LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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: BF134610.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.869	290	303	307	rBV	7101209	14666600	18.08%	1.459%
2	5.316	539	549	551	rBV	8443501	19384047	23.89%	1.928%
3	5.416	559	566	568	rBV	7924477	15719131	19.38%	1.563%
4	5.669	599	609	613	rVV3	7749274	15109400	18.62%	1.503%
5	6.334	718	722	724	rVV	4040260	3928701	4.84%	0.391%
6	6.363	724	727	731	rVB	5303151	5364334	6.61%	0.534%
7	6.410	731	735	737	rBV	4622929	4632581	5.71%	0.461%
8	6.440	737	740	745	rVB2	2410717	3005025	3.70%	0.299%
9	6.651	769	776	779	rVV2	8040824	17126438	21.11%	1.703%
10	6.687	779	782	785	rVB	5107160	4086801	5.04%	0.406%
11	6.863	809	812	815	rVV	3810615	3866864	4.77%	0.385%
12	6.904	815	819	825	rVB	3379902	4032454	4.97%	0.401%
13	6.987	829	833	837	rVB	3400927	3696549	4.56%	0.368%
14	7.104	837	853	855	rBV	8512527	25572309	31.52%	2.543%
15	7.416	901	906	910	rVV2	3532730	4291399	5.29%	0.427%
16	7.557	927	930	935	rBV2	1775899	2978173	3.67%	0.296%
17	7.640	941	944	947	rBV	2262442	2487326	3.07%	0.247%
18	7.845	970	979	982	rBV3	6996296	15065366	18.57%	1.498%
19	7.887	982	986	995	rVV	6096990	14110590	17.39%	1.403%
20	8.216	1016	1042	1044	rBV	13522300	81124544	100.00%	8.068%
21	8.234	1044	1045	1047	rVB	7362389	4668505	5.75%	0.464%
22	8.757	1130	1134	1138	rVV	2844303	5220643	6.44%	0.519%
23	8.863	1138	1152	1154	rVV	10591598	37404733	46.11%	3.720%
24	8.886	1154	1156	1158	rVV	4198946	3824680	4.71%	0.380%
25	8.963	1158	1169	1172	rVB	9868903	29476387	36.33%	2.932%
26	9.163	1200	1203	1208	rVB	3506844	3094031	3.81%	0.308%
27	9.281	1214	1223	1226	rBV	7715038	14320485	17.65%	1.424%
28	9.345	1230	1234	1235	rBV	3741413	4040720	4.98%	0.402%
29	9.369	1235	1238	1243	rVB2	6402717	9820359	12.11%	0.977%
30	9.457	1243	1253	1255	rBV2	7520296	17924802	22.10%	1.783%
31	9.481	1255	1257	1259	rVB	5132039	3869025	4.77%	0.385%
32	9.534	1259	1266	1268	rBV4	6709893	16919529	20.86%	1.683%
33	9.557	1268	1270	1273	rVV3	6801257	8099019	9.98%	0.805%
34	9.586	1273	1275	1278	rVB	7015003	6874296	8.47%	0.684%
35	9.639	1278	1284	1293	rBV2	6813518	13397845	16.52%	1.332%
36	9.733	1293	1300	1304	rBV3	7758104	16675317	20.56%	1.658%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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	9.851	1313	1320	1322	rBV	6750015	8102178	9.99%	0.806%
38	9.898	1322	1328	1331	rBV2	7344634	15477145	19.08%	1.539%
39	9.957	1335	1338	1342	rVB2	3551693	4538574	5.59%	0.451%
40	10.004	1342	1346	1348	rBV3	2229814	2751814	3.39%	0.274%
41	10.063	1352	1356	1359	rVV3	6334270	10614869	13.08%	1.056%
42	10.098	1359	1362	1364	rVB	5187326	4496648	5.54%	0.447%
43	10.169	1369	1374	1377	rBV3	5362086	8656787	10.67%	0.861%
44	10.198	1377	1379	1385	rVB2	4563090	4440645	5.47%	0.442%
45	10.257	1385	1389	1391	rBV3	3144581	4855306	5.99%	0.483%
46	10.310	1394	1398	1401	rVB2	5564664	6318531	7.79%	0.628%
47	10.375	1401	1409	1411	rBV4	4197044	8800033	10.85%	0.875%
48	10.439	1411	1420	1422	rVV2	6989251	19426332	23.95%	1.932%
49	10.463	1422	1424	1425	rVV	3105493	2617459	3.23%	0.260%
50	10.481	1425	1427	1428	rVV2	3594382	3178230	3.92%	0.316%
51	10.498	1428	1430	1432	rVV3	4518117	4289124	5.29%	0.427%
52	10.522	1432	1434	1436	rVV	4233309	4004738	4.94%	0.398%
53	10.569	1439	1442	1444	rVV	4601898	5800934	7.15%	0.577%
54	10.592	1444	1446	1449	rVB	3144416	2724382	3.36%	0.271%
55	10.633	1449	1453	1459	rBV2	5340872	12203840	15.04%	1.214%
56	10.763	1471	1475	1482	rVB4	4196813	5714282	7.04%	0.568%
57	10.957	1501	1508	1511	rBV2	5006117	9610999	11.85%	0.956%
58	10.986	1511	1513	1516	rVB2	3600429	3053047	3.76%	0.304%
59	11.039	1518	1522	1525	rBV2	3659875	4224838	5.21%	0.420%
60	11.204	1546	1550	1553	rBV2	2375920	3277291	4.04%	0.326%
61	11.263	1553	1560	1569	rVB	6644331	18019817	22.21%	1.792%
62	11.469	1573	1595	1596	rBV	12181702	61232449	75.48%	6.090%
63	11.504	1596	1601	1604	rVB2	7704122	13172894	16.24%	1.310%
64	11.616	1613	1620	1623	rBV	4342759	9106090	11.22%	0.906%
65	11.663	1623	1628	1631	rBV2	3078792	5143508	6.34%	0.512%
66	11.710	1631	1636	1639	rVB2	4629541	7274390	8.97%	0.723%
67	11.786	1644	1649	1652	rVB	4180154	6680953	8.24%	0.664%
68	11.886	1658	1666	1669	rBV2	4897629	13680185	16.86%	1.361%
69	11.933	1672	1674	1676	rVB	5836831	4186663	5.16%	0.416%
70	12.022	1676	1689	1691	rBV4	6543279	22350578	27.55%	2.223%
71	12.180	1710	1716	1718	rVV	4257437	7093114	8.74%	0.705%
72	12.210	1718	1721	1724	rVB2	2957107	3196290	3.94%	0.318%
73	12.316	1734	1739	1741	rBV2	2404979	3047590	3.76%	0.303%
74	12.351	1741	1745	1747	rBV	2630196	3021395	3.72%	0.300%
75	12.433	1753	1759	1762	rBV	3940857	8562747	10.56%	0.852%
76	12.645	1783	1795	1796	rBV3	7298967	19955367	24.60%	1.985%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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	12.669	1797	1799	1800	rVB2	8015663	5203068	6.41%	0.517%
78	12.727	1806	1809	1812	rVB	3462113	3404261	4.20%	0.339%
79	12.769	1812	1816	1821	rBV	3198154	4324118	5.33%	0.430%
80	12.892	1823	1837	1838	rBV5	7674180	25431728	31.35%	2.529%
81	12.963	1845	1849	1852	rVB3	3347275	3917123	4.83%	0.390%
82	12.998	1852	1855	1859	rVB3	2257113	3053368	3.76%	0.304%
83	13.063	1859	1866	1868	rBV3	3858681	8023744	9.89%	0.798%
84	13.180	1875	1886	1888	rVB2	4487049	13472833	16.61%	1.340%
85	13.245	1888	1897	1899	rBV2	4081278	9605616	11.84%	0.955%
86	13.286	1899	1904	1908	rVV4	2656974	5373539	6.62%	0.534%
87	13.369	1913	1918	1920	rBV	3312085	4350682	5.36%	0.433%
88	13.398	1920	1923	1929	rVB2	3452212	5077414	6.26%	0.505%
89	13.804	1983	1992	1994	rBV4	3458877	9142949	11.27%	0.909%
90	13.839	1994	1998	2000	rBV2	2260893	2895923	3.57%	0.288%
91	14.051	2023	2034	2036	rBV2	4634189	16740715	20.64%	1.665%
92	14.263	2066	2070	2072	rBV2	1923309	2795049	3.45%	0.278%
93	14.421	2093	2097	2100	rVV2	2950912	4856518	5.99%	0.483%
94	14.610	2125	2129	2134	rVB3	2371084	3475625	4.28%	0.346%
95	14.916	2177	2181	2186	rBV4	1402925	2646427	3.26%	0.263%
96	15.127	2206	2217	2220	rBV2	3792605	13414407	16.54%	1.334%
97	15.215	2227	2232	2236	rVB	3163045	4754520	5.86%	0.473%
98	15.421	2259	2267	2272	rBV	3442136	9538127	11.76%	0.949%
99	15.521	2272	2284	2290	rVB2	4834489	16838228	20.76%	1.675%
100	15.592	2290	2296	2300	rBV2	3314186	6375874	7.86%	0.634%

Sum of corrected areas: 1005492920

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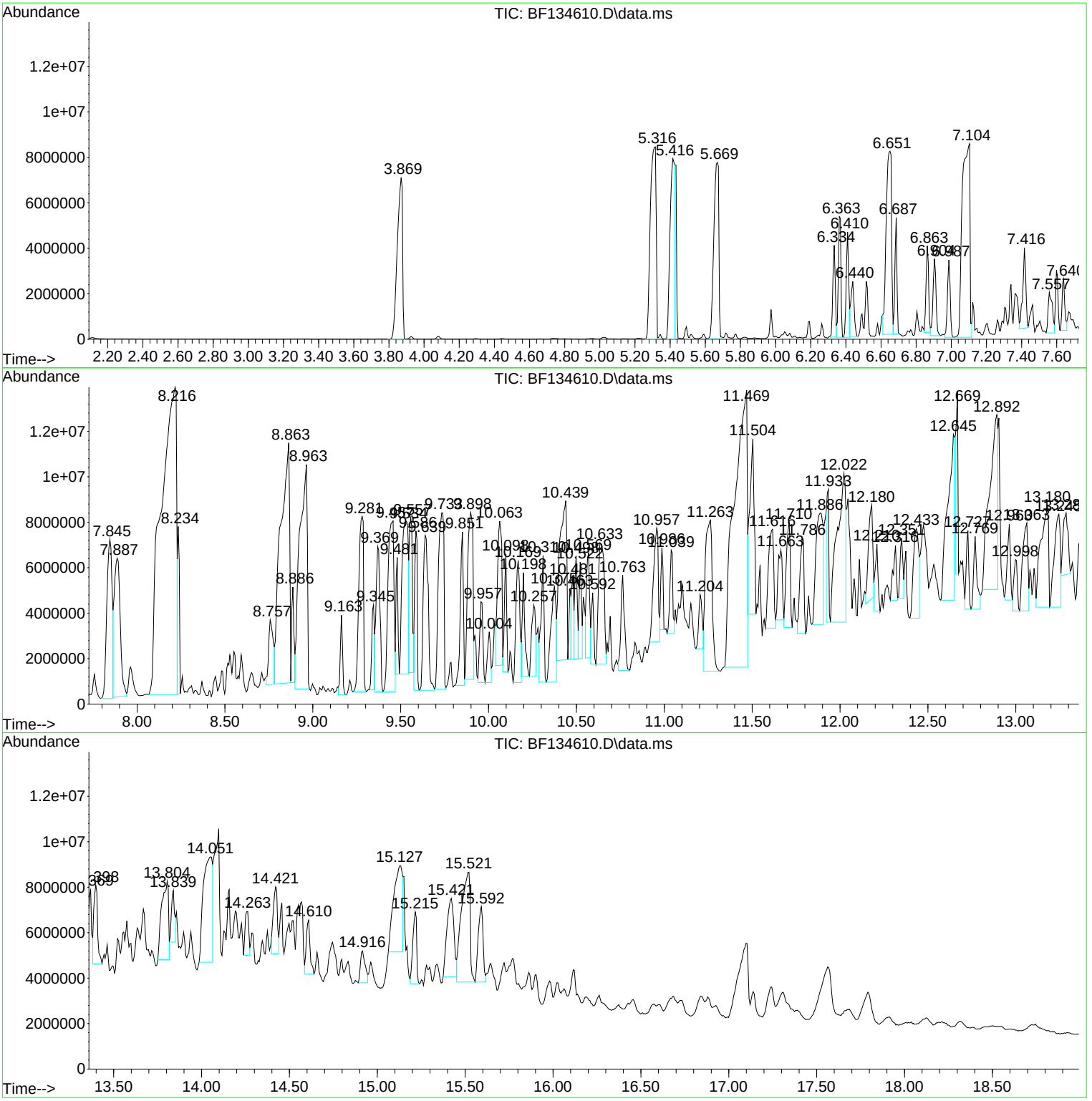
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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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Acq On : 03 Aug 2023 14:06
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Misc :
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Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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

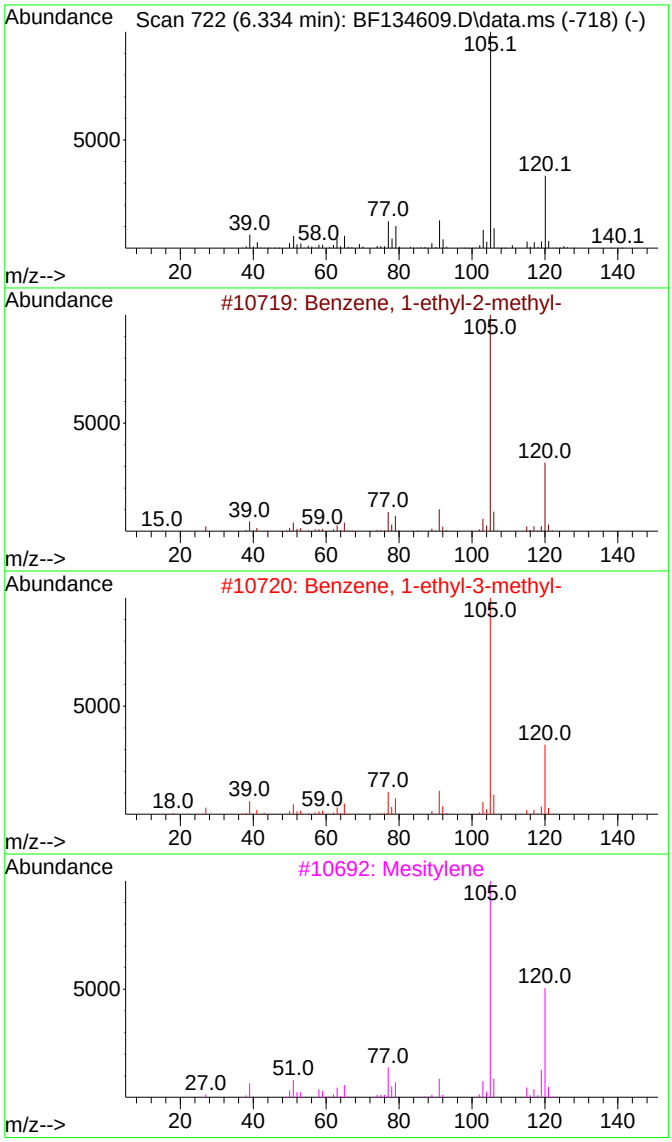
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

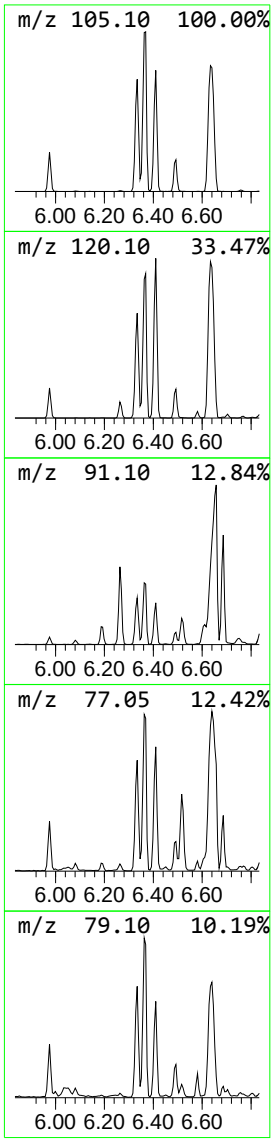
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	20.32 ng	3928700	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
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Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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

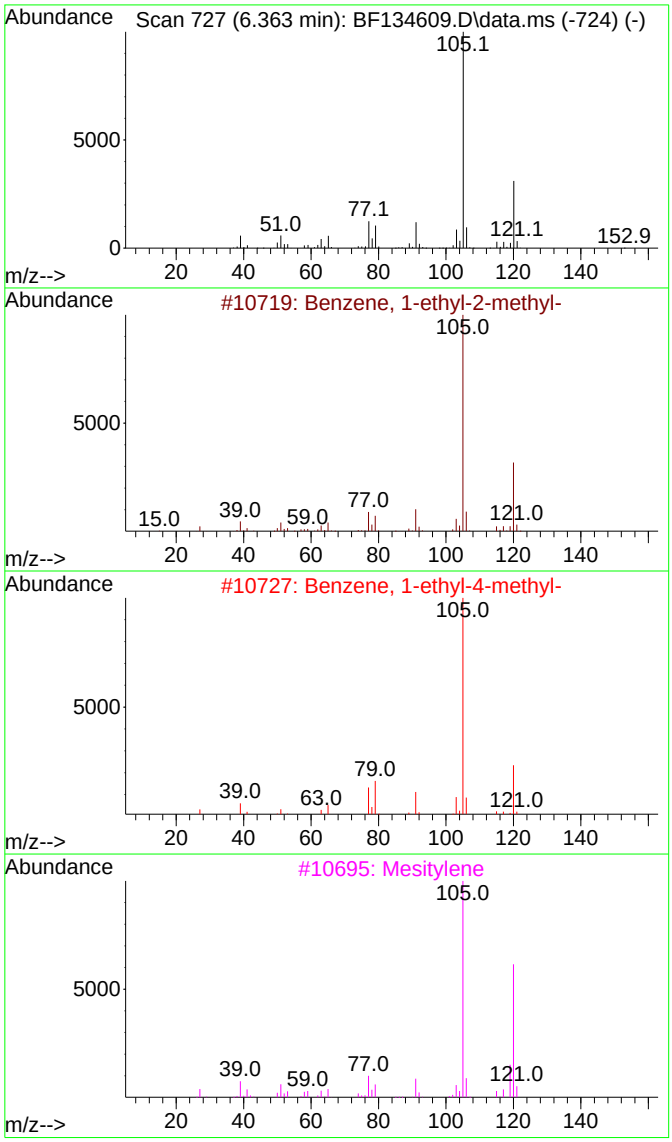
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

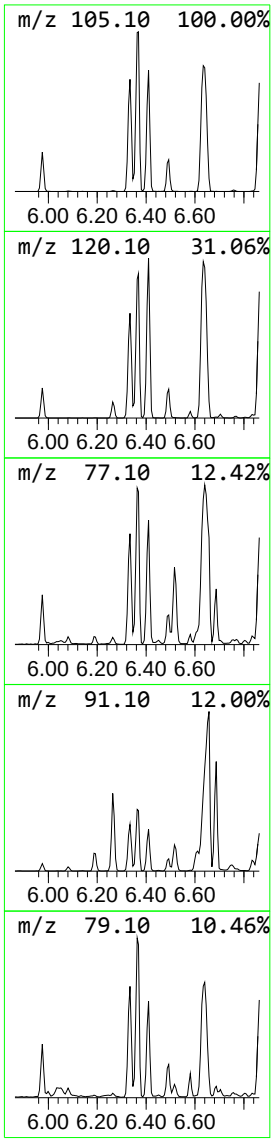
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	27.75 ng	5364330	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
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Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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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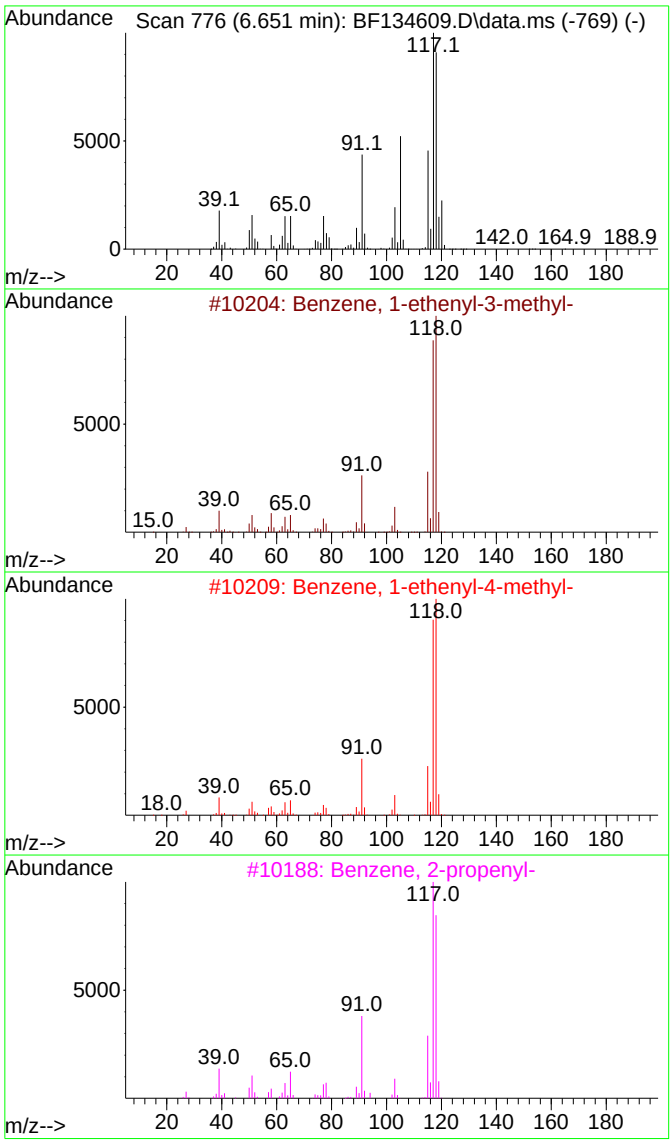
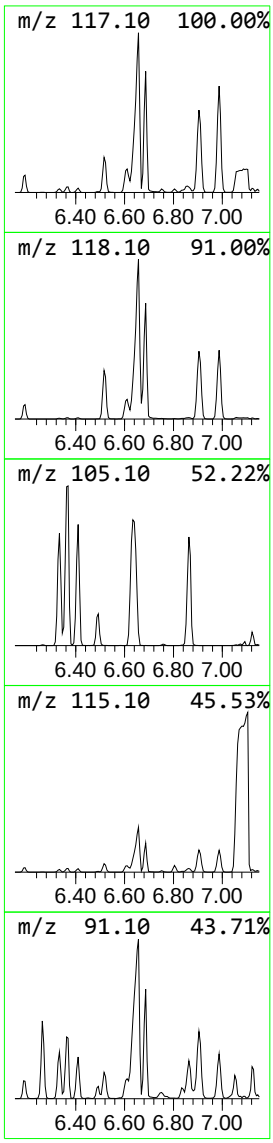
Peak Number 6 Benzene, 1-ethenyl-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	88.58 ng	17126400	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	92
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	86
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70





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Data File : BF134609.D
Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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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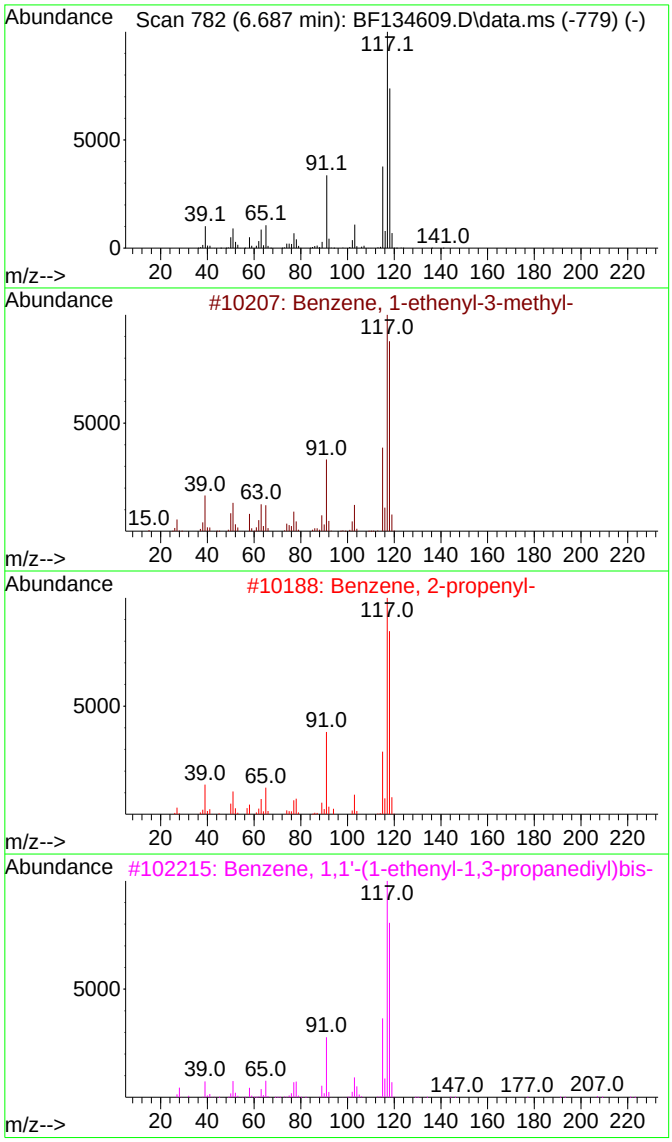
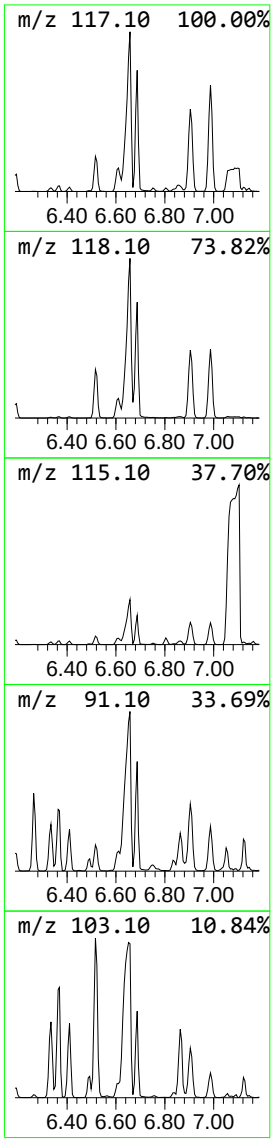
Peak Number 7 Benzene, 2-propenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.687	21.14 ng	4086800	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	90
3	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	90
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
5	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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

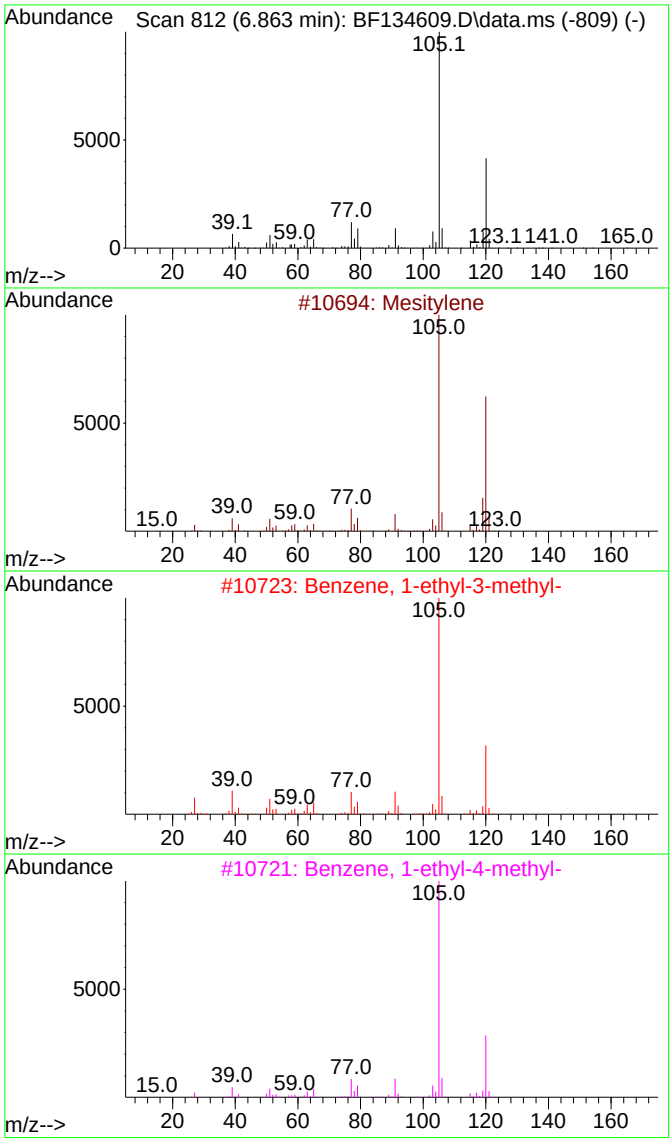
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

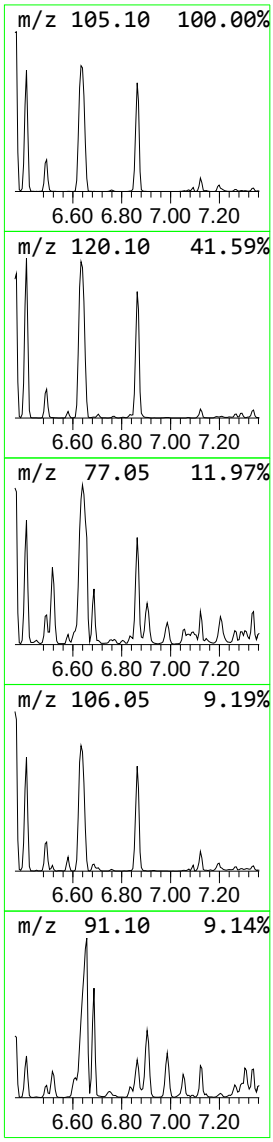
****

Peak Number 8 Mesitylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	20.00 ng	3866860	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91





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Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-6-(5-10)

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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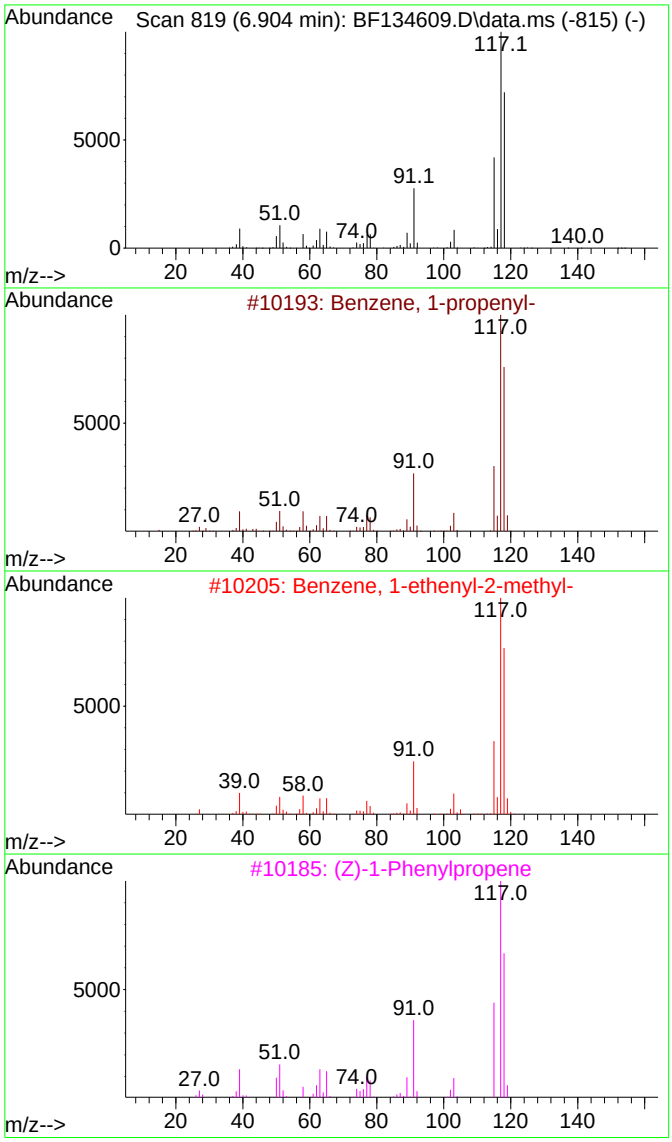
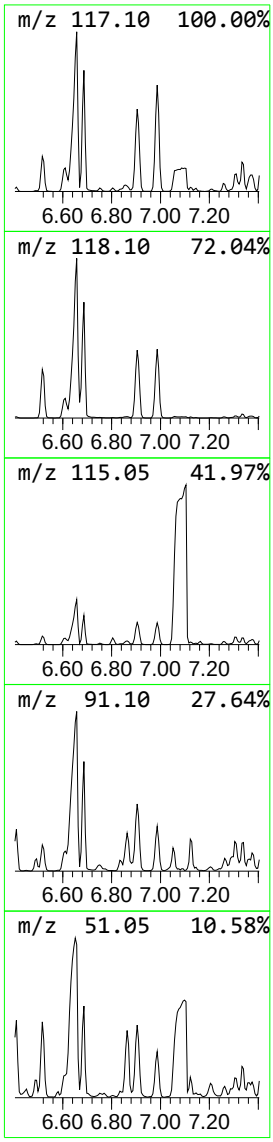
Peak Number 9 Benzene, 1-propenyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.904	20.86 ng	4032450	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	92
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	89
4	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	86
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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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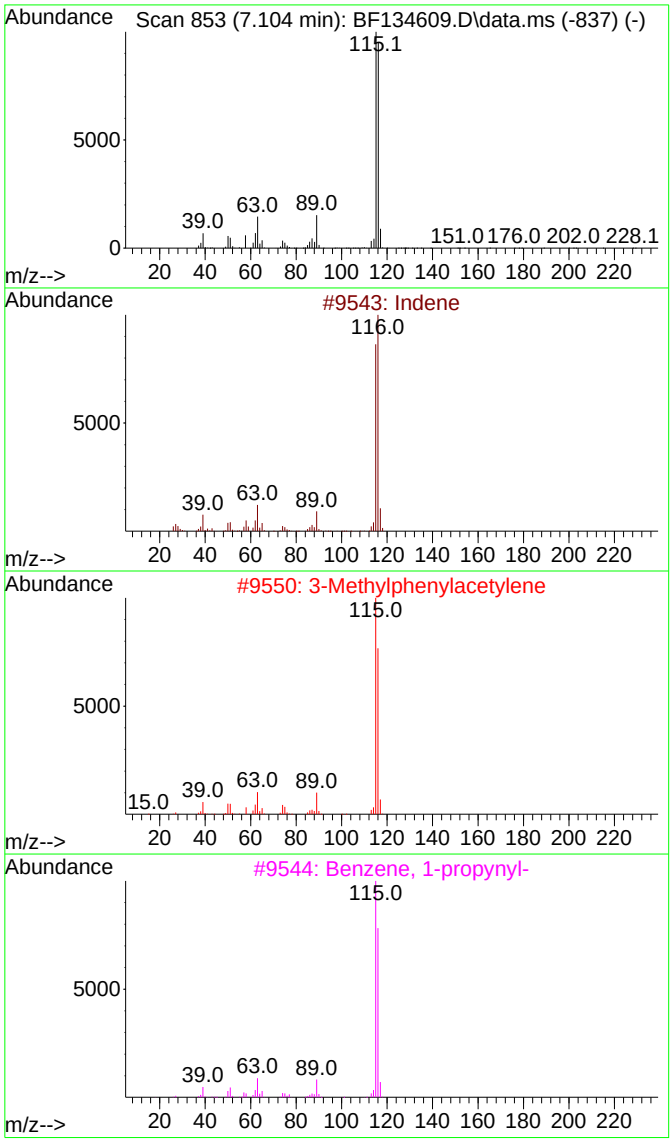
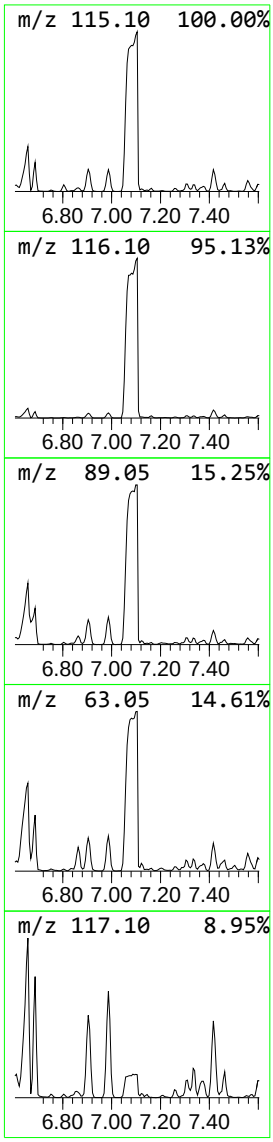
Peak Number 10 Indene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.104	132.26 ng	25572300	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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Misc :
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Instrument :
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ClientSampleId :
BUILDING-A-6-(5-10)

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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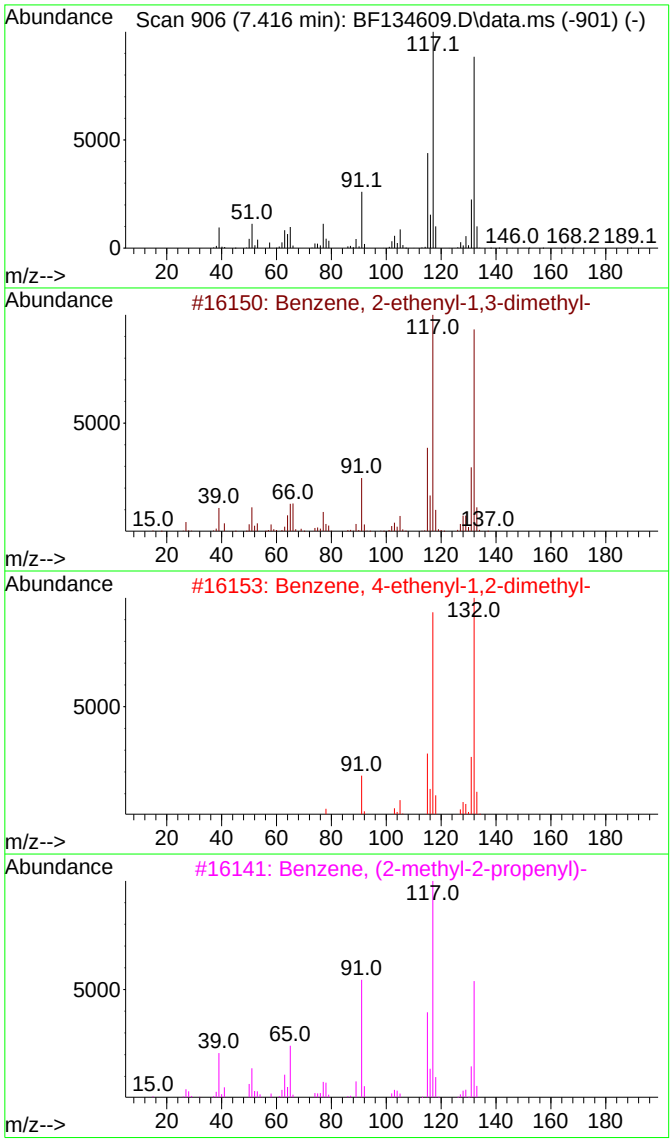
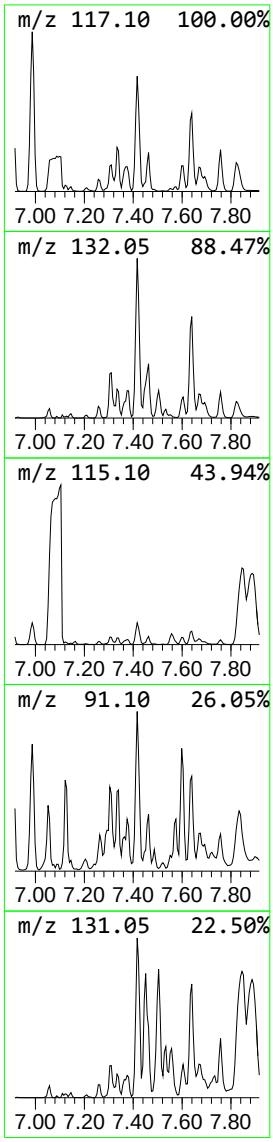
Peak Number 11 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.416	22.20 ng	4291400	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	95
2	Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	94
3	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	94
4	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	94
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	94





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Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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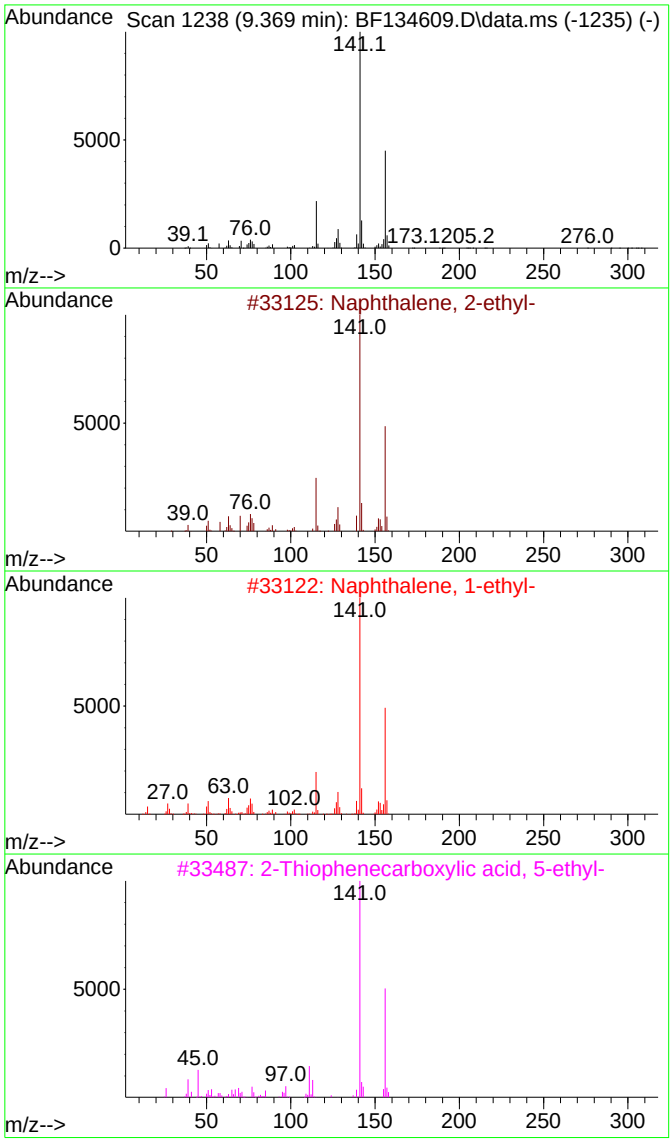
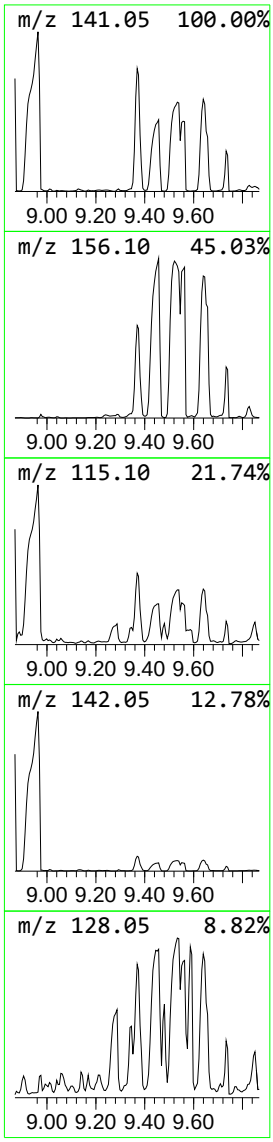
Peak Number 12 Naphthalene, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	24.24 ng	9820360	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	72
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	64
5	3',4'-Difluoroacetophenone	156	C8H6F2O	000369-33-5	64





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Misc :
ALS Vial : 12 Sample Multiplier: 1

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BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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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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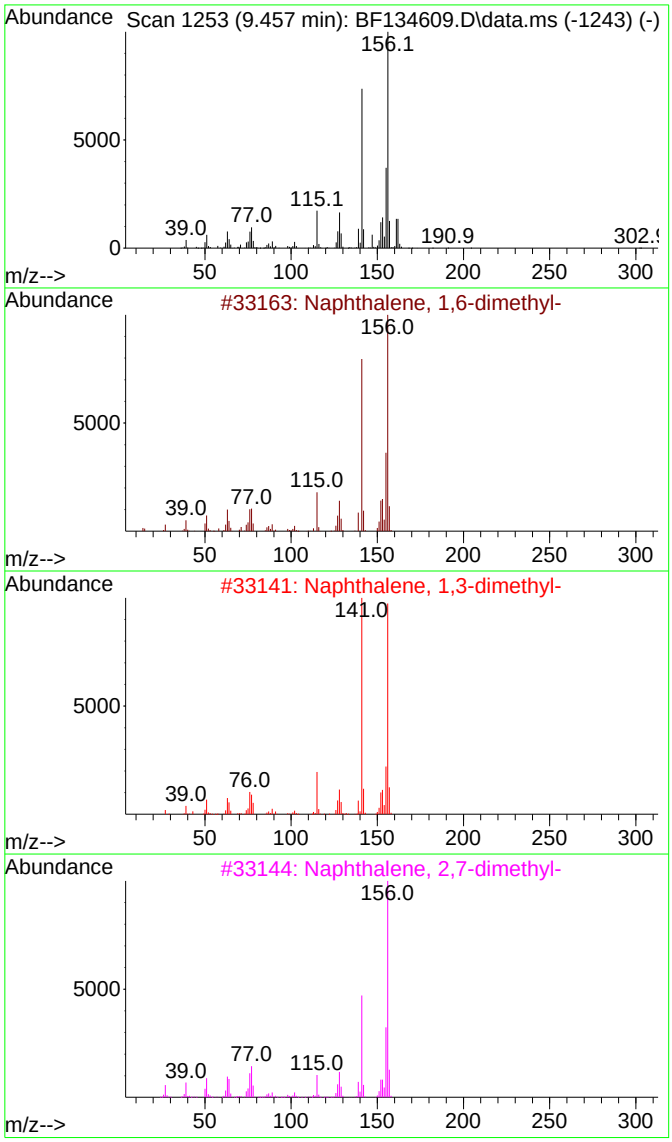
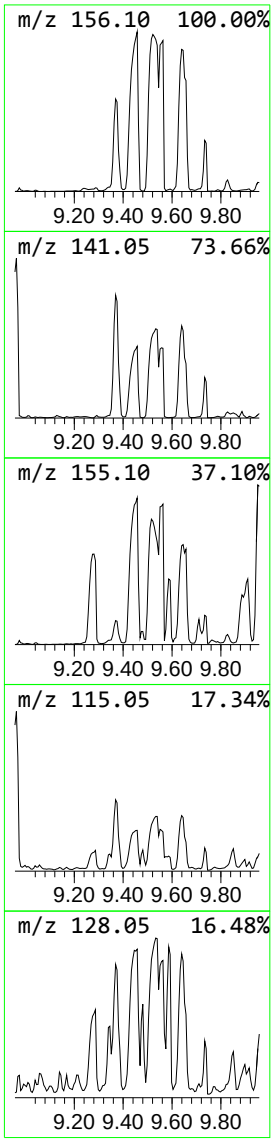
Peak Number 13 Naphthalene, 1,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.457	44.25 ng	17924800	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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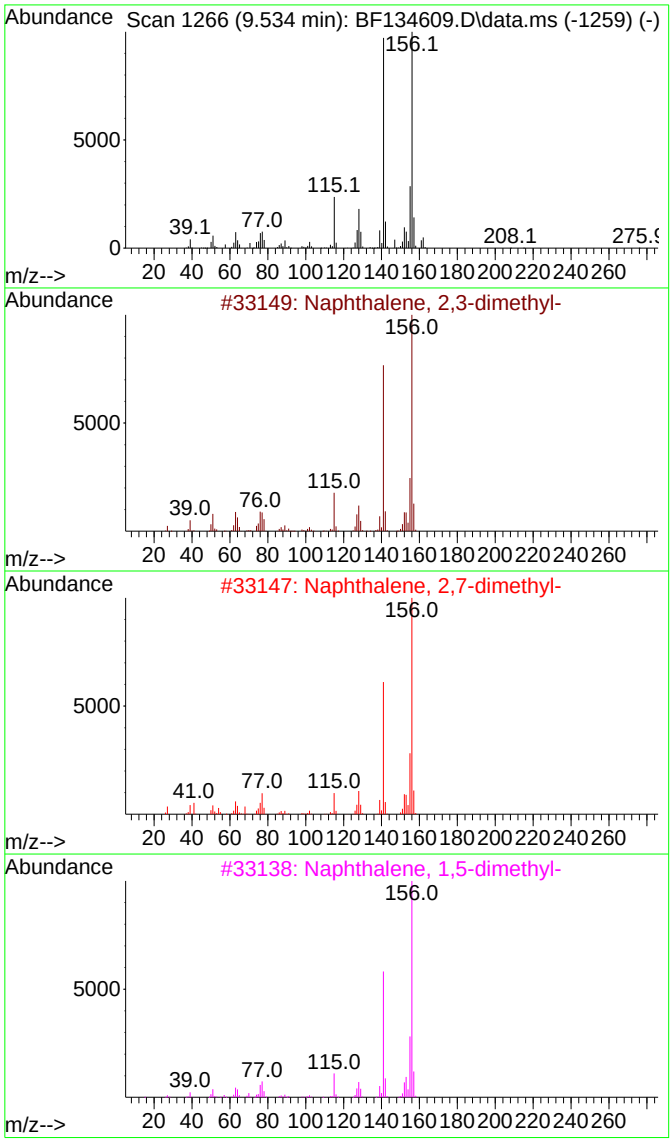
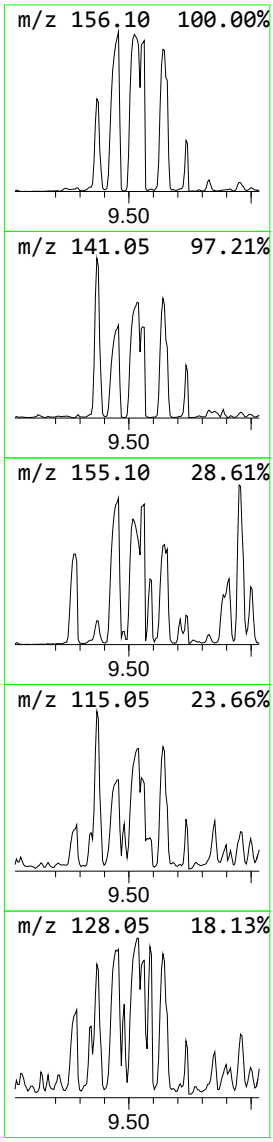
Peak Number 14 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	41.77 ng	16919500	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93





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Sample : 03775-04
Misc :
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Instrument :
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ClientSampleId :
BUILDING-A-6-(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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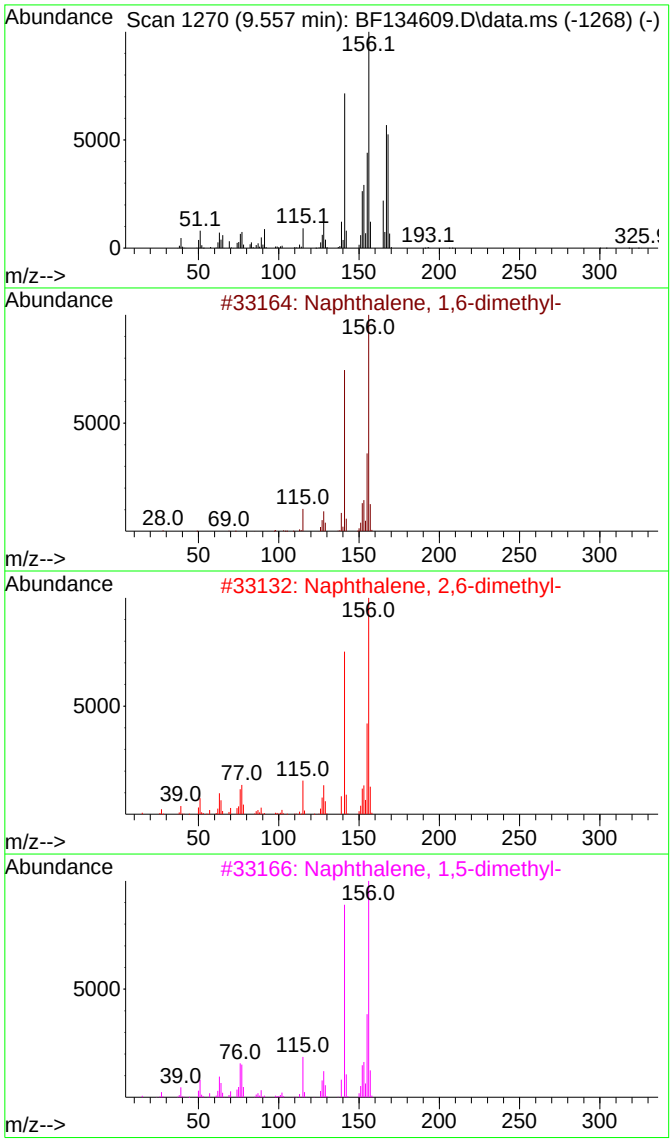
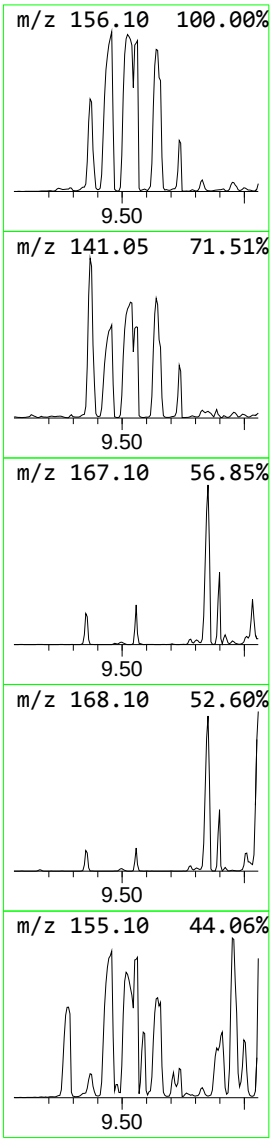
Peak Number 15 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.557	19.99 ng	8099020	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	89
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70





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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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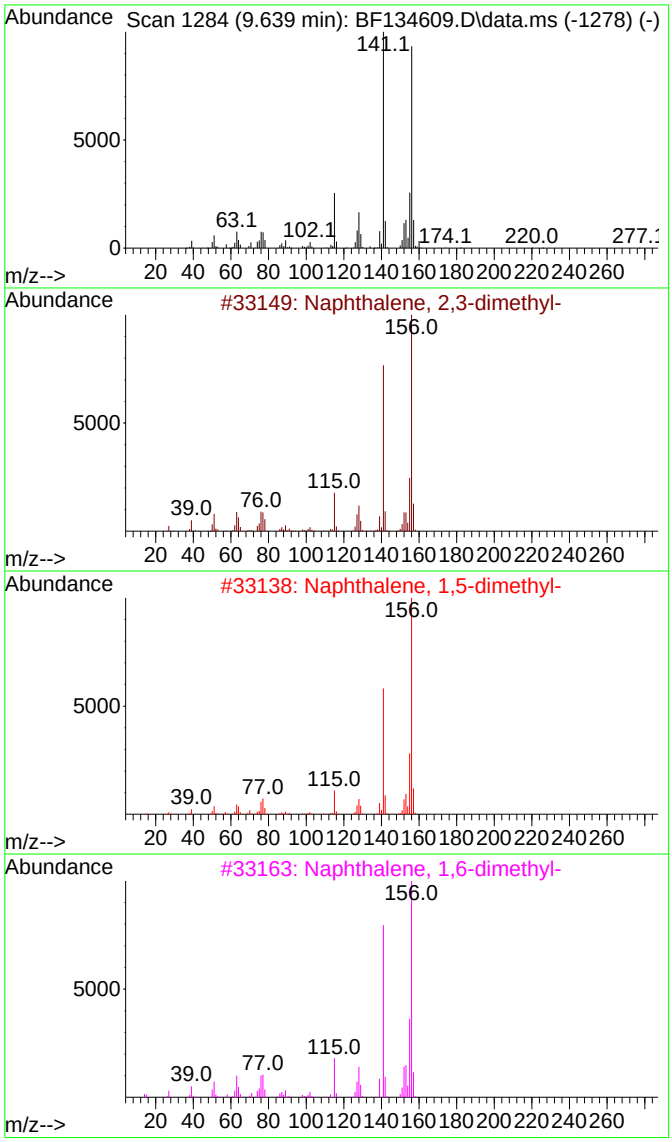
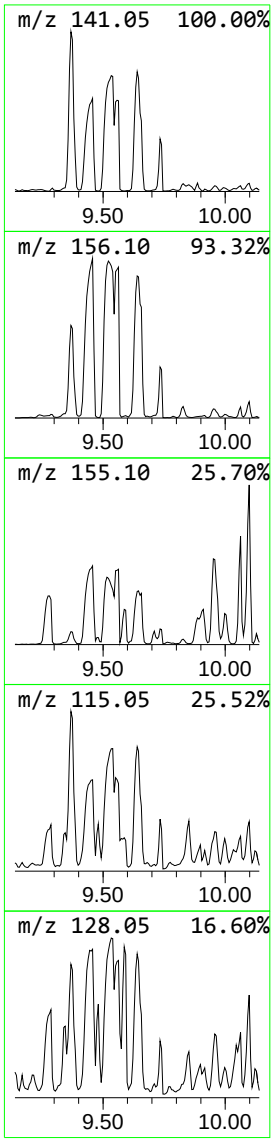
Peak Number 16 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.639	33.07 ng	13397800	Acenaphthene-d10	9.845

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, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-A-6-(5-10)

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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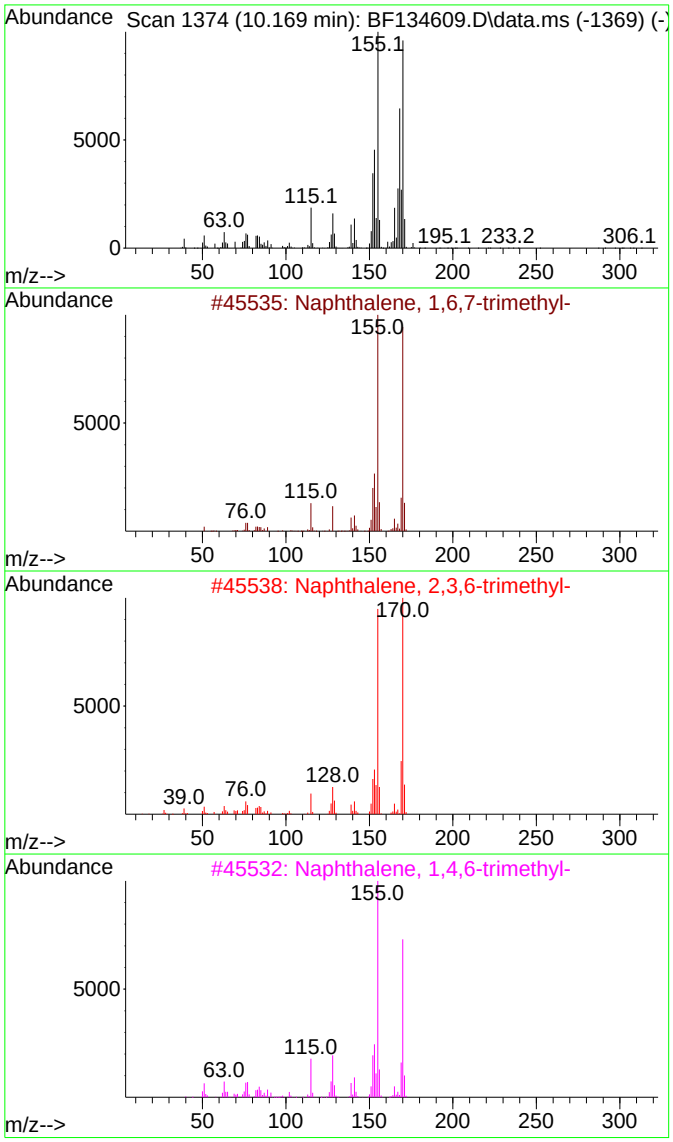
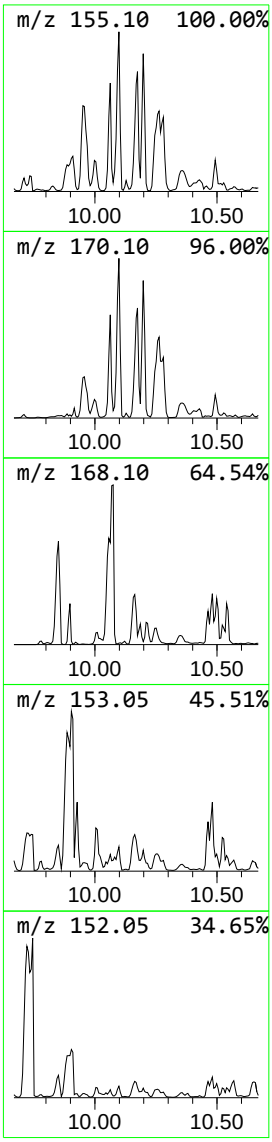
Peak Number 17 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	21.37 ng	8656790	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	64
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	62





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TIC Library : C:\Database\NIST20.L
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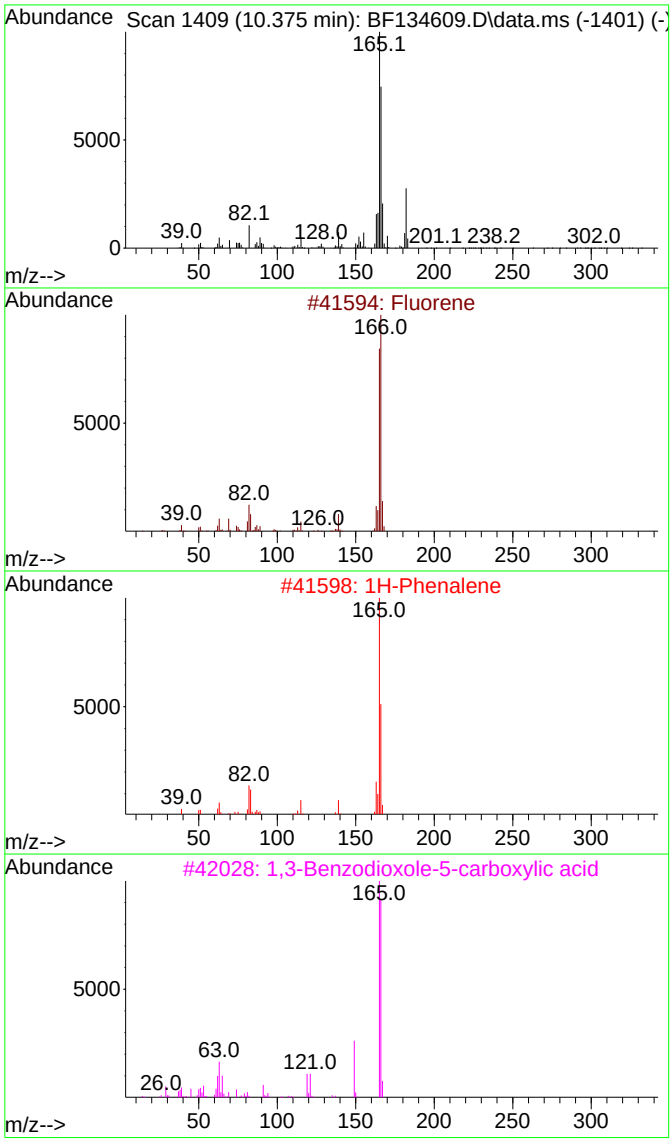
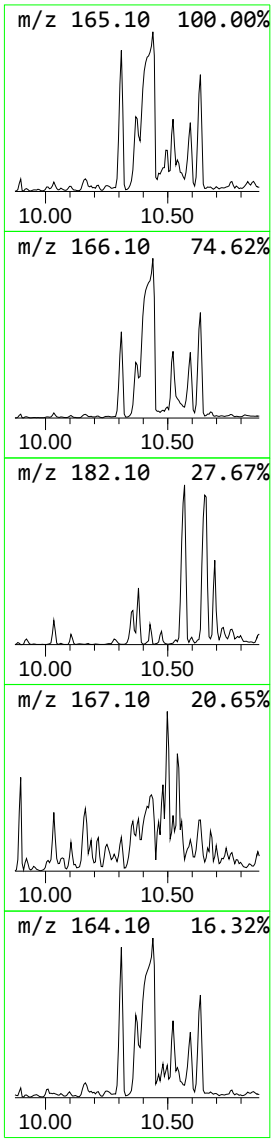
Peak Number 18 1H-Phenalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.375	21.72 ng	8800030	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	60
2	1H-Phenalene	166	C13H10	000203-80-5	58
3	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	40
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	39
5	2-Phenylbenzylamine	183	C13H13N	001924-77-2	23





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

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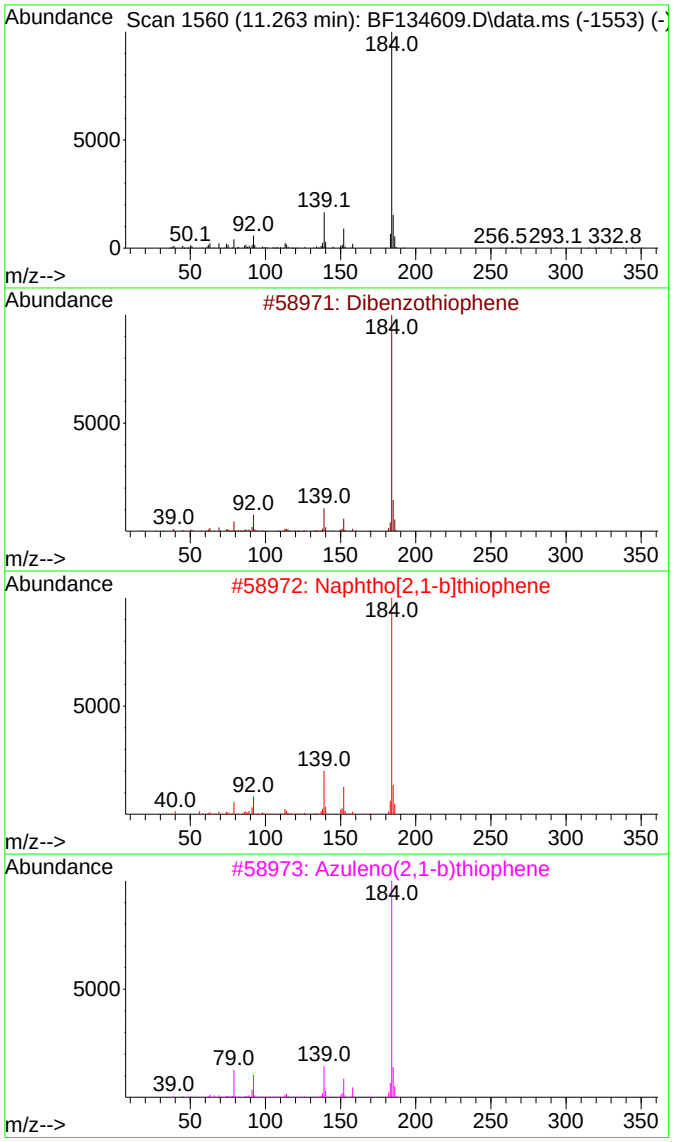
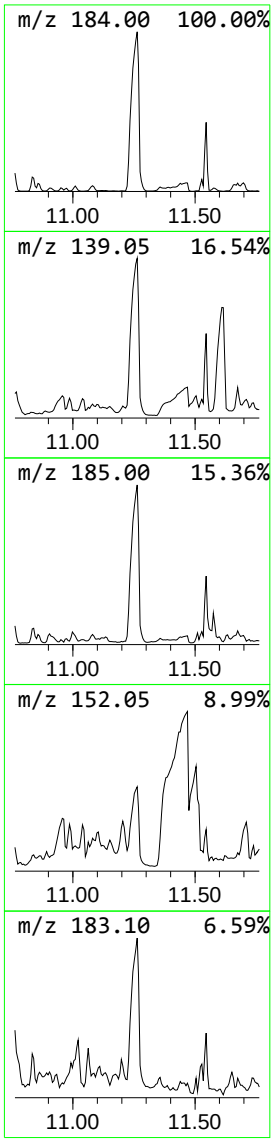
Peak Number 19 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	20.00 ng	18019800	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

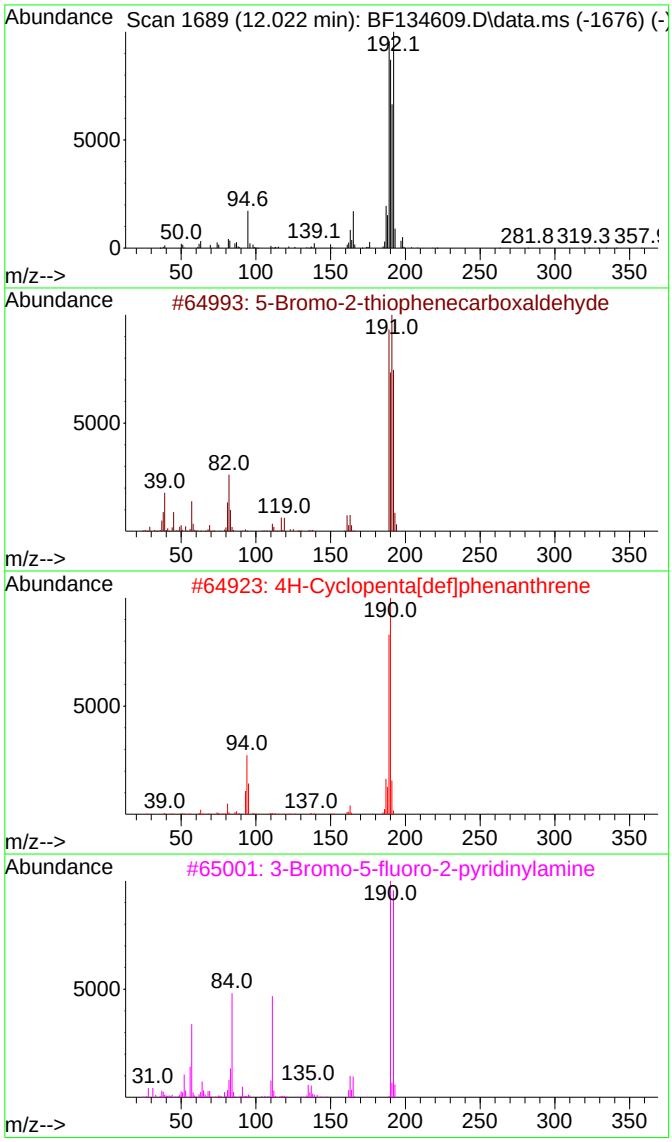
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

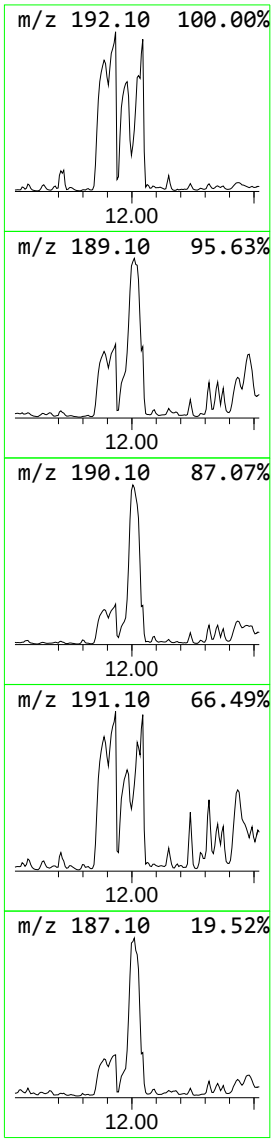
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 5-Bromo-2-thiophenecarboxal... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	24.81 ng	22350600	Phenanthrene-d10	11.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	53
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
3	3-Bromo-5-fluoro-2-pyridinylamine	190	C5H4BrFN2	869557-43-7	43
4	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	38
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
Data File : BF134609.D
Acq On : 03 Aug 2023 14:06
Operator : CG\JU
Sample : 03775-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BUILDING-A-6-(5-10)

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
Benzene, 1-ethy...	6.334	20.3	ng	3928700	1	6.804	3866860	20.0
Benzene, 1-ethy...	6.363	27.8	ng	5364330	1	6.804	3866860	20.0
Benzene, 1-ethe...	6.651	88.6	ng	17126400	1	6.804	3866860	20.0
Benzene, 2-prop...	6.687	21.1	ng	4086800	1	6.804	3866860	20.0
Mesitylene	6.863	20.0	ng	3866860	1	6.804	3866860	20.0
Benzene, 1-prop...	6.904	20.9	ng	4032450	1	6.804	3866860	20.0
Indene	7.104	132.3	ng	25572300	1	6.804	3866860	20.0
Benzene, 2-ethe...	7.416	22.2	ng	4291400	1	6.804	3866860	20.0
Naphthalene, 2-...	9.369	24.2	ng	9820360	3	9.845	8102180	20.0
Naphthalene, 1,...	9.457	44.3	ng	17924800	3	9.845	8102180	20.0
Naphthalene, 2,...	9.534	41.8	ng	16919500	3	9.845	8102180	20.0
Naphthalene, 2,...	9.557	20.0	ng	8099020	3	9.845	8102180	20.0
Naphthalene, 1,...	9.639	33.1	ng	13397800	3	9.845	8102180	20.0
Naphthalene, 1,...	10.169	21.4	ng	8656790	3	9.845	8102180	20.0
1H-Phenalene	10.375	21.7	ng	8800030	3	9.845	8102180	20.0
Dibenzothiophene	11.263	20.0	ng	18019800	4	11.345	18019800	20.0
5-Bromo-2-thiop...	12.022	24.8	ng	22350600	4	11.345	18019800	20.0