LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
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_G\Methods\8270-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053752.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.037	3	8	18	rVB	616666	1035651	13.00%	1.193%
2	3.836	139	144	152	rVB4	42446	95792	1.20%	0.110%
3	4.400	236	240	249	rVB2	44519	118504	1.49%	0.137%
4	5.093	350	358	368	rVB3	36935	101997	1.28%	0.118%
5	5.434	407	416	425	rBV	2510368	4333567	54.41%	4.993%
6	5.528	425	432	435	rVV	354299	617230	7.75%	0.711%
7	5.587	435	442	456	rVB	2064943	4033974	50.65%	4.648%
8	5.939	496	502	513	rVB	252367	454662	5.71%	0.524%
9	6.198	539	546	559	rVB3	63320	137138	1.72%	0.158%
10	6.421	578	584	594	rVB	287147	477748	6.00%	0.550%
11	6.679	622	628	639	rVB	50814	106541	1.34%	0.123%
12	6.914	661	668	675	rBV	597221	991695	12.45%	1.143%
13	7.026	682	687	692	rVB	326343	494798	6.21%	0.570%
14	7.085	692	697	704	rVV	572623	928405	11.66%	1.070%
15	7.161	704	710	723	rVB2	944880	1793698	22.52%	2.067%
16	7.331	732	739	747	rBV	1221875	2078069	26.09%	2.394%
17	7.602	776	785	793	rVB	4456484	7964520	100.00%	9.177%
18	7.948	838	844	848	rBV2	142059	263084	3.30%	0.303%
19	7.984	848	850	857	rVV3	60927	100997	1.27%	0.116%
20	8.066	857	864	872	rVB	1766879	2955845	37.11%	3.406%
21	8.224	885	891	898	rBV3	111722	187855	2.36%	0.216%
22	8.330	898	909	921	rVB	2178287	4044553	50.78%	4.660%
23	8.436	921	927	932	rBV	303710	517672	6.50%	0.596%
24	8.489	932	936	943	rVB2	279195	481841	6.05%	0.555%
25	8.589	943	953	959	rBV	480853	851697	10.69%	0.981%
26	8.641	959	962	970	rVB	80101	124301	1.56%	0.143%
27	8.753	974	981	991	rBV2	220791	458402	5.76%	0.528%
28	8.906	992	1007	1011	rBV	390119	674991	8.47%	0.778%
29	8.959	1011	1016	1026	rVV	282032	519135	6.52%	0.598%
30	9.059	1026	1033	1039	rVV	1057533	1958312	24.59%	2.256%
31	9.135	1039	1046	1058	rVB2	903757	2287097	28.72%	2.635%
32	9.299	1067	1074	1082	rVB9	37128	95704	1.20%	0.110%
33	9.393	1083	1090	1095	rBV2	184615	337264	4.23%	0.389%
34	9.587	1115	1123	1127	rBV	515003	874257	10.98%	1.007%
35	9.646	1127	1133	1139	rVB	549634	891826	11.20%	1.028%
36	9.752	1140	1151	1157	rVB4	93940	234277	2.94%	0.270%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
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_G\Methods\8270-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.852	1161	1168	1180	rVB4	68838	211942	2.66%	0.244%
38	9.951	1180	1185	1188	rBV3	105872	179527	2.25%	0.207%
39	10.004	1188	1194	1207	rVB	602512	1176482	14.77%	1.356%
40	10.157	1207	1220	1228	rBV2	1197921	2571445	32.29%	2.963%
41	10.222	1228	1231	1234	rVV3	92114	163356	2.05%	0.188%
42	10.263	1234	1238	1246	rVV2	102092	312034	3.92%	0.360%
43	10.339	1246	1251	1256	rVV	273254	538501	6.76%	0.620%
44	10.386	1256	1259	1266	rVV	128955	237968	2.99%	0.274%
45	10.457	1266	1271	1280	rVB3	92282	180808	2.27%	0.208%
46	10.680	1305	1309	1311	rVV4	64579	115758	1.45%	0.133%
47	10.744	1311	1320	1326	rVV2	253726	840978	10.56%	0.969%
48	10.815	1326	1332	1338	rVV	2024188	3910425	49.10%	4.506%
49	10.874	1338	1342	1345	rVV	148489	248098	3.12%	0.286%
50	10.927	1345	1351	1356	rVV3	268788	583623	7.33%	0.672%
51	11.132	1379	1386	1390	rBV5	36463	88901	1.12%	0.102%
52	11.179	1390	1394	1399	rVV3	54415	96904	1.22%	0.112%
53	11.326	1413	1419	1421	rBV2	72284	120705	1.52%	0.139%
54	11.379	1424	1428	1432	rBV2	93295	152135	1.91%	0.175%
55	11.538	1449	1455	1463	rBV2	38437	93004	1.17%	0.107%
56	11.620	1463	1469	1473	rVV4	48322	98606	1.24%	0.114%
57	11.673	1473	1478	1486	rVB	143927	261322	3.28%	0.301%
58	11.831	1493	1505	1508	rBV3	197050	695902	8.74%	0.802%
59	11.861	1508	1510	1521	rVB6	182466	410709	5.16%	0.473%
60	12.143	1553	1558	1567	rVB	150207	284348	3.57%	0.328%
61	12.313	1579	1587	1592	rVB4	58967	128332	1.61%	0.148%
62	12.366	1592	1596	1599	rBV3	82219	130440	1.64%	0.150%
63	12.419	1599	1605	1610	rVV	613870	982527	12.34%	1.132%
64	12.477	1610	1615	1620	rVB3	248488	468118	5.88%	0.539%
65	12.536	1620	1625	1630	rVB3	60261	90212	1.13%	0.104%
66	12.636	1633	1642	1649	rBV2	695962	1270034	15.95%	1.463%
67	12.730	1649	1658	1659	rBV4	118844	278216	3.49%	0.321%
68	12.748	1659	1661	1668	rVV2	114395	254696	3.20%	0.293%
69	12.824	1671	1674	1675	rVV2	144891	178447	2.24%	0.206%
70	12.953	1675	1696	1702	rVB2	966635	4155015	52.17%	4.787%
71	13.053	1708	1713	1719	rVV3	395413	727452	9.13%	0.838%
72	13.124	1719	1725	1735	rVV2	441338	1056495	13.27%	1.217%
73	13.212	1735	1740	1748	rVB	1359852	2174949	27.31%	2.506%
74	13.394	1765	1771	1779	rBV6	128873	324512	4.07%	0.374%
75	13.552	1779	1798	1805	rVV3	555937	2167233	27.21%	2.497%
76	13.629	1805	1811	1819	rVV8	120540	378151	4.75%	0.436%

LSC Area Percent Report

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Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.729	1819	1828	1832	rVV3	692594	1503335	18.88%	1.732%
78	13.770	1832	1835	1842	rVB2	273729	459315	5.77%	0.529%
79	13.905	1848	1858	1861	rBV2	280690	737895	9.26%	0.850%
80	13.946	1861	1865	1881	rVB2	757795	1615701	20.29%	1.862%
81	14.128	1890	1896	1899	rVV3	111403	227276	2.85%	0.262%
82	14.169	1899	1903	1909	rVB	240337	413512	5.19%	0.476%
83	14.316	1922	1928	1935	rBV	354473	594425	7.46%	0.685%
84	14.381	1935	1939	1942	rVV4	64517	106803	1.34%	0.123%
85	14.592	1968	1975	1980	rBV	329095	581499	7.30%	0.670%
86	14.645	1980	1984	1988	rVB3	106457	179471	2.25%	0.207%
87	14.798	2005	2010	2014	rBV3	98927	187845	2.36%	0.216%
88	14.915	2026	2030	2036	rVB5	59412	114012	1.43%	0.131%
89	15.162	2063	2072	2078	rBV	335335	746663	9.37%	0.860%
90	15.280	2087	2092	2098	rVB5	47154	110165	1.38%	0.127%
91	15.520	2129	2133	2139	rBV3	66694	154130	1.94%	0.178%
92	16.090	2223	2230	2238	rVB	1186533	1804746	22.66%	2.079%
93	17.341	2438	2443	2447	rBV	371682	515305	6.47%	0.594%
94	17.747	2505	2512	2521	rVB	111388	198765	2.50%	0.229%
95	18.234	2591	2595	2606	rBV	207860	326787	4.10%	0.377%
96	19.503	2807	2811	2816	rBV	162667	254829	3.20%	0.294%
97	19.950	2881	2887	2893	rVB	1958448	2565835	32.22%	2.956%
98	21.236	3101	3106	3111	rVB2	74976	112219	1.41%	0.129%
99	21.600	3162	3168	3177	rVB	425403	704020	8.84%	0.811%
100	24.778	3700	3709	3723	rVB2	200944	613879	7.71%	0.707%

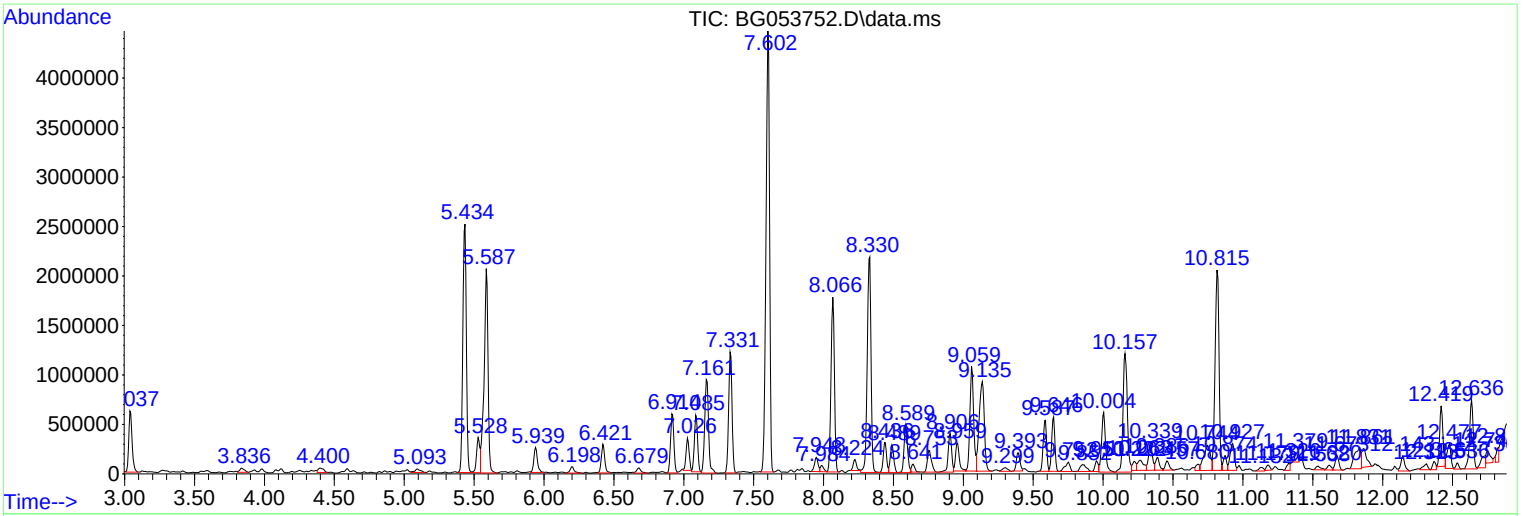
Sum of corrected areas: 86789841

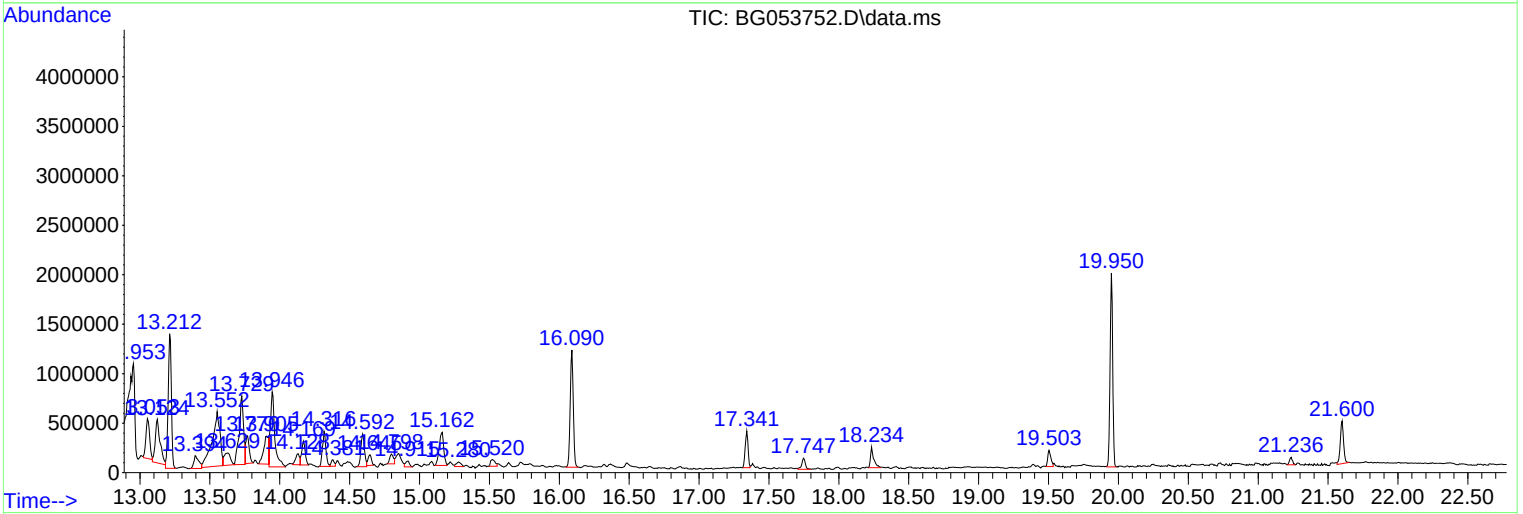
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

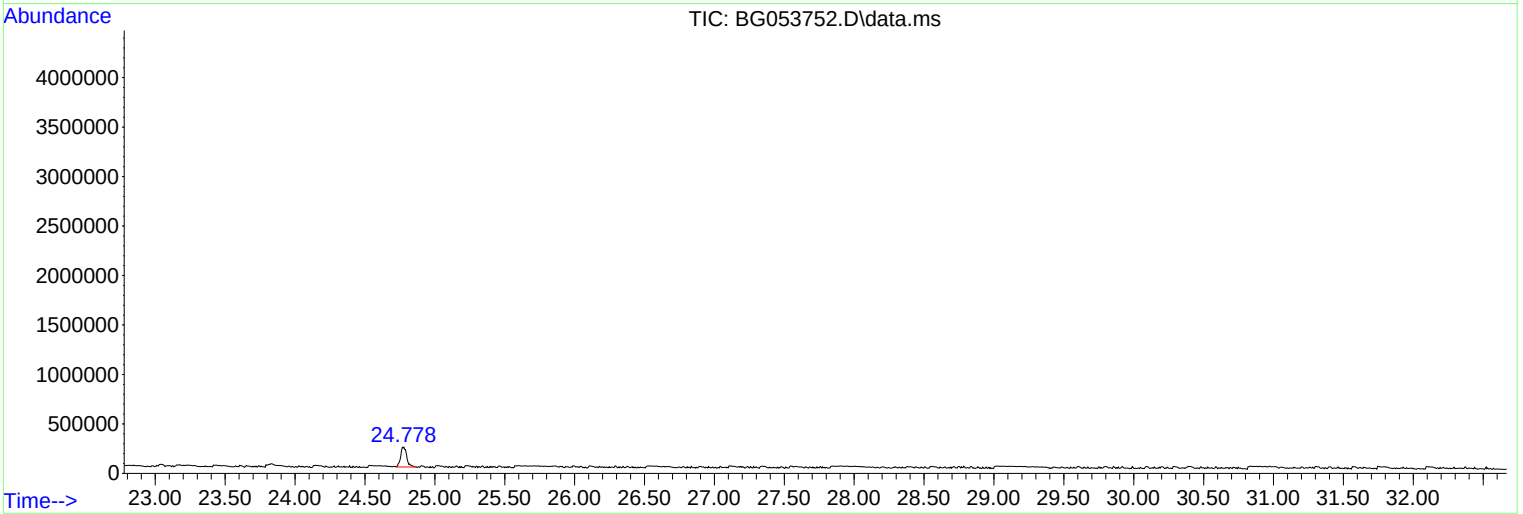
Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

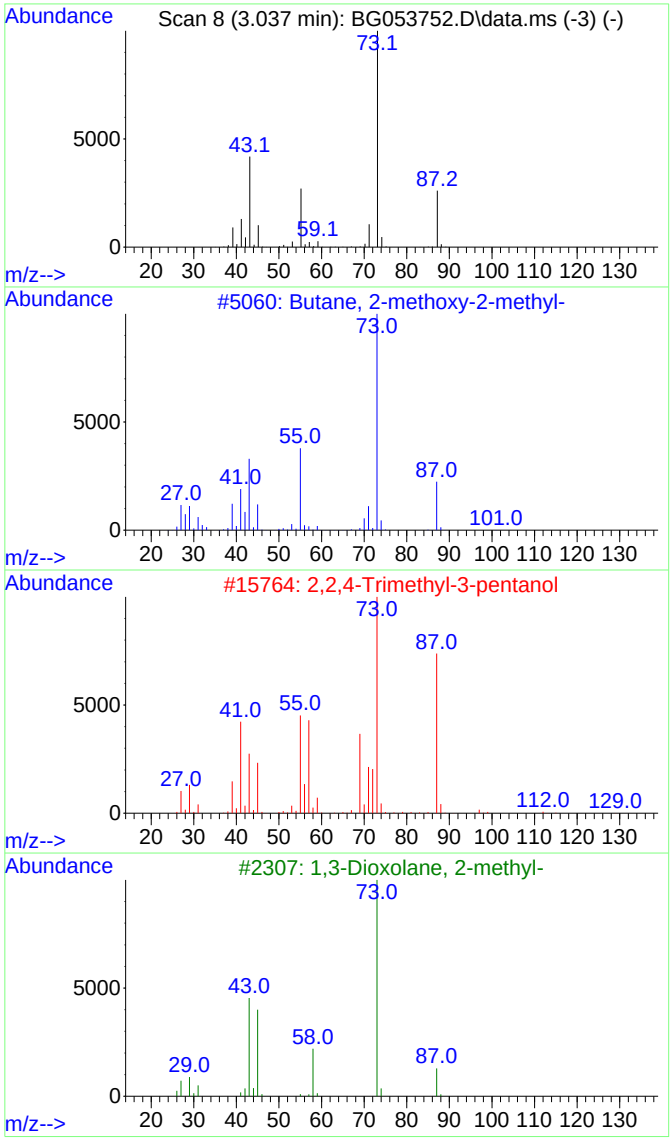
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

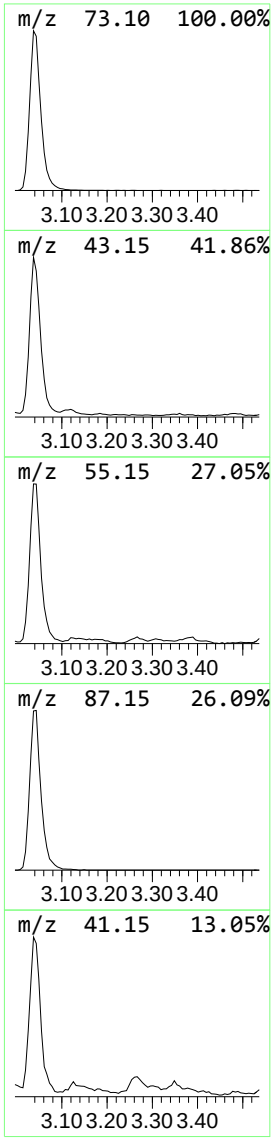
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.037	78.73 ng	1035650	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

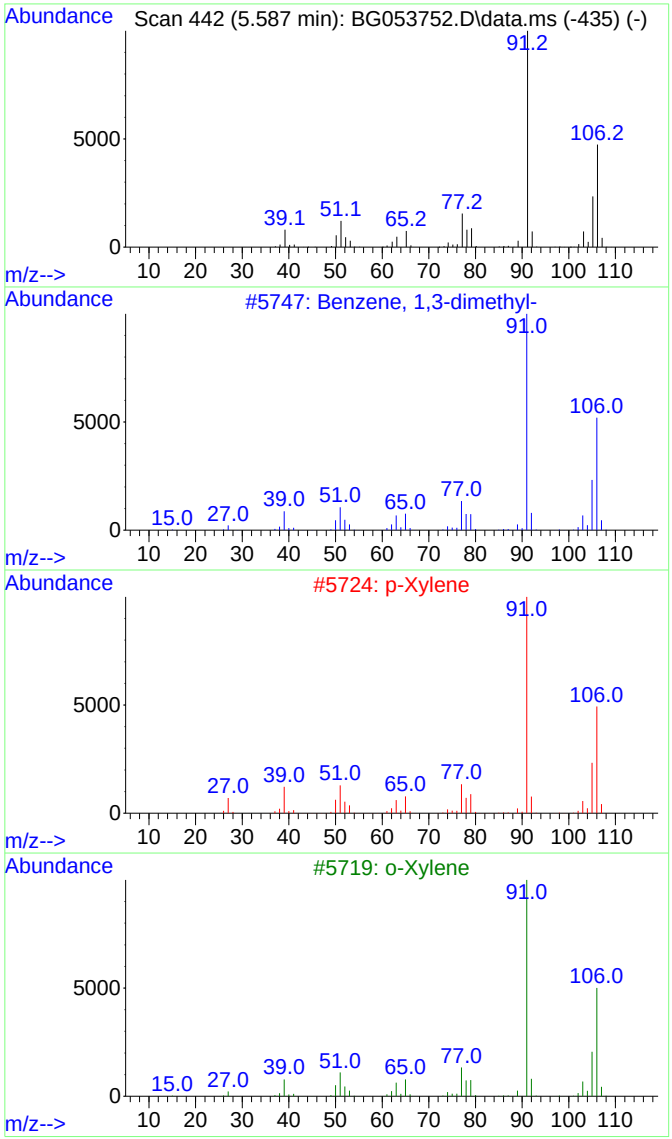
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

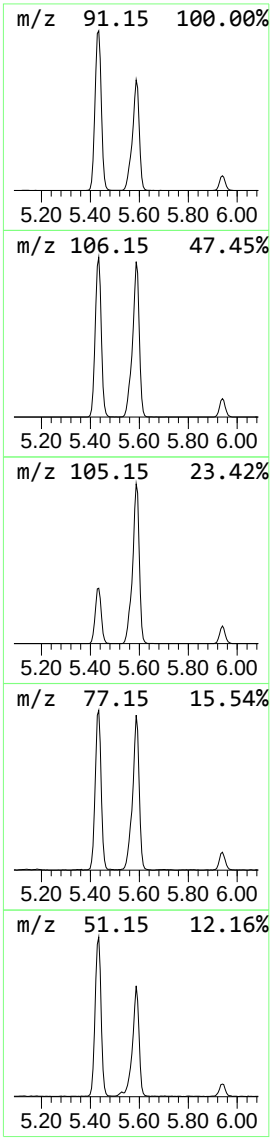
****

Peak Number 3 Benzene, 1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.587	306.67 ng	4033970	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Cyclopentene, 1-ethenyl-3-methyl...	106	C8H10	061142-07-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
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Acq On : 28 May 2022 15:51
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Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

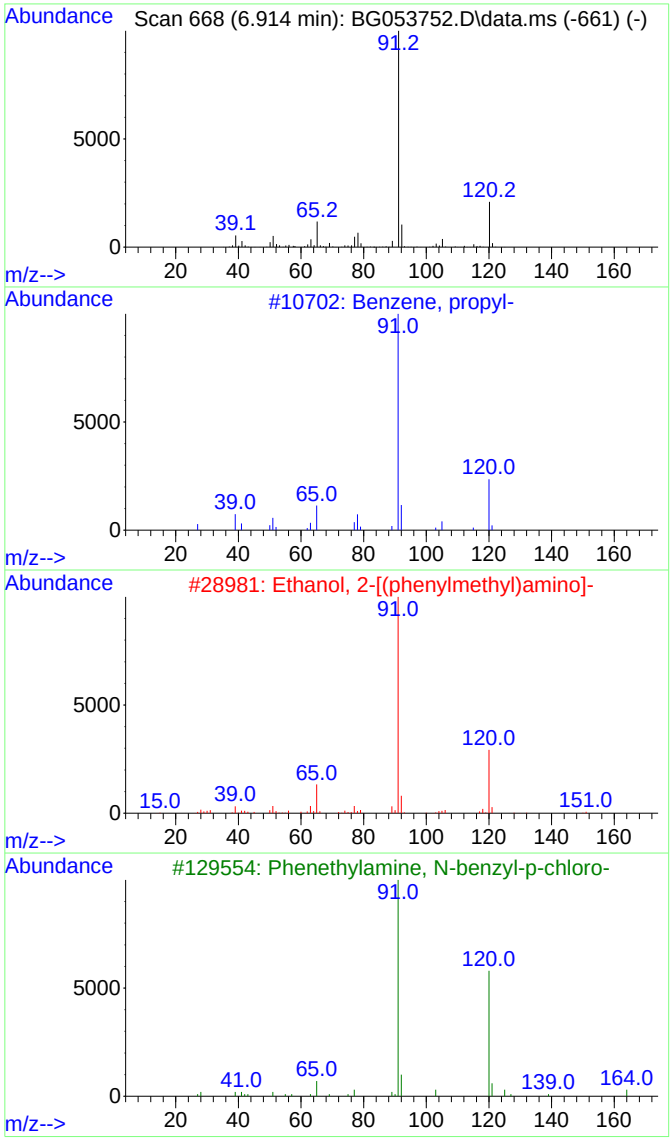
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

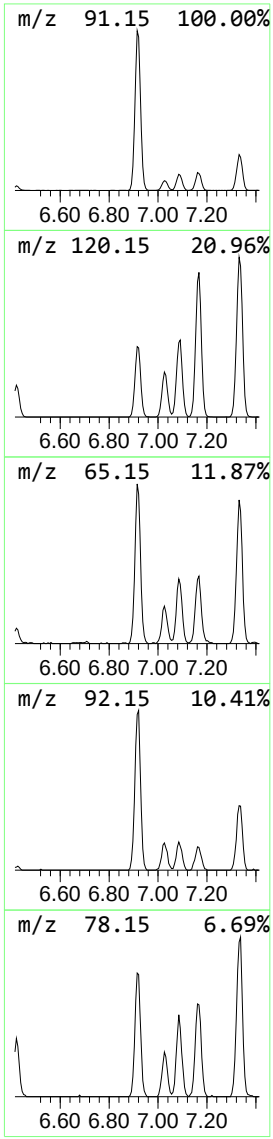
****

Peak Number 4 Benzene, propyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.914	75.39 ng	991695	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	72
4	1,2-Ethanediamine, N,N'-bis(phen...	240	C16H20N2	000140-28-3	64
5	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
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Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

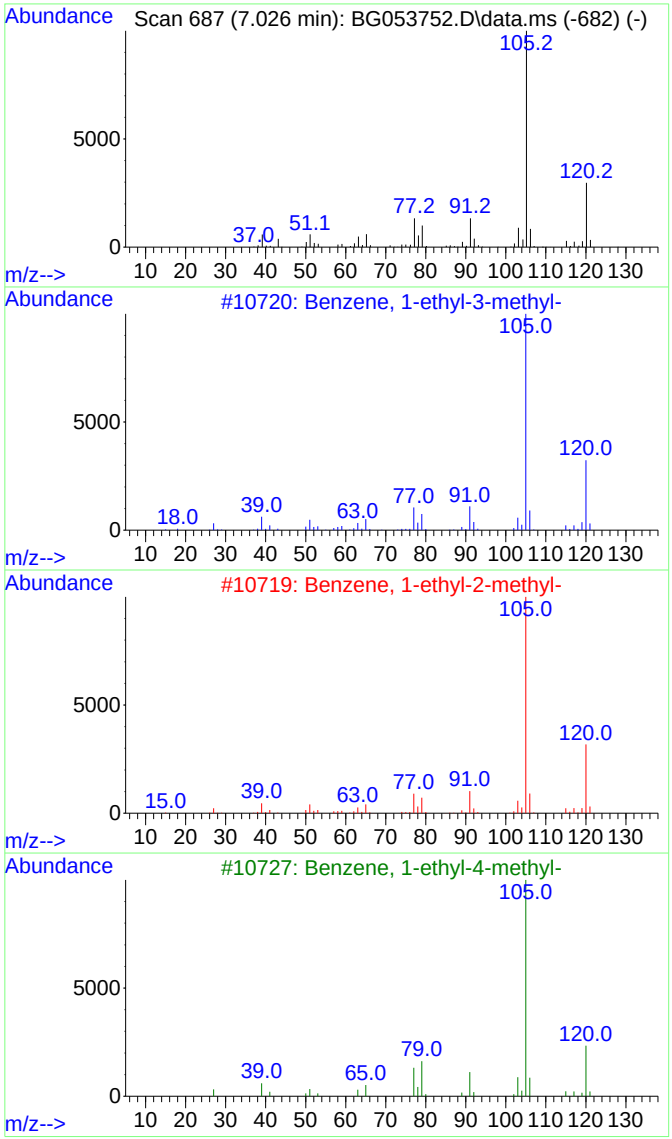
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

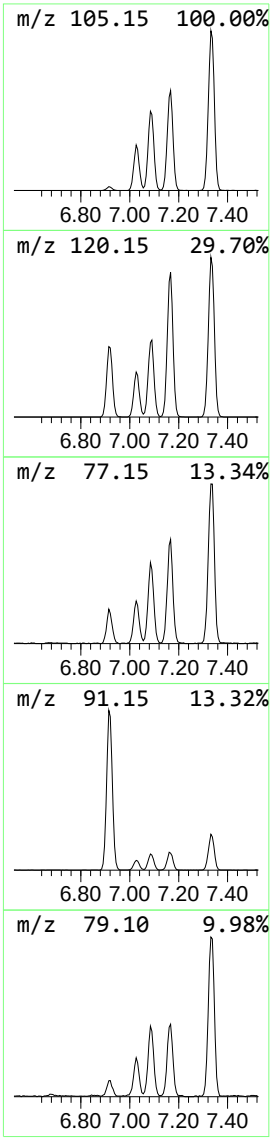
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.026	37.62 ng	494798	1,4-Dichlorobenzene-d4	7.948

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	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
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_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

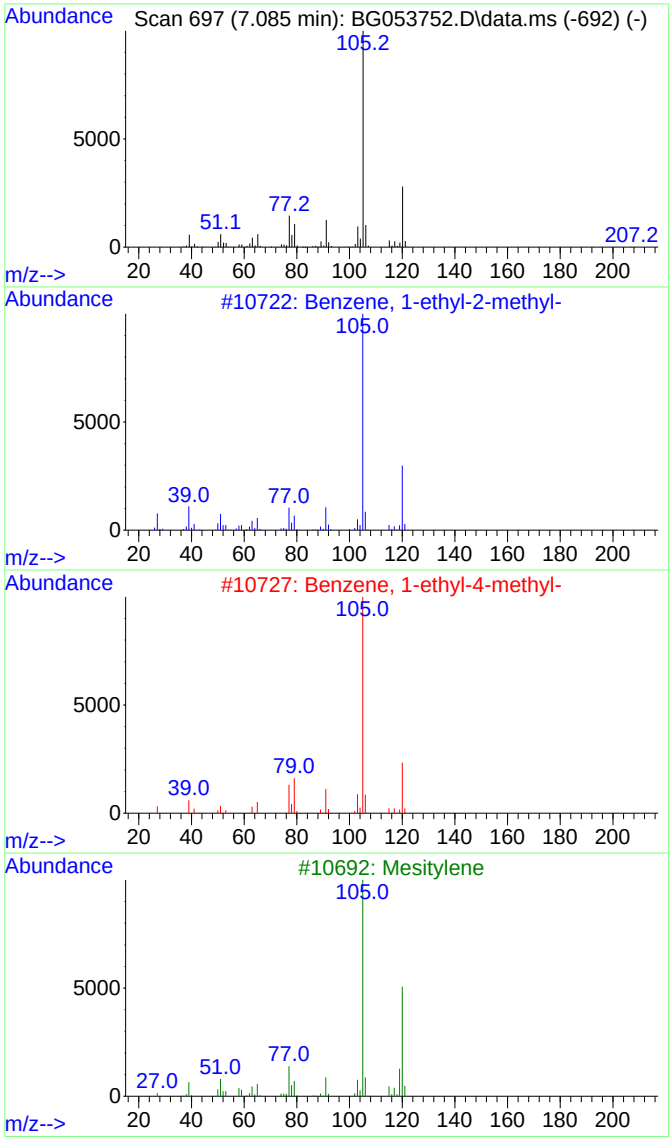
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

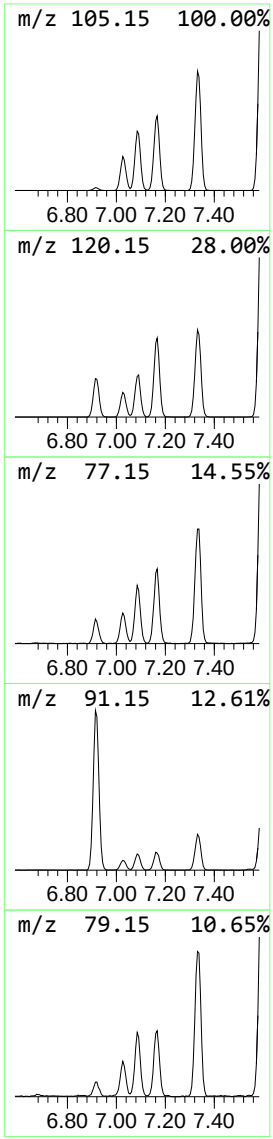
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.085	70.58 ng	928405	1,4-Dichlorobenzene-d4	7.948

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	93
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





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Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

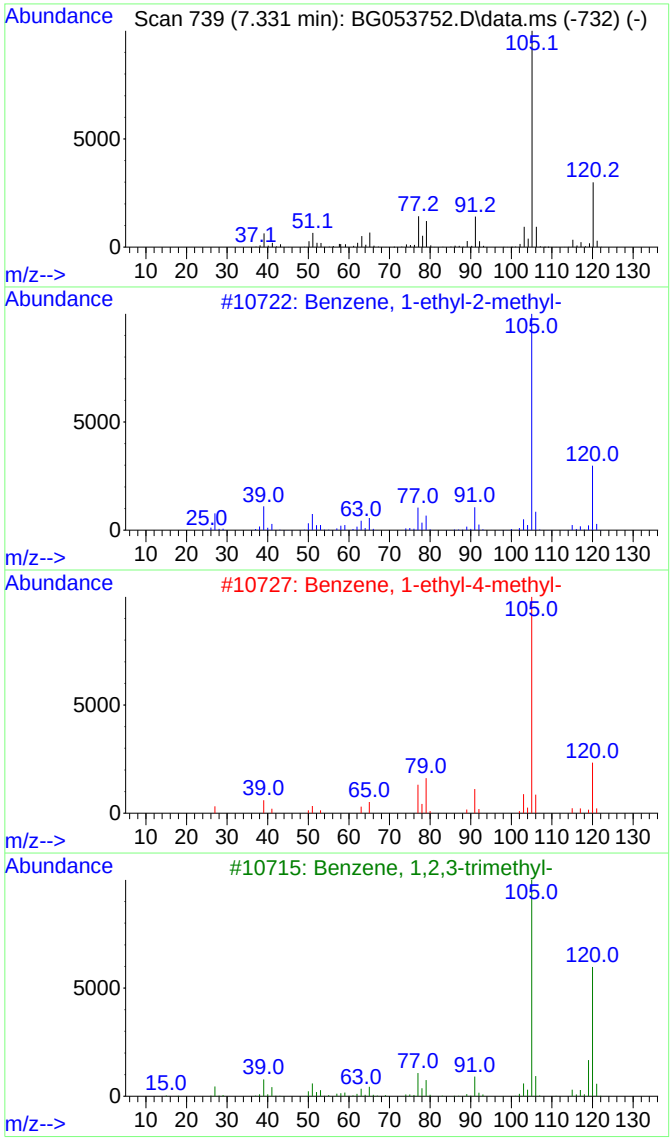
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

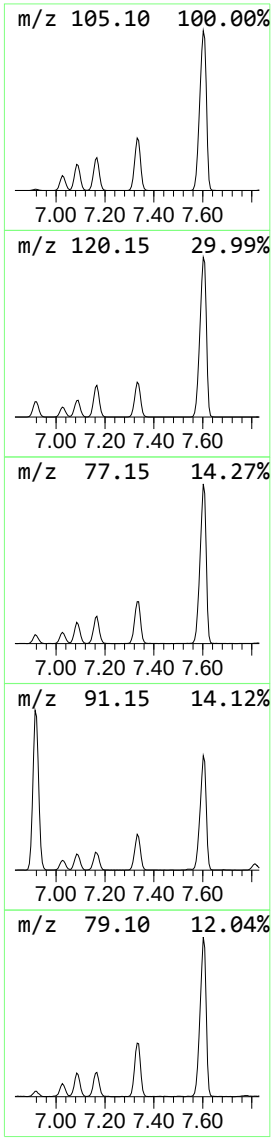
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.331	157.98 ng	2078070	1,4-Dichlorobenzene-d4	7.948

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	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

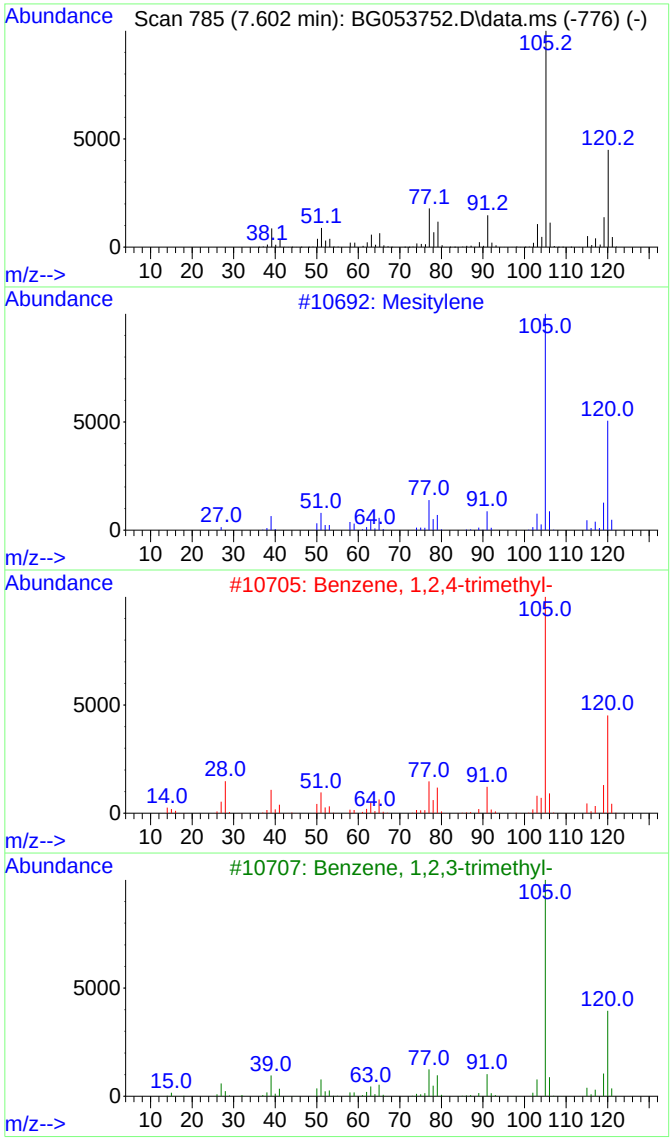
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

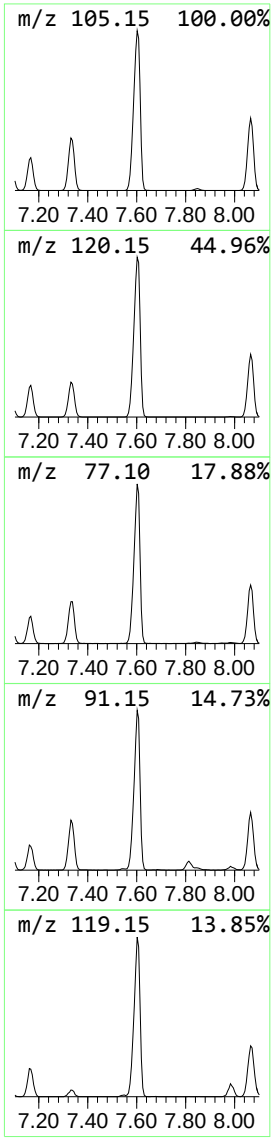
****

Peak Number 8 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.602	605.47 ng	7964520	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

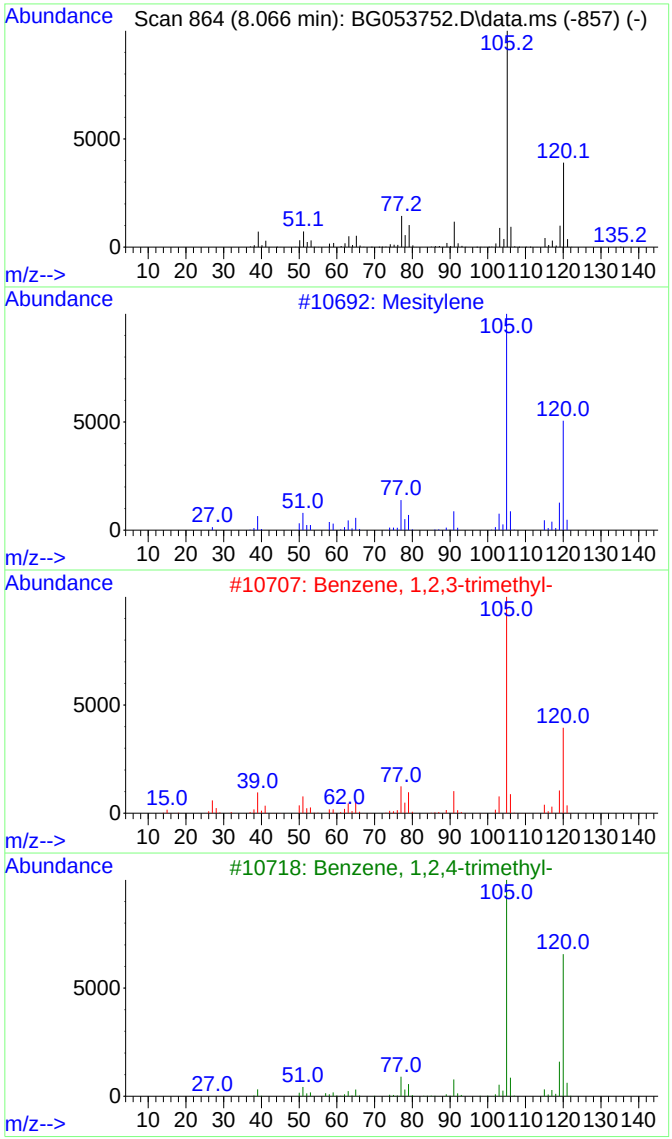
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

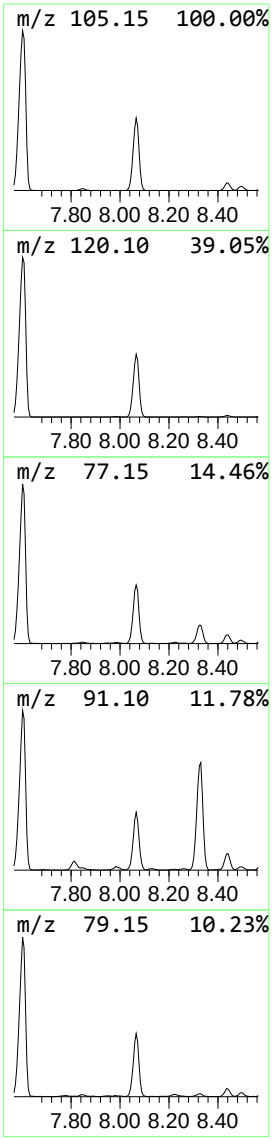
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.066	224.71 ng	2955850	1,4-Dichlorobenzene-d4	7.948

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-4-methyl-	120	C9H12	000622-96-8	90





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Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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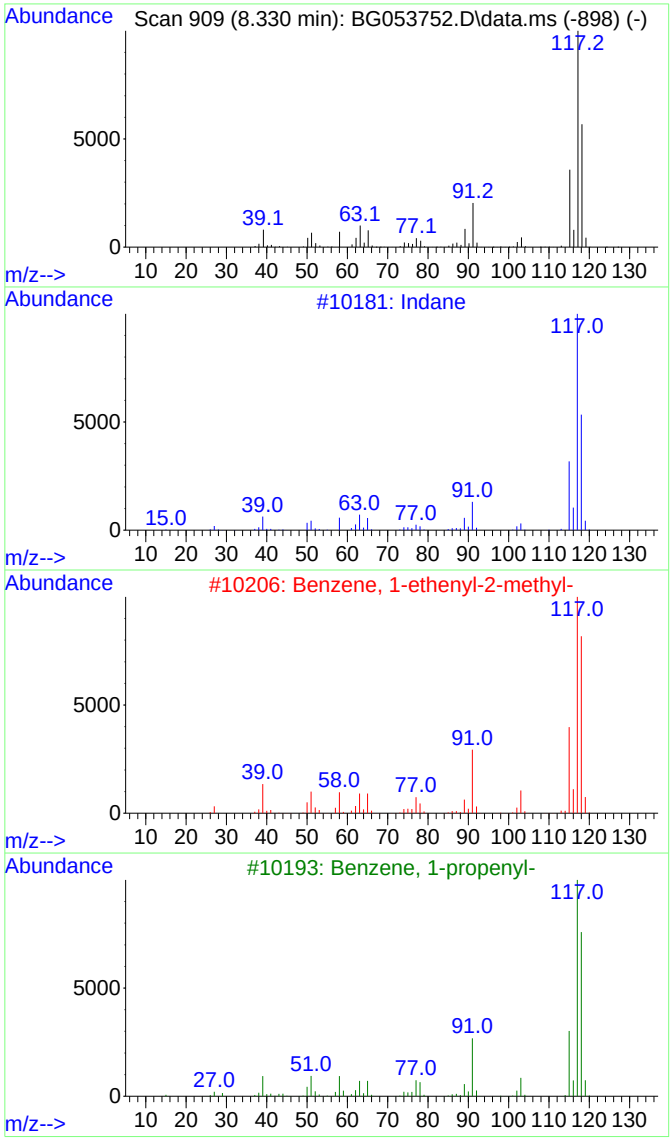
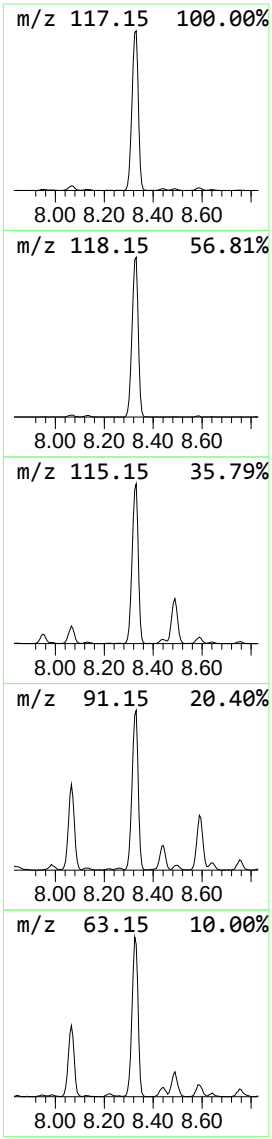
Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.330	307.47 ng	4044550	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	72
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	58
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55





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Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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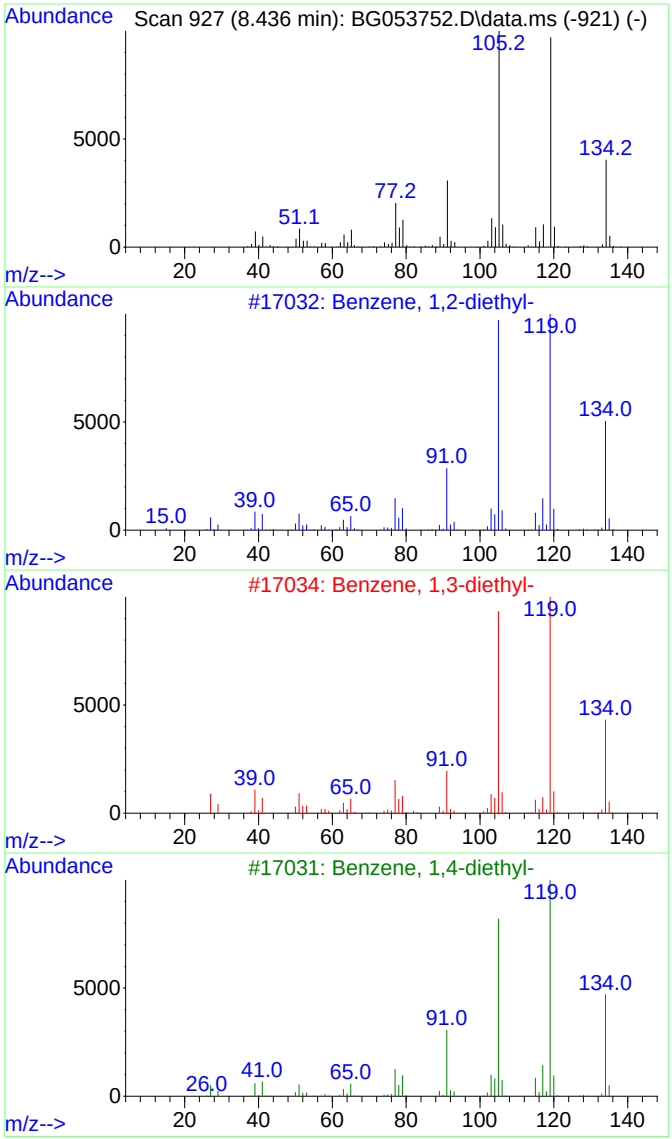
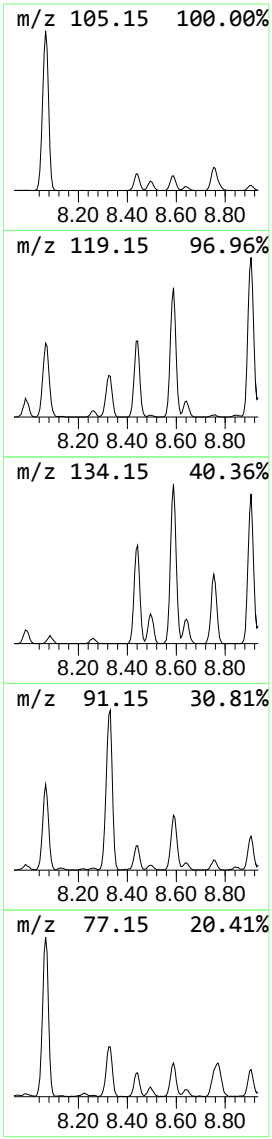
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.436	39.35 ng	517672	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





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Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

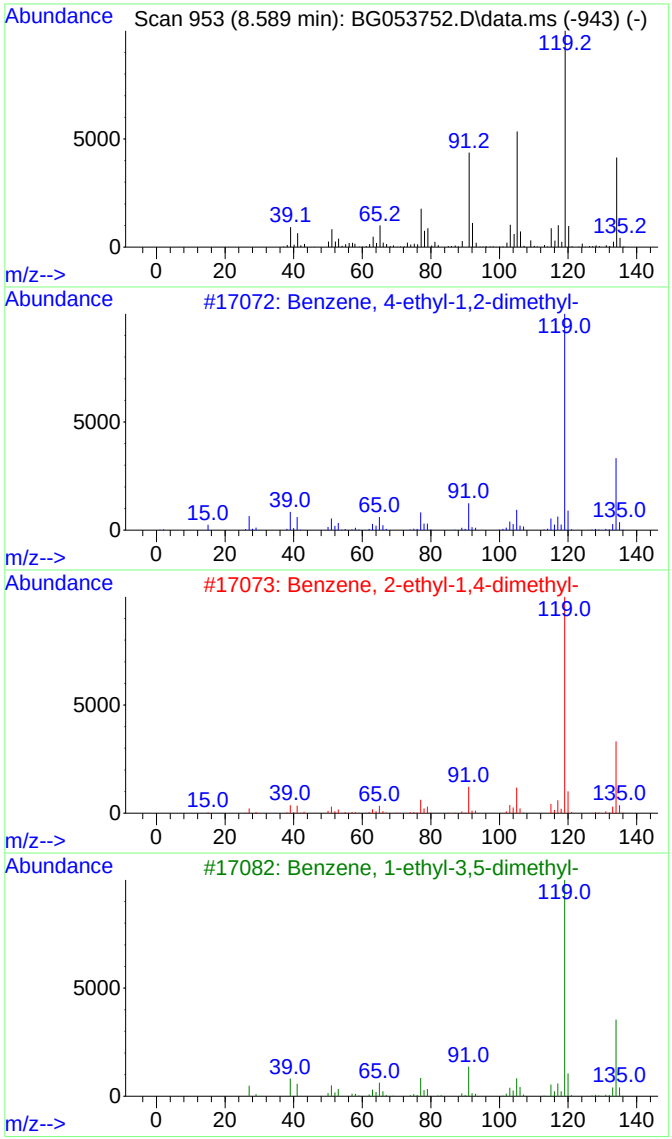
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

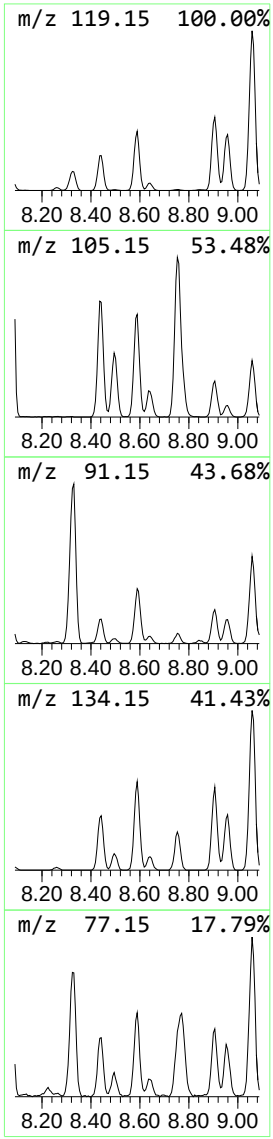
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.589	64.75 ng	851697	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

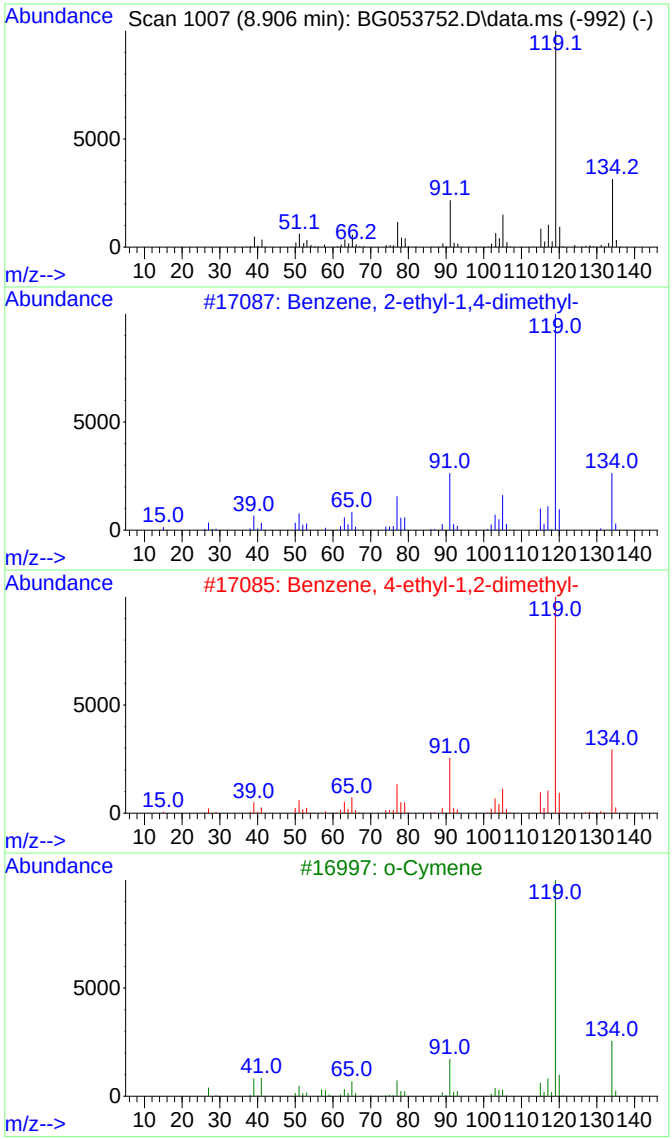
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

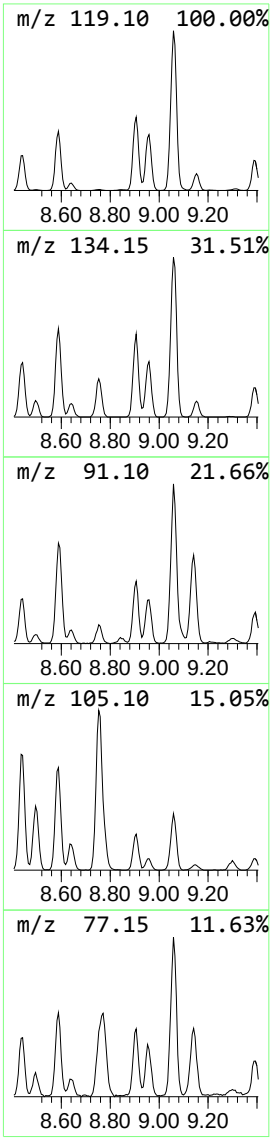
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.906	51.31 ng	674991	1,4-Dichlorobenzene-d4	7.948

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	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

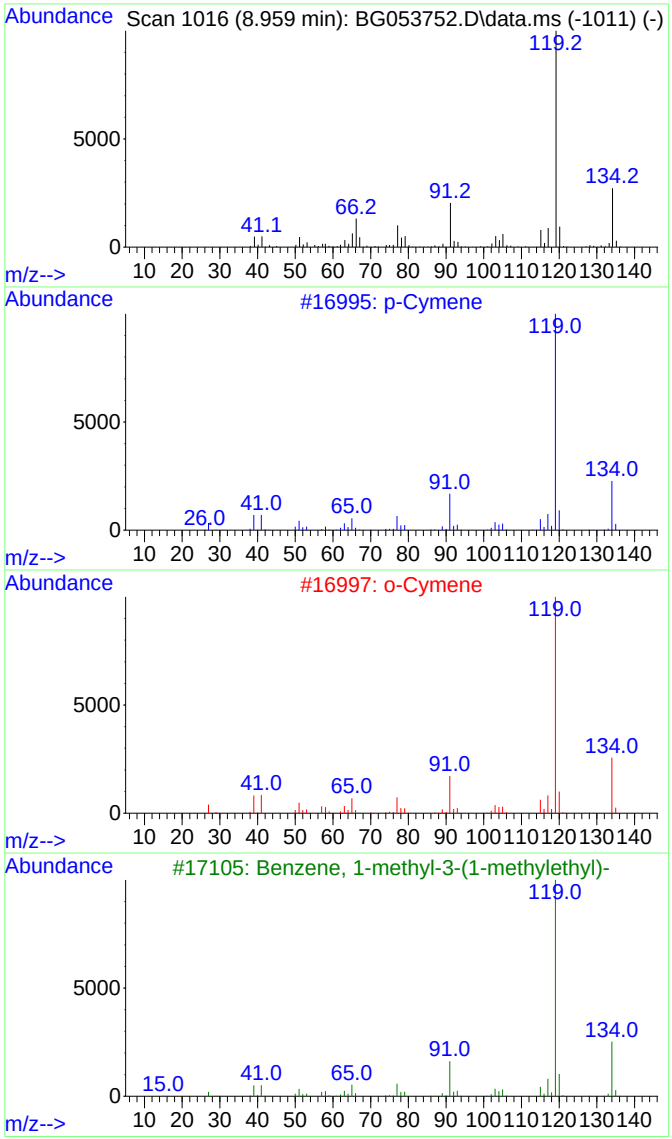
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

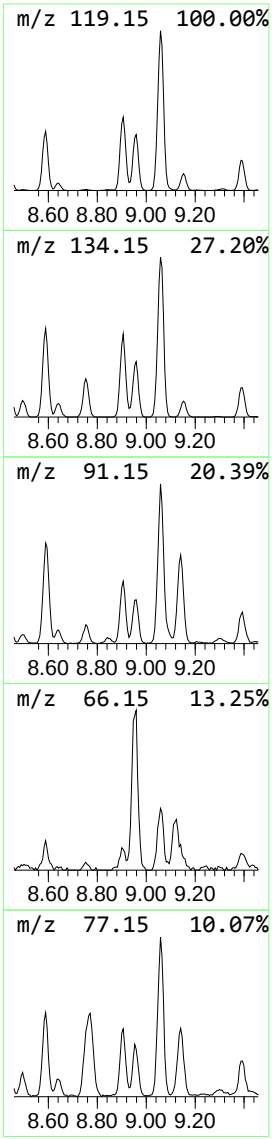
****

Peak Number 14 p-Cymene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.959	39.47 ng	519135	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





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Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

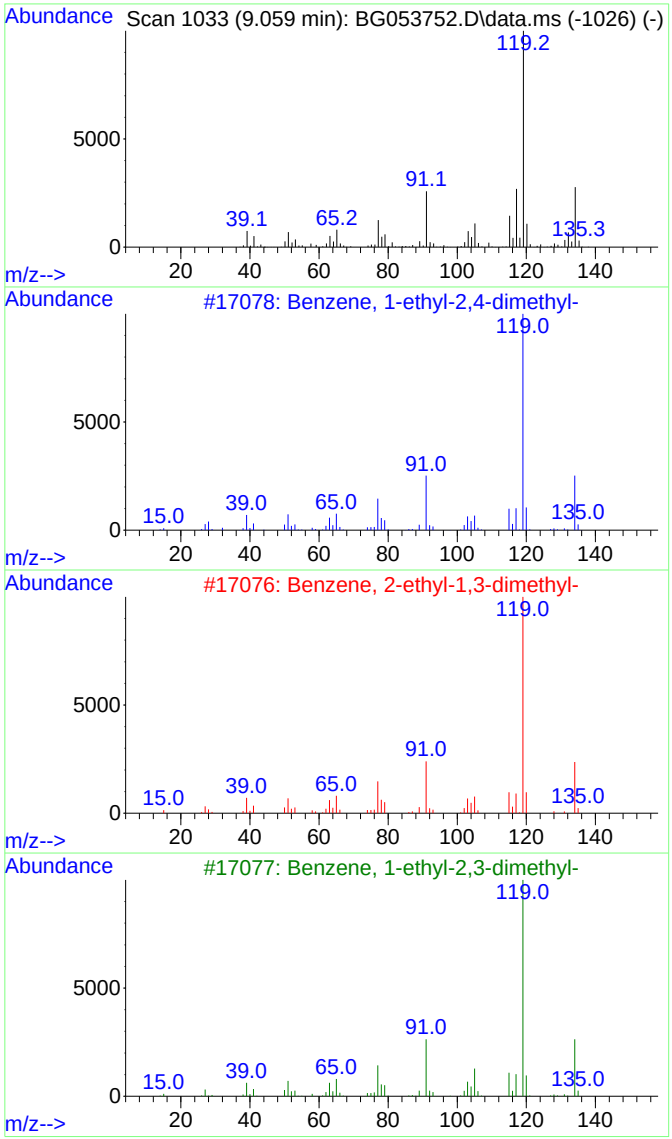
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

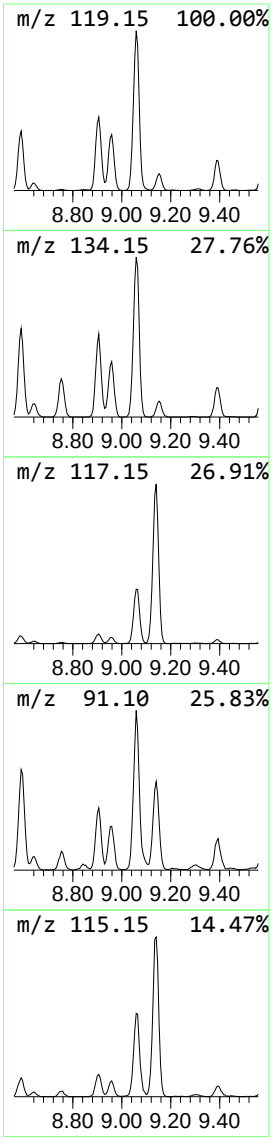
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.059	148.87 ng	1958310	1,4-Dichlorobenzene-d4	7.948

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_G
ClientSampleId :
MW-02

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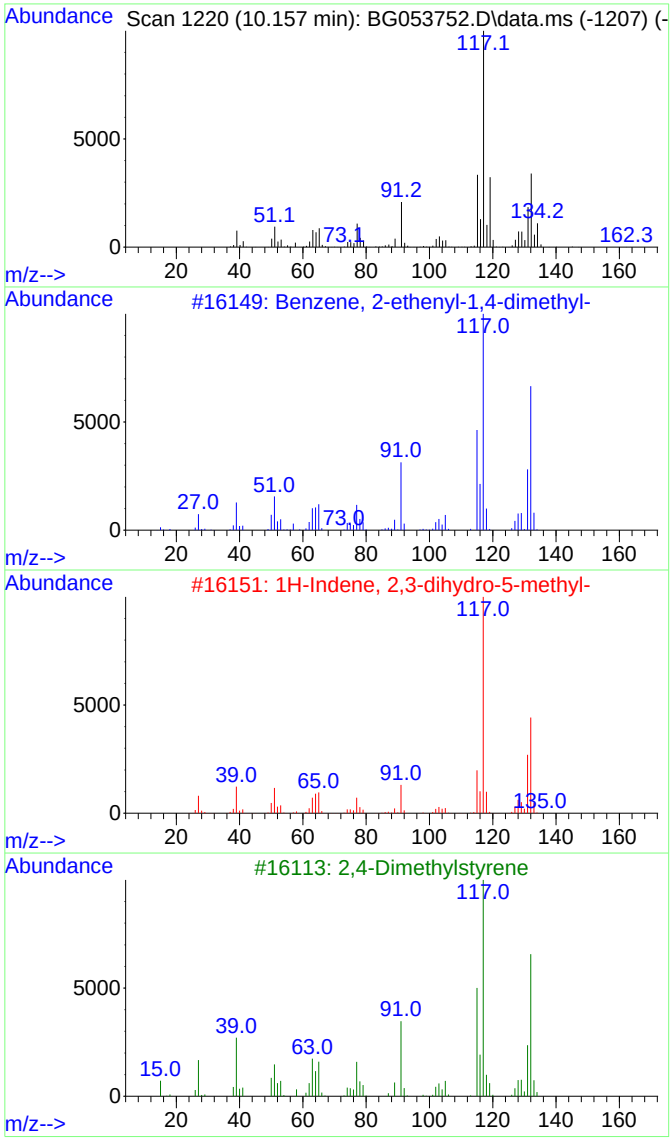
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

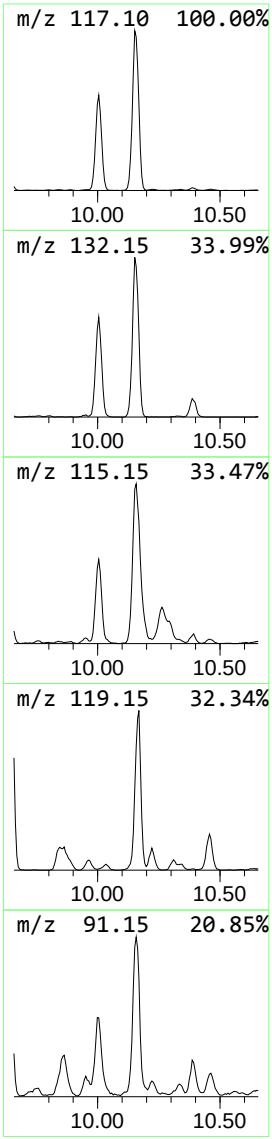
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.157	61.15 ng	2571450	Naphthalene-d8	10.762

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	91
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	81
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81





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Misc :
ALS Vial : 7 Sample Multiplier: 1

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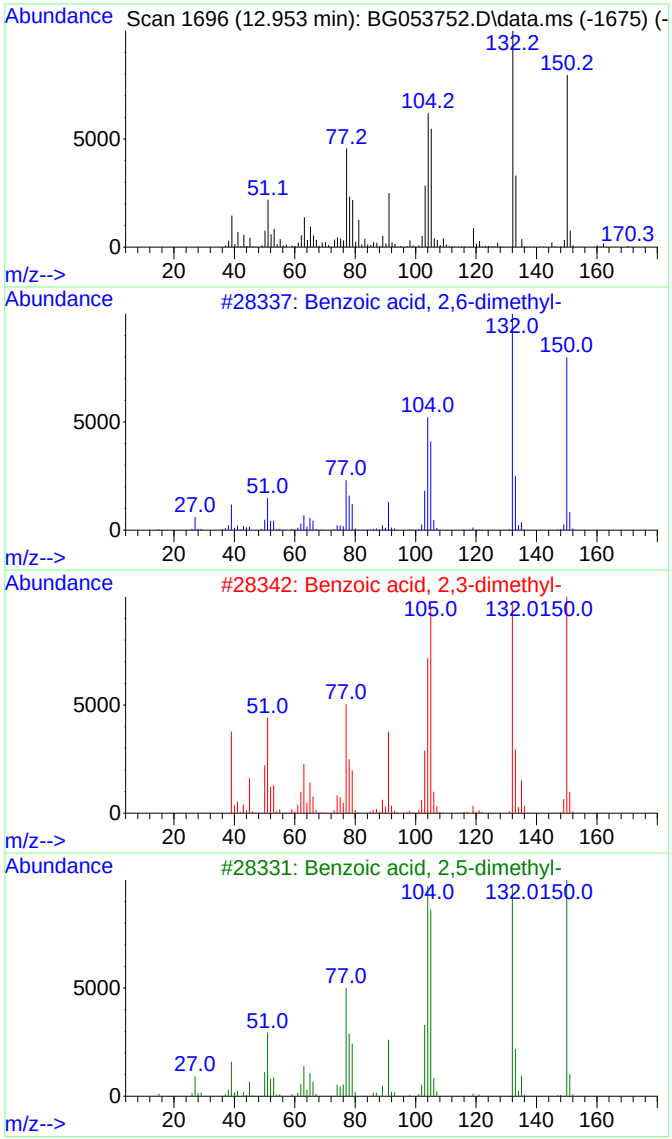
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

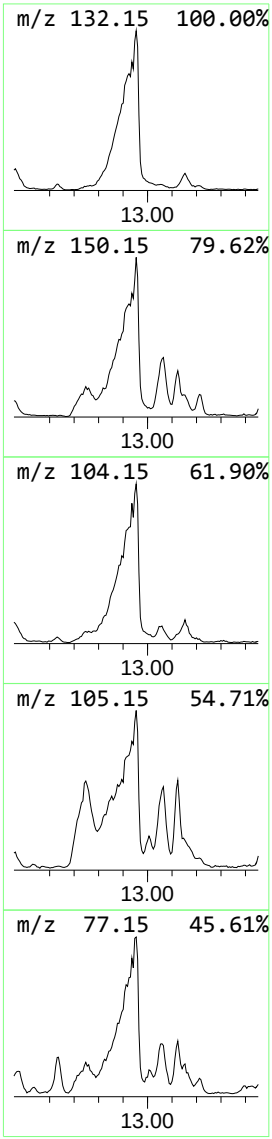
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzoic acid, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.953	142.91 ng	4155020	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,6-dimethyl-	150	C9H10O2	000632-46-2	94
2	Benzoic acid, 2,3-dimethyl-	150	C9H10O2	000603-79-2	91
3	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	91
4	Benzoic acid, 2,4-dimethyl-	150	C9H10O2	000611-01-8	62
5	o-Tolylacetic acid	150	C9H10O2	000644-36-0	53





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Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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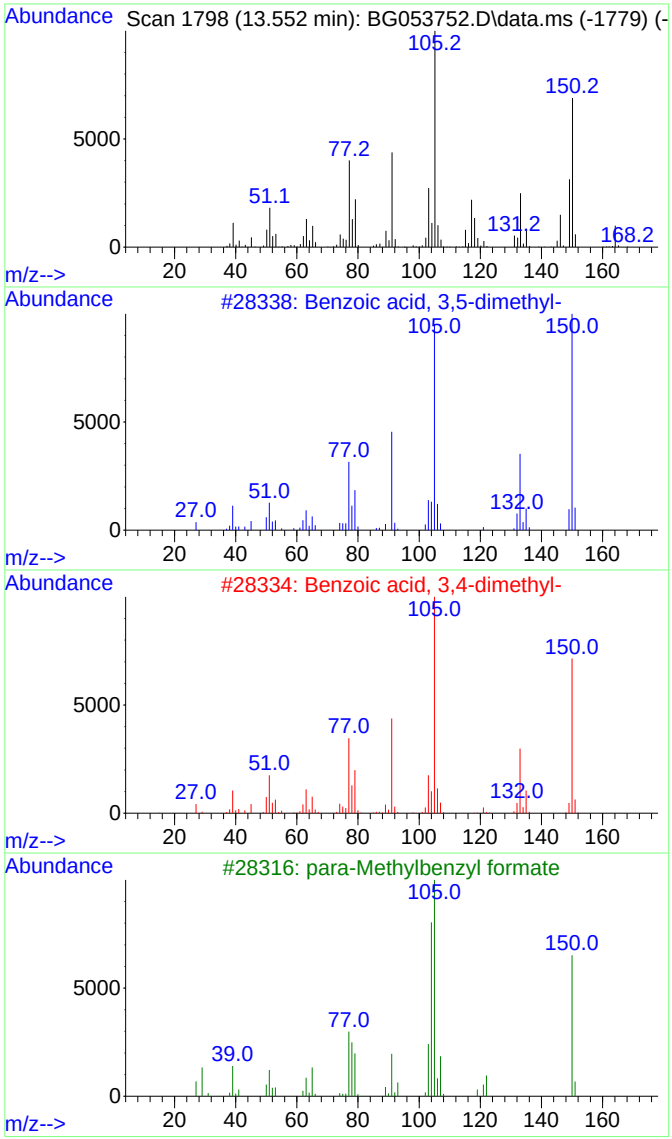
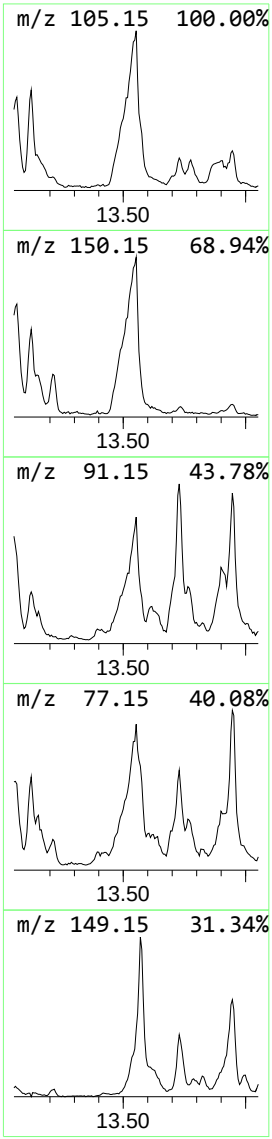
Peak Number 18 Benzoic acid, 3,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.553	74.54 ng	2167230	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3,5-dimethyl-	150	C9H10O2	000499-06-9	78
2	Benzoic acid, 3,4-dimethyl-	150	C9H10O2	000619-04-5	60
3	para-Methylbenzyl formate	150	C9H10O2	1000368-93-7	46
4	m-Tolylacetic acid	150	C9H10O2	000621-36-3	45
5	Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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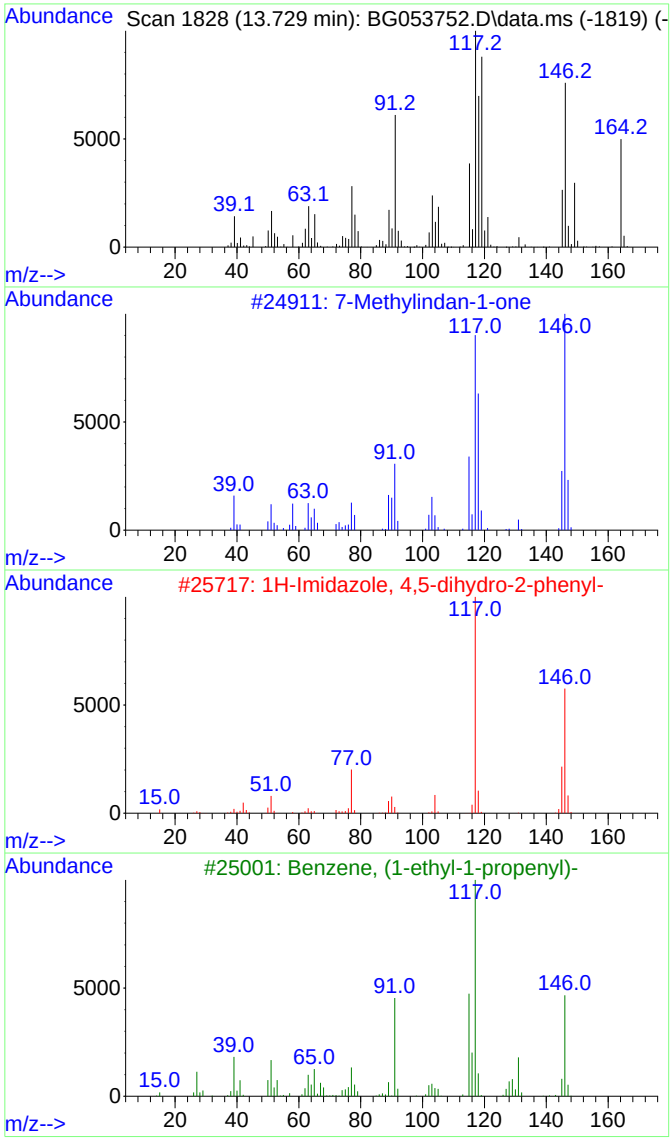
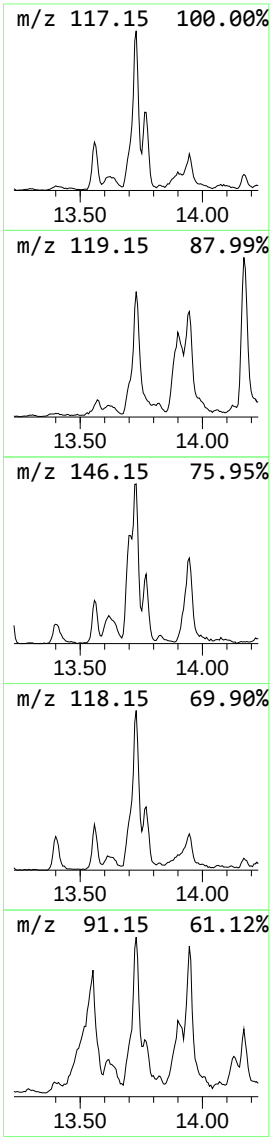
Peak Number 19 7-Methylindan-1-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.729	51.71 ng	1503340	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	53
2	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	46
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	45
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	38
5	Ethyl o-methylbenzoate	164	C10H12O2	000087-24-1	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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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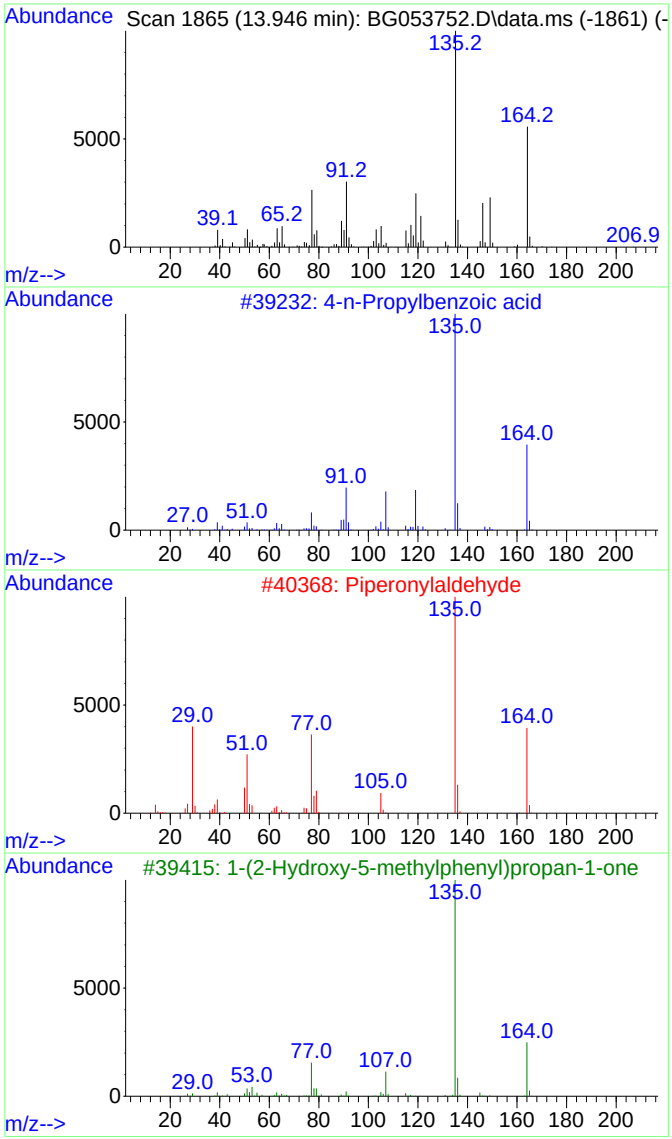
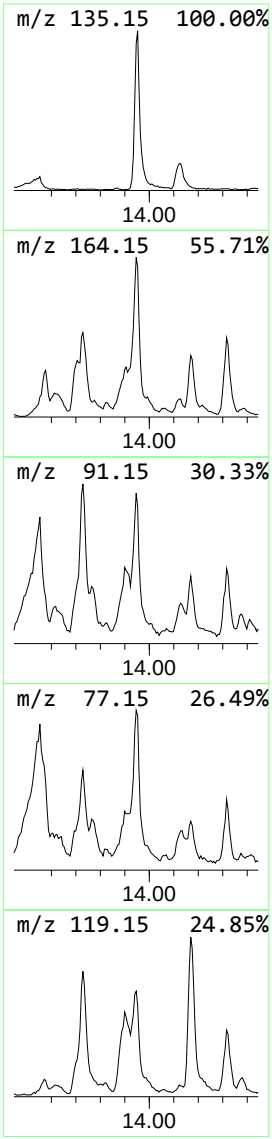
Peak Number 20 4-n-Propylbenzoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.946	55.57 ng	1615700	Acenaphthene-d10	14.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-n-Propylbenzoic acid	164	C10H12O2	002438-05-3	64
2	Piperonylaldehyde	164	C9H8O3	006543-34-6	60
3	1-(2-Hydroxy-5-methylphenyl)prop...	164	C10H12O2	000938-45-4	49
4	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	47
5	1,3-Benzodioxole, 5-propyl-	164	C10H12O2	000094-58-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052822\
Data File : BG053752.D
Acq On : 28 May 2022 15:51
Operator : CG/JU
Sample : N3056-09
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-02

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.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
Butane, 2-metho...	3.037	78.7	ng	1035650	1	7.948	263084	20.0
Benzene, 1,3-di...	5.587	306.7	ng	4033970	1	7.948	263084	20.0
Benzene, propyl-	6.914	75.4	ng	991695	1	7.948	263084	20.0
Benzene, 1-ethy...	7.026	37.6	ng	494798	1	7.948	263084	20.0
Benzene, 1-ethy...	7.085	70.6	ng	928405	1	7.948	263084	20.0
Benzene, 1-ethy...	7.331	158.0	ng	2078070	1	7.948	263084	20.0
Mesitylene	7.602	605.5	ng	7964520	1	7.948	263084	20.0
Benzene, 1,2,3-...	8.066	224.7	ng	2955850	1	7.948	263084	20.0
Indane	8.330	307.5	ng	4044550	1	7.948	263084	20.0
Benzene, 1,2-di...	8.436	39.4	ng	517672	1	7.948	263084	20.0
Benzene, 4-ethy...	8.589	64.8	ng	851697	1	7.948	263084	20.0
Benzene, 2-ethy...	8.906	51.3	ng	674991	1	7.948	263084	20.0
p-Cymene	8.959	39.5	ng	519135	1	7.948	263084	20.0
Benzene, 1-ethy...	9.059	148.9	ng	1958310	1	7.948	263084	20.0
Benzene, 2-ethe...	10.157	61.1	ng	2571450	2	10.762	840978	20.0
Benzoic acid, 2...	12.953	142.9	ng	4155020	3	14.592	581499	20.0
Benzoic acid, 3...	13.553	74.5	ng	2167230	3	14.592	581499	20.0
7-Methylindan-1...	13.729	51.7	ng	1503340	3	14.592	581499	20.0
4-n-Propylbenzo...	13.946	55.6	ng	1615700	3	14.592	581499	20.0