LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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: BF134741.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.298	541	546	550	rBV	5180686	5571655	12.20%	0.933%
2	5.433	564	569	572	rVV	3392993	3694694	8.09%	0.619%
3	5.657	602	607	611	rVV2	2808220	2741903	6.00%	0.459%
4	6.363	724	727	730	rVB	3024064	2495990	5.46%	0.418%
5	6.410	730	735	737	rBV	2003484	2173888	4.76%	0.364%
6	6.439	737	740	743	rVV	3001667	3023917	6.62%	0.507%
7	6.633	769	773	779	rVB2	5646029	7046378	15.43%	1.180%
8	6.863	809	812	814	rVV	2557592	2589170	5.67%	0.434%
9	7.004	825	836	838	rBV	7599333	15485527	33.90%	2.594%
10	7.057	841	845	847	rVV2	3638947	3702928	8.11%	0.620%
11	7.127	851	857	864	rBV	5814740	6284318	13.76%	1.053%
12	7.345	888	894	896	rBV	5102075	6037624	13.22%	1.011%
13	7.375	896	899	901	rVB	4677252	4401272	9.63%	0.737%
14	7.575	927	933	935	rBV2	1501509	2029159	4.44%	0.340%
15	7.604	935	938	941	rVB	3422264	3408845	7.46%	0.571%
16	7.716	952	957	960	rVV2	2416572	3409489	7.46%	0.571%
17	7.763	960	965	970	rVB2	5801615	7701465	16.86%	1.290%
18	7.839	970	978	981	rBV3	5009511	10687568	23.40%	1.790%
19	7.886	981	986	990	rVV	5834765	11841326	25.92%	1.984%
20	8.186	1018	1037	1038	rBV	10959387	45680088	100.00%	7.652%
21	8.204	1038	1040	1042	rVB	5840686	3659101	8.01%	0.613%
22	8.445	1077	1081	1084	rBV	2441894	3752515	8.21%	0.629%
23	8.533	1093	1096	1097	rVV	2015144	2071683	4.54%	0.347%
24	8.551	1097	1099	1102	rVV2	2347709	2719975	5.95%	0.456%
25	8.598	1102	1107	1111	rVB	3035894	4258453	9.32%	0.713%
26	8.757	1127	1134	1138	rBV2	1981550	3649862	7.99%	0.611%
27	8.845	1138	1149	1151	rVB	8291751	25210194	55.19%	4.223%
28	8.945	1156	1166	1168	rBV	7583131	19682157	43.09%	3.297%
29	9.057	1179	1185	1188	rBV3	1077413	1946347	4.26%	0.326%
30	9.163	1199	1203	1208	rVB	3536355	3380722	7.40%	0.566%
31	9.274	1214	1222	1224	rBV	5763128	7191630	15.74%	1.205%
32	9.374	1230	1239	1243	rVB	6470859	13497639	29.55%	2.261%
33	9.451	1243	1252	1254	rBV	6190338	11984403	26.24%	2.008%
34	9.469	1254	1255	1258	rVV	2262709	1970831	4.31%	0.330%
35	9.527	1258	1265	1267	rVV2	6469637	14487478	31.72%	2.427%
36	9.551	1267	1269	1271	rVV	6384690	5984871	13.10%	1.003%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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	9.633	1279	1283	1290	rVB	5639291	9152869	20.04%	1.533%
38	9.716	1294	1297	1301	rVB	5949767	5796287	12.69%	0.971%
39	9.851	1317	1320	1322	rVV2	4310543	4606073	10.08%	0.772%
40	9.910	1322	1330	1333	rVV	7037012	17052419	37.33%	2.857%
41	9.957	1334	1338	1342	rVB	4184090	5759156	12.61%	0.965%
42	10.051	1350	1354	1358	rVV2	4561611	6058774	13.26%	1.015%
43	10.092	1358	1361	1368	rVB3	3957912	4769893	10.44%	0.799%
44	10.168	1368	1374	1376	rBV2	3166179	4540498	9.94%	0.761%
45	10.192	1376	1378	1380	rVV	2699947	2692575	5.89%	0.451%
46	10.257	1384	1389	1391	rBV2	2650030	3990436	8.74%	0.668%
47	10.304	1394	1397	1400	rVB	2764706	2292338	5.02%	0.384%
48	10.368	1404	1408	1410	rVV3	2921990	3899241	8.54%	0.653%
49	10.416	1410	1416	1419	rVB	5520953	9038529	19.79%	1.514%
50	10.451	1419	1422	1426	rBV3	3593740	5128319	11.23%	0.859%
51	10.486	1426	1428	1429	rVV	2266769	1956150	4.28%	0.328%
52	10.516	1429	1433	1435	rVV2	4270460	5288513	11.58%	0.886%
53	10.551	1437	1439	1442	rVV2	1985782	2483384	5.44%	0.416%
54	10.580	1442	1444	1448	rVB	2457834	2312070	5.06%	0.387%
55	10.621	1448	1451	1457	rVB2	4184775	6876142	15.05%	1.152%
56	10.763	1472	1475	1482	rVB2	2476911	3216272	7.04%	0.539%
57	10.945	1502	1506	1509	rBV	3252482	4672216	10.23%	0.783%
58	10.974	1509	1511	1514	rVB	2708377	2617409	5.73%	0.438%
59	11.145	1538	1540	1545	rVV	2221333	1929379	4.22%	0.323%
60	11.233	1551	1555	1562	rVB2	4271695	5939316	13.00%	0.995%
61	11.398	1570	1583	1585	rBV	7197556	19575014	42.85%	3.279%
62	11.433	1585	1589	1591	rVV	5623626	7609609	16.66%	1.275%
63	11.674	1626	1630	1638	rVB3	2238614	3217150	7.04%	0.539%
64	11.751	1640	1643	1647	rVB	1833447	2230068	4.88%	0.374%
65	11.851	1655	1660	1662	rBV	4876621	6623468	14.50%	1.110%
66	11.886	1662	1666	1669	rVB	5759575	6957479	15.23%	1.166%
67	11.933	1669	1674	1676	rBV	3554115	4393676	9.62%	0.736%
68	11.968	1676	1680	1683	rVV	5810070	10069196	22.04%	1.687%
69	11.992	1683	1684	1687	rVV	4751567	3099503	6.79%	0.519%
70	12.139	1706	1709	1713	rBV	2904541	2795443	6.12%	0.468%
71	12.321	1737	1740	1742	rVV	2225728	2254711	4.94%	0.378%
72	12.404	1749	1754	1757	rBV	4245428	6429654	14.08%	1.077%
73	12.445	1757	1761	1762	rVV	3347038	4739523	10.38%	0.794%
74	12.462	1762	1764	1766	rVV	2601629	2345670	5.13%	0.393%
75	12.486	1766	1768	1770	rVV	1995607	2538232	5.56%	0.425%
76	12.574	1778	1783	1786	rVV	6016509	9576603	20.96%	1.604%

LSC Area Percent Report

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Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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	12.662	1794	1798	1801	rVV	4388839	4775122	10.45%	0.800%
78	12.733	1807	1810	1816	rVB3	1183302	1964025	4.30%	0.329%
79	12.809	1816	1823	1826	rBV	6426682	13138601	28.76%	2.201%
80	12.933	1841	1844	1851	rVB	2658535	3948017	8.64%	0.661%
81	13.009	1853	1857	1863	rVB2	2597222	4105166	8.99%	0.688%
82	13.098	1868	1872	1874	rVV2	2417263	3785280	8.29%	0.634%
83	13.127	1874	1877	1879	rVB	4310910	4425752	9.69%	0.741%
84	13.192	1884	1888	1891	rVV	3749930	4560050	9.98%	0.764%
85	13.227	1891	1894	1897	rVV	3326827	3896901	8.53%	0.653%
86	13.292	1901	1905	1907	rVV3	2067511	2735281	5.99%	0.458%
87	13.321	1907	1910	1912	rVV	3198598	3818358	8.36%	0.640%
88	13.356	1912	1916	1923	rVB	3545364	4763069	10.43%	0.798%
89	13.604	1953	1958	1963	rBV3	1215871	2727318	5.97%	0.457%
90	13.739	1975	1981	1983	rVV3	1644527	2532579	5.54%	0.424%
91	13.768	1983	1986	1988	rVV	2133718	1938100	4.24%	0.325%
92	13.992	2017	2024	2027	rBV2	5706149	10507770	23.00%	1.760%
93	14.033	2027	2031	2036	rVB	5386138	6795814	14.88%	1.138%
94	14.380	2085	2090	2093	rVV	3502760	4656009	10.19%	0.780%
95	14.409	2093	2095	2098	rVV	2137889	1989574	4.36%	0.333%
96	14.474	2098	2106	2108	rVV3	1825086	3420941	7.49%	0.573%
97	15.039	2196	2202	2205	rBV	2519100	4824274	10.56%	0.808%
98	15.339	2248	2253	2259	rVB	2055051	2725538	5.97%	0.457%
99	15.409	2259	2265	2269	rBV	3203671	4870922	10.66%	0.816%
100	16.962	2521	2529	2536	rVB2	987938	2067057	4.53%	0.346%

Sum of corrected areas: 596949840

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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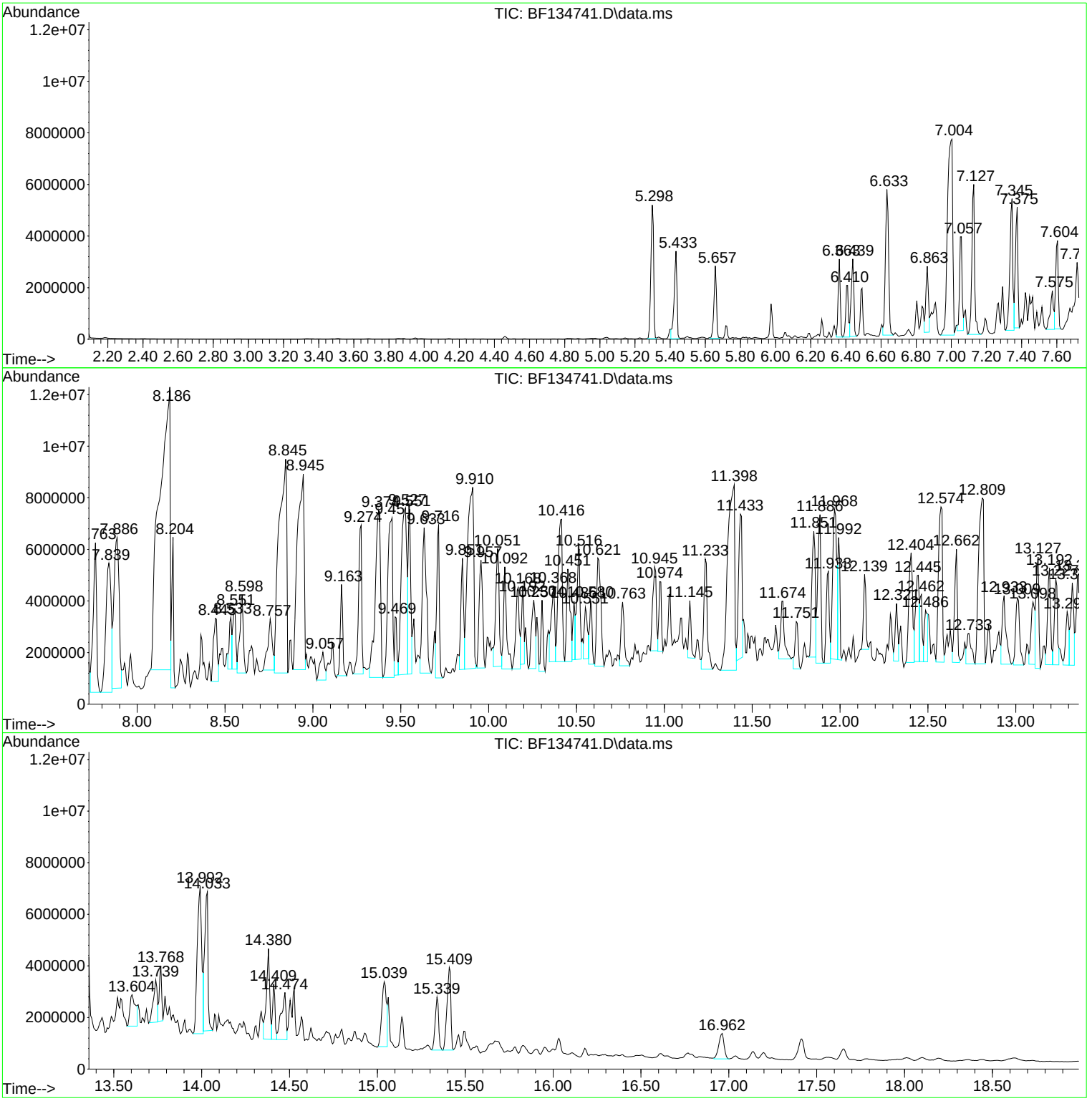
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
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Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

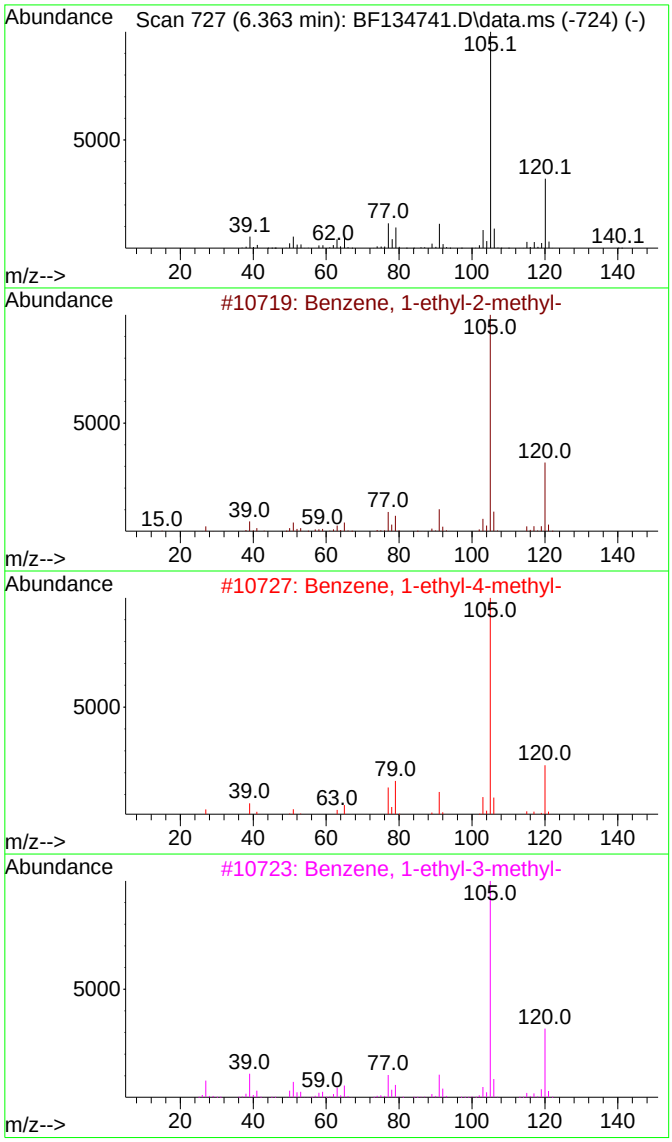
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

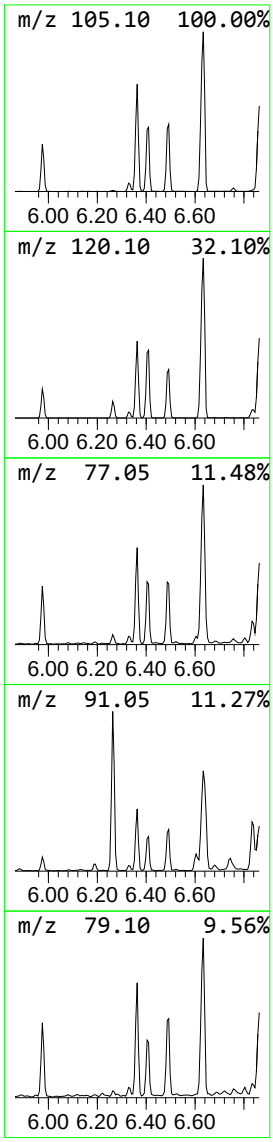
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	19.28 ng	2495990	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	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
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Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

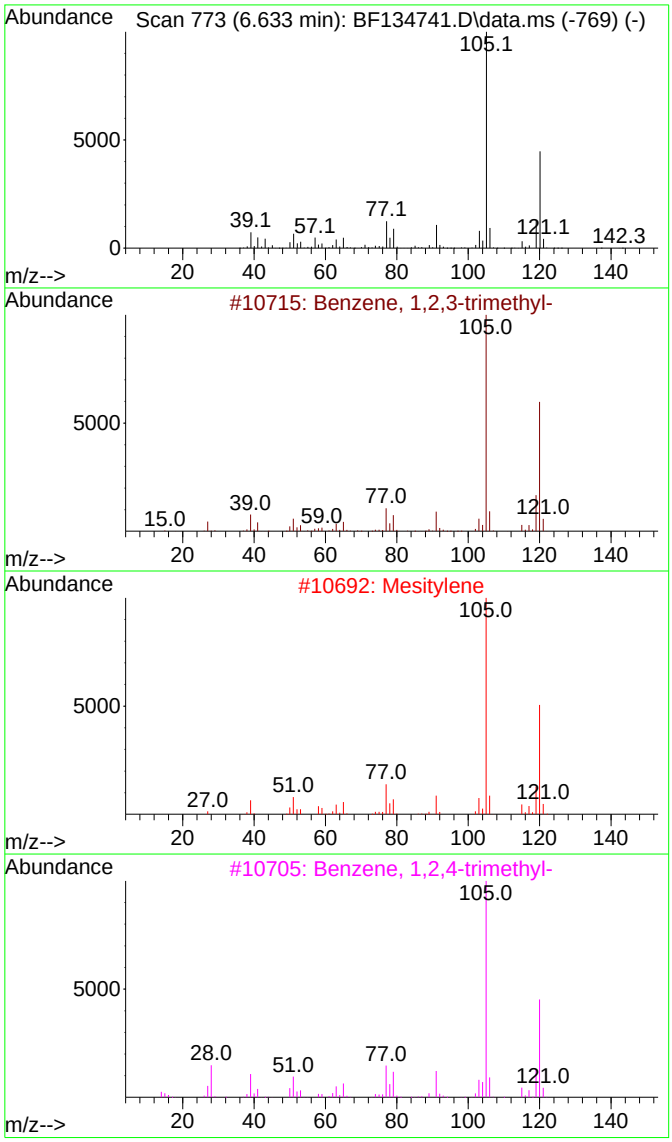
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

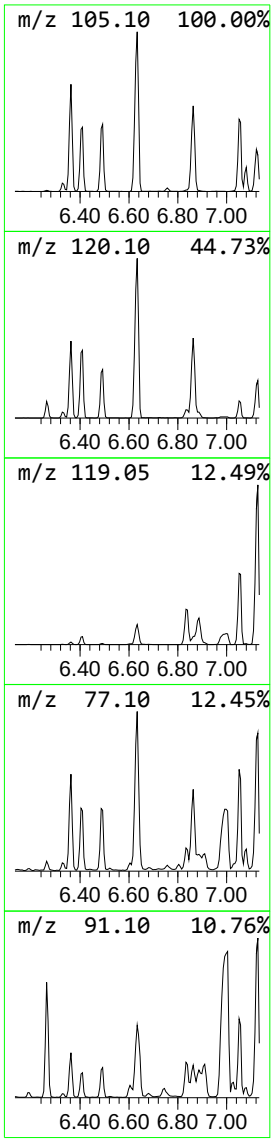
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.633	54.43 ng	7046380	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

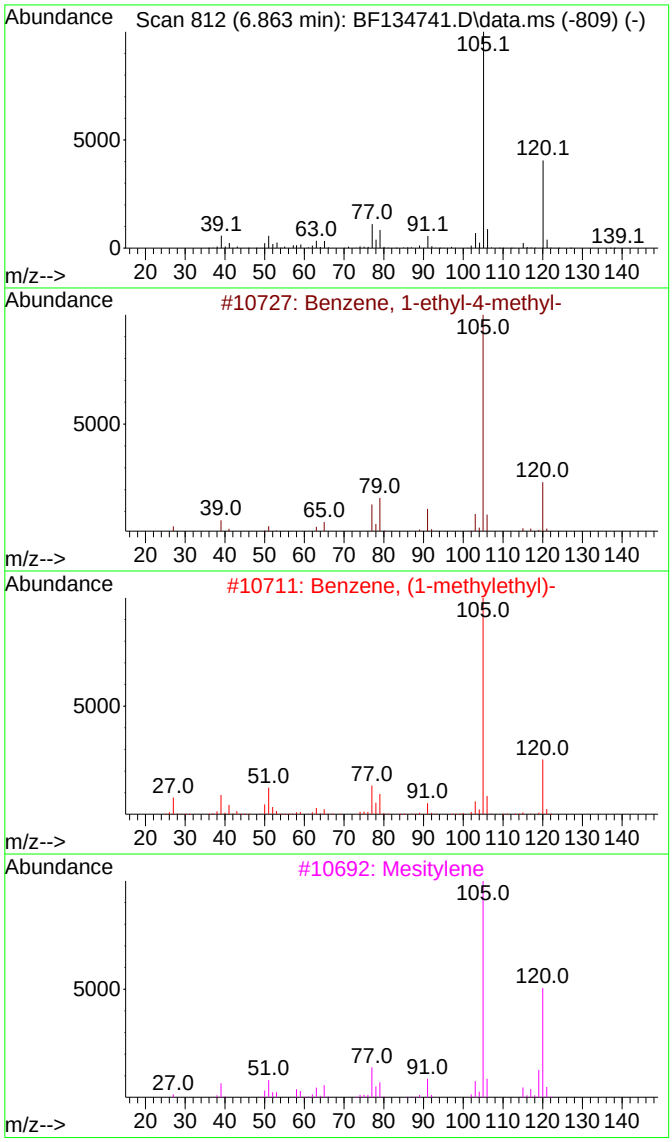
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

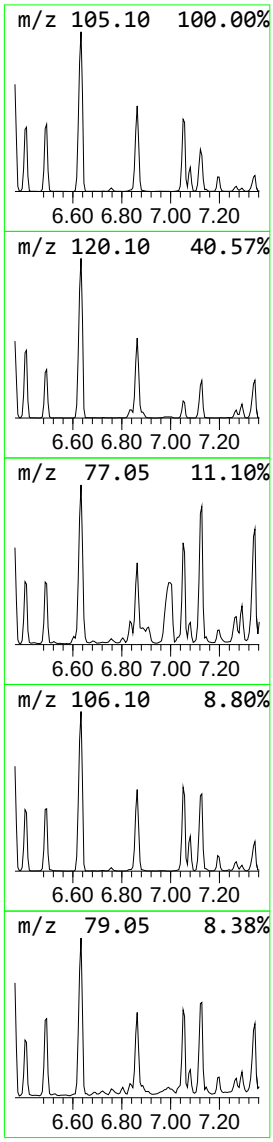
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	20.00 ng	2589170	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

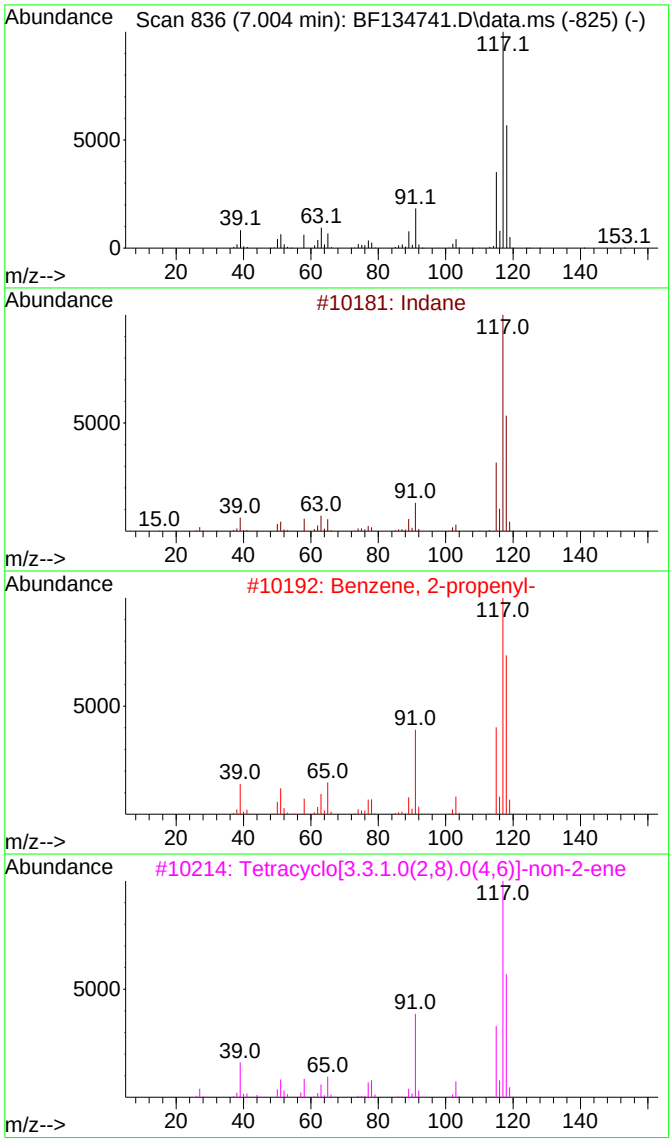
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

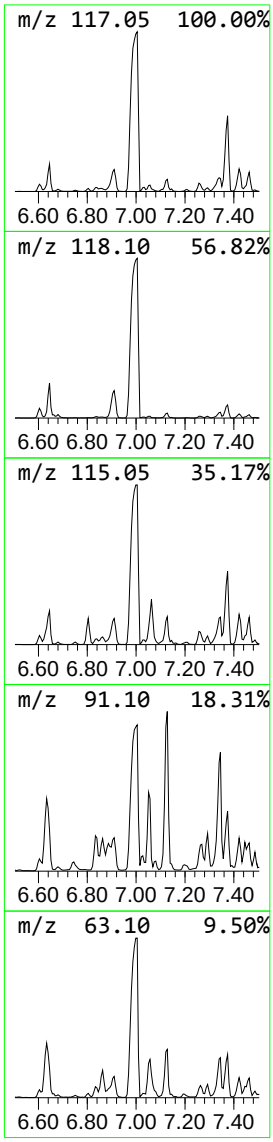
****

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	119.62 ng	15485500	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

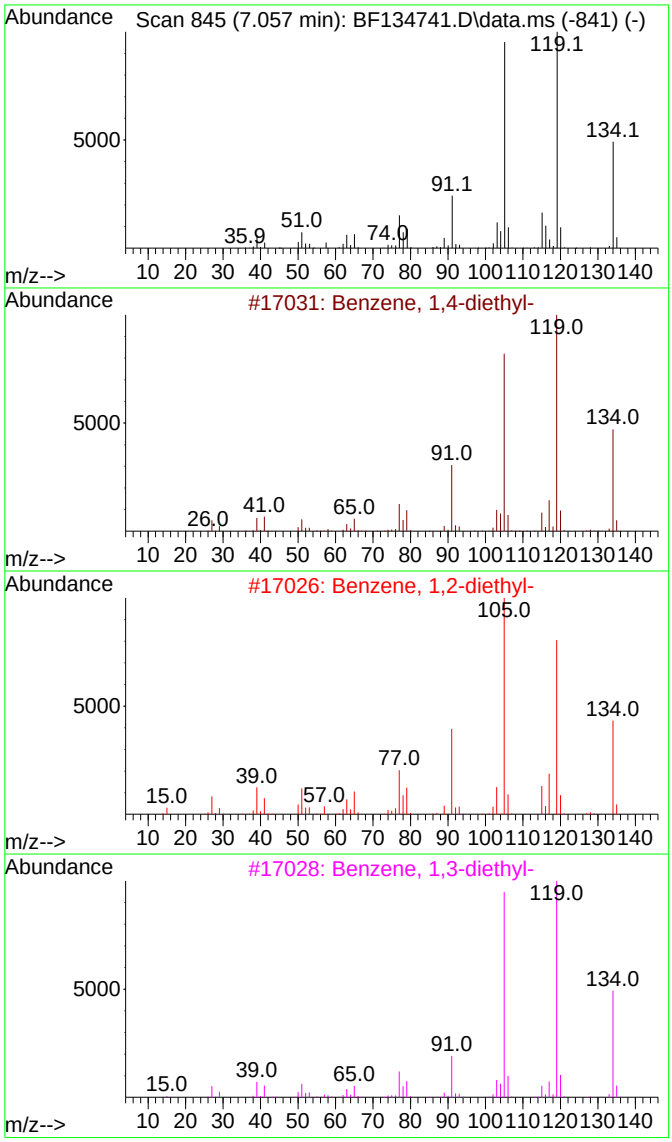
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

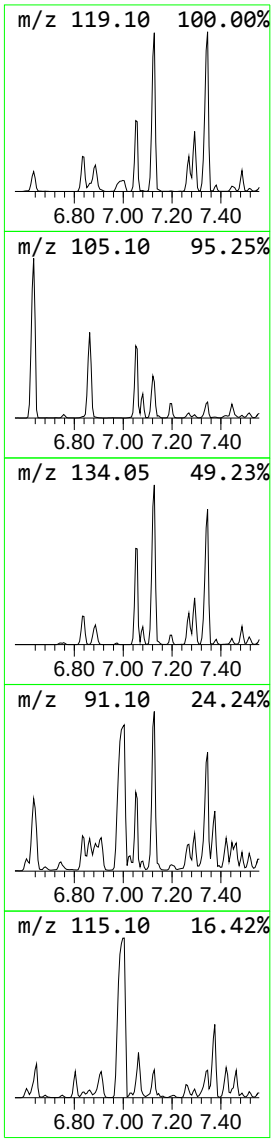
****

Peak Number 7 Benzene, 1,4-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.057	28.60 ng	3702930	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	72





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Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

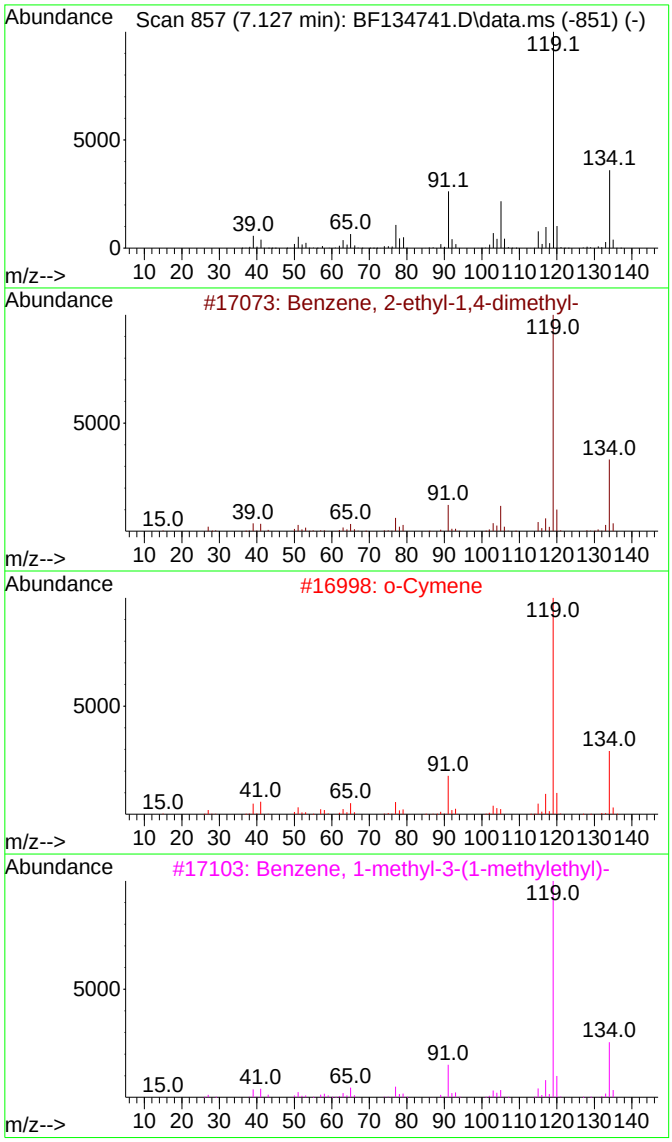
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

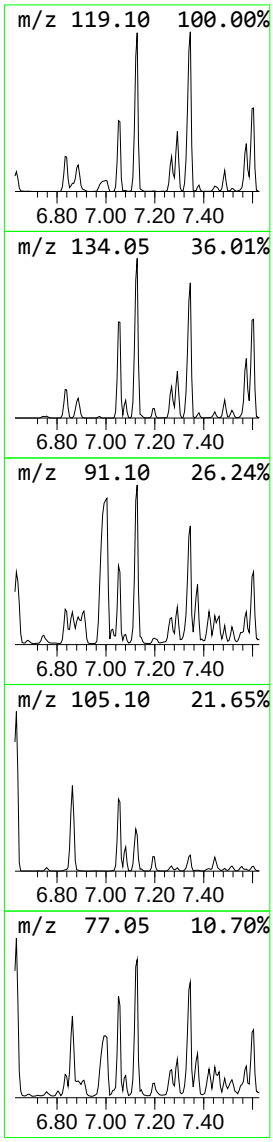
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.127	48.54 ng	6284320	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93





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Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

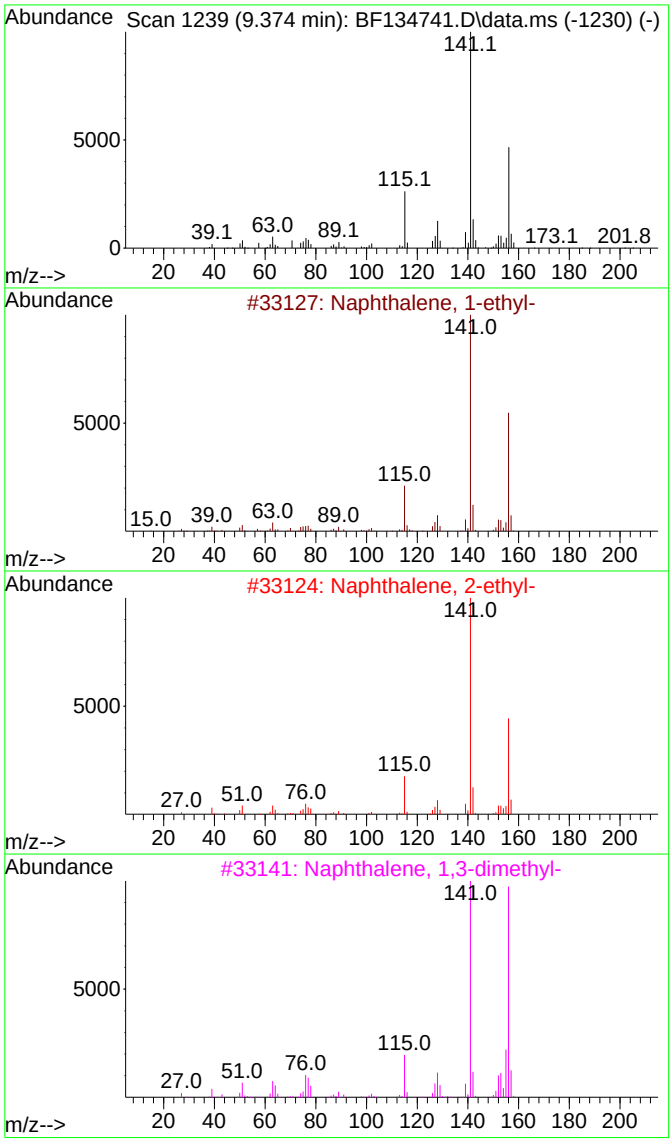
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

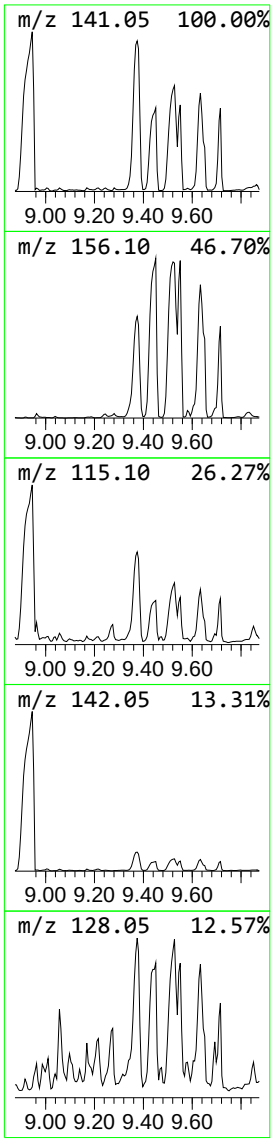
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.374	58.61 ng	13497600	Acenaphthene-d10	9.845

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, 1,3-dimethyl-	156	C12H12	000575-41-7	90
4	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
5	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59





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Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

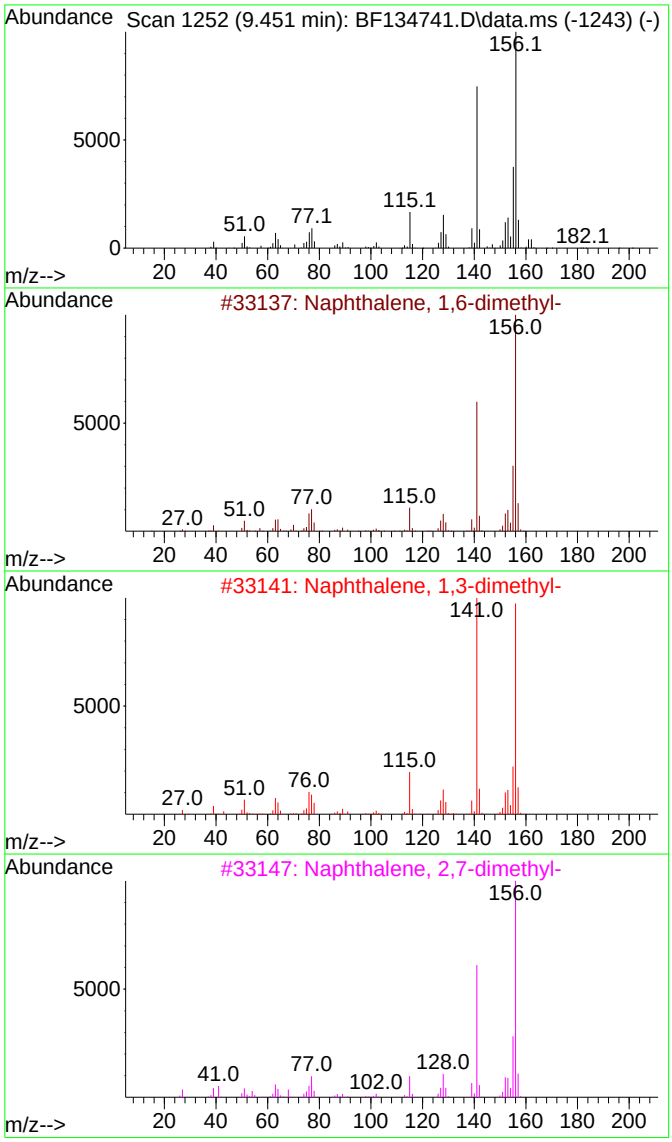
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

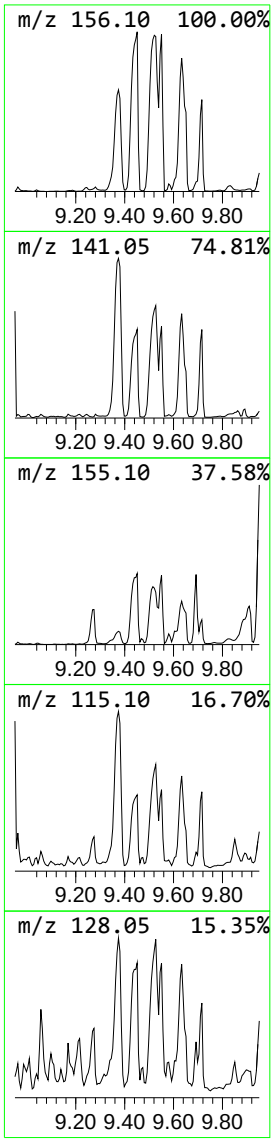
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	52.04 ng	11984400	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





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Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

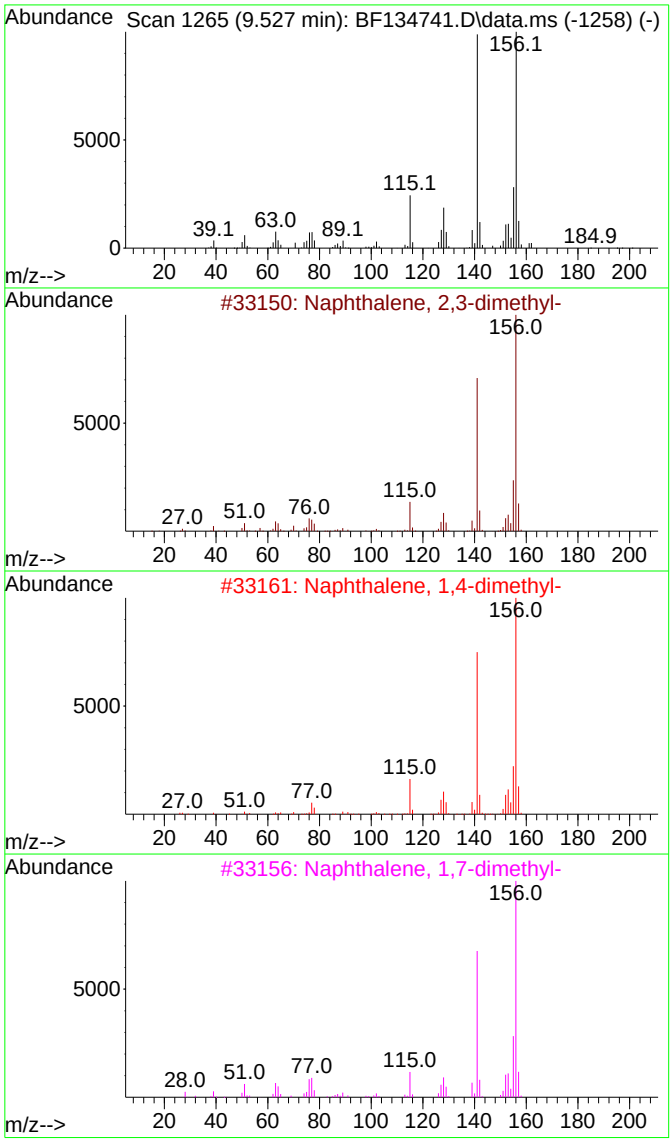
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

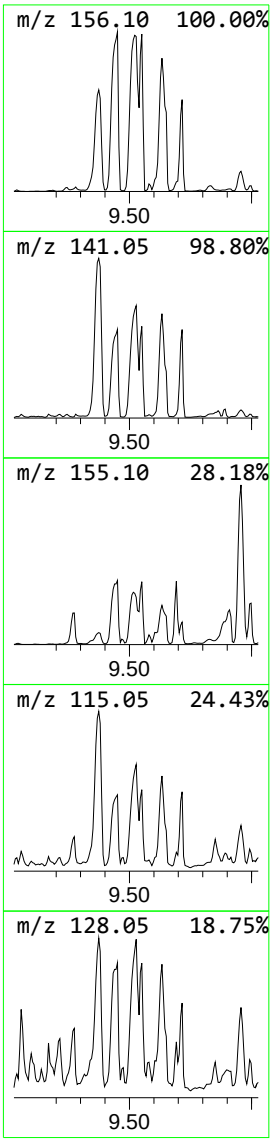
****

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.527	62.91 ng	14487500	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, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
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 : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

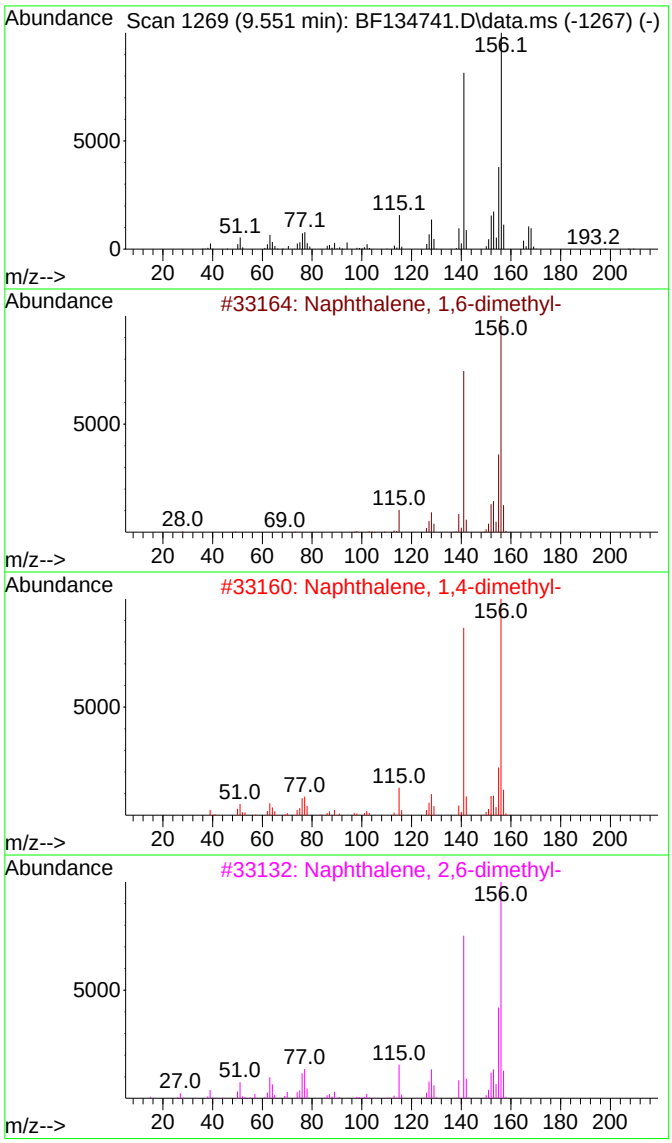
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

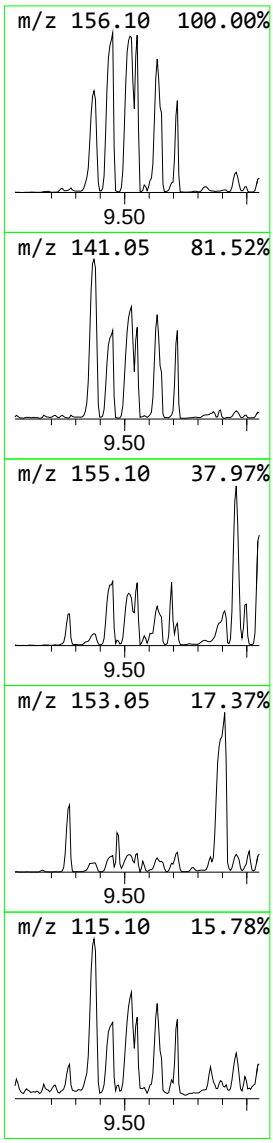
****

Peak Number 12 Naphthalene, 1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.551	25.99 ng	5984870	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, 1,4-dimethyl-	156	C12H12	000571-58-4	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





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Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

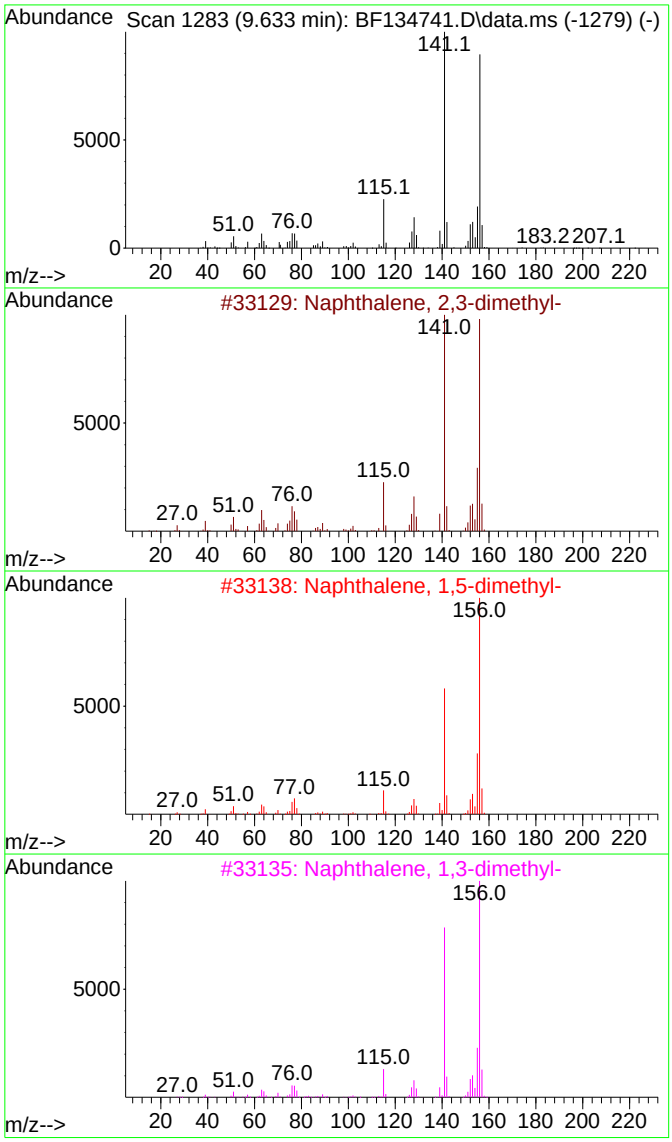
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

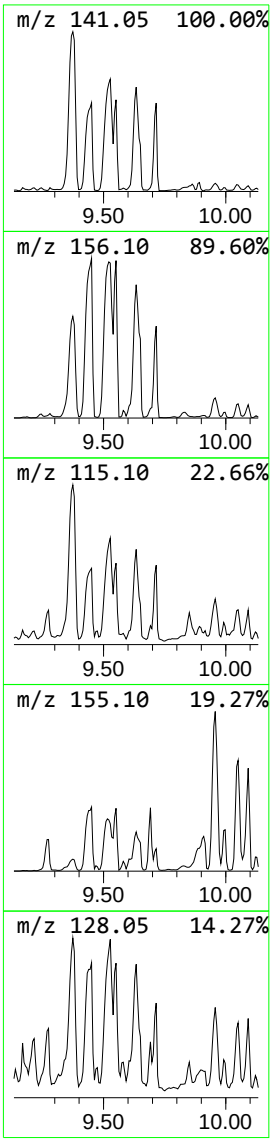
****

Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	39.74 ng	9152870	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

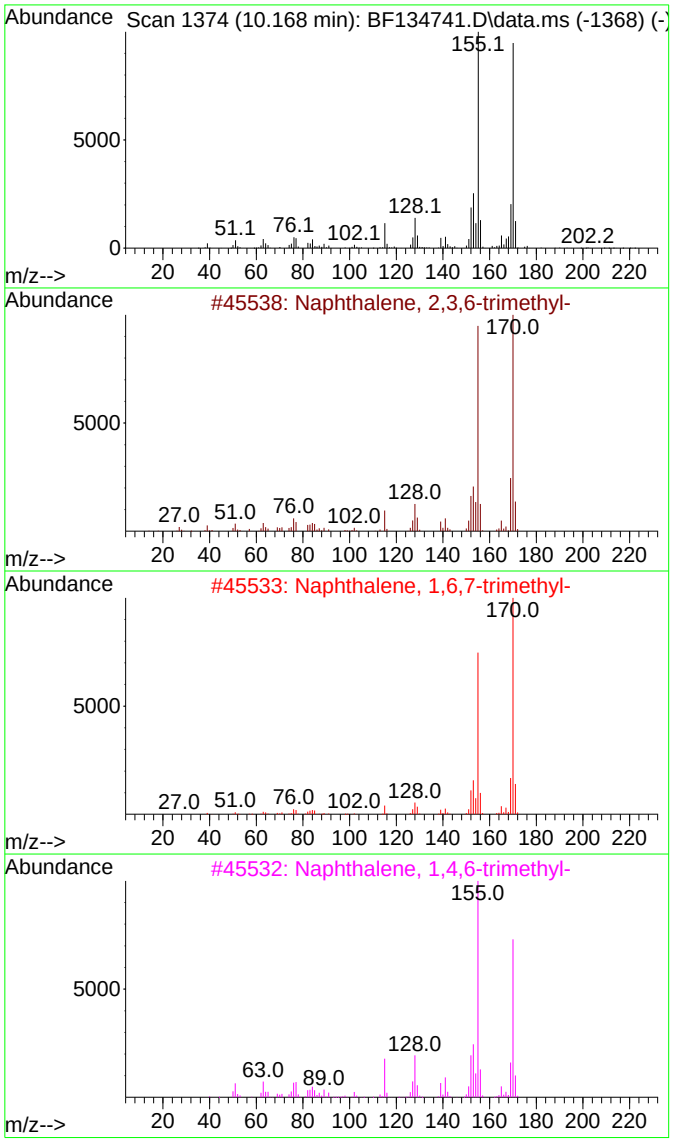
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

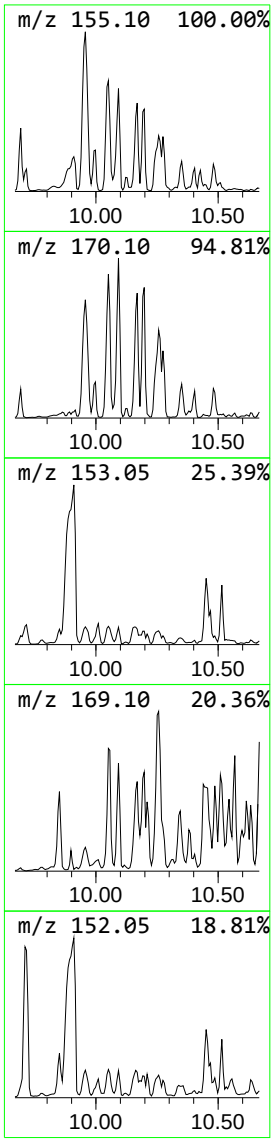
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.169	19.72 ng	4540500	Acenaphthene-d10	9.845

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	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





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Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

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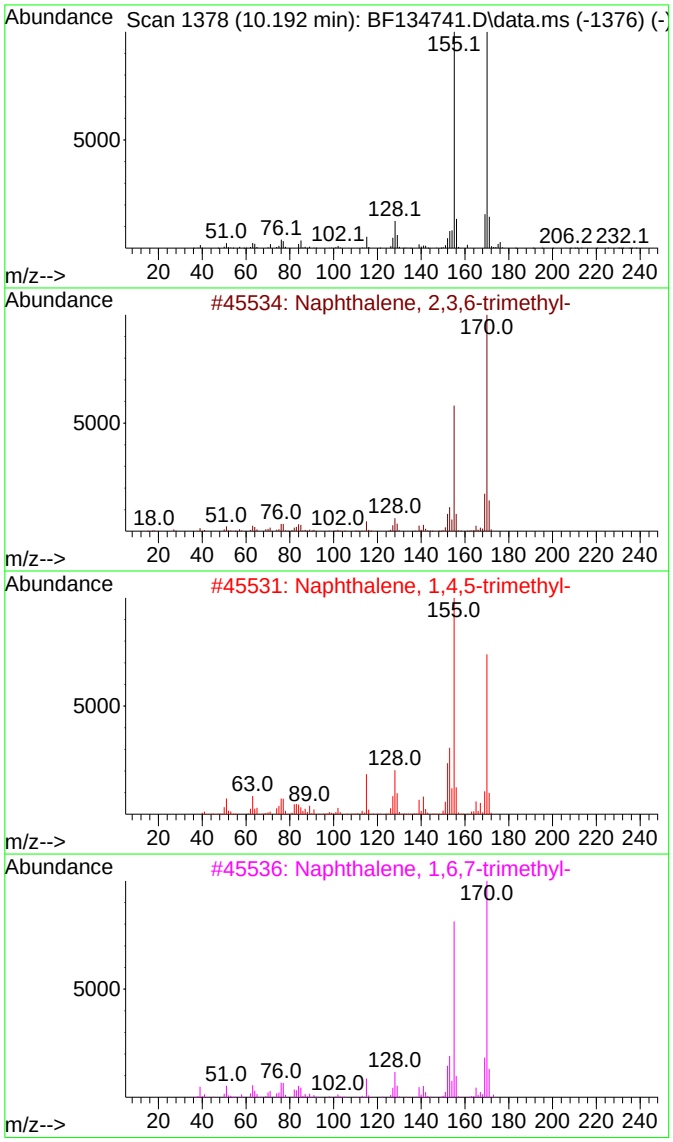
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

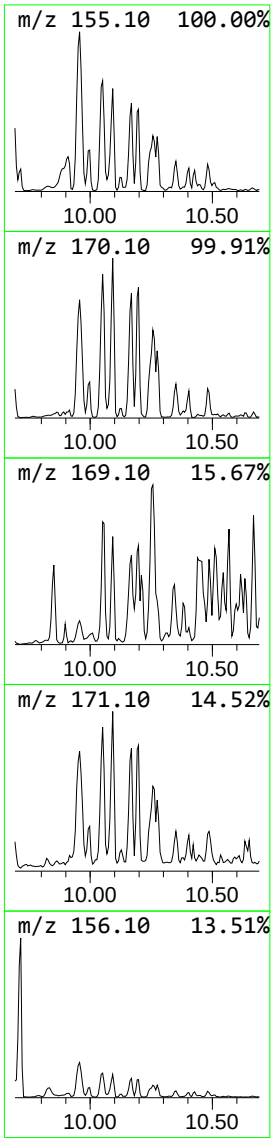
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.192	11.69 ng	2692580	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	87





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Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

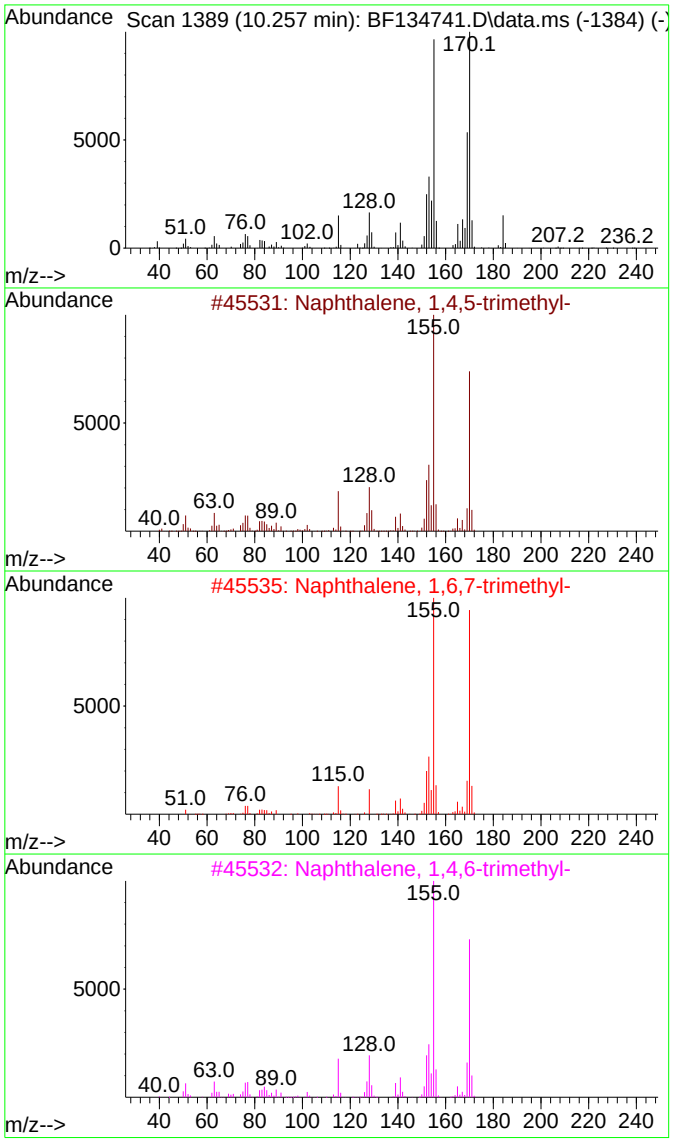
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

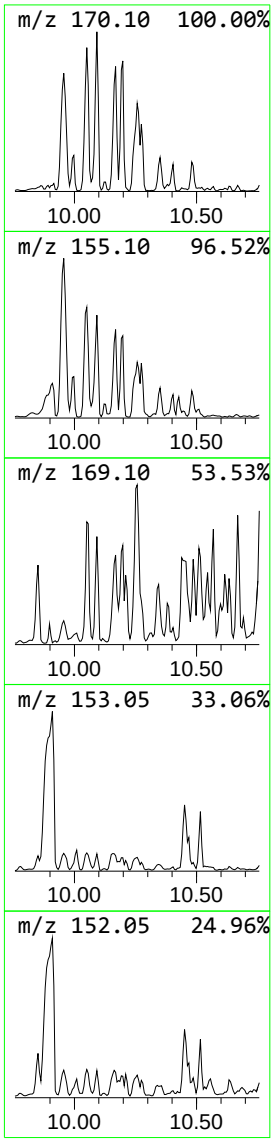
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.257	17.33 ng	3990440	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	81
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76





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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB02-Z37-39

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

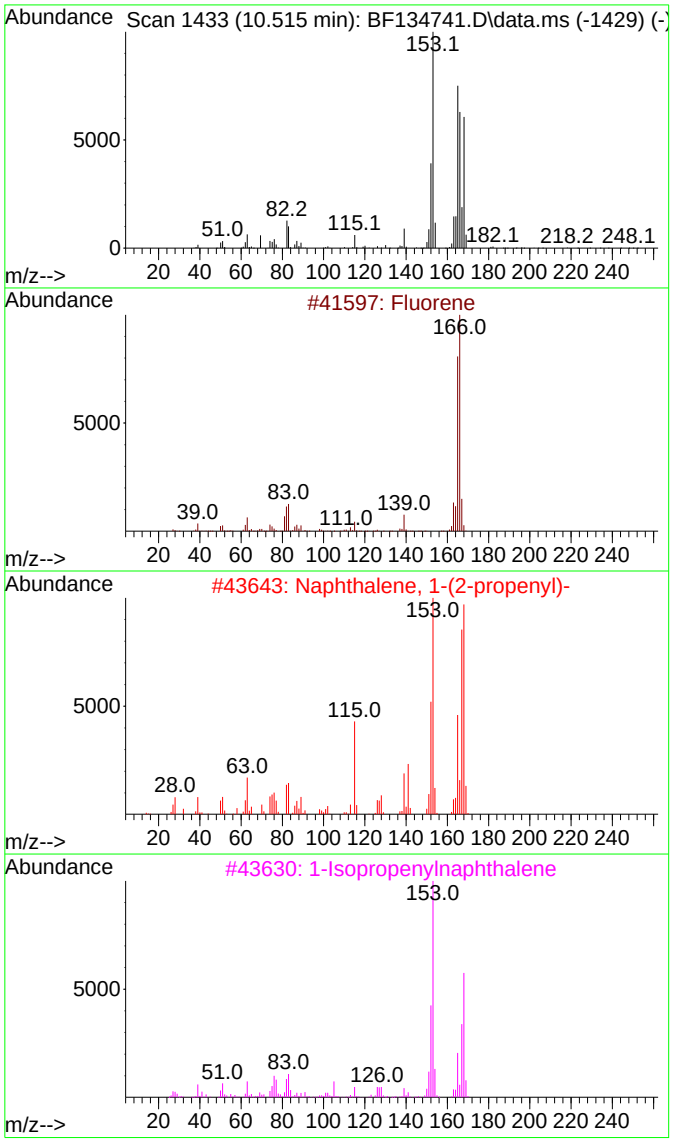
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

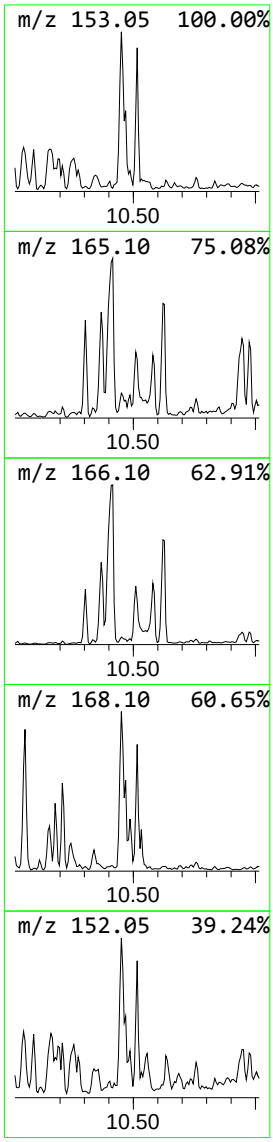
****

Peak Number 17 unknown10.515 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.515	22.96 ng	5288510	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	50
2	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	43
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	43
4	Fluorene-9-methanol	196	C14H12O	024324-17-2	35
5	Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	30





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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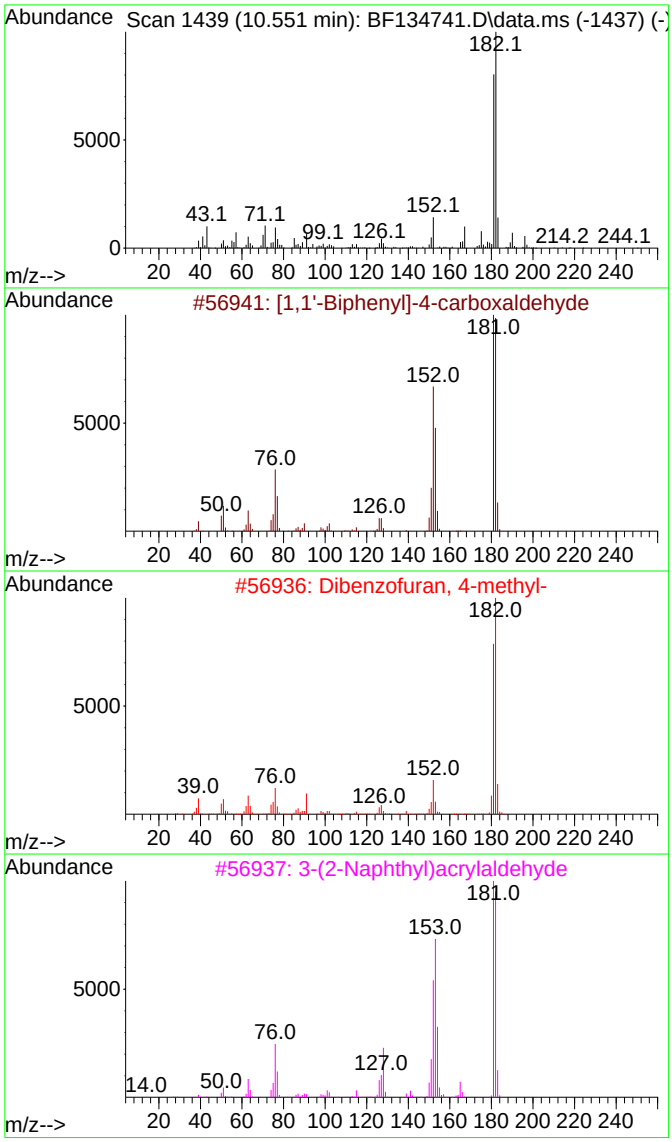
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

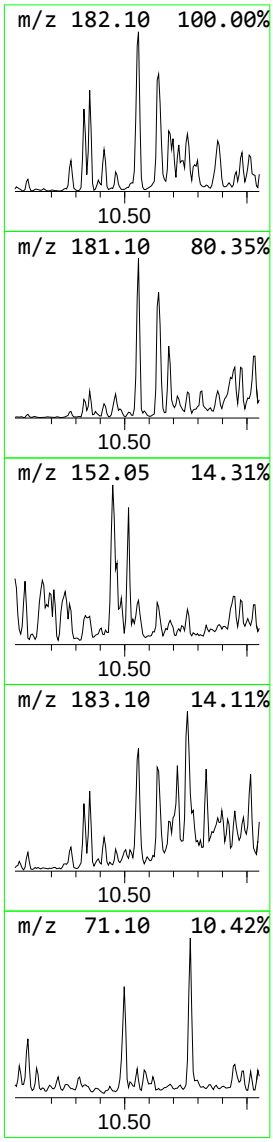
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.551	10.78 ng	2483380	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
3	3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	72
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	72





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Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

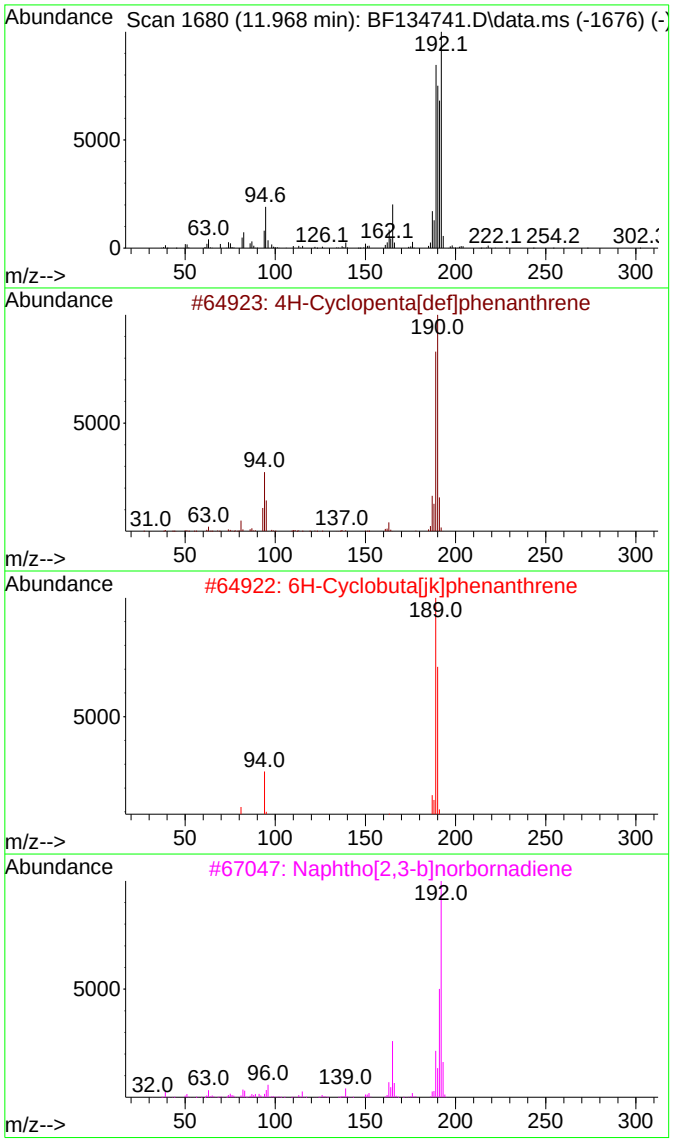
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

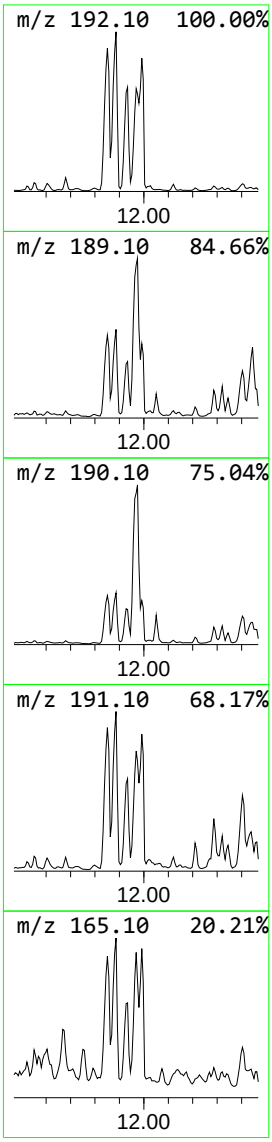
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.968	10.29 ng	10069200	Phenanthrene-d10	11.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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

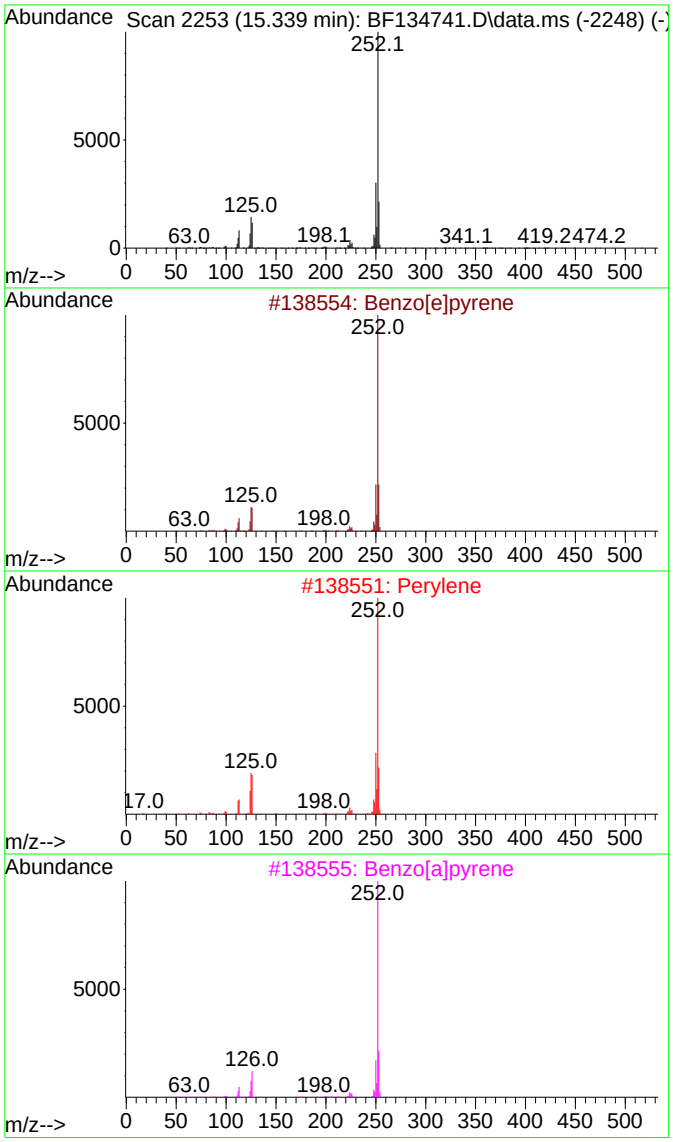
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

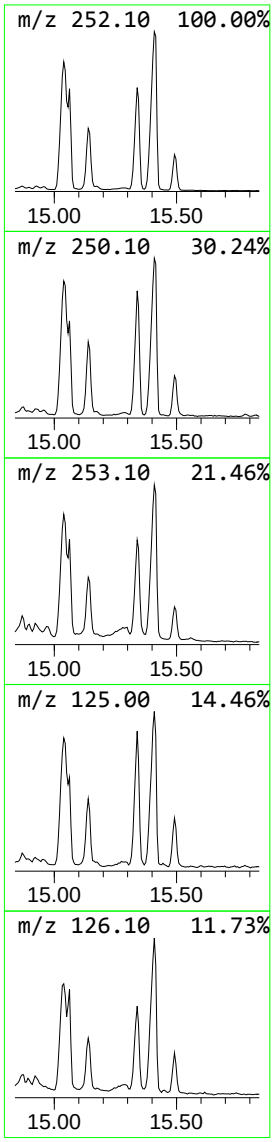
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.339	11.19 ng	2725540	Perylene-d12	15.462

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	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
Data File : BF134741.D
Acq On : 11 Aug 2023 19:46
Operator : CG\JU
Sample : 03958-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB02-Z37-39

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...	6.363	19.3	ng	2495990	1	6.804	2589170	20.0
Benzene, 1,2,3-...	6.633	54.4	ng	7046380	1	6.804	2589170	20.0
Benzene, 1-ethy...	6.863	20.0	ng	2589170	1	6.804	2589170	20.0
Indane	7.004	119.6	ng	15485500	1	6.804	2589170	20.0
Benzene, 1,4-di...	7.057	28.6	ng	3702930	1	6.804	2589170	20.0
Benzene, 2-ethy...	7.127	48.5	ng	6284320	1	6.804	2589170	20.0
Naphthalene, 1-...	9.374	58.6	ng	13497600	3	9.845	4606070	20.0
Naphthalene, 1,...	9.451	52.0	ng	11984400	3	9.845	4606070	20.0
Naphthalene, 2,...	9.527	62.9	ng	14487500	3	9.845	4606070	20.0
Naphthalene, 1,...	9.551	26.0	ng	5984870	3	9.845	4606070	20.0
Naphthalene, 1,...	9.633	39.7	ng	9152870	3	9.845	4606070	20.0
Naphthalene, 2,...	10.169	19.7	ng	4540500	3	9.845	4606070	20.0
Naphthalene, 1,...	10.192	11.7	ng	2692580	3	9.845	4606070	20.0
Naphthalene, 1,...	10.257	17.3	ng	3990440	3	9.845	4606070	20.0
unknown10.515	10.515	23.0	ng	5288510	3	9.845	4606070	20.0
[1,1'-Biphenyl]...	10.551	10.8	ng	2483380	3	9.845	4606070	20.0
4H-Cyclopenta[d...	11.968	10.3	ng	10069200	4	11.339	19575000	20.0
Benzo[e]pyrene	15.339	11.2	ng	2725540	6	15.462	4870920	20.0