LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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: BF134710.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.287	540	544	548	rBV	748940	664763	6.04%	0.963%
2	5.393	558	562	564	rBV	376648	355451	3.23%	0.515%
3	5.651	601	606	614	rBV	312021	277692	2.52%	0.402%
4	6.328	718	721	724	rBV	1133188	941048	8.55%	1.363%
5	6.357	724	726	730	rVB	524049	454667	4.13%	0.658%
6	6.404	730	734	737	rBV	268888	211933	1.92%	0.307%
7	6.487	743	748	751	rVB	171444	129513	1.18%	0.188%
8	6.628	769	772	778	rVB2	797595	880104	7.99%	1.274%
9	6.798	798	801	804	rBV	1376731	1150408	10.45%	1.666%
10	6.857	808	811	813	rVV	310514	252178	2.29%	0.365%
11	6.898	816	818	821	rVB	189699	145452	1.32%	0.211%
12	6.981	828	832	835	rBV	3307954	2682138	24.36%	3.884%
13	7.051	841	844	847	rBV2	280056	308988	2.81%	0.447%
14	7.116	851	855	864	rVB	577518	525768	4.77%	0.761%
15	7.334	886	892	894	rVV	530815	446054	4.05%	0.646%
16	7.363	894	897	900	rVV2	160757	156407	1.42%	0.226%
17	7.457	908	913	915	rVB2	133916	152720	1.39%	0.221%
18	7.592	934	936	940	rVB	297045	240355	2.18%	0.348%
19	7.751	961	963	968	rVB	522419	394043	3.58%	0.571%
20	7.828	968	976	979	rBV3	853916	1216035	11.04%	1.761%
21	7.863	979	982	987	rVB	948217	1186991	10.78%	1.719%
22	7.951	994	997	1002	rBV2	204715	191627	1.74%	0.277%
23	8.116	1012	1025	1027	rBV2	6866426	11011445	100.00%	15.945%
24	8.151	1027	1031	1036	rVB	381727	374586	3.40%	0.542%
25	8.439	1075	1080	1082	rBV	196007	243253	2.21%	0.352%
26	8.475	1082	1086	1089	rVV3	128007	152543	1.39%	0.221%
27	8.522	1092	1094	1095	rVV	167837	139004	1.26%	0.201%
28	8.539	1095	1097	1100	rVV2	177359	205670	1.87%	0.298%
29	8.581	1102	1104	1109	rVB	215371	206906	1.88%	0.300%
30	8.634	1109	1113	1117	rVB3	117545	142887	1.30%	0.207%
31	8.675	1117	1120	1123	rBV3	183771	190481	1.73%	0.276%
32	8.745	1130	1132	1135	rVB	148676	118220	1.07%	0.171%
33	8.798	1136	1141	1144	rBV	4781223	4352538	39.53%	6.302%
34	8.892	1152	1157	1160	rBV	3693135	3097367	28.13%	4.485%
35	9.257	1212	1219	1224	rBV	629875	656847	5.97%	0.951%
36	9.351	1232	1235	1241	rVV	1282601	1157293	10.51%	1.676%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
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Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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	9.422	1242	1247	1250	rVV	795274	1059862	9.63%	1.535%
38	9.451	1250	1252	1255	rVV	165952	138737	1.26%	0.201%
39	9.492	1255	1259	1261	rVV	1378866	1321654	12.00%	1.914%
40	9.516	1261	1263	1267	rVV	784063	742398	6.74%	1.075%
41	9.557	1267	1270	1273	rVV4	123285	141727	1.29%	0.205%
42	9.610	1276	1279	1287	rVV	682916	740655	6.73%	1.072%
43	9.692	1287	1293	1299	rVB2	631300	593788	5.39%	0.860%
44	9.834	1311	1317	1320	rBV2	2000053	1890359	17.17%	2.737%
45	9.869	1320	1323	1326	rVB	2795532	2282776	20.73%	3.305%
46	9.939	1331	1335	1339	rVB	269015	320061	2.91%	0.463%
47	10.034	1348	1351	1355	rVB	333996	331465	3.01%	0.480%
48	10.075	1355	1358	1362	rVV	234291	204268	1.86%	0.296%
49	10.151	1366	1371	1373	rBV2	240944	320894	2.91%	0.465%
50	10.181	1373	1376	1378	rVV	185737	181484	1.65%	0.263%
51	10.239	1381	1386	1388	rBV2	182005	252940	2.30%	0.366%
52	10.286	1392	1394	1397	rVB	395950	295978	2.69%	0.429%
53	10.333	1397	1402	1403	rBV3	94183	137734	1.25%	0.199%
54	10.351	1403	1405	1407	rVV	321791	246736	2.24%	0.357%
55	10.381	1407	1410	1416	rVB	1097492	1147343	10.42%	1.661%
56	10.445	1416	1421	1423	rBV2	150630	193757	1.76%	0.281%
57	10.492	1426	1429	1432	rVV2	320778	332821	3.02%	0.482%
58	10.539	1434	1437	1439	rVV2	150348	183644	1.67%	0.266%
59	10.563	1439	1441	1445	rVV	173176	174857	1.59%	0.253%
60	10.604	1445	1448	1455	rVB2	469286	500926	4.55%	0.725%
61	10.751	1470	1473	1480	rVB2	137539	159714	1.45%	0.231%
62	10.933	1499	1504	1506	rBV	273799	360228	3.27%	0.522%
63	10.957	1506	1508	1511	rVV	220564	181798	1.65%	0.263%
64	11.016	1515	1518	1521	rBV	186159	179821	1.63%	0.260%
65	11.133	1535	1538	1542	rVB	144335	127046	1.15%	0.184%
66	11.216	1549	1552	1561	rVB2	398765	435402	3.95%	0.630%
67	11.322	1567	1570	1572	rBV	1566099	1443143	13.11%	2.090%
68	11.351	1572	1575	1578	rVV	3272667	2708815	24.60%	3.922%
69	11.398	1578	1583	1586	rVV	1005786	796904	7.24%	1.154%
70	11.657	1624	1627	1635	rVB2	174303	205265	1.86%	0.297%
71	11.739	1638	1641	1645	rVB	127392	148591	1.35%	0.215%
72	11.828	1653	1656	1658	rVV	797857	645683	5.86%	0.935%
73	11.857	1658	1661	1665	rVV	879929	727641	6.61%	1.054%
74	11.904	1665	1669	1671	rVV	343629	317090	2.88%	0.459%
75	11.939	1671	1675	1677	rVV	918642	1012774	9.20%	1.466%
76	11.963	1677	1679	1684	rVB	489828	409735	3.72%	0.593%

LSC Area Percent Report

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Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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
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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	12.122	1703	1706	1710	rBV	250706	215219	1.95%	0.312%
78	12.380	1746	1750	1752	rBV	435459	456570	4.15%	0.661%
79	12.416	1752	1756	1758	rVV2	265210	334722	3.04%	0.485%
80	12.463	1762	1764	1769	rVV2	128332	178263	1.62%	0.258%
81	12.539	1773	1777	1781	rBV	1225684	1044674	9.49%	1.513%
82	12.633	1790	1793	1796	rVB	465115	374391	3.40%	0.542%
83	12.704	1800	1805	1810	rBV3	95663	142413	1.29%	0.206%
84	12.769	1811	1816	1819	rBV	1546393	1407477	12.78%	2.038%
85	12.910	1838	1840	1848	rVB4	80304	163955	1.49%	0.237%
86	12.986	1850	1853	1860	rBV3	176543	237199	2.15%	0.343%
87	13.074	1864	1868	1870	rVV2	175570	232328	2.11%	0.336%
88	13.098	1870	1872	1875	rVB	379462	318590	2.89%	0.461%
89	13.163	1881	1883	1887	rVV	295946	264235	2.40%	0.383%
90	13.204	1887	1890	1893	rVV	234258	212271	1.93%	0.307%
91	13.269	1897	1901	1903	rBV	178034	192403	1.75%	0.279%
92	13.292	1903	1905	1908	rVV	179913	185753	1.69%	0.269%
93	13.327	1908	1911	1915	rVB	218862	247586	2.25%	0.359%
94	13.969	2015	2020	2023	rBV2	1382338	1833614	16.65%	2.655%
95	13.998	2023	2025	2031	rVB	524284	472218	4.29%	0.684%
96	14.363	2082	2087	2090	rVV	168987	196068	1.78%	0.284%
97	15.016	2194	2198	2201	rBV	168021	287375	2.61%	0.416%
98	15.316	2246	2249	2255	rVB	147525	169754	1.54%	0.246%
99	15.380	2255	2260	2265	rBV	254295	323298	2.94%	0.468%
100	15.445	2266	2271	2275	rBV	721320	960609	8.72%	1.391%

Sum of corrected areas: 69060874

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
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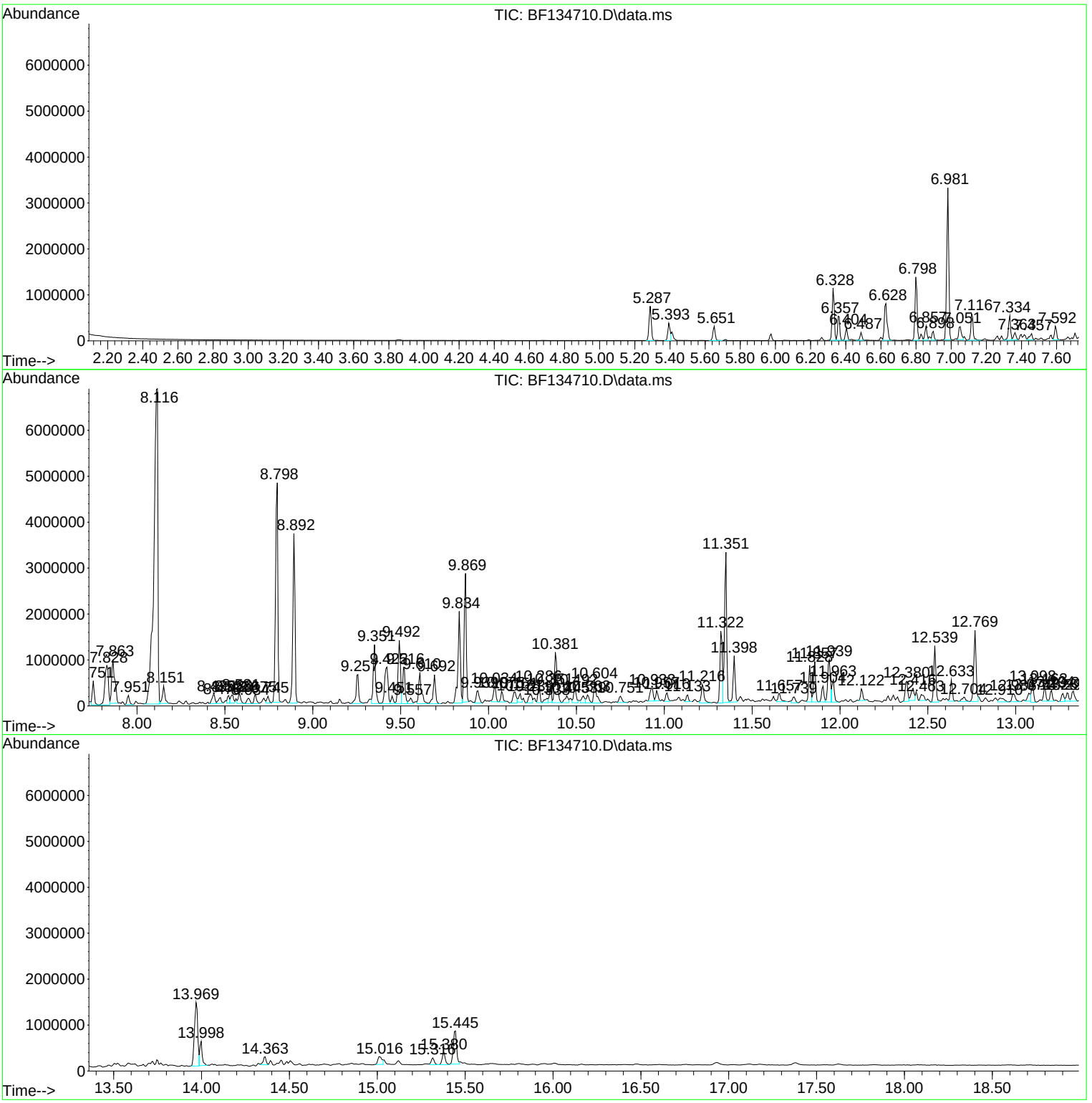
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
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Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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

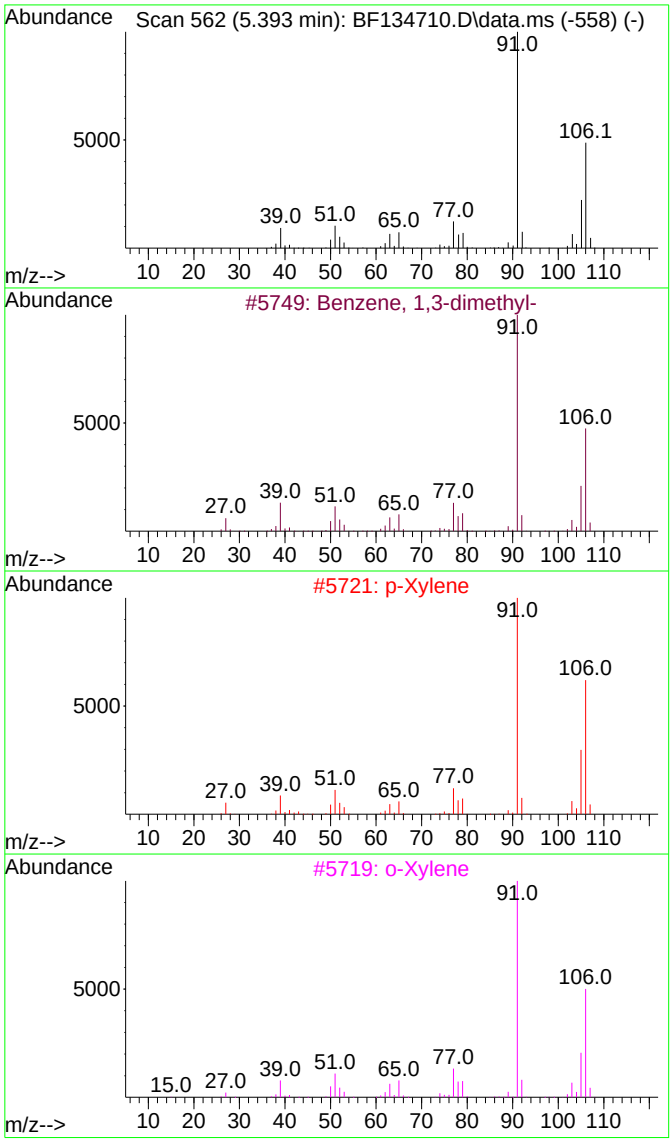
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

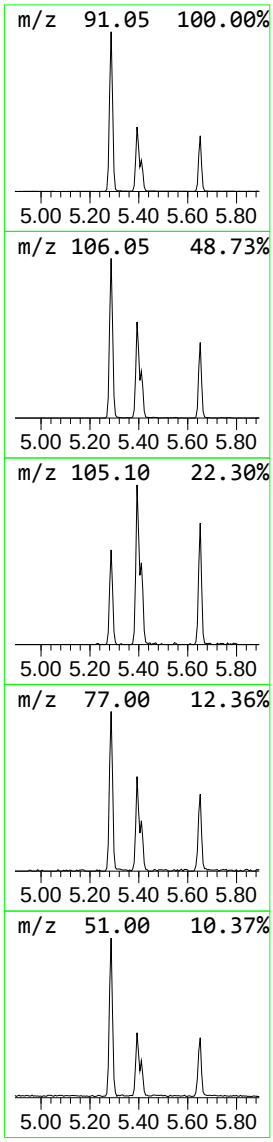
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.393	6.18 ng	355451	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	91
5	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

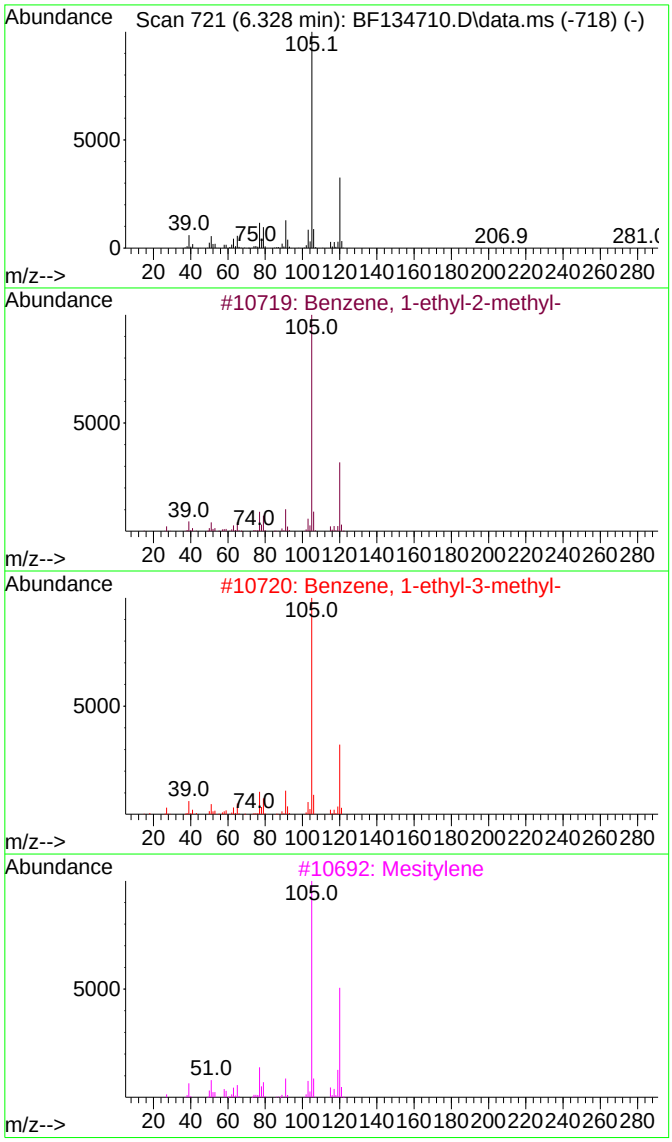
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

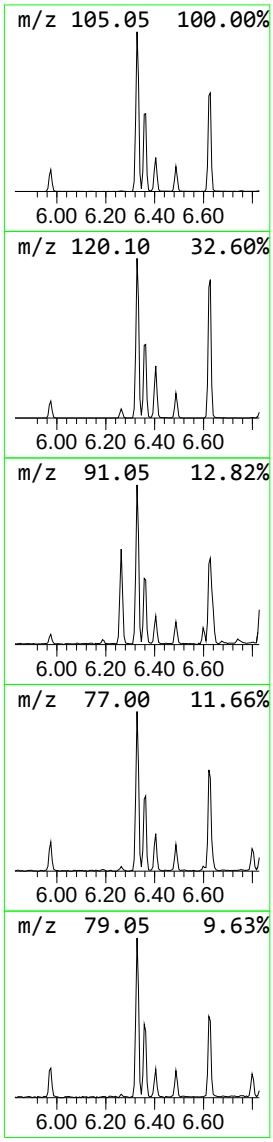
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.328	16.36 ng	941048	1,4-Dichlorobenzene-d4	6.798

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, 1,2,4-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\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

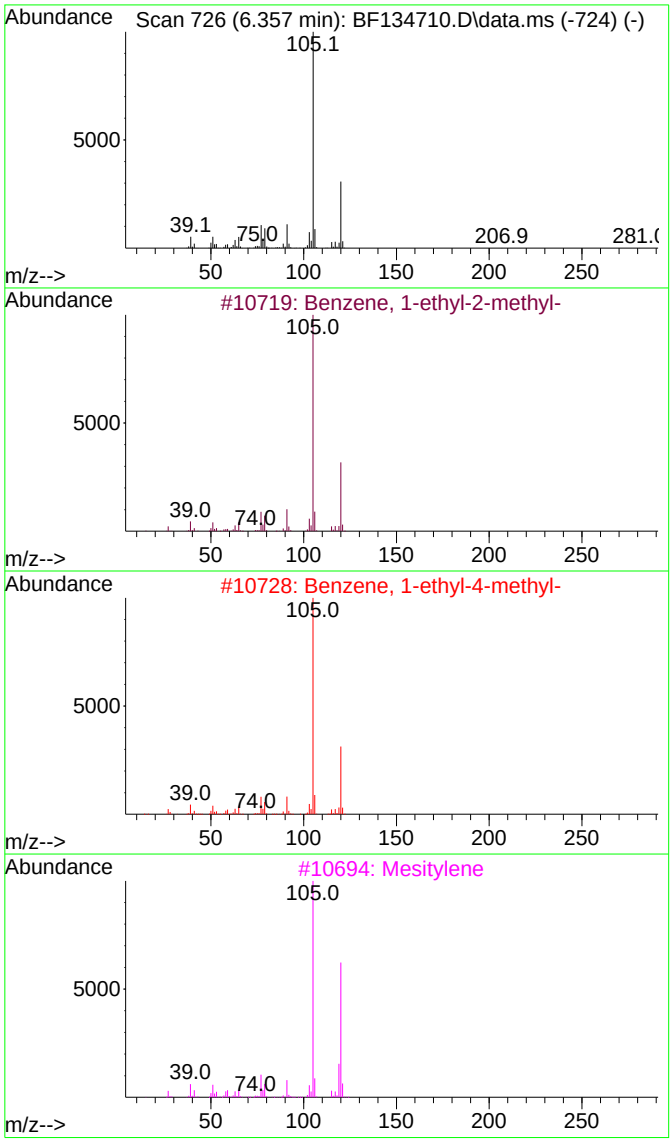
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

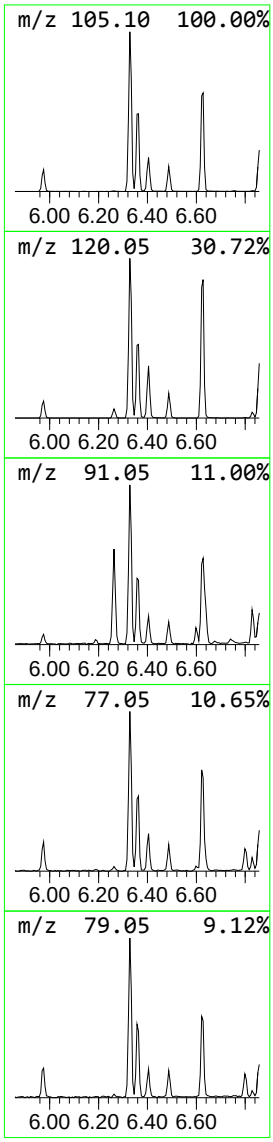
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.357	7.90 ng	454667	1,4-Dichlorobenzene-d4	6.798

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, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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

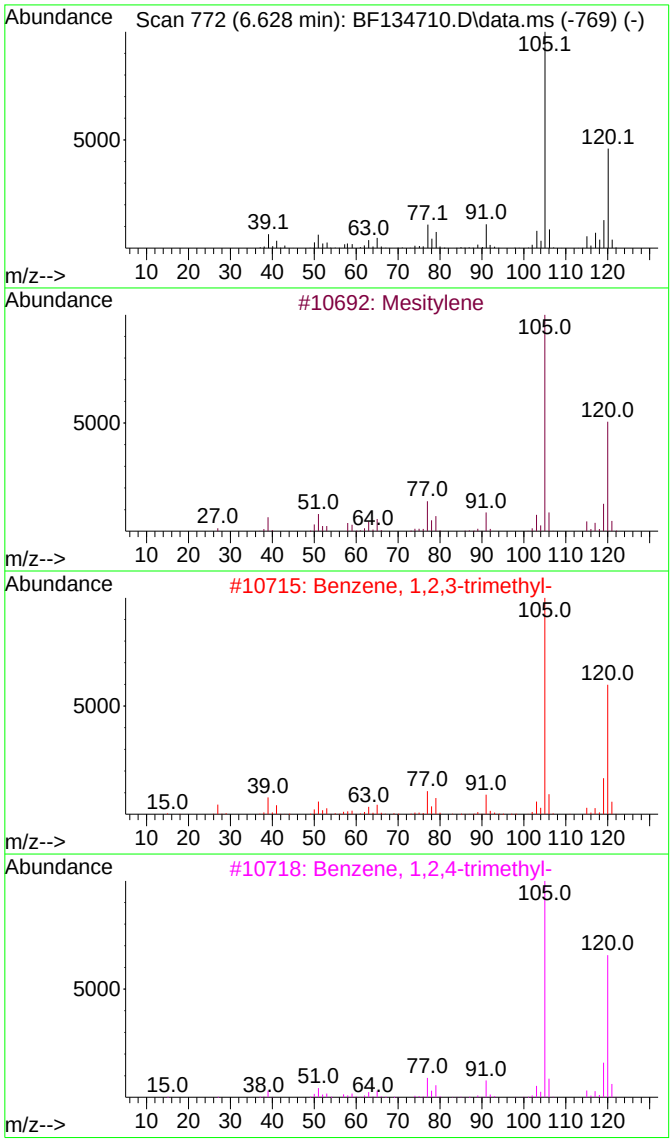
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

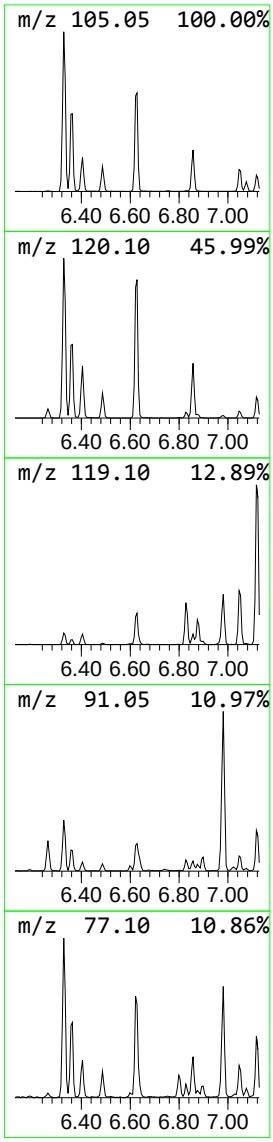
****

Peak Number 5 Mesitylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	15.30 ng	880104	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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

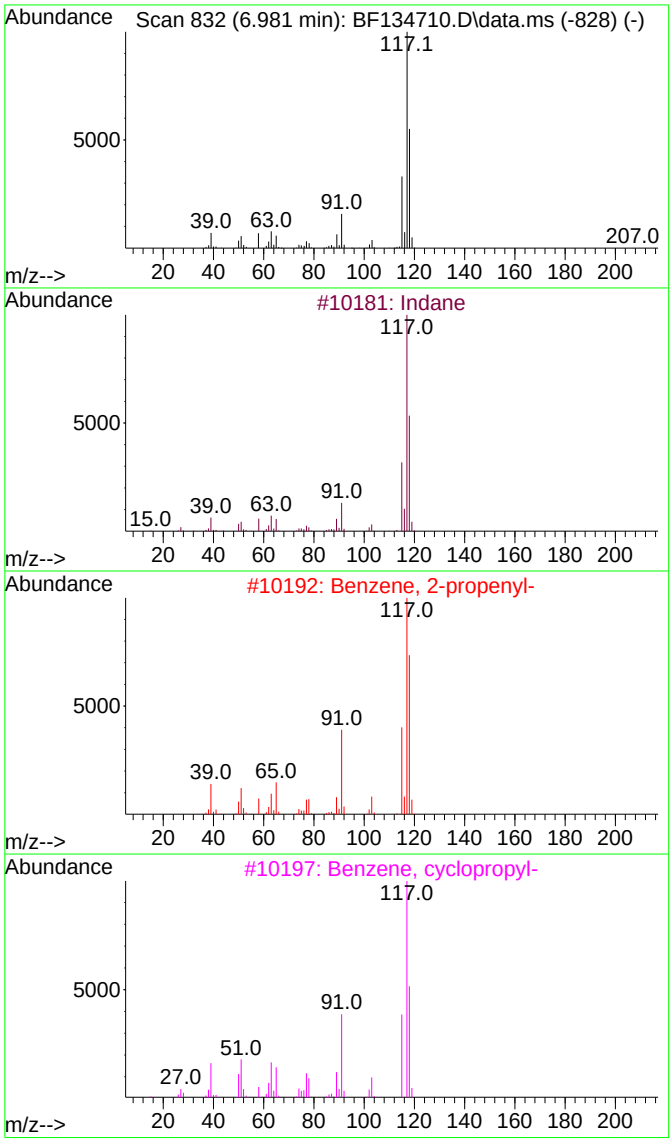
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

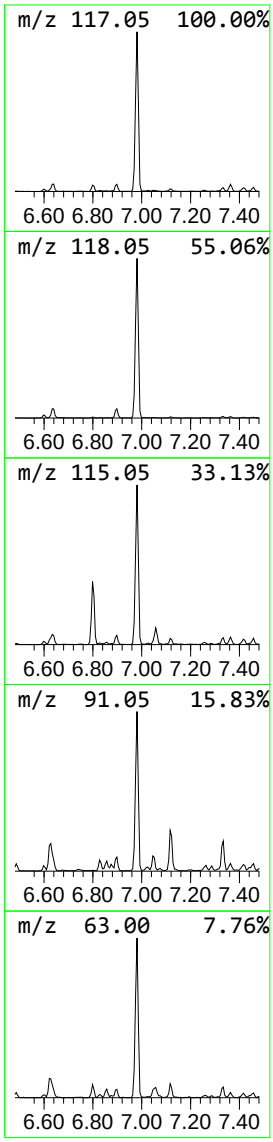
****

Peak Number 6 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.981	46.63 ng	2682140	1,4-Dichlorobenzene-d4	6.798

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	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





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Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

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

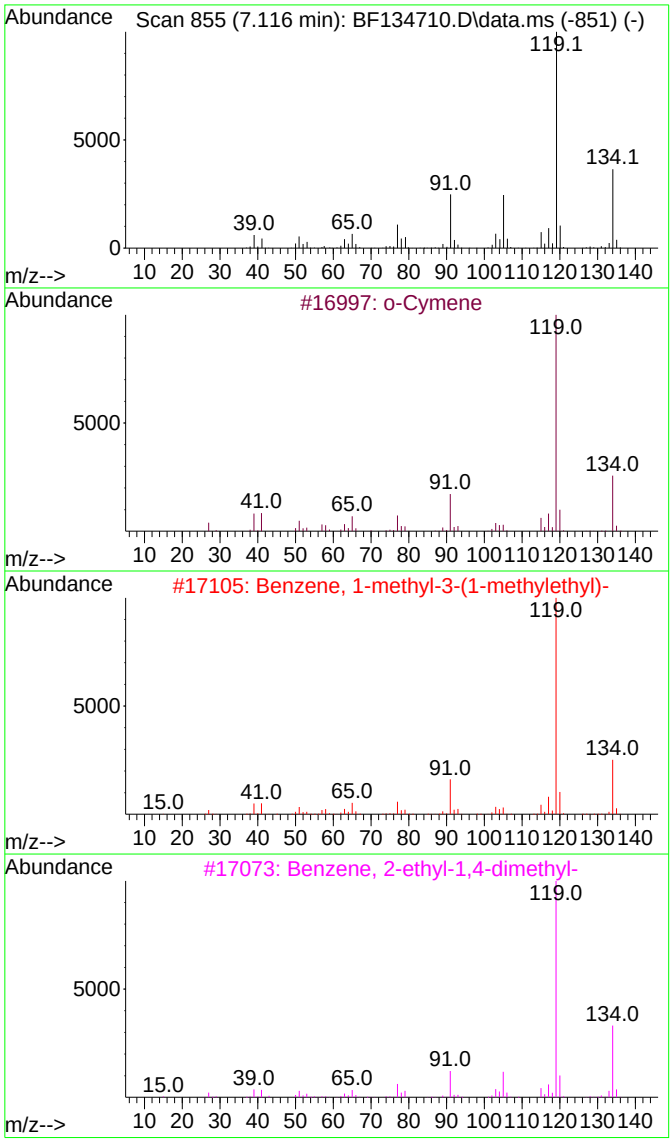
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

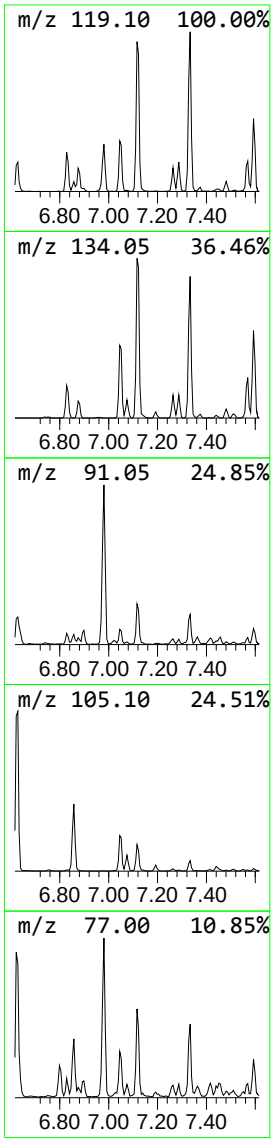
****

Peak Number 7 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	9.14 ng	525768	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Misc :
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Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

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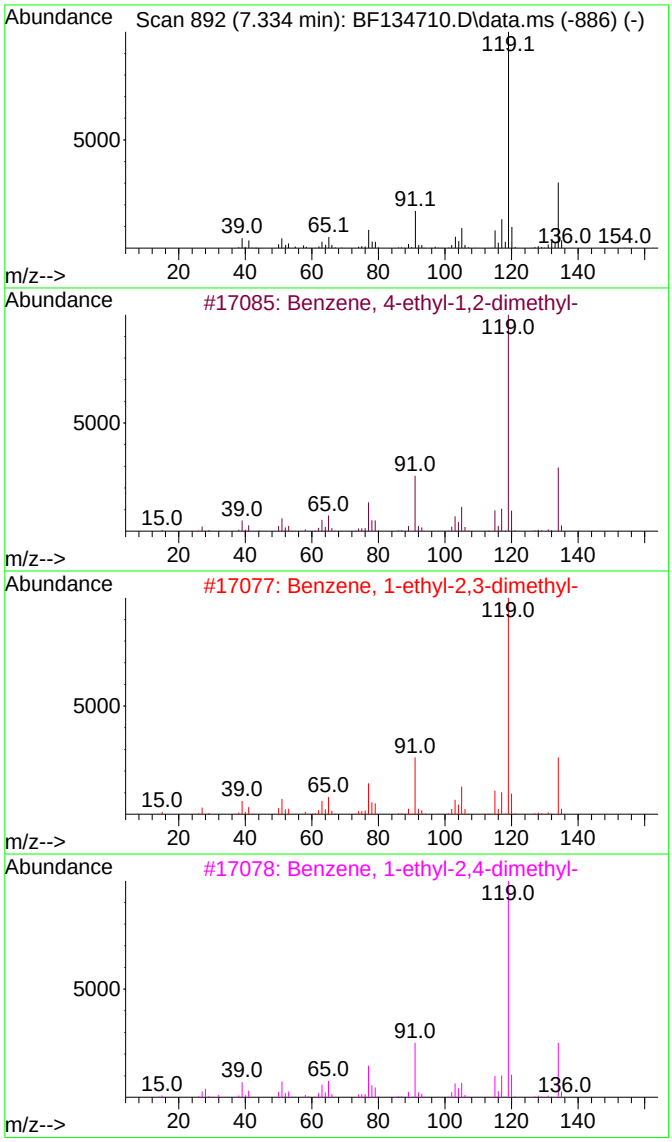
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

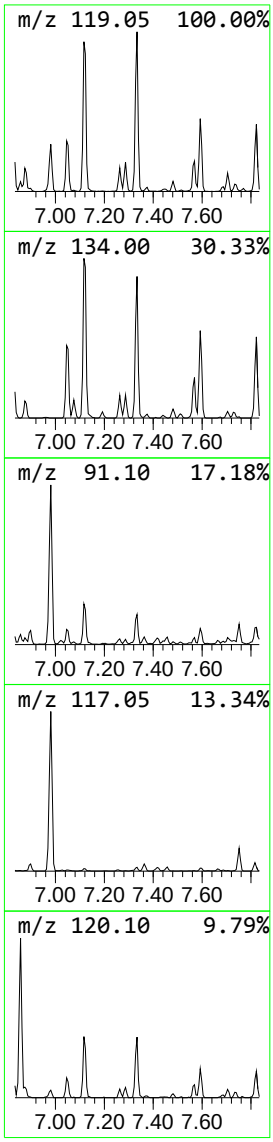
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.334	7.75 ng	446054	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	p-Cymene	134	C10H14	000099-87-6	94
5	o-Cymene	134	C10H14	000527-84-4	94





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Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

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

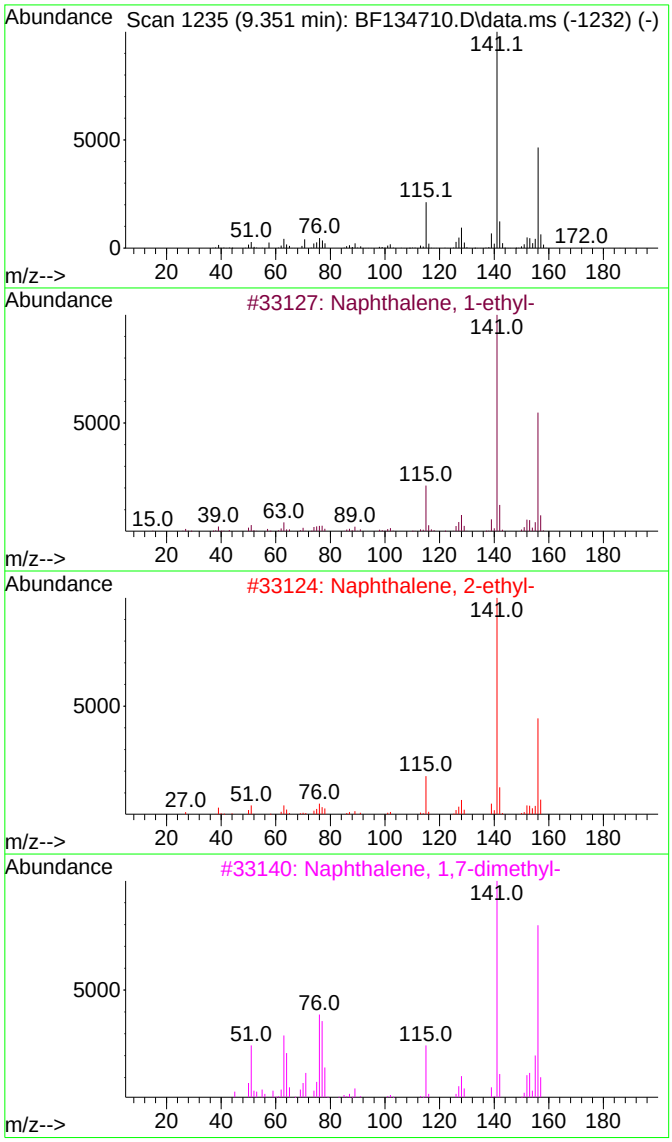
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

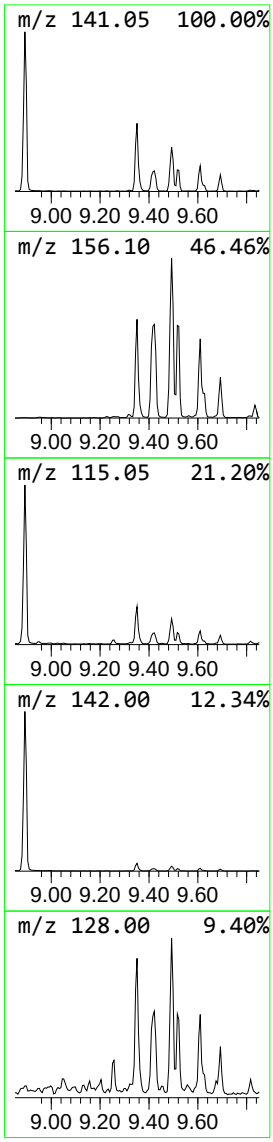
****

Peak Number 9 Naphthalene, 1-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.351	12.24 ng	1157290	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	78
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	5-Acetyl-2-amino-4-methylthiazole	156	C6H8N2OS	030748-47-1	53





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Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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

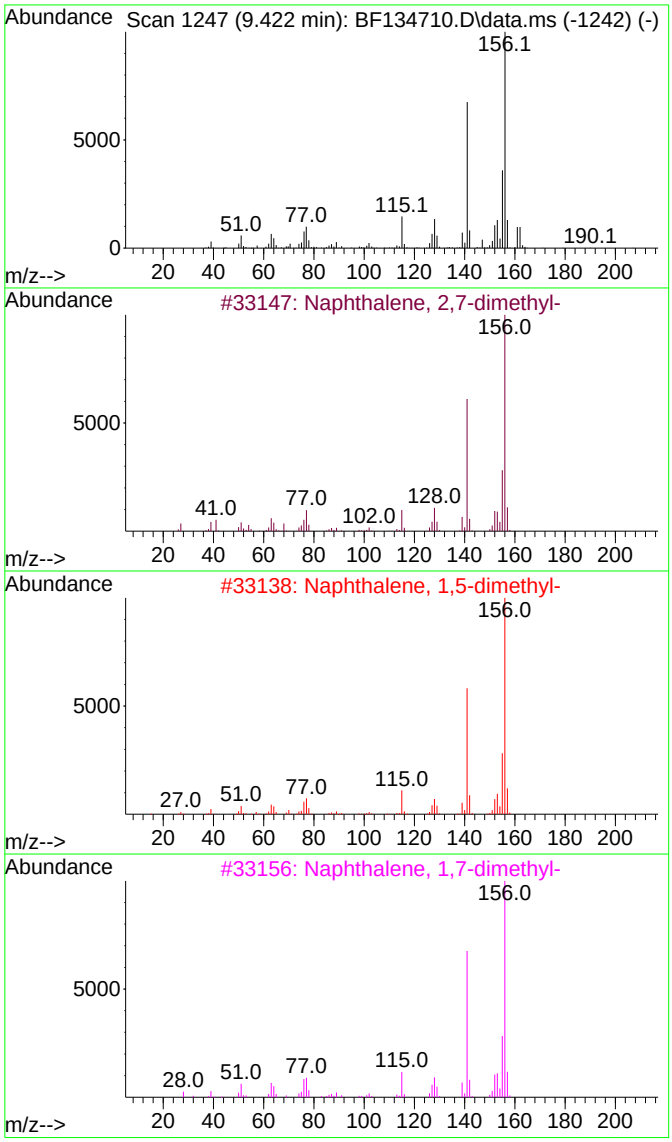
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

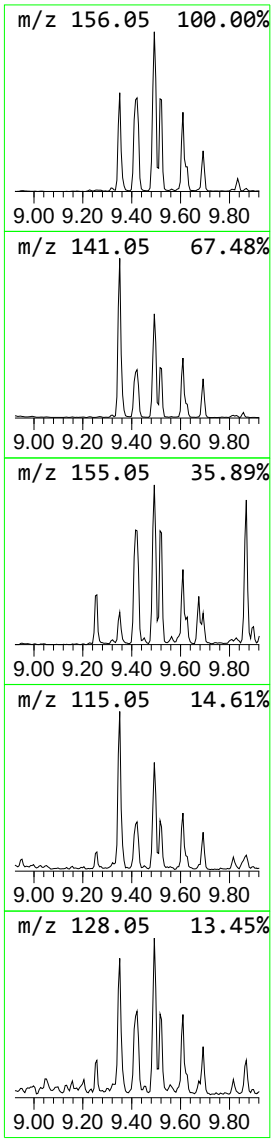
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.422	11.21 ng	1059860	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

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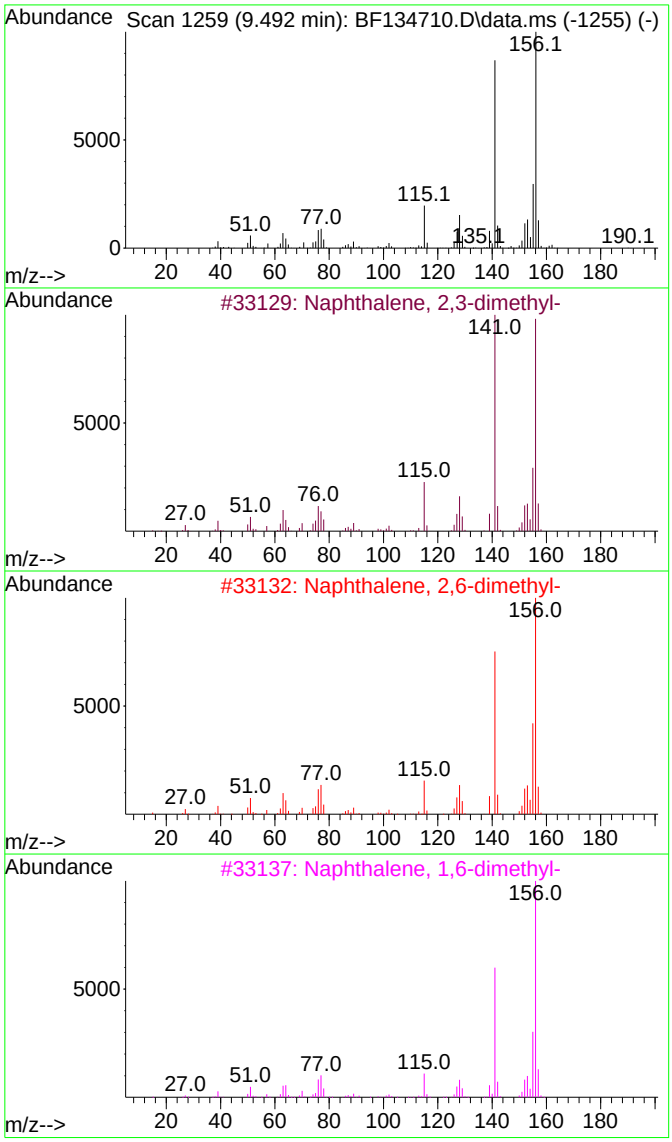
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

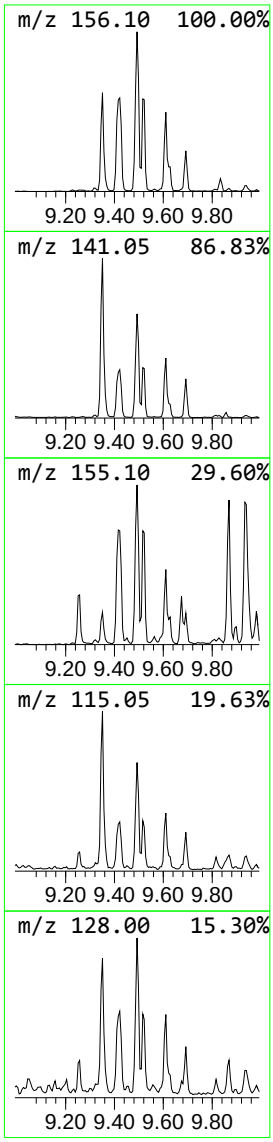
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	13.98 ng	1321650	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

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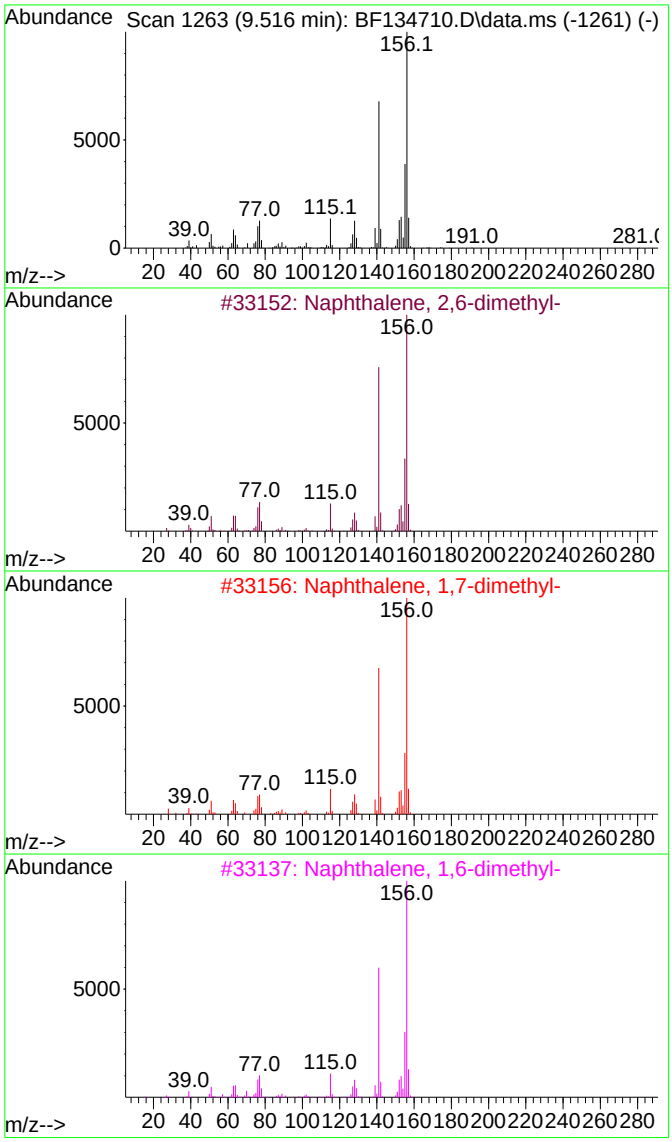
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

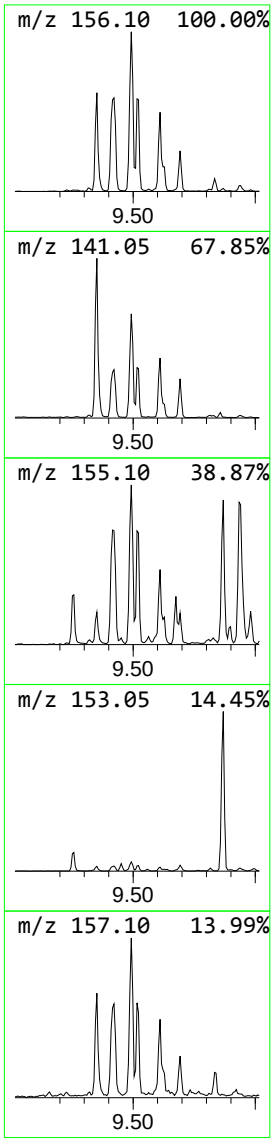
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.516	7.85 ng	742398	Acenaphthene-d10	9.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

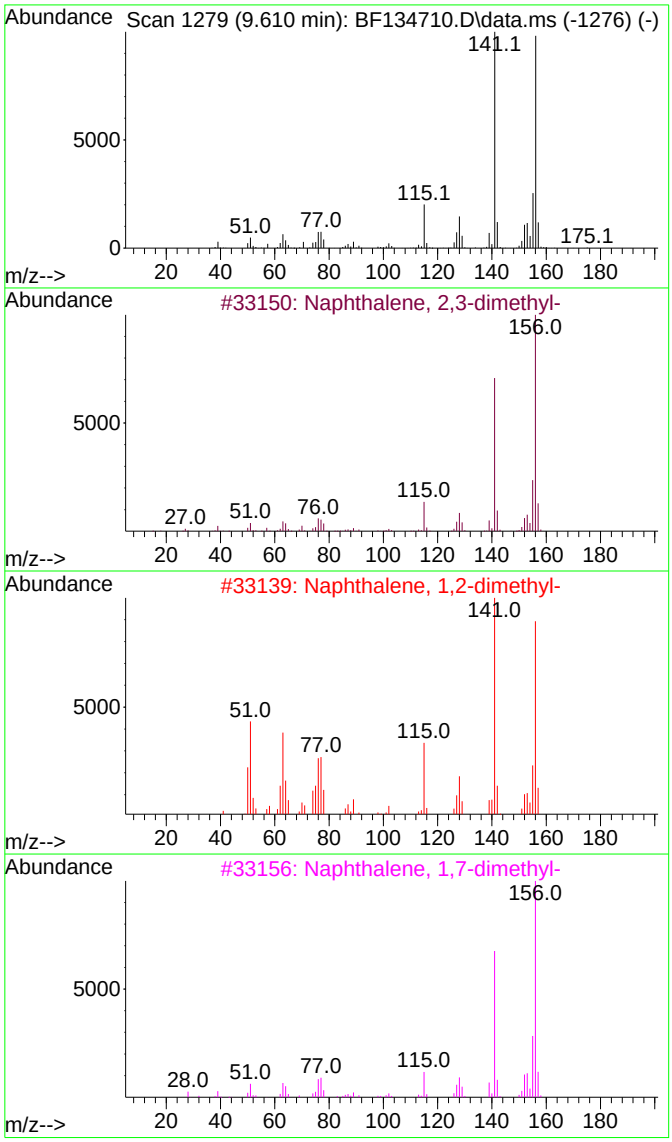
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

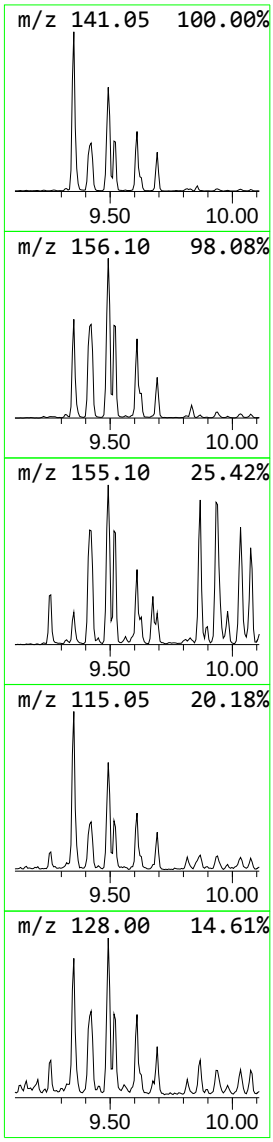
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.610	7.84 ng	740655	Acenaphthene-d10	9.834

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





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Misc :
ALS Vial : 11 Sample Multiplier: 1

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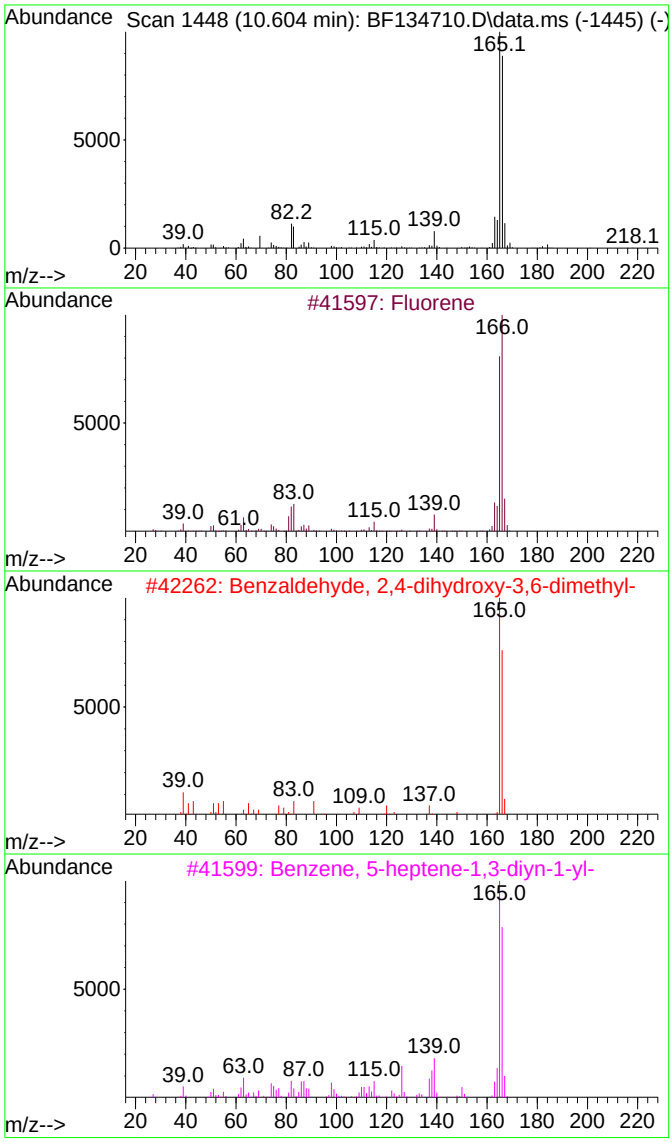
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

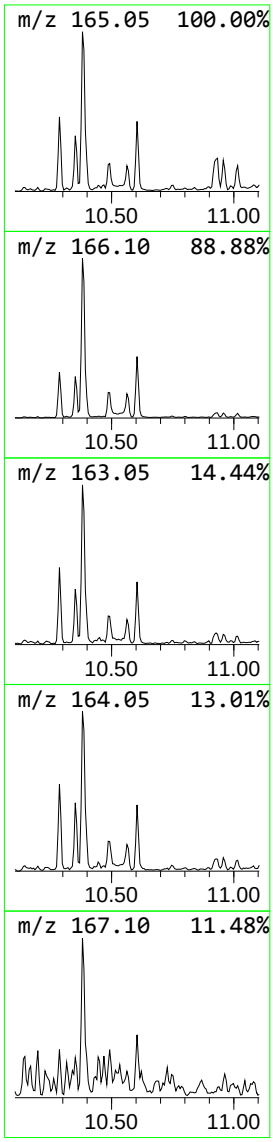
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzaldehyde, 2,4-dihydroxy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.604	6.94 ng	500926	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	93
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	72
3	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	72
4	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
5	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	59





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB-01-Z67-69

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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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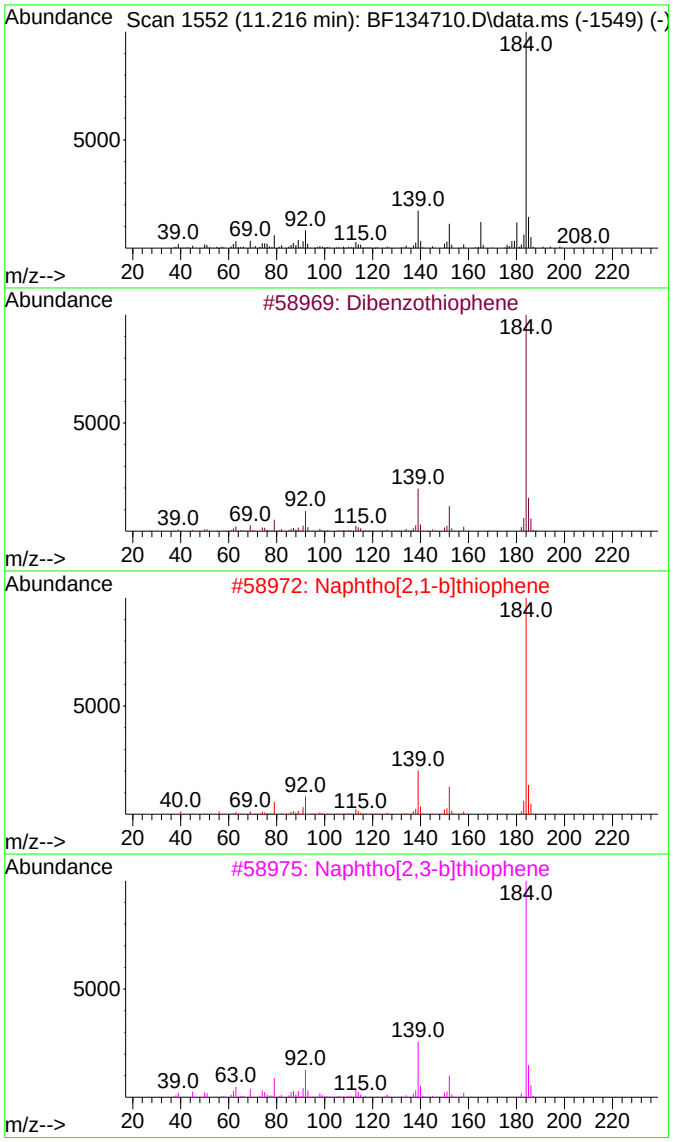
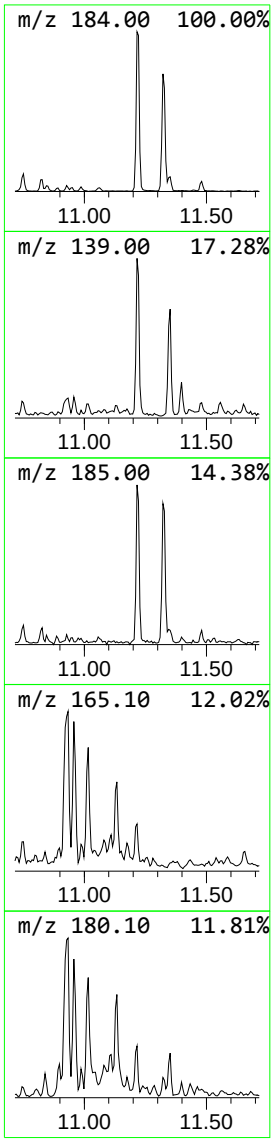
Peak Number 15 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	6.03 ng	435402	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

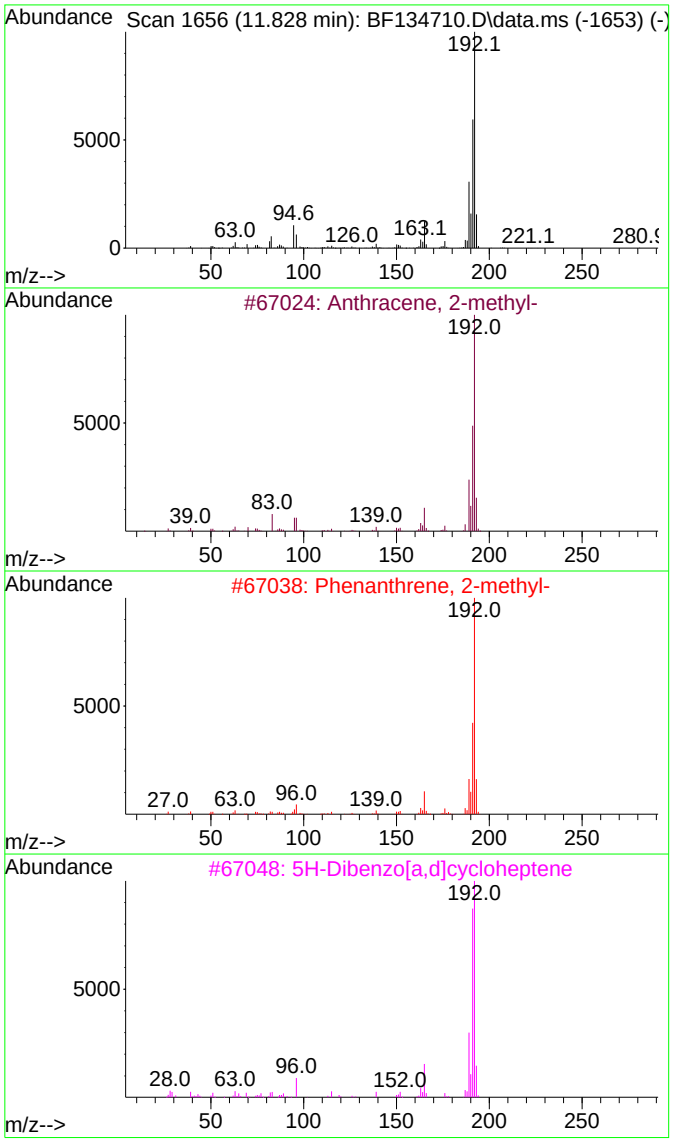
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

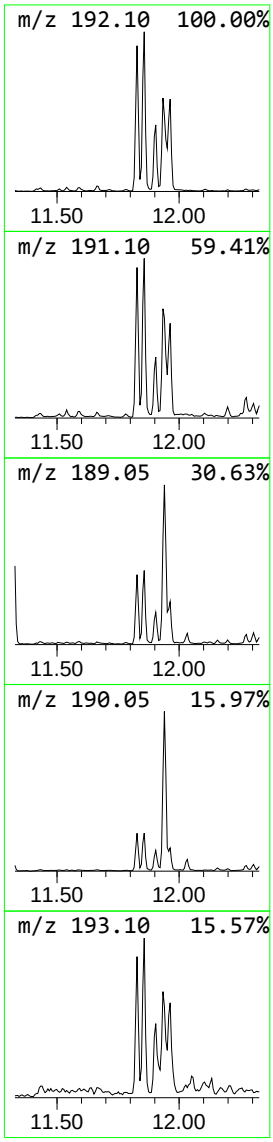
****

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.828	8.95 ng	645683	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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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 17 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	10.08 ng	727641	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
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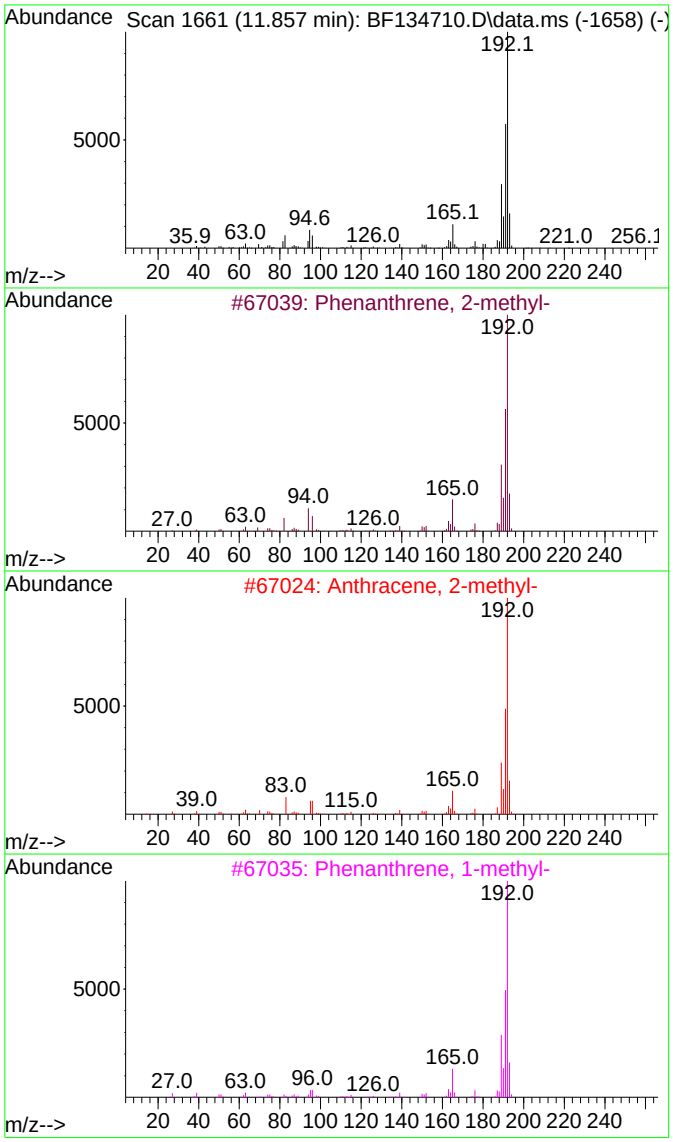
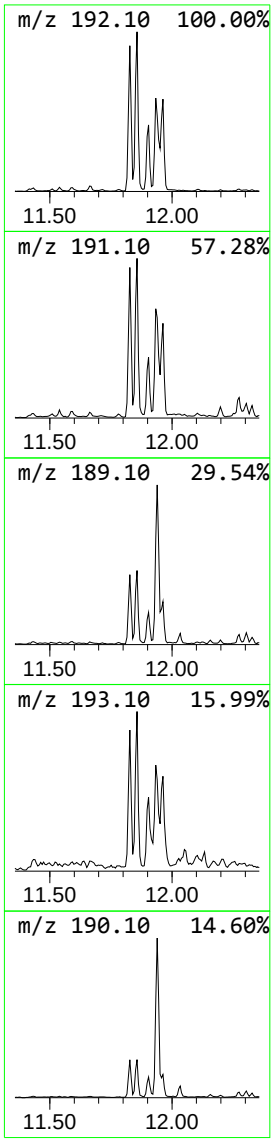
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

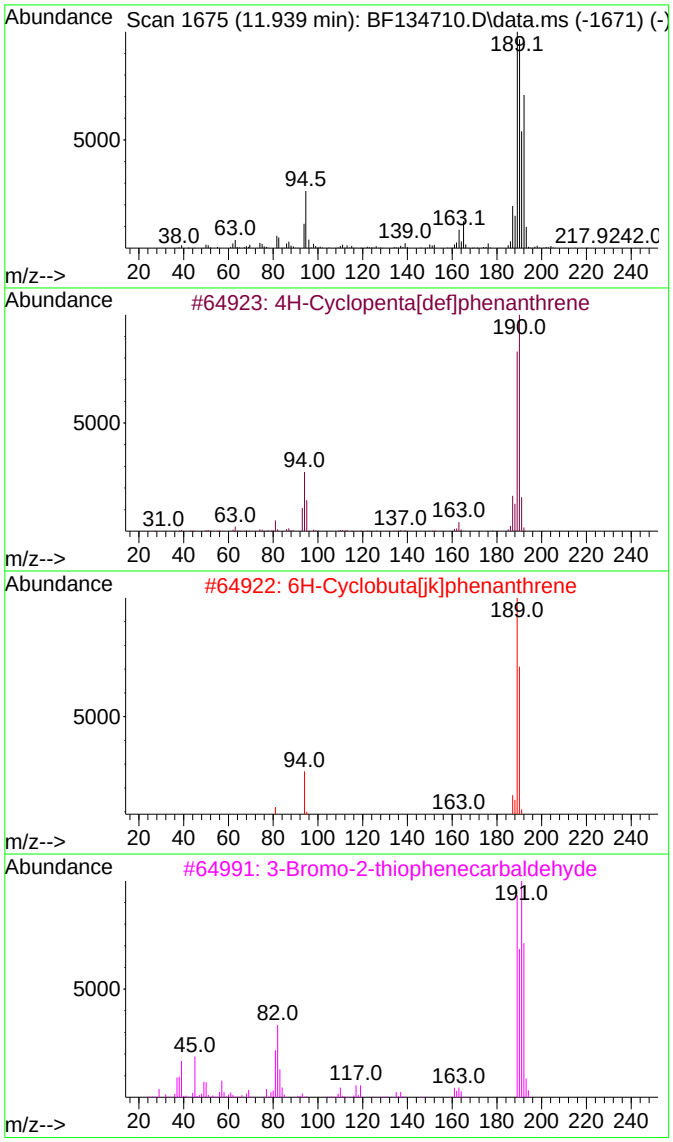
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

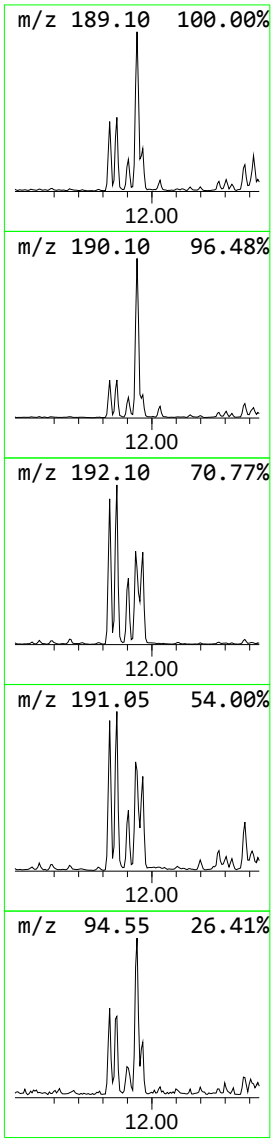
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	14.04 ng	1012770	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	3-Bromo-2-thiophenecarbaldehyde	190	C5H3BrOS	000930-96-1	50
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

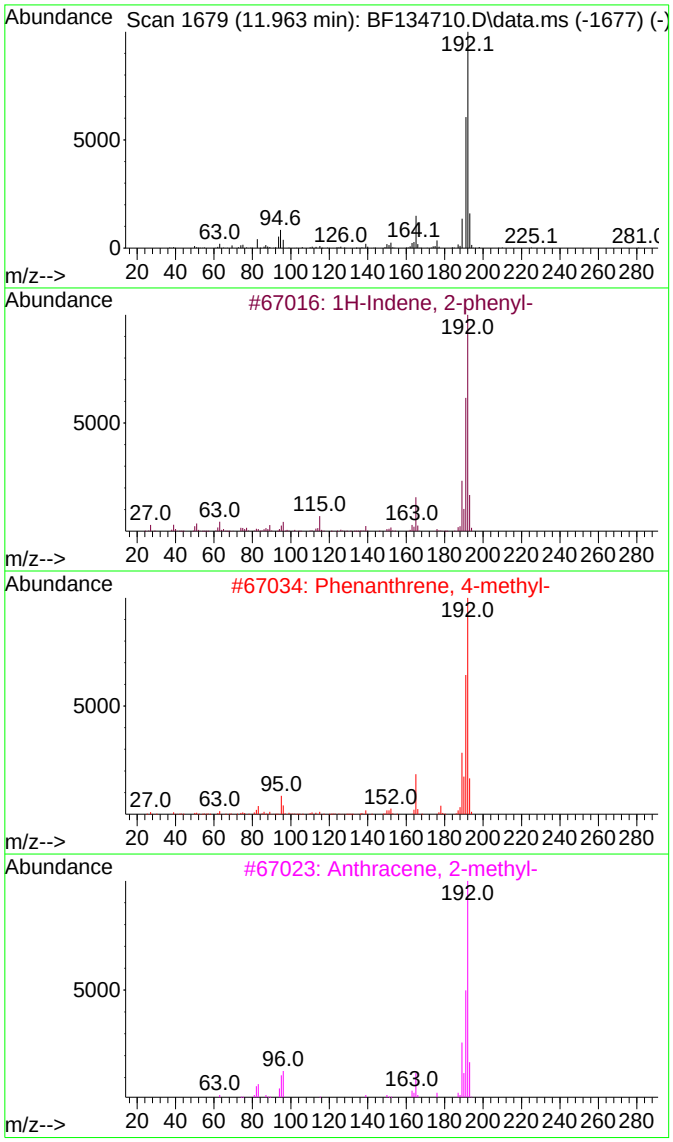
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

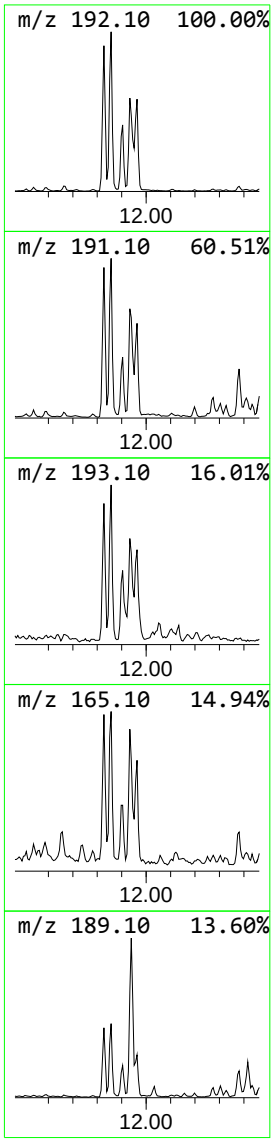
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 2-phenyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.963	5.68 ng	409735	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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

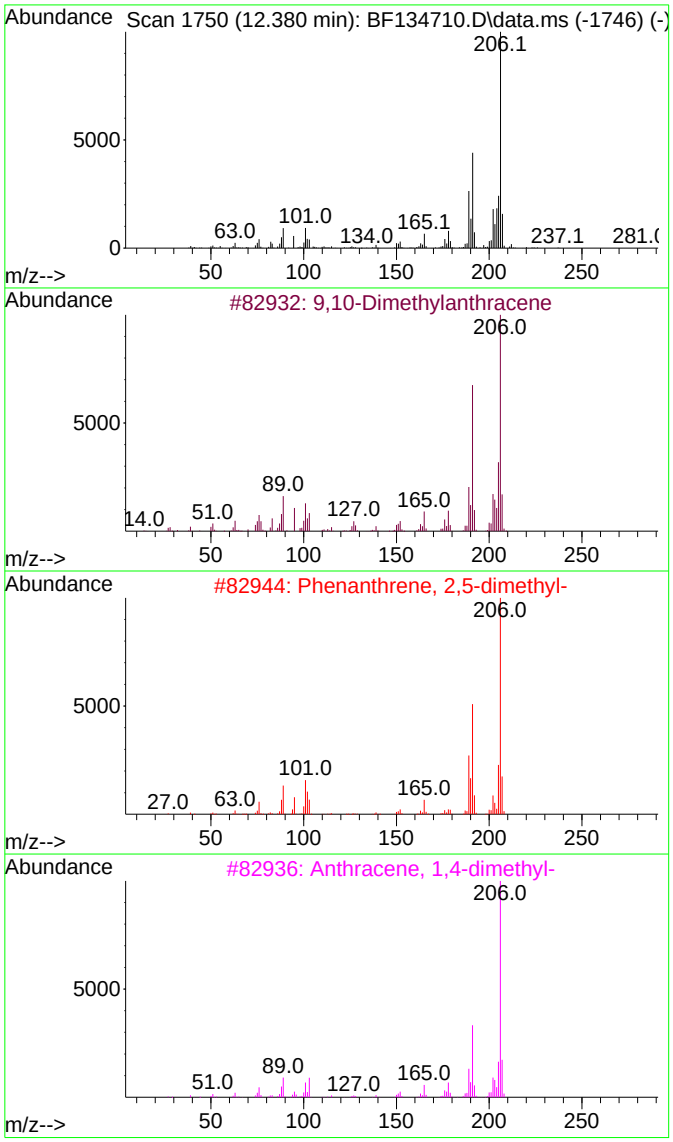
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

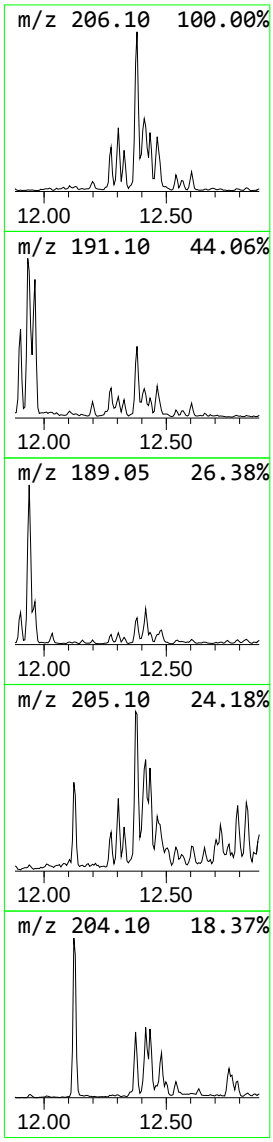
****

Peak Number 20 9,10-Dimethylanthracene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.380	6.33 ng	456570	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
Data File : BF134710.D
Acq On : 10 Aug 2023 15:44
Operator : CG\JU
Sample : 03932-04 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB-01-Z67-69

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, 1,3-di...	5.393	6.2	ng	355451	1	6.798	1150410	20.0
Benzene, 1-ethy...	6.328	16.4	ng	941048	1	6.798	1150410	20.0
Benzene, 1-ethy...	6.357	7.9	ng	454667	1	6.798	1150410	20.0
Mesitylene	6.628	15.3	ng	880104	1	6.798	1150410	20.0
Indane	6.981	46.6	ng	2682140	1	6.798	1150410	20.0
o-Cymene	7.116	9.1	ng	525768	1	6.798	1150410	20.0
Benzene, 4-ethy...	7.334	7.8	ng	446054	1	6.798	1150410	20.0
Naphthalene, 1-...	9.351	12.2	ng	1157290	3	9.834	1890360	20.0
Naphthalene, 2,...	9.422	11.2	ng	1059860	3	9.834	1890360	20.0
Naphthalene, 2,...	9.492	14.0	ng	1321650	3	9.834	1890360	20.0
Naphthalene, 2,...	9.516	7.8	ng	742398	3	9.834	1890360	20.0
Naphthalene, 1,...	9.610	7.8	ng	740655	3	9.834	1890360	20.0
Benzaldehyde, 2...	10.604	6.9	ng	500926	4	11.322	1443140	20.0
Dibenzothiophene	11.216	6.0	ng	435402	4	11.322	1443140	20.0
Anthracene, 2-m...	11.828	8.9	ng	645683	4	11.322	1443140	20.0
Phenanthrene, 2...	11.857	10.1	ng	727641	4	11.322	1443140	20.0
4H-Cyclopenta[d...	11.939	14.0	ng	1012770	4	11.322	1443140	20.0
1H-Indene, 2-ph...	11.963	5.7	ng	409735	4	11.322	1443140	20.0
9,10-Dimethylan...	12.380	6.3	ng	456570	4	11.322	1443140	20.0