LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134298.D
Acq On : 14 Jul 2023 19:37
Operator : CG\JU
Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NB-8-071223

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134298.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.081	506	509	521	rVB	42224	56143	2.63%	0.174%
2	5.475	572	576	589	rBV	1644397	1551130	72.77%	4.796%
3	6.481	742	747	762	rBV	1596926	1591358	74.66%	4.920%
4	6.840	805	808	815	rBV	631400	481318	22.58%	1.488%
5	7.404	900	904	907	rBV	1199492	1001460	46.99%	3.096%
6	8.122	1022	1026	1028	rBV	689693	596775	28.00%	1.845%
7	8.140	1028	1029	1033	rVV	111000	76831	3.60%	0.238%
8	8.175	1033	1035	1037	rVB	44906	33165	1.56%	0.103%
9	8.410	1070	1075	1079	rVB6	30369	39145	1.84%	0.121%
10	8.534	1093	1096	1099	rBV	54753	55547	2.61%	0.172%
11	8.834	1145	1147	1150	rBV	91028	67959	3.19%	0.210%
12	8.934	1160	1164	1167	rVB	132539	107569	5.05%	0.333%
13	9.139	1196	1199	1204	rBV2	63295	59501	2.79%	0.184%
14	9.198	1205	1209	1212	rBV	2283462	1835950	86.14%	5.677%
15	9.310	1224	1228	1232	rVB2	216145	216494	10.16%	0.669%
16	9.392	1239	1242	1248	rVB	33890	37310	1.75%	0.115%
17	9.463	1250	1254	1258	rBV	82971	114389	5.37%	0.354%
18	9.534	1263	1266	1269	rVV	142923	142387	6.68%	0.440%
19	9.563	1269	1271	1273	rVV	84515	76793	3.60%	0.237%
20	9.592	1275	1276	1279	rVV2	44709	34680	1.63%	0.107%
21	9.651	1283	1286	1291	rBV	62126	69927	3.28%	0.216%
22	9.739	1298	1301	1306	rBV2	57676	53636	2.52%	0.166%
23	9.857	1317	1321	1322	rBV3	42682	42287	1.98%	0.131%
24	9.881	1322	1325	1327	rVV	773175	654205	30.69%	2.023%
25	9.910	1327	1330	1334	rVB	382465	298597	14.01%	0.923%
26	9.981	1339	1342	1346	rVB2	39692	46484	2.18%	0.144%
27	10.034	1346	1351	1353	rBV3	28220	37765	1.77%	0.117%
28	10.081	1355	1359	1363	rBV	274251	267399	12.55%	0.827%
29	10.122	1363	1366	1371	rVB2	58207	50689	2.38%	0.157%
30	10.192	1375	1378	1381	rBV	51945	53818	2.52%	0.166%
31	10.286	1389	1394	1395	rBV2	42115	48459	2.27%	0.150%
32	10.428	1414	1418	1424	rBV	581759	501742	23.54%	1.551%
33	10.586	1442	1445	1449	rVB	81640	79395	3.72%	0.245%
34	10.675	1456	1460	1464	rBV	1356123	1282752	60.18%	3.966%
35	10.798	1475	1481	1487	rVB2	70647	100751	4.73%	0.312%
36	10.981	1507	1512	1514	rBV2	87496	103422	4.85%	0.320%

LSC Area Percent Report

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Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.010	1514	1517	1520	rVV3	53081	52974	2.49%	0.164%
38	11.063	1524	1526	1529	rVB	54740	40719	1.91%	0.126%
39	11.110	1529	1534	1535	rBV3	30934	45741	2.15%	0.141%
40	11.222	1550	1553	1556	rBV3	31261	40058	1.88%	0.124%
41	11.269	1557	1561	1567	rVB	186641	183983	8.63%	0.569%
42	11.375	1576	1579	1581	rBV	758512	709075	33.27%	2.192%
43	11.404	1581	1584	1587	rVV	2342287	1973917	92.61%	6.103%
44	11.451	1587	1592	1595	rVV	685074	592807	27.81%	1.833%
45	11.486	1595	1598	1601	rVV	63078	80360	3.77%	0.248%
46	11.533	1603	1606	1612	rVV3	25650	46488	2.18%	0.144%
47	11.610	1615	1619	1624	rBV	198733	205594	9.65%	0.636%
48	11.669	1627	1629	1633	rVV2	53495	51805	2.43%	0.160%
49	11.704	1633	1635	1640	rVB3	48453	59449	2.79%	0.184%
50	11.786	1647	1649	1654	rVB	28870	33273	1.56%	0.103%
51	11.880	1661	1665	1667	rBV	214978	217275	10.19%	0.672%
52	11.904	1667	1669	1674	rVV	601457	547789	25.70%	1.694%
53	11.957	1675	1678	1680	rVV	106767	109287	5.13%	0.338%
54	11.992	1680	1684	1686	rVV	555162	539991	25.33%	1.670%
55	12.016	1686	1688	1692	rVB	147966	122464	5.75%	0.379%
56	12.175	1712	1715	1718	rVV	147313	131383	6.16%	0.406%
57	12.204	1718	1720	1725	rVB	59801	58927	2.76%	0.182%
58	12.322	1739	1740	1743	rVV	41512	35882	1.68%	0.111%
59	12.357	1743	1746	1748	rVV	70673	56632	2.66%	0.175%
60	12.380	1748	1750	1753	rVB2	42024	35359	1.66%	0.109%
61	12.433	1755	1759	1761	rBV	133856	142162	6.67%	0.440%
62	12.469	1761	1765	1767	rVV3	90580	110887	5.20%	0.343%
63	12.527	1771	1775	1778	rBV3	49611	77692	3.65%	0.240%
64	12.598	1783	1787	1791	rBV	2119164	2131435	100.00%	6.590%
65	12.692	1800	1803	1809	rBV4	115731	128317	6.02%	0.397%
66	12.745	1809	1812	1816	rVB2	76586	85712	4.02%	0.265%
67	12.833	1820	1827	1832	rBV	1872197	2129746	99.92%	6.585%
68	12.880	1832	1835	1839	rVB2	75588	96218	4.51%	0.298%
69	12.969	1843	1850	1857	rVB	1768730	1829984	85.86%	5.658%
70	13.045	1859	1863	1867	rBV2	102270	167941	7.88%	0.519%
71	13.133	1875	1878	1879	rBV2	91388	92355	4.33%	0.286%
72	13.157	1879	1882	1885	rVB	309729	298840	14.02%	0.924%
73	13.198	1887	1889	1891	rBV3	34806	37203	1.75%	0.115%
74	13.227	1891	1894	1896	rBV	271315	242378	11.37%	0.749%
75	13.263	1896	1900	1903	rBV2	146283	142697	6.69%	0.441%
76	13.357	1913	1916	1919	rBV	80182	72327	3.39%	0.224%

LSC Area Percent Report

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Sample : 03591-01
Misc :
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Instrument :
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ClientSampleId :
NB-8-071223

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-BF062623.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.386	1919	1921	1924	rBV	88586	78003	3.66%	0.241%
78	13.645	1962	1965	1968	rBV3	56870	82821	3.89%	0.256%
79	13.780	1986	1988	1991	rBV	100515	92409	4.34%	0.286%
80	13.810	1991	1993	1995	rVB	117587	78918	3.70%	0.244%
81	13.833	1995	1997	1999	rBV	110746	96369	4.52%	0.298%
82	14.033	2024	2031	2034	rBV2	942691	1521026	71.36%	4.703%
83	14.063	2034	2036	2044	rVB	777814	685164	32.15%	2.118%
84	14.145	2047	2050	2053	rVB	160987	137519	6.45%	0.425%
85	14.192	2054	2058	2063	rBV4	85287	123098	5.78%	0.381%
86	14.386	2089	2091	2093	rBV2	46942	37395	1.75%	0.116%
87	14.427	2093	2098	2101	rVV	119511	143226	6.72%	0.443%
88	14.463	2101	2104	2107	rVB	59311	58778	2.76%	0.182%
89	14.504	2108	2111	2113	rBV3	76857	92678	4.35%	0.287%
90	14.551	2117	2119	2121	rVV	107175	101634	4.77%	0.314%
91	14.574	2121	2123	2126	rVB	116294	94711	4.44%	0.293%
92	14.821	2162	2165	2167	rBV3	59327	66569	3.12%	0.206%
93	15.098	2208	2212	2216	rBV	530320	876330	41.11%	2.710%
94	15.210	2228	2231	2234	rBV	114738	119162	5.59%	0.368%
95	15.416	2262	2266	2272	rVB	317168	420095	19.71%	1.299%
96	15.480	2272	2277	2284	rBV	516416	654709	30.72%	2.024%
97	15.545	2284	2288	2291	rBV	334151	435984	20.45%	1.348%
98	16.715	2483	2487	2493	rVB9	52857	100824	4.73%	0.312%
99	17.092	2545	2551	2559	rVB2	180107	361167	16.94%	1.117%
100	17.562	2625	2631	2639	rVB	132562	259232	12.16%	0.802%

Sum of corrected areas: 32342179

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
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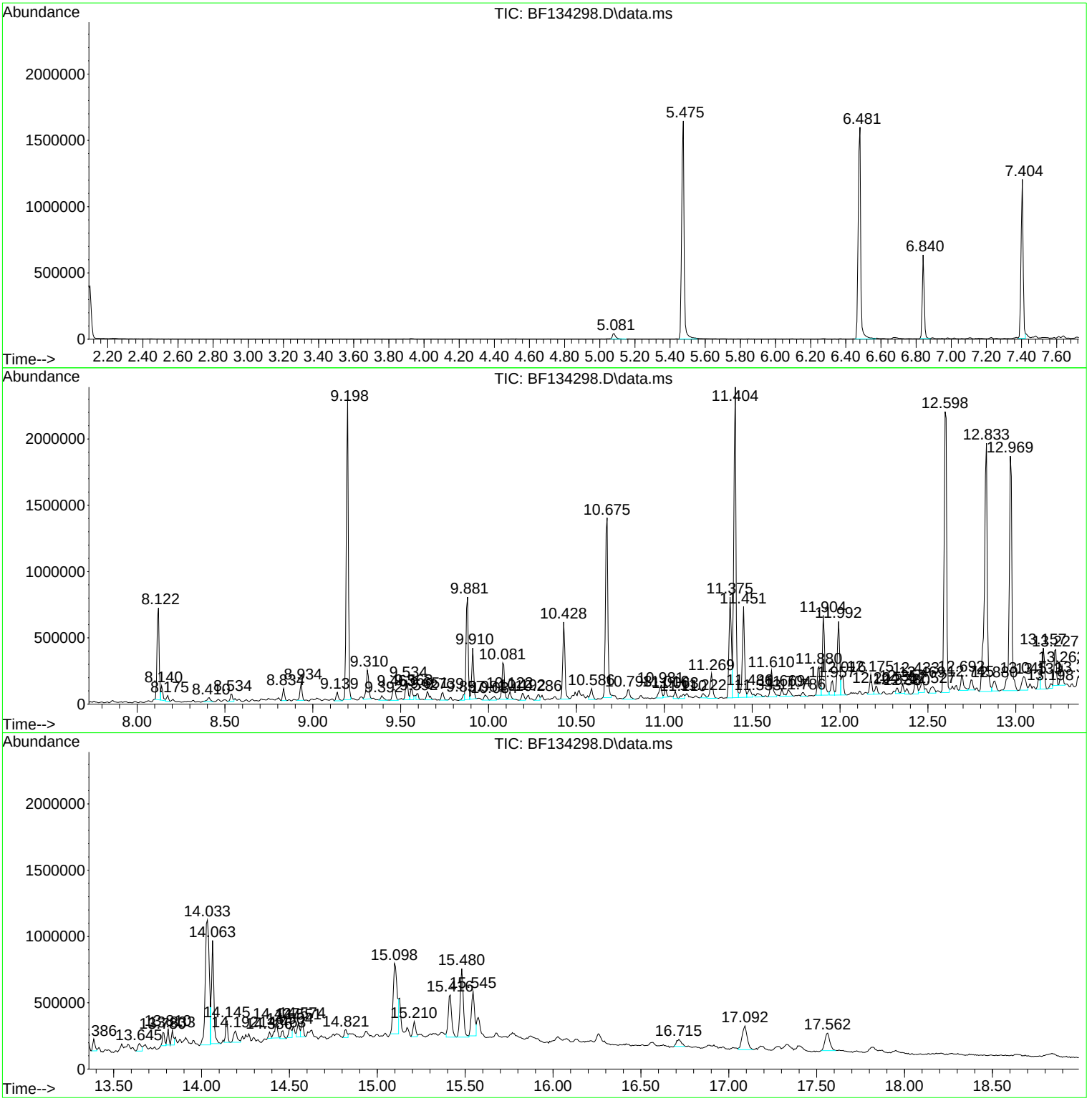
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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\BF071423\
Data File : BF134298.D
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Instrument :
BNA_F
ClientSampleId :
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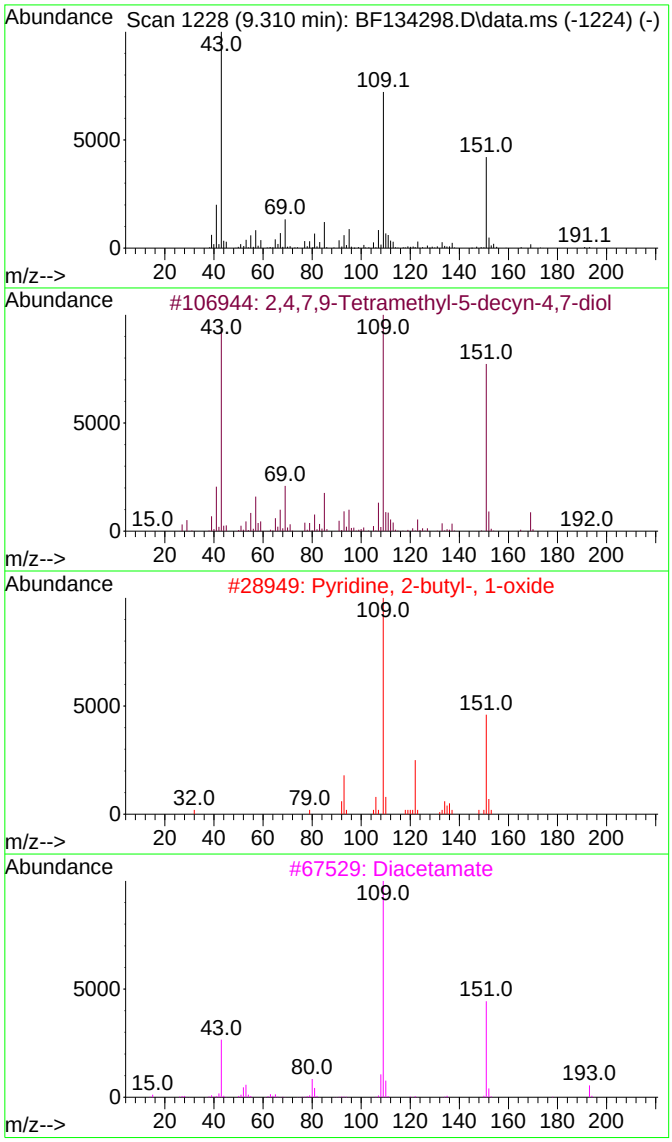
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

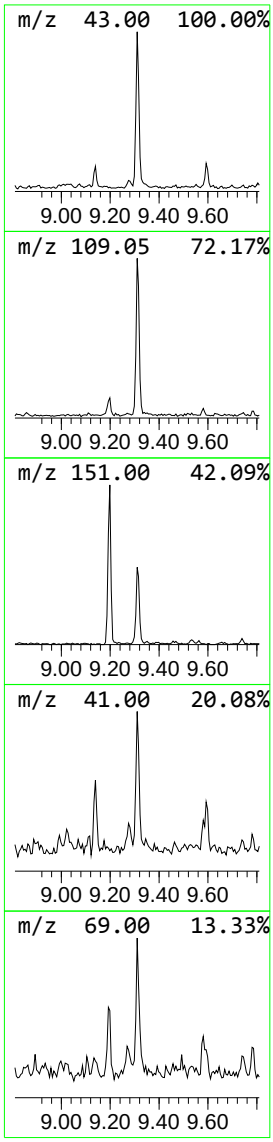
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.310	6.62 ng	216494	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Diacetamate	193	C10H11NO3	002623-33-8	53
4	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134298.D
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Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

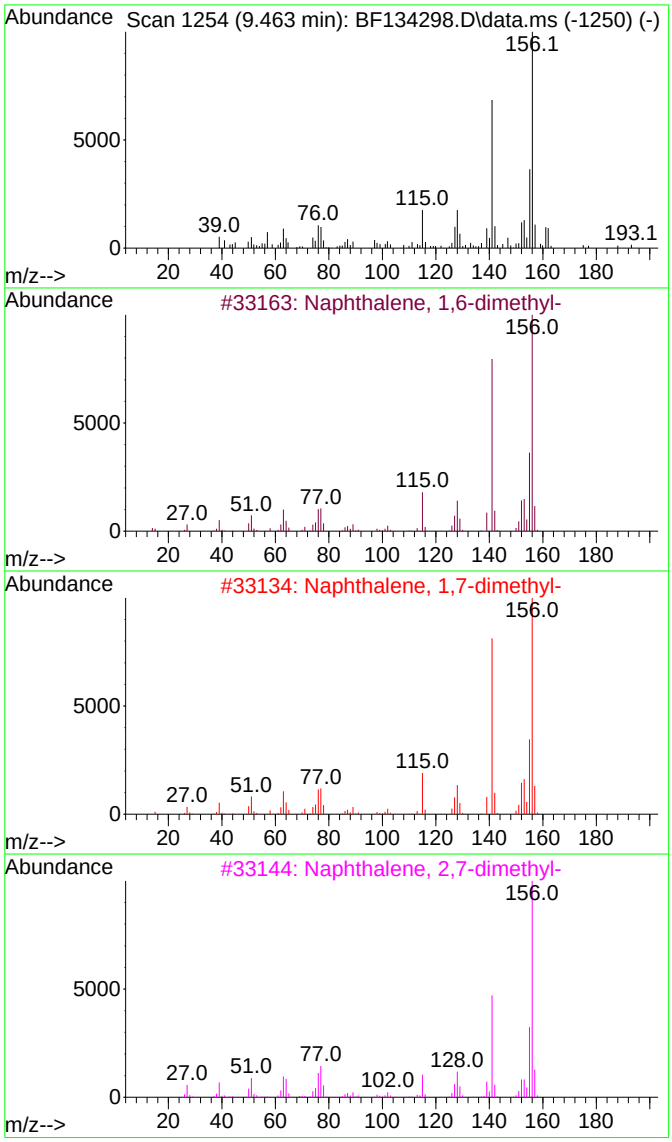
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

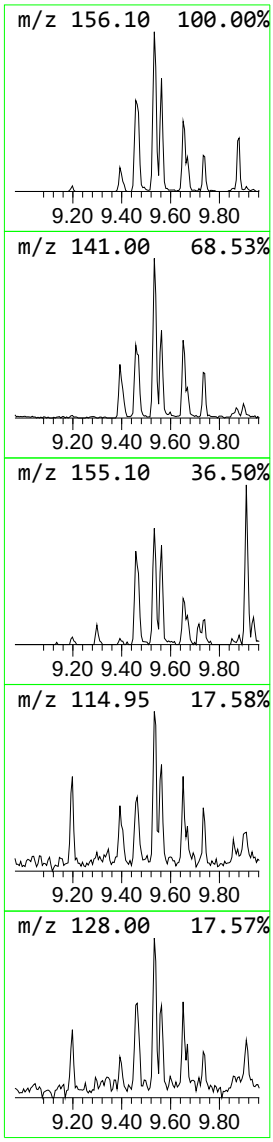
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.463	3.50 ng	114389	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

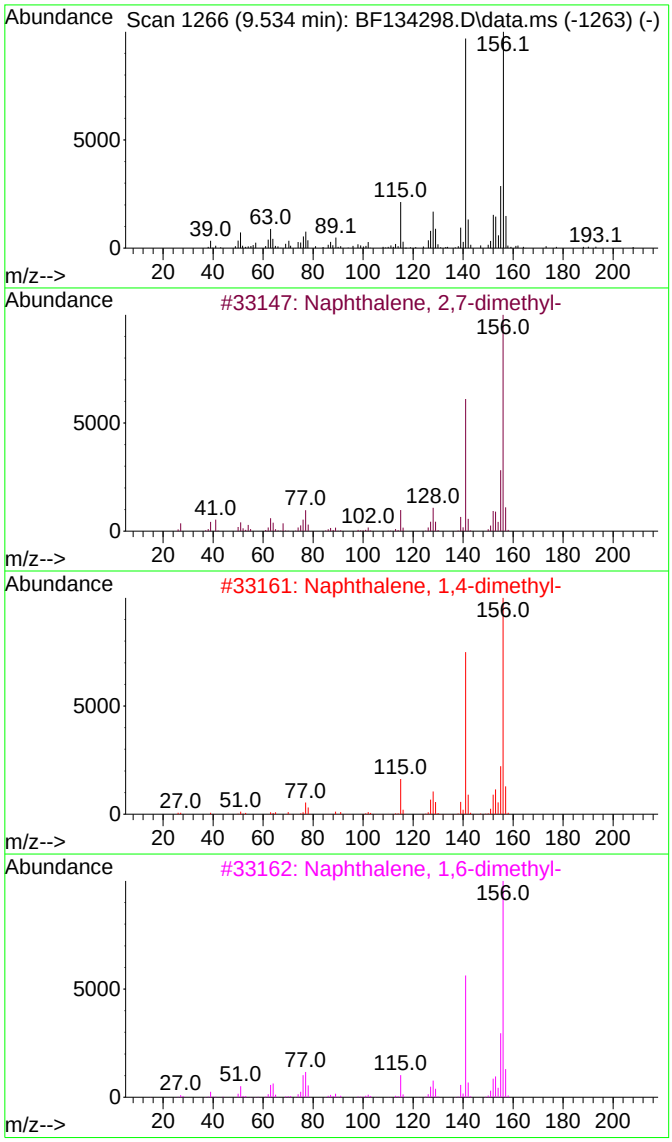
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

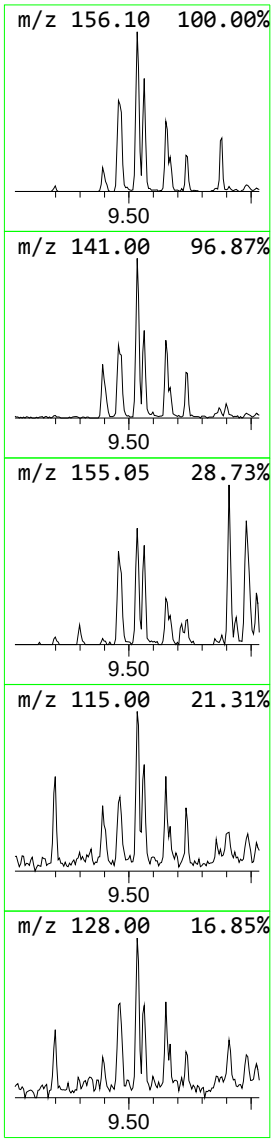
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	4.35 ng	142387	Acenaphthene-d10	9.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

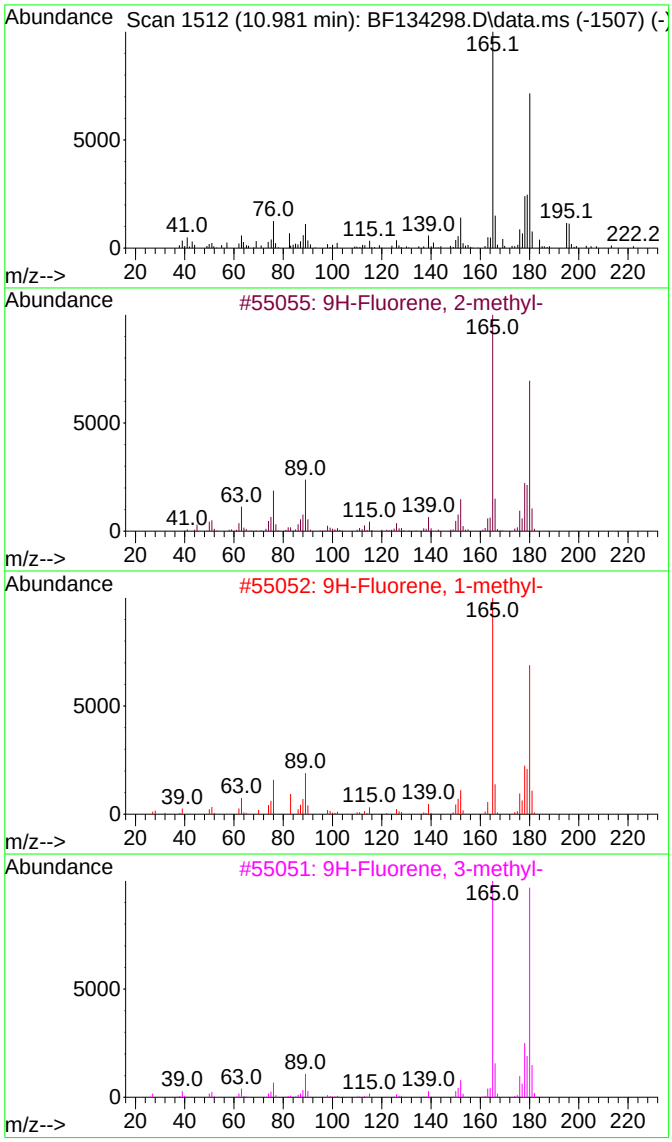
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

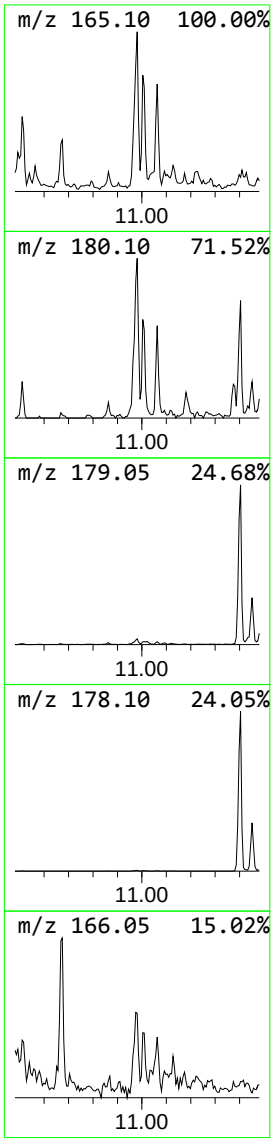
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.980	2.92 ng	103422	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	83
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134298.D
Acq On : 14 Jul 2023 19:37
Operator : CG\JU
Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

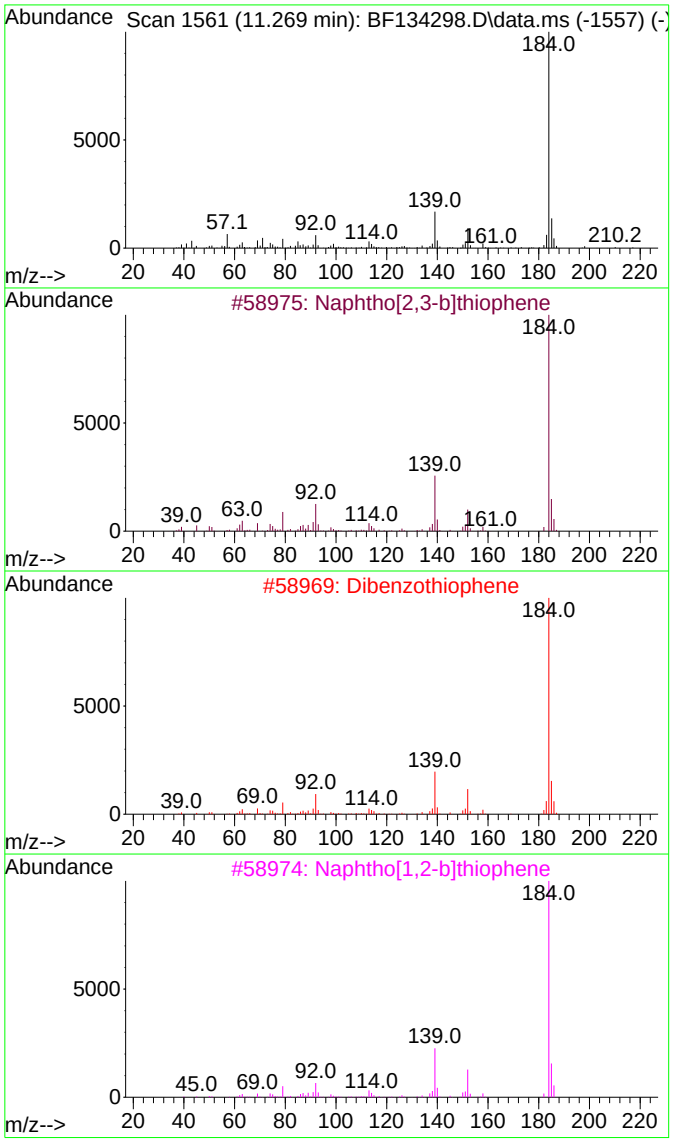
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

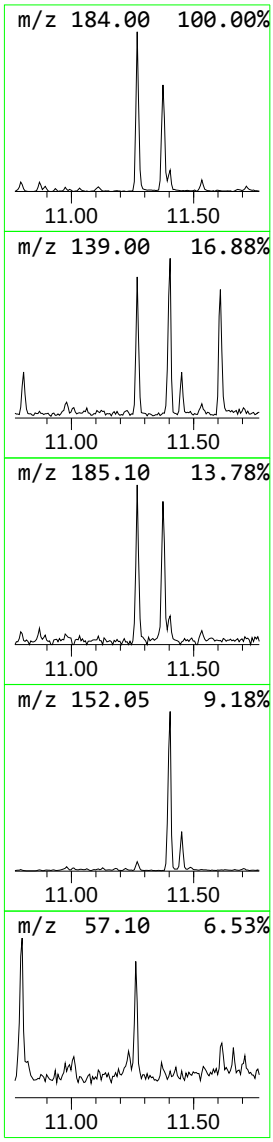
****

Peak Number 5 Naphtho[2,3-b]thiophene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.269	5.19 ng	183983	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 14 Jul 2023 19:37
Operator : CG\JU
Sample : 03591-01
Misc :
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ClientSampleId :
NB-8-071223

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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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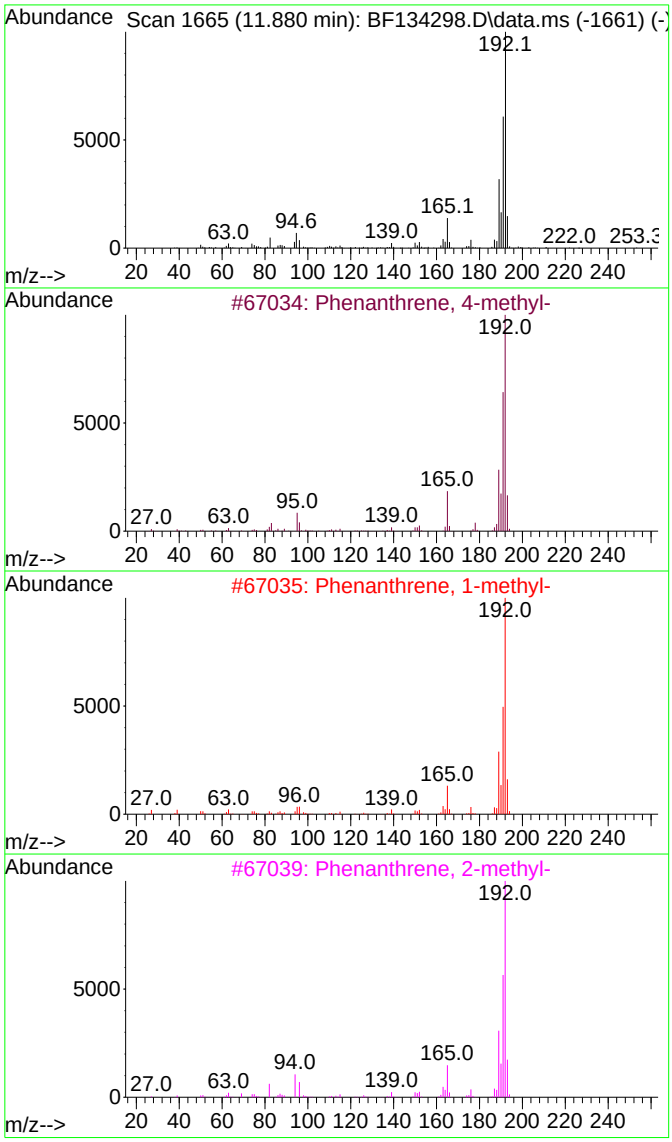
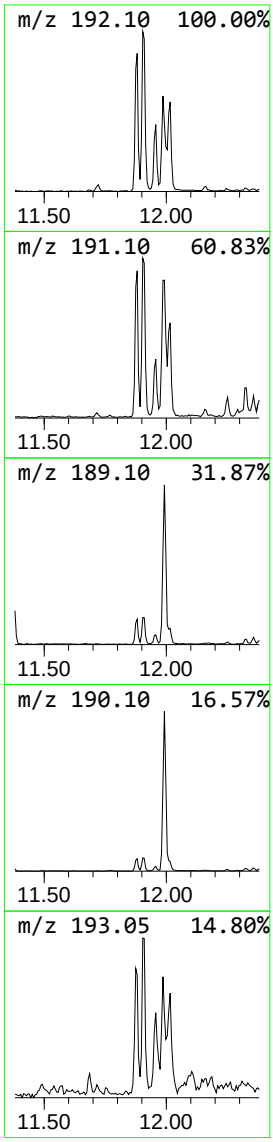
Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	6.13 ng	217275	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	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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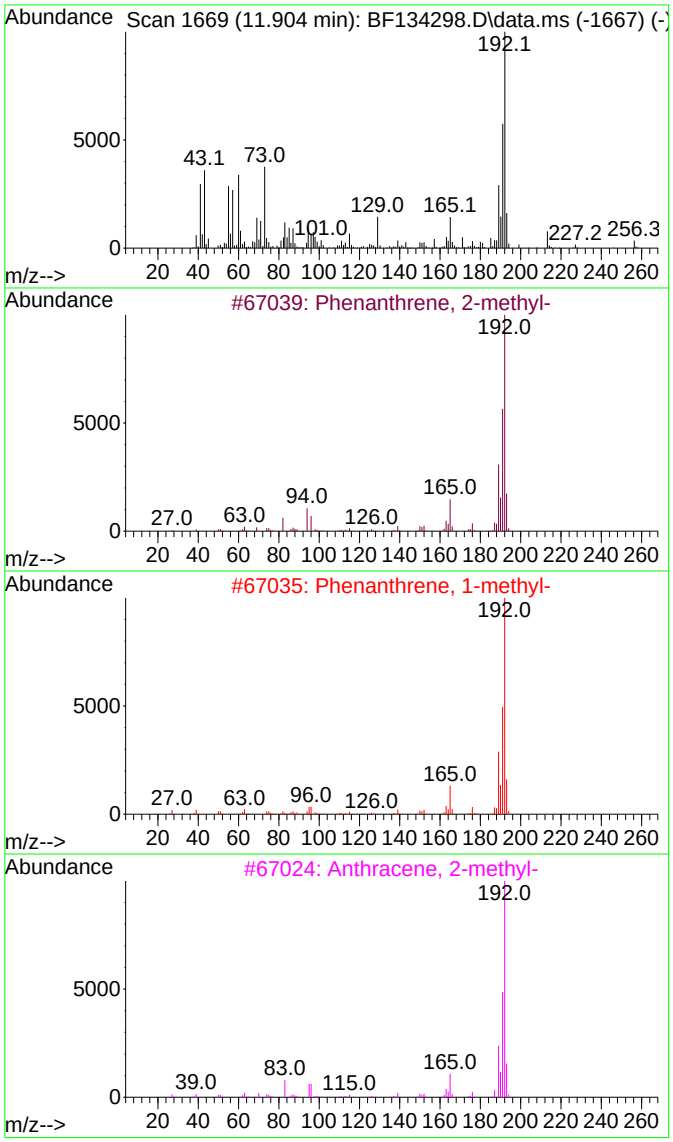
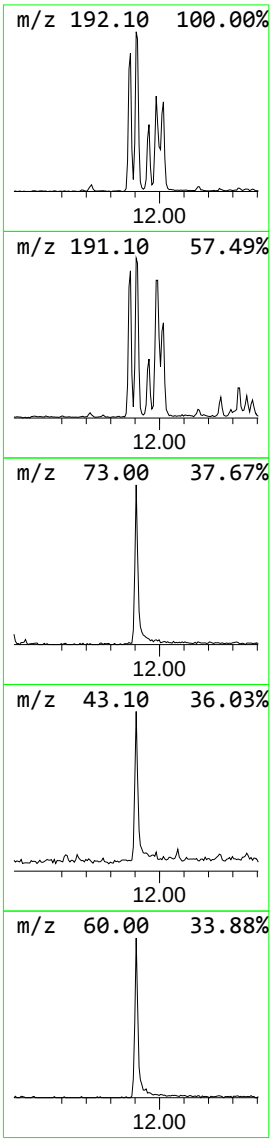
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	15.45 ng	547789	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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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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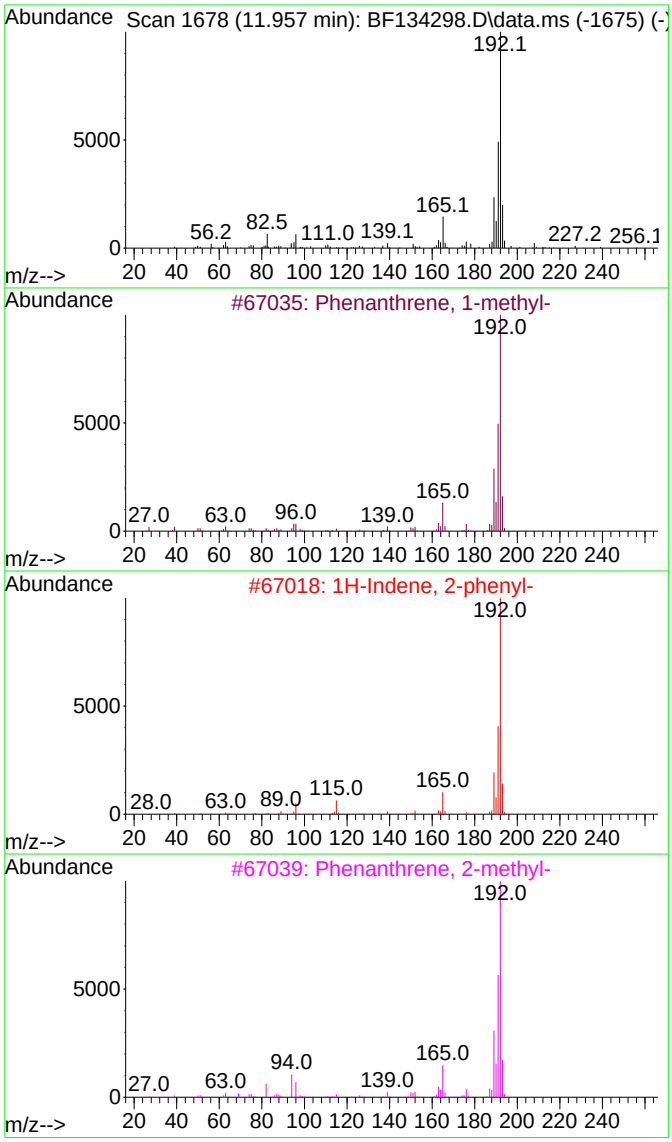
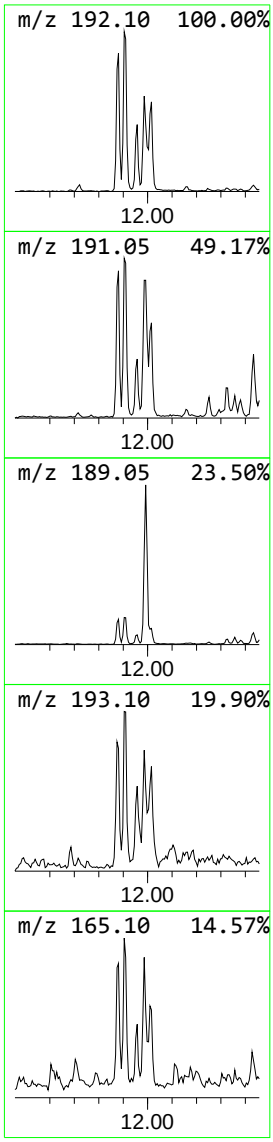
Peak Number 8 Phenanthrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.957	3.08 ng	109287	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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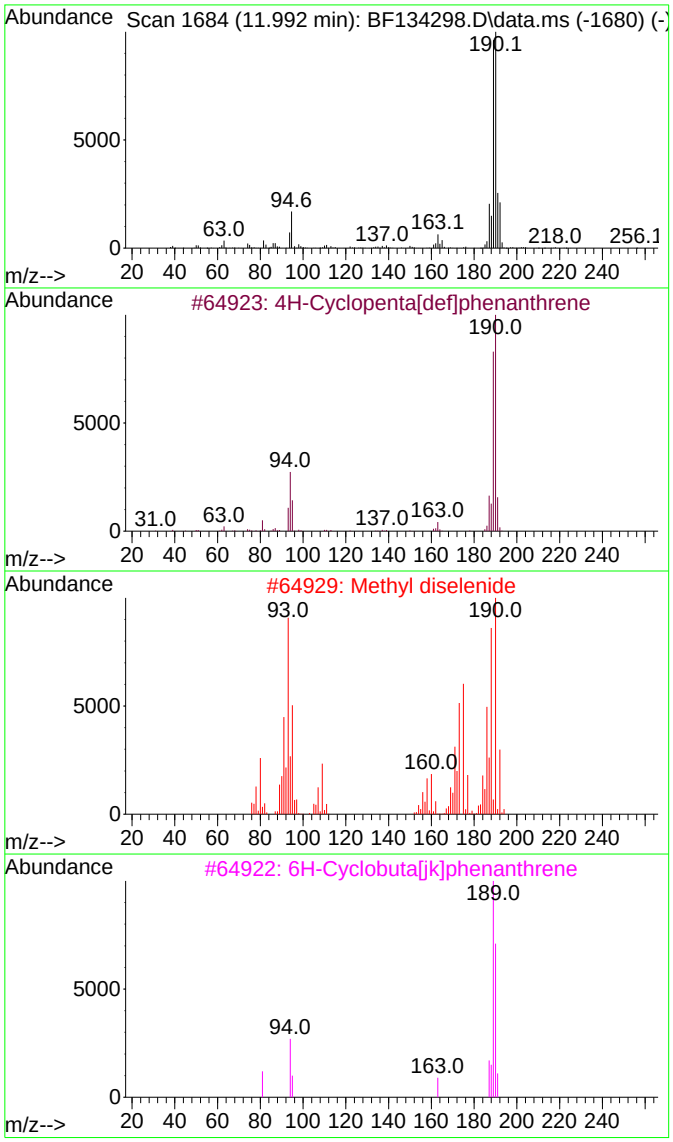
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

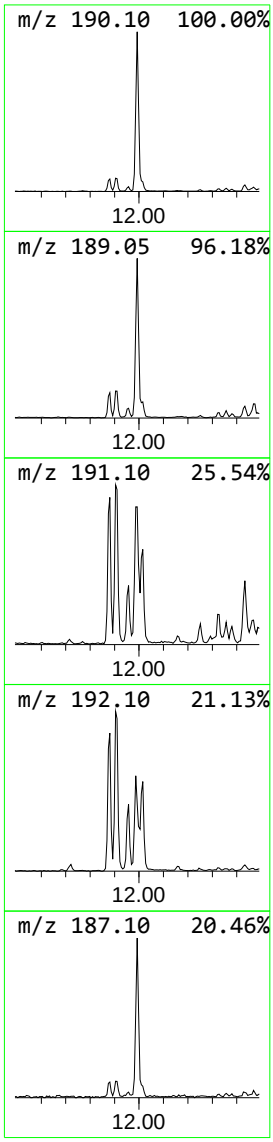
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.992	15.23 ng	539991	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2-Naphthaldehyde, 1,2,3,4-tetrah...	190	C12H14O2	002472-02-8	18





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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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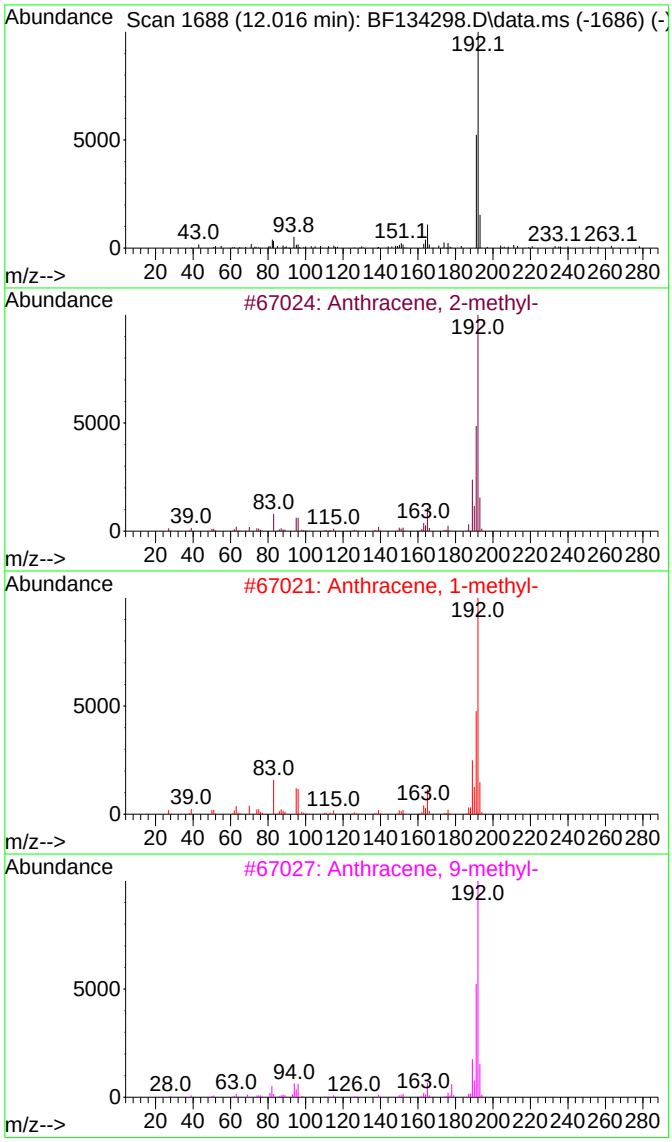
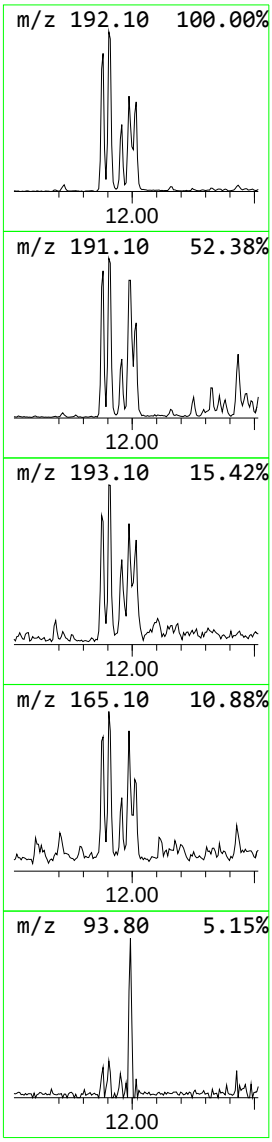
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.45 ng	122464	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	86





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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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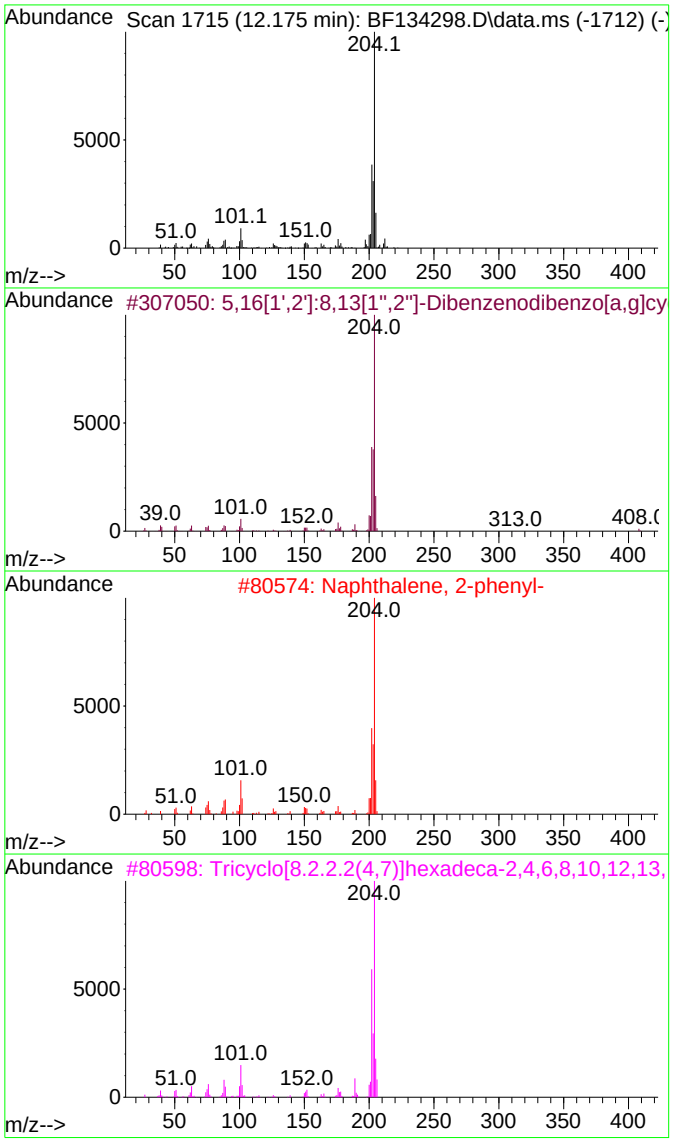
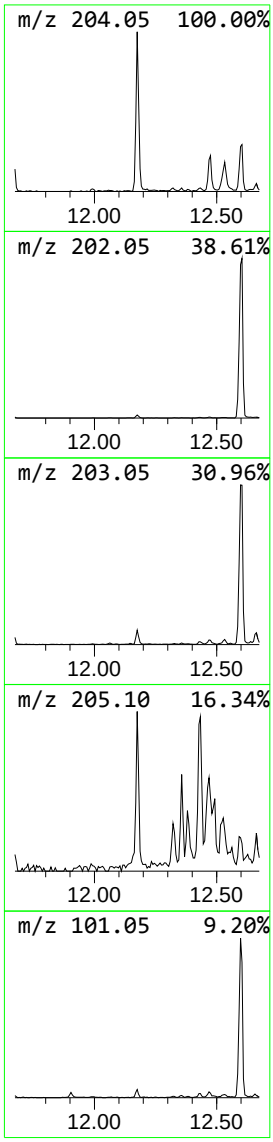
Peak Number 11 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	3.71 ng	131383	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49





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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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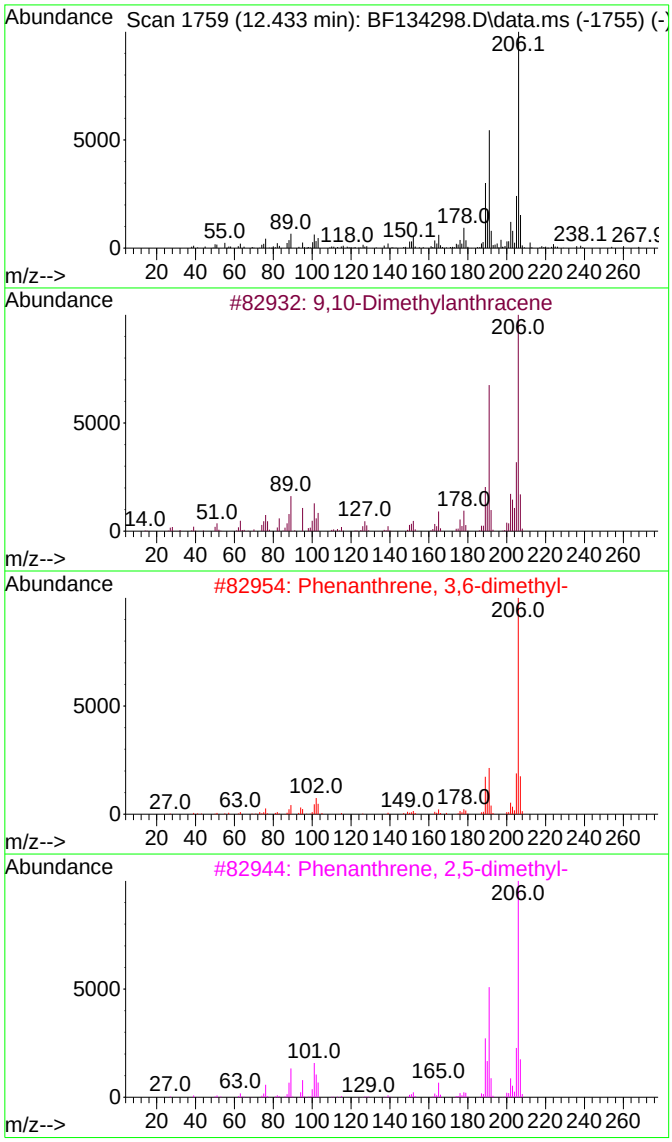
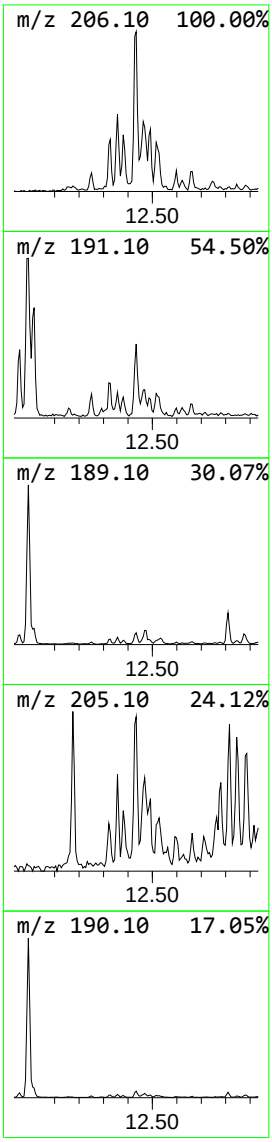
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.433	4.01 ng	142162	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83





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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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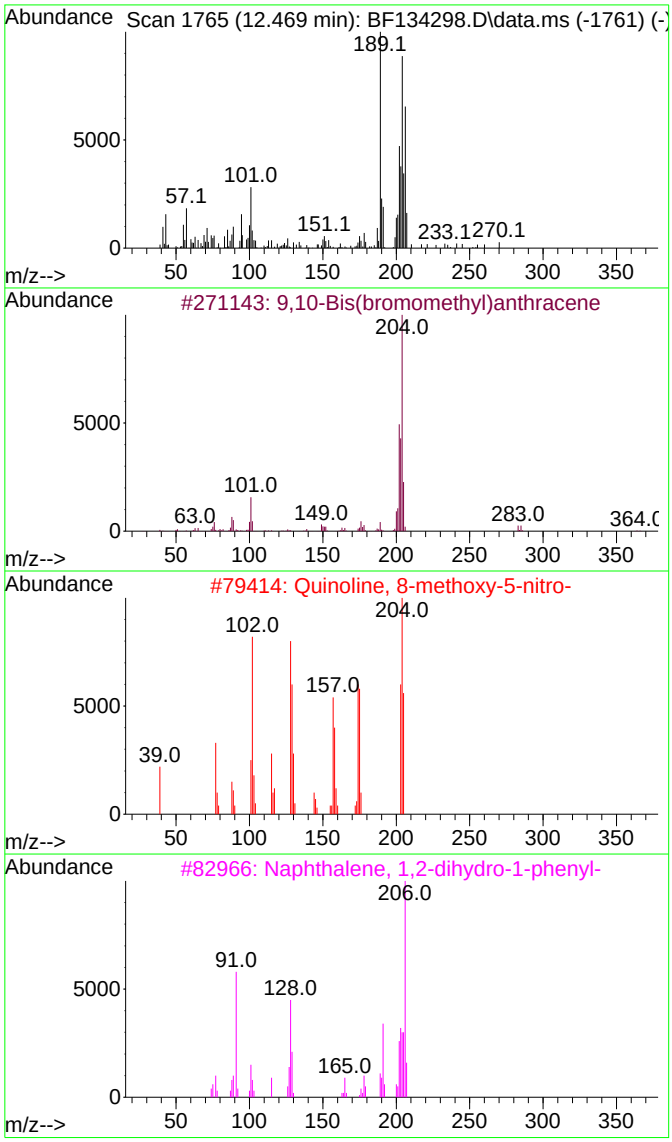
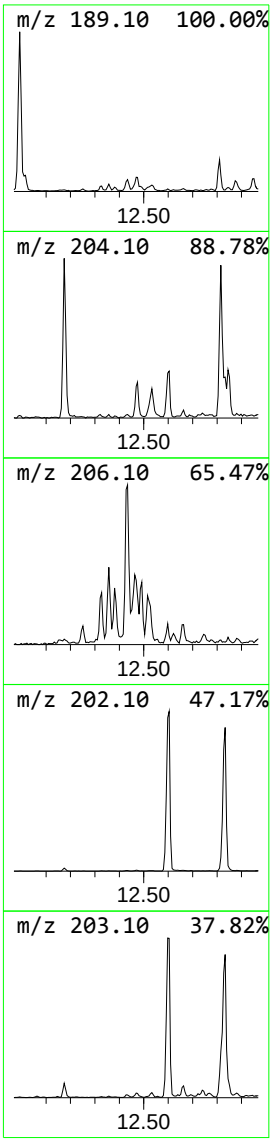
Peak Number 13 unknown12.469 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.469	3.13 ng	110887	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35
2	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	30
3	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	25
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	25
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25





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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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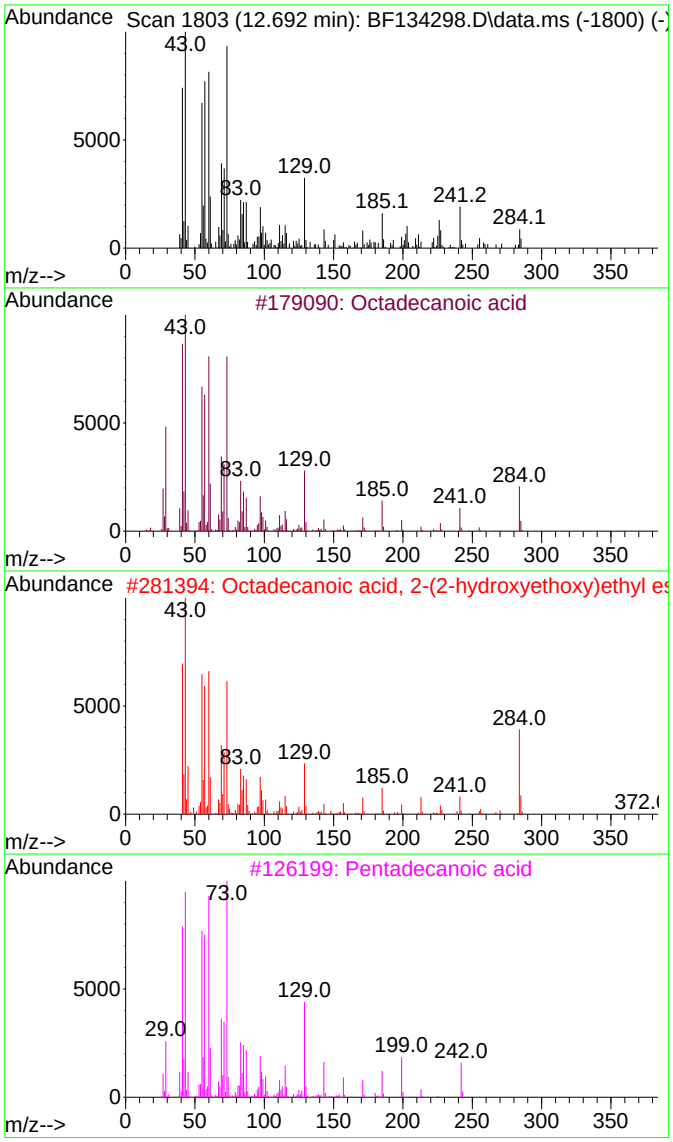
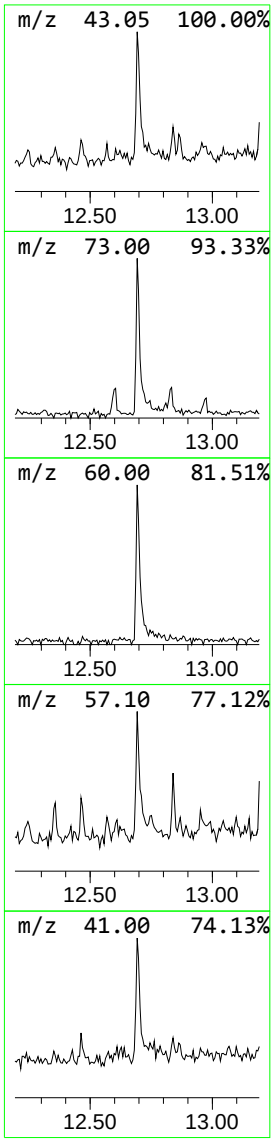
Peak Number 14 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.692	3.62 ng	128317	Phenanthrene-d10	11.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	59





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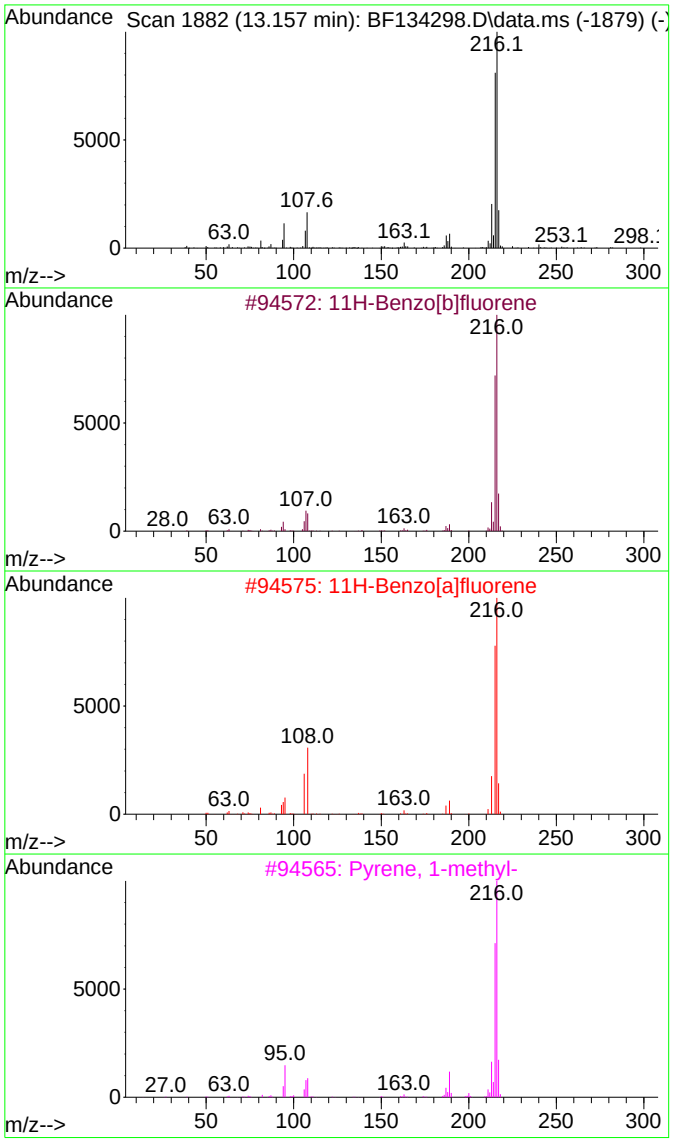
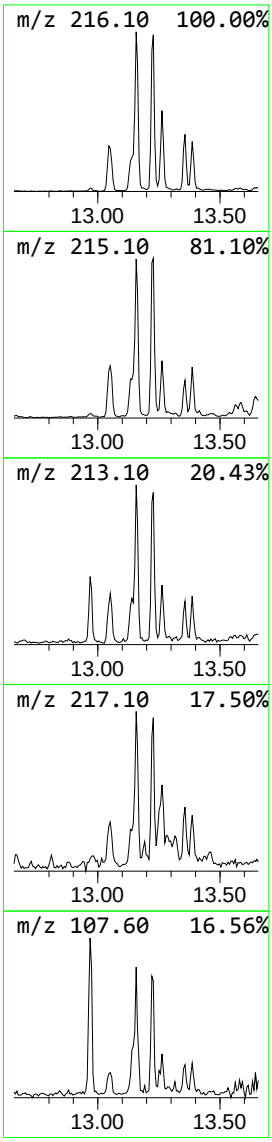
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	3.93 ng	298840	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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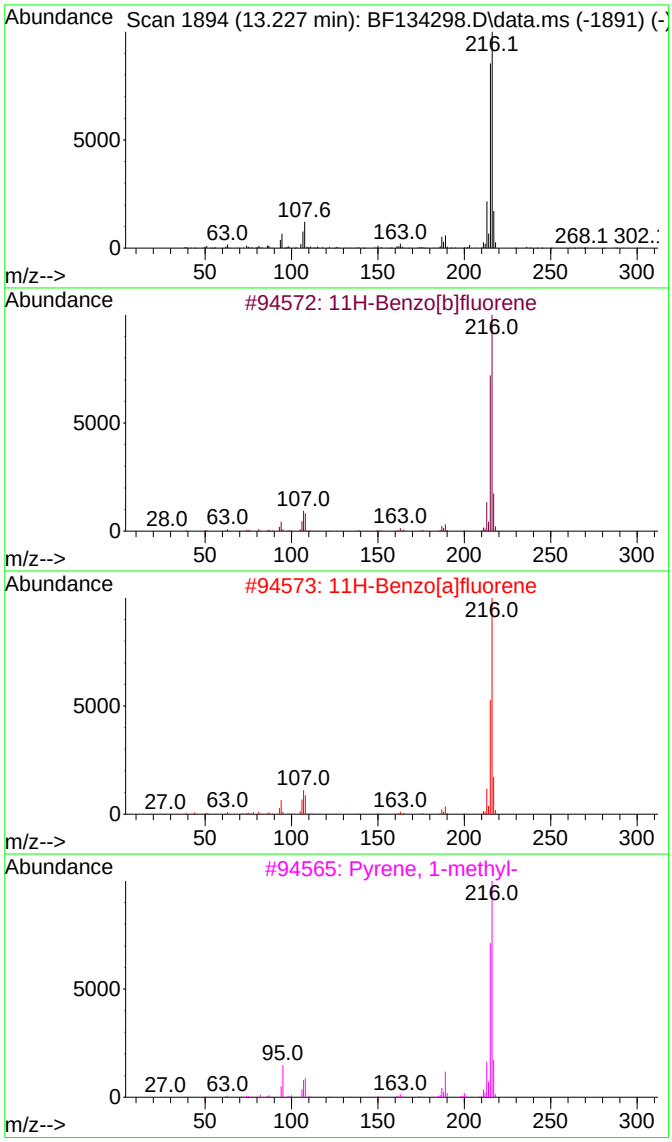
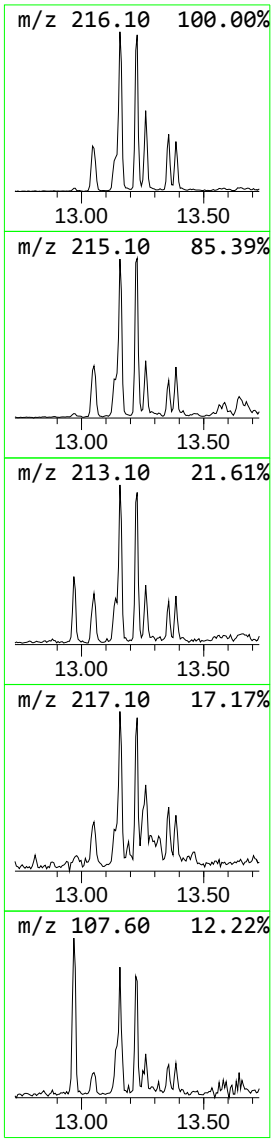
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	3.19 ng	242378	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	70
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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Operator : CG\JU
Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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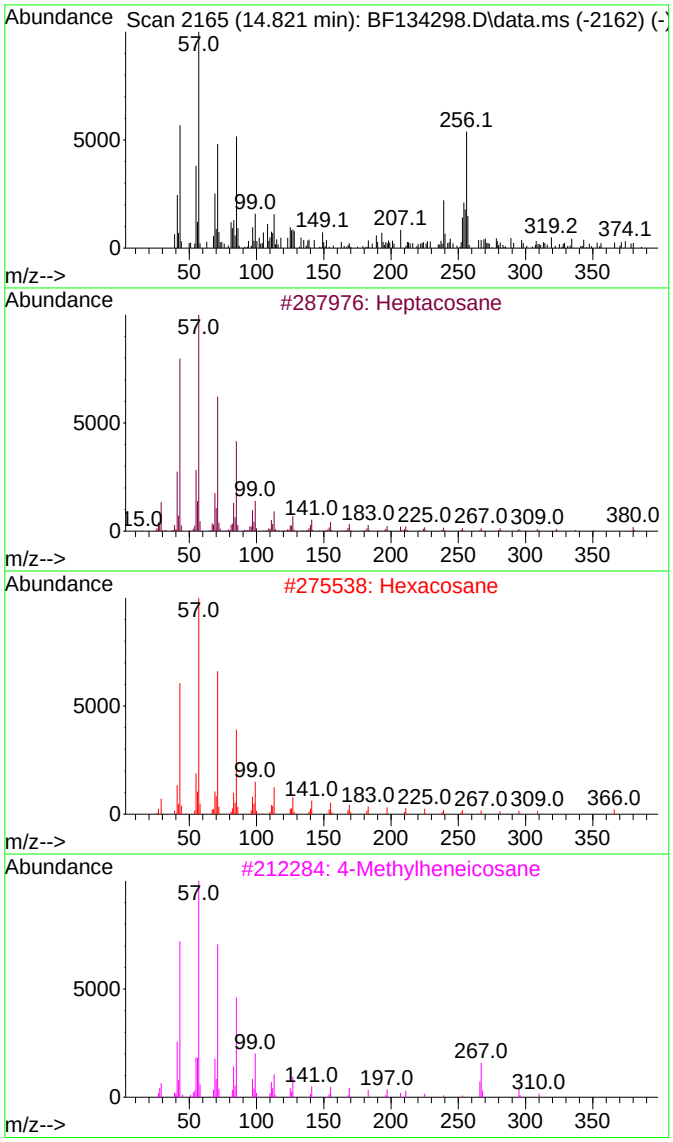
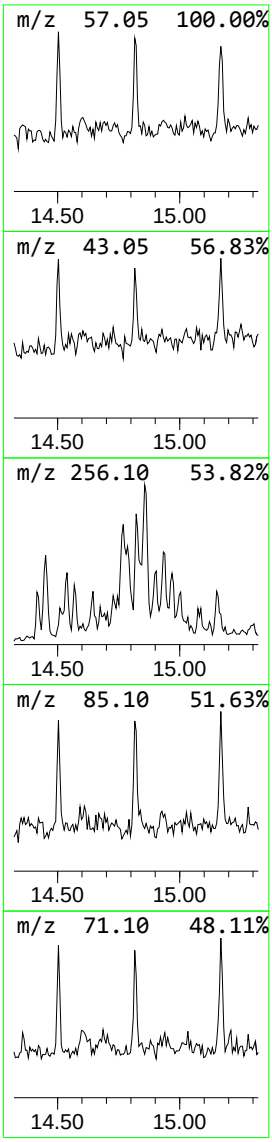
Peak Number 17 Heptacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.822	3.05 ng	66569	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	70
2	Hexacosane	366	C26H54	000630-01-3	44
3	4-Methylheneicosane	310	C22H46	025117-29-7	41
4	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	38
5	Docosane	310	C22H46	000629-97-0	35





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Data File : BF134298.D
Acq On : 14 Jul 2023 19:37
Operator : CG\JU
Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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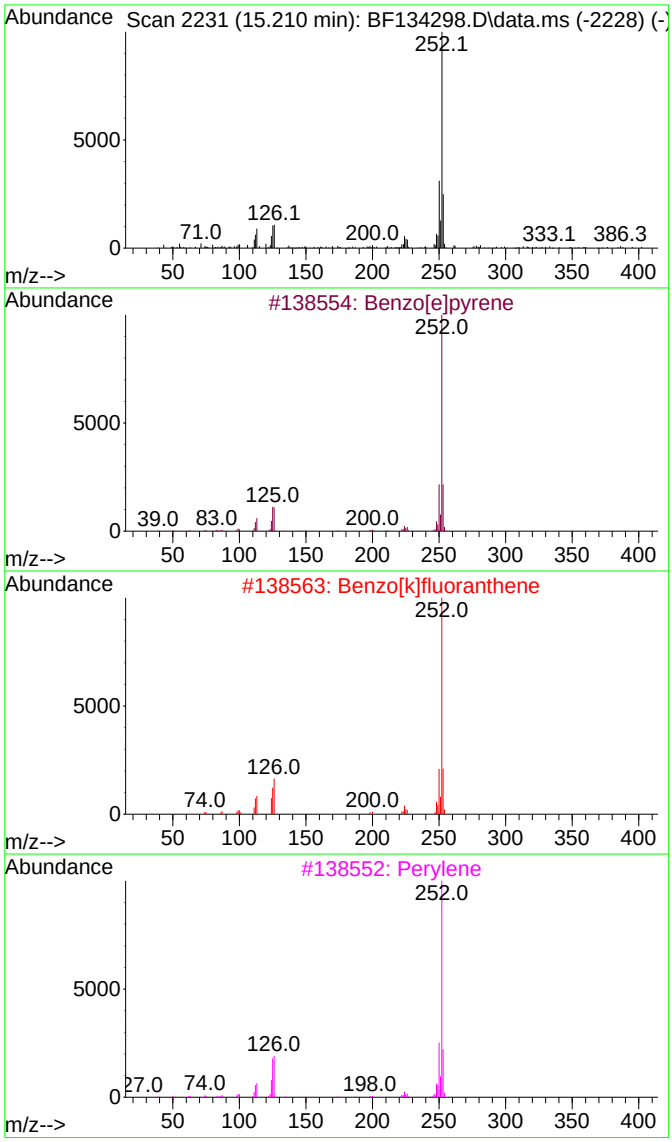
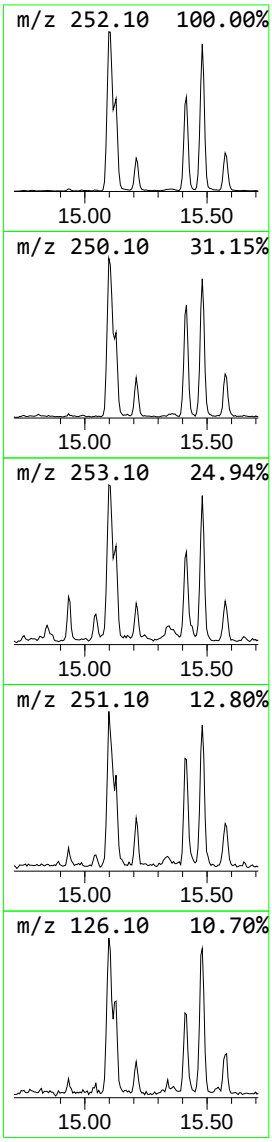
Peak Number 18 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	5.47 ng	119162	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
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	92





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Data File : BF134298.D
Acq On : 14 Jul 2023 19:37
Operator : CG\JU
Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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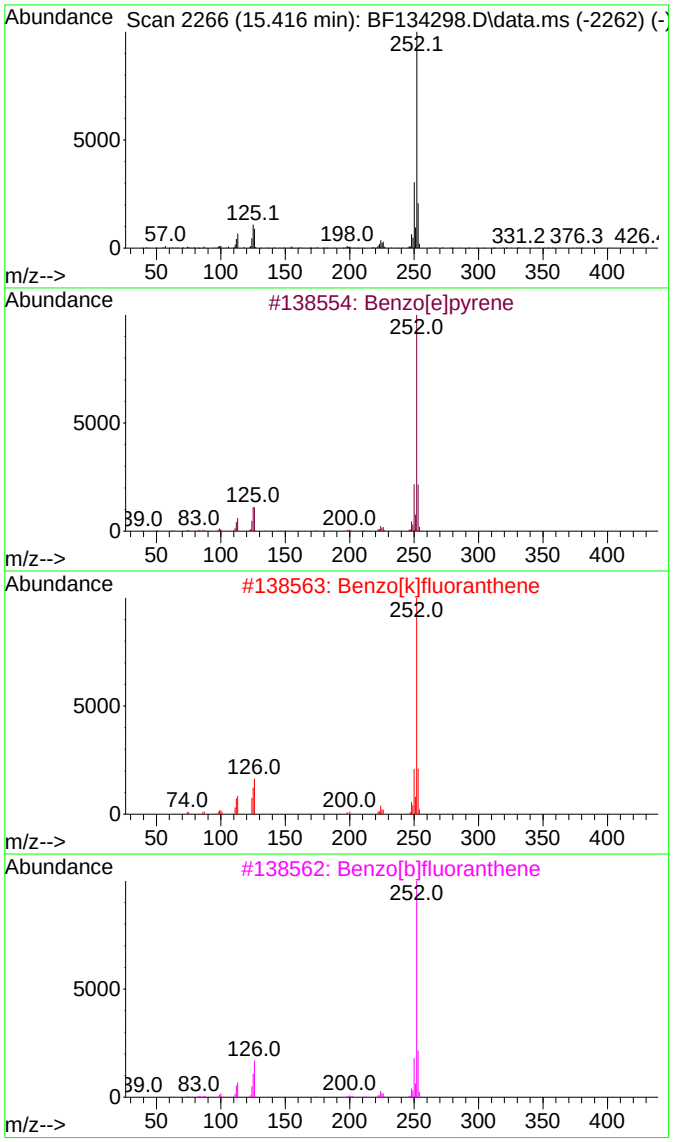
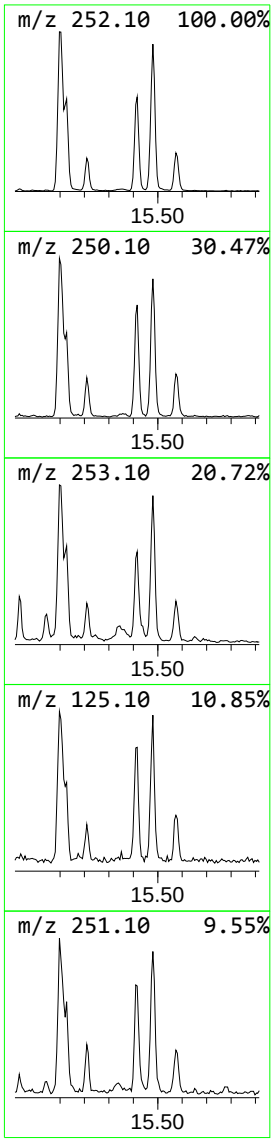
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.416	19.27 ng	420095	Perylene-d12	15.545

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	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134298.D
Acq On : 14 Jul 2023 19:37
Operator : CG\JU
Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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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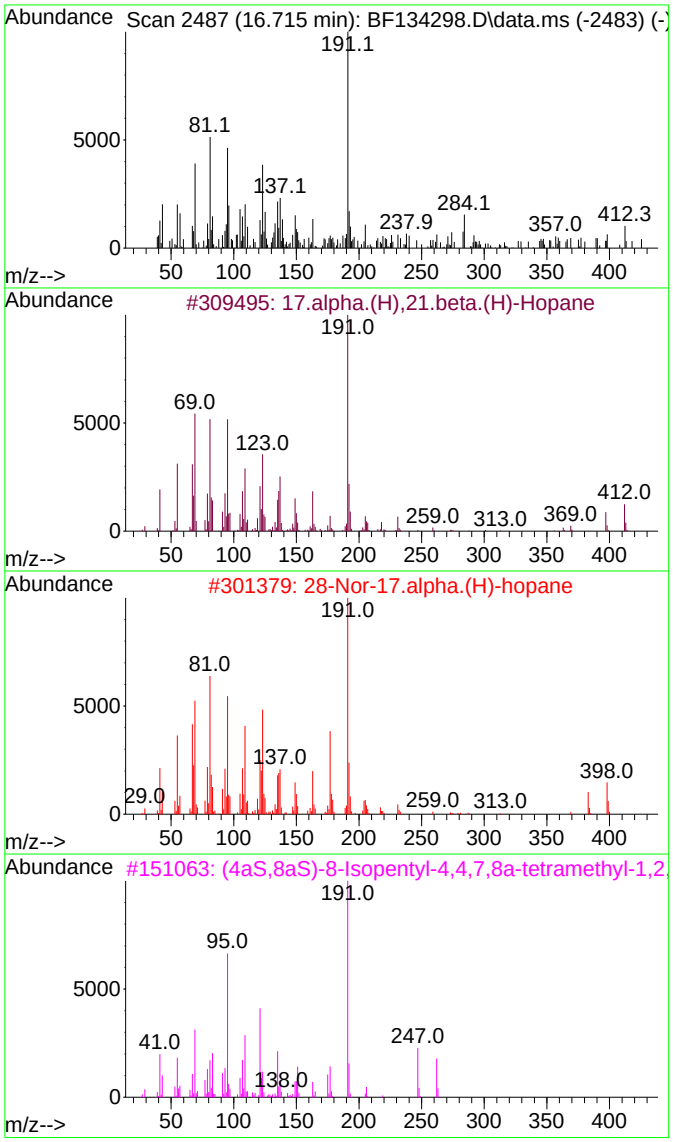
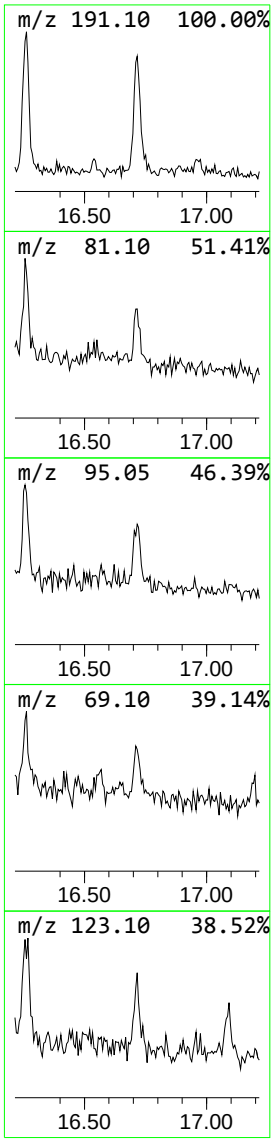
Peak Number 20 17.alpha.(H),21.beta.(H)-Ho... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.715	4.63 ng	100824	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17.alpha.(H),21.beta.(H)-Hopane	412	C30H52	013849-96-2	87
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	64
3	(4aS,8aS)-8-Isopentyl-4,4,7,8a-t...	262	C19H34	220766-79-0	52
4	benzene, 1,1'-(3-chloro-1-cyclop...	226	C15H11Cl	1000396-33-3	49
5	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071423\
Data File : BF134298.D
Acq On : 14 Jul 2023 19:37
Operator : CG\JU
Sample : 03591-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-8-071223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.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
2,4,7,9-Tetrame...	9.310	6.6	ng	216494	3	9.881	654205	20.0
Naphthalene, 1,...	9.463	3.5	ng	114389	3	9.881	654205	20.0
Naphthalene, 2,...	9.534	4.3	ng	142387	3	9.881	654205	20.0
9H-Fluorene, 2-...	10.980	2.9	ng	103422	4	11.375	709075	20.0
Naphtho[2,3-b]t...	11.269	5.2	ng	183983	4	11.375	709075	20.0
Phenanthrene, 4...	11.881	6.1	ng	217275	4	11.375	709075	20.0
Phenanthrene, 2...	11.904	15.4	ng	547789	4	11.375	709075	20.0
Phenanthrene, 1...	11.957	3.1	ng	109287	4	11.375	709075	20.0
4H-Cyclopenta[d...	11.992	15.2	ng	539991	4	11.375	709075	20.0
Anthracene, 2-m...	12.016	3.5	ng	122464	4	11.375	709075	20.0
5,16[1',2']:8,1...	12.175	3.7	ng	131383	4	11.375	709075	20.0
9,10-Dimethylan...	12.433	4.0	ng	142162	4	11.375	709075	20.0
unknown12.469	12.469	3.1	ng	110887	4	11.375	709075	20.0
Octadecanoic acid	12.692	3.6	ng	128317	4	11.375	709075	20.0
11H-Benzo[b]flu...	13.157	3.9	ng	298840	5	14.039	1521030	20.0
11H-Benzo[a]flu...	13.227	3.2	ng	242378	5	14.039	1521030	20.0
Heptacosane	14.822	3.0	ng	66569	6	15.545	435984	20.0
Benzo[e]pyrene	15.210	5.5	ng	119162	6	15.545	435984	20.0
Perylene	15.416	19.3	ng	420095	6	15.545	435984	20.0
17.alpha.(H),21...	16.715	4.6	ng	100824	6	15.545	435984	20.0