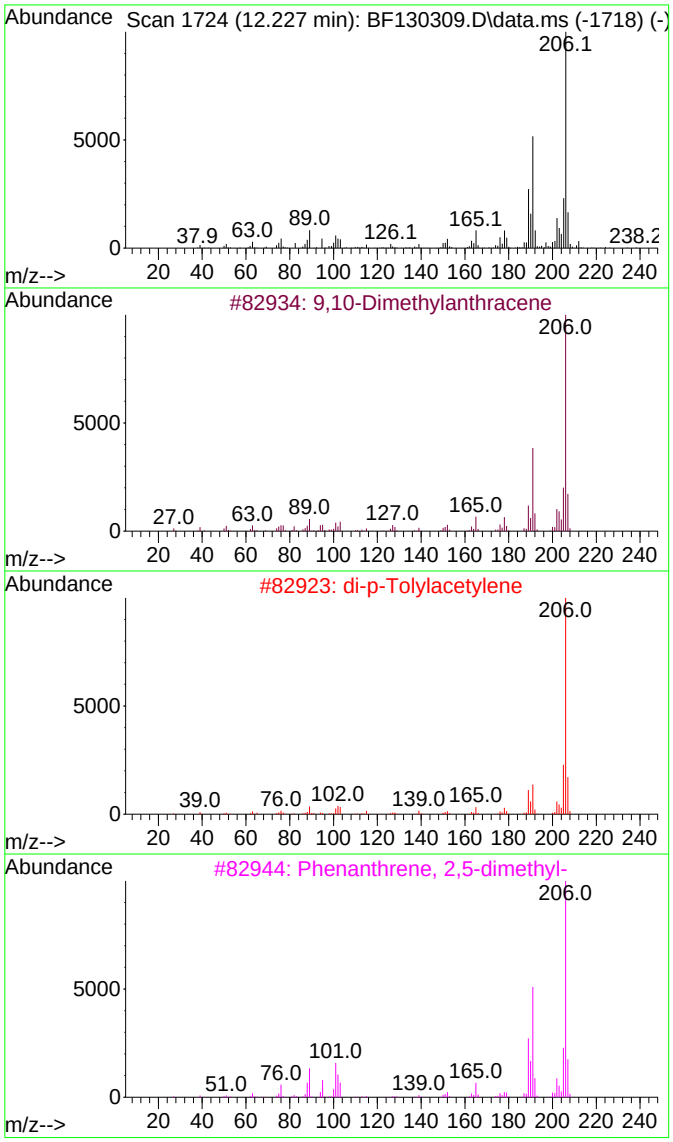
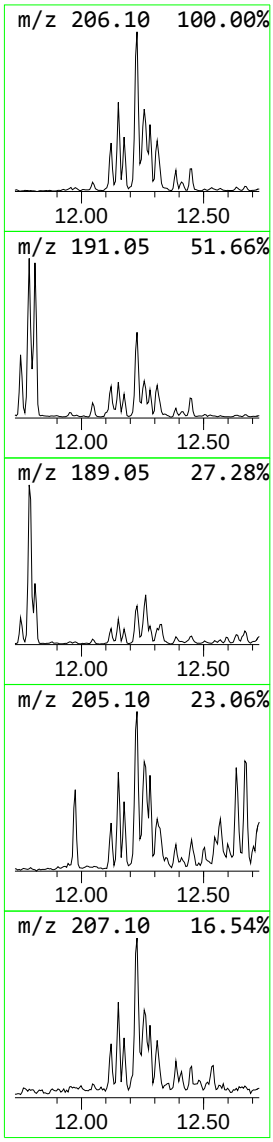
Peak Number 17 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	26.62 ng	536582	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
Acq On : 17 Sep 2022 01:08
Operator : CG\JU
Sample : N4665-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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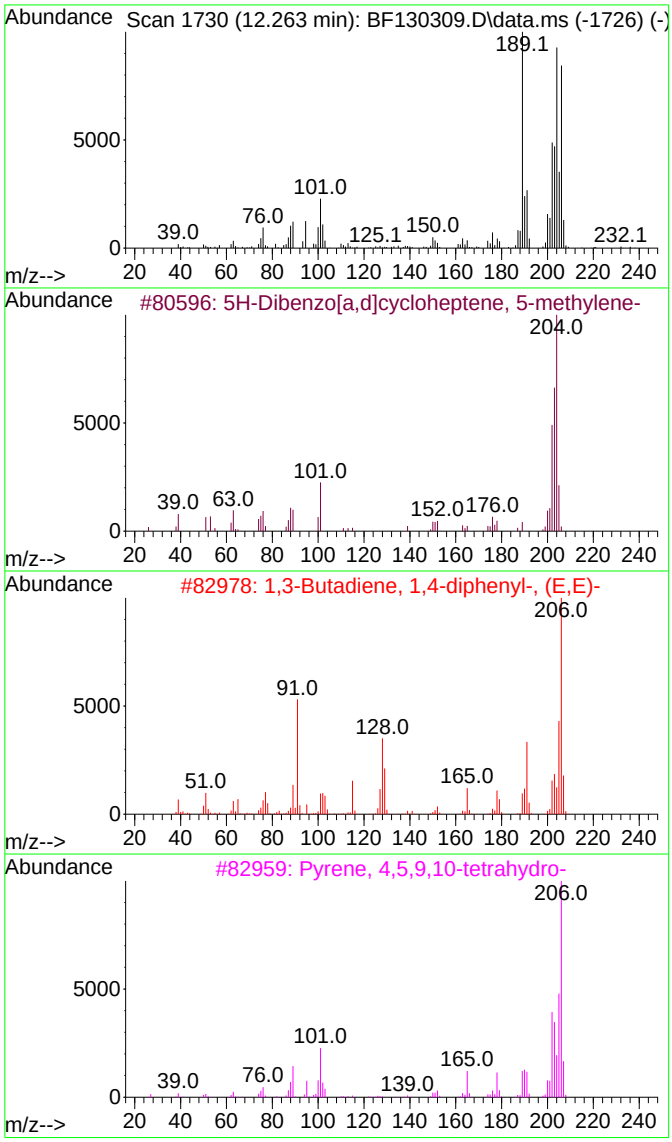
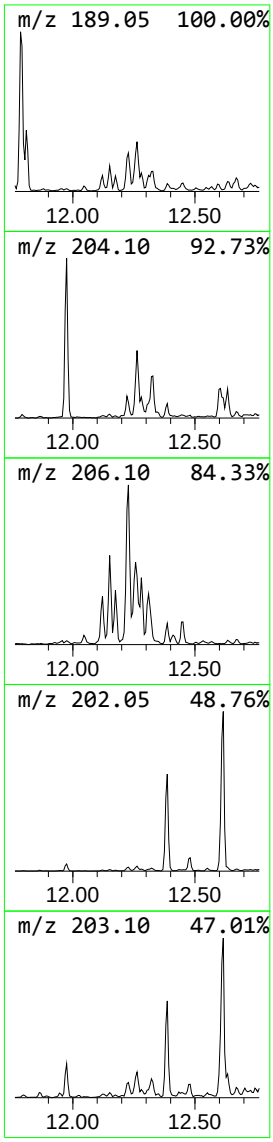
Peak Number 18 5H-Dibenzo[a,d]cycloheptene... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.263	21.92 ng	441853	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	55
2	1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	38
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	38
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
Acq On : 17 Sep 2022 01:08
Operator : CG\JU
Sample : N4665-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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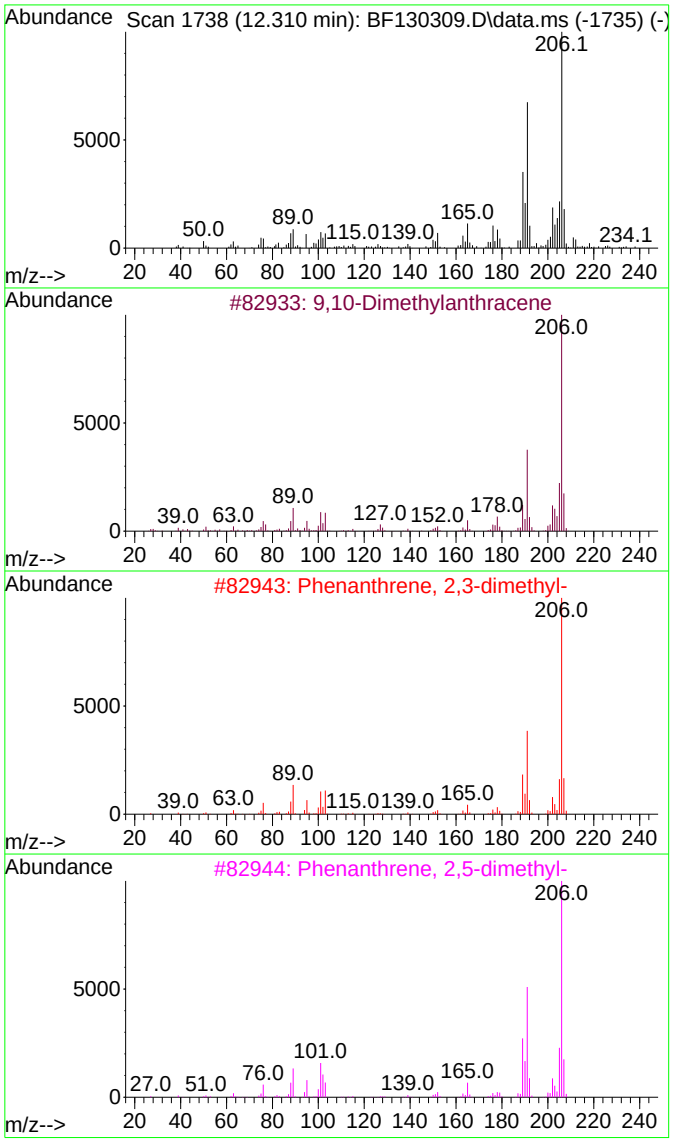
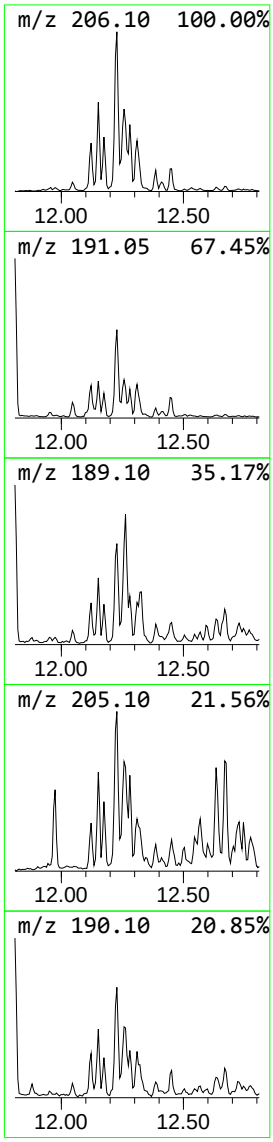
Peak Number 19 Phenanthrene, 2,3-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.310	13.71 ng	276284	Phenanthrene-d10	11.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
Acq On : 17 Sep 2022 01:08
Operator : CG\JU
Sample : N4665-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.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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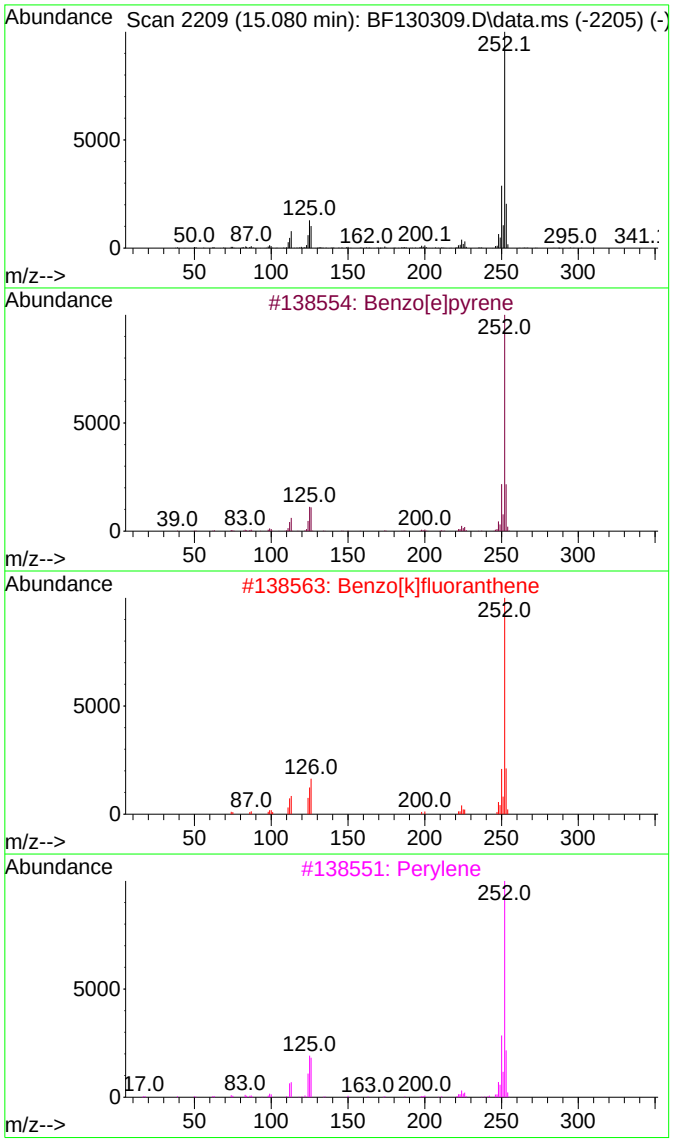
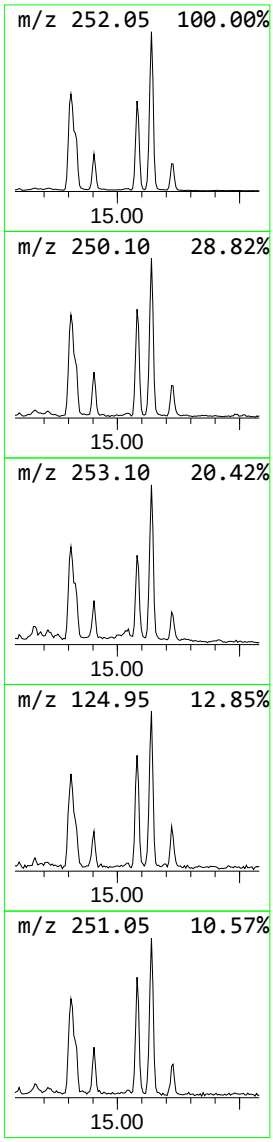
Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.080	13.06 ng	323976	Perylene-d12	15.198

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
Data File : BF130309.D
Acq On : 17 Sep 2022 01:08
Operator : CG\JU
Sample : N4665-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Indane	6.845	18.2	ng	436765	1	6.669	479274	20.0
Benzene, 1-prop...	6.928	11.3	ng	271838	1	6.669	479274	20.0
Naphthalene, 2-...	9.216	9.2	ng	342525	3	9.698	746322	20.0
Naphthalene, 2,...	9.287	27.1	ng	1012730	3	9.698	746322	20.0
Naphthalene, 1,...	9.357	30.6	ng	1140110	3	9.698	746322	20.0
Naphthalene, 2,...	9.386	18.0	ng	672171	3	9.698	746322	20.0
Naphthalene, 2,...	9.475	15.3	ng	571186	3	9.698	746322	20.0
9H-Fluorene, 2-...	10.786	19.1	ng	384866	4	11.175	403144	20.0
Dibenzothiophene	11.075	17.6	ng	355011	4	11.175	403144	20.0
Anthracene, 1-m...	11.681	34.3	ng	690302	4	11.175	403144	20.0
Phenanthrene, 2...	11.704	38.6	ng	777599	4	11.175	403144	20.0
1H-Cyclopropa[l...	11.751	12.2	ng	246351	4	11.175	403144	20.0
4-Bromothiophen...	11.786	38.8	ng	782263	4	11.175	403144	20.0
Phenanthrene, 4...	11.810	24.2	ng	487873	4	11.175	403144	20.0
Naphthalene, 2-...	11.975	16.7	ng	337529	4	11.175	403144	20.0
Phenanthrene, 3...	12.151	11.2	ng	224934	4	11.175	403144	20.0
9,10-Dimethylan...	12.227	26.6	ng	536582	4	11.175	403144	20.0
5H-Dibenzo[a,d]...	12.263	21.9	ng	441853	4	11.175	403144	20.0
Phenanthrene, 2...	12.310	13.7	ng	276284	4	11.175	403144	20.0
Benzo[e]pyrene	15.080	13.1	ng	323976	6	15.198	496220	20.0