LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134598.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.416	561	566	569	rBV	3052929	2786819	15.46%	1.194%
2	6.422	732	737	740	rBV	2971117	2833088	15.72%	1.214%
3	6.792	797	800	804	rBV	1242149	1049215	5.82%	0.450%
4	7.351	887	895	898	rBV	2002234	1770586	9.82%	0.759%
5	8.075	1013	1018	1020	rBV	1457142	1418721	7.87%	0.608%
6	8.786	1133	1139	1142	rVB	2011836	1622786	9.00%	0.695%
7	8.886	1151	1156	1159	rVB	2740327	2264599	12.57%	0.970%
8	9.151	1197	1201	1204	rVB	3502331	2788634	15.47%	1.195%
9	9.345	1231	1234	1239	rVB	1308746	1301631	7.22%	0.558%
10	9.416	1239	1246	1250	rBV	2132312	2919031	16.20%	1.251%
11	9.492	1254	1259	1261	rVV	3006453	3350221	18.59%	1.435%
12	9.516	1261	1263	1266	rVV	2552229	1868456	10.37%	0.800%
13	9.604	1275	1278	1283	rVV	1969322	2053819	11.40%	0.880%
14	9.686	1290	1292	1296	rVB	1494644	1125532	6.25%	0.482%
15	9.827	1310	1316	1318	rVV2	1495497	1752652	9.73%	0.751%
16	9.863	1318	1322	1325	rVV	3847081	3387145	18.80%	1.451%
17	9.933	1330	1334	1338	rBV	1021386	1318141	7.31%	0.565%
18	9.986	1338	1343	1345	rVV2	670638	856400	4.75%	0.367%
19	10.027	1345	1350	1354	rVV	1658458	1800234	9.99%	0.771%
20	10.069	1354	1357	1360	rVV	1008819	933738	5.18%	0.400%
21	10.145	1366	1370	1373	rBV	867337	833612	4.63%	0.357%
22	10.174	1373	1375	1377	rVB	953375	653032	3.62%	0.280%
23	10.233	1381	1385	1387	rBV	753571	975831	5.41%	0.418%
24	10.251	1387	1388	1395	rVV4	477531	626722	3.48%	0.269%
25	10.374	1406	1409	1415	rVV3	2457861	2624324	14.56%	1.124%
26	10.427	1415	1418	1419	rVV2	688873	635961	3.53%	0.272%
27	10.445	1419	1421	1422	rVV	996736	811843	4.50%	0.348%
28	10.463	1422	1424	1426	rVV2	1155970	955070	5.30%	0.409%
29	10.492	1426	1429	1430	rVV	712608	652055	3.62%	0.279%
30	10.510	1430	1432	1434	rVV	693655	637550	3.54%	0.273%
31	10.533	1434	1436	1441	rVB	1089728	1078166	5.98%	0.462%
32	10.616	1446	1450	1454	rVB	1804292	1808269	10.03%	0.775%
33	10.663	1454	1458	1462	rVB4	373300	570043	3.16%	0.244%
34	10.745	1469	1472	1479	rVB2	753806	851179	4.72%	0.365%
35	10.927	1497	1503	1505	rBV3	737500	1267060	7.03%	0.543%
36	10.951	1505	1507	1510	rVB2	714504	587801	3.26%	0.252%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.074	1526	1528	1531	rVV2	666816	726179	4.03%	0.311%
38	11.127	1533	1537	1542	rVV	3536123	3940326	21.86%	1.688%
39	11.216	1547	1552	1559	rVB	3592603	3930571	21.81%	1.684%
40	11.374	1566	1579	1581	rBV2	7627381	18021495	100.00%	7.721%
41	11.404	1581	1584	1587	rVV	4382740	3941863	21.87%	1.689%
42	11.498	1598	1600	1604	rVB	1134317	928297	5.15%	0.398%
43	11.551	1604	1609	1611	rBV	518479	567965	3.15%	0.243%
44	11.621	1618	1621	1623	rBV2	1552303	1298072	7.20%	0.556%
45	11.651	1623	1626	1631	rVB2	2794456	2672484	14.83%	1.145%
46	11.733	1634	1640	1644	rVB2	1575779	2468809	13.70%	1.058%
47	11.780	1644	1648	1651	rBV2	1134914	1271017	7.05%	0.545%
48	11.833	1652	1657	1659	rBV	5025353	5775254	32.05%	2.474%
49	11.863	1659	1662	1664	rVB	5652098	5490606	30.47%	2.352%
50	11.904	1666	1669	1671	rBV	1341908	1048791	5.82%	0.449%
51	11.939	1671	1675	1678	rBV	5201625	6532703	36.25%	2.799%
52	11.968	1678	1680	1683	rVB	4850986	3666942	20.35%	1.571%
53	12.010	1683	1687	1689	rBV3	580503	643492	3.57%	0.276%
54	12.127	1703	1707	1709	rBV	2771951	3465981	19.23%	1.485%
55	12.163	1709	1713	1716	rVB	4943051	5823887	32.32%	2.495%
56	12.198	1716	1719	1726	rVB3	779169	1099245	6.10%	0.471%
57	12.268	1729	1731	1734	rVB	1049217	880538	4.89%	0.377%
58	12.304	1734	1737	1739	rVB	852060	606449	3.37%	0.260%
59	12.327	1739	1741	1744	rVB	870039	716742	3.98%	0.307%
60	12.380	1745	1750	1752	rBV	2543077	2907204	16.13%	1.246%
61	12.410	1752	1755	1758	rBV2	956996	1148020	6.37%	0.492%
62	12.468	1762	1765	1770	rVB	3210564	3744530	20.78%	1.604%
63	12.551	1773	1779	1783	rVB	6834736	10524403	58.40%	4.509%
64	12.592	1783	1786	1787	rBV	765233	850264	4.72%	0.364%
65	12.686	1798	1802	1805	rBV3	2564875	2473173	13.72%	1.060%
66	12.792	1812	1820	1822	rBV2	7289385	13945059	77.38%	5.974%
67	12.815	1822	1824	1829	rVB2	779833	1079989	5.99%	0.463%
68	12.915	1837	1841	1847	rVB	3061576	3484645	19.34%	1.493%
69	12.992	1847	1854	1857	rBV2	2123646	3313167	18.38%	1.419%
70	13.074	1865	1868	1870	rBV2	1668368	2242631	12.44%	0.961%
71	13.163	1880	1883	1886	rVV3	906026	1044314	5.79%	0.447%
72	13.204	1886	1890	1892	rVV	2967193	2932394	16.27%	1.256%
73	13.227	1892	1894	1897	rVV2	540276	588422	3.27%	0.252%
74	13.292	1902	1905	1908	rVV	1978022	2021303	11.22%	0.866%
75	13.327	1908	1911	1914	rVV	2568420	2369352	13.15%	1.015%
76	13.504	1938	1941	1944	rVV2	550689	594916	3.30%	0.255%

LSC Area Percent Report

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Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

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-BF080123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.604	1954	1958	1961	rBV	2517539	2736427	15.18%	1.172%
78	13.715	1972	1977	1980	rBV2	2217241	2860931	15.88%	1.226%
79	13.745	1980	1982	1985	rVV	1879176	1914525	10.62%	0.820%
80	13.768	1985	1986	1989	rVV2	951085	680409	3.78%	0.292%
81	13.815	1989	1994	2001	rVB2	2194124	2852072	15.83%	1.222%
82	13.968	2014	2020	2022	rBV	4951499	7092024	39.35%	3.038%
83	14.004	2022	2026	2030	rVV	5197461	6622172	36.75%	2.837%
84	14.110	2040	2044	2045	rVV3	456292	620073	3.44%	0.266%
85	14.151	2049	2051	2055	rVB3	768074	700129	3.88%	0.300%
86	14.321	2077	2080	2082	rBV2	596760	617057	3.42%	0.264%
87	14.357	2082	2086	2089	rVV	1927621	2116767	11.75%	0.907%
88	14.392	2089	2092	2095	rVV	1385607	1306430	7.25%	0.560%
89	14.445	2095	2101	2105	rVV4	817370	1638862	9.09%	0.702%
90	14.480	2105	2107	2109	rVV	905763	861172	4.78%	0.369%
91	14.509	2109	2112	2114	rVV	665567	664931	3.69%	0.285%
92	14.768	2153	2156	2161	rVB2	495984	742217	4.12%	0.318%
93	14.827	2162	2166	2169	rBV2	430428	600251	3.33%	0.257%
94	15.015	2192	2198	2201	rBV2	2398162	4407130	24.45%	1.888%
95	15.115	2211	2215	2218	rVB2	531957	592317	3.29%	0.254%
96	15.309	2244	2248	2254	rVB	1495921	2000713	11.10%	0.857%
97	15.374	2254	2259	2265	rVB	2075354	2761710	15.32%	1.183%
98	15.433	2265	2269	2272	rBV2	583319	713609	3.96%	0.306%
99	16.915	2515	2521	2529	rVB2	716794	1530526	8.49%	0.656%
100	17.362	2590	2597	2605	rVB	596367	1229653	6.82%	0.527%

Sum of corrected areas: 233413567

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
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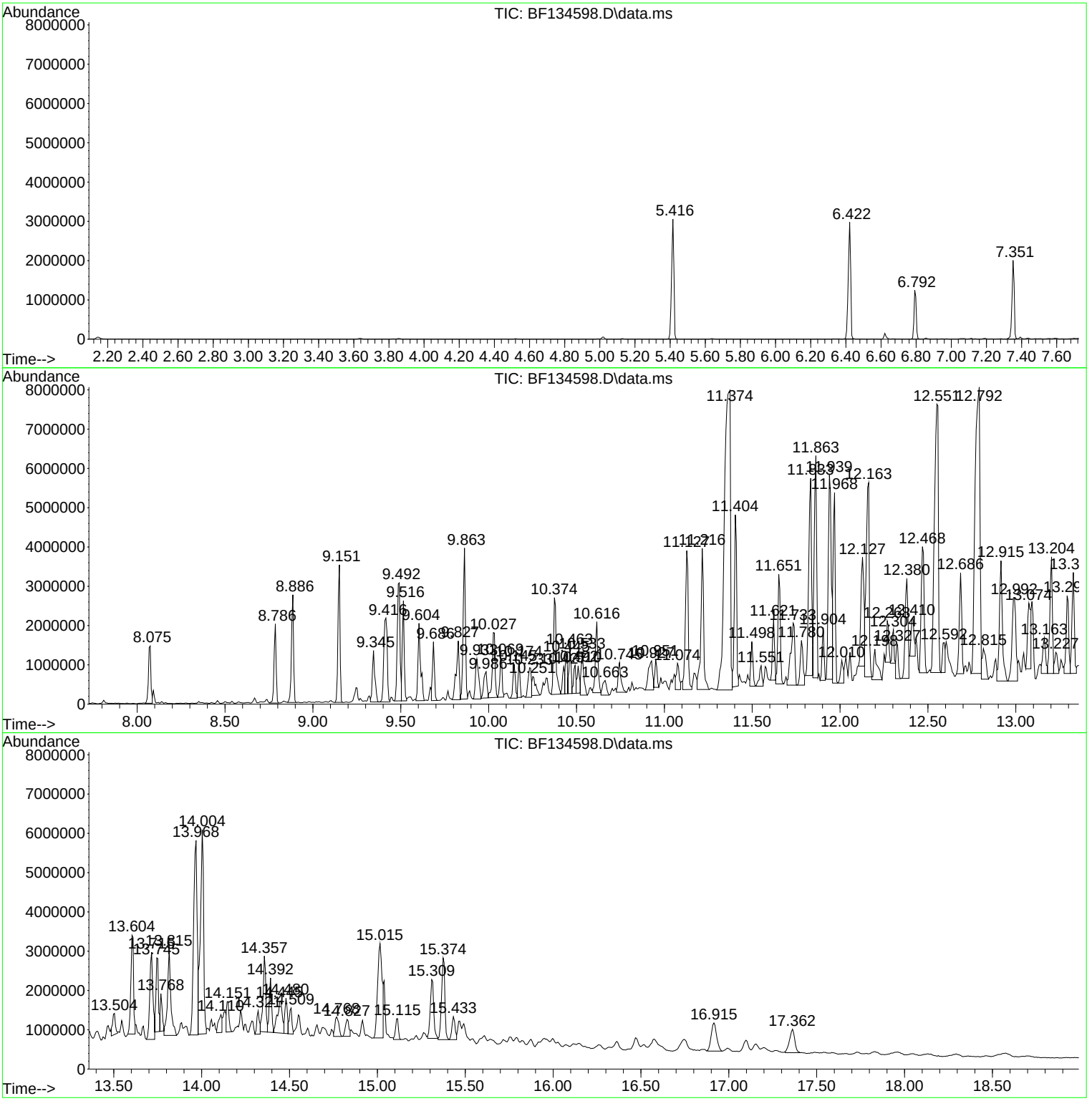
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
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Sample : 03598-12
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Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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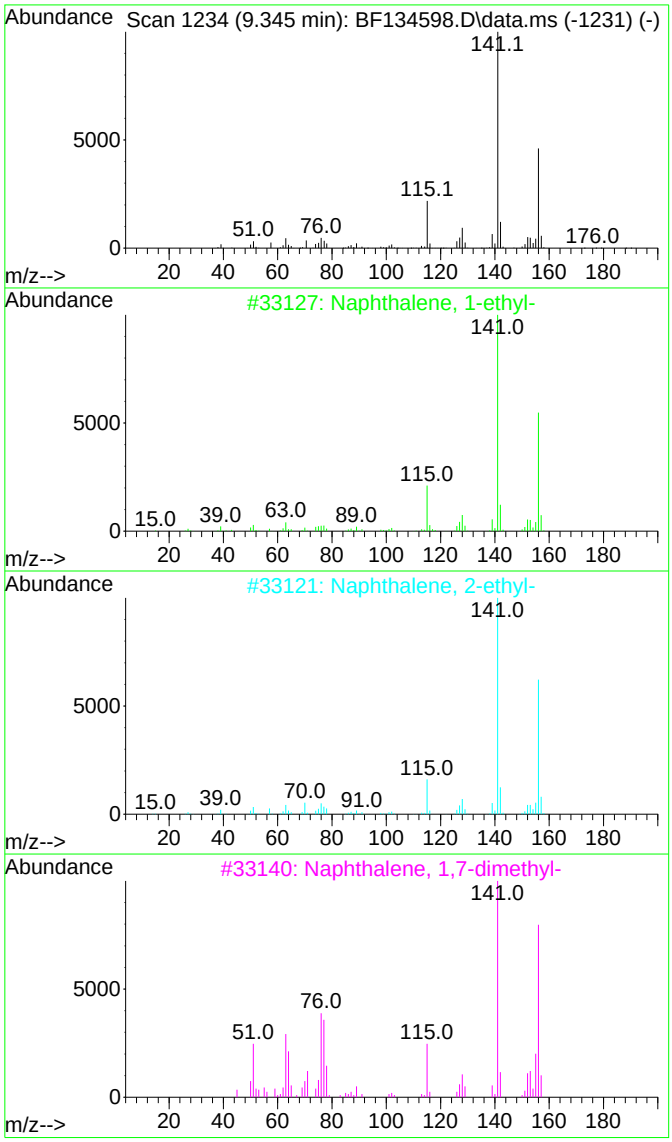
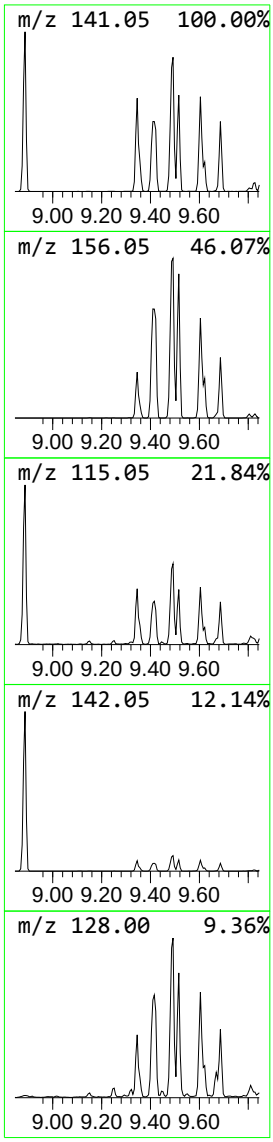
Peak Number 1 Naphthalene, 1-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.345	14.85 ng	1301630	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	53
5	2,5-Dimethoxyfluorobenzene	156	C8H9FO2	082830-49-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
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Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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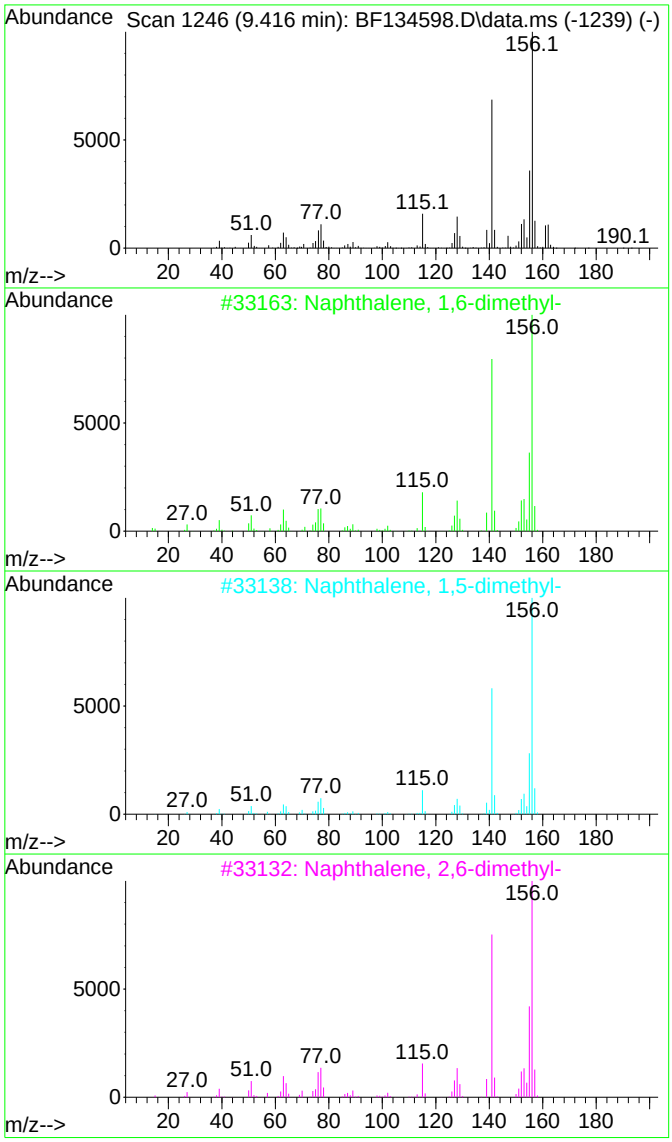
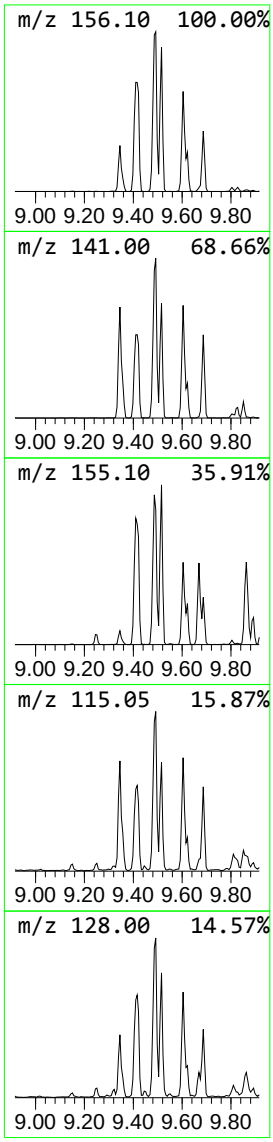
Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.416	33.31 ng	2919030	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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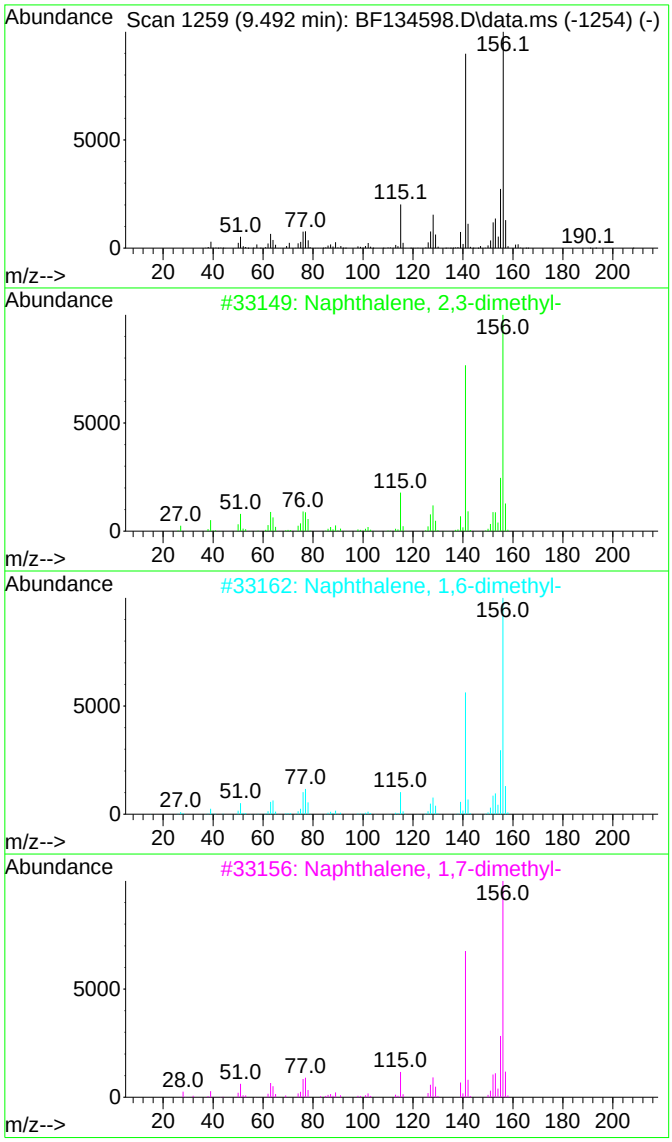
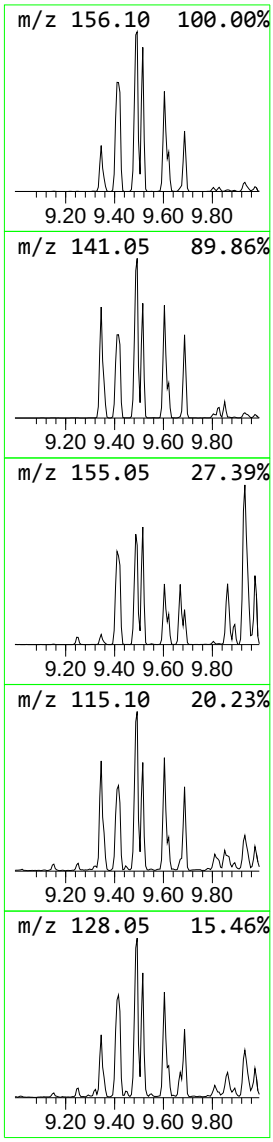
Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	38.23 ng	3350220	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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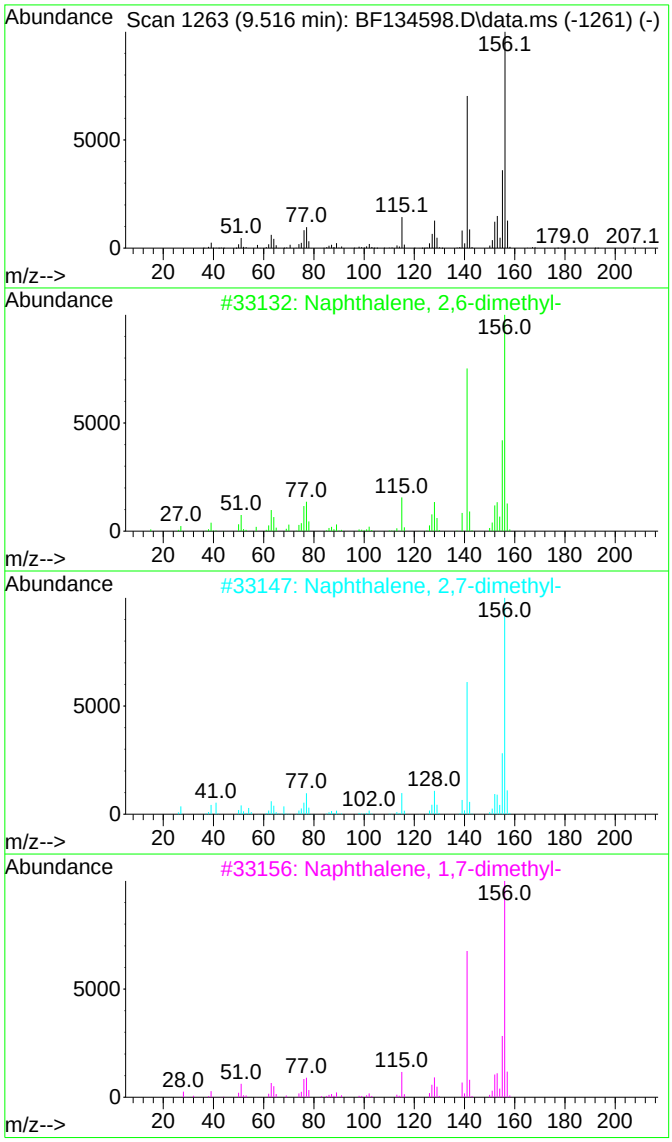
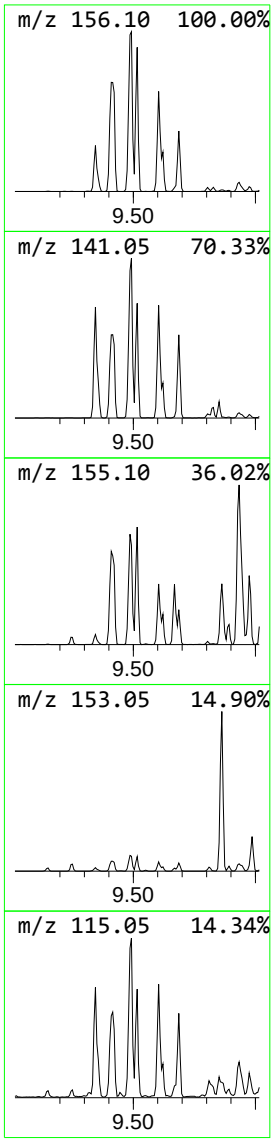
Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	21.32 ng	1868460	Acenaphthene-d10	9.827

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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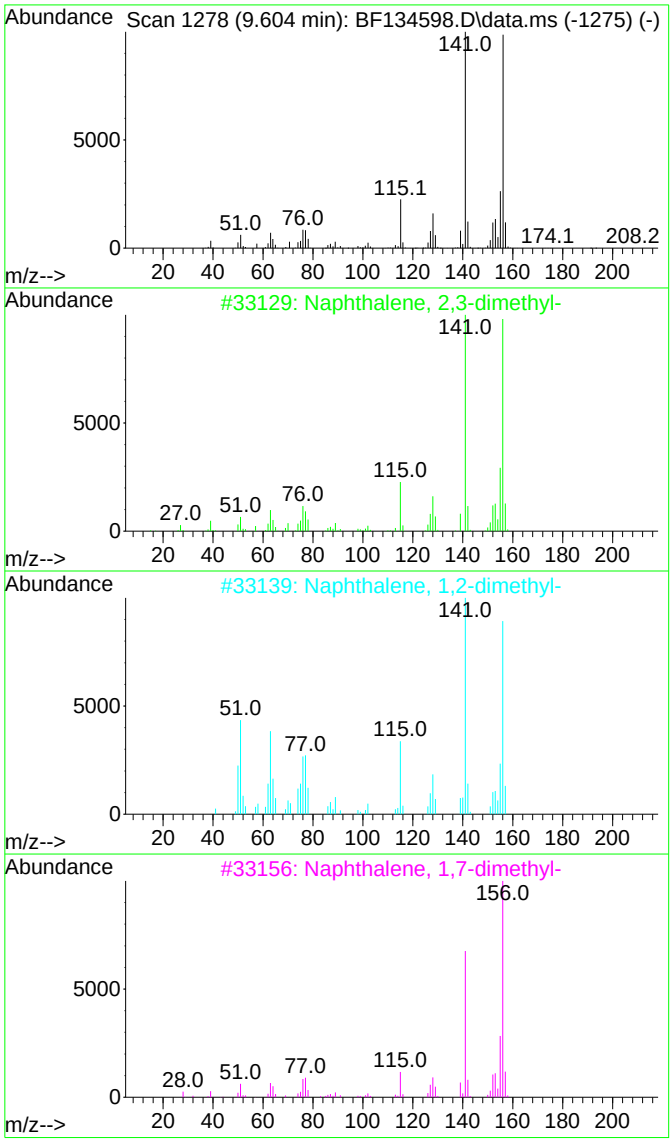
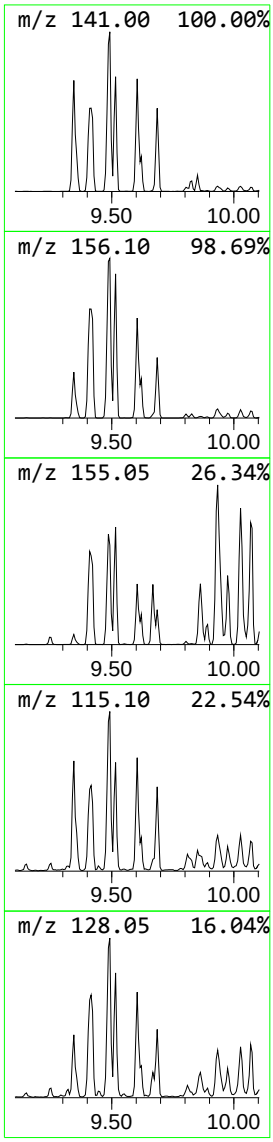
Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.604	23.44 ng	2053820	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

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ClientSampleId :
RB-57-(5-7)

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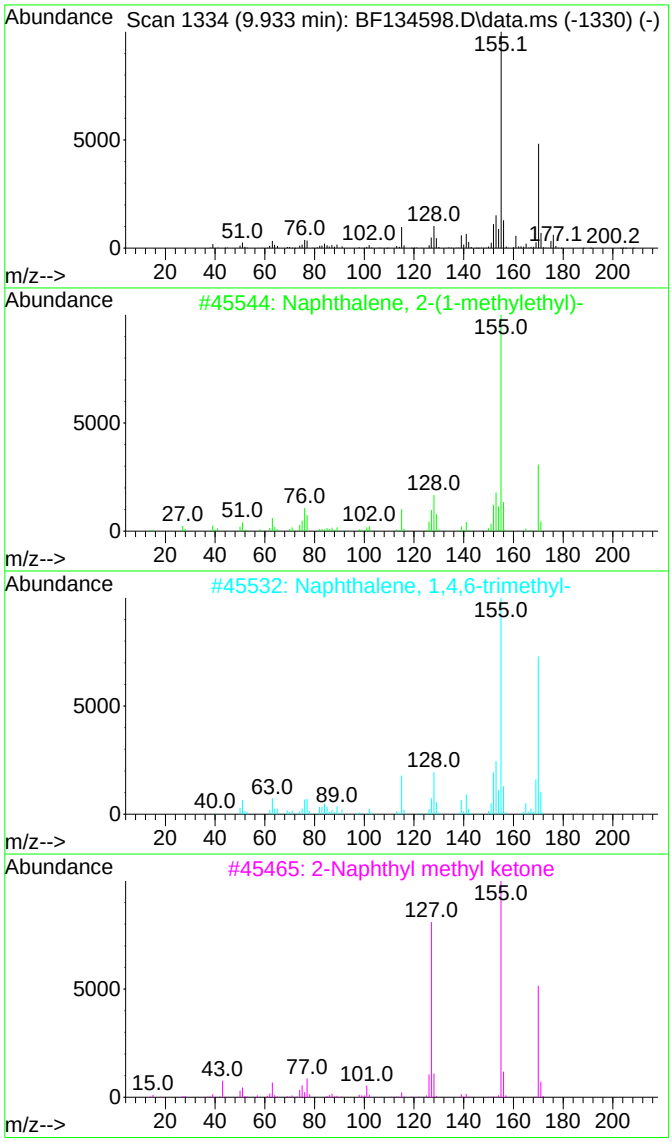
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

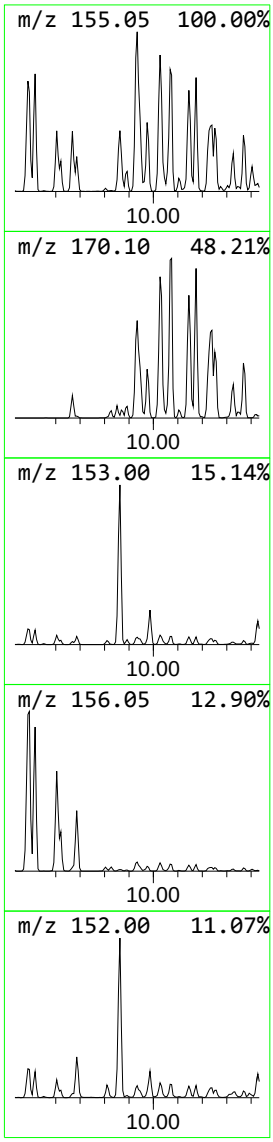
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.933	15.04 ng	1318140	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86
3	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	72
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	72
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70





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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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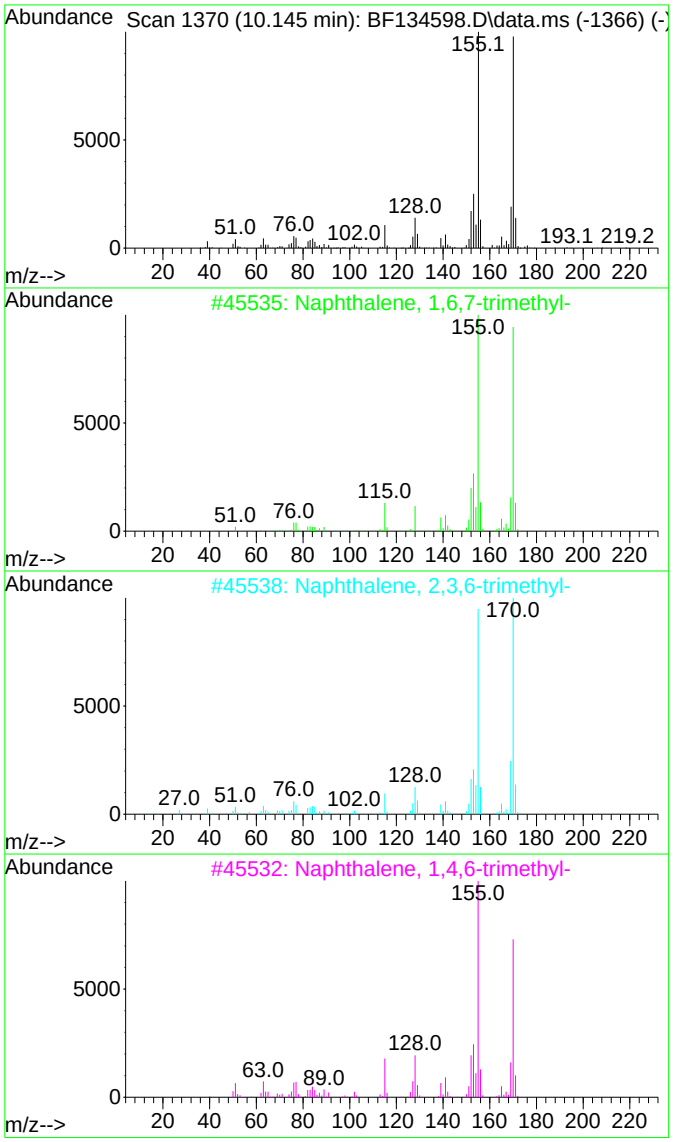
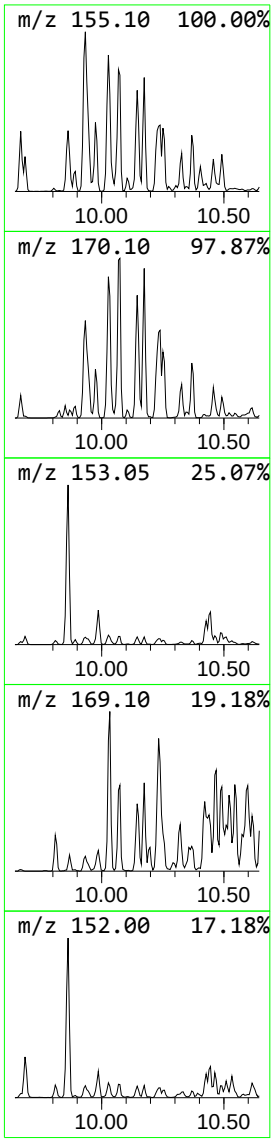
Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.145	9.51 ng	833612	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





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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

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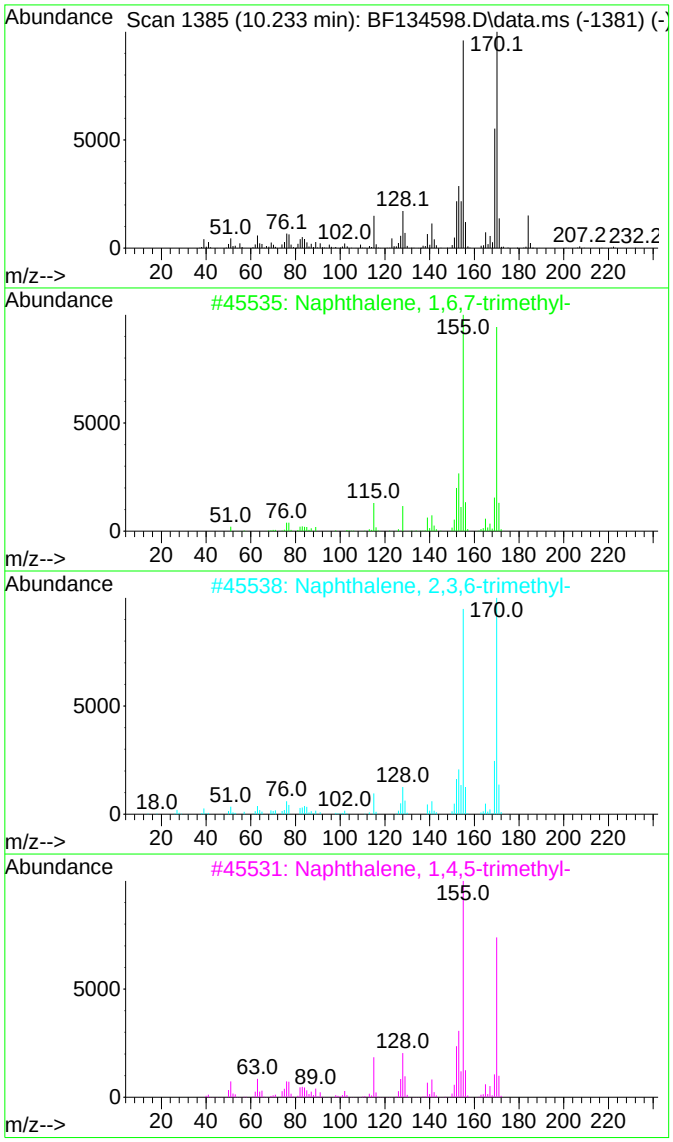
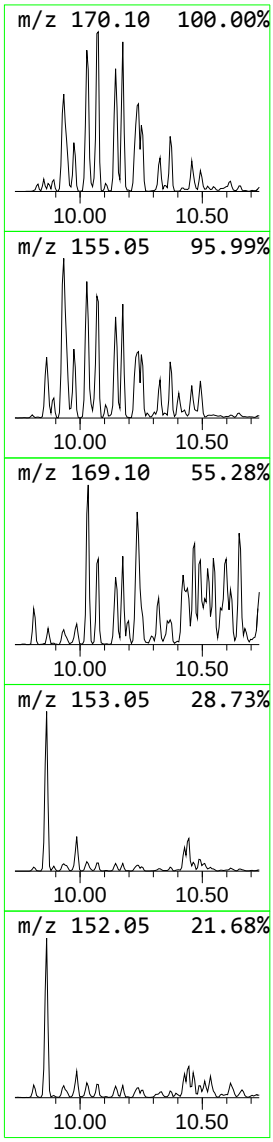
Peak Number 8 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.233	11.14 ng	975831	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





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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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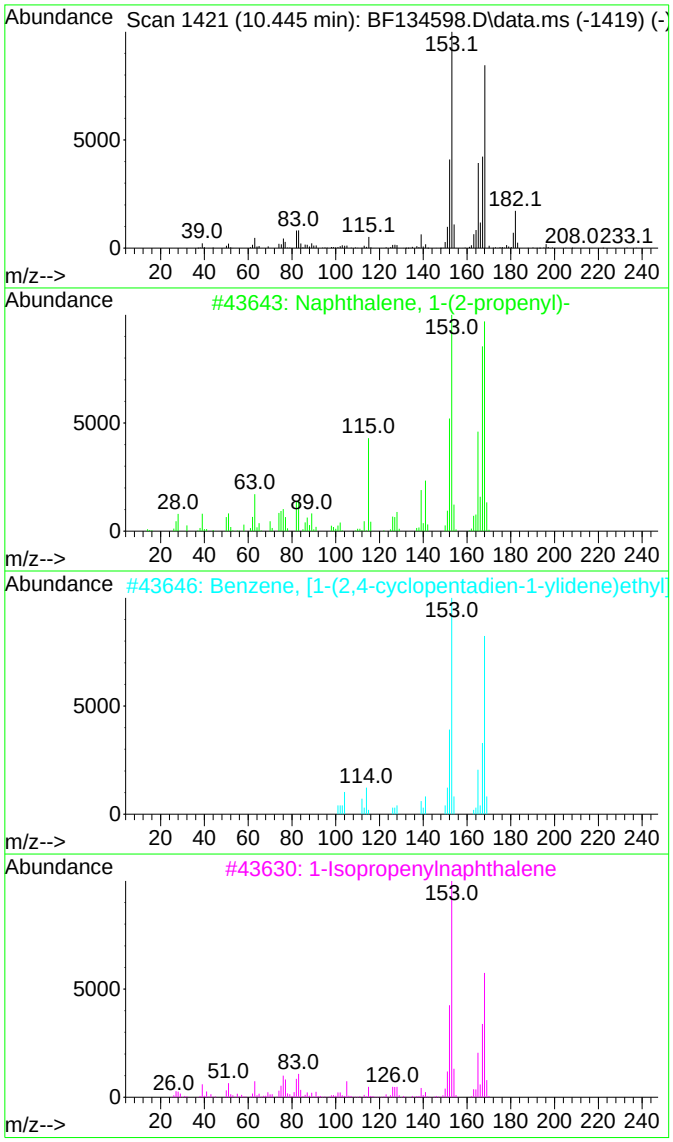
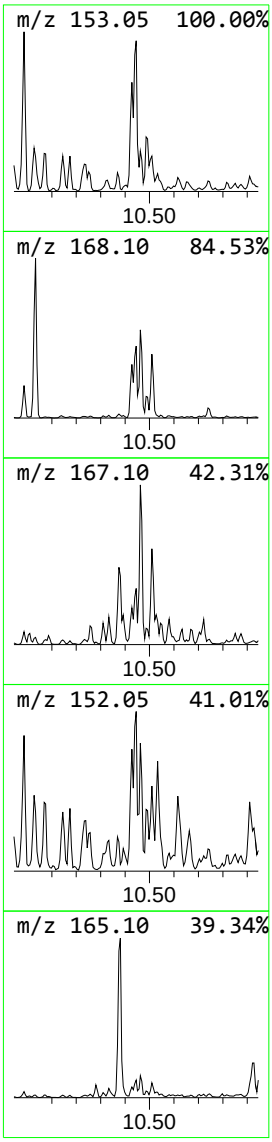
Peak Number 9 Naphthalene, 1-(2-propenyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	9.26 ng	811843	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	53
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	38
4	Nordiphenamid	225	C15H15NO	000954-21-2	37
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	37





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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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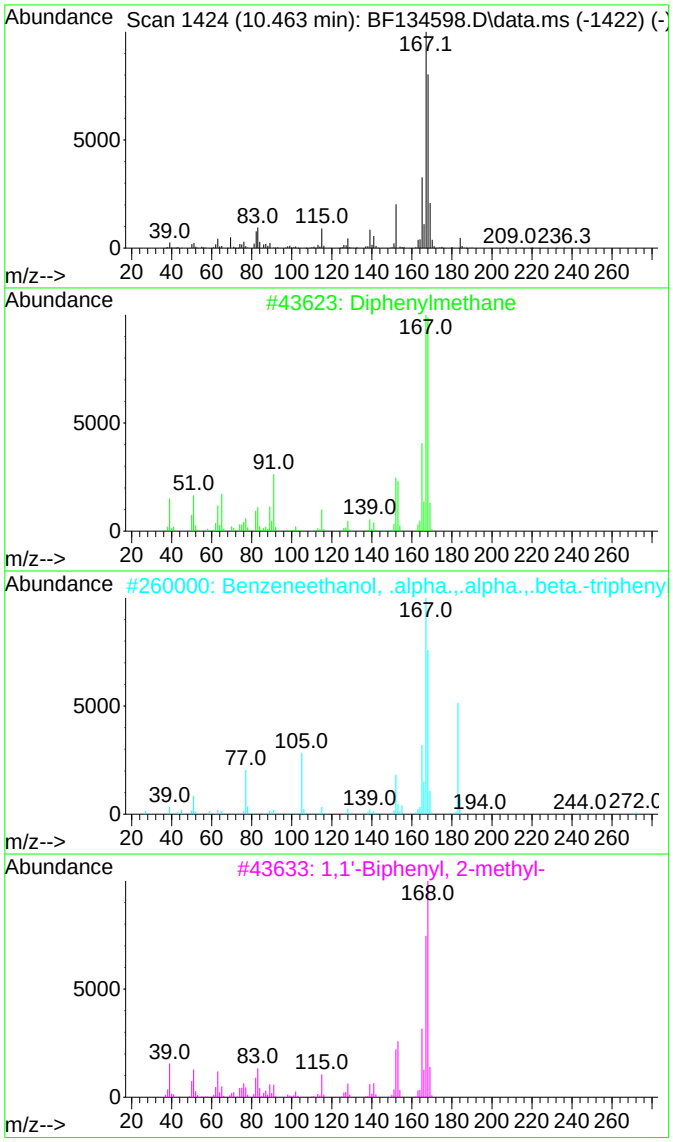
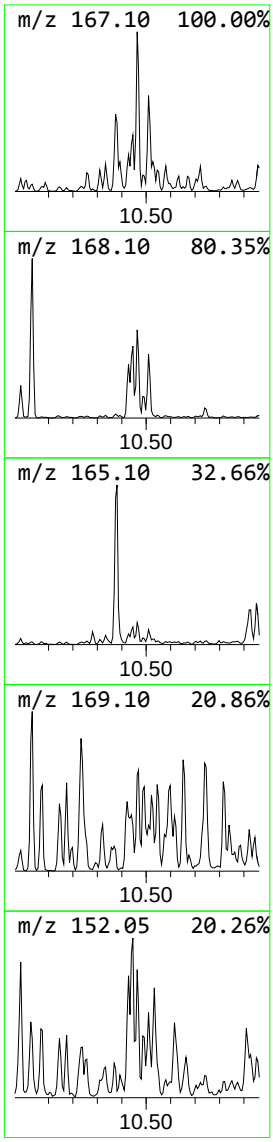
Peak Number 10 Diphenylmethane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.463	10.90 ng	955070	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenylmethane	168	C13H12	000101-81-5	90
2	Benzeneethanol, .alpha.,.alpha.,...	350	C26H22O	000981-24-8	59
3	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	53
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49
5	Benzhydryl isothiocyanate	225	C14H11NS	003550-21-8	49





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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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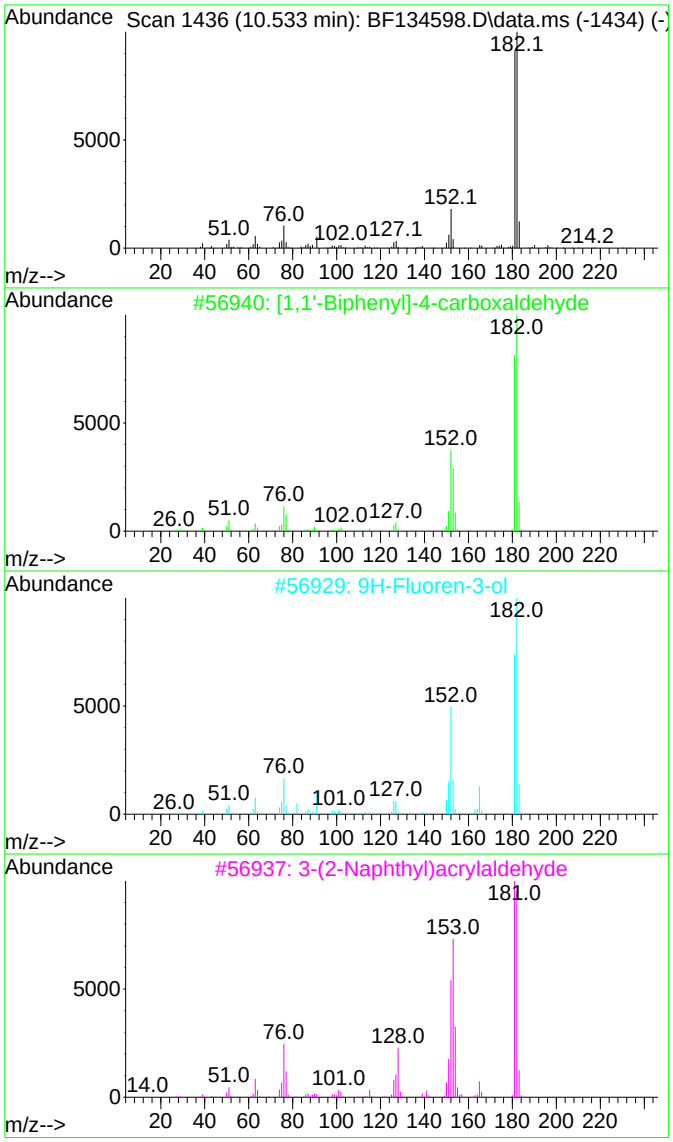
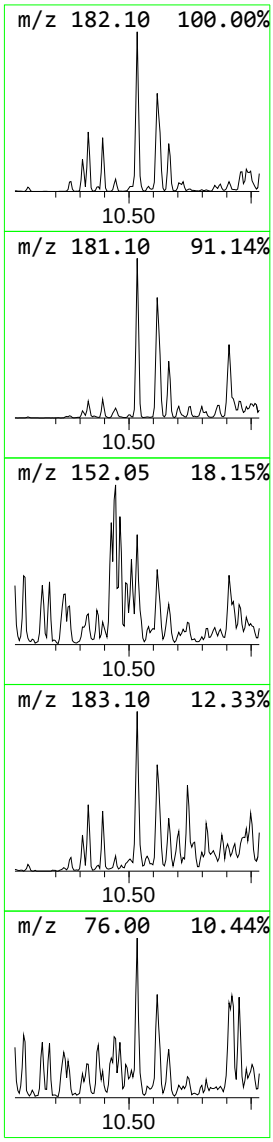
Peak Number 11 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.533	12.30 ng	1078170	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	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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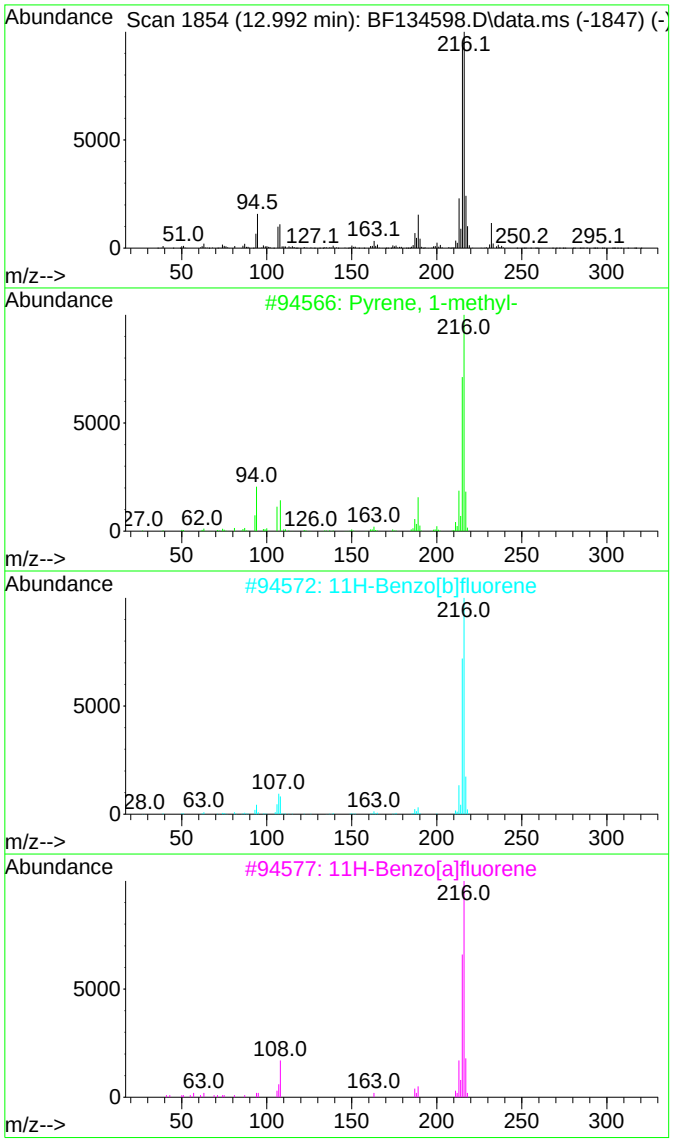
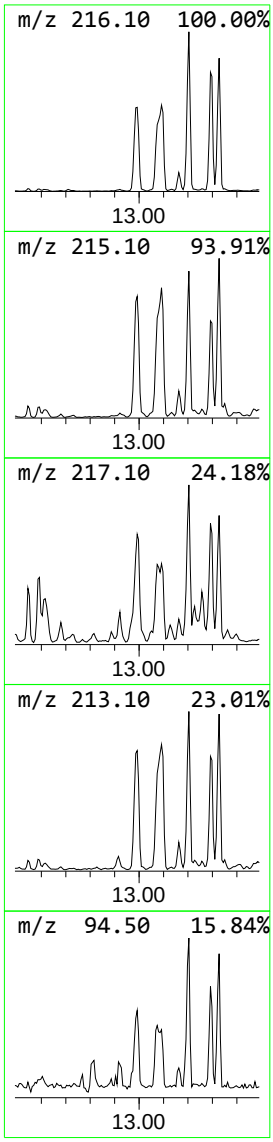
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.992	9.34 ng	3313170	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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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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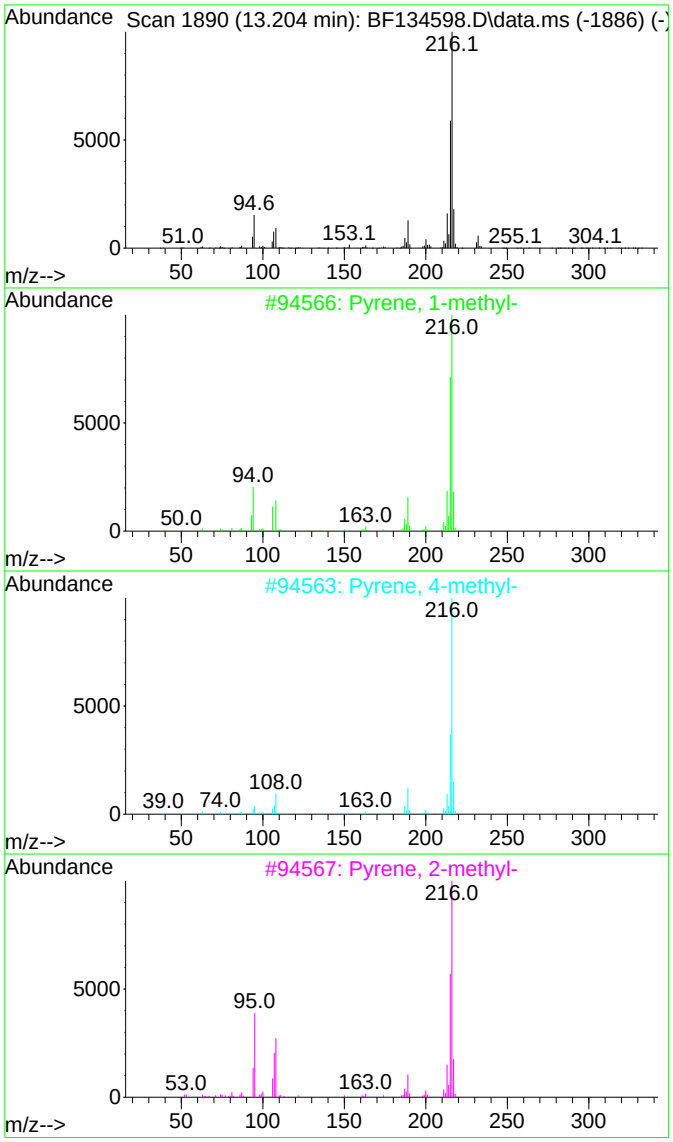
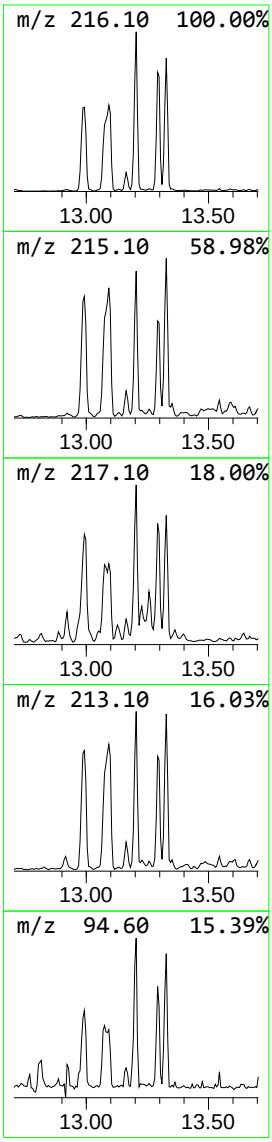
Peak Number 13 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.204	8.27 ng	2932390	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90





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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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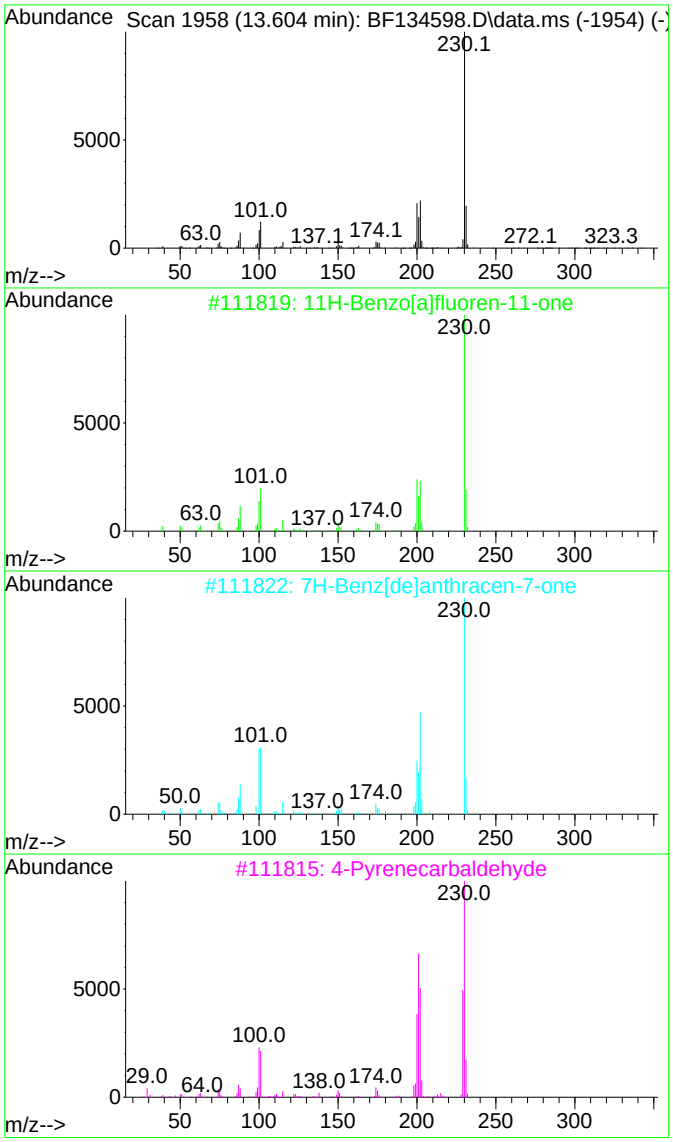
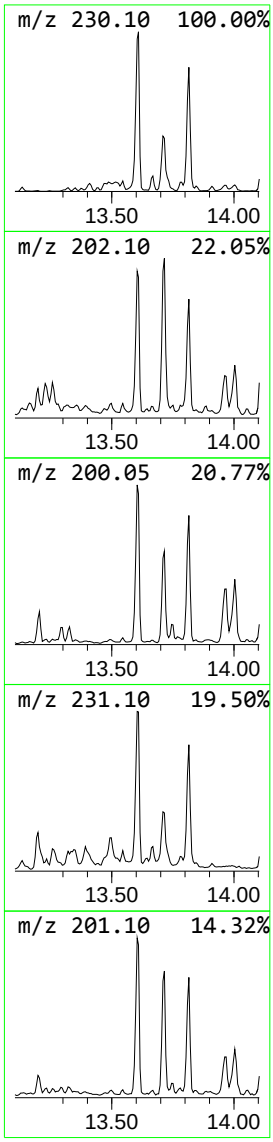
Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.604	7.72 ng	2736430	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	72
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	p-Terphenyl	230	C18H14	000092-94-4	52





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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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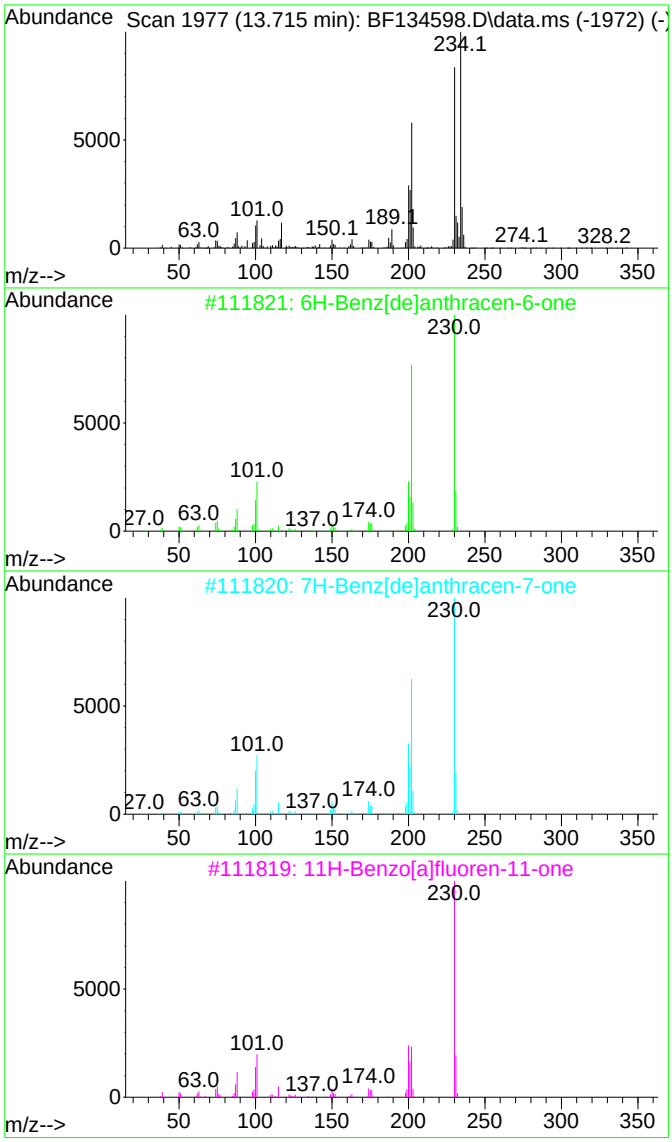
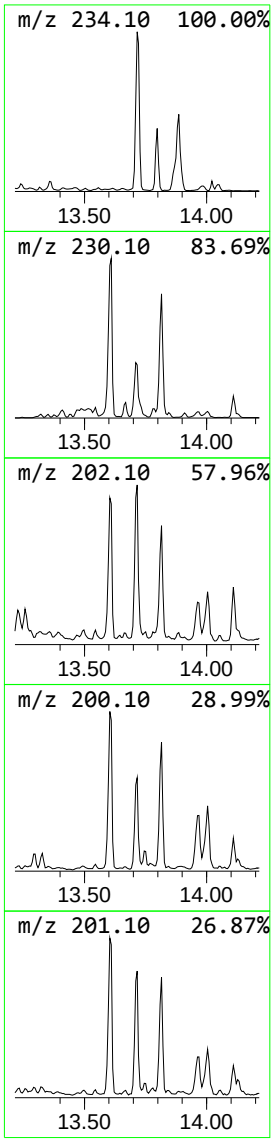
Peak Number 15 6H-Benz[de]anthracen-6-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.715	8.07 ng	2860930	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	83
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	70





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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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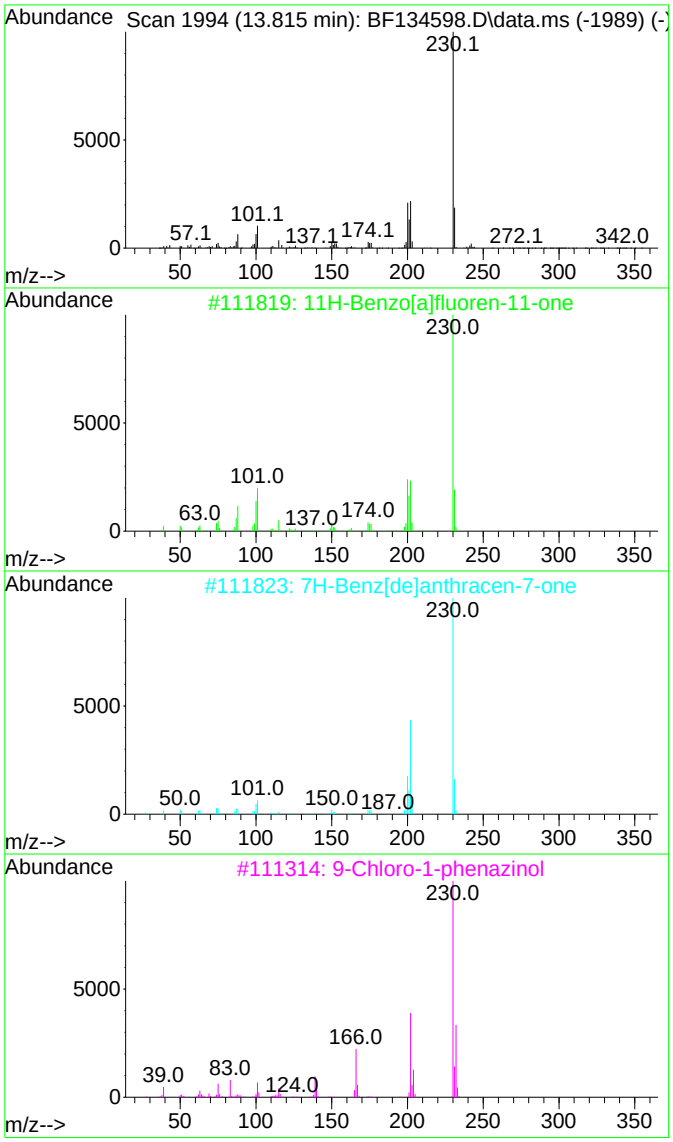
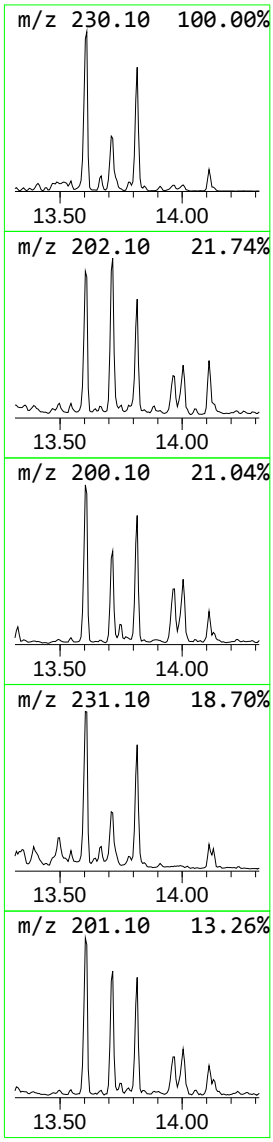
Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.815	8.04 ng	2852070	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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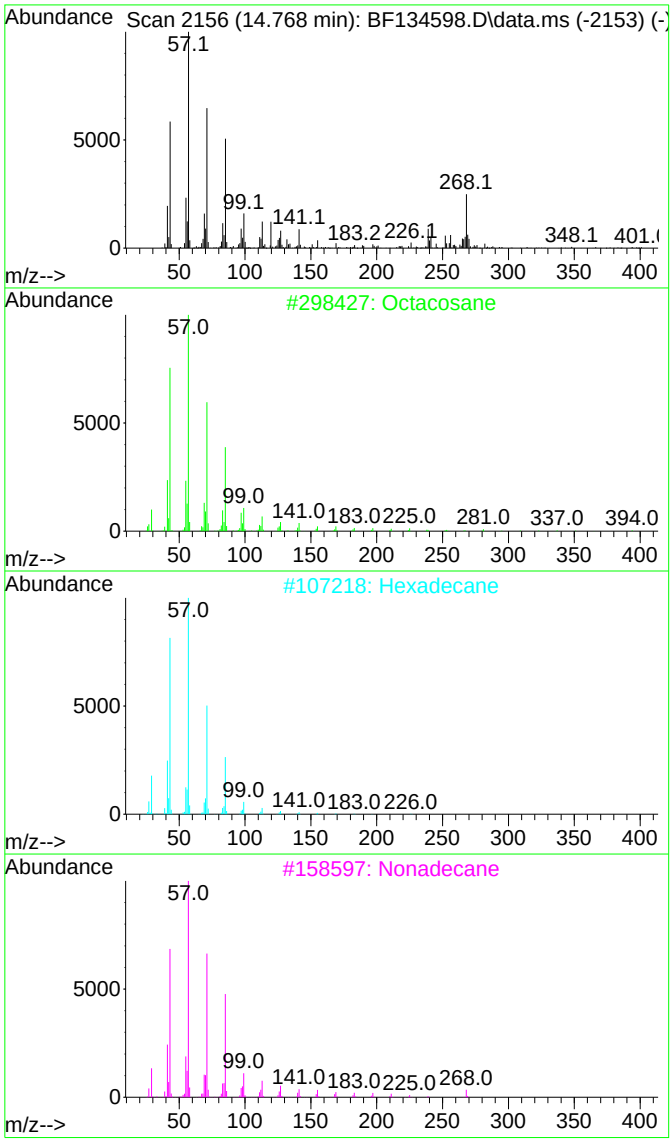
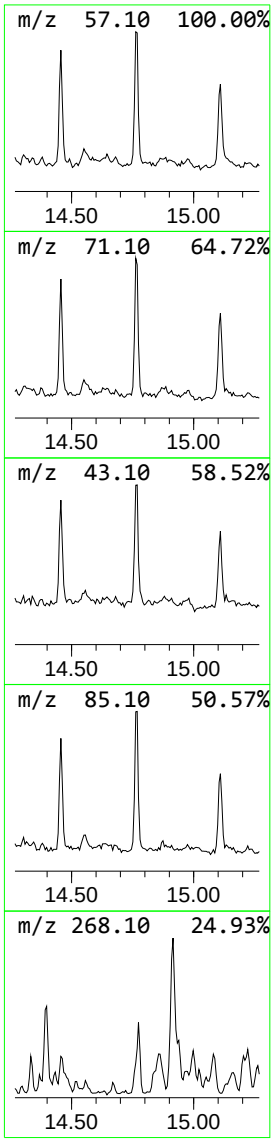
Peak Number 17 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.768	20.80 ng	742217	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Nonadecane	268	C19H40	000629-92-5	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Tetracosane	338	C24H50	000646-31-1	64





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Operator : CG\JU
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Misc :
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ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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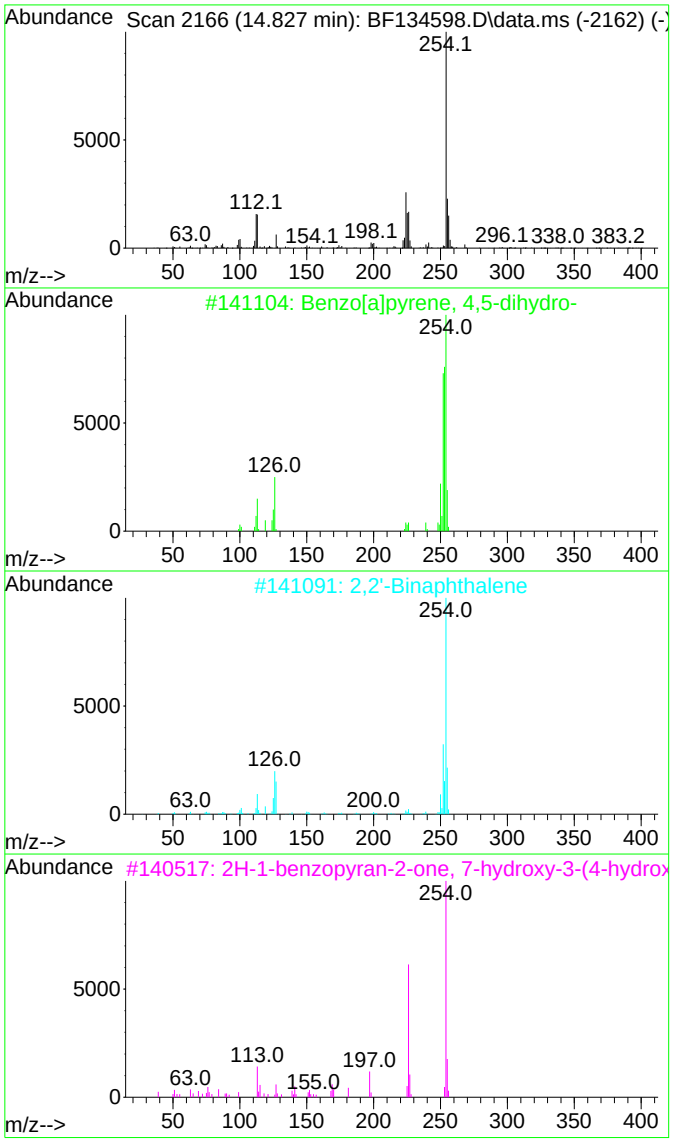
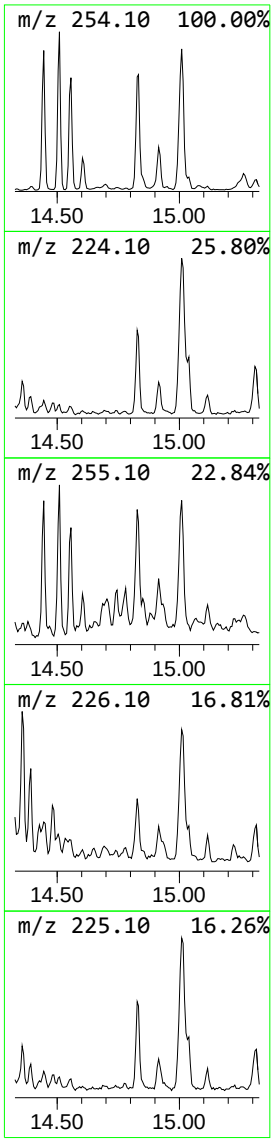
Peak Number 18 Benzo[a]pyrene, 4,5-dihydro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.827	16.82 ng	600251	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	53
2	2,2'-Binaphthalene	254	C20H14	000612-78-2	53
3	2H-1-benzopyran-2-one, 7-hydroxy...	254	C15H10O4	1000401-42-6	50
4	Phenanthrene, 2-phenyl-	254	C20H14	004325-77-3	47
5	Naphthalen-1(2H)-one, 3,4-dihydr...	254	C16H14OS	351066-46-1	47





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Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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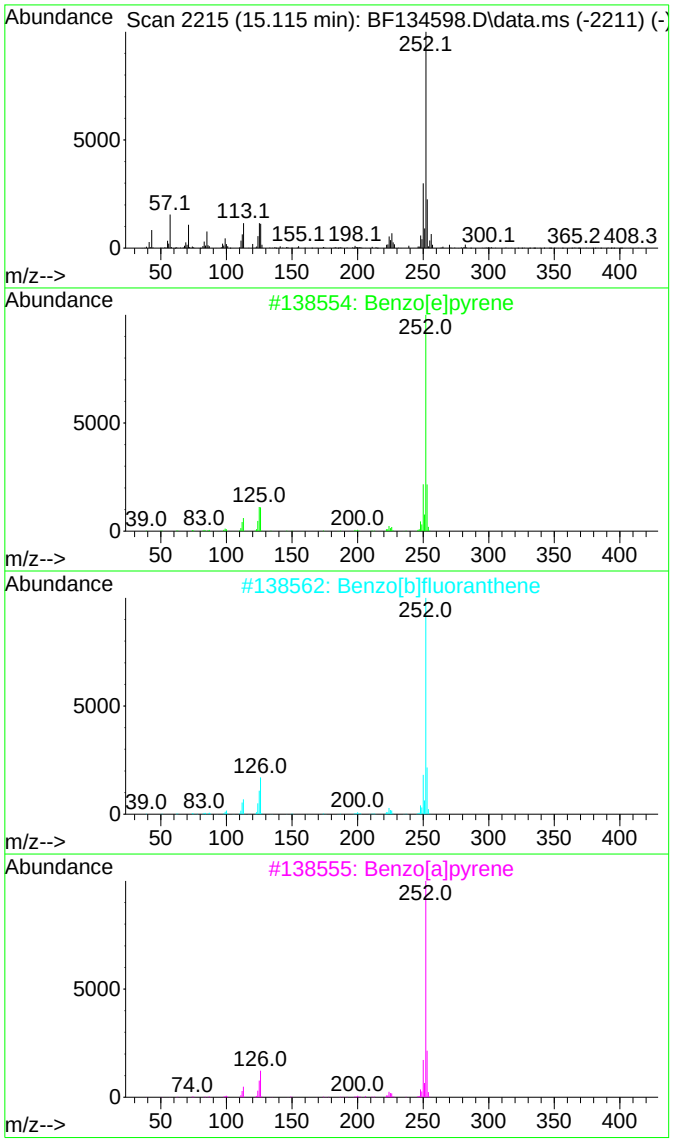
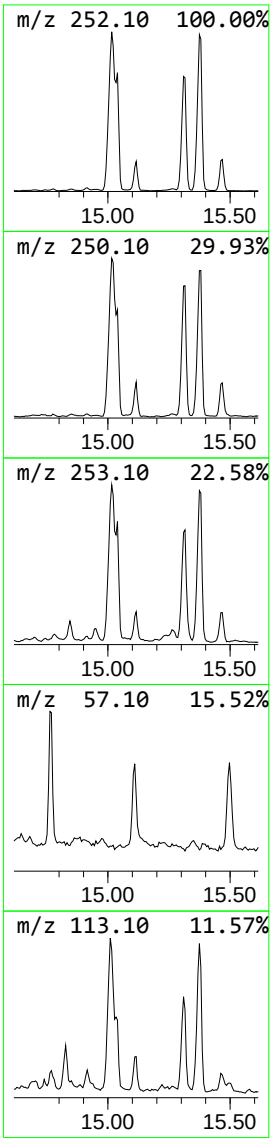
Peak Number 19 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.115	16.60 ng	592317	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	81





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Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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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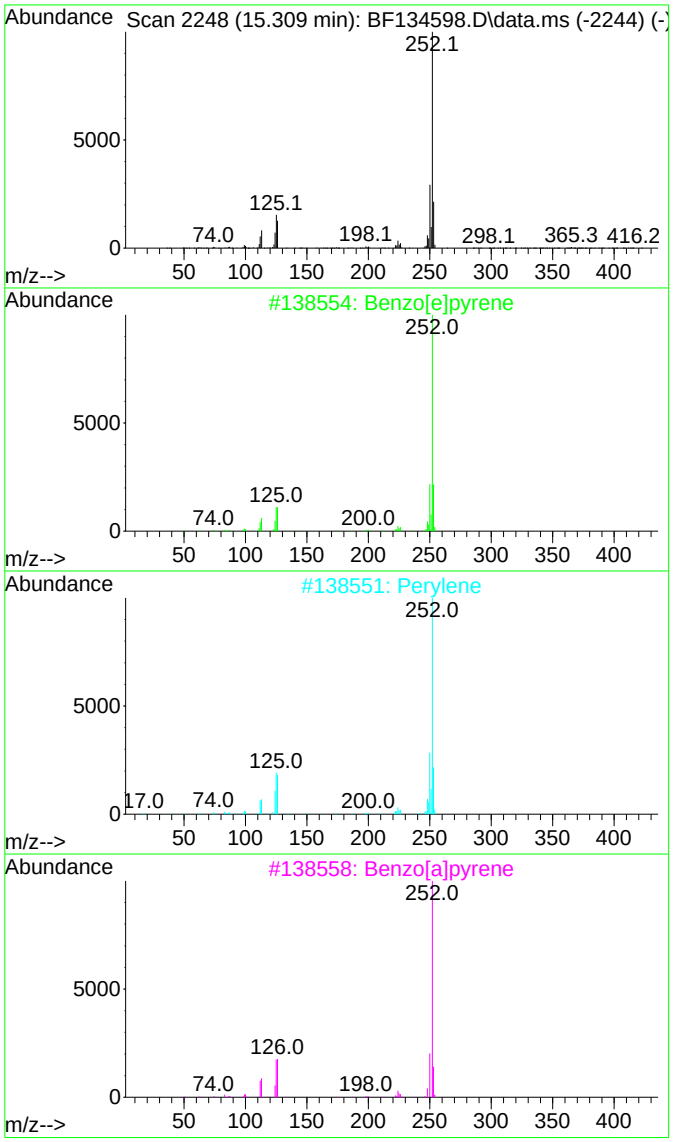
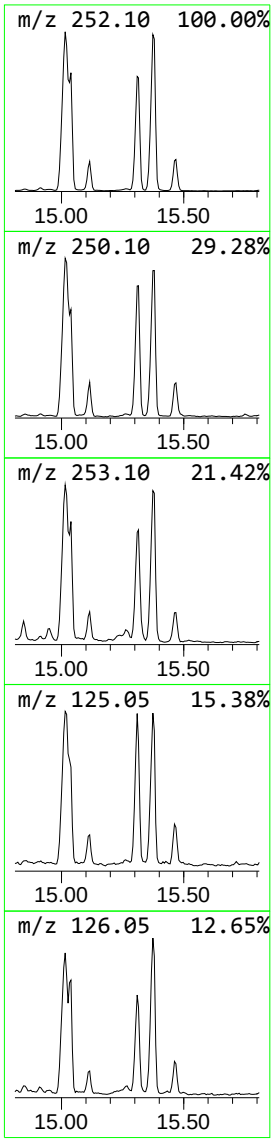
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.309	56.07 ng	2000710	Perylene-d12	15.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080223\
Data File : BF134598.D
Acq On : 03 Aug 2023 00:54
Operator : CG\JU
Sample : 03598-12
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-57-(5-7)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.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
Naphthalene, 1-...	9.345	14.9	ng	1301630	3	9.827	1752650	20.0
Naphthalene, 1,...	9.416	33.3	ng	2919030	3	9.827	1752650	20.0
Naphthalene, 2,...	9.492	38.2	ng	3350220	3	9.827	1752650	20.0
Naphthalene, 2,...	9.516	21.3	ng	1868460	3	9.827	1752650	20.0
Naphthalene, 1,...	9.604	23.4	ng	2053820	3	9.827	1752650	20.0
Naphthalene, 2-...	9.933	15.0	ng	1318140	3	9.827	1752650	20.0
Naphthalene, 1,...	10.145	9.5	ng	833612	3	9.827	1752650	20.0
Naphthalene, 2,...	10.233	11.1	ng	975831	3	9.827	1752650	20.0
Naphthalene, 1-...	10.445	9.3	ng	811843	3	9.827	1752650	20.0
Diphenylmethane	10.463	10.9	ng	955070	3	9.827	1752650	20.0
[1,1'-Biphenyl]...	10.533	12.3	ng	1078170	3	9.827	1752650	20.0
Pyrene, 1-methyl-	12.992	9.3	ng	3313170	5	13.974	7092020	20.0
Pyrene, 4-methyl-	13.204	8.3	ng	2932390	5	13.974	7092020	20.0
11H-Benzo[a]flu...	13.604	7.7	ng	2736430	5	13.974	7092020	20.0
6H-Benz[de]anth...	13.715	8.1	ng	2860930	5	13.974	7092020	20.0
7H-Benz[de]anth...	13.815	8.0	ng	2852070	5	13.974	7092020	20.0
Octacosane	14.768	20.8	ng	742217	6	15.433	713609	20.0
Benzo[a]pyrene,...	14.827	16.8	ng	600251	6	15.433	713609	20.0
Benzo[e]pyrene	15.115	16.6	ng	592317	6	15.433	713609	20.0
Perylene	15.309	56.1	ng	2000710	6	15.433	713609	20.0