LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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: BF134608.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	563	566	570	rVB	3170954	3641357	19.54%	0.722%
2	6.428	729	738	741	rBV	3064215	3675736	19.72%	0.729%
3	6.975	827	831	834	rVB	2372099	1882049	10.10%	0.373%
4	7.057	840	845	851	rBV	1658167	1838848	9.87%	0.365%
5	7.357	893	896	900	rVV	2312013	2078553	11.15%	0.412%
6	7.816	968	974	978	rBV3	1601604	2493103	13.38%	0.494%
7	7.857	978	981	986	rVV	1427955	2029821	10.89%	0.403%
8	8.116	1013	1025	1027	rVV2	7591086	14425306	77.39%	2.861%
9	8.151	1027	1031	1036	rVB	2373477	1979371	10.62%	0.393%
10	8.739	1123	1131	1135	rVV3	1599176	2314350	12.42%	0.459%
11	8.804	1135	1142	1144	rVB	7080696	9966922	53.47%	1.977%
12	8.904	1152	1159	1162	rVV2	7164553	12111776	64.98%	2.402%
13	9.151	1198	1201	1204	rVB	3621594	3048805	16.36%	0.605%
14	9.257	1212	1219	1222	rBV	4346592	4416361	23.69%	0.876%
15	9.351	1232	1235	1241	rVB	3937359	5204119	27.92%	1.032%
16	9.428	1241	1248	1251	rBV2	6052540	9943773	53.35%	1.972%
17	9.504	1255	1261	1263	rVV	6487310	10223666	54.85%	2.028%
18	9.528	1263	1265	1268	rVV2	5517893	5883721	31.57%	1.167%
19	9.563	1268	1271	1273	rVB	2763026	2342428	12.57%	0.465%
20	9.616	1273	1280	1289	rVB	5216047	7698007	41.30%	1.527%
21	9.704	1289	1295	1298	rVB	6529266	7533959	40.42%	1.494%
22	9.822	1311	1315	1319	rBV2	2791094	3451853	18.52%	0.685%
23	9.875	1319	1324	1326	rBV	6564162	8006363	42.95%	1.588%
24	9.945	1332	1336	1339	rBV2	3078940	3743107	20.08%	0.742%
25	10.039	1345	1352	1355	rVB3	4815092	6225312	33.40%	1.235%
26	10.080	1355	1359	1361	rBV	3985894	3323635	17.83%	0.659%
27	10.157	1367	1372	1374	rBV3	3859624	5029756	26.98%	0.998%
28	10.180	1374	1376	1379	rVB	2355923	1968254	10.56%	0.390%
29	10.245	1383	1387	1389	rBV2	2215019	3206548	17.20%	0.636%
30	10.292	1393	1395	1398	rVB	3081826	2362718	12.68%	0.469%
31	10.351	1402	1405	1408	rVV3	1619046	2218868	11.90%	0.440%
32	10.404	1408	1414	1417	rVB	6016034	10267604	55.08%	2.037%
33	10.451	1417	1422	1424	rBV2	2323354	3127661	16.78%	0.620%
34	10.498	1428	1430	1433	rVB2	2719970	2199901	11.80%	0.436%
35	10.545	1435	1438	1441	rBV2	2306652	2391540	12.83%	0.474%
36	10.610	1446	1449	1450	rBV	2683332	2368810	12.71%	0.470%

LSC Area Percent Report

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Sample : 03775-02
Misc :
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Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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	10.627	1450	1452	1455	rVB3	3252950	3173104	17.02%	0.629%
38	10.751	1470	1473	1475	rBV2	2769235	3001208	16.10%	0.595%
39	10.827	1480	1486	1488	rBV3	1387179	1799788	9.66%	0.357%
40	10.939	1499	1505	1508	rBV2	4146599	6715421	36.03%	1.332%
41	10.969	1508	1510	1513	rVV	3627120	3501496	18.79%	0.694%
42	11.022	1516	1519	1522	rVV	3417559	3433019	18.42%	0.681%
43	11.086	1528	1530	1534	rVV3	2016842	2631126	14.12%	0.522%
44	11.139	1536	1539	1543	rVV2	1883730	2253809	12.09%	0.447%
45	11.186	1544	1547	1549	rVV2	1405466	1673691	8.98%	0.332%
46	11.239	1549	1556	1562	rVB2	5620611	10117711	54.28%	2.007%
47	11.392	1571	1582	1584	rBV	6826167	18639612	100.00%	3.697%
48	11.433	1584	1589	1591	rVV	5124487	7400130	39.70%	1.468%
49	11.639	1621	1624	1626	rBV2	2980193	2627527	14.10%	0.521%
50	11.674	1626	1630	1634	rVB	4017498	5448196	29.23%	1.081%
51	11.763	1640	1645	1647	rVB	4195279	5928342	31.81%	1.176%
52	11.798	1647	1651	1653	rBV	1586580	1963562	10.53%	0.389%
53	11.857	1655	1661	1663	rBV2	4164003	7869800	42.22%	1.561%
54	11.892	1663	1667	1670	rVB	5175100	7027927	37.70%	1.394%
55	11.933	1670	1674	1676	rBV	2975711	4429239	23.76%	0.879%
56	11.980	1676	1682	1684	rBV2	3849563	7356729	39.47%	1.459%
57	12.080	1696	1699	1702	rVB	2587775	2338501	12.55%	0.464%
58	12.151	1706	1711	1713	rVV	3743176	5909905	31.71%	1.172%
59	12.180	1714	1716	1720	rVB2	2927374	2745571	14.73%	0.545%
60	12.245	1723	1727	1730	rVV2	1388542	2431635	13.05%	0.482%
61	12.274	1730	1732	1738	rVV2	2183780	4153731	22.28%	0.824%
62	12.327	1738	1741	1743	rVV	2589043	3374279	18.10%	0.669%
63	12.351	1743	1745	1749	rVB2	3002404	2619943	14.06%	0.520%
64	12.416	1750	1756	1758	rBV	4148489	8261075	44.32%	1.639%
65	12.451	1758	1762	1768	rVV4	3260679	6954193	37.31%	1.379%
66	12.516	1768	1773	1777	rVB3	2695726	4600120	24.68%	0.912%
67	12.610	1777	1789	1793	rBV2	5404415	15783676	84.68%	3.131%
68	12.674	1796	1800	1805	rVB	3572259	4690377	25.16%	0.930%
69	12.733	1805	1810	1812	rBV	3053386	3994215	21.43%	0.792%
70	12.833	1817	1827	1831	rBV	5572439	17606343	94.46%	3.492%
71	13.027	1855	1860	1865	rVB3	3406791	6190605	33.21%	1.228%
72	13.074	1865	1868	1870	rBV	2498232	2343944	12.58%	0.465%
73	13.116	1870	1875	1876	rBV4	2463215	3732138	20.02%	0.740%
74	13.174	1882	1885	1887	rBV3	1886989	2460034	13.20%	0.488%
75	13.204	1887	1890	1893	rVV	3927905	5860529	31.44%	1.162%
76	13.251	1893	1898	1904	rVV3	4116165	8302821	44.54%	1.647%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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

77	13.333	1908	1912	1915	rVV	3756545	5869596	31.49%	1.164%
78	13.368	1915	1918	1925	rVB2	4110070	6128400	32.88%	1.216%
79	13.610	1956	1959	1962	rBV4	1274242	2062602	11.07%	0.409%
80	13.757	1978	1984	1986	rBV	3236881	6292239	33.76%	1.248%
81	13.780	1986	1988	1990	rVV	2816079	2327812	12.49%	0.462%
82	13.916	2008	2011	2018	rVB	2034906	2553014	13.70%	0.506%
83	14.004	2019	2026	2028	rBV	5133224	11657705	62.54%	2.312%
84	14.151	2048	2051	2056	rVV4	2206981	3947616	21.18%	0.783%
85	14.257	2066	2069	2076	rVB2	2000888	2451508	13.15%	0.486%
86	14.392	2088	2092	2095	rVV	3268569	4687060	25.15%	0.930%
87	14.421	2095	2097	2099	rVB	2540182	1973228	10.59%	0.391%
88	14.515	2110	2113	2115	rBV2	2195357	2741809	14.71%	0.544%
89	14.533	2115	2116	2119	rVB2	2826579	2221929	11.92%	0.441%
90	14.580	2121	2124	2127	rVB2	1809971	1844803	9.90%	0.366%
91	14.880	2172	2175	2182	rBV3	1061345	1699554	9.12%	0.337%
92	15.062	2198	2206	2208	rBV	4290439	9830549	52.74%	1.950%
93	15.157	2218	2222	2226	rVB	2231924	2770010	14.86%	0.549%
94	15.362	2250	2257	2262	rBV	3510117	6582865	35.32%	1.306%
95	15.445	2262	2271	2273	rBV2	4820771	10503817	56.35%	2.083%
96	15.515	2279	2283	2289	rVB2	2102137	3533117	18.95%	0.701%
97	16.062	2372	2376	2379	rVB2	1285662	1796507	9.64%	0.356%
98	17.004	2525	2536	2541	rVB3	2374028	6285701	33.72%	1.247%
99	17.462	2603	2614	2621	rBV	1883504	5549995	29.78%	1.101%
100	17.686	2647	2652	2667	rVB2	1067408	2897807	15.55%	0.575%

Sum of corrected areas: 504178276

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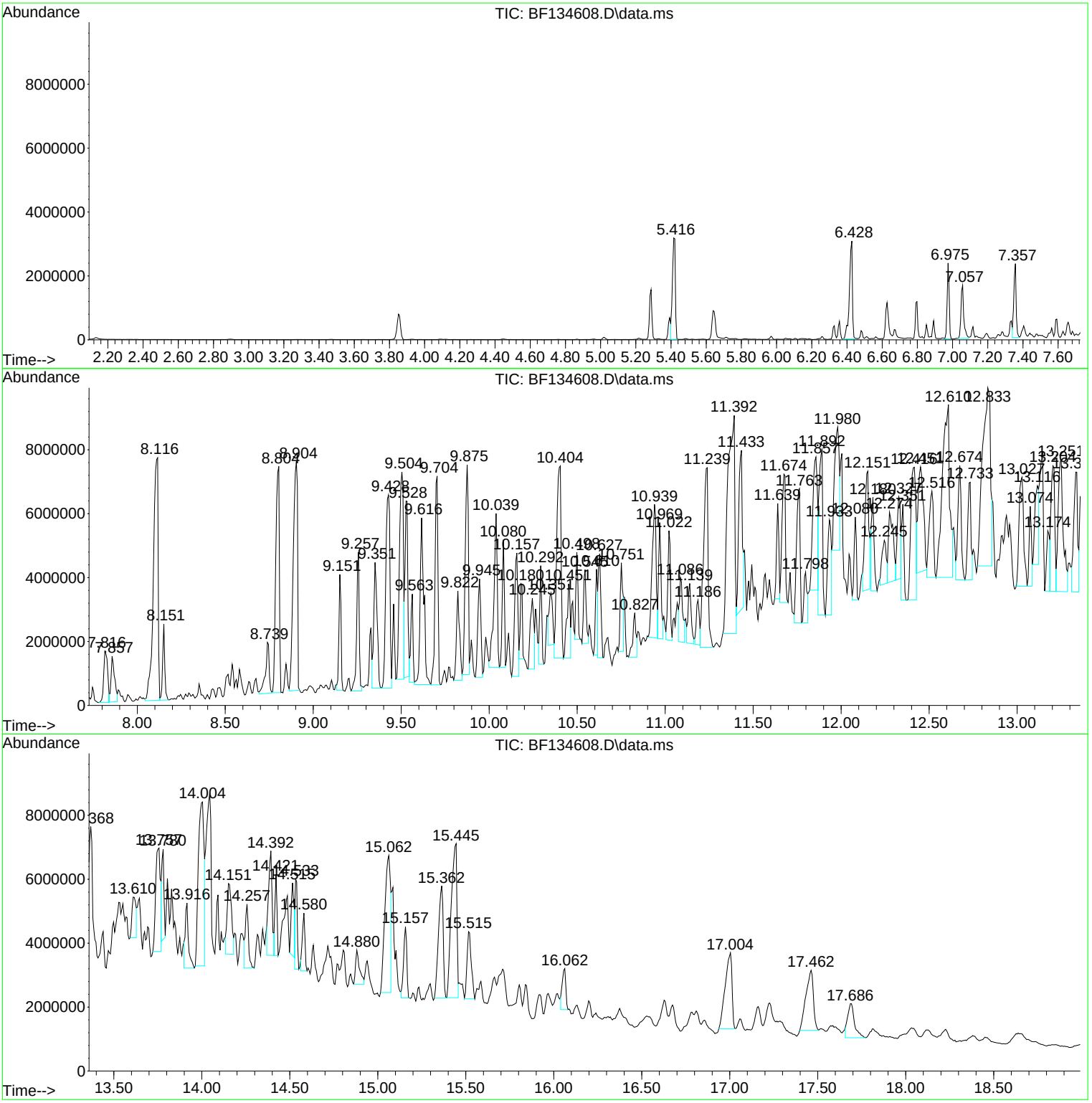
Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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\BF080323\
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Instrument :
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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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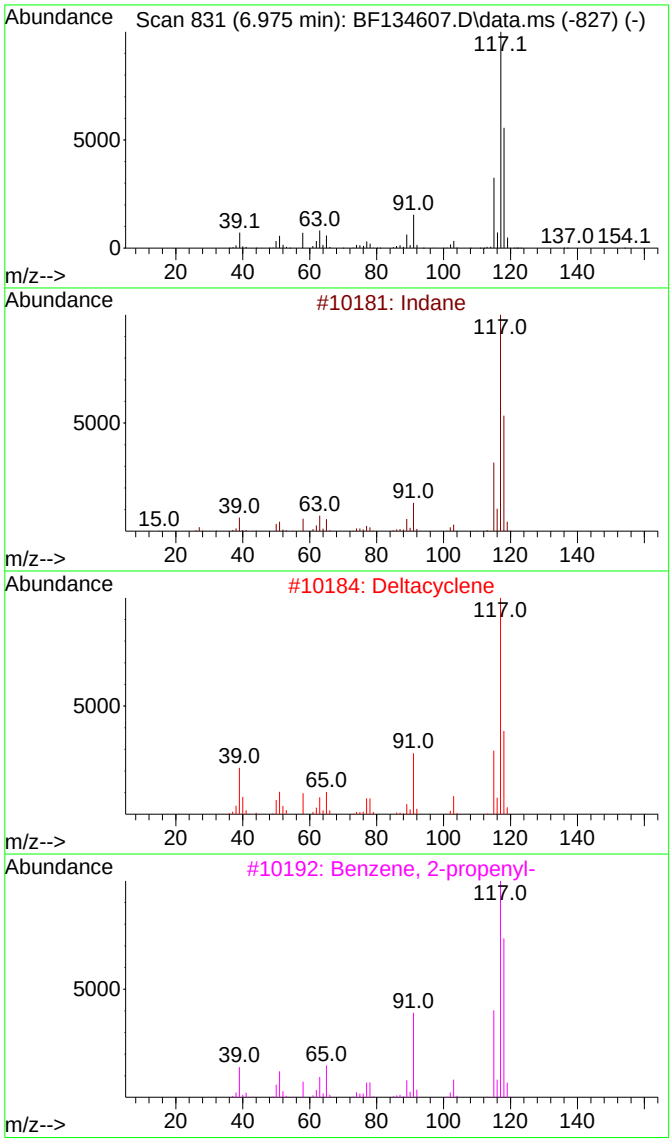
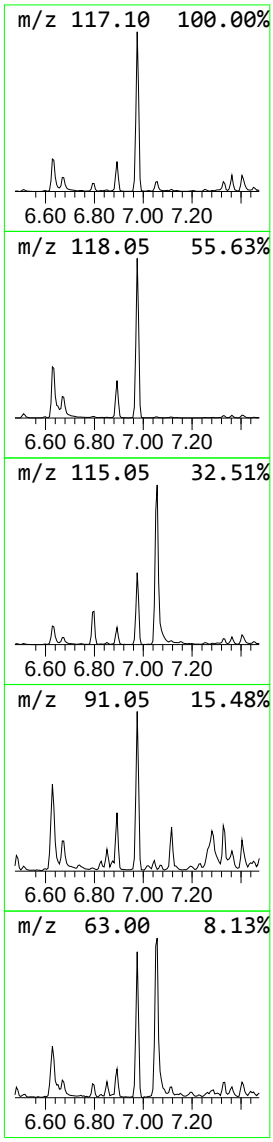
Peak Number 1 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.975	20.00 ng	1882050	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Deltacyclene	118	C9H10	007785-10-6	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	64





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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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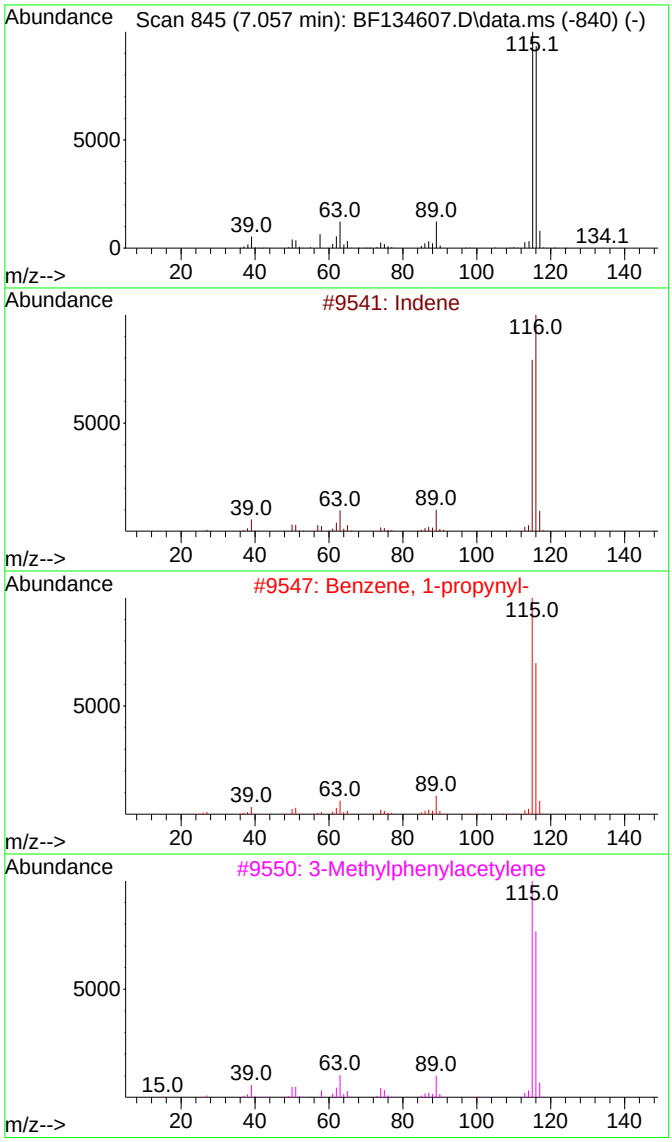
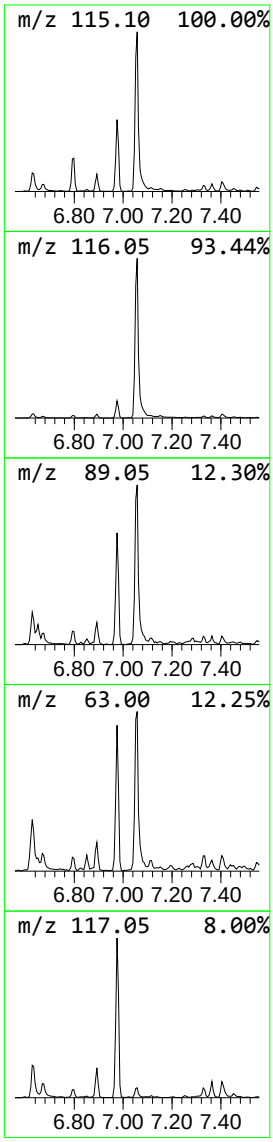
Peak Number 2 Indene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	19.54 ng	1838850	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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BUILDING-A-12-(0-5)

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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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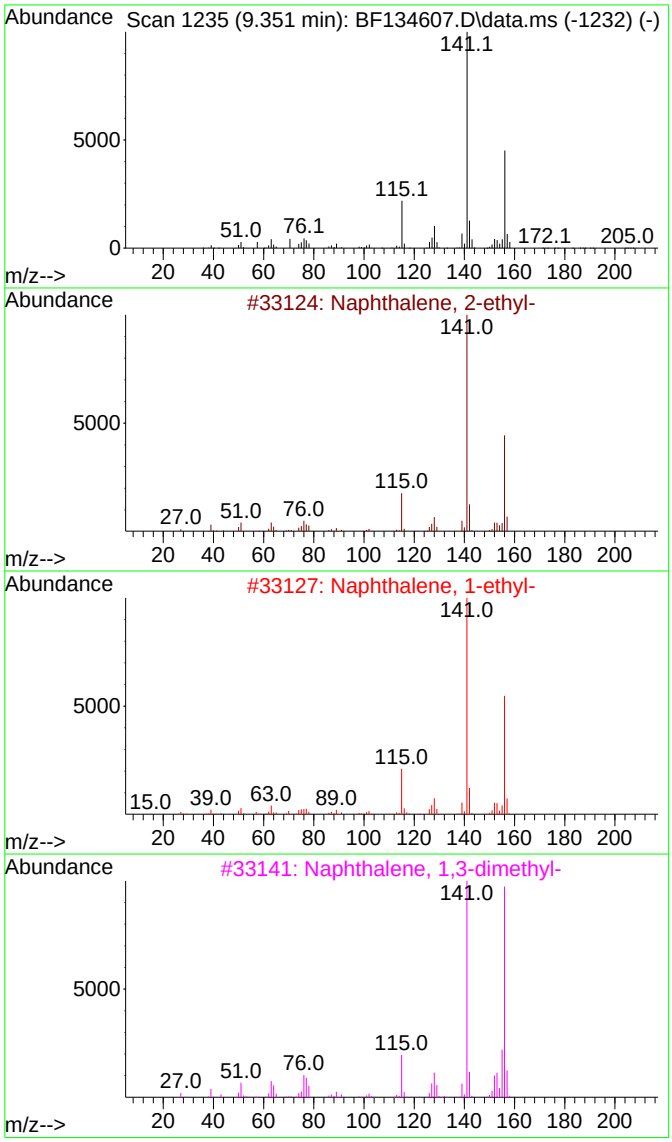
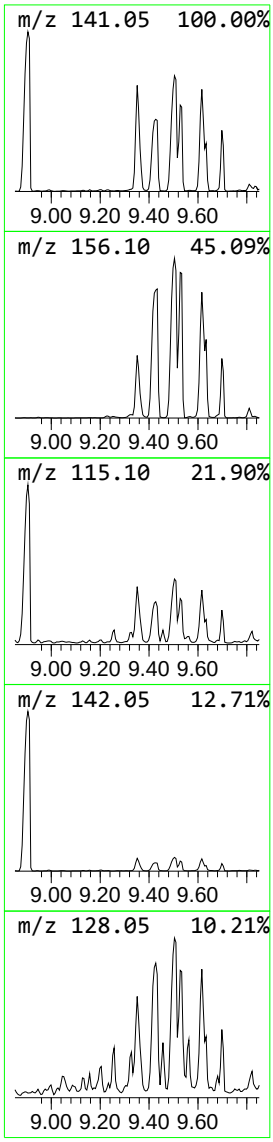
Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	30.15 ng	5204120	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	86
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





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Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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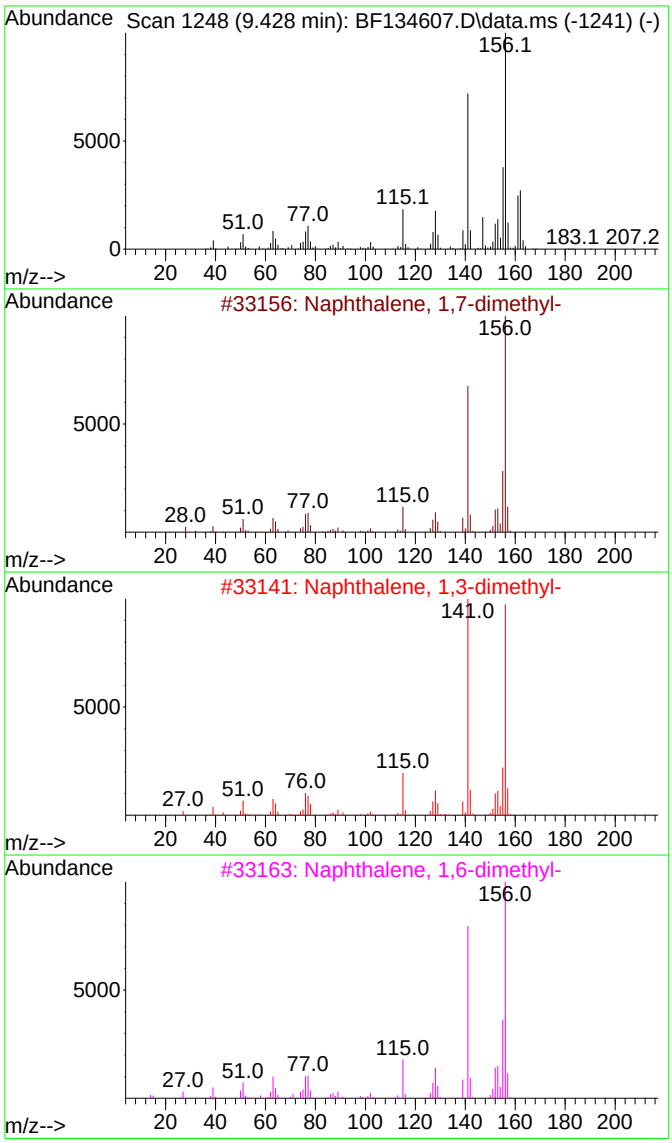
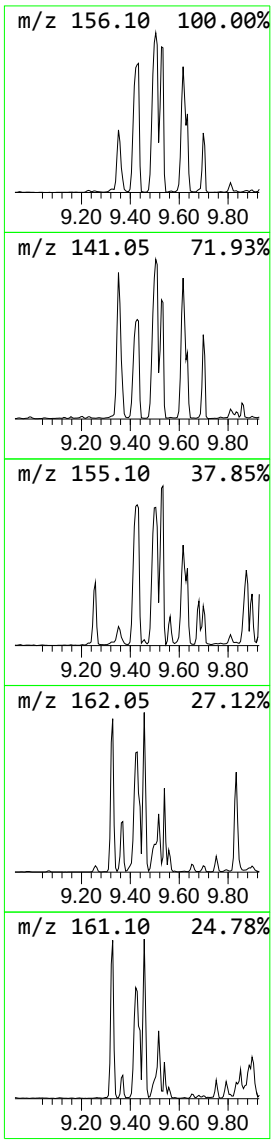
Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	57.61 ng	9943770	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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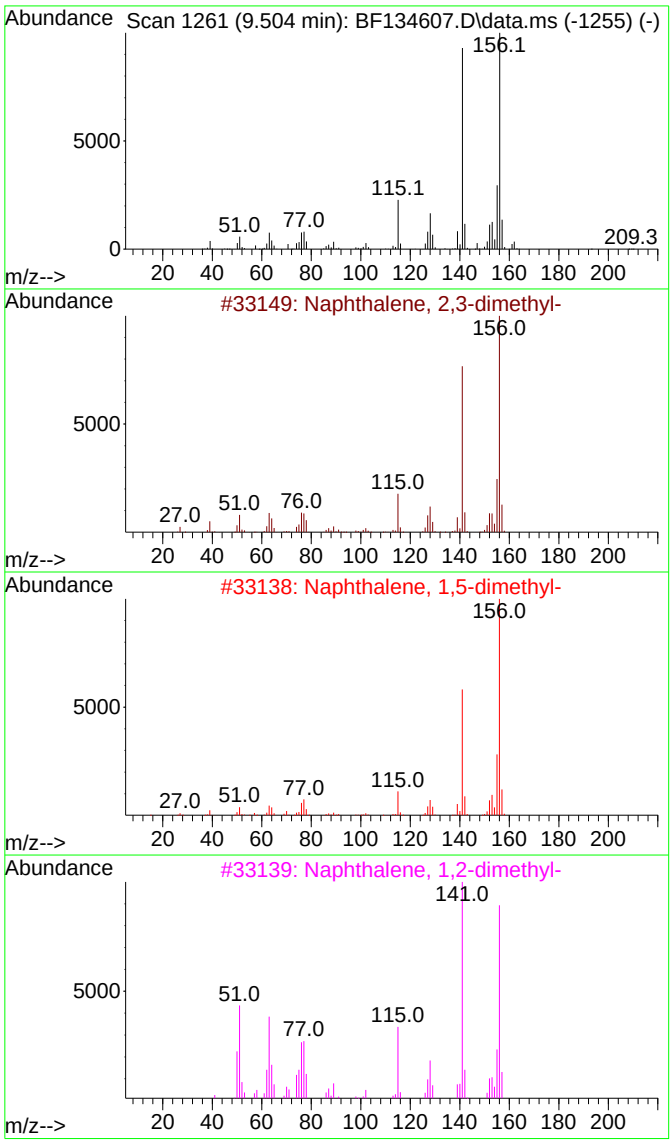
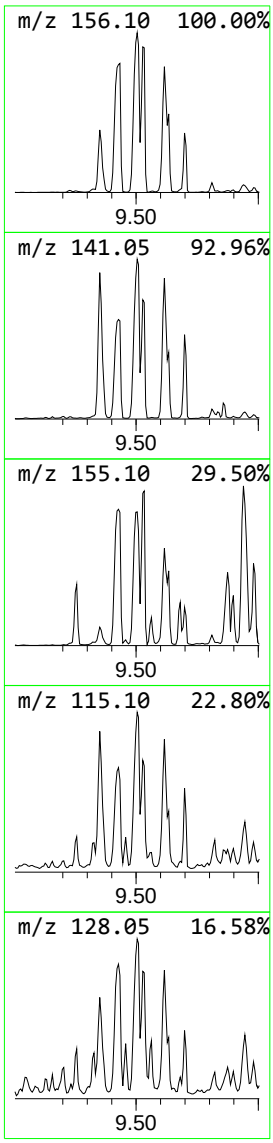
Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.504	59.24 ng	10223700	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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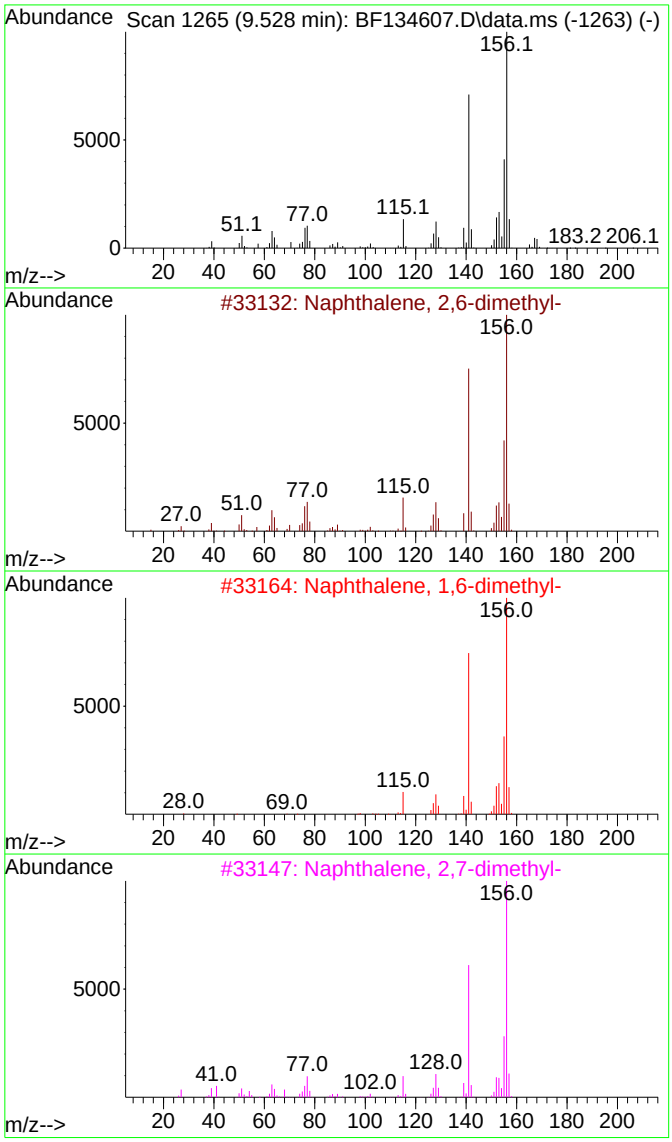
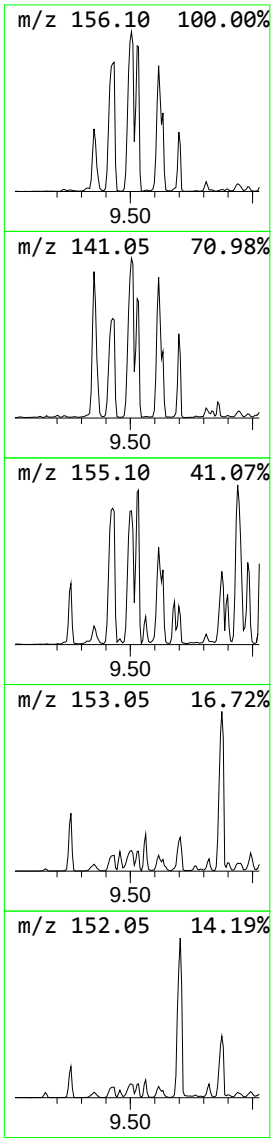
Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	34.09 ng	5883720	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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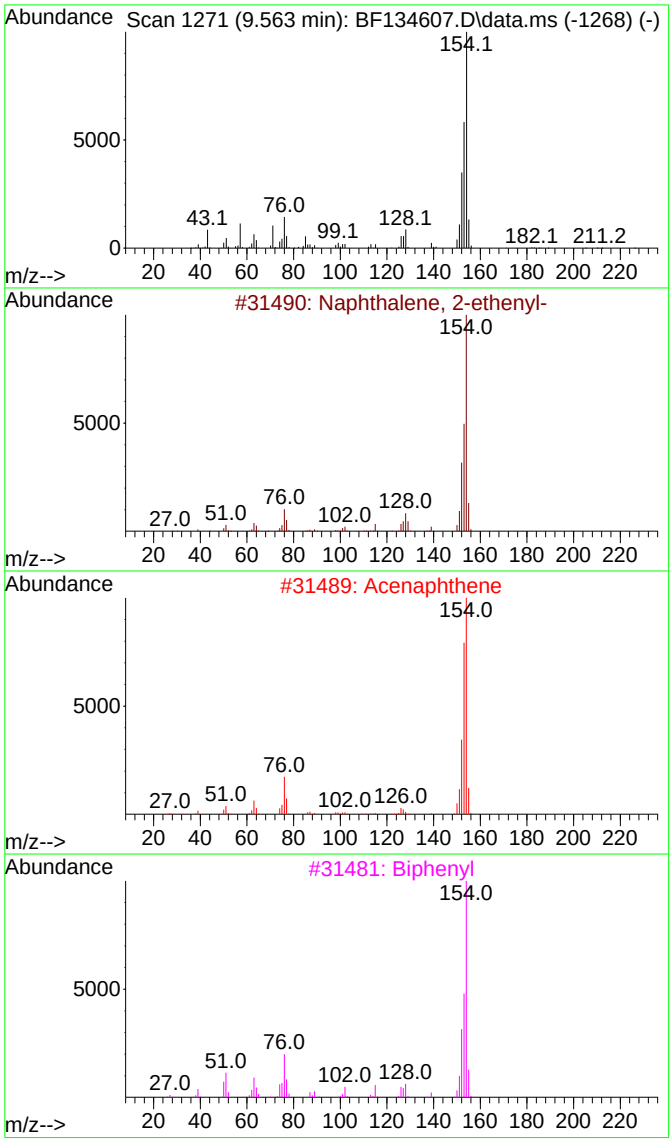
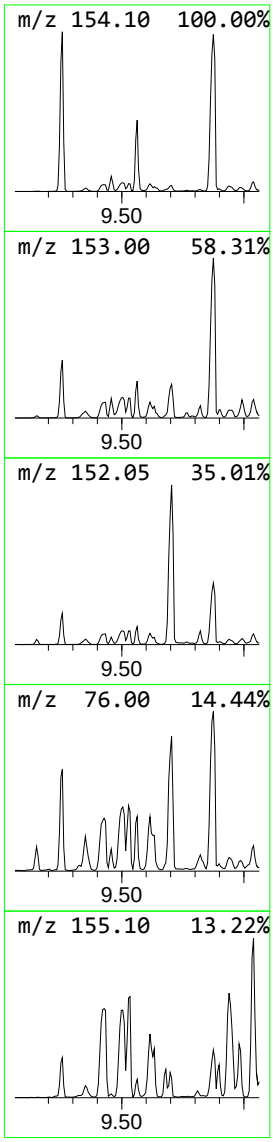
Peak Number 7 Naphthalene, 2-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.563	13.57 ng	2342430	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2	Acenaphthene	154	C12H10	000083-32-9	93
3	Biphenyl	154	C12H10	000092-52-4	87
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	50
5	1-Isoquinolinecarbonitrile	154	C10H6N2	001198-30-7	46





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Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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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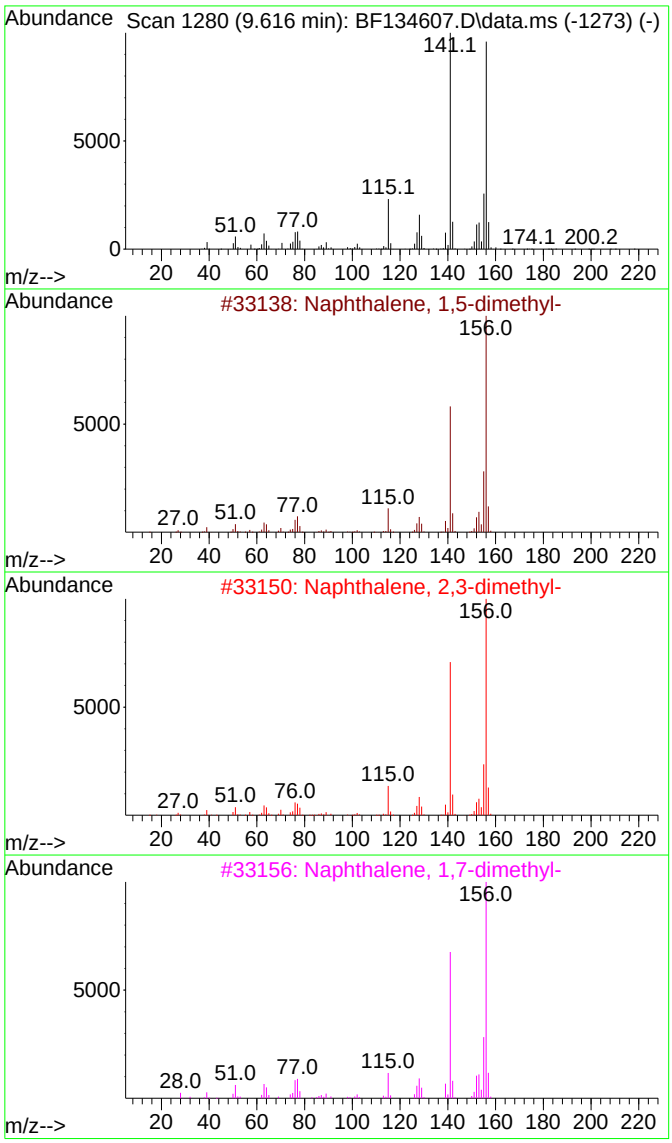
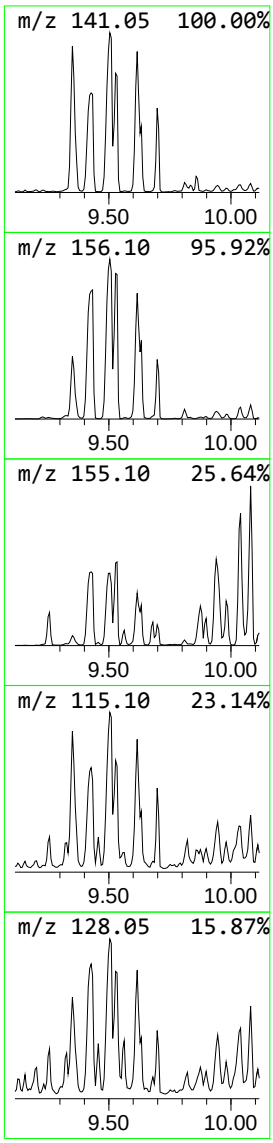
Peak Number 8 Naphthalene, 1,5-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.616	44.60 ng	7698010	Acenaphthene-d10	9.833

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





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Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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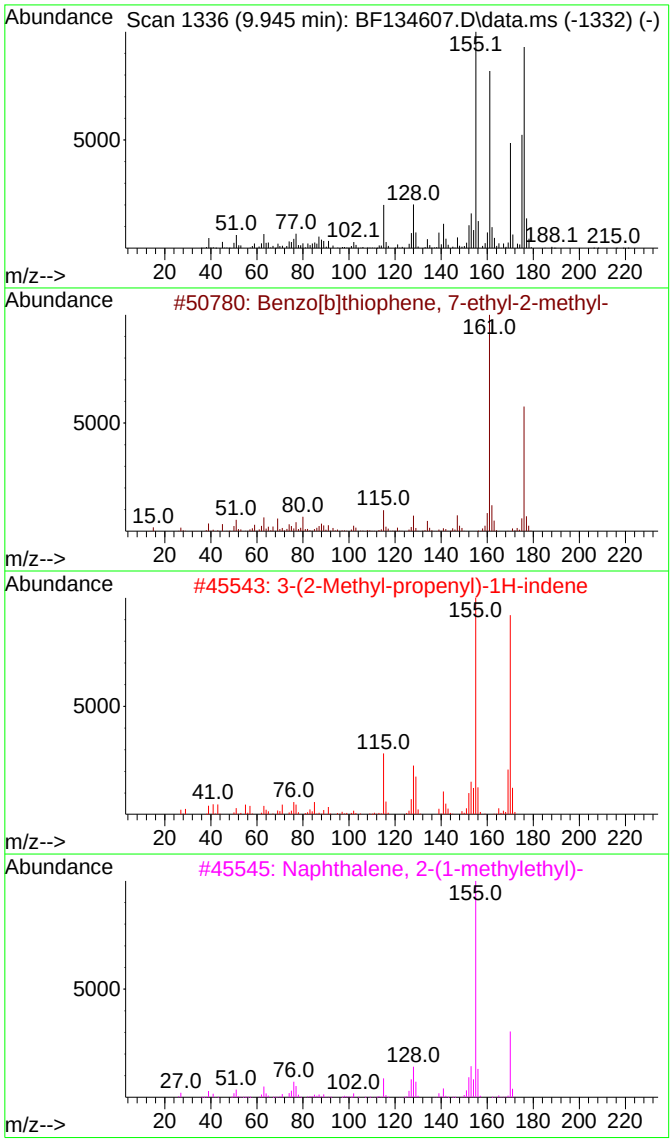
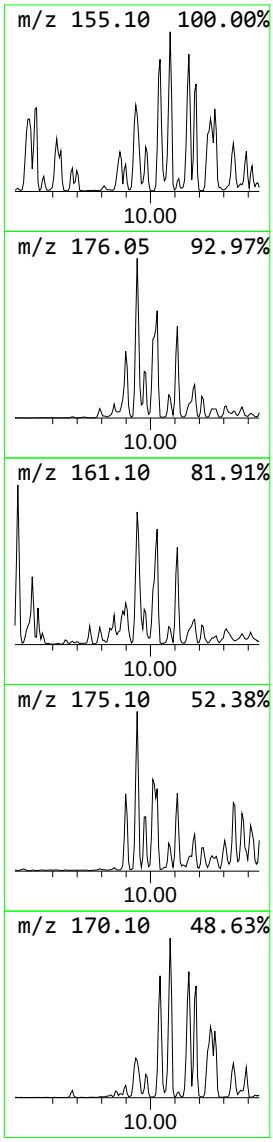
Peak Number 9 Benzo[b]thiophene, 7-ethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	21.69 ng	3743110	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 7-ethyl-2-met...	176	C11H12S	016587-44-3	50
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	42
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	38
4	Benzo[b]thiophene, 2-ethyl-7-met...	176	C11H12S	016587-43-2	38
5	1H-1,3-Benzimidazole-5,6-diamine...	176	C9H12N4	1000319-10-3	38





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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
BUILDING-A-12-(0-5)

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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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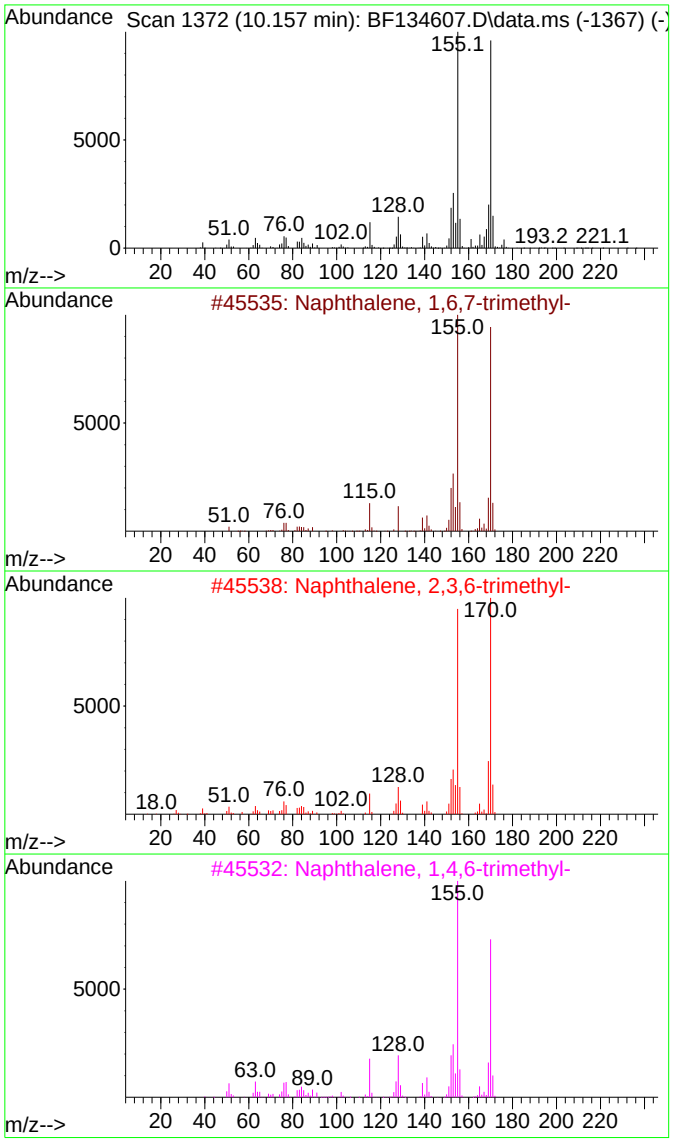
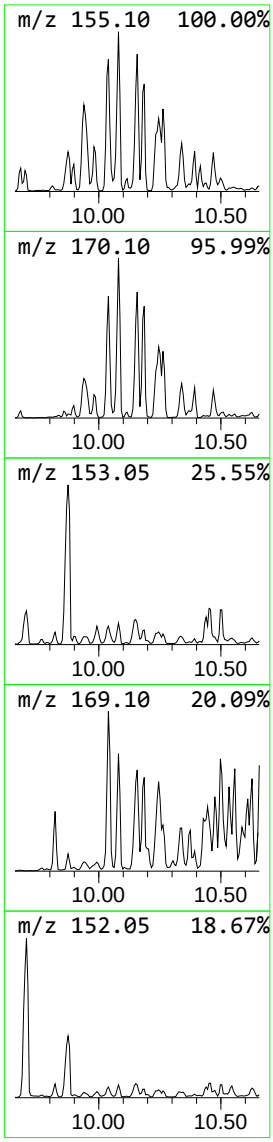
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	29.14 ng	5029760	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
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	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-12-(0-5)

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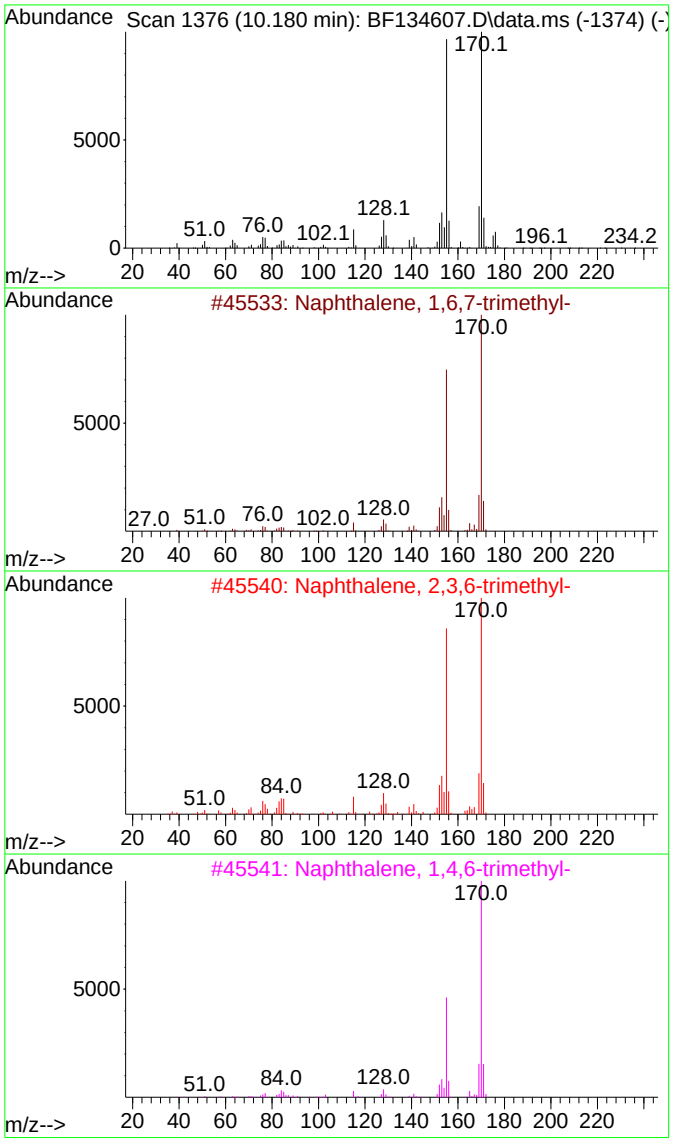
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

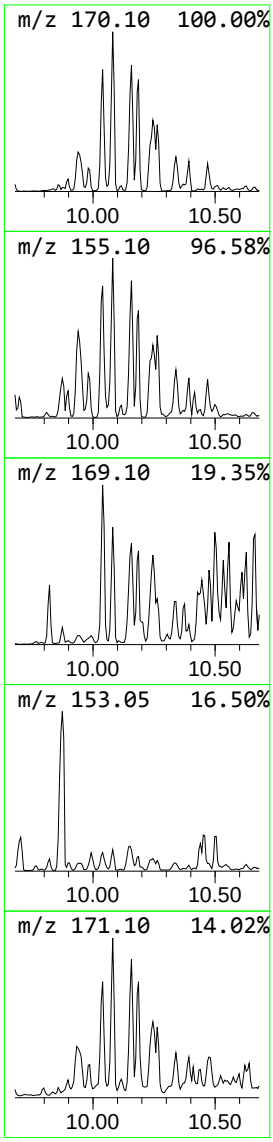
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.181	11.40 ng	1968250	Acenaphthene-d10	9.833

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	94
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81





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Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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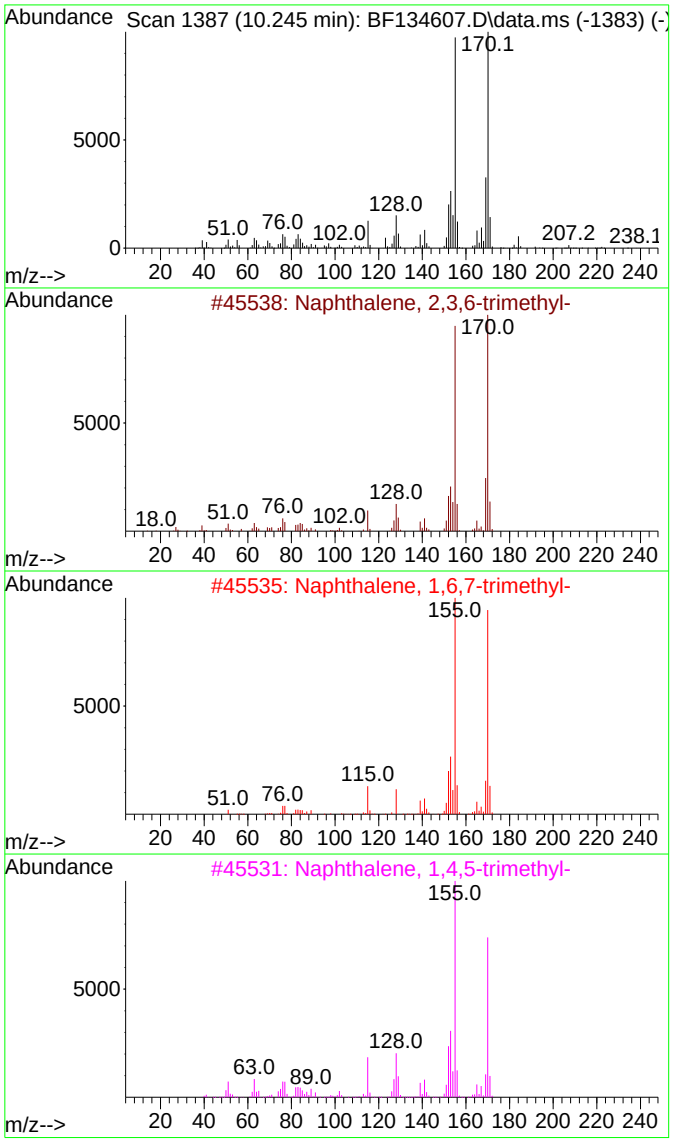
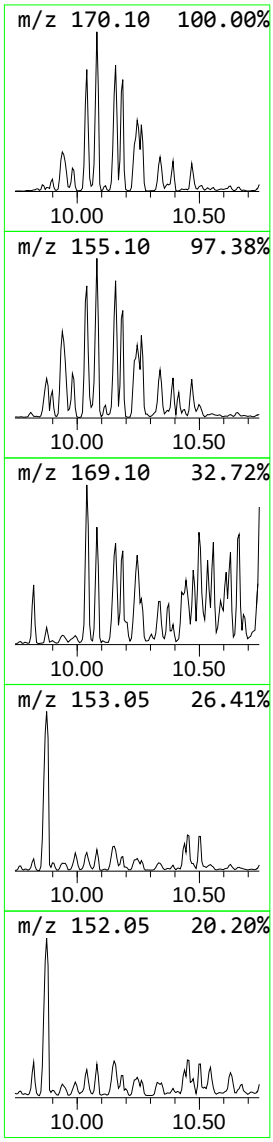
Peak Number 12 Naphthalene, 1,4,5-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	18.58 ng	3206550	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	93





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Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-12-(0-5)

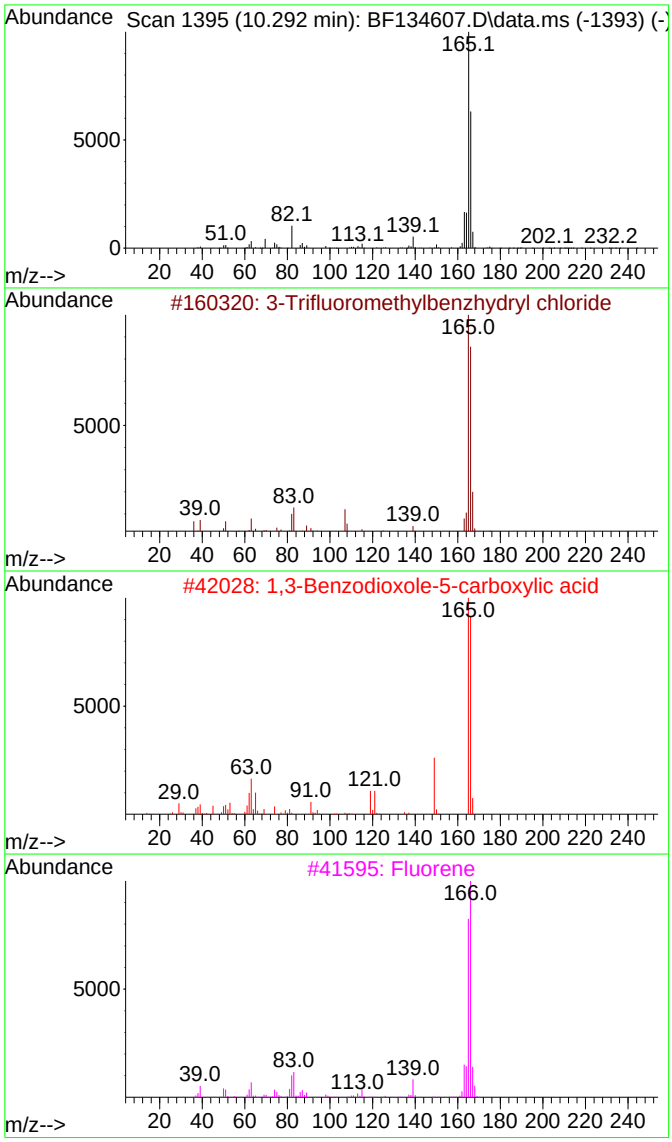
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

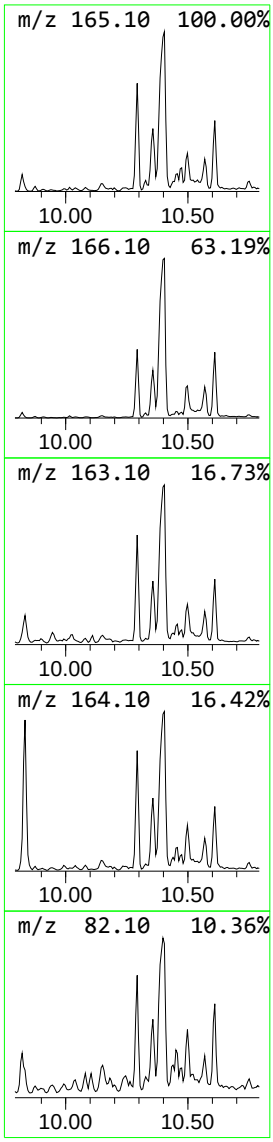
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 3-Trifluoromethylbenzhydryl... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	13.69 ng	2362720	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	78
2	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	59
3	Fluorene	166	C13H10	000086-73-7	52
4	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
5	1H-Phenalene	166	C13H10	000203-80-5	38





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Sample : 03775-02
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-12-(0-5)

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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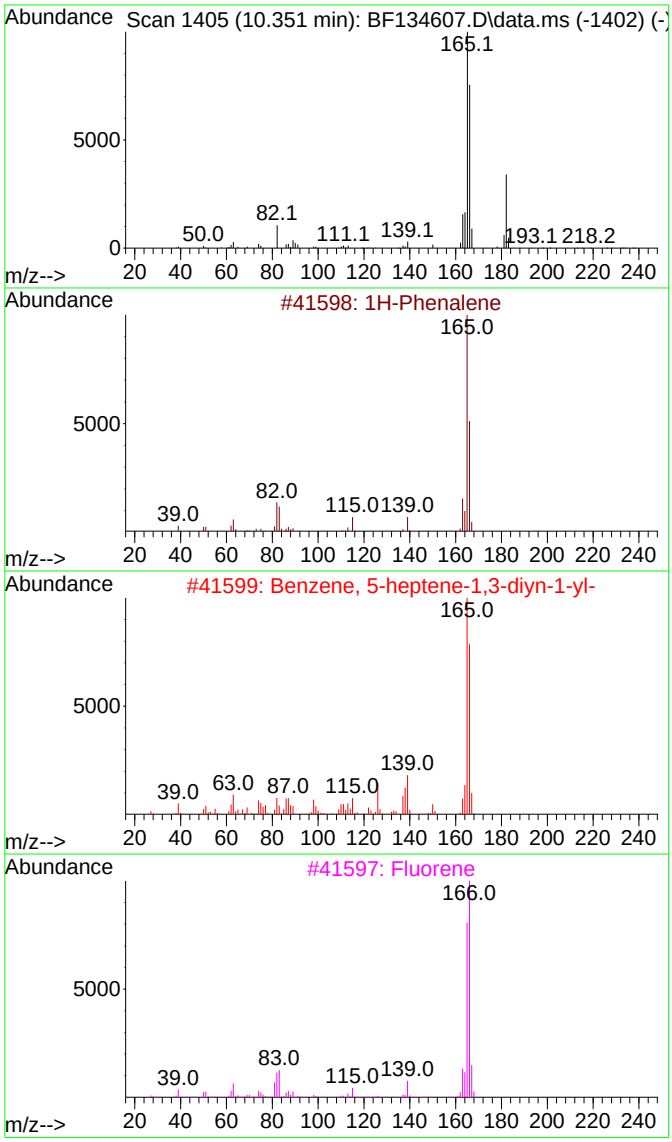
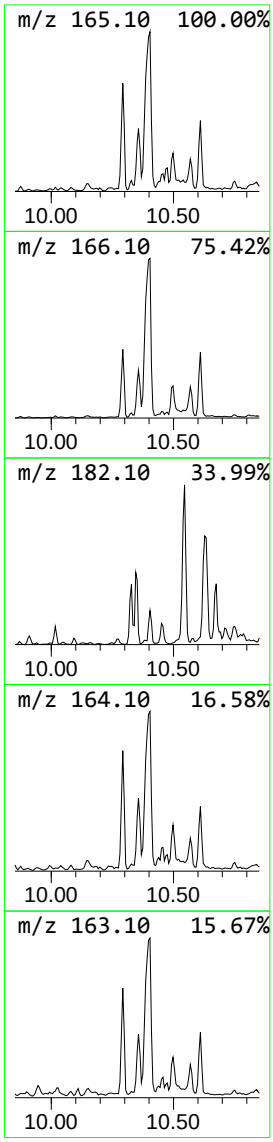
Peak Number 14 1H-Phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.351	12.86 ng	2218870	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	64
2	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	59
3	Fluorene	166	C13H10	000086-73-7	52
4	5-Fluoro-3-methyl-1-benzothiophene	166	C9H7FS	1000298-17-0	42
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	38





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-12-(0-5)

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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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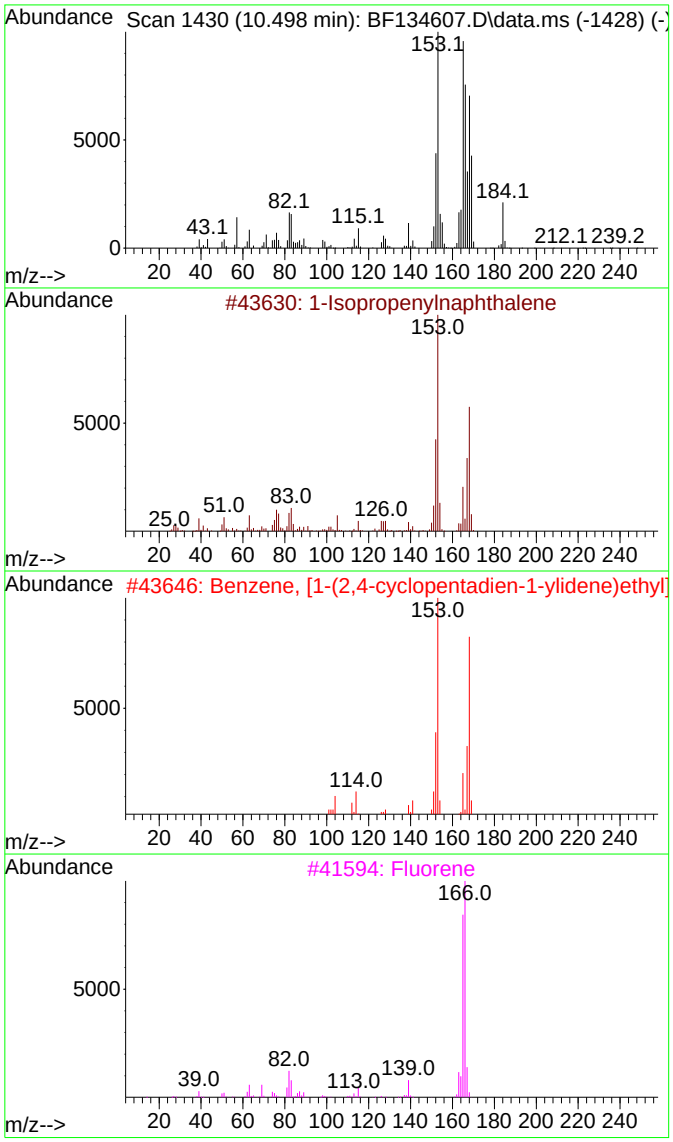
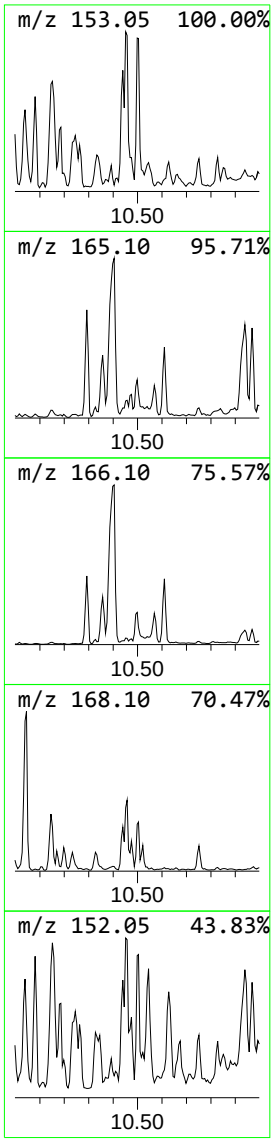
Peak Number 15 unknown10.498 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.498	12.75 ng	2199900	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	46
2	Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	41
3	Fluorene	166	C13H10	000086-73-7	38
4	Benzofuran, 5-chloro-2-methyl-	166	C9H7ClO	042180-82-5	35
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	35





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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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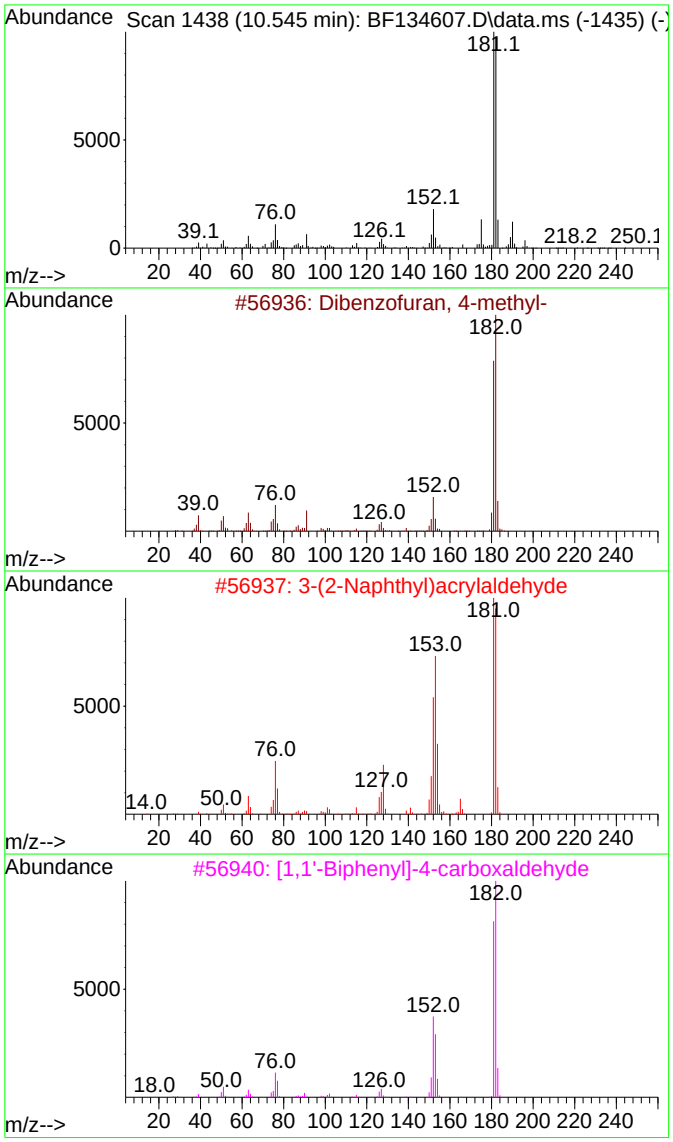
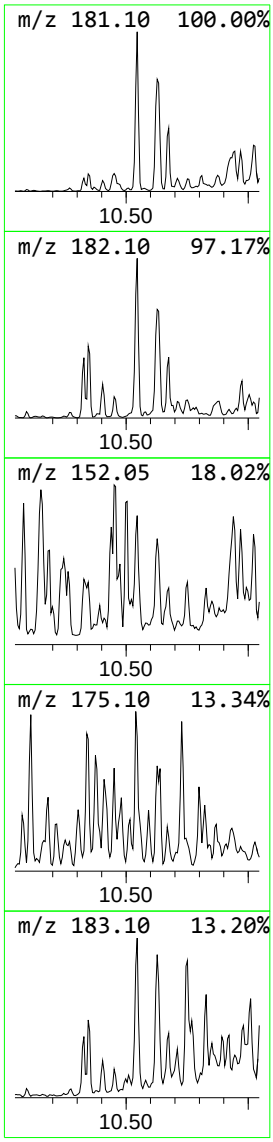
Peak Number 16 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.545	13.86 ng	2391540	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
2	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	80
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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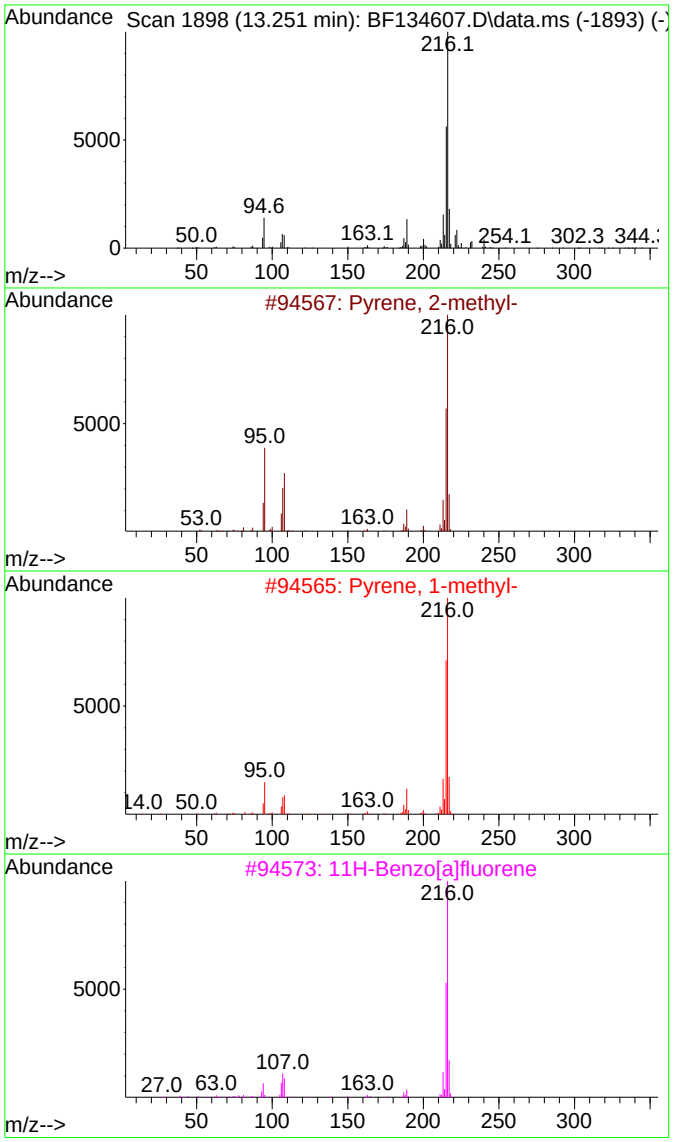
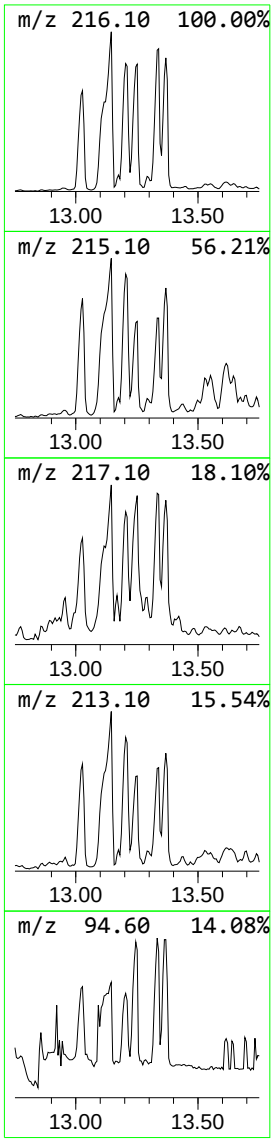
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.251	14.24 ng	8302820	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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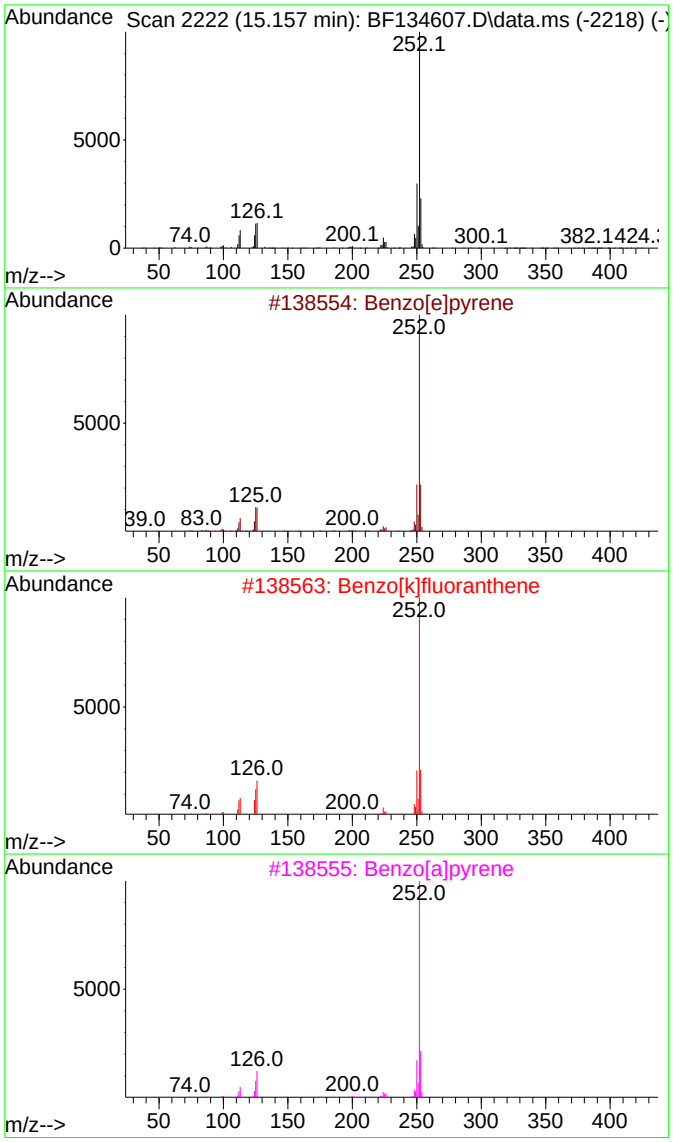
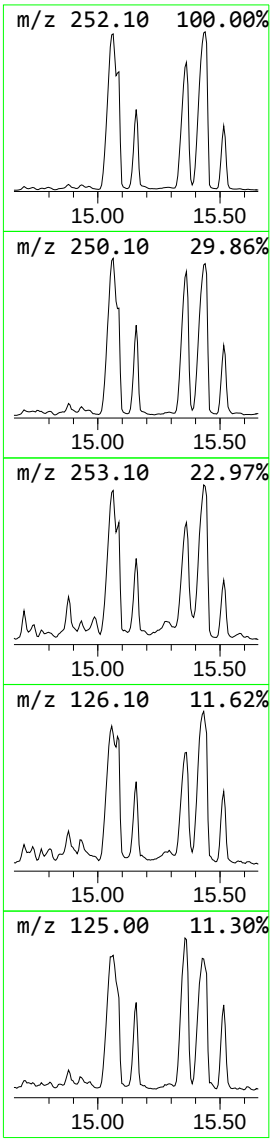
Peak Number 18 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	15.68 ng	2770010	Perylene-d12	15.480

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[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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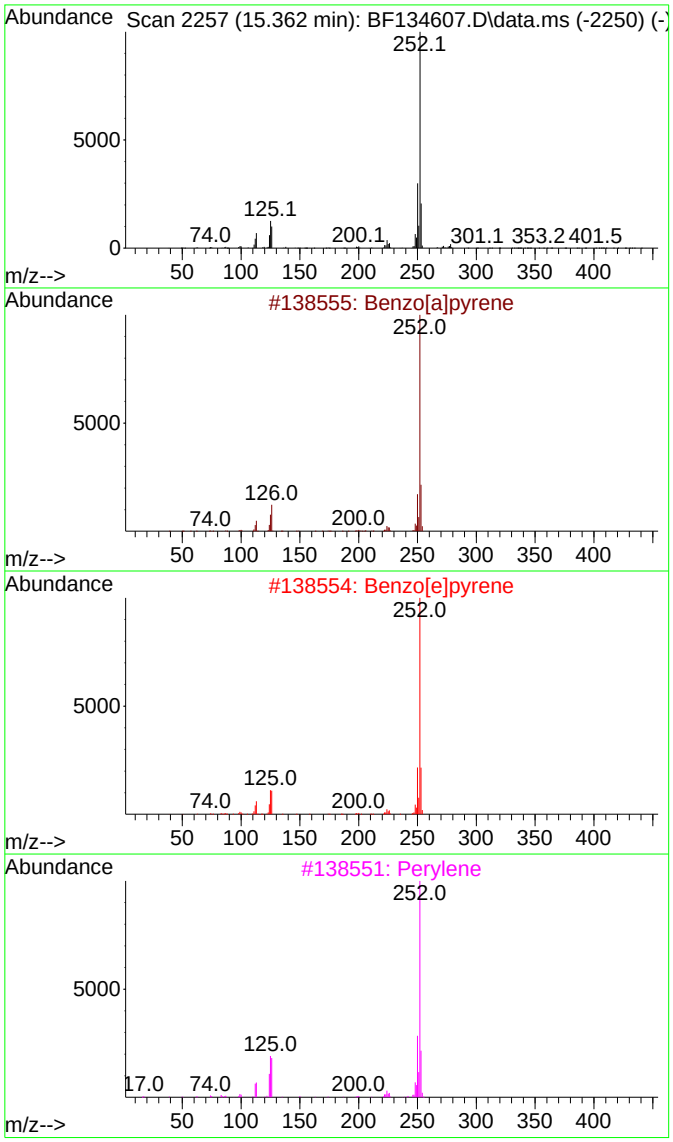
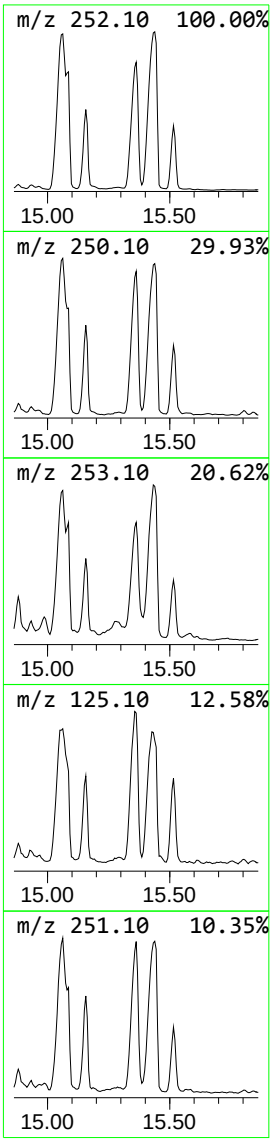
Peak Number 19 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.363	37.26 ng	6582870	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[e]pyrene	252	C20H12	000192-97-2	94
3	Perylene	252	C20H12	000198-55-0	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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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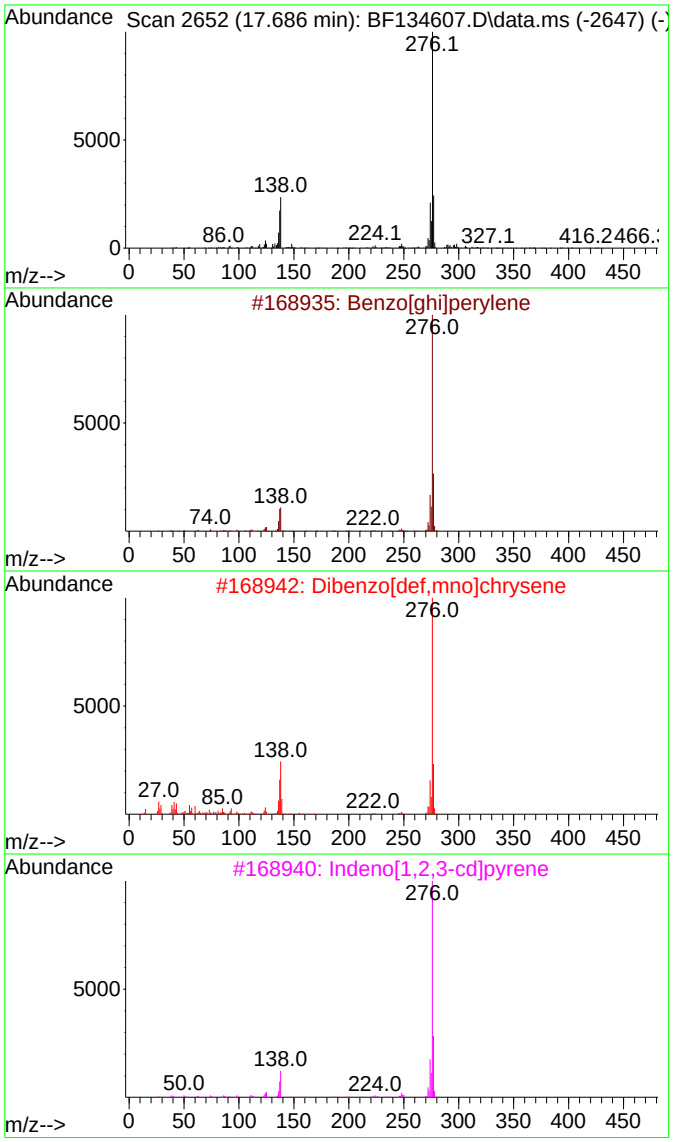
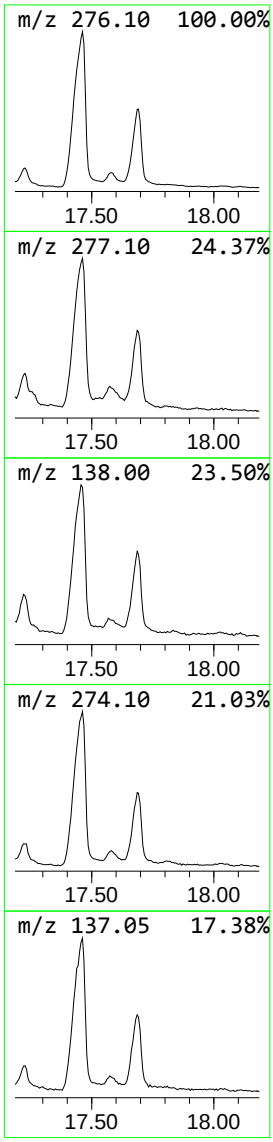
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.686	16.40 ng	2897810	Perylene-d12	15.480

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	89
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134607.D
Acq On : 03 Aug 2023 13:02
Operator : CG\JU
Sample : 03775-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-12-(0-5)

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
Indane	6.975	20.0	ng	1882050	1	6.798	1882050	20.0
Indene	7.057	19.5	ng	1838850	1	6.798	1882050	20.0
Naphthalene, 2-...	9.351	30.1	ng	5204120	3	9.833	3451850	20.0
Naphthalene, 1,...	9.428	57.6	ng	9943770	3	9.833	3451850	20.0
Naphthalene, 2,...	9.504	59.2	ng	10223700	3	9.833	3451850	20.0
Naphthalene, 2,...	9.528	34.1	ng	5883720	3	9.833	3451850	20.0
Naphthalene, 2-...	9.563	13.6	ng	2342430	3	9.833	3451850	20.0
Naphthalene, 1,...	9.616	44.6	ng	7698010	3	9.833	3451850	20.0
Benzo[b]thiophe...	9.945	21.7	ng	3743110	3	9.833	3451850	20.0
Naphthalene, 1,...	10.157	29.1	ng	5029760	3	9.833	3451850	20.0
Naphthalene, 2,...	10.181	11.4	ng	1968250	3	9.833	3451850	20.0
Naphthalene, 1,...	10.245	18.6	ng	3206550	3	9.833	3451850	20.0
3-Trifluorometh...	10.292	13.7	ng	2362720	3	9.833	3451850	20.0
1H-Phenalene	10.351	12.9	ng	2218870	3	9.833	3451850	20.0
unknown10.498	10.498	12.8	ng	2199900	3	9.833	3451850	20.0
Dibenzofuran, 4...	10.545	13.9	ng	2391540	3	9.833	3451850	20.0
Pyrene, 2-methyl-	13.251	14.2	ng	8302820	5	14.010	11657700	20.0
Benzo[e]pyrene	15.157	15.7	ng	2770010	6	15.480	3533120	20.0
Perylene	15.363	37.3	ng	6582870	6	15.480	3533120	20.0
Dibenzo[def,mno...	17.686	16.4	ng	2897810	6	15.480	3533120	20.0