LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

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_M\Methods\8270-BM052722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035327.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.381	382	390	397	rBV	8955713	12811979	56.12%	5.376%
2	5.452	397	402	407	rVV	1096698	1616936	7.08%	0.679%
3	5.534	407	416	429	rVB	6790096	11550618	50.60%	4.847%
4	5.881	467	475	486	rVB	789368	1265885	5.55%	0.531%
5	6.140	512	519	531	rVB2	153662	300983	1.32%	0.126%
6	6.358	550	556	566	rVB	821808	1256434	5.50%	0.527%
7	6.846	633	639	646	rBV	1594152	2371384	10.39%	0.995%
8	6.957	646	658	663	rVV	965062	1652229	7.24%	0.693%
9	7.016	663	668	672	rVV	1765244	2801577	12.27%	1.176%
10	7.052	672	674	677	rVV	639886	841739	3.69%	0.353%
11	7.093	677	681	686	rVV	2495259	3748795	16.42%	1.573%
12	7.257	702	709	716	rBV	3964193	6160345	26.99%	2.585%
13	7.528	742	755	762	rBV	13778704	22828738	100.00%	9.579%
14	7.869	807	813	817	rBV	436333	711129	3.12%	0.298%
15	7.987	827	833	840	rBV	5004673	7837870	34.33%	3.289%
16	8.152	850	861	864	rBV2	362165	752055	3.29%	0.316%
17	8.246	870	877	886	rBV	7166925	11414871	50.00%	4.790%
18	8.363	891	897	901	rVV	987447	1531583	6.71%	0.643%
19	8.410	901	905	912	rVB2	748476	1369657	6.00%	0.575%
20	8.510	912	922	928	rBV	1289736	2229364	9.77%	0.935%
21	8.563	928	931	941	rVB	236646	348648	1.53%	0.146%
22	8.675	941	950	960	rBV2	619071	1224836	5.37%	0.514%
23	8.828	966	976	980	rBV	1091536	1775178	7.78%	0.745%
24	8.875	980	984	992	rVV	885079	1488802	6.52%	0.625%
25	8.981	992	1002	1006	rVV	3214183	5513962	24.15%	2.314%
26	9.057	1006	1015	1026	rVB2	2222439	5977288	26.18%	2.508%
27	9.216	1035	1042	1050	rVB6	112756	327431	1.43%	0.137%
28	9.310	1051	1058	1072	rVB2	522465	1102281	4.83%	0.463%
29	9.498	1084	1090	1095	rBV	1609395	2509371	10.99%	1.053%
30	9.563	1095	1101	1106	rVB	1733359	2613638	11.45%	1.097%
31	9.646	1111	1115	1124	rVB3	201051	474727	2.08%	0.199%
32	9.769	1130	1136	1141	rBV3	173410	404079	1.77%	0.170%
33	9.863	1146	1152	1155	rBV3	244232	484976	2.12%	0.204%
34	9.922	1156	1162	1176	rVB	1700774	3115092	13.65%	1.307%
35	10.075	1176	1188	1196	rBV2	3641722	7162449	31.37%	3.006%
36	10.257	1214	1219	1223	rVB	478541	723312	3.17%	0.304%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

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_M\Methods\8270-BM052722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.304	1223	1227	1234	rVB2	365787	674682	2.96%	0.283%
38	10.375	1234	1239	1246	rVB	235283	379653	1.66%	0.159%
39	10.663	1279	1288	1292	rVV2	802699	1949191	8.54%	0.818%
40	10.728	1292	1299	1305	rVV	6737792	11874513	52.02%	4.983%
41	10.787	1305	1309	1312	rVV	347025	506828	2.22%	0.213%
42	10.834	1312	1317	1323	rVB3	798186	1563960	6.85%	0.656%
43	11.045	1346	1353	1358	rBV4	186739	437338	1.92%	0.184%
44	11.240	1380	1386	1391	rBV6	184192	515311	2.26%	0.216%
45	11.292	1391	1395	1399	rVV2	338014	640283	2.80%	0.269%
46	11.334	1399	1402	1407	rVB	267310	381375	1.67%	0.160%
47	11.398	1407	1413	1425	rVB10	137539	431957	1.89%	0.181%
48	11.516	1425	1433	1440	rBV6	91162	300925	1.32%	0.126%
49	11.587	1440	1445	1451	rVV	326626	536736	2.35%	0.225%
50	11.704	1451	1465	1470	rVV	772341	2104634	9.22%	0.883%
51	11.775	1470	1477	1486	rVV3	559383	1397456	6.12%	0.586%
52	11.863	1487	1492	1506	rVB5	176606	532292	2.33%	0.223%
53	12.057	1519	1525	1534	rVB	410659	754253	3.30%	0.317%
54	12.222	1549	1553	1560	rVB3	241272	442144	1.94%	0.186%
55	12.334	1566	1572	1577	rVB2	2042242	3329739	14.59%	1.397%
56	12.392	1577	1582	1587	rBV	561427	834732	3.66%	0.350%
57	12.551	1600	1609	1614	rBV	2230130	3626870	15.89%	1.522%
58	12.628	1614	1622	1629	rBV3	370753	1119688	4.90%	0.470%
59	12.834	1631	1657	1660	rBV	2615778	11032166	48.33%	4.629%
60	12.939	1666	1675	1678	rBV2	636636	1739994	7.62%	0.730%
61	13.004	1682	1686	1689	rVV	1072866	1956145	8.57%	0.821%
62	13.034	1689	1691	1698	rVB2	961843	1281537	5.61%	0.538%
63	13.134	1698	1708	1715	rVB	4000176	6052277	26.51%	2.540%
64	13.310	1730	1738	1741	rBV4	264864	735173	3.22%	0.308%
65	13.428	1742	1758	1761	rVV	1232666	4046401	17.73%	1.698%
66	13.457	1761	1763	1769	rVV2	853539	1064007	4.66%	0.446%
67	13.516	1770	1773	1779	rVB3	475821	819600	3.59%	0.344%
68	13.592	1779	1786	1788	rBV	744121	1393566	6.10%	0.585%
69	13.622	1788	1791	1799	rVB2	770355	1743543	7.64%	0.732%
70	13.792	1810	1820	1822	rBV2	704246	1667807	7.31%	0.700%
71	13.839	1822	1828	1832	rVV	2571760	4302705	18.85%	1.806%
72	13.875	1832	1834	1840	rVB3	321231	467419	2.05%	0.196%
73	13.934	1840	1844	1849	rVB3	167655	257282	1.13%	0.108%
74	14.010	1850	1857	1862	rBV4	364259	1003997	4.40%	0.421%
75	14.063	1862	1866	1871	rVB	836776	1206714	5.29%	0.506%
76	14.210	1884	1891	1897	rBV	1145685	2062839	9.04%	0.866%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

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_M\Methods\8270-BM052722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	14.269	1897	1901	1905	rVV	216770	287604	1.26%	0.121%
78	14.504	1931	1941	1945	rBV	1053845	1955650	8.57%	0.821%
79	14.539	1945	1947	1956	rVB3	513212	672734	2.95%	0.282%
80	14.698	1967	1974	1976	rBV4	337639	676038	2.96%	0.284%
81	14.733	1977	1980	1986	rVV5	379770	760282	3.33%	0.319%
82	14.998	2021	2025	2027	rVV	194165	289042	1.27%	0.121%
83	15.057	2027	2035	2042	rVV	1194049	2570263	11.26%	1.079%
84	15.122	2042	2046	2050	rVV4	141350	275634	1.21%	0.116%
85	15.163	2050	2053	2063	rVB2	149972	287975	1.26%	0.121%
86	15.339	2075	2083	2088	rBV7	91044	274995	1.20%	0.115%
87	15.410	2088	2095	2100	rVV2	293996	623314	2.73%	0.262%
88	15.616	2126	2130	2137	rBV3	251729	485211	2.13%	0.204%
89	15.675	2137	2140	2150	rVB7	87437	258943	1.13%	0.109%
90	15.998	2189	2195	2203	rVB	3294268	4529144	19.84%	1.901%
91	16.233	2230	2235	2249	rVB4	240377	642597	2.81%	0.270%
92	16.363	2251	2257	2267	rBV	333940	580620	2.54%	0.244%
93	17.251	2403	2408	2412	rBV	1059258	1515491	6.64%	0.636%
94	17.657	2472	2477	2482	rVB	265663	361464	1.58%	0.152%
95	18.157	2557	2562	2574	rBV	833889	1222891	5.36%	0.513%
96	19.433	2775	2779	2790	rBV	733335	964167	4.22%	0.405%
97	19.880	2849	2855	2860	rBV	6183586	7842279	34.35%	3.291%
98	21.151	3068	3071	3077	rVB	263586	314889	1.38%	0.132%
99	21.433	3115	3119	3124	rVB	1327256	1658622	7.27%	0.696%
100	23.798	3516	3521	3530	rVB2	922522	1792316	7.85%	0.752%

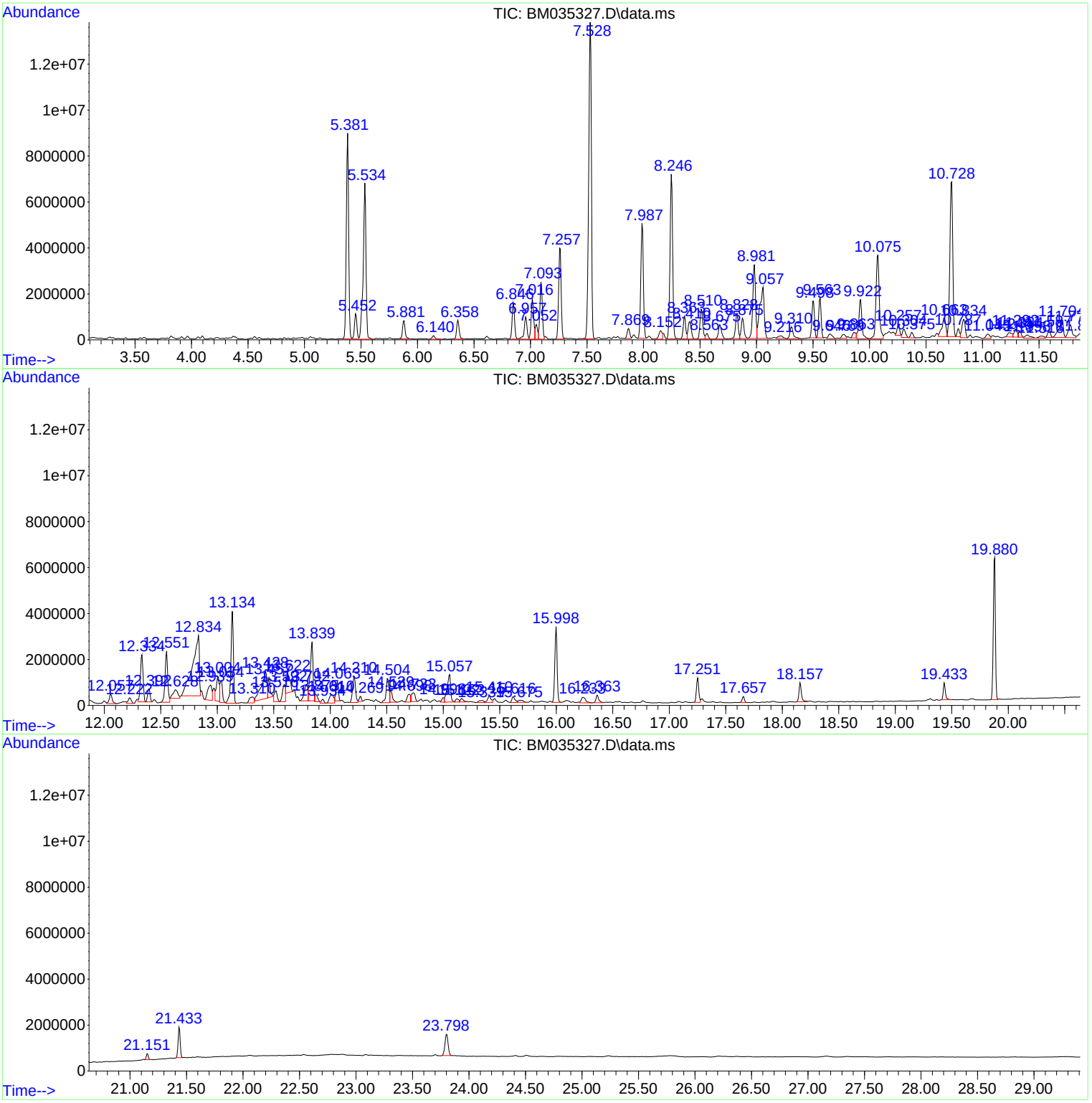
Sum of corrected areas: 238310138

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.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_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

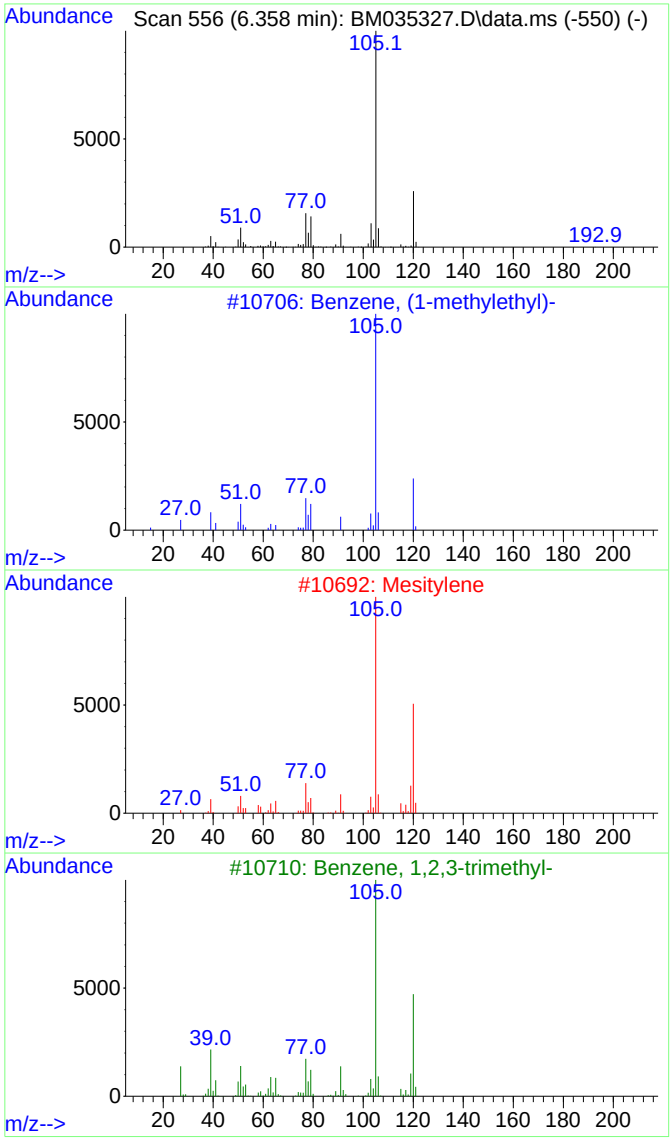
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

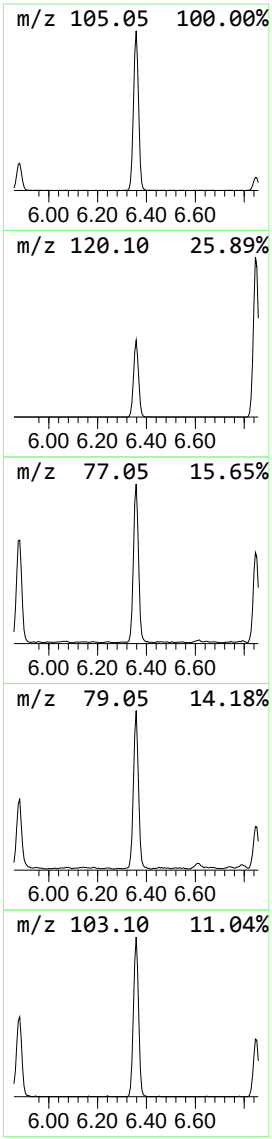
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1-methylethyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.358	35.34 ng	1256430	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	86
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

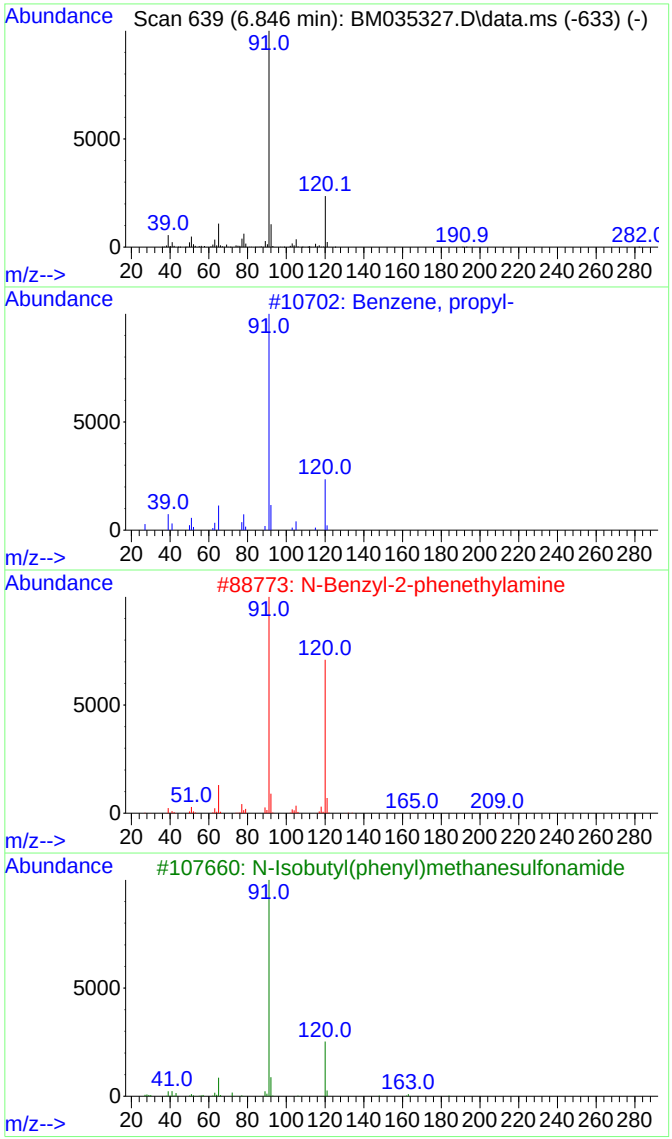
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

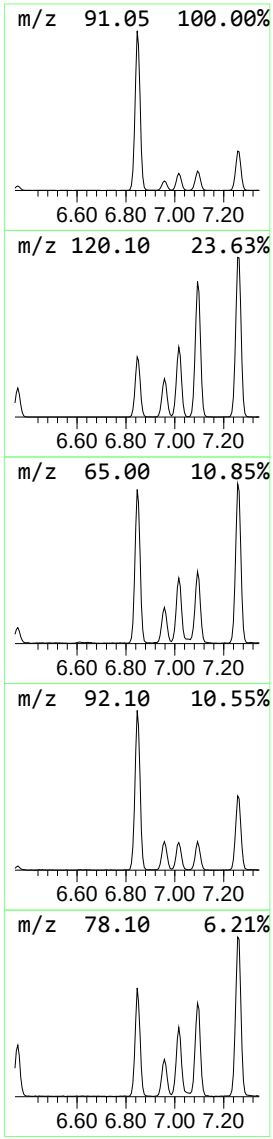
****

Peak Number 5 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.846	66.69 ng	2371380	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	83
3	N-Isobutyl(phenyl)methanesulfona...	227	C11H17NO2S	144615-94-1	72
4	Benzyl-L-glycine, methyl ester	179	C10H13NO2	1000467-89-6	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

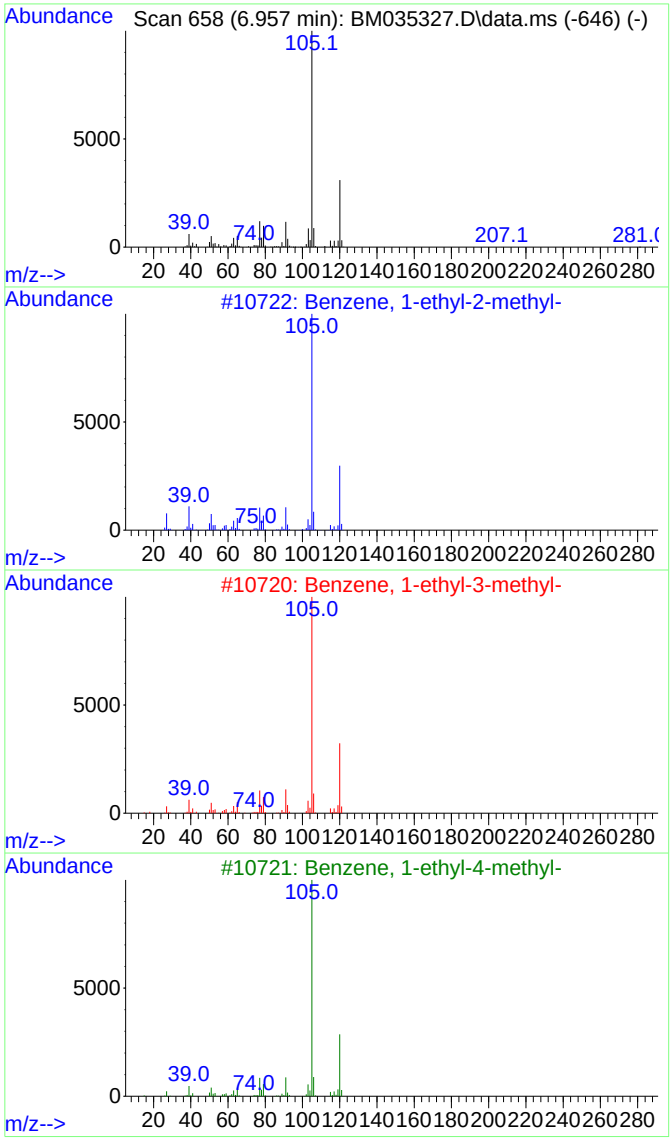
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

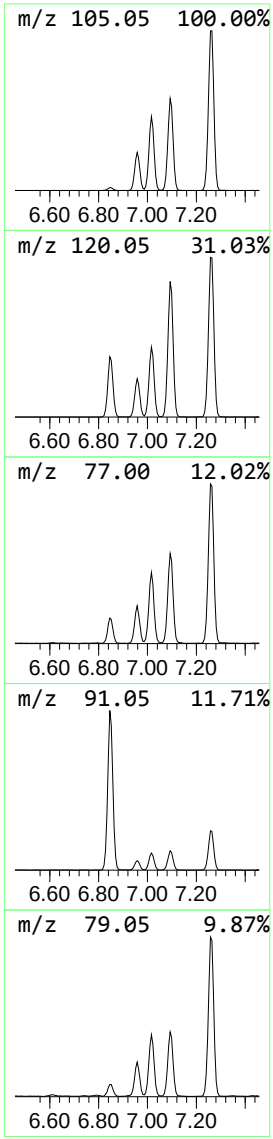
****

Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.957	46.47 ng	1652230	1,4-Dichlorobenzene-d4	7.869

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_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

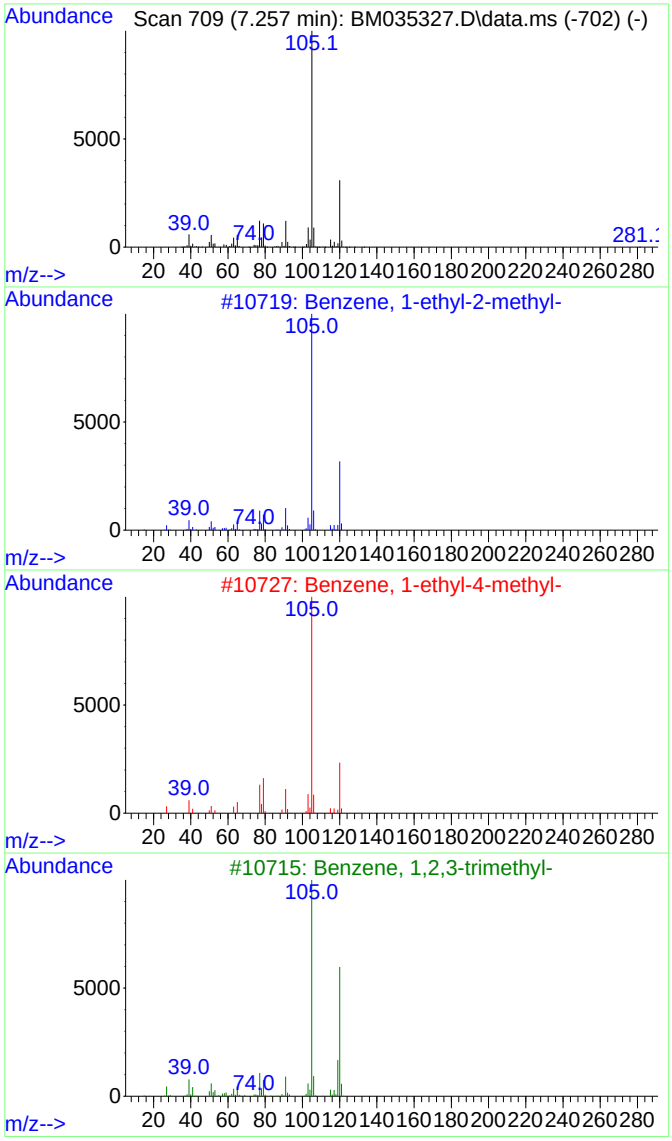
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

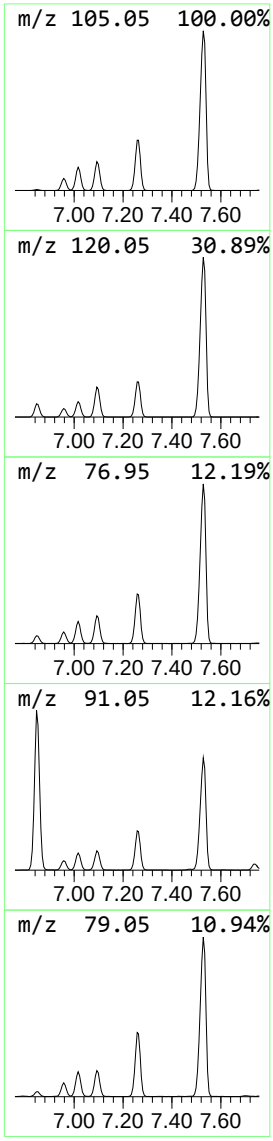
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.257	173.26 ng	6160350	1,4-Dichlorobenzene-d4	7.869

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	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

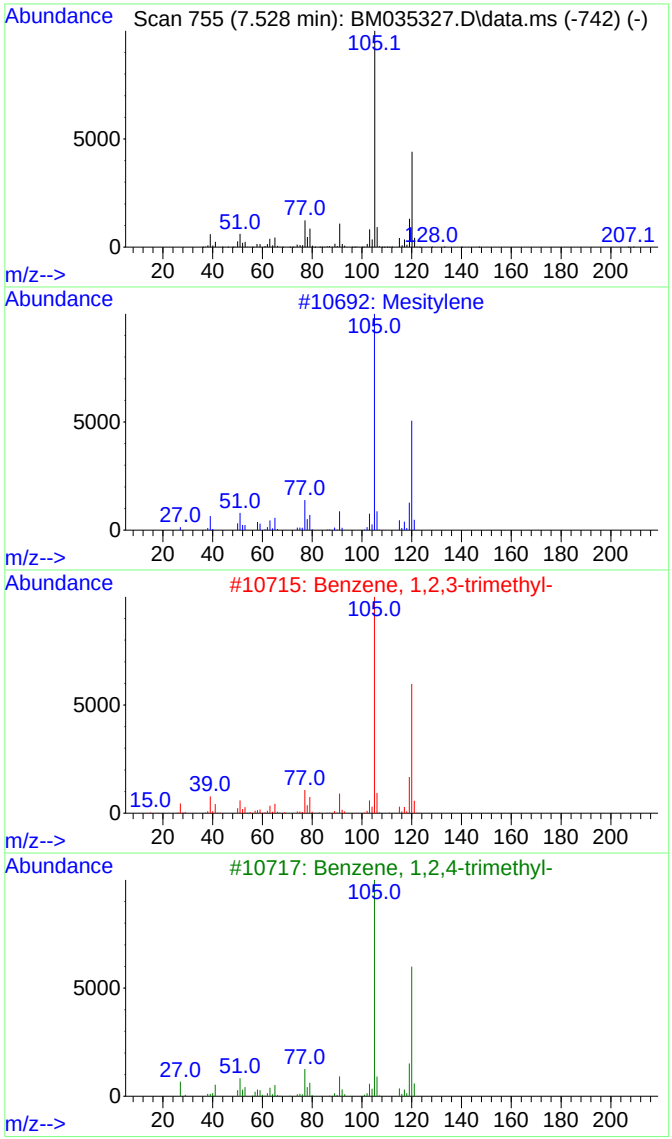
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

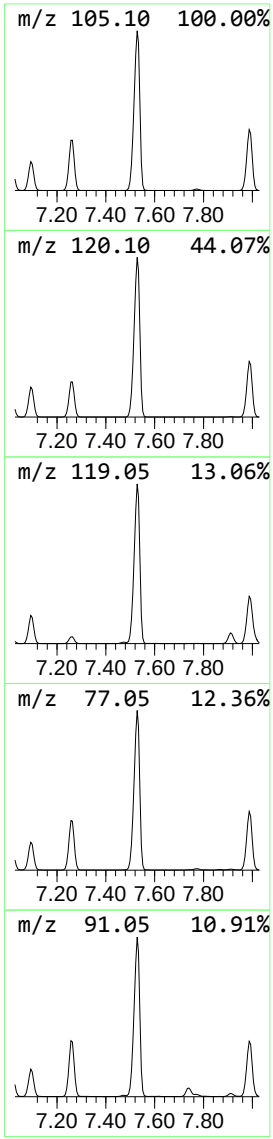
****

Peak Number 8 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.528	642.04 ng	22828700	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
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_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

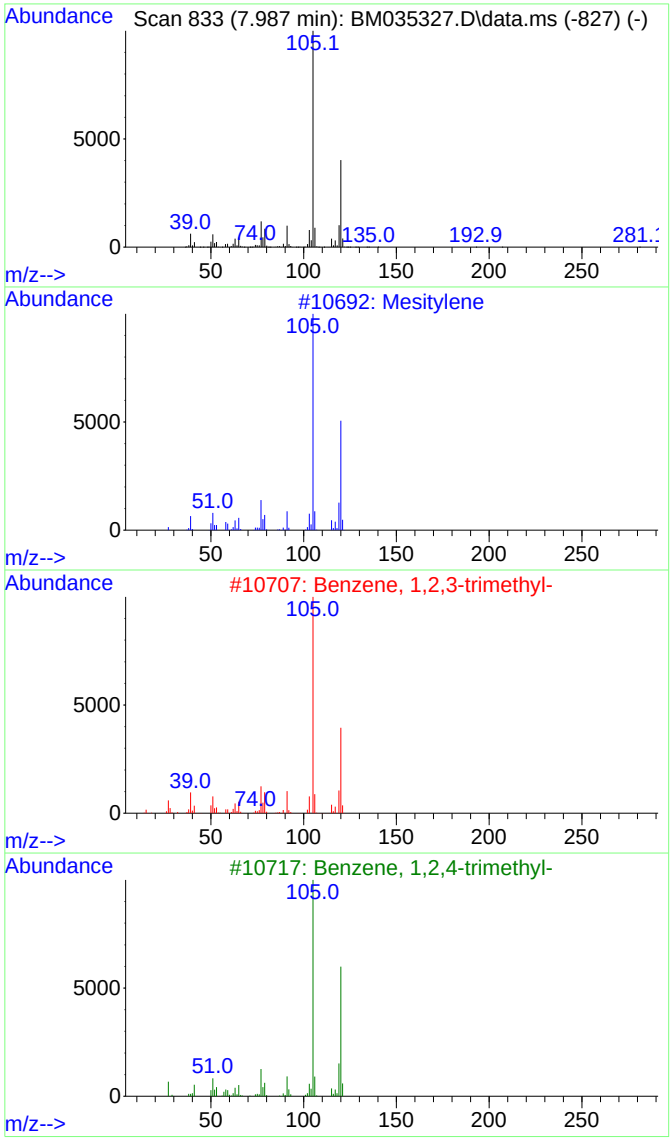
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

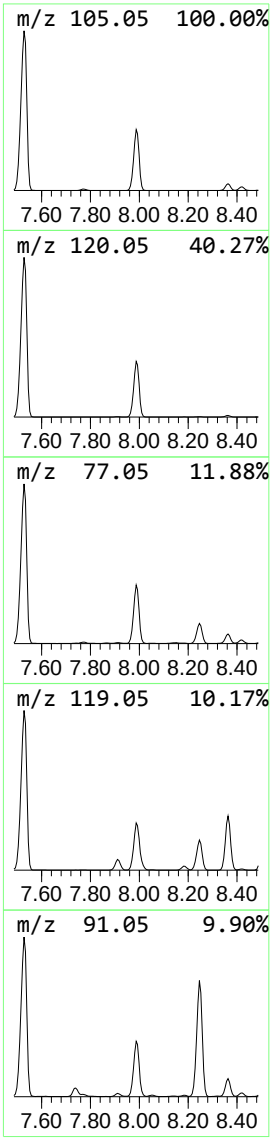
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.987	220.44 ng	7837870	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

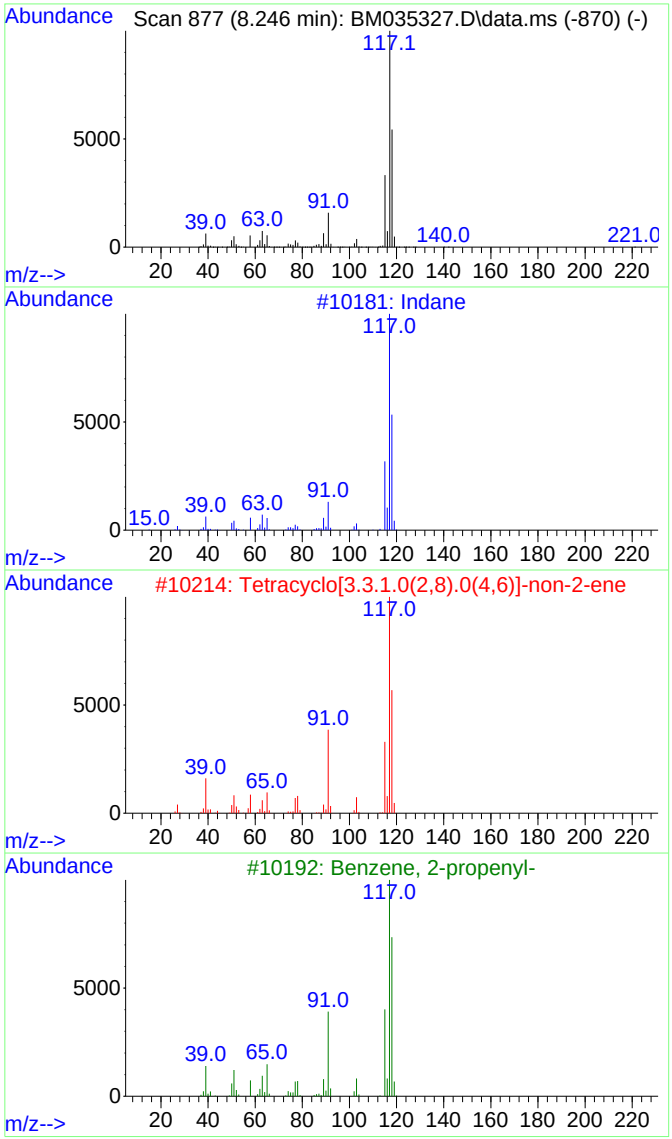
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

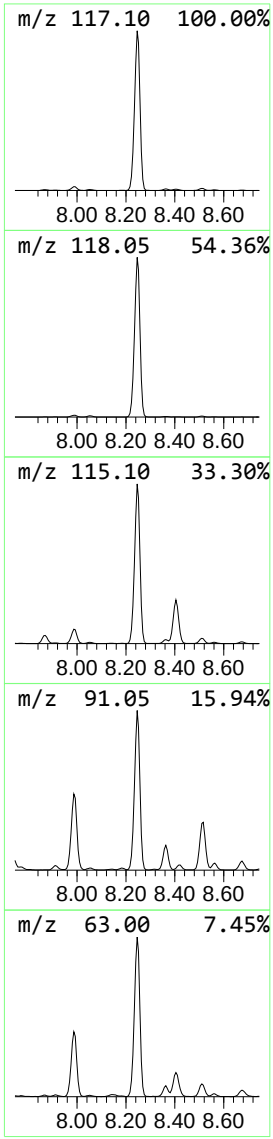
****

Peak Number 10 Indane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.246	321.04 ng	11414900	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	53
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

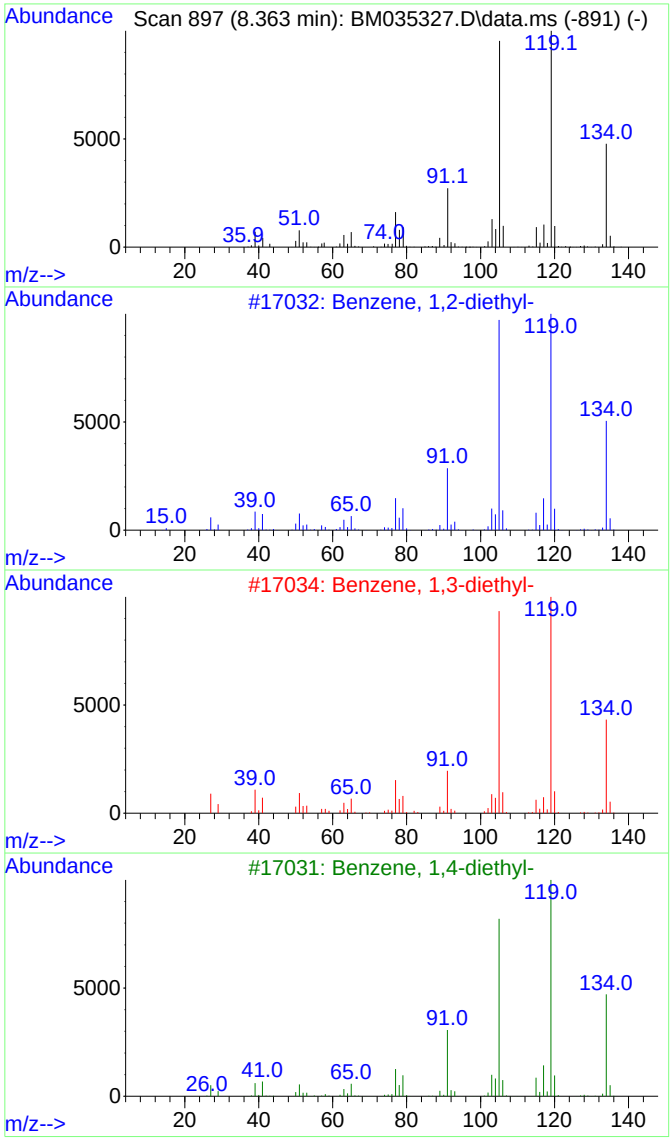
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

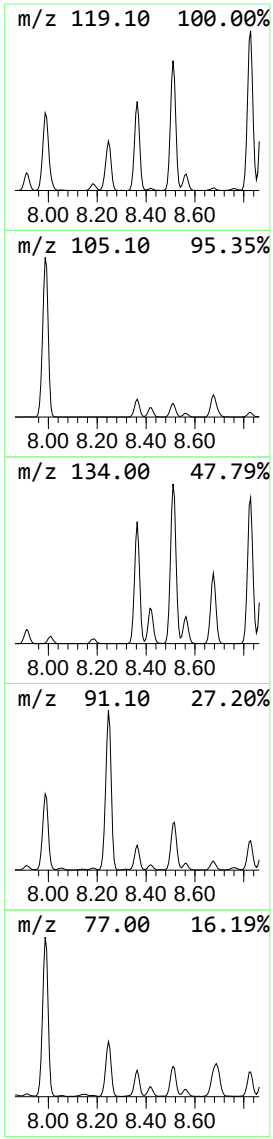
****

Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.363	43.07 ng	1531580	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

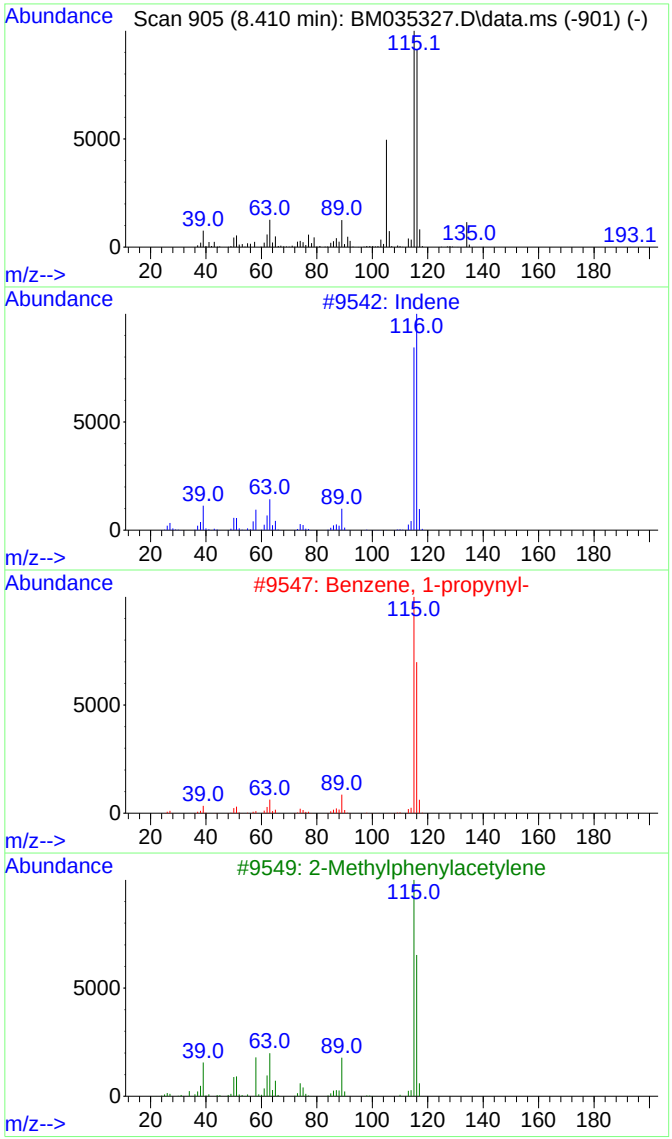
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

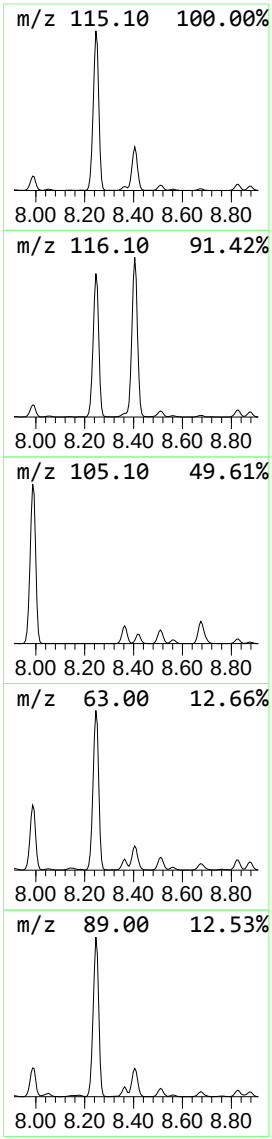
****

Peak Number 12 Indene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.410	38.52 ng	1369660	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
3	2-Methylphenylacetylene	116	C9H8	000766-47-2	87
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	87
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

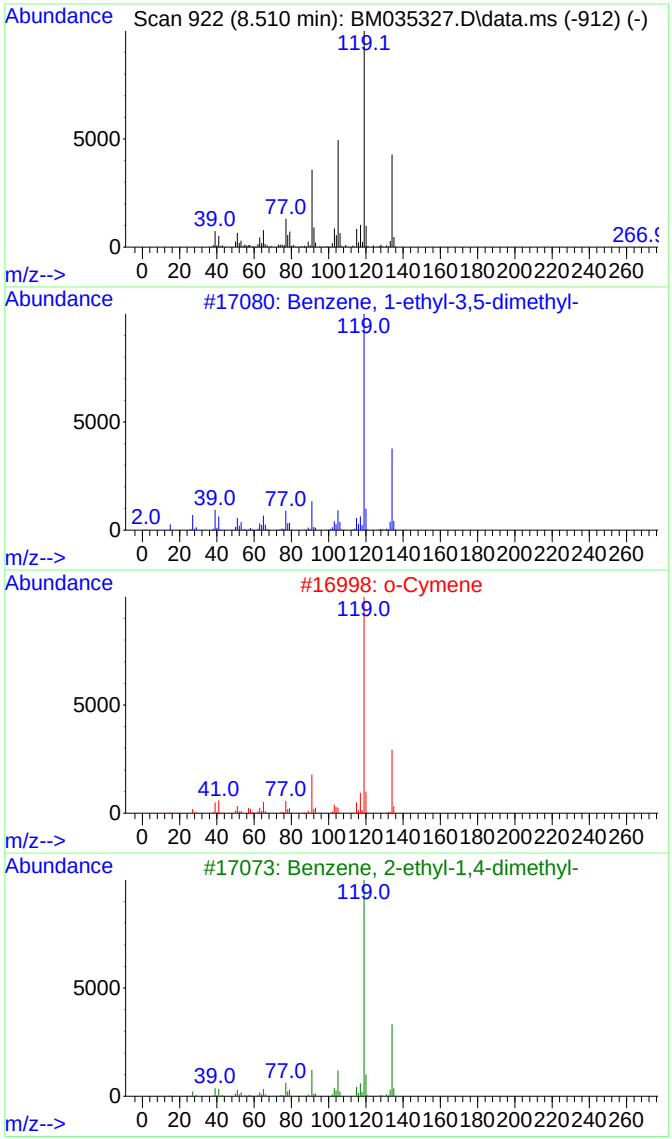
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

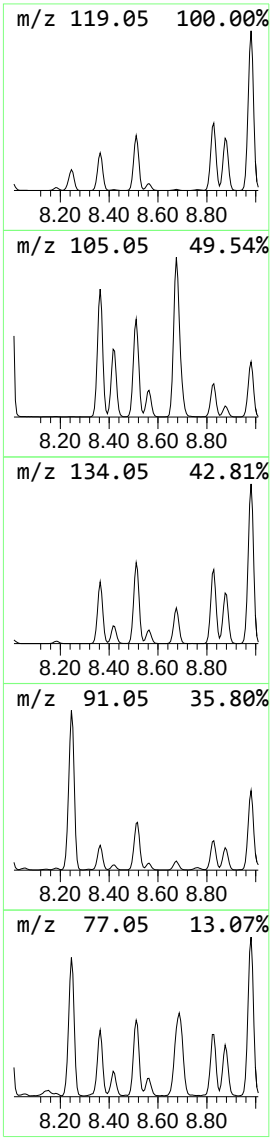
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.510	62.70 ng	2229360	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
2	o-Cymene	134	C10H14	000527-84-4	91
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

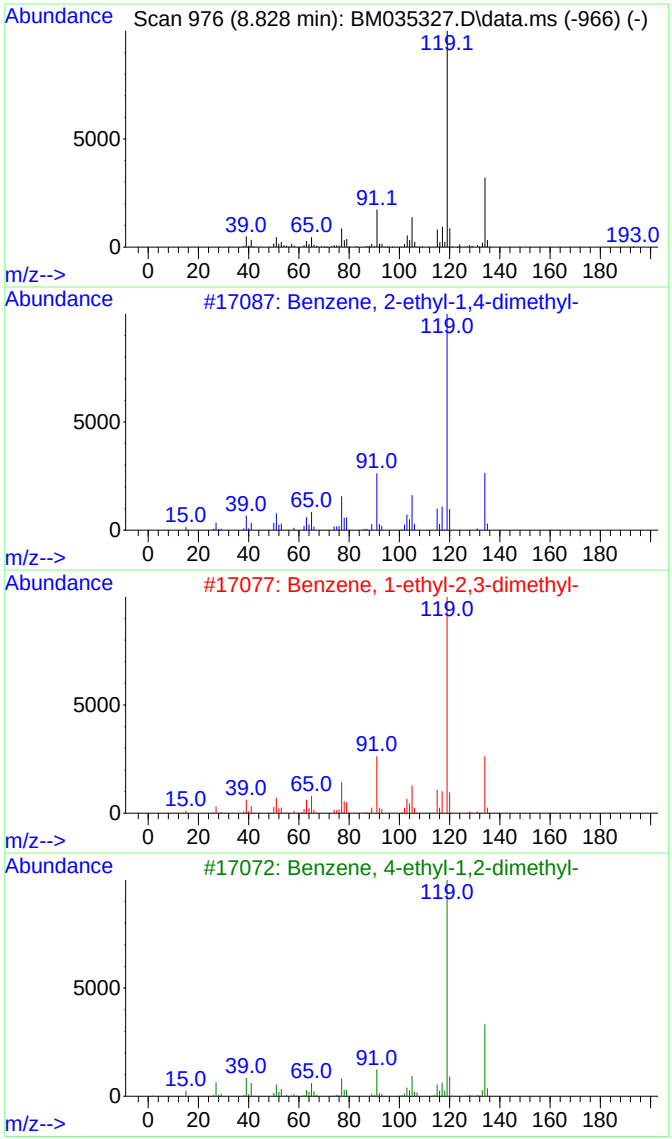
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

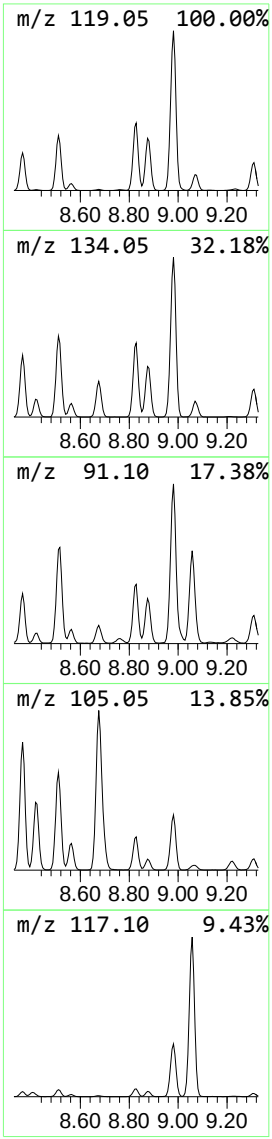
****

Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.828	49.93 ng	1775180	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	p-Cymene	134	C10H14	000099-87-6	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

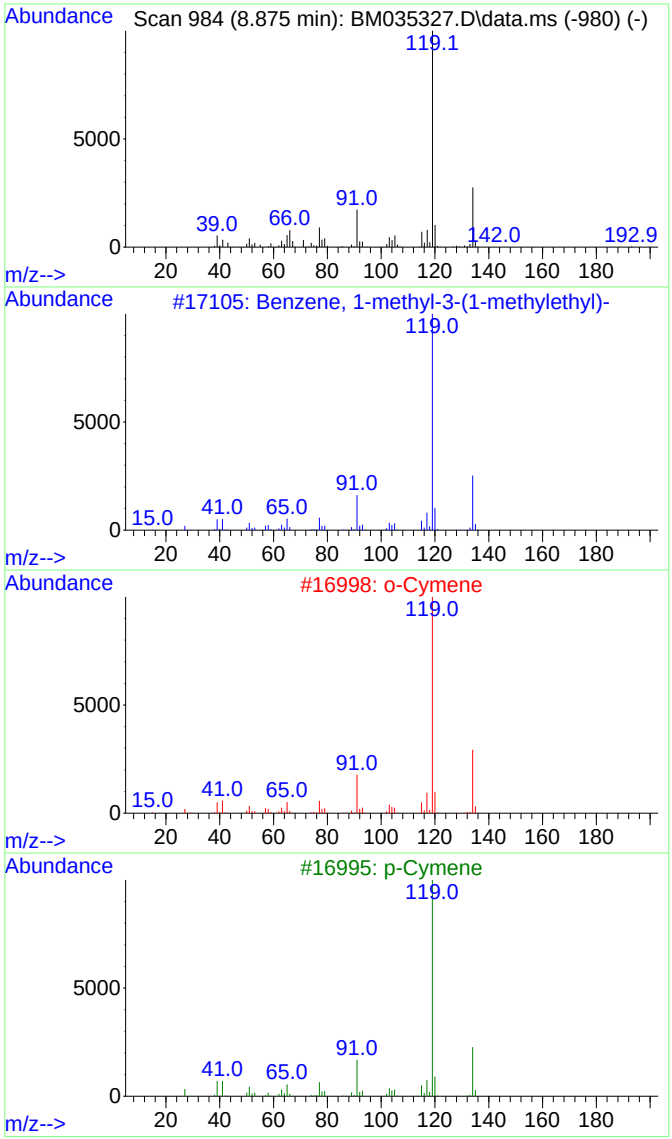
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

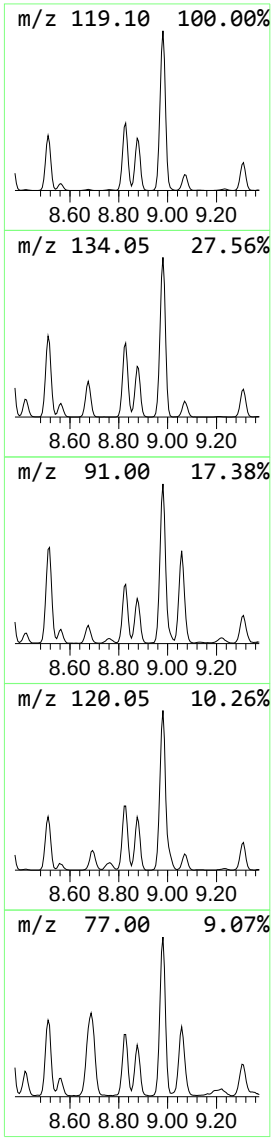
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.875	41.87 ng	1488800	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	o-Cymene	134	C10H14	000527-84-4	97
3	p-Cymene	134	C10H14	000099-87-6	95
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

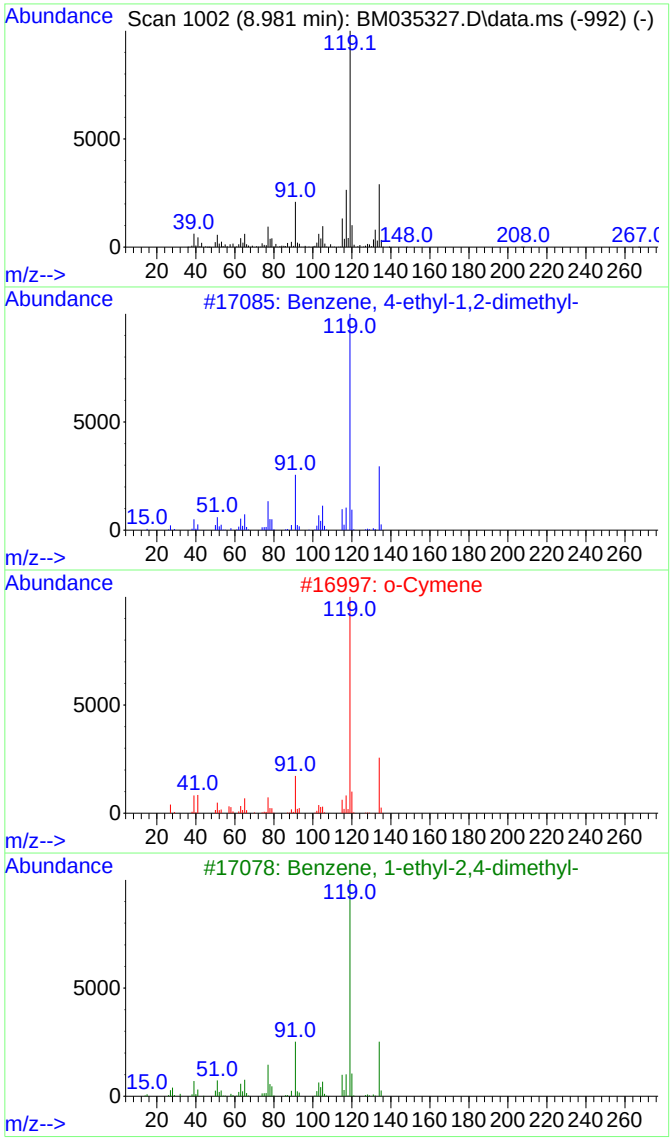
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

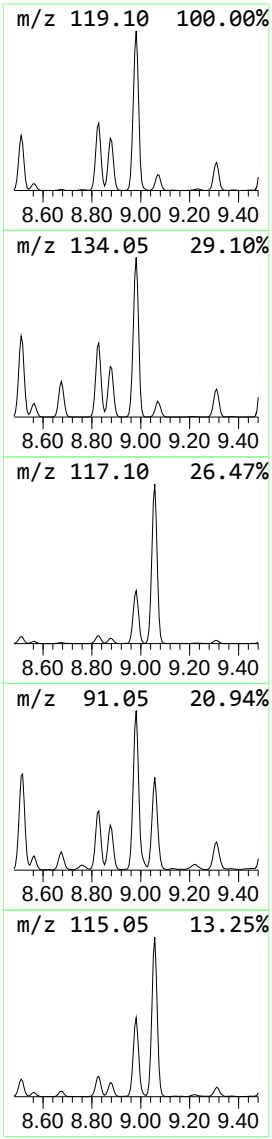
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.981	155.08 ng	5513960	1,4-Dichlorobenzene-d4	7.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

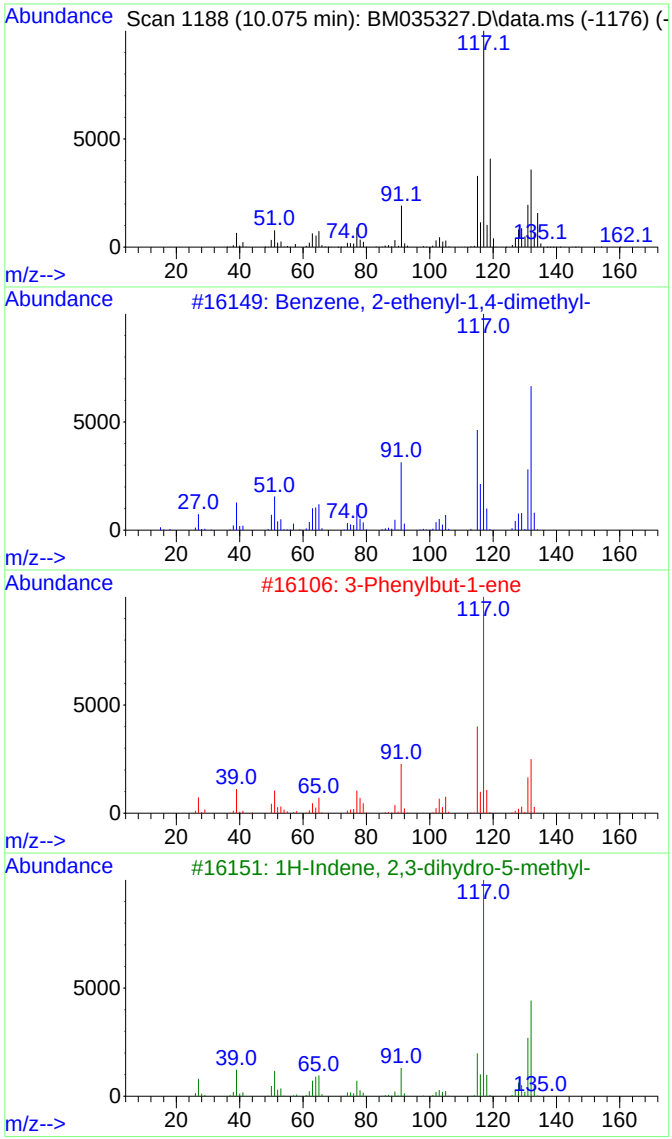
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

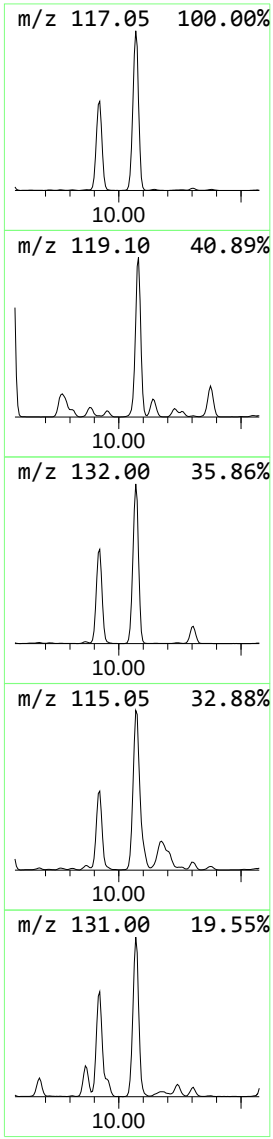
****

Peak Number 17 3-Phenylbut-1-ene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	73.49 ng	7162450	Naphthalene-d8	10.669

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	70
4	Cyclopropane, 1-methyl-1-phenyl-	132	C10H12	002214-14-4	70
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

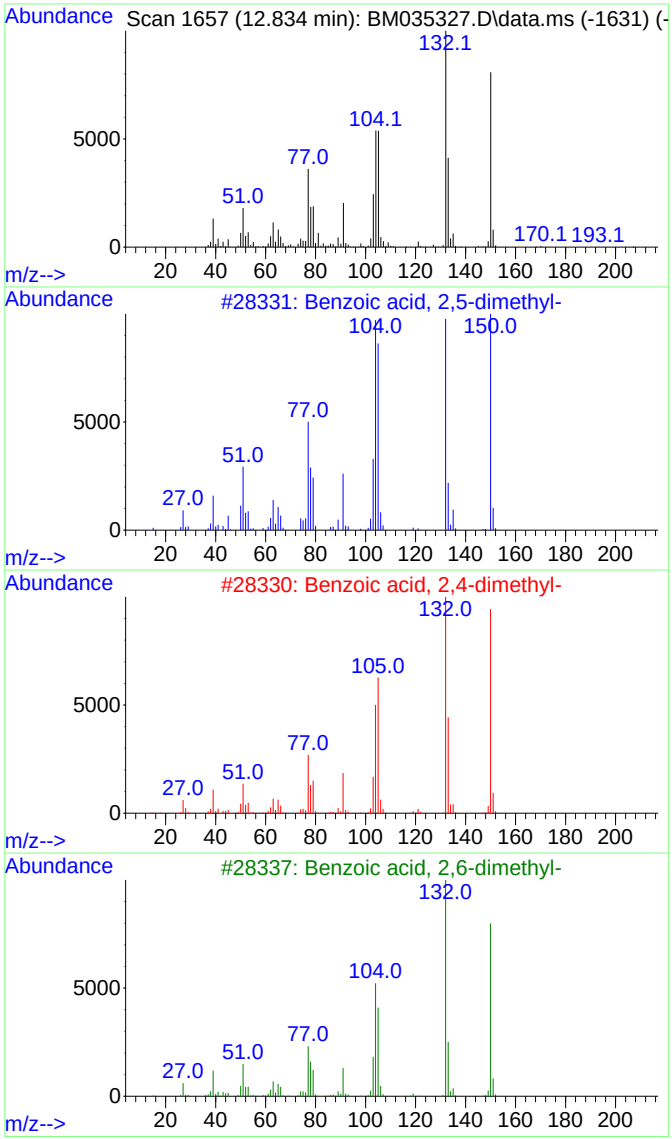
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

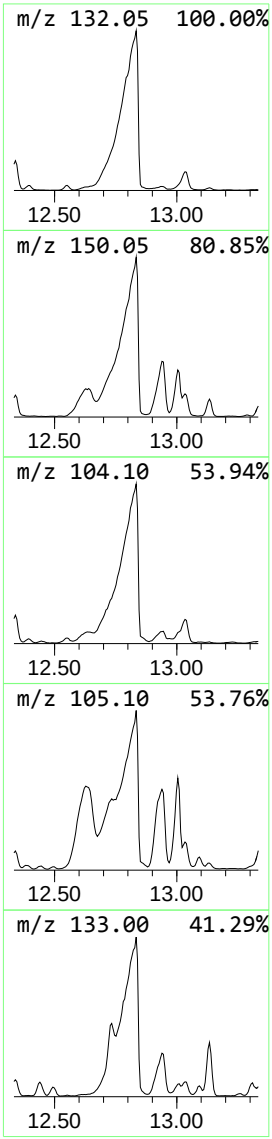
****

Peak Number 18 Benzoic acid, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.834	112.82 ng	11032200	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	96
2	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	95
3	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	94
4	o-Tolylacetic acid	150	C9H10O2	000644-36-0	49
5	Formic acid, 1-phenylethyl ester	150	C9H10O2	1000368-94-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

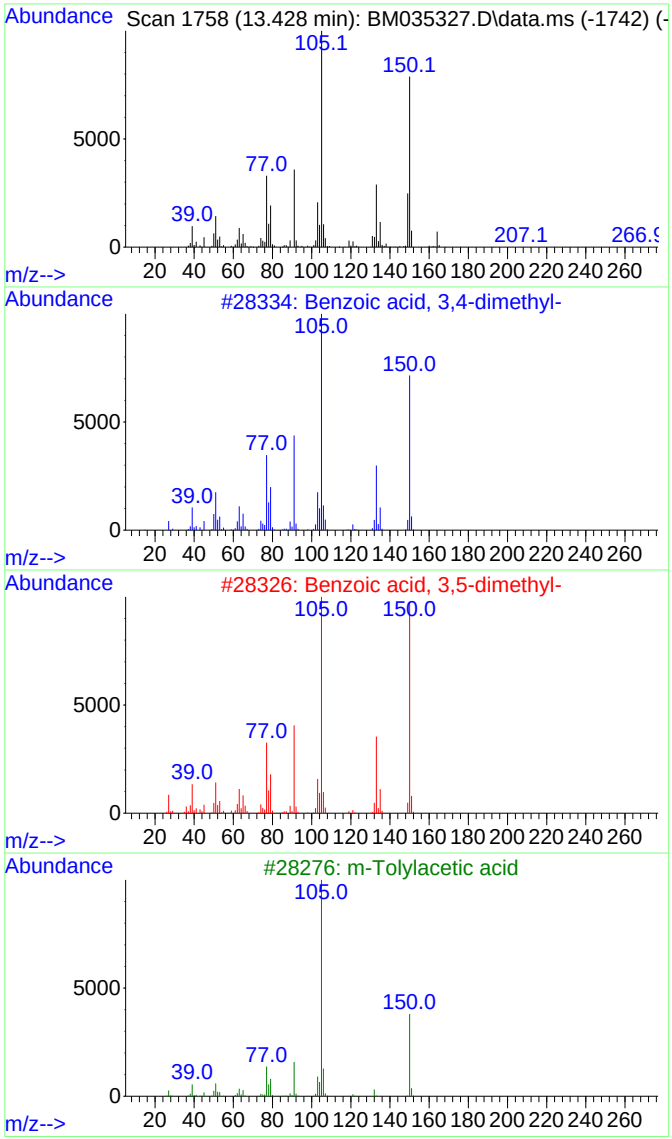
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

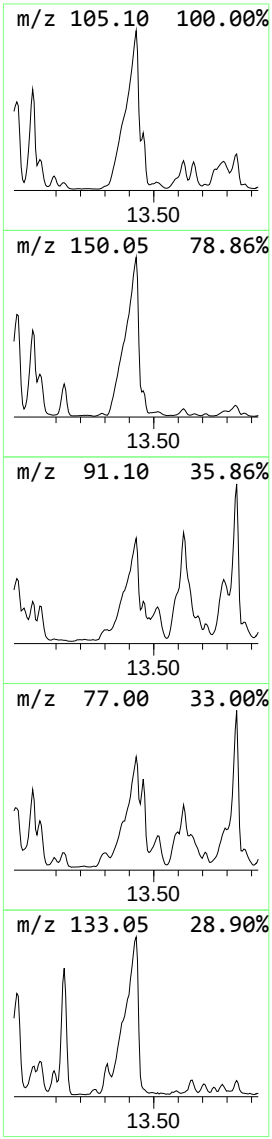
****

Peak Number 19 Benzoic acid, 3,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.428	41.38 ng	4046400	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	95
2	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	93
3	m-Tolylacetic acid	150	C9H10O2	000621-36-3	70
4	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-26-5	70
5	Benzeneacetic acid, .alpha.-meth...	150	C9H10O2	007782-24-3	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

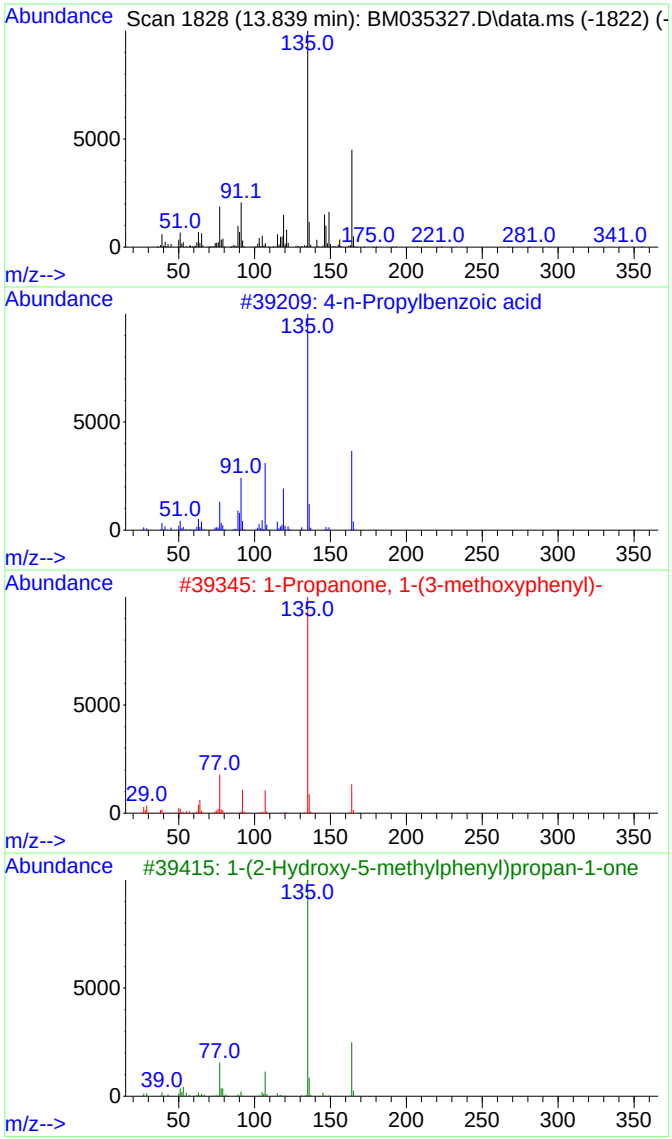
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

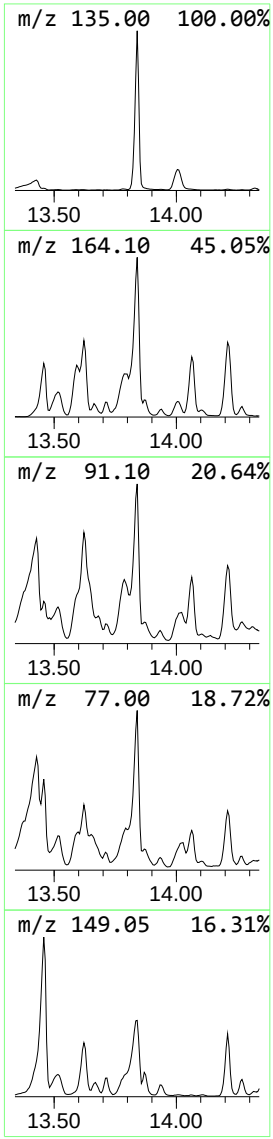
****

Peak Number 20 4-n-Propylbenzoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.839	44.00 ng	4302710	Acenaphthene-d10	14.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Propylbenzoic acid	164	C10H12O2	002438-05-3	83
2	1-Propanone, 1-(3-methoxyphenyl)-	164	C10H12O2	037951-49-8	70
3	1-(2-Hydroxy-5-methylphenyl)prop...	164	C10H12O2	000938-45-4	58
4	1-Propanone, 1-(4-methoxyphenyl)-	164	C10H12O2	000121-97-1	53
5	1,3-Benzodioxole, 5-propyl-	164	C10H12O2	000094-58-6	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053122\
Data File : BM035327.D
Acq On : 31 May 2022 16:00
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.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-met...	6.358	35.3	ng	1256430	1	7.869	711129	20.0
Benzene, propyl-	6.846	66.7	ng	2371380	1	7.869	711129	20.0
Benzene, 1-ethy...	6.957	46.5	ng	1652230	1	7.869	711129	20.0
Benzene, 1-ethy...	7.257	173.3	ng	6160350	1	7.869	711129	20.0
Mesitylene	7.528	642.0	ng	22828700	1	7.869	711129	20.0
Benzene, 1,2,3-...	7.987	220.4	ng	7837870	1	7.869	711129	20.0
Indane	8.246	321.0	ng	11414900	1	7.869	711129	20.0
Benzene, 1,2-di...	8.363	43.1	ng	1531580	1	7.869	711129	20.0
Indene	8.410	38.5	ng	1369660	1	7.869	711129	20.0
Benzene, 1-ethy...	8.510	62.7	ng	2229360	1	7.869	711129	20.0
Benzene, 2-ethy...	8.828	49.9	ng	1775180	1	7.869	711129	20.0
Benzene, 1-meth...	8.875	41.9	ng	1488800	1	7.869	711129	20.0
Benzene, 4-ethy...	8.981	155.1	ng	5513960	1	7.869	711129	20.0
3-Phenylbut-1-ene	10.075	73.5	ng	7162450	2	10.669	1949190	20.0
Benzoic acid, 2...	12.834	112.8	ng	11032200	3	14.504	1955650	20.0
Benzoic acid, 3...	13.428	41.4	ng	4046400	3	14.504	1955650	20.0
4-n-Propylbenzo...	13.839	44.0	ng	4302710	3	14.504	1955650	20.0