LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134911.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	538	546	549	rBV	7065997	11887411	24.79%	2.286%
2	5.398	557	563	565	rBV	4821332	6866513	14.32%	1.320%
3	5.651	601	606	609	rVV	4783025	5308480	11.07%	1.021%
4	5.969	652	660	663	rBV	2121881	1954741	4.08%	0.376%
5	6.334	717	722	724	rVV	4996329	5864001	12.23%	1.128%
6	6.363	724	727	730	rVV	5428635	5305498	11.06%	1.020%
7	6.404	730	734	737	rVV	2935488	2595544	5.41%	0.499%
8	6.487	743	748	751	rVV	2402648	2110983	4.40%	0.406%
9	6.634	768	773	777	rVB2	6026572	8420674	17.56%	1.619%
10	6.834	804	807	809	rVV	1144884	1517623	3.16%	0.292%
11	6.863	809	812	815	rVV	2646261	3259079	6.80%	0.627%
12	6.916	815	821	825	rVB2	1194455	2436562	5.08%	0.468%
13	7.010	825	837	839	rBV	7935280	19880555	41.45%	3.823%
14	7.051	839	844	846	rVV	3586204	3307751	6.90%	0.636%
15	7.122	851	856	859	rBV	5205626	5201844	10.85%	1.000%
16	7.340	887	893	895	rBV	4393620	4703550	9.81%	0.904%
17	7.369	895	898	900	rVV	2413019	2219067	4.63%	0.427%
18	7.598	934	937	941	rVB	2843451	2750577	5.74%	0.529%
19	7.710	953	956	959	rVV3	1041351	1473549	3.07%	0.283%
20	7.757	959	964	969	rVB	4620868	6201106	12.93%	1.192%
21	7.839	969	978	981	rBV4	4917640	10546432	21.99%	2.028%
22	7.881	981	985	991	rVV	5366535	10601258	22.11%	2.038%
23	8.187	1018	1037	1038	rVV	10529580	47957082	100.00%	9.221%
24	8.198	1038	1039	1041	rVB	3840842	2573799	5.37%	0.495%
25	8.445	1076	1081	1083	rBV	2009229	2779218	5.80%	0.534%
26	8.481	1083	1087	1089	rVV2	1302269	1768783	3.69%	0.340%
27	8.528	1093	1095	1096	rVV	1754662	1516523	3.16%	0.292%
28	8.551	1096	1099	1101	rVV	2072164	2513395	5.24%	0.483%
29	8.592	1101	1106	1110	rVV	2316985	3274587	6.83%	0.630%
30	8.645	1110	1115	1118	rVV3	909623	1626869	3.39%	0.313%
31	8.751	1126	1133	1137	rVV2	1544142	3297247	6.88%	0.634%
32	8.845	1137	1149	1151	rVV	7938953	24023438	50.09%	4.619%
33	8.939	1155	1165	1167	rVV	7402215	17330332	36.14%	3.332%
34	9.269	1214	1221	1224	rBV	5076676	5600358	11.68%	1.077%
35	9.369	1229	1238	1242	rVV	6129297	11013019	22.96%	2.118%
36	9.445	1242	1251	1253	rVV	5545967	9544269	19.90%	1.835%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.469	1253	1255	1257	rVV	2119836	1657337	3.46%	0.319%
38	9.522	1257	1264	1266	rVV	6034294	11690760	24.38%	2.248%
39	9.545	1266	1268	1270	rVV	5851695	4985505	10.40%	0.959%
40	9.569	1270	1272	1274	rVV2	1760209	1552437	3.24%	0.298%
41	9.628	1278	1282	1289	rVV	4762158	6882136	14.35%	1.323%
42	9.710	1293	1296	1299	rVB	5467729	4864012	10.14%	0.935%
43	9.845	1316	1319	1321	rBV	2891038	2589485	5.40%	0.498%
44	9.904	1321	1329	1333	rVB	6947994	14416022	30.06%	2.772%
45	9.951	1333	1337	1341	rBV	2235734	2806087	5.85%	0.540%
46	10.045	1350	1353	1357	rVV	3190040	3882075	8.09%	0.746%
47	10.086	1357	1360	1368	rVB	2588702	3100243	6.46%	0.596%
48	10.163	1368	1373	1375	rBV2	2721307	3679807	7.67%	0.708%
49	10.192	1375	1378	1380	rVV	2126959	2080216	4.34%	0.400%
50	10.257	1384	1389	1390	rBV3	1729861	2572207	5.36%	0.495%
51	10.304	1394	1397	1399	rVB	2517618	2050939	4.28%	0.394%
52	10.369	1403	1408	1410	rVV2	2364828	3064149	6.39%	0.589%
53	10.410	1410	1415	1418	rVV	5507598	8146503	16.99%	1.566%
54	10.445	1418	1421	1426	rVV2	1958029	2977445	6.21%	0.572%
55	10.510	1429	1432	1436	rVV2	3085822	3381923	7.05%	0.650%
56	10.551	1436	1439	1442	rVV3	1357783	1861272	3.88%	0.358%
57	10.580	1442	1444	1447	rVB	2112659	1724953	3.60%	0.332%
58	10.622	1447	1451	1457	rBV2	3657170	4568950	9.53%	0.879%
59	10.757	1472	1474	1482	rVB2	1528927	1696651	3.54%	0.326%
60	10.945	1501	1506	1509	rBV2	2593037	3507332	7.31%	0.674%
61	10.975	1509	1511	1514	rVB	2195021	1759756	3.67%	0.338%
62	11.028	1517	1520	1523	rBV	1724824	1576789	3.29%	0.303%
63	11.233	1551	1555	1562	rVB2	3654319	4685575	9.77%	0.901%
64	11.398	1570	1583	1585	rBV	7367625	18193154	37.94%	3.498%
65	11.439	1585	1590	1592	rVV	5797067	7138439	14.89%	1.373%
66	11.675	1626	1630	1638	rVB2	1986452	2314551	4.83%	0.445%
67	11.757	1641	1644	1647	rVB	1397615	1595756	3.33%	0.307%
68	11.851	1655	1660	1662	rVV	4222623	5435011	11.33%	1.045%
69	11.886	1662	1666	1669	rVB	5242161	5803247	12.10%	1.116%
70	11.927	1669	1673	1676	rBV	2693254	3310765	6.90%	0.637%
71	11.969	1676	1680	1683	rVV	5542278	8741005	18.23%	1.681%
72	11.992	1683	1684	1687	rVV	4119649	2541614	5.30%	0.489%
73	12.145	1706	1710	1712	rBV	2579313	2485096	5.18%	0.478%
74	12.322	1737	1740	1742	rVV	1503764	1520861	3.17%	0.292%
75	12.404	1749	1754	1756	rBV	3374840	4474421	9.33%	0.860%
76	12.439	1756	1760	1762	rVV	2501121	3616289	7.54%	0.695%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.457	1762	1763	1766	rVV	1836801	1595659	3.33%	0.307%
78	12.498	1766	1770	1774	rVV2	1270727	2311789	4.82%	0.445%
79	12.580	1778	1784	1787	rVB	5717115	8774254	18.30%	1.687%
80	12.669	1794	1799	1802	rVB	3593073	4095568	8.54%	0.787%
81	12.816	1816	1824	1827	rBV	6375054	12704361	26.49%	2.443%
82	13.016	1853	1858	1864	rVB2	1821297	2777511	5.79%	0.534%
83	13.104	1869	1873	1874	rVV2	1774005	2477633	5.17%	0.476%
84	13.127	1874	1877	1880	rVB	3461933	3730462	7.78%	0.717%
85	13.192	1885	1888	1892	rVV	2937644	3541438	7.38%	0.681%
86	13.233	1892	1895	1898	rVV	2800790	2870211	5.98%	0.552%
87	13.298	1902	1906	1908	rVV	2320587	2815379	5.87%	0.541%
88	13.327	1908	1911	1913	rVV	2242291	2490466	5.19%	0.479%
89	13.357	1913	1916	1924	rVB	3037848	3368176	7.02%	0.648%
90	13.604	1954	1958	1963	rBV3	784514	1622016	3.38%	0.312%
91	13.745	1979	1982	1984	rVV	1239500	1409755	2.94%	0.271%
92	13.769	1984	1986	1989	rVV	1514362	1456305	3.04%	0.280%
93	13.992	2019	2024	2027	rBV2	4661045	7269304	15.16%	1.398%
94	14.033	2027	2031	2034	rVB	4450992	4939772	10.30%	0.950%
95	14.386	2086	2091	2094	rVV	2124396	2677069	5.58%	0.515%
96	14.480	2099	2107	2109	rVV4	1081185	1824399	3.80%	0.351%
97	15.051	2197	2204	2215	rVB	1828753	4299894	8.97%	0.827%
98	15.351	2250	2255	2260	rVB	1448175	1890277	3.94%	0.363%
99	15.421	2260	2267	2271	rVV	2521286	3536754	7.37%	0.680%
100	16.974	2524	2531	2538	rVB2	705854	1442074	3.01%	0.277%

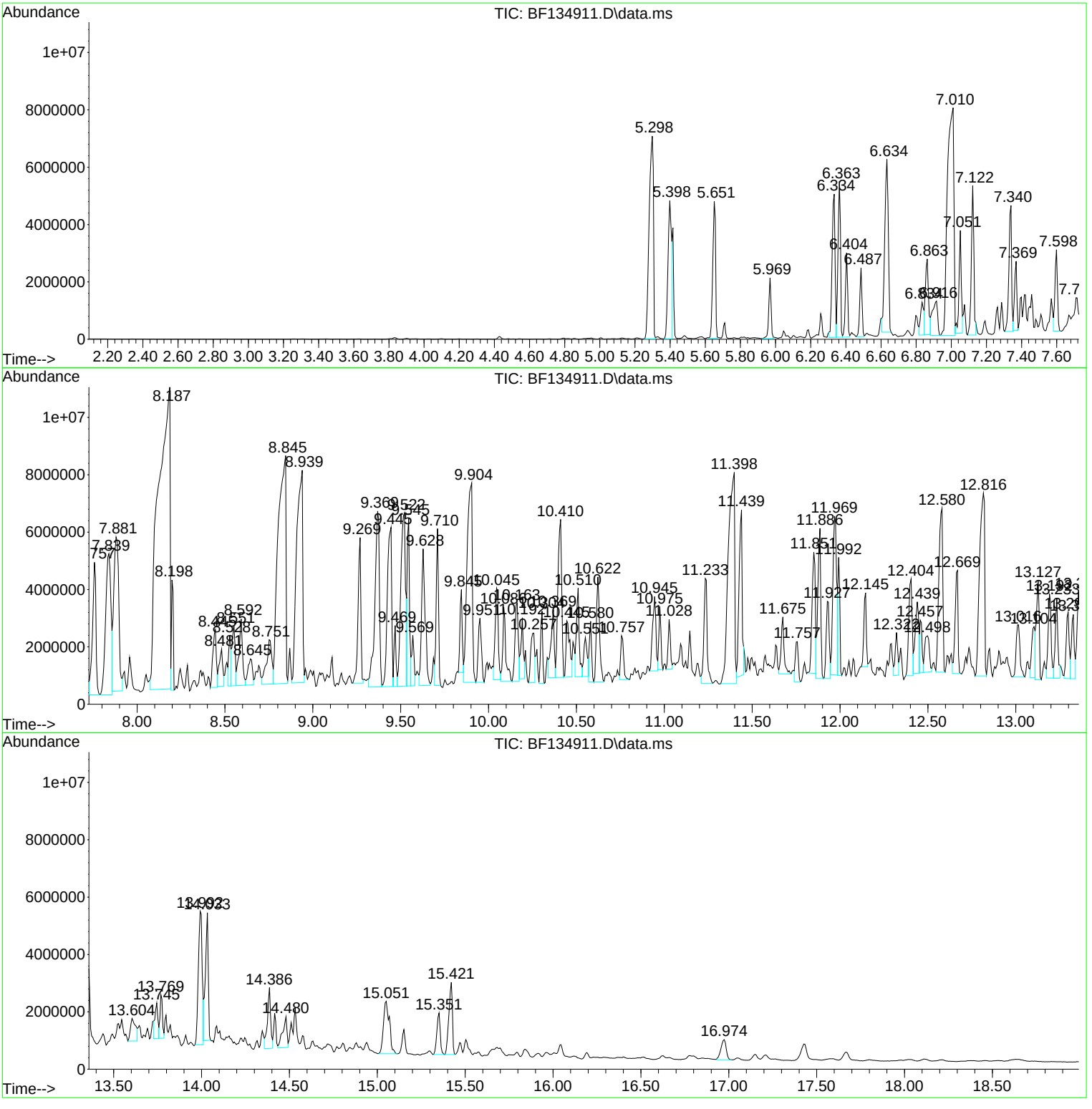
Sum of corrected areas: 520083018

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

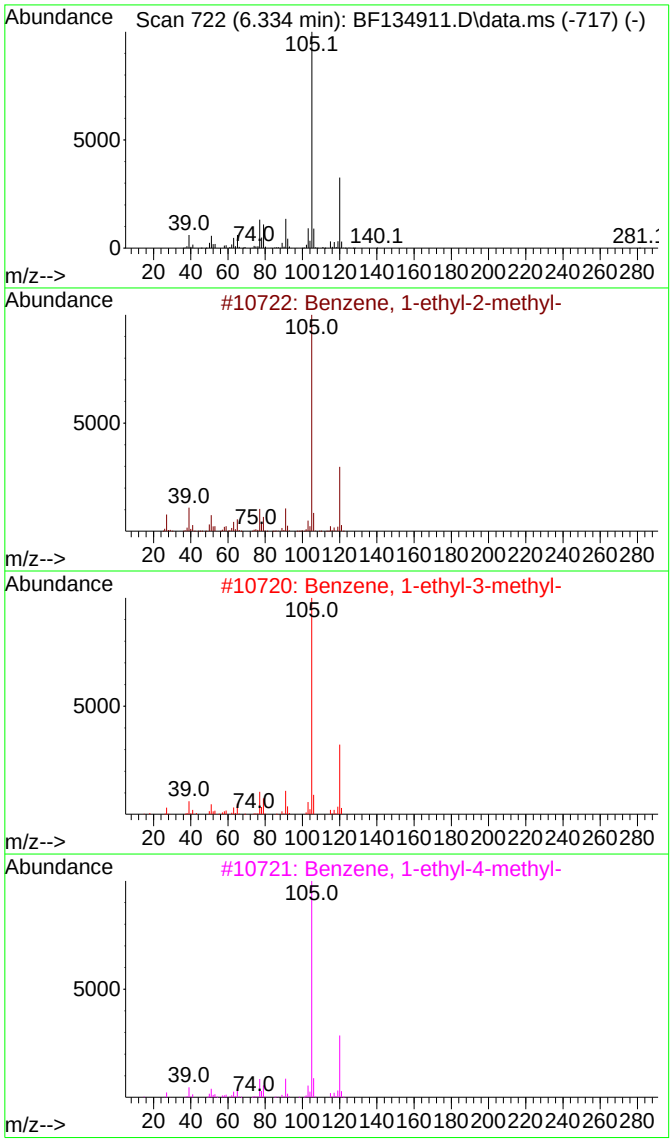
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

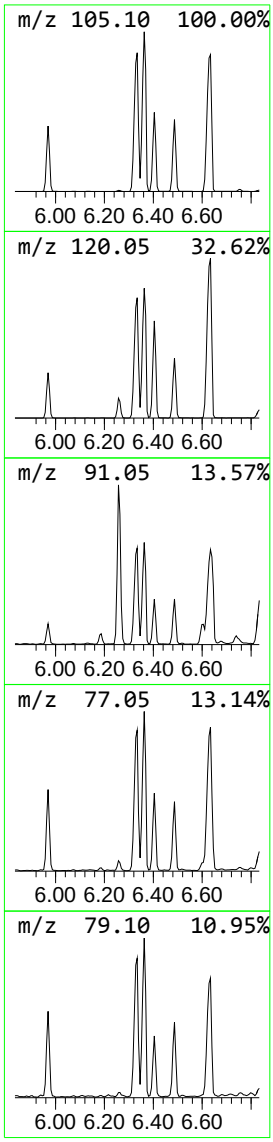
****

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.334	77.28 ng	5864000	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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

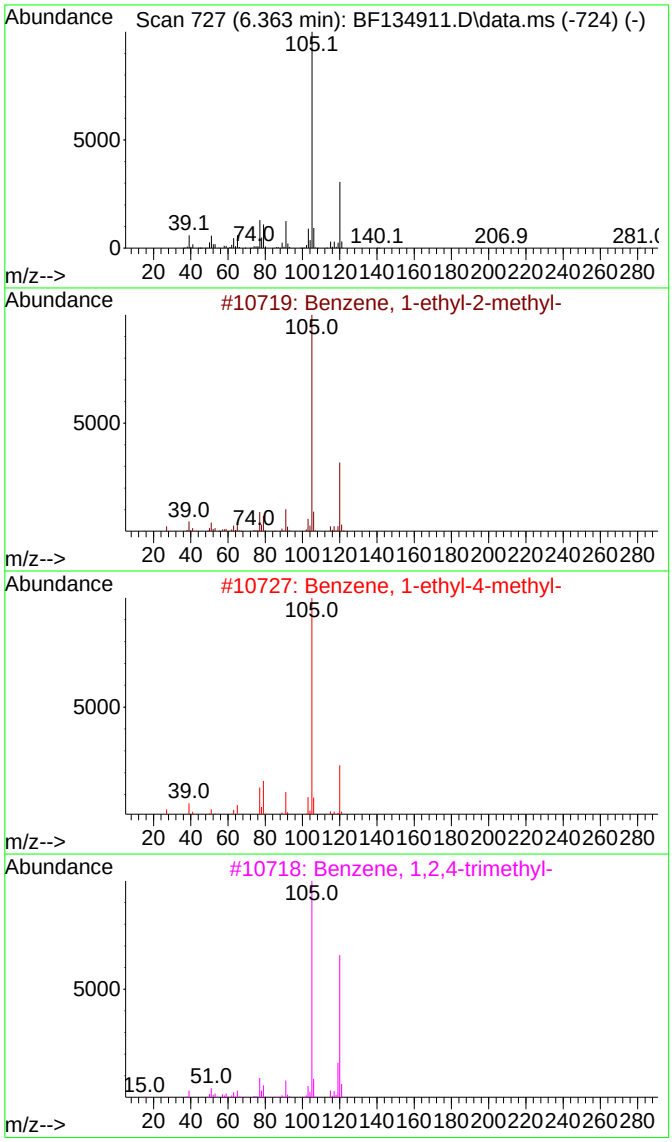
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

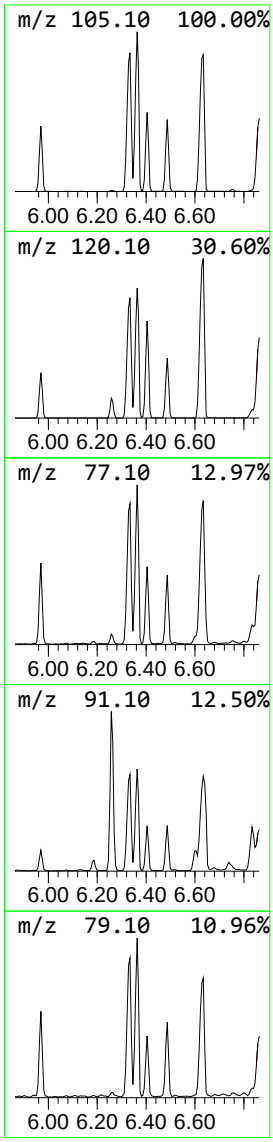
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.363	69.92 ng	5305500	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	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

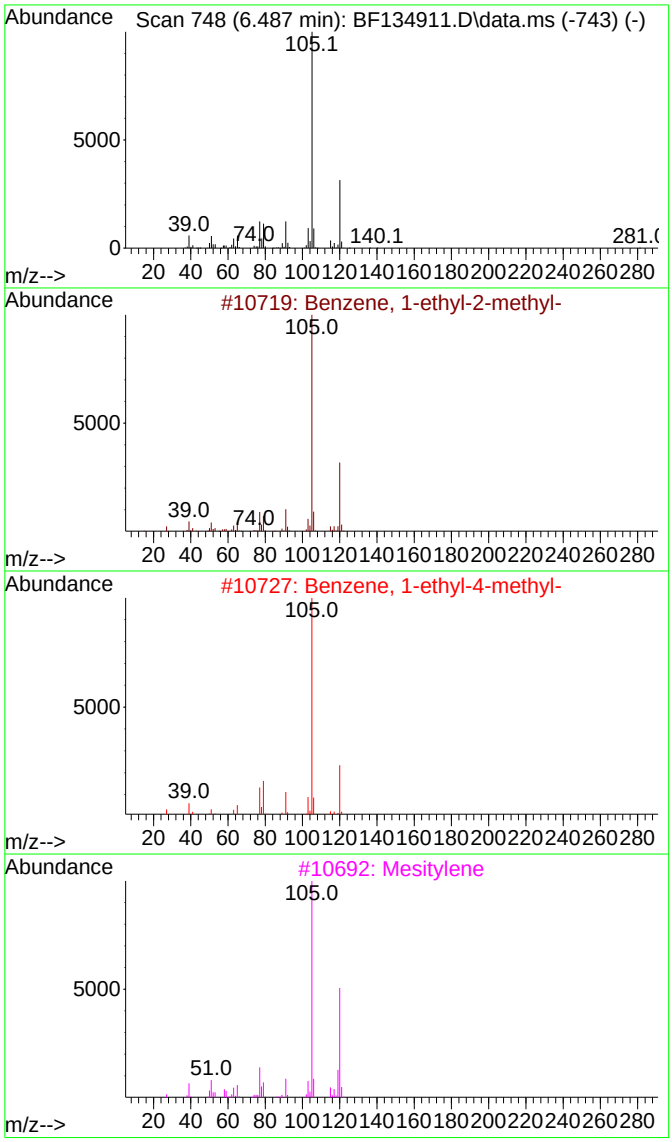
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

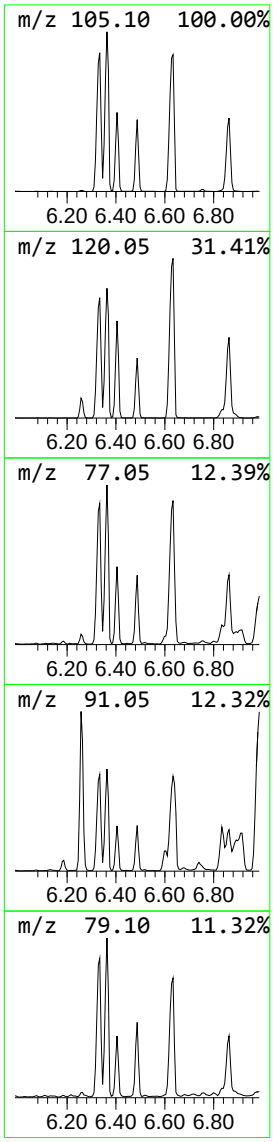
****

Peak Number 5 Mesitylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.487	27.82 ng	2110980	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	94
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\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

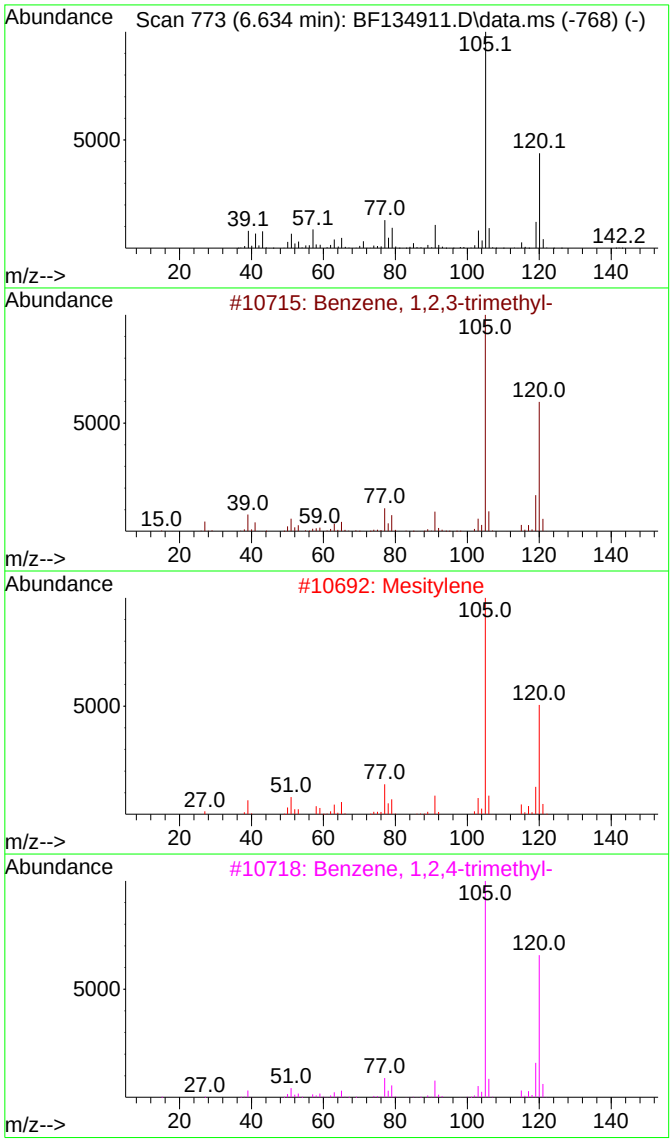
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

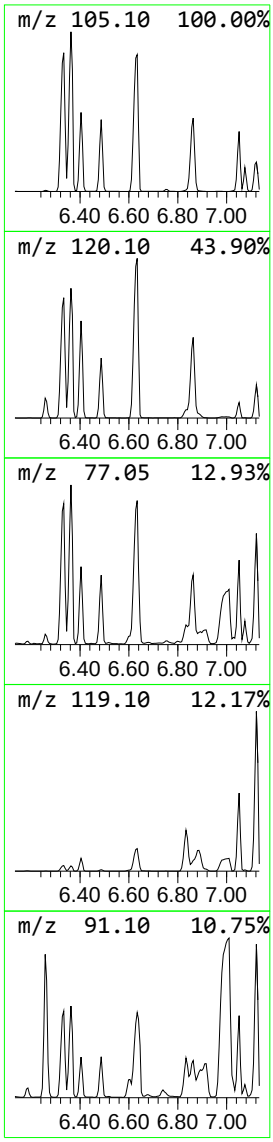
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.634	110.97 ng	8420670	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	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

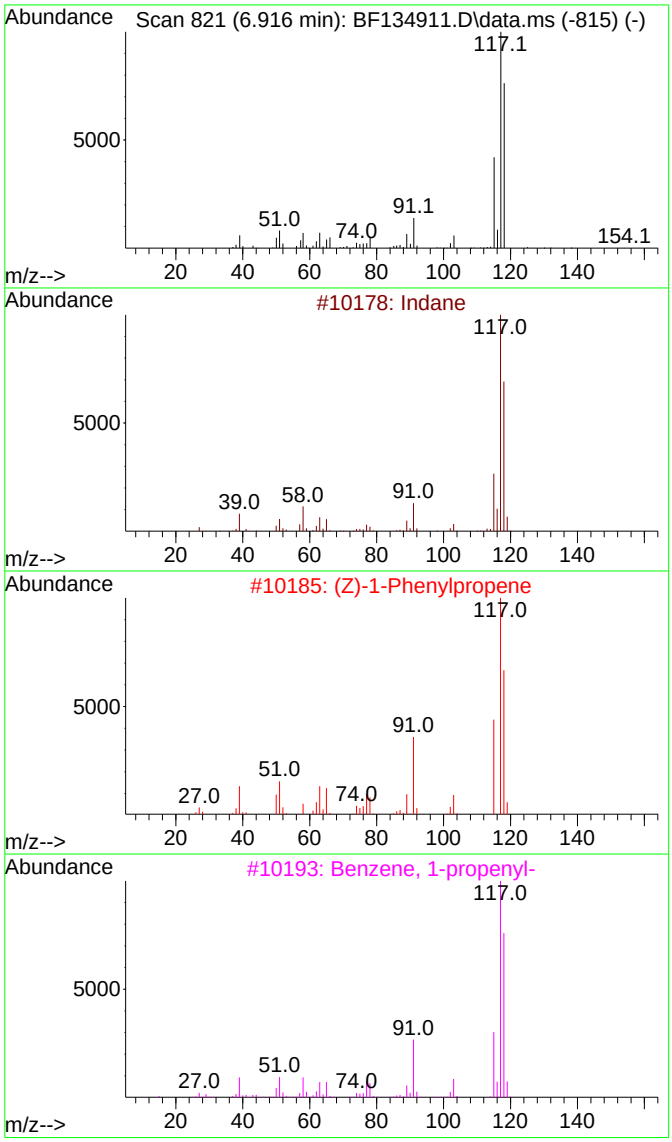
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

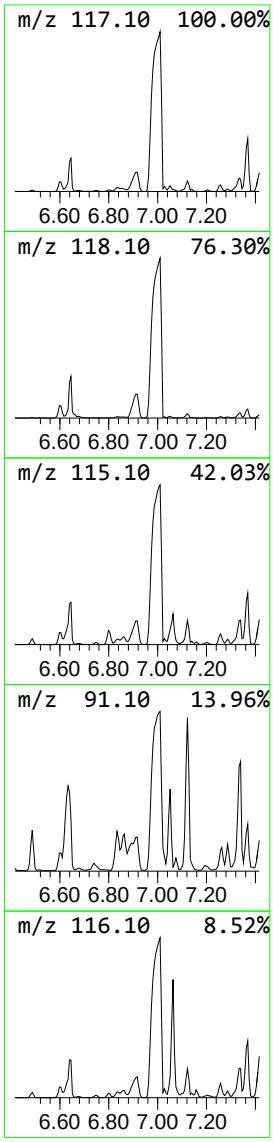
****

Peak Number 8 Indane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.916	32.11 ng	2436560	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	68
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	68
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

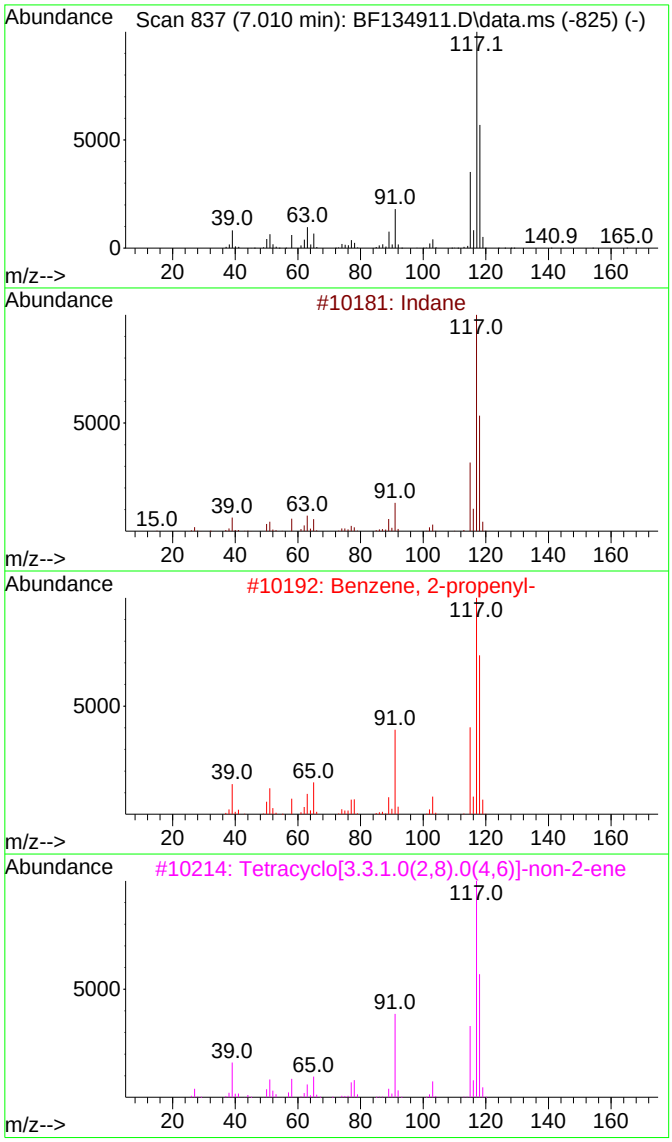
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

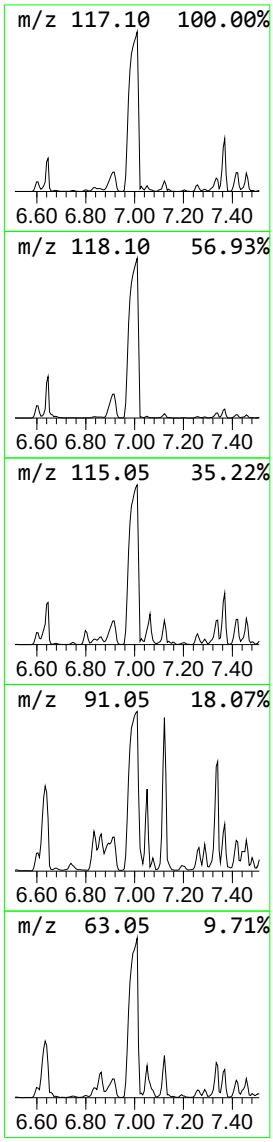
****

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.010	262.00 ng	19880600	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	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	74
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72





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Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

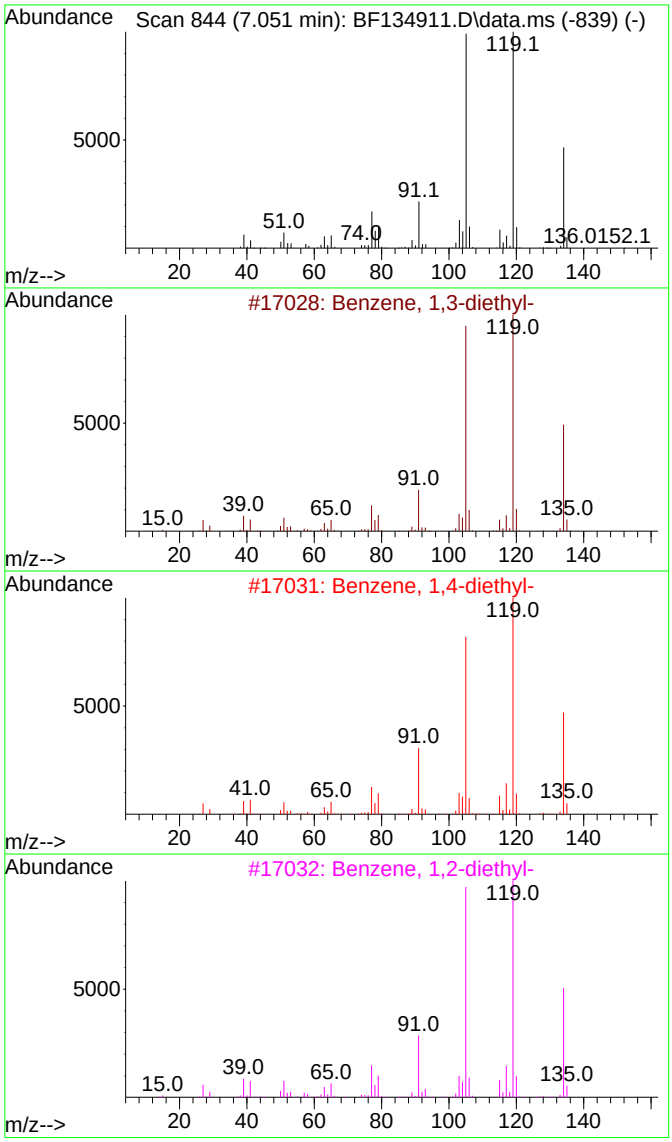
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

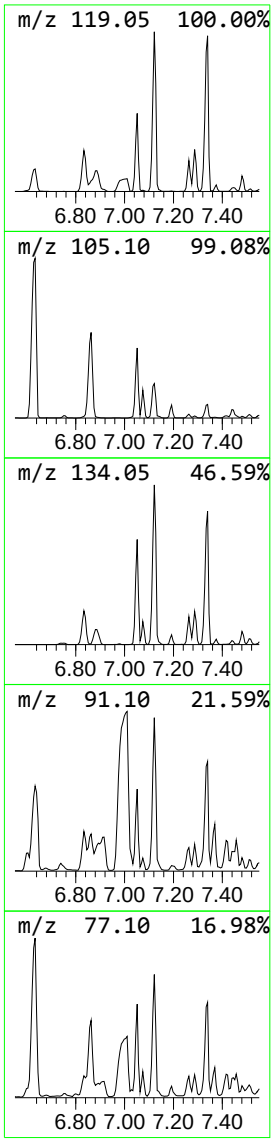
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,3-diethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	43.59 ng	3307750	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	95
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87





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Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

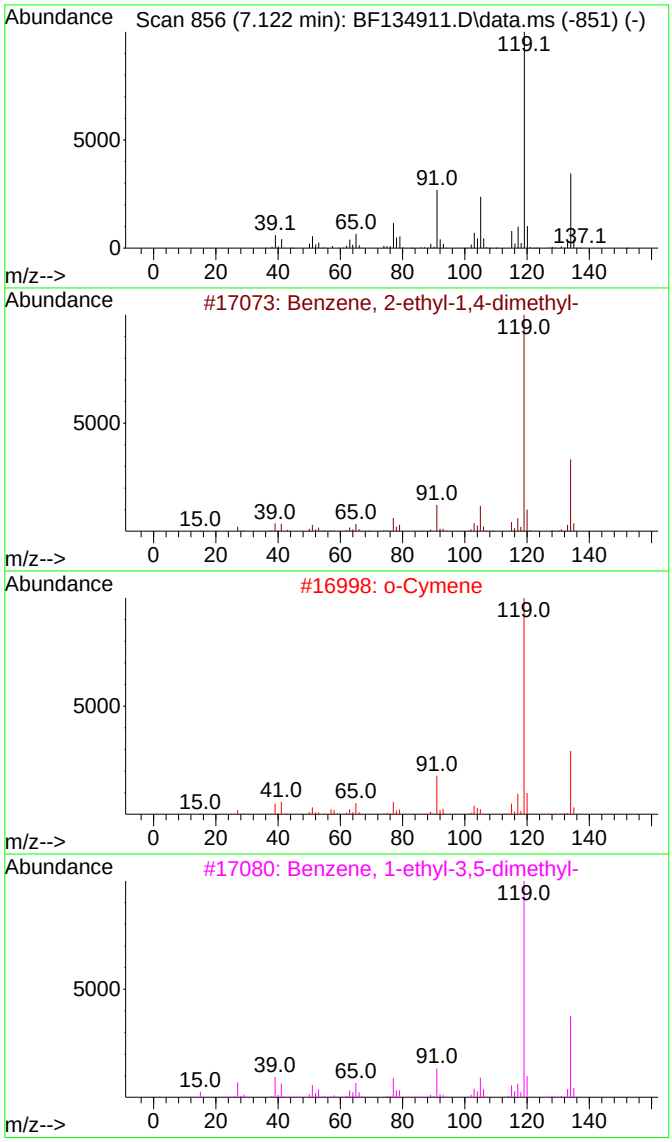
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

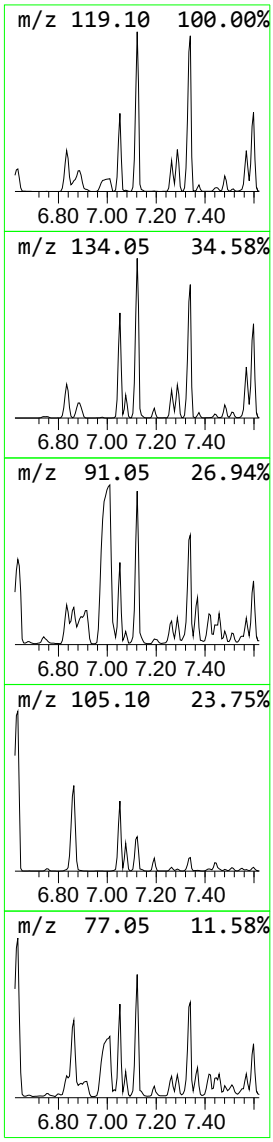
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.122	68.55 ng	5201840	1,4-Dichlorobenzene-d4	6.798

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	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	p-Cymene	134	C10H14	000099-87-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

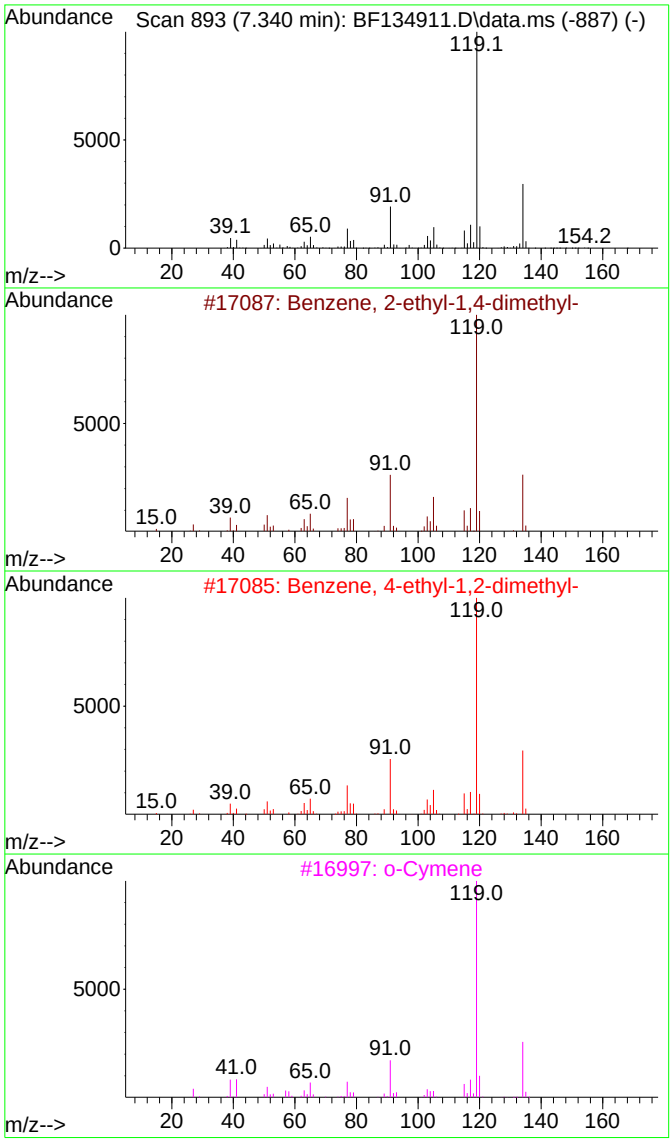
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

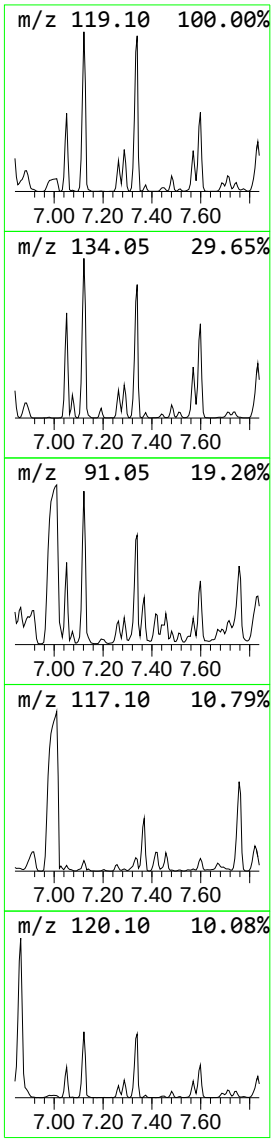
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.340	61.99 ng	4703550	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	o-Cymene	134	C10H14	000527-84-4	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
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Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

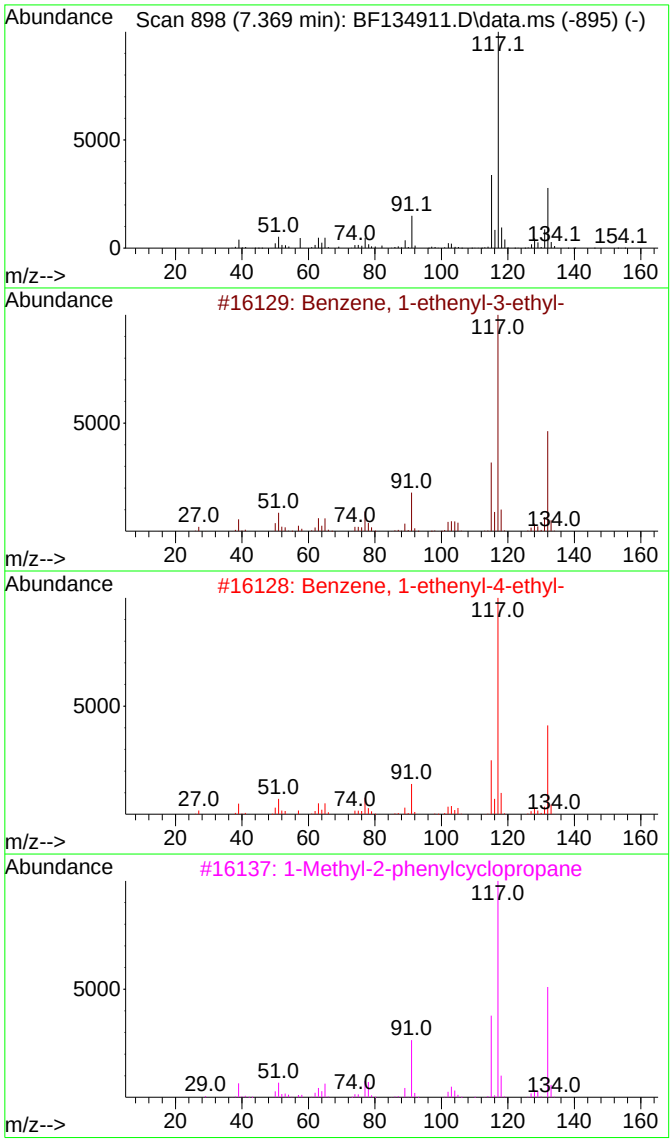
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

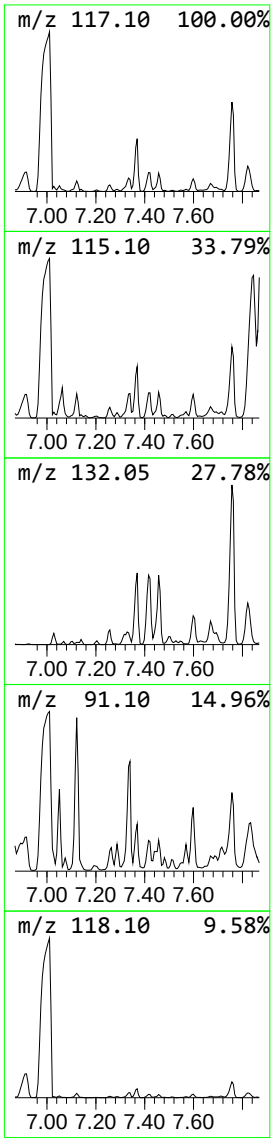
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.369	29.24 ng	2219070	1,4-Dichlorobenzene-d4	6.798

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

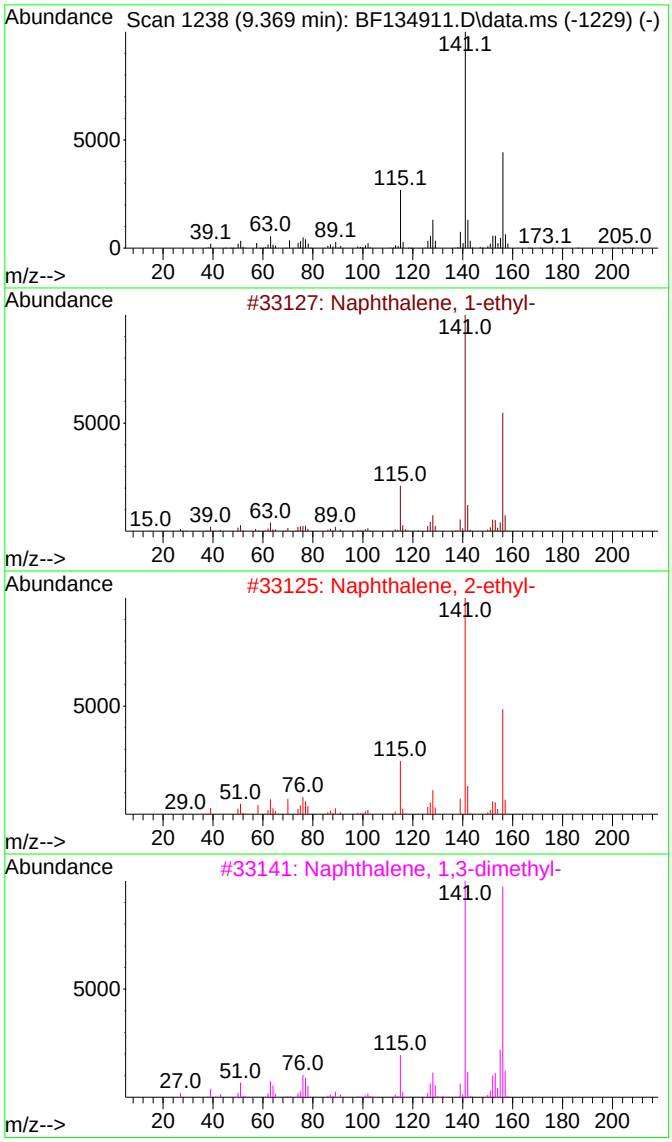
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

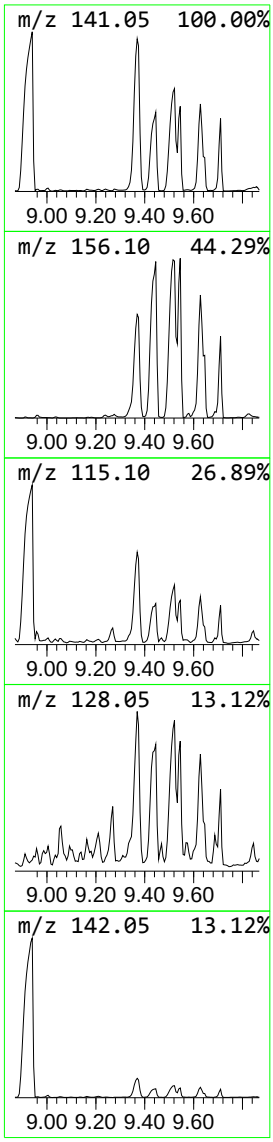
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	85.06 ng	11013000	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	91
4	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59
5	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

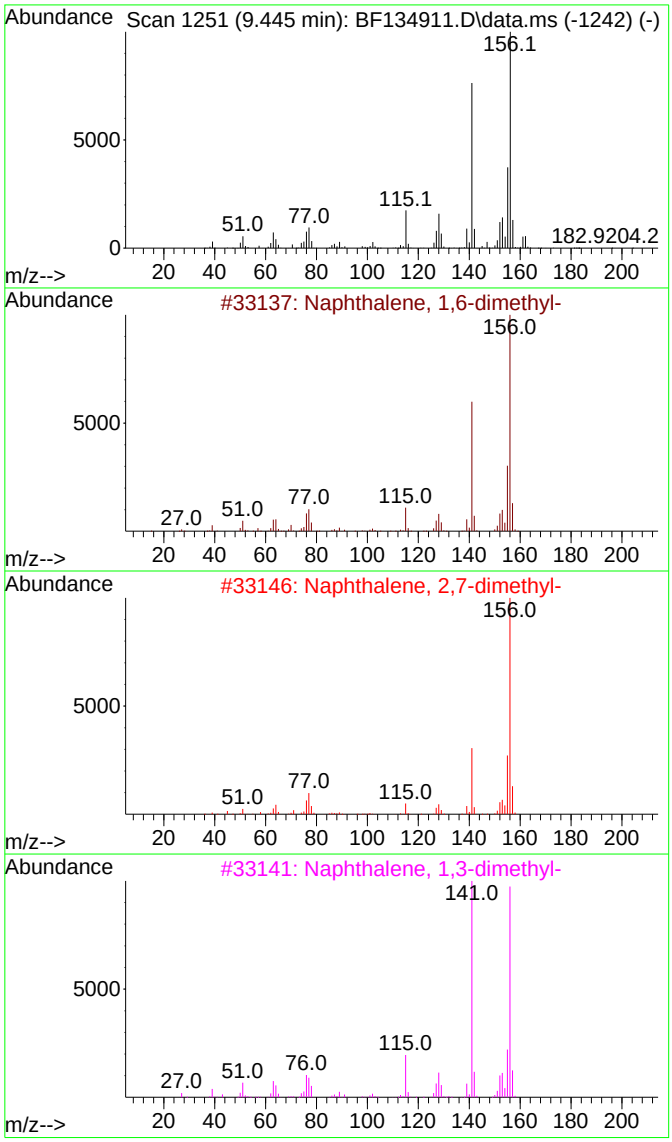
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

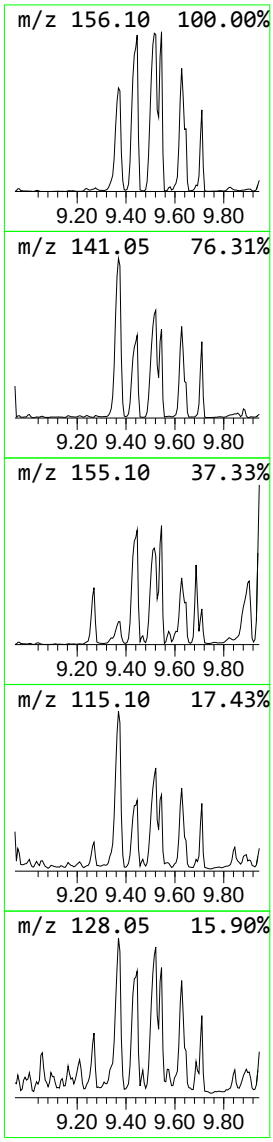
****

Peak Number 15 Naphthalene, 1,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	73.72 ng	9544270	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, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

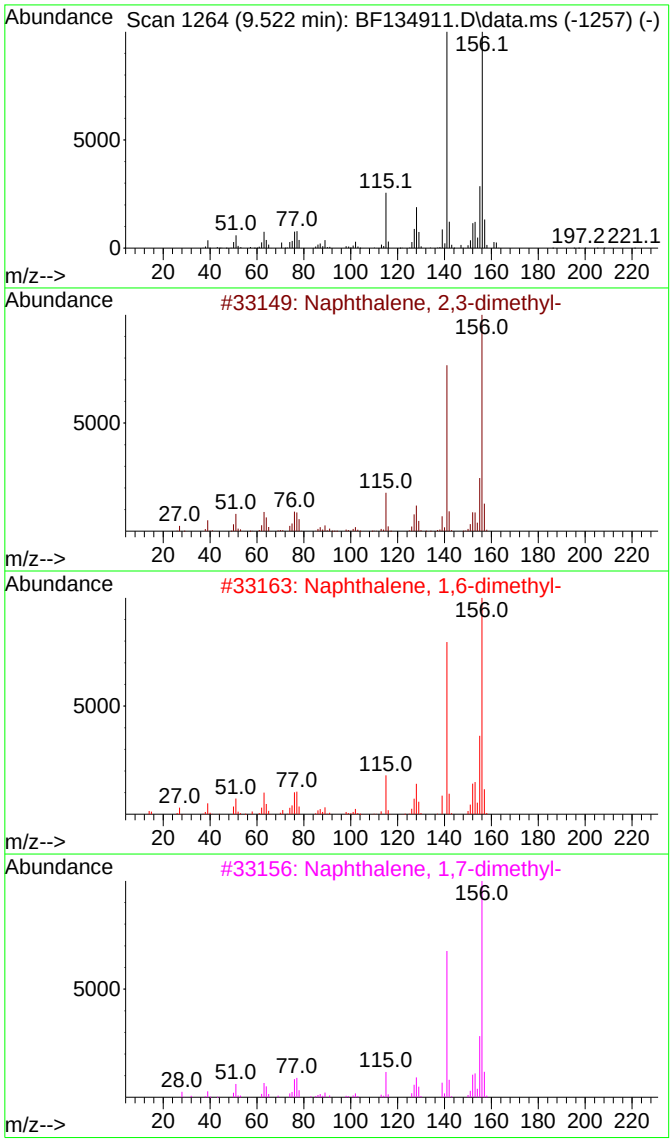
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

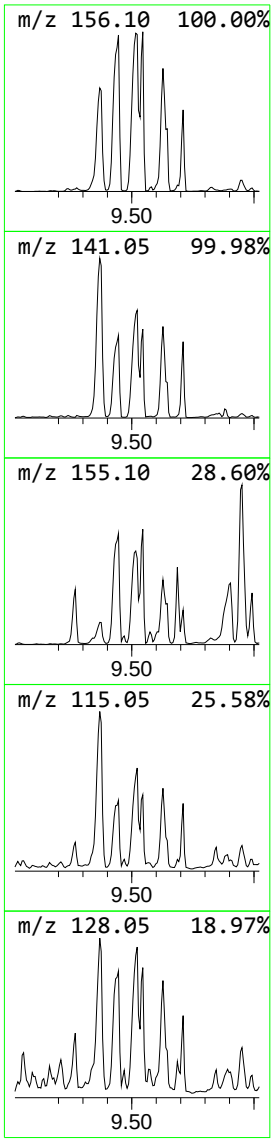
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.522	90.29 ng	11690800	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, 1,6-dimethyl-	156	C12H12	000575-43-9	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, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

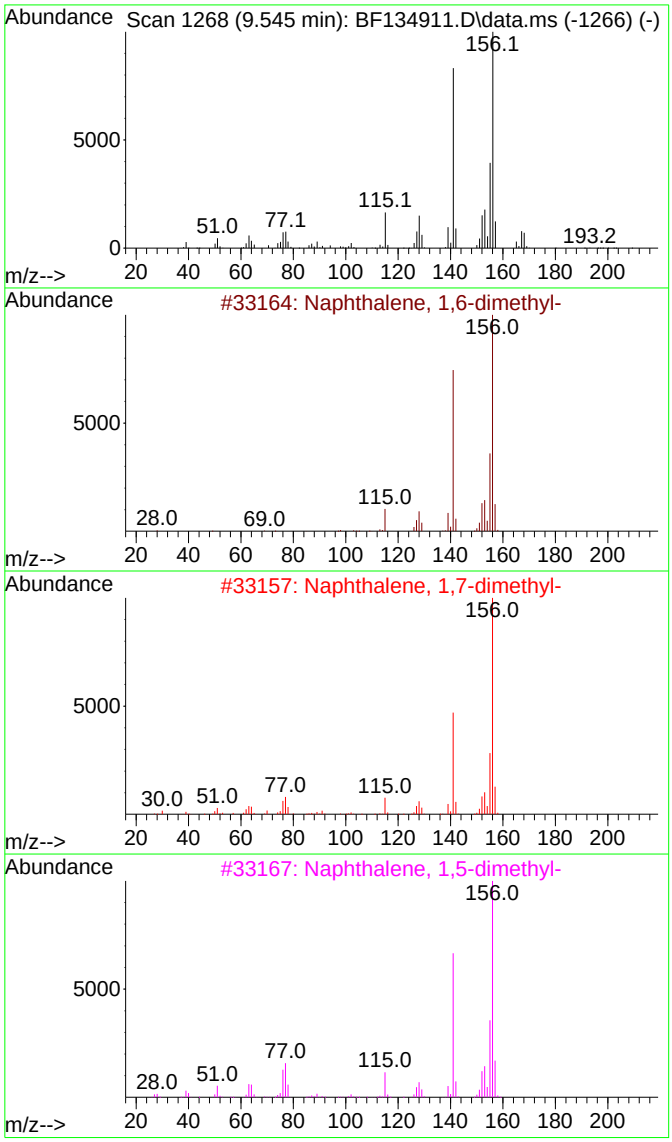
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

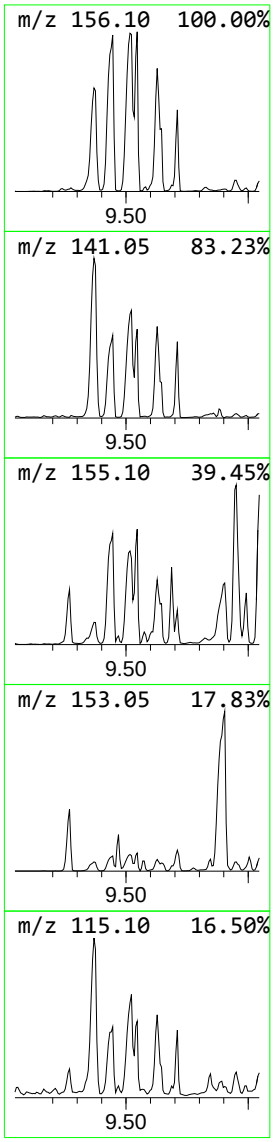
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,7-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	38.51 ng	4985510	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, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
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Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

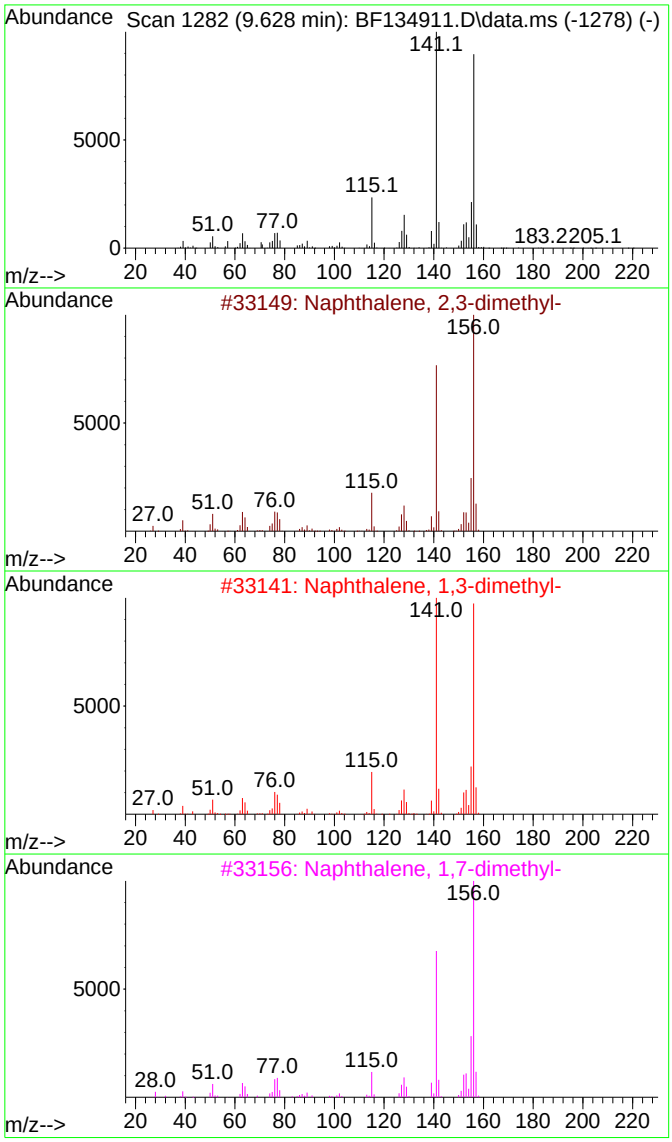
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

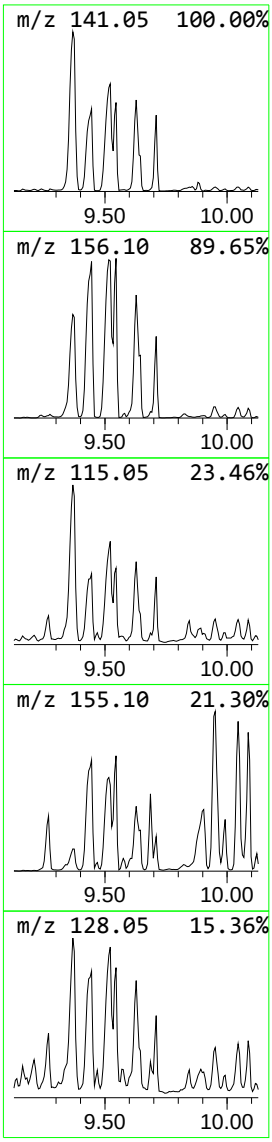
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.628	53.15 ng	6882140	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

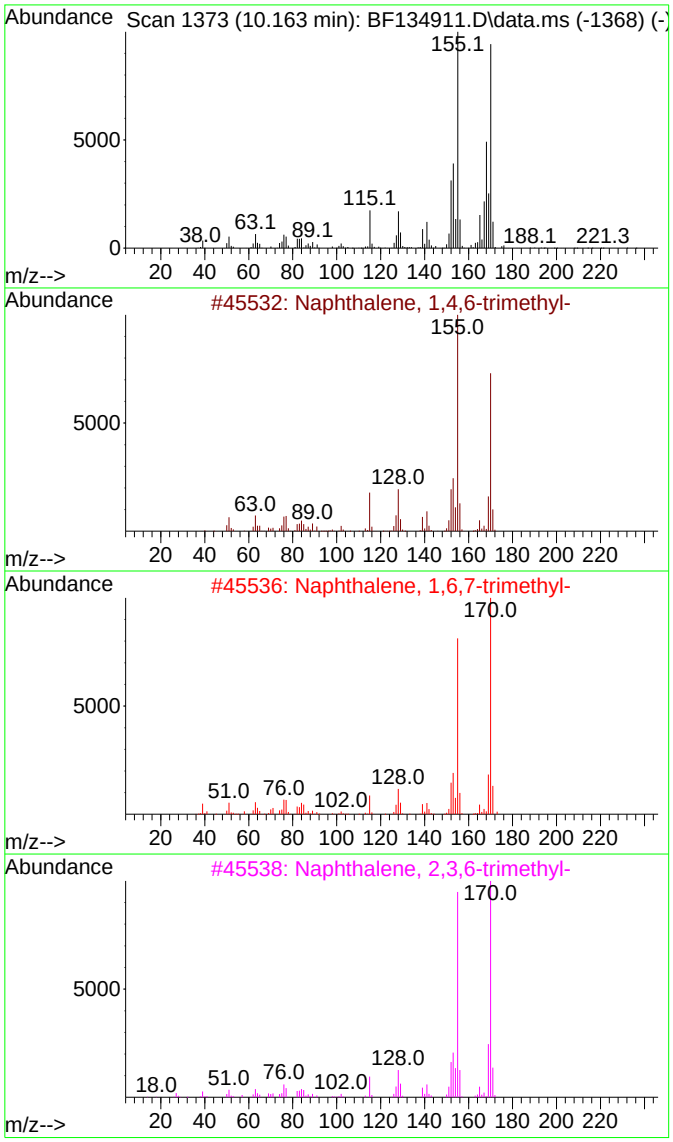
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

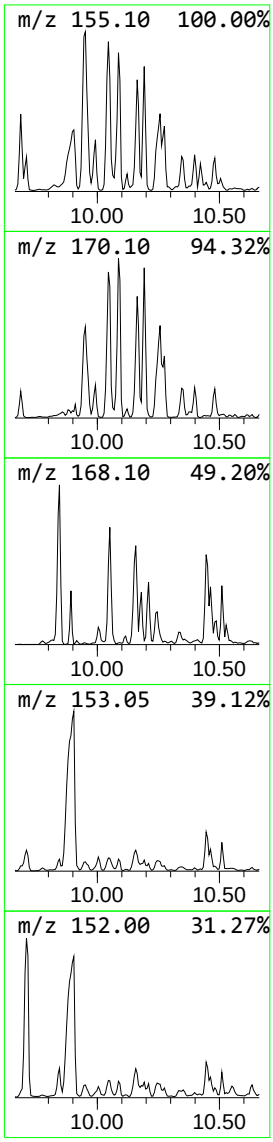
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 1,4,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.163	28.42 ng	3679810	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	92
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	83
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

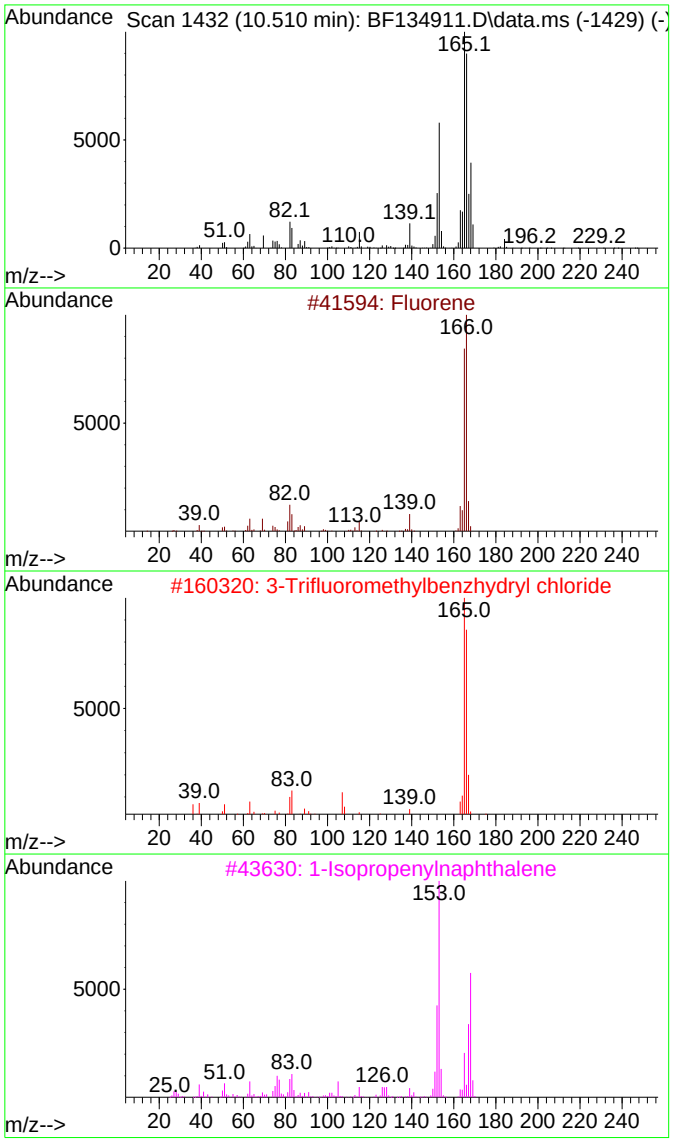
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

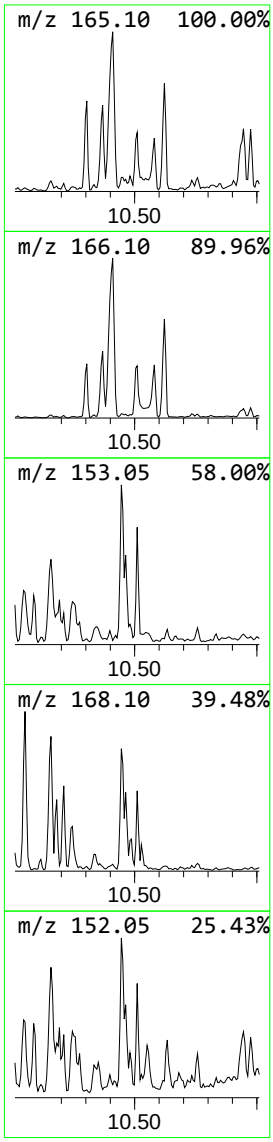
****

Peak Number 20 unknown10.510 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.510	26.12 ng	3381920	Acenaphthene-d10	9.845

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	60
2	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	47
3	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	38
4	1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	32
5	Cyclooctylamine, N-methyl-, N-tr...	237	C11H18F3NO	1000446-90-9	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
Data File : BF134911.D
Acq On : 23 Aug 2023 18:46
Operator : CG\JU
Sample : 04093-02 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NEVINS-SB04-Z52-53

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	6.334	77.3	ng	5864000	1	6.798	1517620	20.0
Benzene, 1-ethy...	6.363	69.9	ng	5305500	1	6.798	1517620	20.0
Mesitylene	6.487	27.8	ng	2110980	1	6.798	1517620	20.0
Benzene, 1,2,3-...	6.634	111.0	ng	8420670	1	6.798	1517620	20.0
Indane	6.916	32.1	ng	2436560	1	6.798	1517620	20.0
Benzene, 2-prop...	7.010	262.0	ng	19880600	1	6.798	1517620	20.0
Benzene, 1,3-di...	7.051	43.6	ng	3307750	1	6.798	1517620	20.0
Benzene, 2-ethy...	7.122	68.5	ng	5201840	1	6.798	1517620	20.0
Benzene, 4-ethy...	7.340	62.0	ng	4703550	1	6.798	1517620	20.0
Benzene, 1-ethe...	7.369	29.2	ng	2219070	1	6.798	1517620	20.0
Naphthalene, 1-...	9.369	85.1	ng	11013000	3	9.845	2589490	20.0
Naphthalene, 1,...	9.445	73.7	ng	9544270	3	9.845	2589490	20.0
Naphthalene, 2,...	9.522	90.3	ng	11690800	3	9.845	2589490	20.0
Naphthalene, 1,...	9.545	38.5	ng	4985510	3	9.845	2589490	20.0
Naphthalene, 1,...	9.628	53.1	ng	6882140	3	9.845	2589490	20.0
Naphthalene, 1,...	10.163	28.4	ng	3679810	3	9.845	2589490	20.0
unknown10.510	10.510	26.1	ng	3381920	3	9.845	2589490	20.0