LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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: BF134787.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	539	544	548	rBV	4379838	4574894	18.02%	1.323%
2	5.393	557	562	564	rBV	2179927	2346606	9.25%	0.678%
3	5.651	601	606	609	rBV	1911682	1794288	7.07%	0.519%
4	6.328	717	721	724	rVV	3570719	3442973	13.56%	0.995%
5	6.363	724	727	730	rVB	2740822	2431369	9.58%	0.703%
6	6.404	730	734	736	rBV	1312888	1111604	4.38%	0.321%
7	6.487	743	748	751	rBV	1375929	1117452	4.40%	0.323%
8	6.628	768	772	779	rVB2	3994903	4198607	16.54%	1.214%
9	6.798	797	801	804	rBV	1281907	1134239	4.47%	0.328%
10	6.857	808	811	813	rVV	1817448	1564050	6.16%	0.452%
11	6.993	827	834	837	rVB	6732363	9213599	36.30%	2.664%
12	7.051	841	844	846	rVV2	1606489	1540757	6.07%	0.445%
13	7.116	851	855	863	rVB	2528459	2534556	9.99%	0.733%
14	7.334	887	892	894	rBV	3097362	2609222	10.28%	0.754%
15	7.592	934	936	940	rVB	1758233	1493625	5.88%	0.432%
16	7.751	961	963	968	rVB	2109252	1870567	7.37%	0.541%
17	7.828	968	976	980	rBV3	3752792	6553348	25.82%	1.895%
18	7.869	980	983	988	rVV	3979406	5746472	22.64%	1.661%
19	7.951	994	997	1000	rBV2	957419	919264	3.62%	0.266%
20	8.140	1014	1029	1032	rVV	7777948	25381976	100.00%	7.339%
21	8.169	1032	1034	1037	rVB	2360988	1597171	6.29%	0.462%
22	8.439	1076	1080	1082	rVV	1290043	1583695	6.24%	0.458%
23	8.475	1082	1086	1089	rVV3	956647	1187295	4.68%	0.343%
24	8.522	1089	1094	1095	rVV2	1268424	1446347	5.70%	0.418%
25	8.545	1095	1098	1100	rVV2	1505045	1728532	6.81%	0.500%
26	8.587	1103	1105	1110	rVV	1626970	1549682	6.11%	0.448%
27	8.639	1110	1114	1117	rVV3	733226	911900	3.59%	0.264%
28	8.751	1130	1133	1136	rVV2	1060814	1281218	5.05%	0.370%
29	8.816	1136	1144	1147	rVB	6938745	12354256	48.67%	3.572%
30	8.916	1153	1161	1164	rBV	6930114	13180437	51.93%	3.811%
31	9.257	1213	1219	1223	rBV	4017602	4136454	16.30%	1.196%
32	9.363	1232	1237	1241	rVB	5222906	7083298	27.91%	2.048%
33	9.434	1241	1249	1251	rBV	5096941	7802824	30.74%	2.256%
34	9.510	1256	1262	1264	rBV	5788326	8708598	34.31%	2.518%
35	9.534	1264	1266	1269	rVV	5228313	4332110	17.07%	1.253%
36	9.622	1277	1281	1288	rVB	4164511	5654496	22.28%	1.635%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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	9.698	1292	1294	1300	rVB	4145286	3839702	15.13%	1.110%
38	9.834	1311	1317	1320	rBV2	3306487	3682460	14.51%	1.065%
39	9.892	1320	1327	1332	rVB	6771789	11945784	47.06%	3.454%
40	9.945	1332	1336	1340	rVB	1607788	2121649	8.36%	0.613%
41	10.039	1346	1352	1356	rVB2	2924469	3187078	12.56%	0.921%
42	10.081	1356	1359	1362	rBV	2388101	1861420	7.33%	0.538%
43	10.151	1367	1371	1374	rBV2	2922055	3941321	15.53%	1.140%
44	10.186	1374	1377	1379	rVV	2223555	2249226	8.86%	0.650%
45	10.245	1382	1387	1389	rVV3	1759871	2622891	10.33%	0.758%
46	10.298	1393	1396	1398	rVB	2946809	2590417	10.21%	0.749%
47	10.363	1404	1407	1409	rVB	2013385	1834032	7.23%	0.530%
48	10.398	1409	1413	1417	rVB	5276769	7535473	29.69%	2.179%
49	10.451	1417	1422	1424	rBV3	1353377	1860163	7.33%	0.538%
50	10.498	1428	1430	1433	rVV2	2376886	2077096	8.18%	0.601%
51	10.545	1435	1438	1440	rVV2	1167930	1259396	4.96%	0.364%
52	10.575	1440	1443	1446	rVB	1527052	1573541	6.20%	0.455%
53	10.610	1446	1449	1456	rVB2	3222049	4264927	16.80%	1.233%
54	10.751	1470	1473	1478	rVB2	1319647	1437817	5.66%	0.416%
55	10.939	1500	1505	1507	rBV	2479484	3222101	12.69%	0.932%
56	10.969	1507	1510	1513	rVB	1864978	1571001	6.19%	0.454%
57	11.022	1516	1519	1522	rBV	1783043	1657891	6.53%	0.479%
58	11.086	1527	1530	1532	rVV3	1114532	1357312	5.35%	0.392%
59	11.139	1536	1539	1543	rVV	1499223	1746330	6.88%	0.505%
60	11.228	1549	1554	1562	rVB2	3204755	3806009	14.99%	1.100%
61	11.380	1568	1580	1582	rBV	6949932	15132501	59.62%	4.375%
62	11.422	1582	1587	1589	rVV	5195028	5578763	21.98%	1.613%
63	11.663	1624	1628	1639	rVB3	1697061	2162902	8.52%	0.625%
64	11.745	1639	1642	1645	rVB	1194011	1337880	5.27%	0.387%
65	11.839	1654	1658	1660	rBV	4227311	4418597	17.41%	1.278%
66	11.869	1660	1663	1666	rVB	4678875	4556262	17.95%	1.317%
67	11.916	1667	1671	1674	rBV	2629800	2682228	10.57%	0.776%
68	11.951	1674	1677	1680	rBV	4708069	6309418	24.86%	1.824%
69	11.975	1680	1681	1684	rVB	3591373	2198574	8.66%	0.636%
70	12.127	1704	1707	1710	rBV	2040619	1747859	6.89%	0.505%
71	12.275	1730	1732	1735	rVV	892211	936203	3.69%	0.271%
72	12.310	1735	1738	1740	rVV	1115655	1082699	4.27%	0.313%
73	12.386	1744	1751	1754	rBV	3115982	3770422	14.85%	1.090%
74	12.422	1754	1757	1759	rVV	1850374	2345711	9.24%	0.678%
75	12.445	1759	1761	1763	rVB	1426502	1096900	4.32%	0.317%
76	12.557	1775	1780	1783	rBV	5385276	6096786	24.02%	1.763%

LSC Area Percent Report

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Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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	12.645	1792	1795	1798	rVB	2981192	2600289	10.24%	0.752%
78	12.716	1802	1807	1813	rVB4	757373	1388368	5.47%	0.401%
79	12.792	1813	1820	1824	rBV	5833341	8556904	33.71%	2.474%
80	12.992	1850	1854	1861	rVB2	1371932	1955615	7.70%	0.565%
81	13.080	1866	1869	1871	rVV2	1211649	1662922	6.55%	0.481%
82	13.110	1871	1874	1876	rVB	2623866	2542204	10.02%	0.735%
83	13.174	1882	1885	1888	rVV	2203969	2018191	7.95%	0.584%
84	13.210	1888	1891	1894	rVV	1864150	1629720	6.42%	0.471%
85	13.274	1898	1902	1905	rBV	1620400	1866563	7.35%	0.540%
86	13.304	1905	1907	1909	rVV	1455637	1164735	4.59%	0.337%
87	13.333	1909	1912	1921	rVB	1936859	2505672	9.87%	0.724%
88	13.586	1951	1955	1960	rBV2	586200	1149350	4.53%	0.332%
89	13.727	1976	1979	1981	rVV	853357	974878	3.84%	0.282%
90	13.751	1981	1983	1986	rVV	1113507	1061790	4.18%	0.307%
91	13.974	2015	2021	2024	rBV2	4127126	6226776	24.53%	1.800%
92	14.010	2024	2027	2034	rVB	3684730	3805818	14.99%	1.100%
93	14.369	2083	2088	2091	rVV	1800588	2360489	9.30%	0.682%
94	14.398	2091	2093	2096	rVV	1104965	913540	3.60%	0.264%
95	14.463	2096	2104	2106	rVV3	879450	1570439	6.19%	0.454%
96	14.510	2110	2112	2117	rVV	1049309	1179010	4.65%	0.341%
97	15.021	2193	2199	2212	rVV	1458396	3300050	13.00%	0.954%
98	15.127	2213	2217	2228	rVB	658323	884971	3.49%	0.256%
99	15.321	2246	2250	2256	rVB	1057104	1303783	5.14%	0.377%
100	15.392	2256	2262	2266	rBV	1826641	2422687	9.54%	0.700%

Sum of corrected areas: 345861287

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
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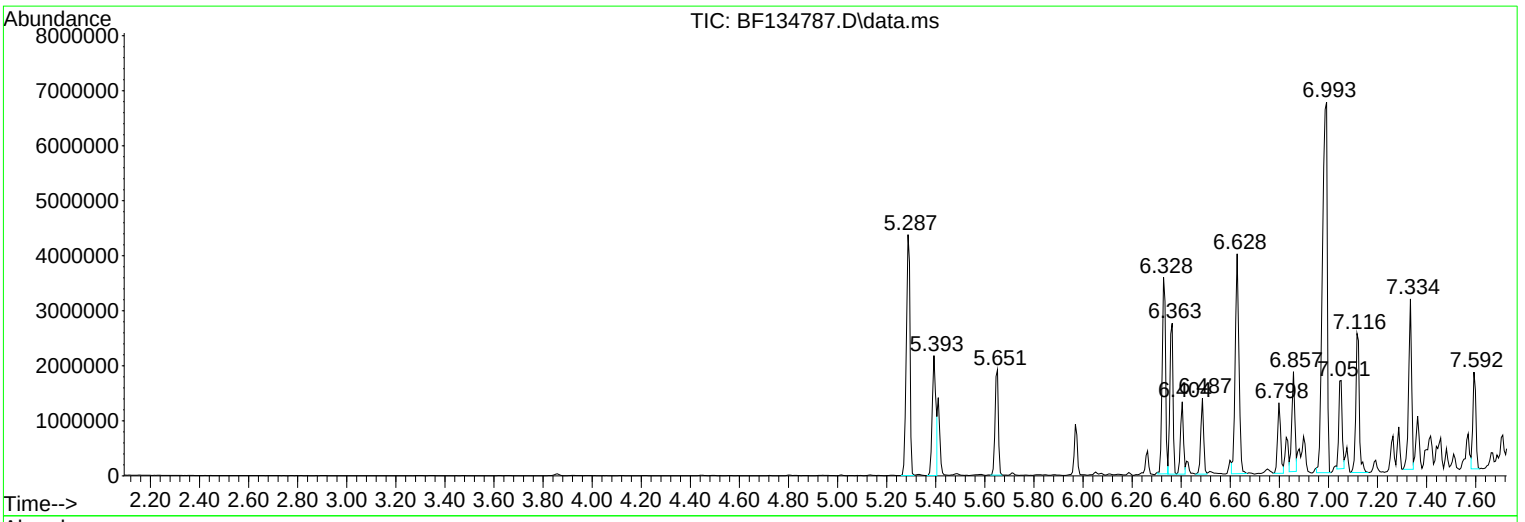
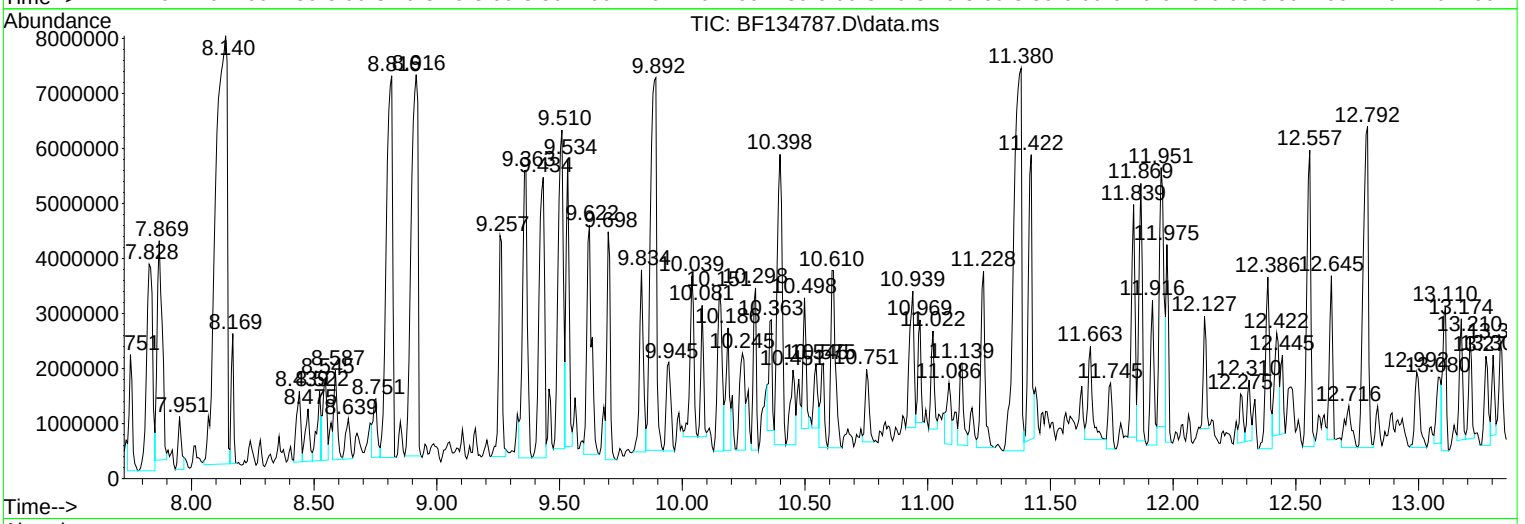
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

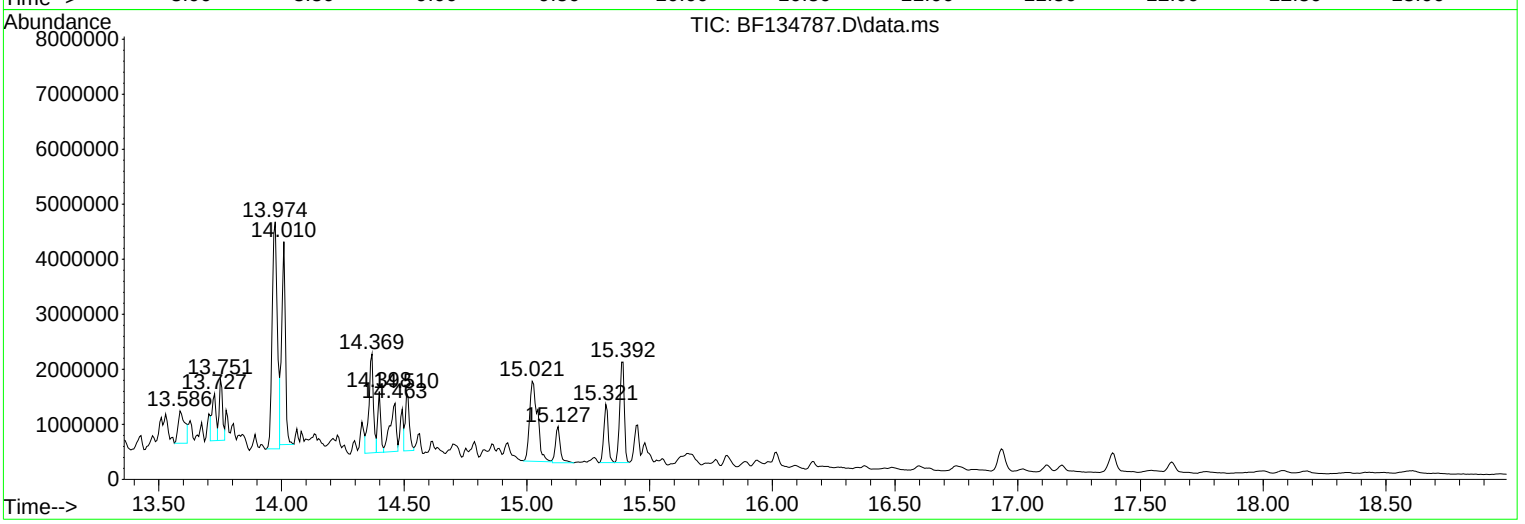
Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

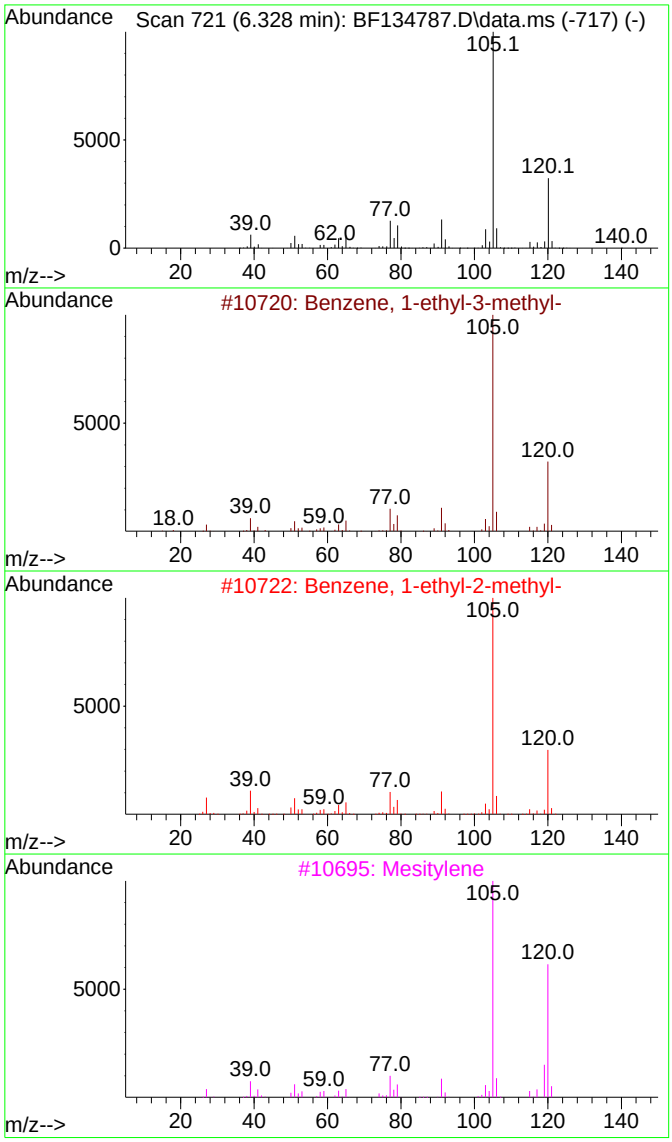
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

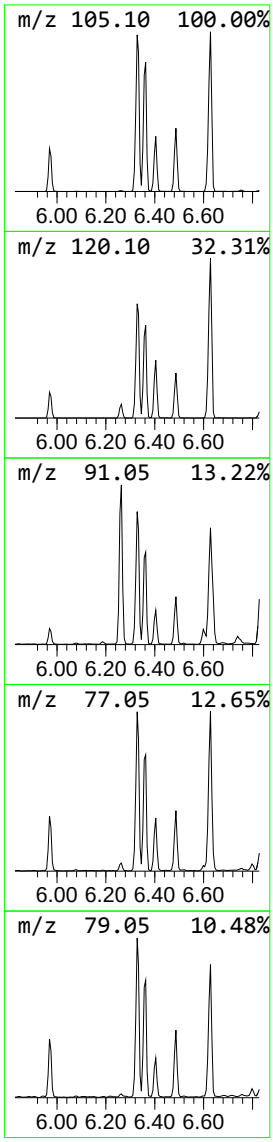
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.328	60.71 ng	3442970	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Sample : 04014-04 10X
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Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

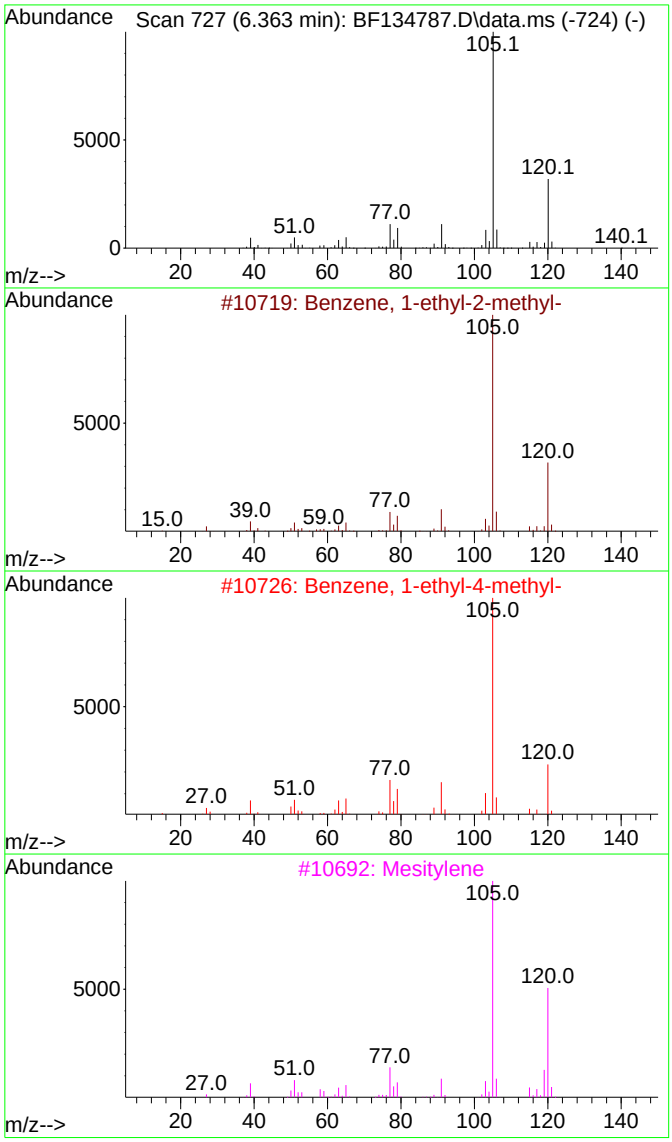
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

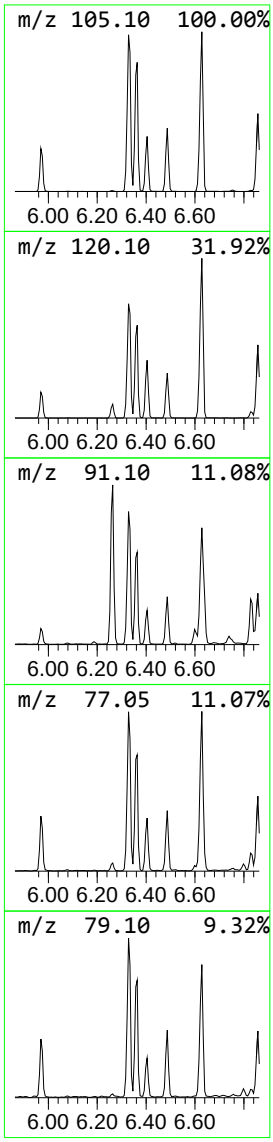
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	42.87 ng	2431370	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

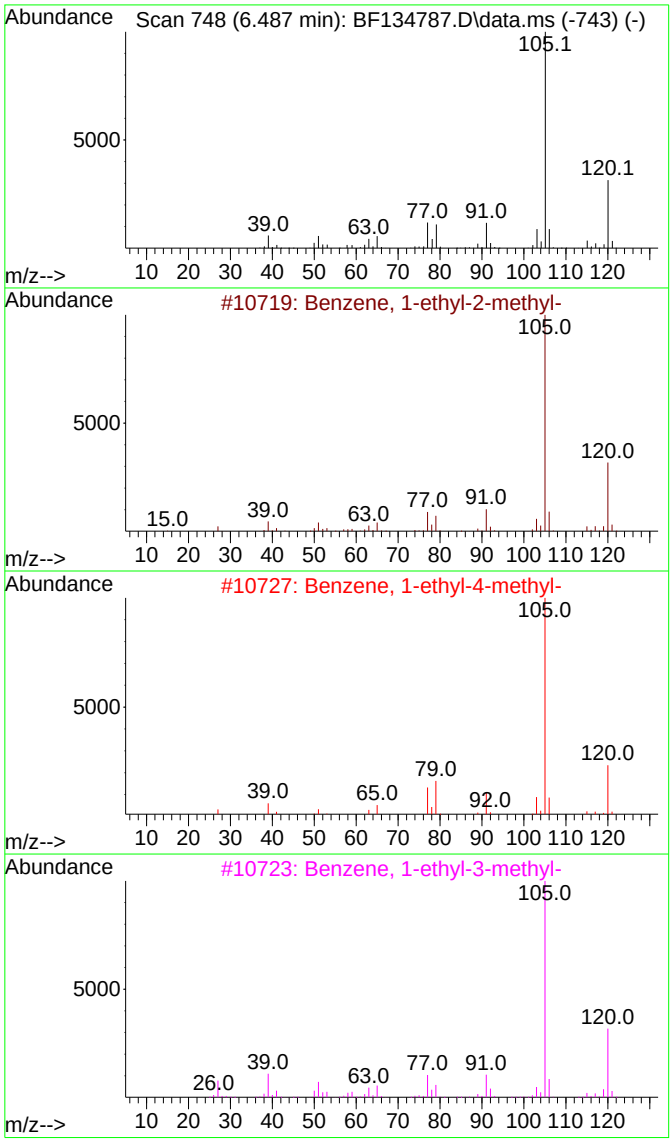
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

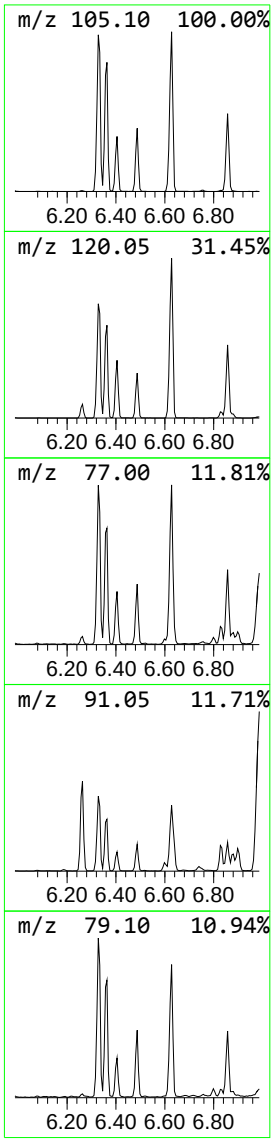
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.487	19.70 ng	1117450	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	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\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

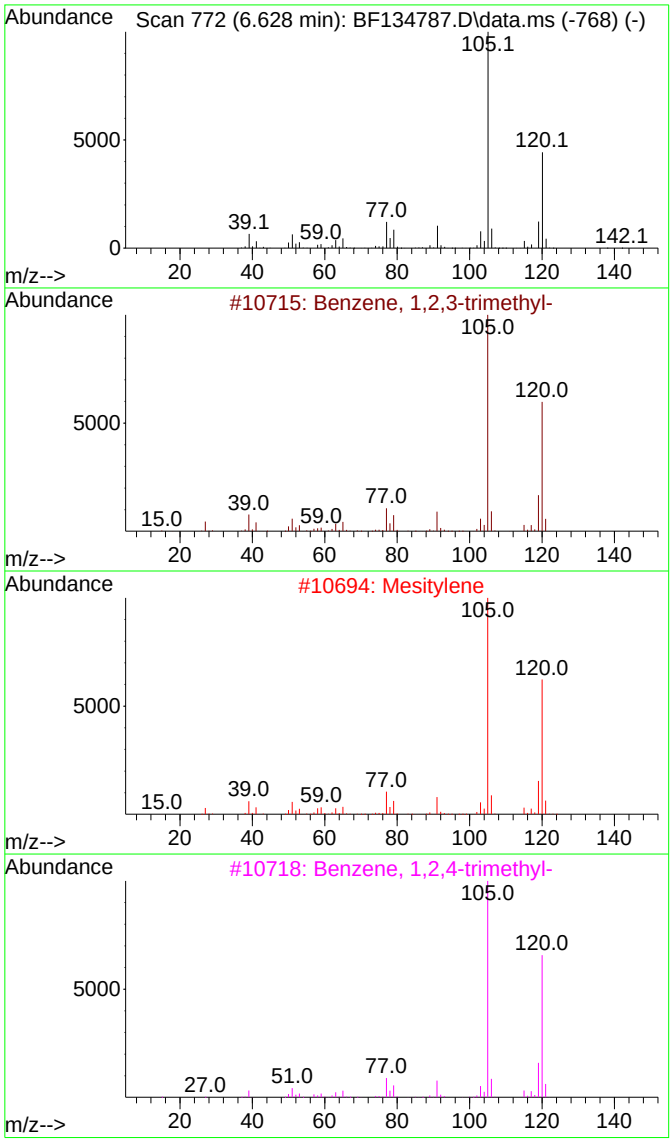
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

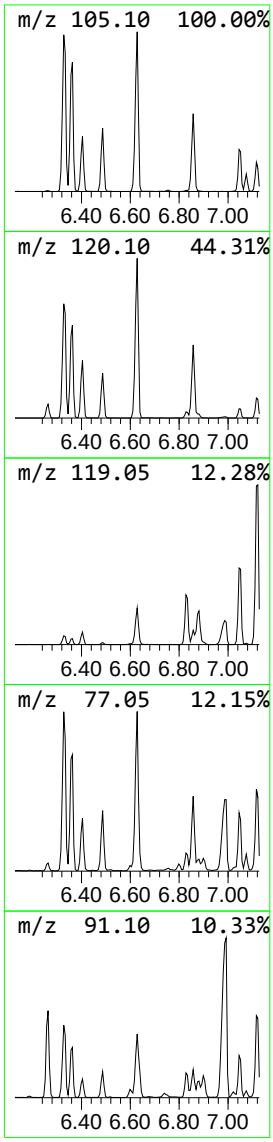
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.628	74.03 ng	4198610	1,4-Dichlorobenzene-d4	6.798

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	91
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\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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

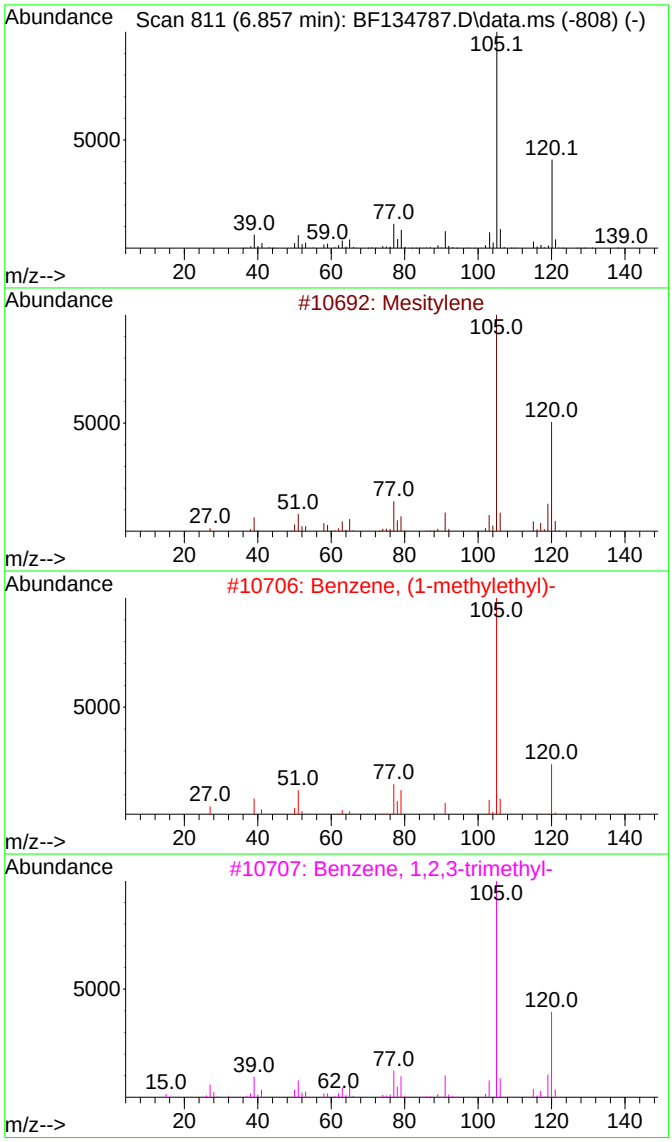
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

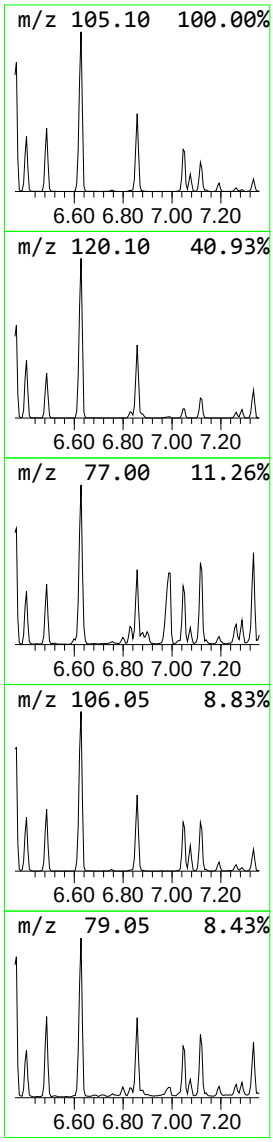
****

Peak Number 7 Mesitylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.857	27.58 ng	1564050	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87





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Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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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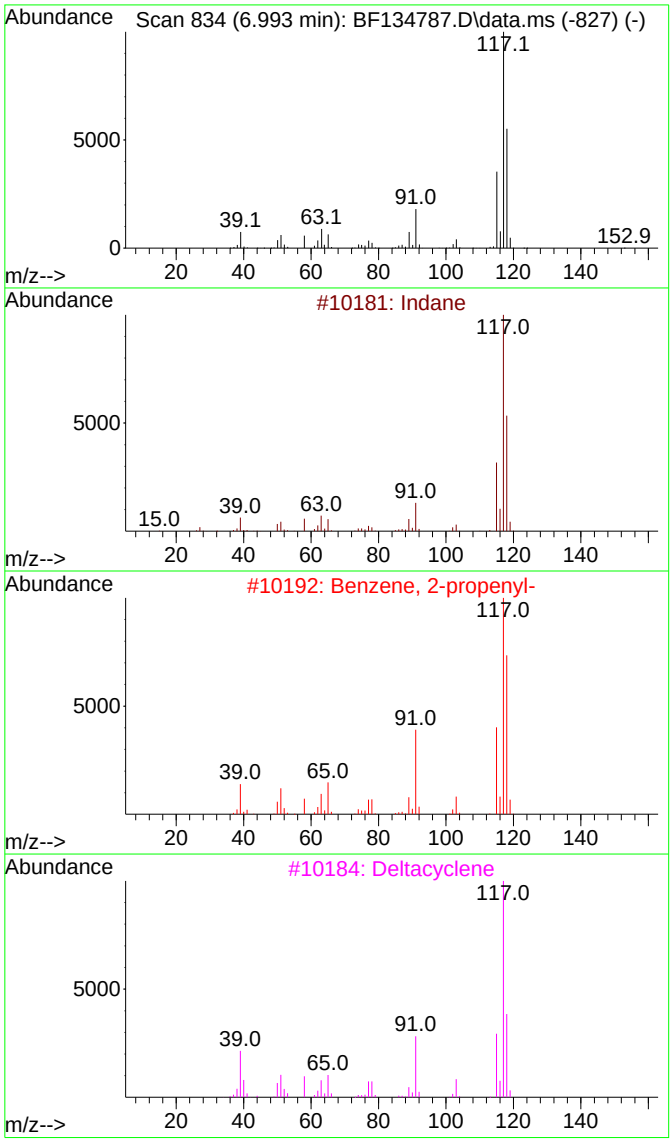
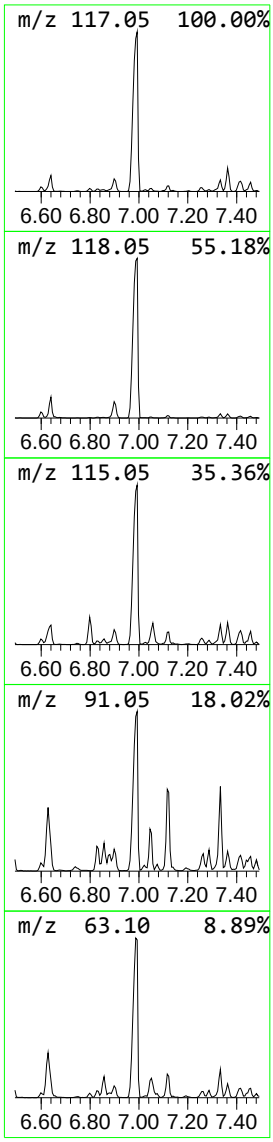
Peak Number 8 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.993	162.46 ng	9213600	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Deltacyclene	118	C9H10	007785-10-6	74
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB06-Z84-85

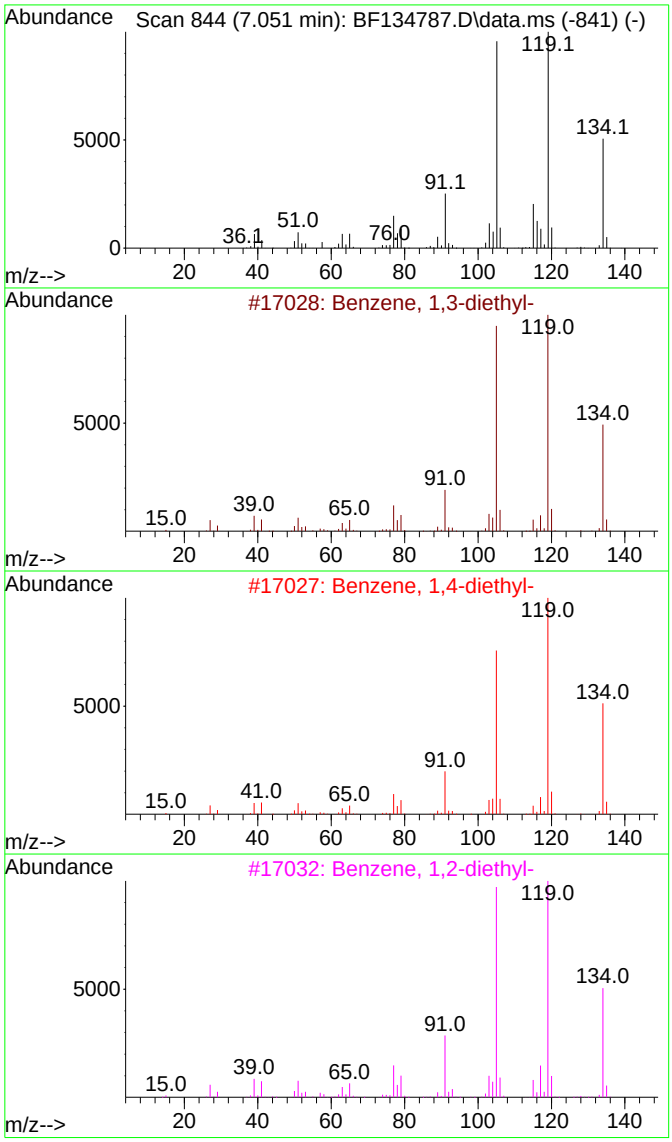
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

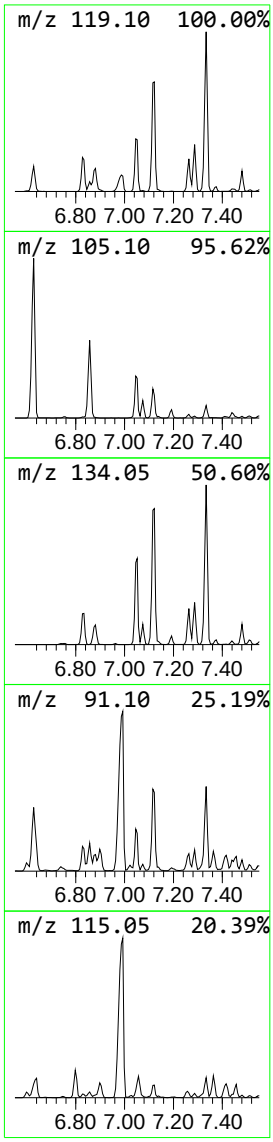
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	27.17 ng	1540760	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	94
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	83
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	72





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Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB06-Z84-85

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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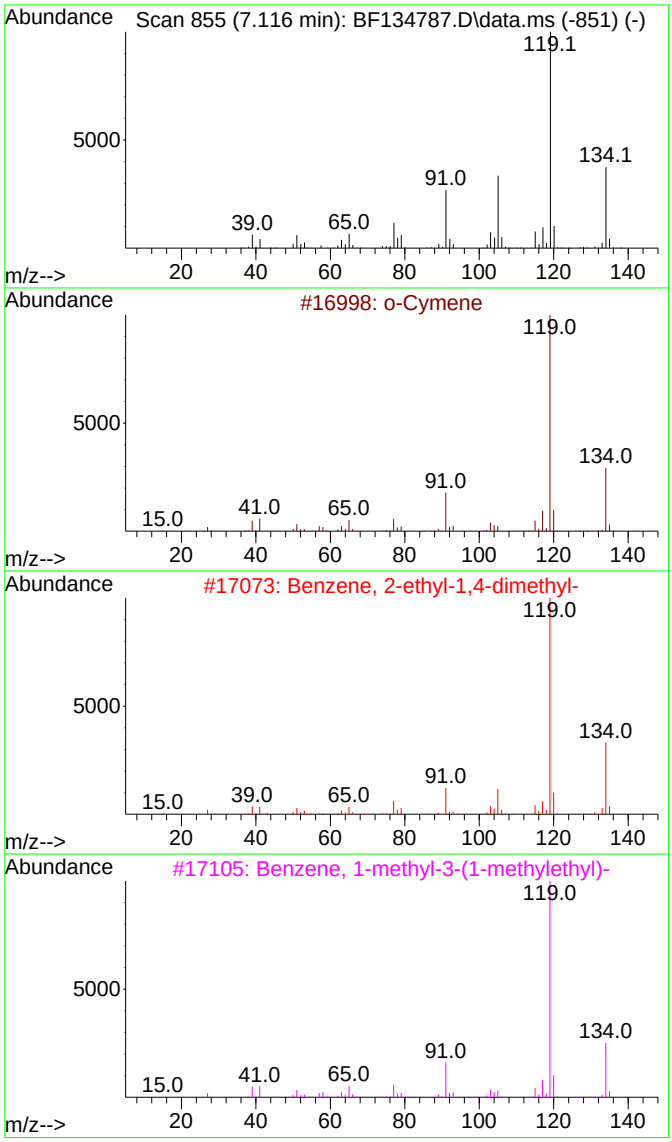
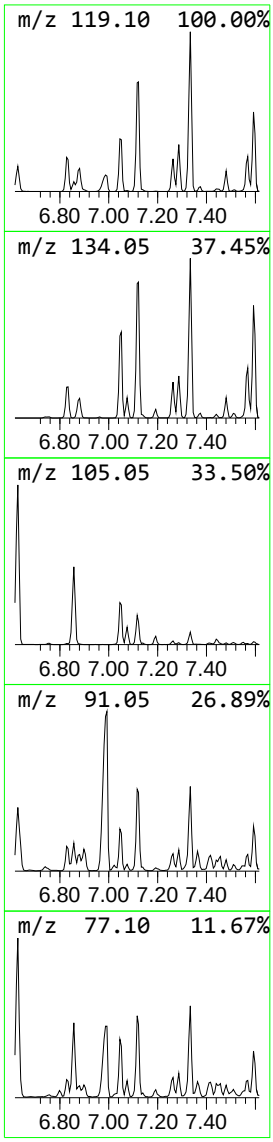
Peak Number 10 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	44.69 ng	2534560	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
4	p-Cymene	134	C10H14	000099-87-6	91
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	90





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Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB06-Z84-85

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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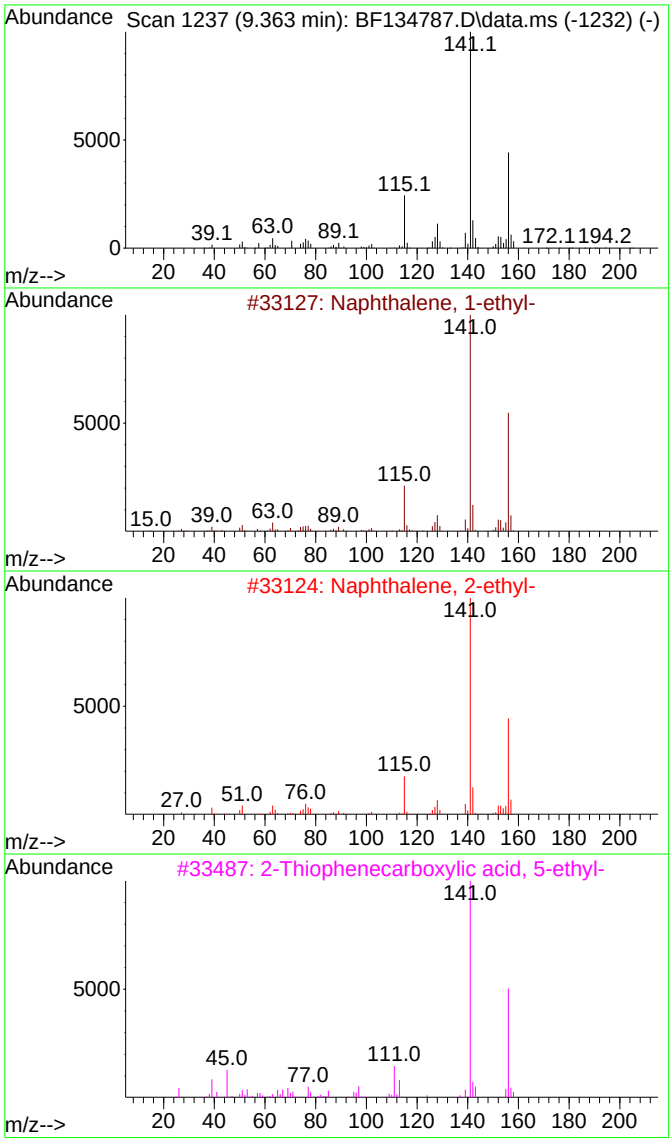
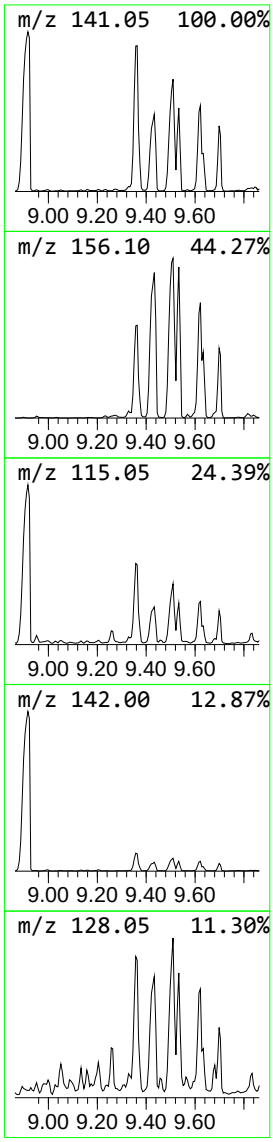
Peak Number 11 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	38.47 ng	7083300	Acenaphthene-d10	9.839

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	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	58





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Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

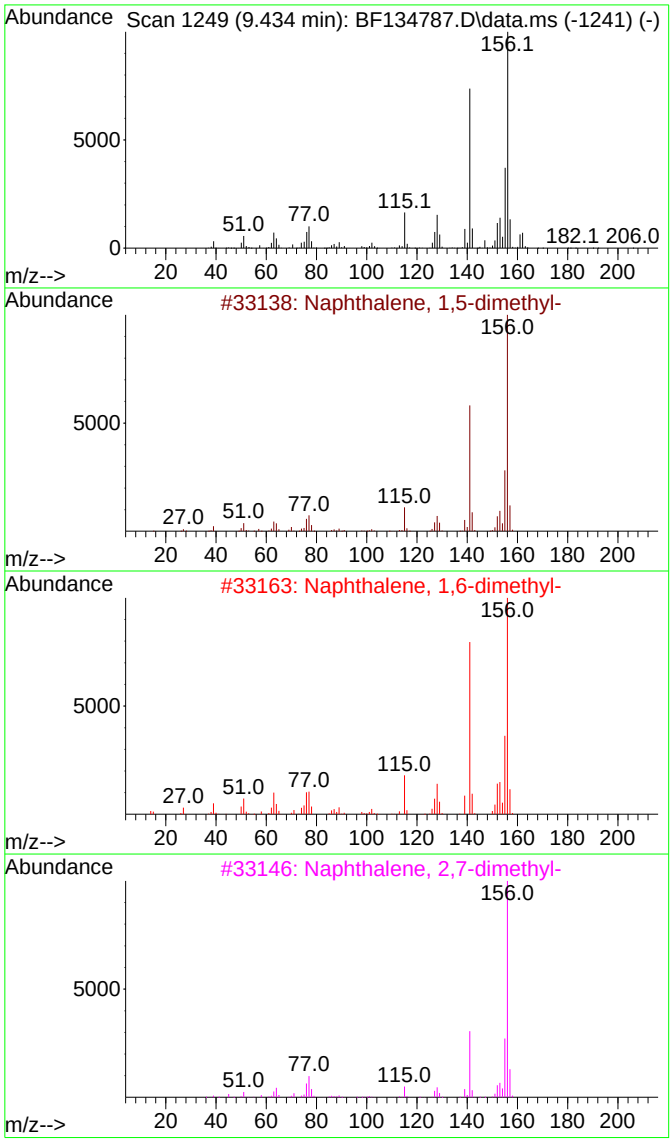
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

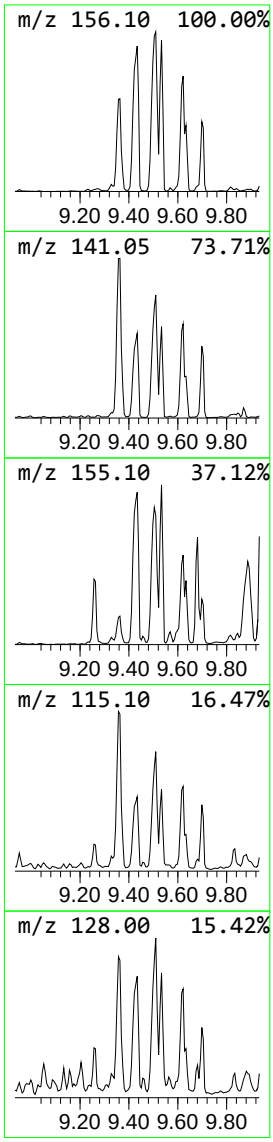
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.434	42.38 ng	7802820	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





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Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB06-Z84-85

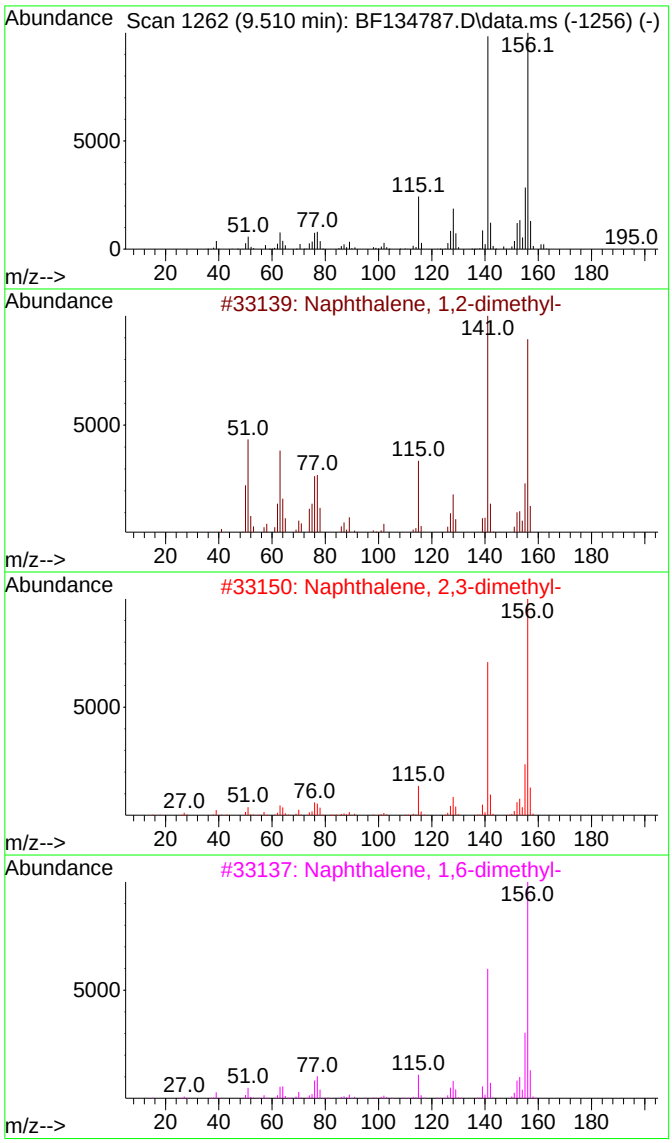
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

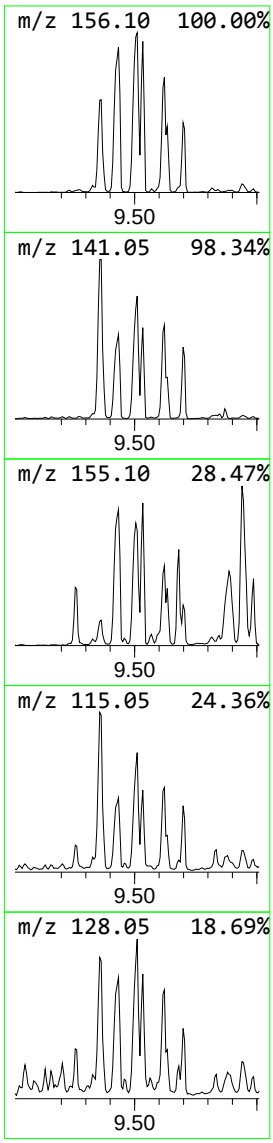
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	47.30 ng	8708600	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
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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Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

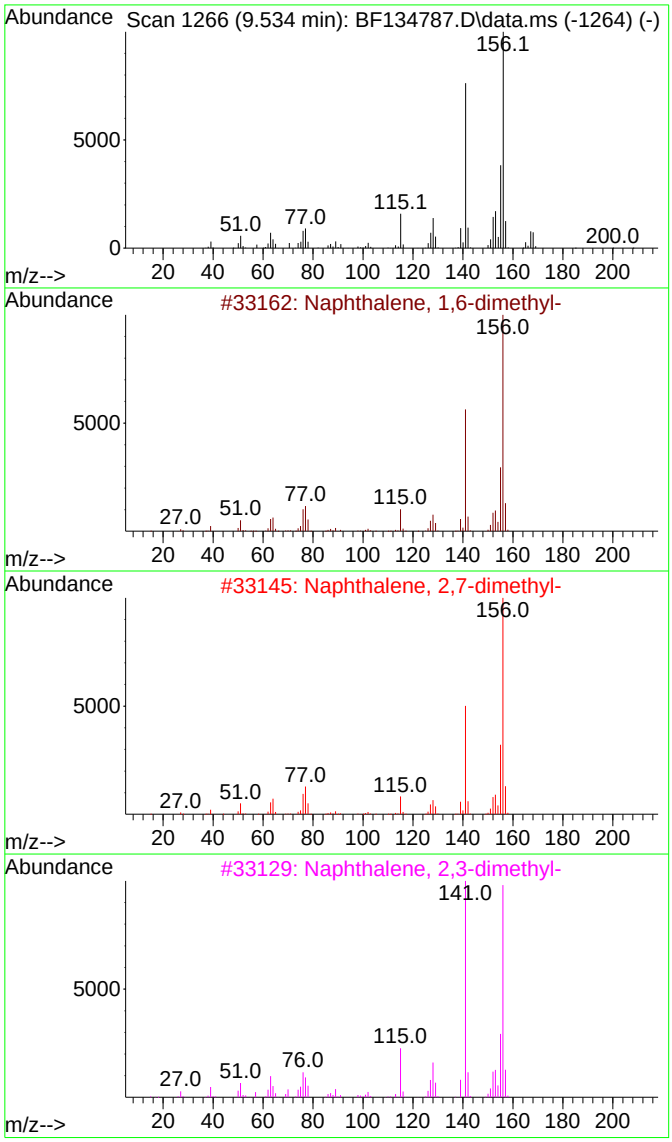
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

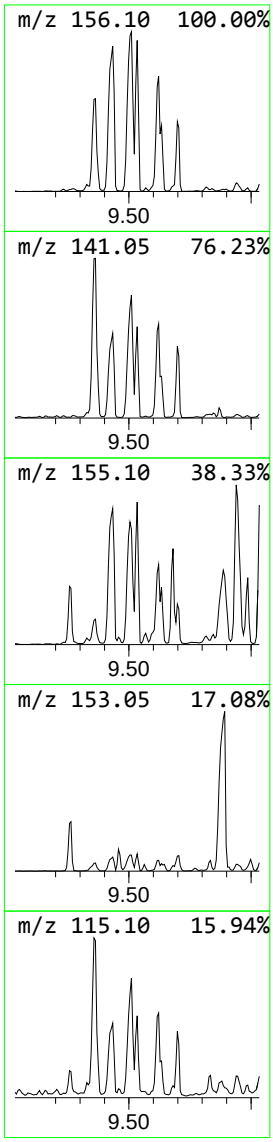
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.534	23.53 ng	4332110	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





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Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

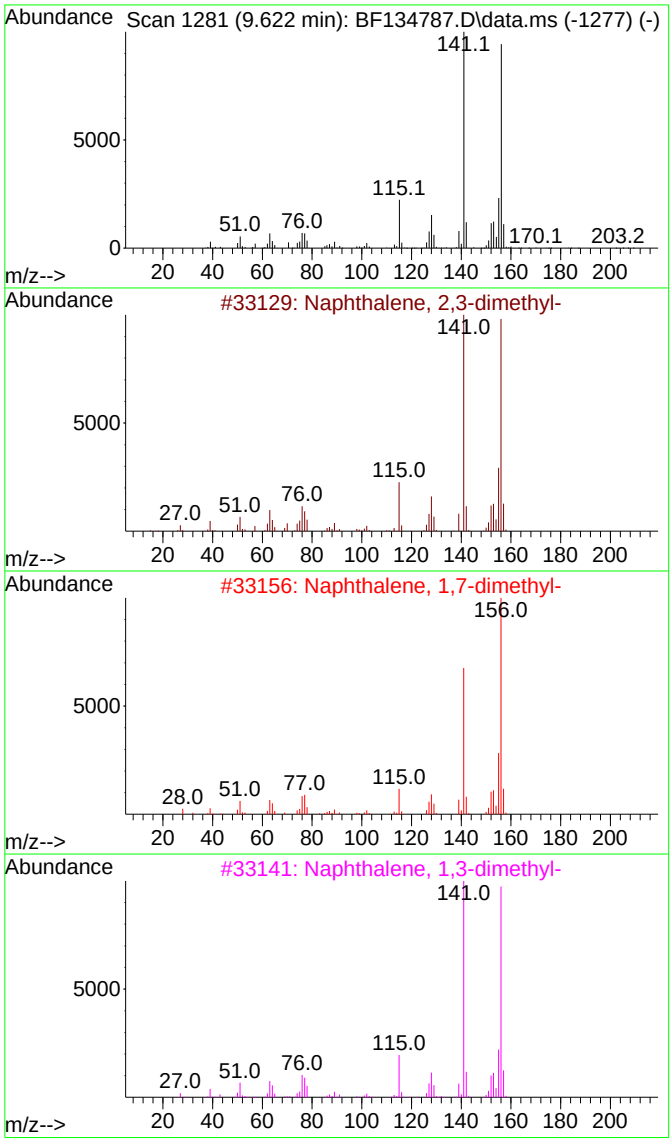
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

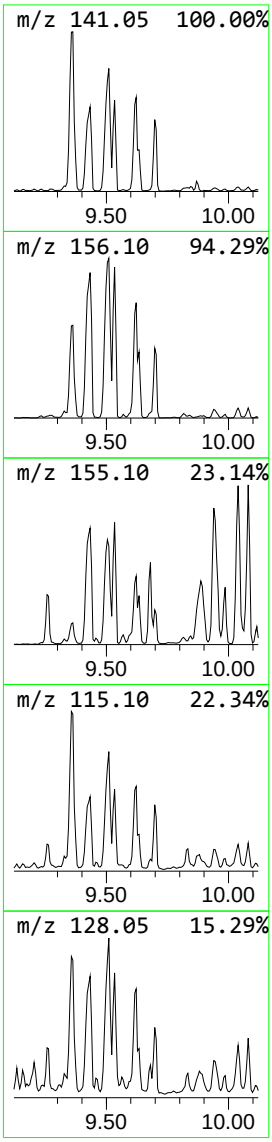
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.622	30.71 ng	5654500	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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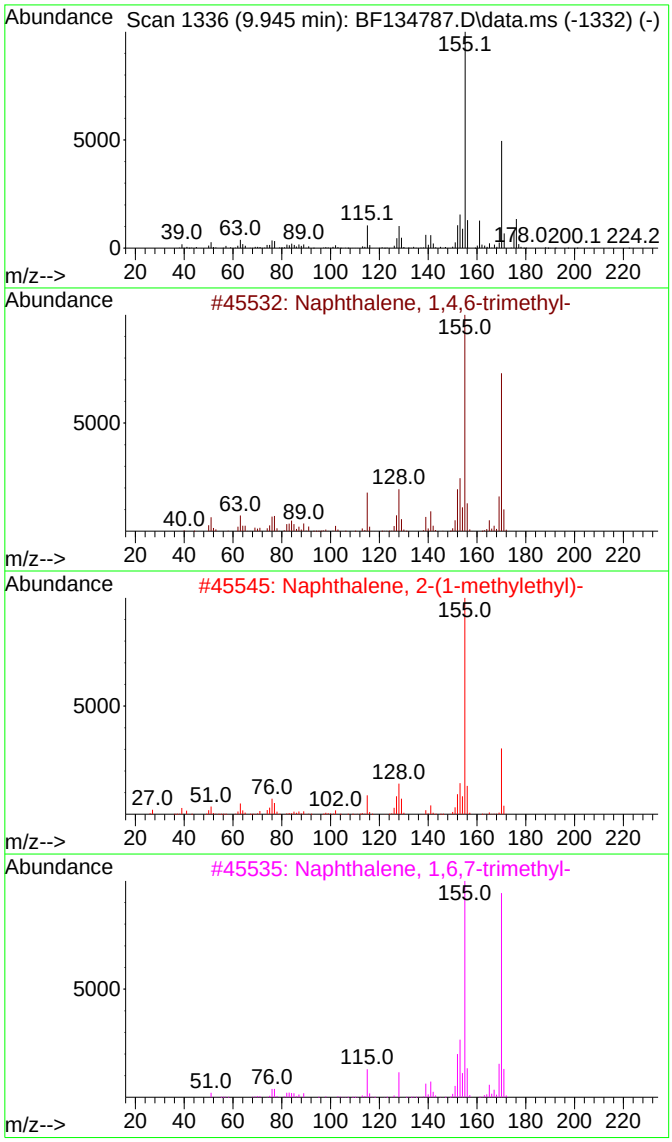
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

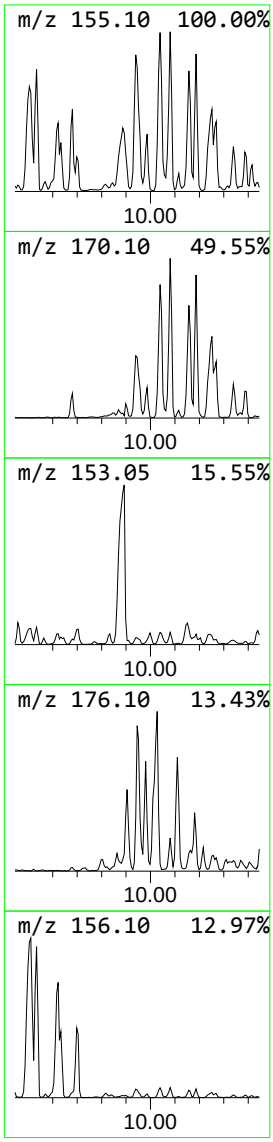
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	11.52 ng	2121650	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	87
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
4	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	64





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
NEVINS-SB06-Z84-85

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
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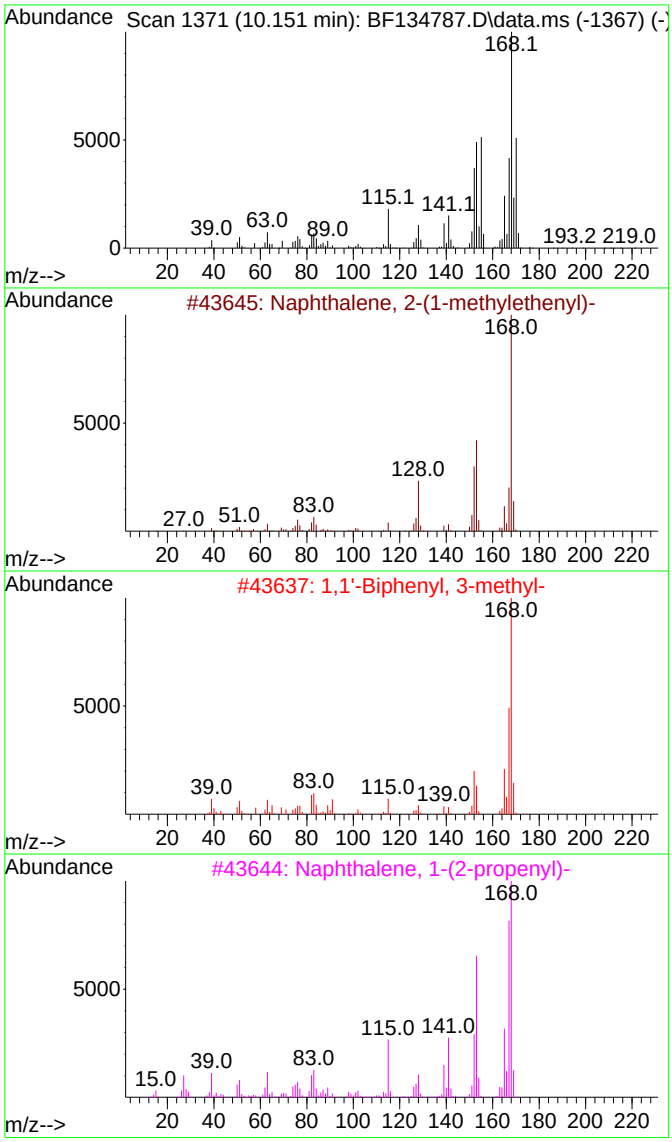
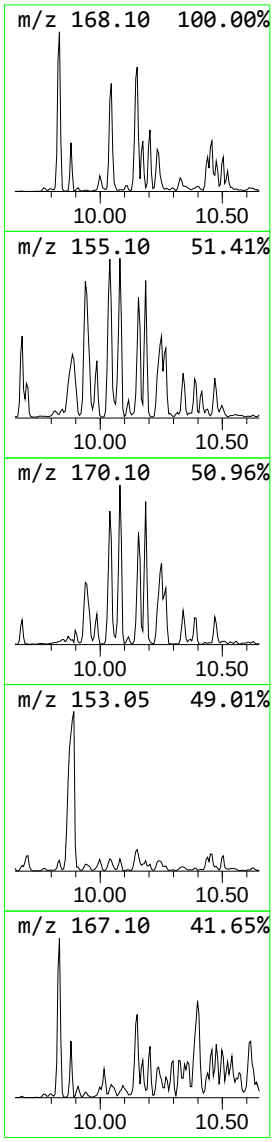
****

Peak Number 17 unknown10.151 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.151	21.41 ng	3941320	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	49
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	38
3	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
4	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	35
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	30





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Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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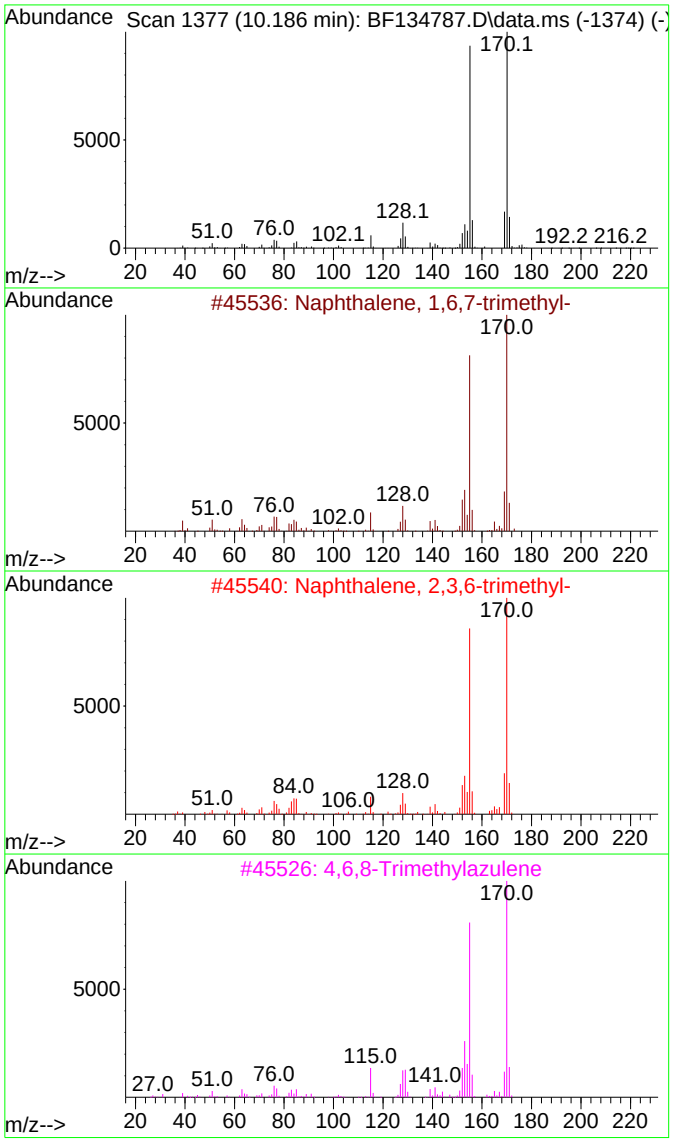
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

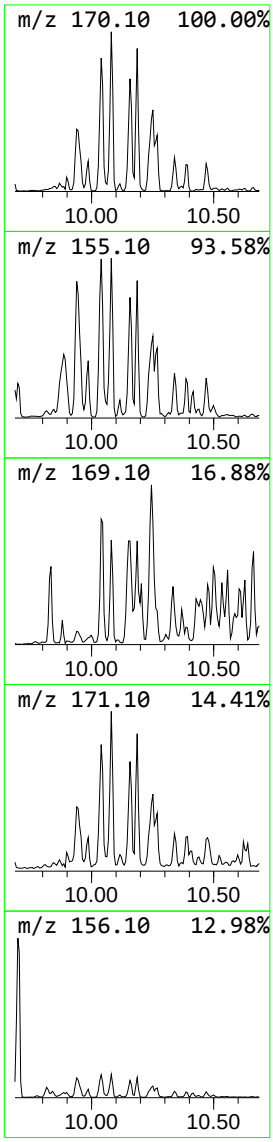
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.186	12.22 ng	2249230	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	78
5	Phenol, 4-chloro-3-ethyl-5-methyl-	170	C9H11ClO	001125-66-2	72





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Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

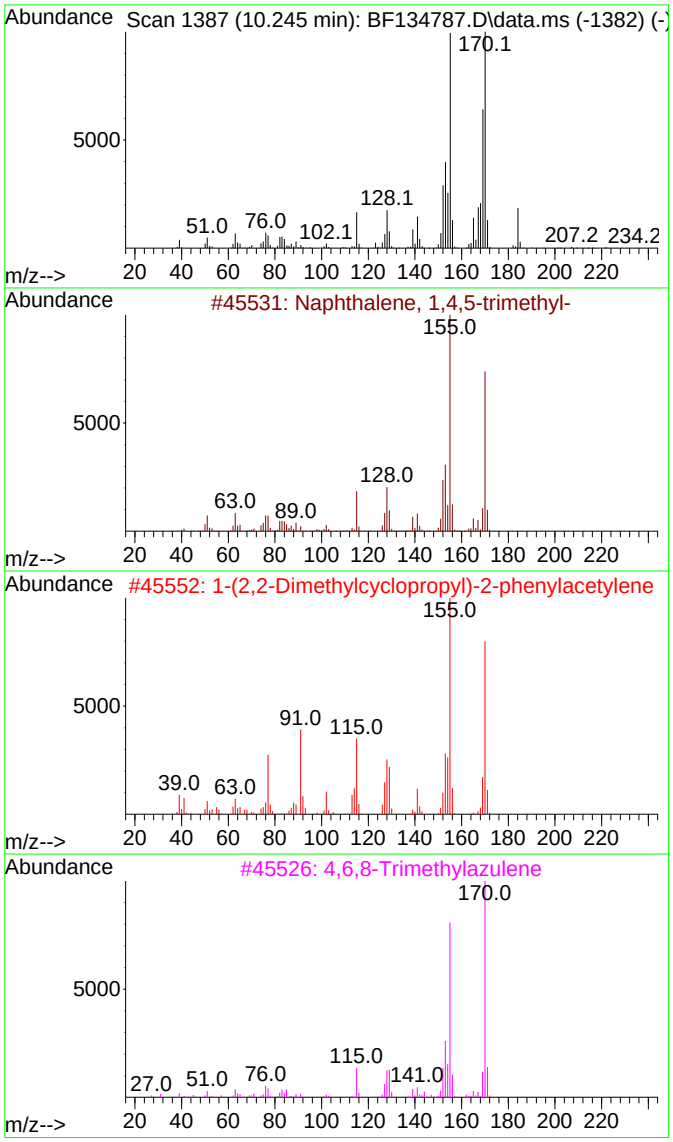
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

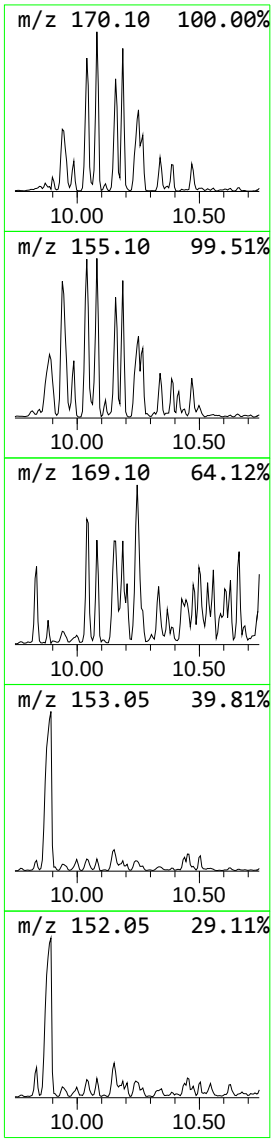
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,4,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	14.25 ng	2622890	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	92
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	76
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	76
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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

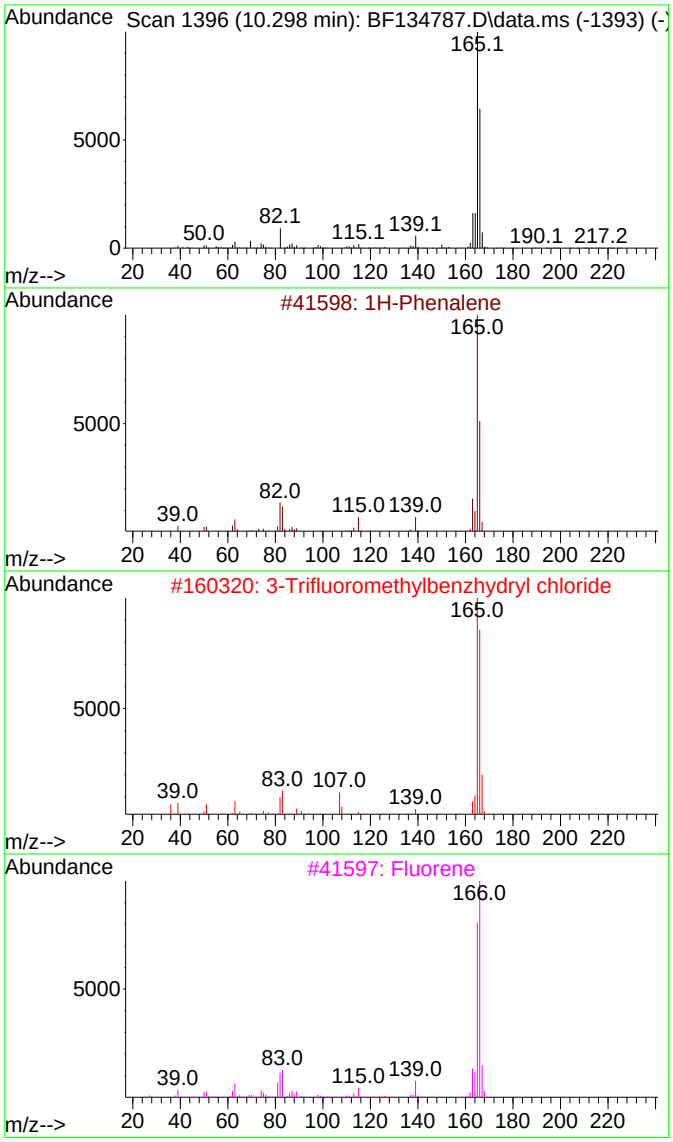
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

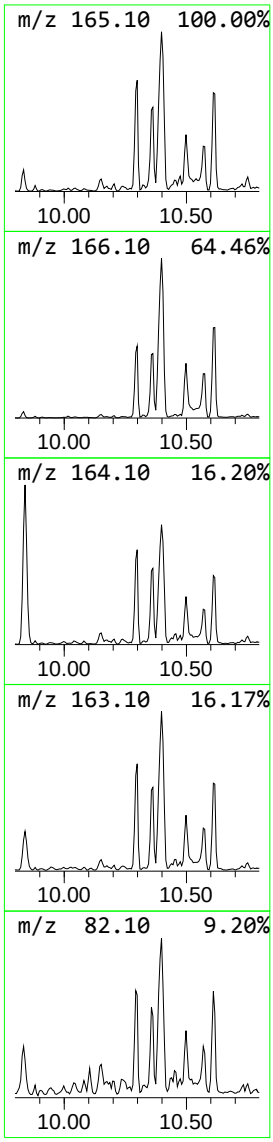
****

Peak Number 20 1H-Phenalene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.298	14.07 ng	2590420	Acenaphthene-d10	9.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	78
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
3	Fluorene	166	C13H10	000086-73-7	62
4	9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	42
5	Benzaldehyde, 4,6-dihydroxy-2,3-...	166	C9H10O3	002990-31-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081523\
Data File : BF134787.D
Acq On : 15 Aug 2023 16:38
Operator : CG\JU
Sample : 04014-04 10X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB06-Z84-85

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...	6.328	60.7	ng	3442970	1	6.798	1134240	20.0
Benzene, 1-ethy...	6.363	42.9	ng	2431370	1	6.798	1134240	20.0
Benzene, 1-ethy...	6.487	19.7	ng	1117450	1	6.798	1134240	20.0
Benzene, 1,2,3-...	6.628	74.0	ng	4198610	1	6.798	1134240	20.0
Mesitylene	6.857	27.6	ng	1564050	1	6.798	1134240	20.0
Indane	6.993	162.5	ng	9213600	1	6.798	1134240	20.0
Benzene, 1,3-di...	7.051	27.2	ng	1540760	1	6.798	1134240	20.0
o-Cymene	7.116	44.7	ng	2534560	1	6.798	1134240	20.0
Naphthalene, 1-...	9.363	38.5	ng	7083300	3	9.839	3682460	20.0
Naphthalene, 1,...	9.434	42.4	ng	7802820	3	9.839	3682460	20.0
Naphthalene, 1,...	9.510	47.3	ng	8708600	3	9.839	3682460	20.0
Naphthalene, 1,...	9.534	23.5	ng	4332110	3	9.839	3682460	20.0
Naphthalene, 2,...	9.622	30.7	ng	5654500	3	9.839	3682460	20.0
Naphthalene, 1,...	9.945	11.5	ng	2121650	3	9.839	3682460	20.0
unknown10.151	10.151	21.4	ng	3941320	3	9.839	3682460	20.0
Naphthalene, 1,...	10.186	12.2	ng	2249230	3	9.839	3682460	20.0
Naphthalene, 1,...	10.245	14.3	ng	2622890	3	9.839	3682460	20.0
1H-Phenalene	10.298	14.1	ng	2590420	3	9.839	3682460	20.0