LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.140	5	9	19	rVB	364775	554151	6.58%	0.653%
2	3.358	41	46	57	rBV9	37827	119272	1.42%	0.141%
3	3.922	137	142	147	rBV8	46093	91754	1.09%	0.108%
4	4.186	183	187	191	rVB3	60623	92926	1.10%	0.110%
5	5.467	397	405	411	rBV	1637202	2627099	31.20%	3.096%
6	5.526	411	415	421	rVV	398725	627301	7.45%	0.739%
7	5.620	421	431	445	rVB	2590394	5521003	65.57%	6.507%
8	5.966	485	490	494	rBV2	75398	124520	1.48%	0.147%
9	6.448	564	572	583	rBV2	164860	304306	3.61%	0.359%
10	6.936	649	655	665	rBV	192315	337987	4.01%	0.398%
11	7.042	665	673	678	rVV	615015	1001535	11.90%	1.180%
12	7.106	678	684	690	rVV2	1132951	1910710	22.69%	2.252%
13	7.177	690	696	707	rVB	1243986	2048099	24.33%	2.414%
14	7.347	717	725	738	rBV	1272517	2073556	24.63%	2.444%
15	7.606	757	769	780	rBV	4484156	7461781	88.63%	8.794%
16	7.958	823	829	833	rBV	208132	385269	4.58%	0.454%
17	7.999	833	836	841	rVB4	62051	89756	1.07%	0.106%
18	8.070	841	848	855	rBV	1615202	2754754	32.72%	3.247%
19	8.229	870	875	879	rBV2	49331	85931	1.02%	0.101%
20	8.334	885	893	901	rVB	2210096	3677121	43.67%	4.334%
21	8.446	905	912	917	rBV	414434	660278	7.84%	0.778%
22	8.499	917	921	928	rVB2	191380	334298	3.97%	0.394%
23	8.593	931	937	943	rBV	621984	1024358	12.17%	1.207%
24	8.646	943	946	952	rVB2	93700	153078	1.82%	0.180%
25	8.757	960	965	976	rVB	264470	451777	5.37%	0.532%
26	8.910	985	991	995	rBV2	448408	708580	8.42%	0.835%
27	8.963	995	1000	1010	rVB	425843	699436	8.31%	0.824%
28	9.063	1010	1017	1022	rBV	1293615	2163921	25.70%	2.550%
29	9.122	1022	1027	1028	rVV	766591	1181759	14.04%	1.393%
30	9.145	1028	1031	1038	rVB3	844387	1422100	16.89%	1.676%
31	9.310	1049	1059	1066	rBV9	42139	105852	1.26%	0.125%
32	9.398	1066	1074	1081	rBV2	216820	428880	5.09%	0.505%
33	9.586	1100	1106	1111	rBV	671492	1087112	12.91%	1.281%
34	9.645	1111	1116	1124	rVB	863058	1342731	15.95%	1.582%
35	9.956	1163	1169	1172	rBV4	96999	180960	2.15%	0.213%
36	10.009	1172	1178	1191	rVB	663736	1219060	14.48%	1.437%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-2

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.156	1196	1203	1212	rBV2	1465679	2886903	34.29%	3.402%
38	10.232	1212	1216	1218	rBV2	58233	86410	1.03%	0.102%
39	10.344	1231	1235	1239	rVB4	75262	122088	1.45%	0.144%
40	10.391	1239	1243	1249	rVV	123534	202511	2.41%	0.239%
41	10.461	1249	1255	1260	rVB2	85290	148346	1.76%	0.175%
42	10.637	1277	1285	1288	rBV8	48296	118870	1.41%	0.140%
43	10.679	1288	1292	1295	rVV4	84528	157778	1.87%	0.186%
44	10.755	1295	1305	1309	rVV2	387978	1195363	14.20%	1.409%
45	10.814	1309	1315	1321	rVV	2387919	4389660	52.14%	5.173%
46	10.872	1321	1325	1330	rVV	199300	337031	4.00%	0.397%
47	10.931	1330	1335	1339	rVV2	147454	255493	3.03%	0.301%
48	10.972	1339	1342	1347	rVB	75752	106276	1.26%	0.125%
49	11.366	1401	1409	1413	rBV10	52124	131907	1.57%	0.155%
50	11.419	1413	1418	1423	rVV2	106154	171716	2.04%	0.202%
51	11.672	1455	1461	1467	rVV	151945	265182	3.15%	0.313%
52	11.865	1486	1494	1500	rBV4	174853	349974	4.16%	0.412%
53	11.948	1504	1508	1518	rVB7	72552	173706	2.06%	0.205%
54	12.142	1535	1541	1550	rVB3	175868	350309	4.16%	0.413%
55	12.253	1552	1560	1565	rBV9	85872	188251	2.24%	0.222%
56	12.312	1565	1570	1576	rVB3	67750	109241	1.30%	0.129%
57	12.418	1576	1588	1594	rBV	827226	1370954	16.28%	1.616%
58	12.635	1616	1625	1635	rBV	626516	1175404	13.96%	1.385%
59	12.723	1635	1640	1646	rVB4	91553	168281	2.00%	0.198%
60	12.941	1668	1677	1681	rBV7	41944	104734	1.24%	0.123%
61	12.988	1681	1685	1690	rVV4	83079	144765	1.72%	0.171%
62	13.046	1690	1695	1703	rVB2	87678	166814	1.98%	0.197%
63	13.217	1717	1724	1730	rVB	2551544	3822505	45.40%	4.505%
64	13.328	1733	1743	1748	rBV2	92018	194503	2.31%	0.229%
65	13.710	1803	1808	1812	rBV5	63800	128649	1.53%	0.152%
66	13.757	1812	1816	1821	rVV4	97928	216607	2.57%	0.255%
67	13.916	1836	1843	1848	rBV3	60367	142978	1.70%	0.169%
68	13.963	1848	1851	1858	rVB5	50759	91846	1.09%	0.108%
69	14.204	1887	1892	1896	rBV2	104114	154970	1.84%	0.183%
70	14.592	1948	1958	1967	rBV	605074	999727	11.87%	1.178%
71	14.756	1981	1986	1994	rVB5	95561	185001	2.20%	0.218%
72	14.997	2018	2027	2031	rVB7	44486	107188	1.27%	0.126%
73	15.062	2032	2038	2044	rBV3	136621	209540	2.49%	0.247%
74	16.078	2202	2211	2221	rBV	2647641	4058822	48.21%	4.783%
75	17.077	2377	2381	2387	rBV2	52997	95907	1.14%	0.113%
76	17.341	2419	2426	2431	rBV	919307	1402864	16.66%	1.653%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

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-BG121323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.741	2489	2494	2499	rVB	120943	190669	2.26%	0.225%
78	18.229	2572	2577	2587	rBV4	226813	352522	4.19%	0.415%
79	19.504	2789	2794	2799	rBV3	130992	168483	2.00%	0.199%
80	19.962	2866	2872	2878	rBV	6560130	8419475	100.00%	9.923%
81	21.260	3089	3093	3102	rVB5	73854	116965	1.39%	0.138%
82	21.607	3145	3152	3160	rVB	1205983	1901638	22.59%	2.241%
83	24.791	3684	3694	3706	rBV	730206	1959513	23.27%	2.309%

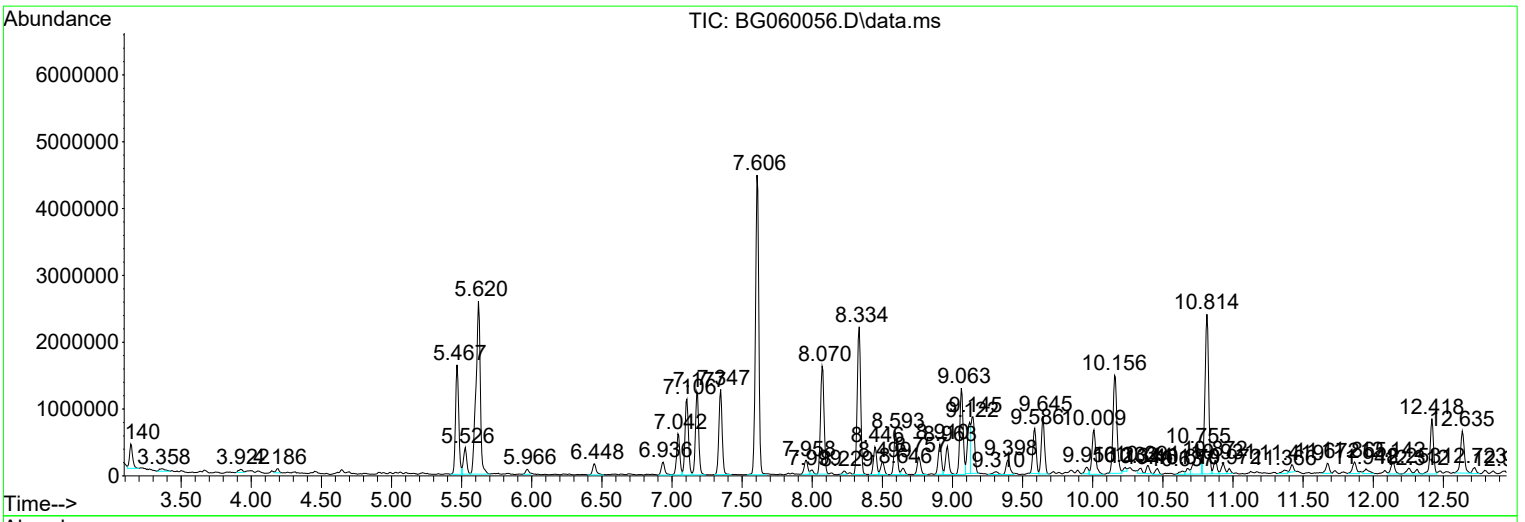
Sum of corrected areas: 84851350

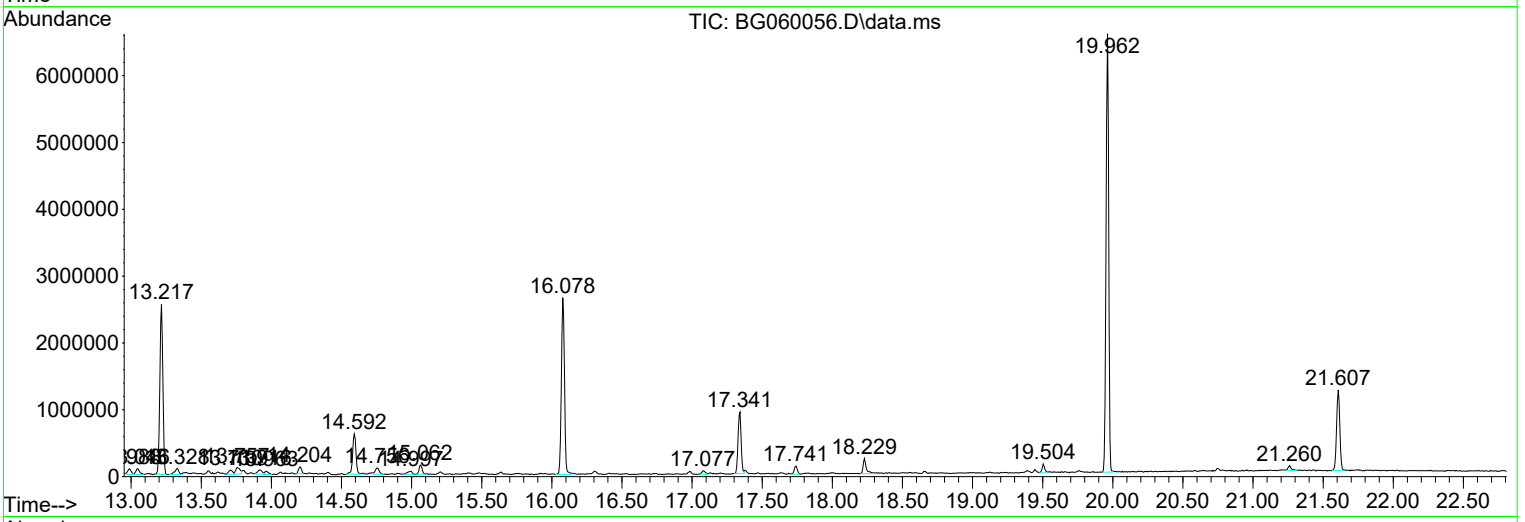
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

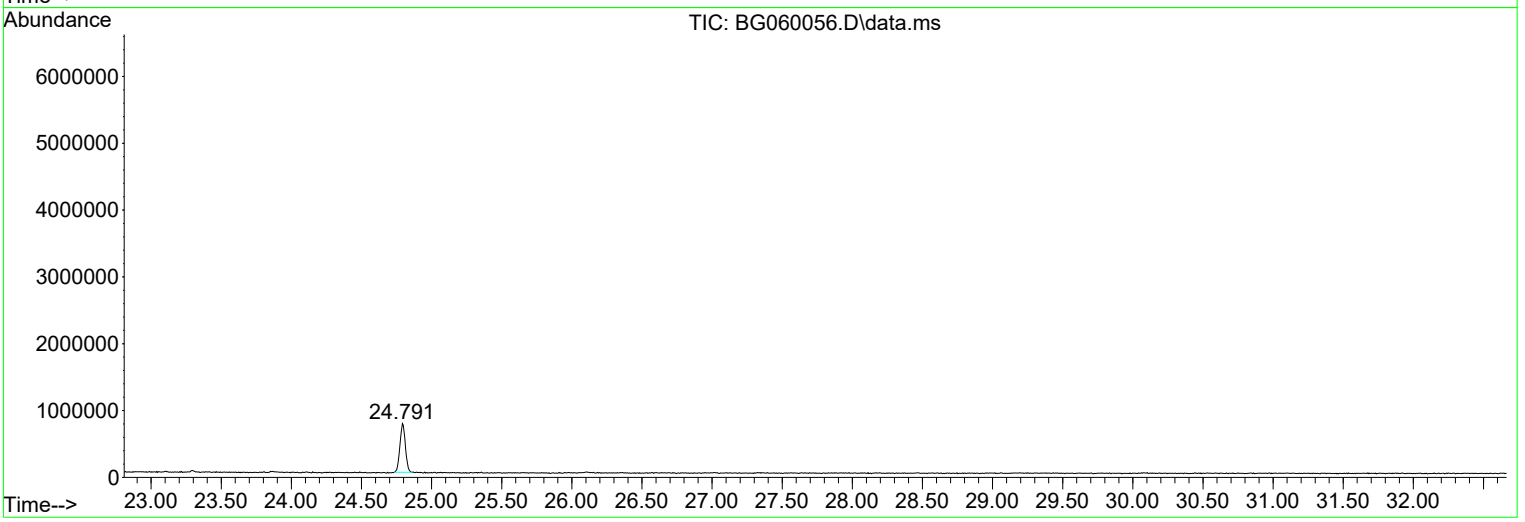
Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

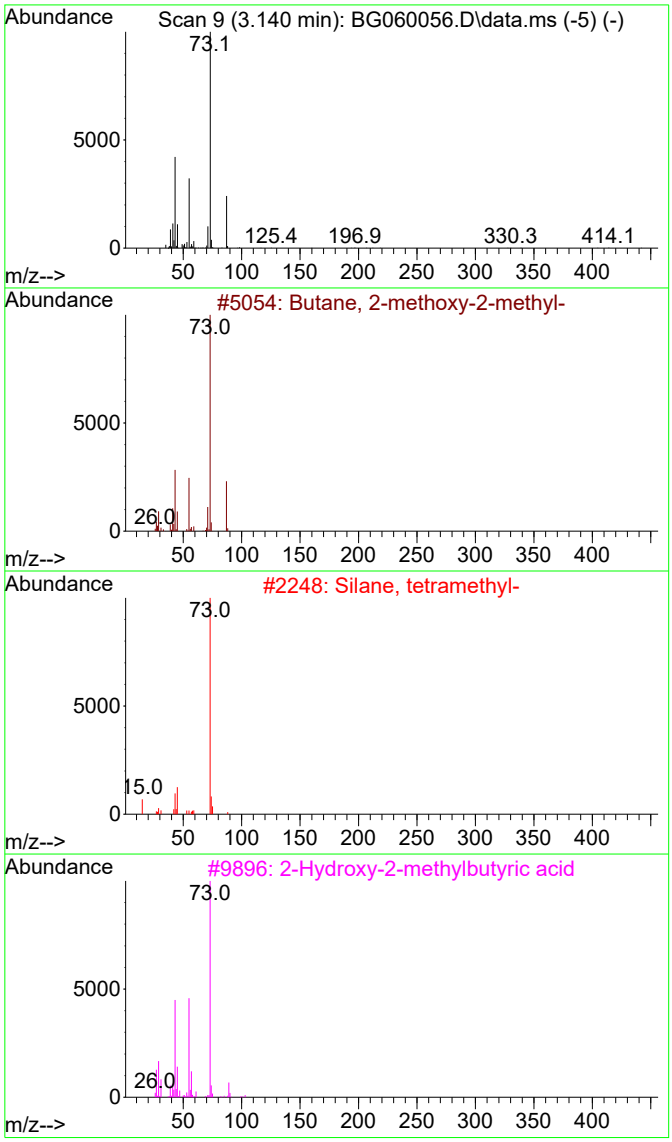
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

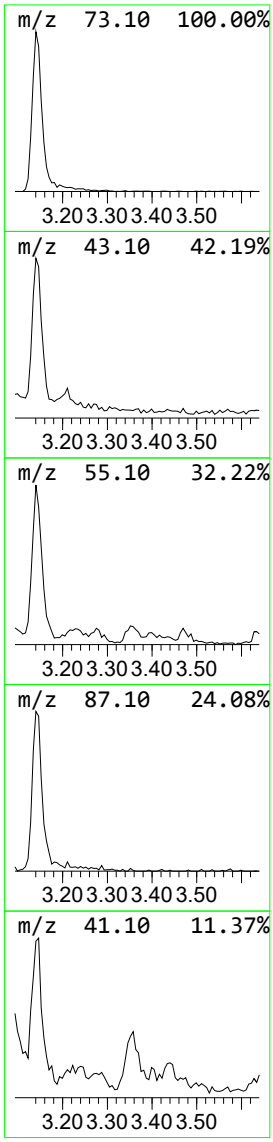
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.140	28.77 ng	554151	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

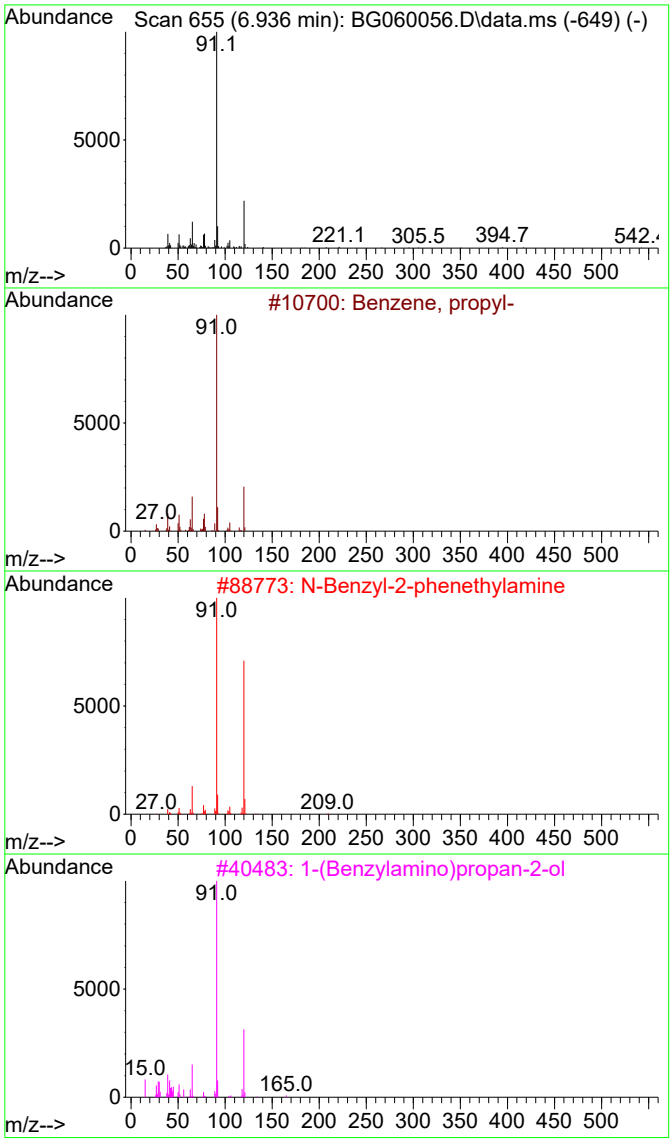
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

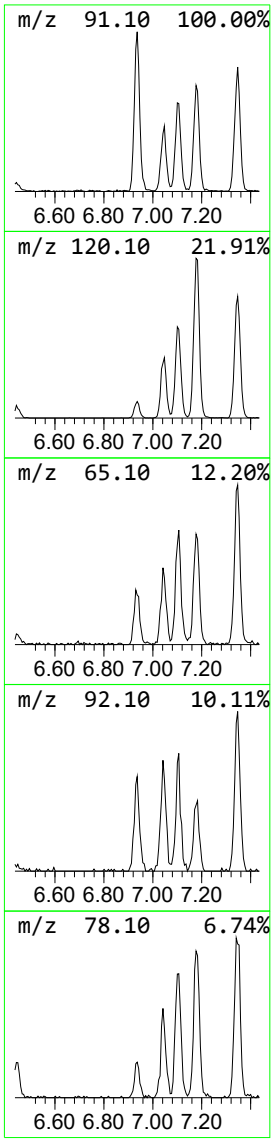
****

Peak Number 4 Benzene, propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.936	17.55 ng	337987	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	93
2	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	78
3	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	72
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	Benzeneacetaldehyde	120	C8H8O	000122-78-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

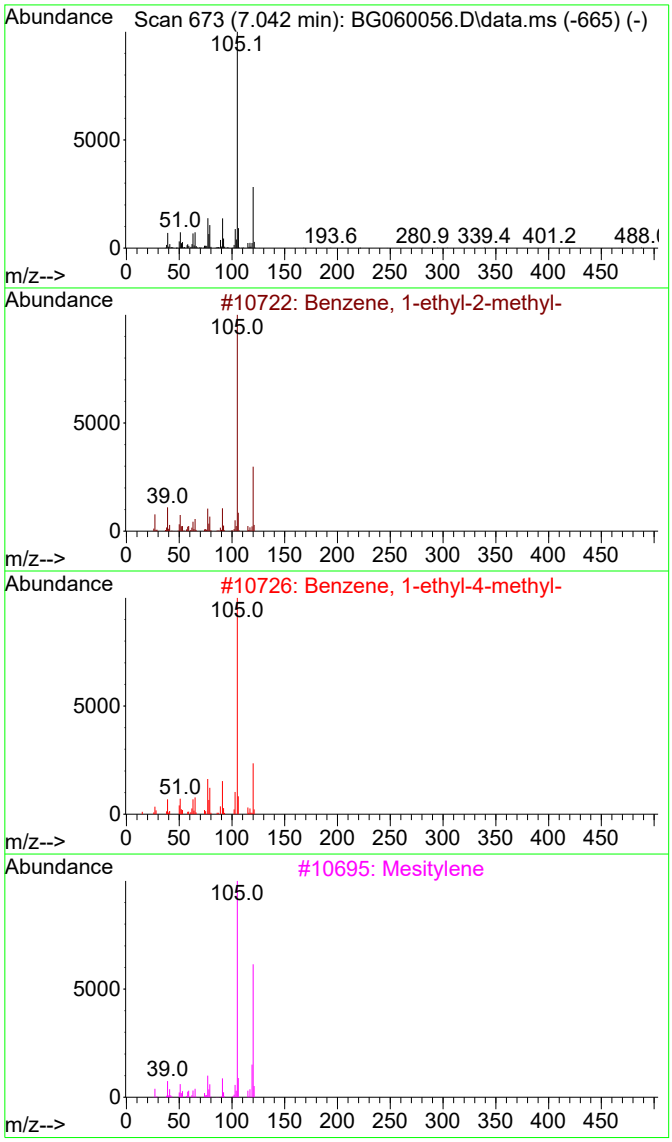
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

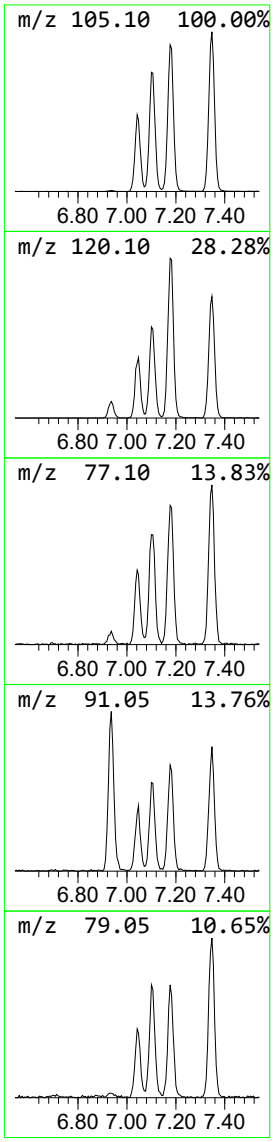
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.042	51.99 ng	1001540	1,4-Dichlorobenzene-d4	7.958

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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

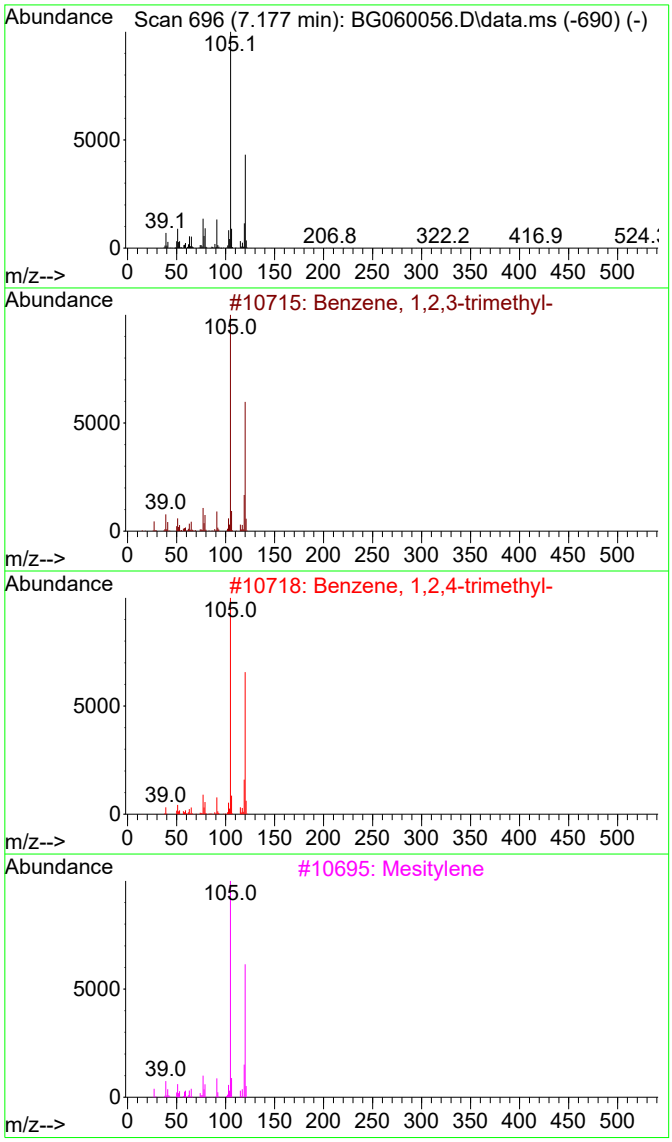
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

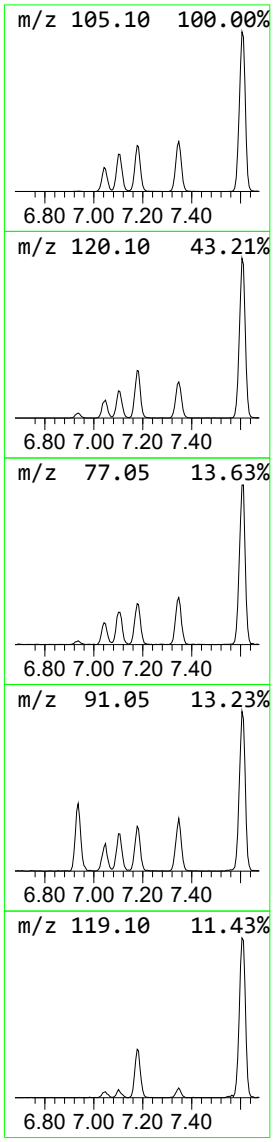
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.177	106.32 ng	2048100	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

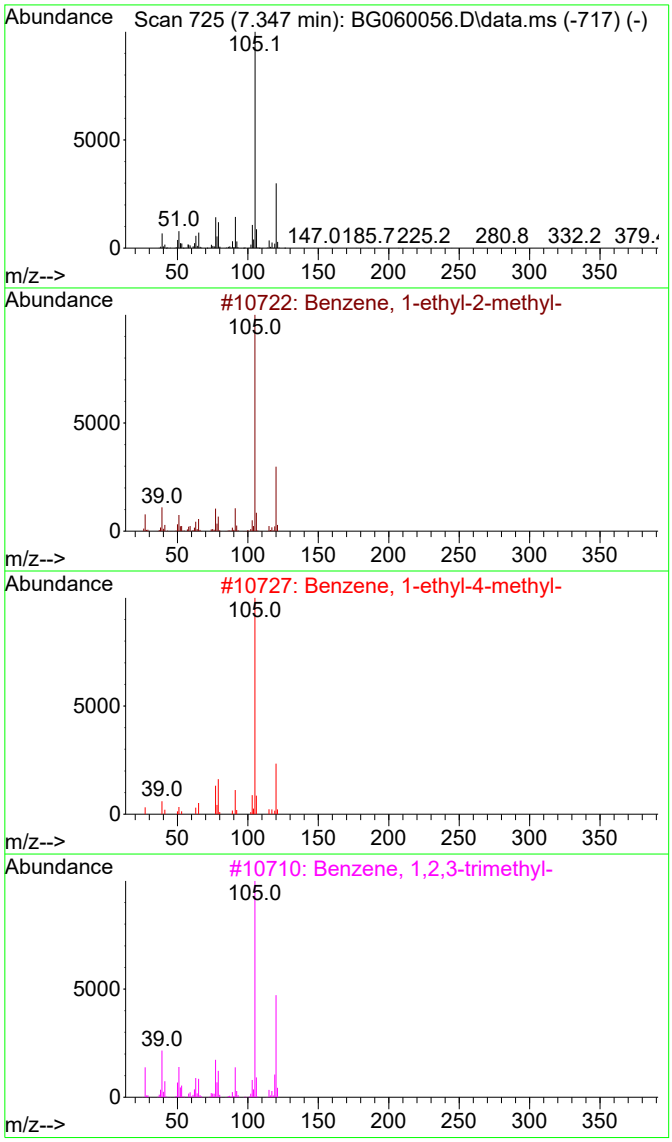
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

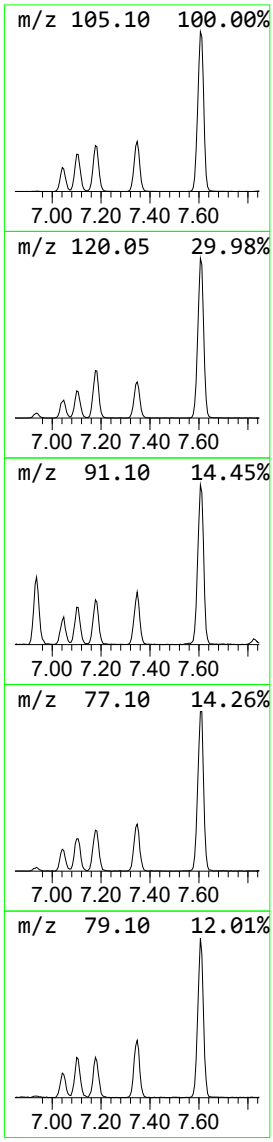
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.347	107.64 ng	2073560	1,4-Dichlorobenzene-d4	7.958

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	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_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

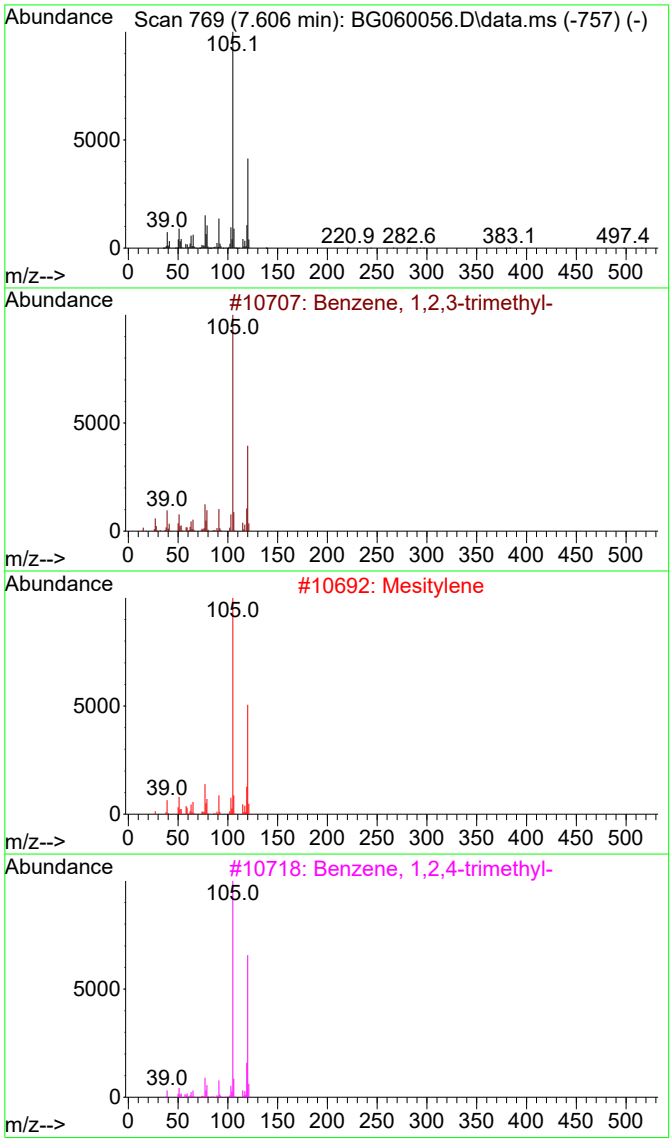
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

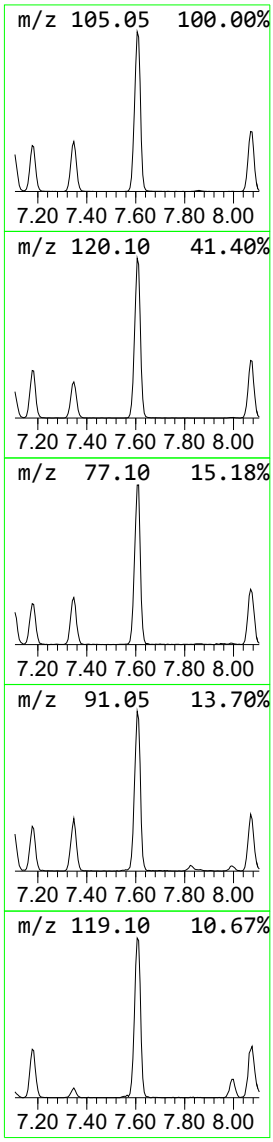
****

Peak Number 8 Mesitylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.606	387.35 ng	7461780	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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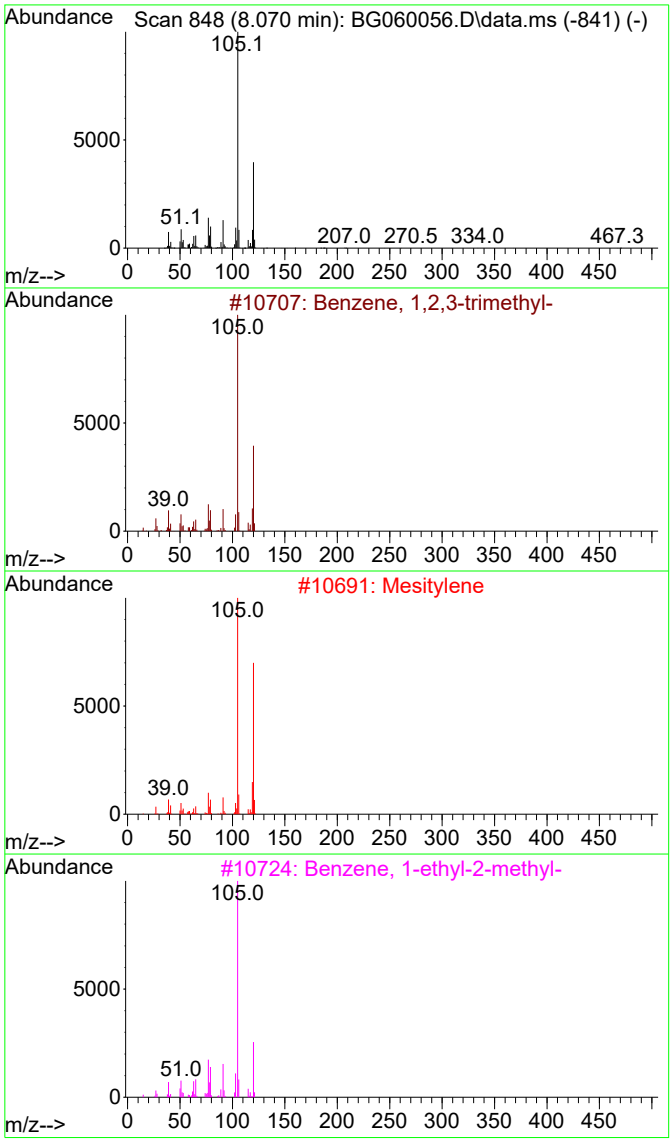
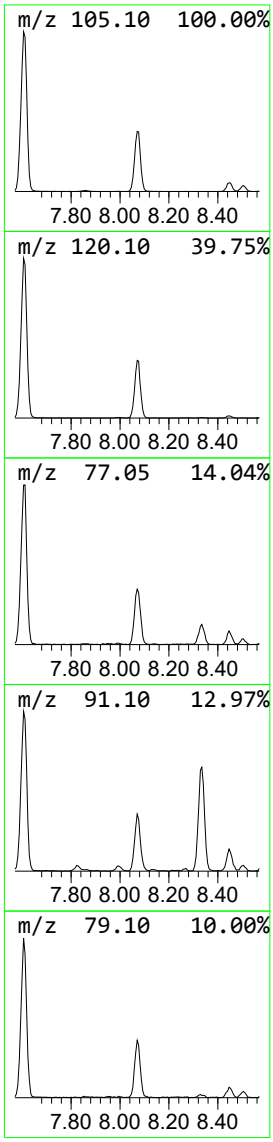
Peak Number 9 Benzene, 1,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.070	143.00 ng	2754750	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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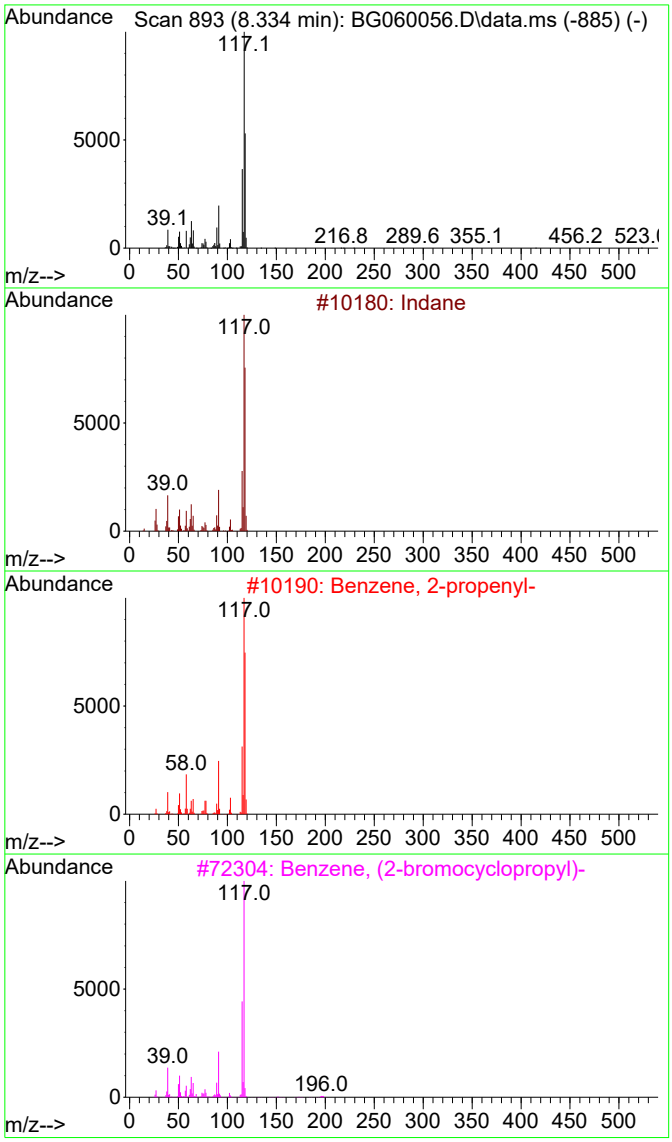
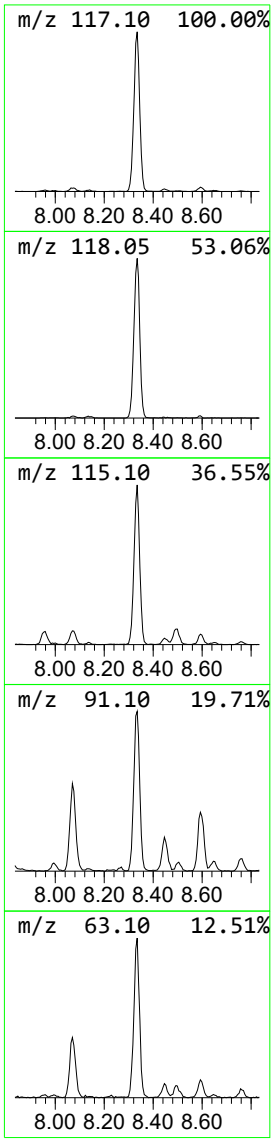
Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.334	190.89 ng	3677120	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
3	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	58
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	55
5	Indole	117	C8H7N	000120-72-9	46





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Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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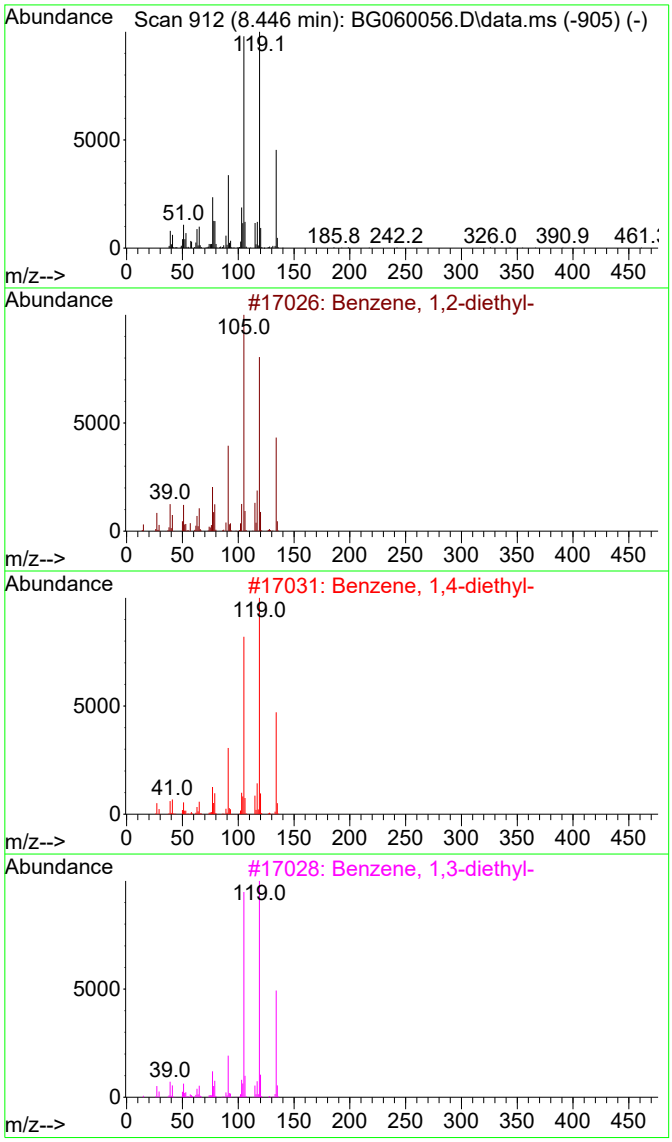
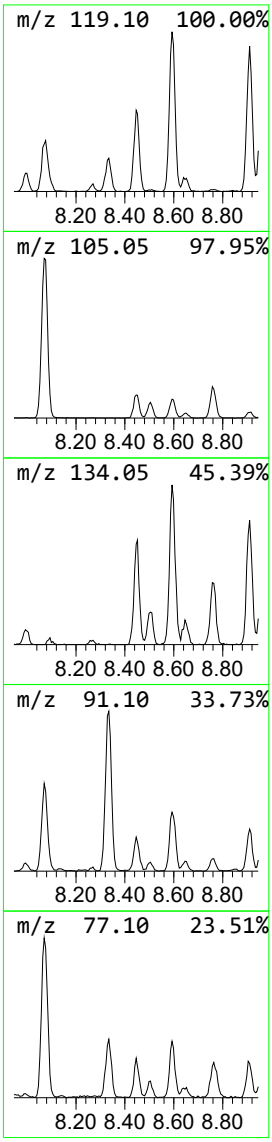
Peak Number 11 Benzene, 1,2-diethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.446	34.28 ng	660278	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90
4	o-Cymene	134	C10H14	000527-84-4	81
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	74





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Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

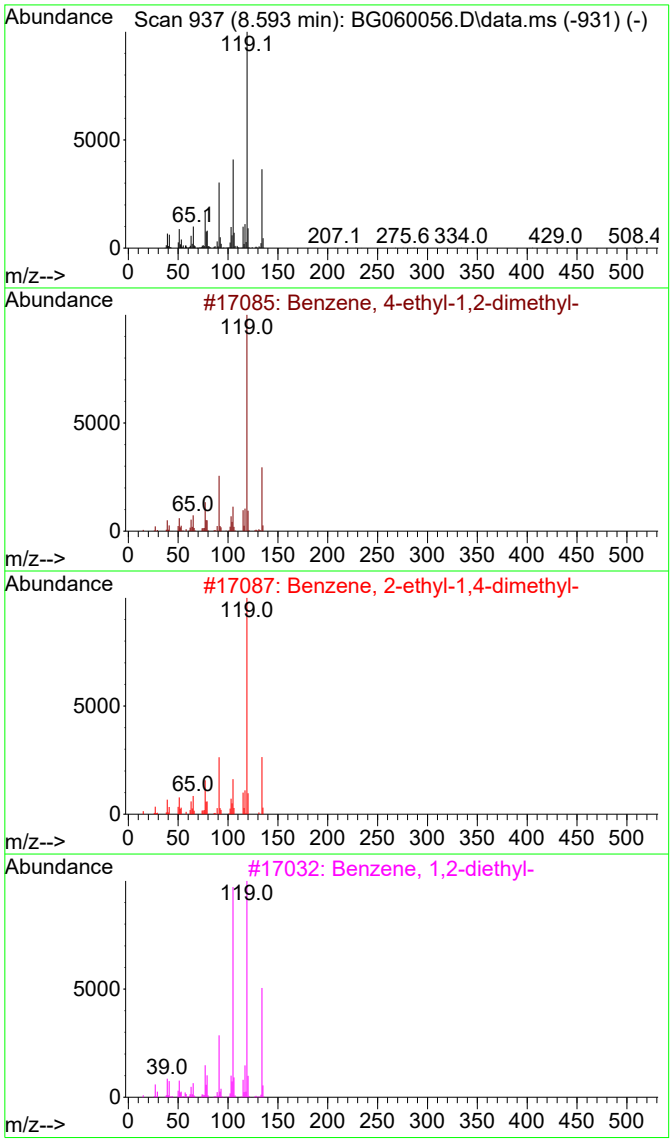
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

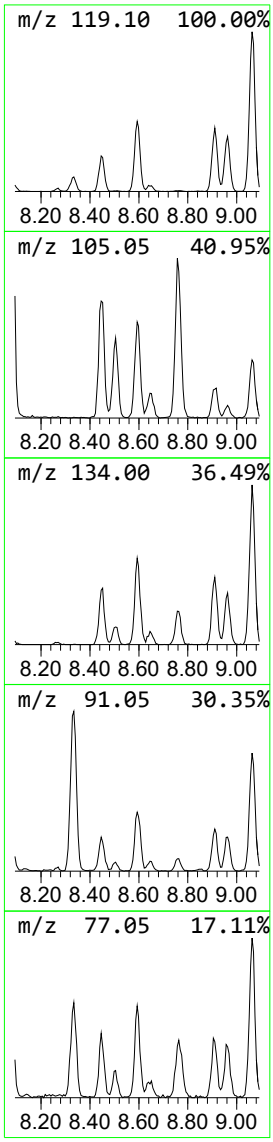
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.593	53.18 ng	1024360	1,4-Dichlorobenzene-d4	7.958

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, 1,2-diethyl-	134	C10H14	000135-01-3	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





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Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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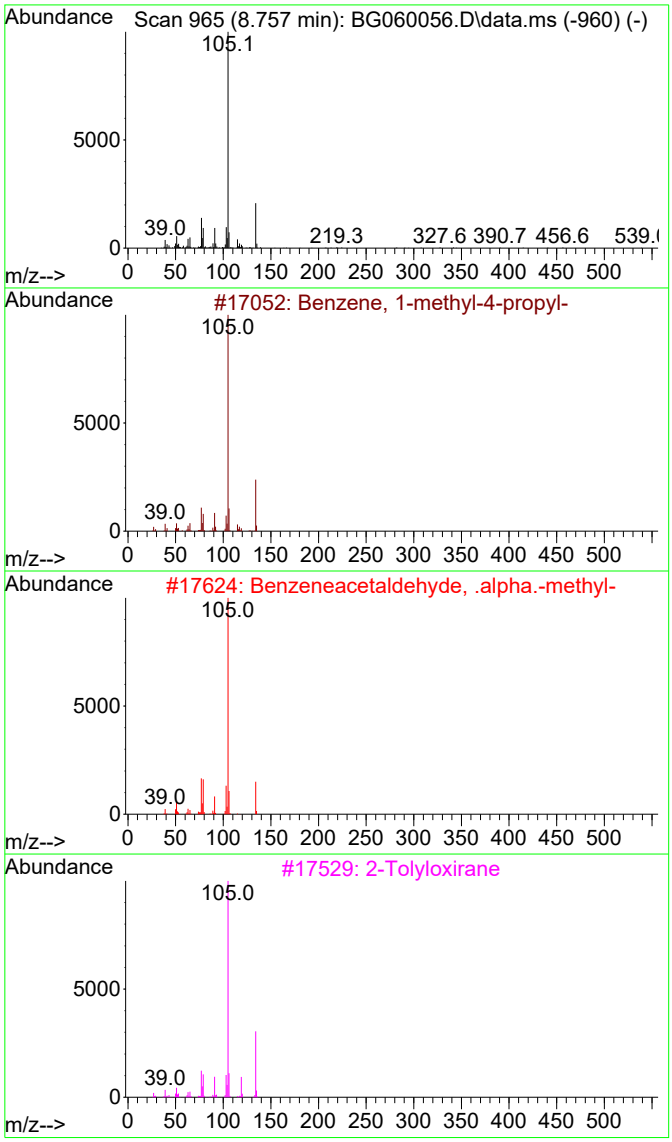
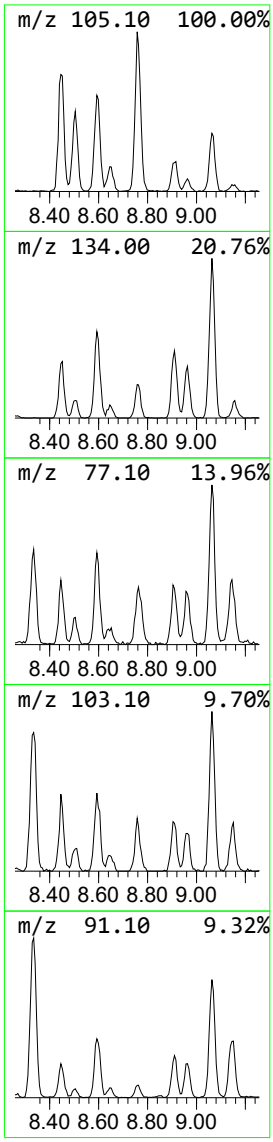
Peak Number 13 Benzene, 1-methyl-4-propyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	23.45 ng	451777	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	94
2	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	91
3	2-Tolyloxirane	134	C9H10O	002783-26-8	87
4	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	83
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	64





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Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

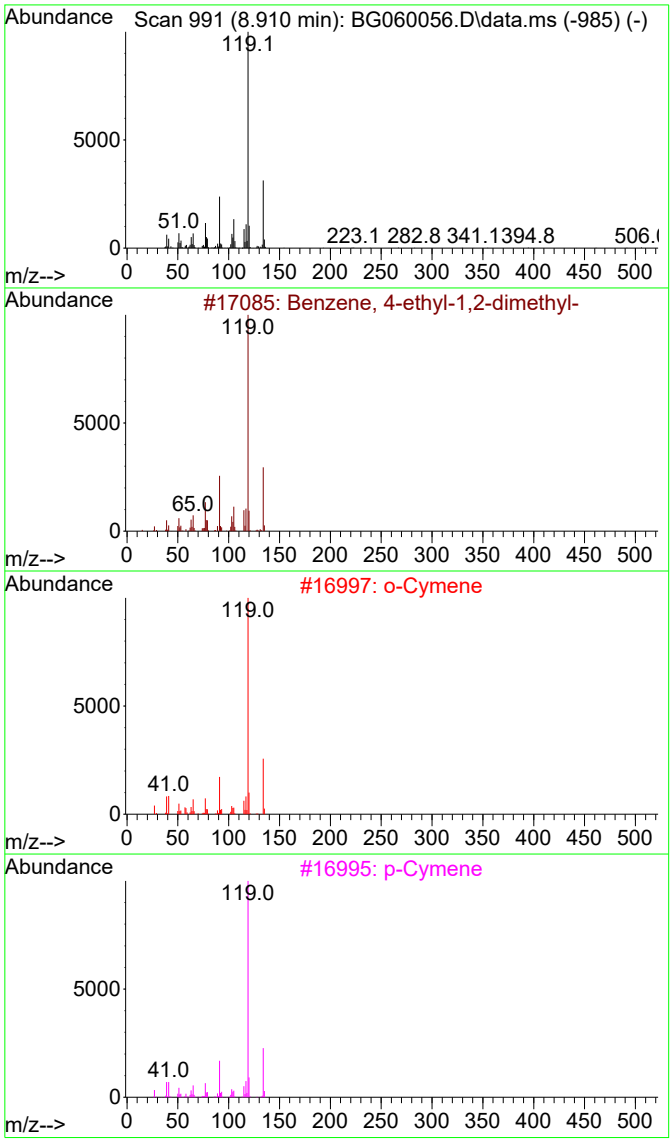
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

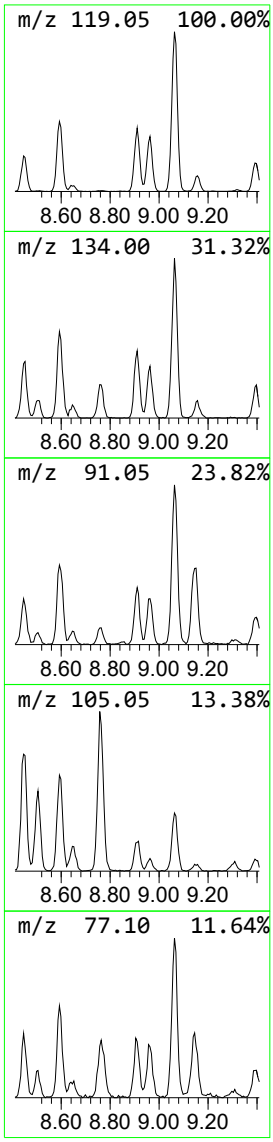
****

Peak Number 14 o-Cymene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.910	36.78 ng	708580	1,4-Dichlorobenzene-d4	7.958

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





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Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

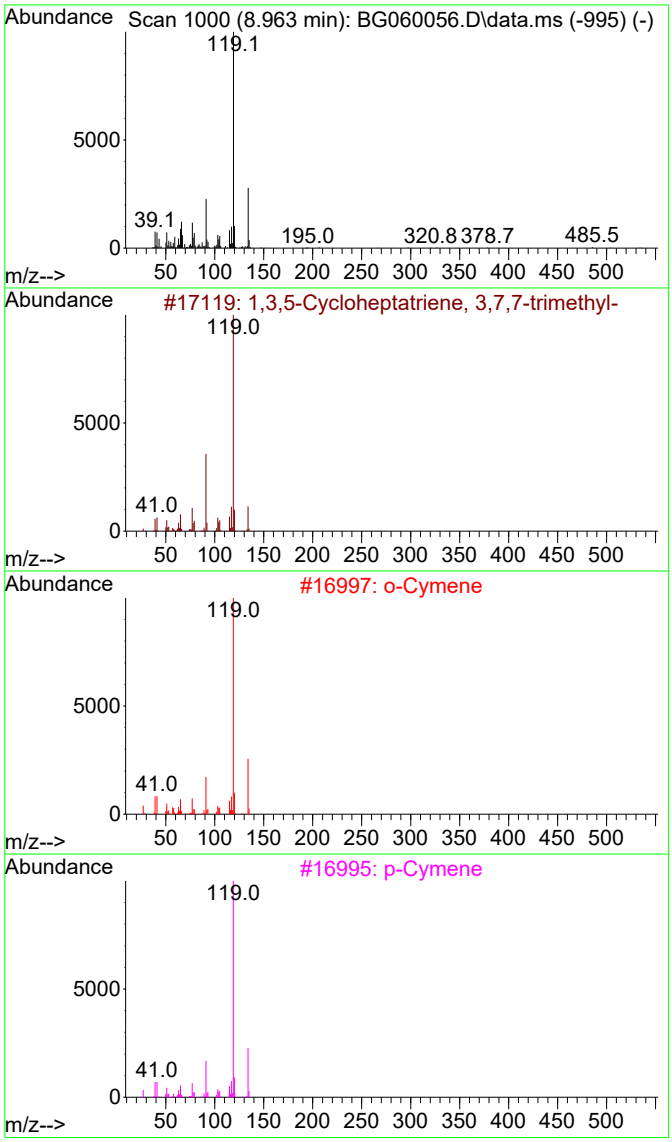
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

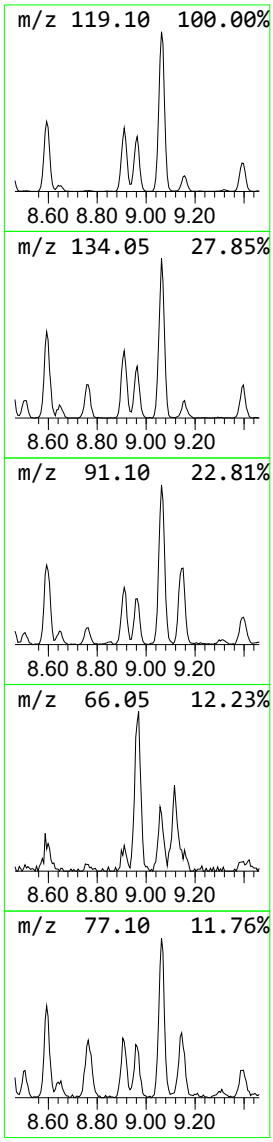
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1,3,5-Cycloheptatriene, 3,7... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.963	36.31 ng	699436	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

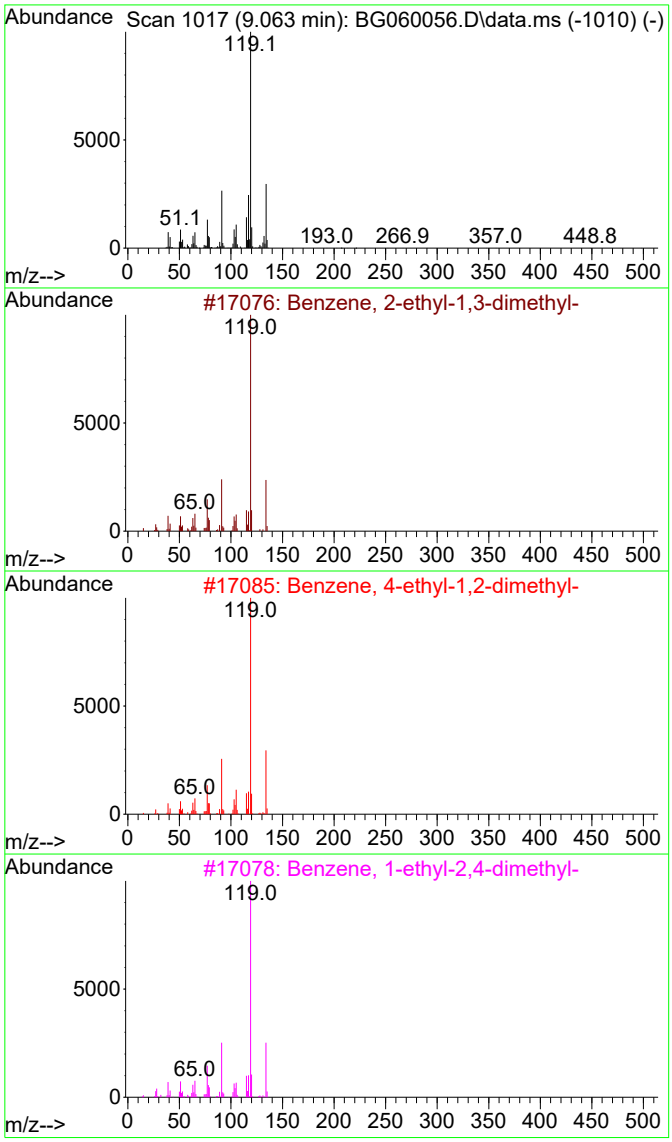
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

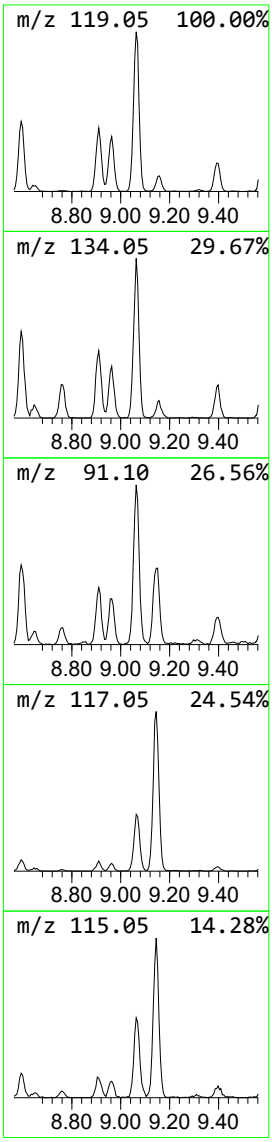
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.063	112.33 ng	2163920	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87





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Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
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

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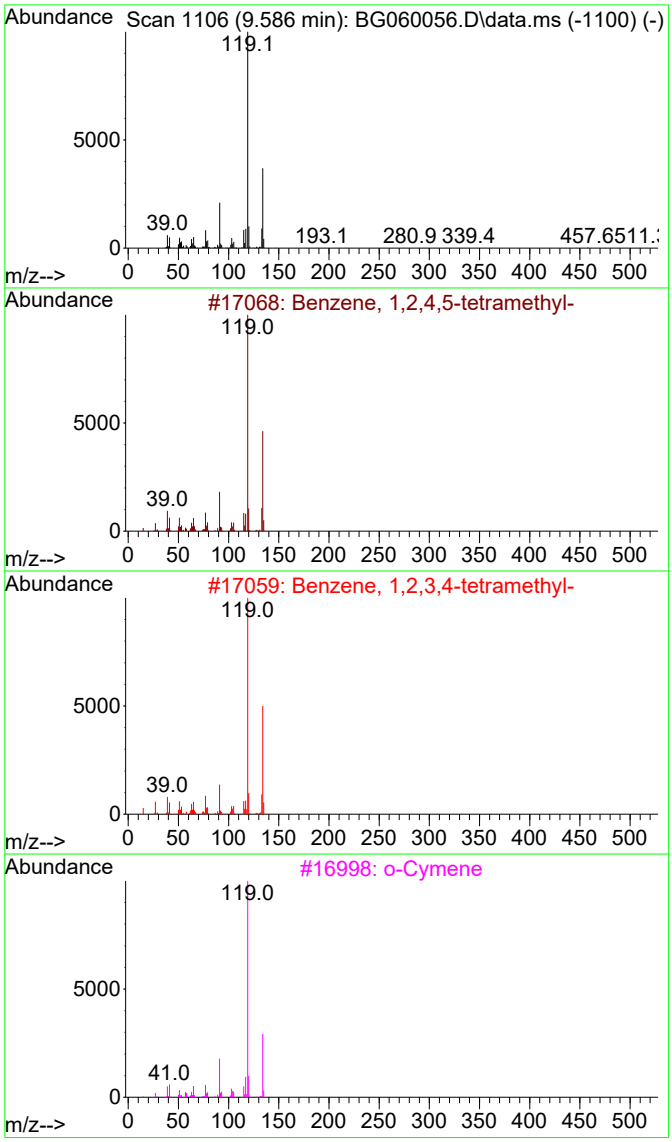
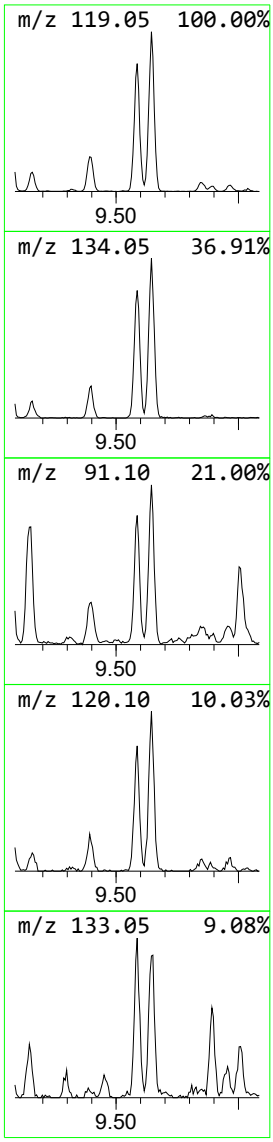
Peak Number 17 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.586	18.19 ng	1087110	Naphthalene-d8	10.761

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	o-Cymene	134	C10H14	000527-84-4	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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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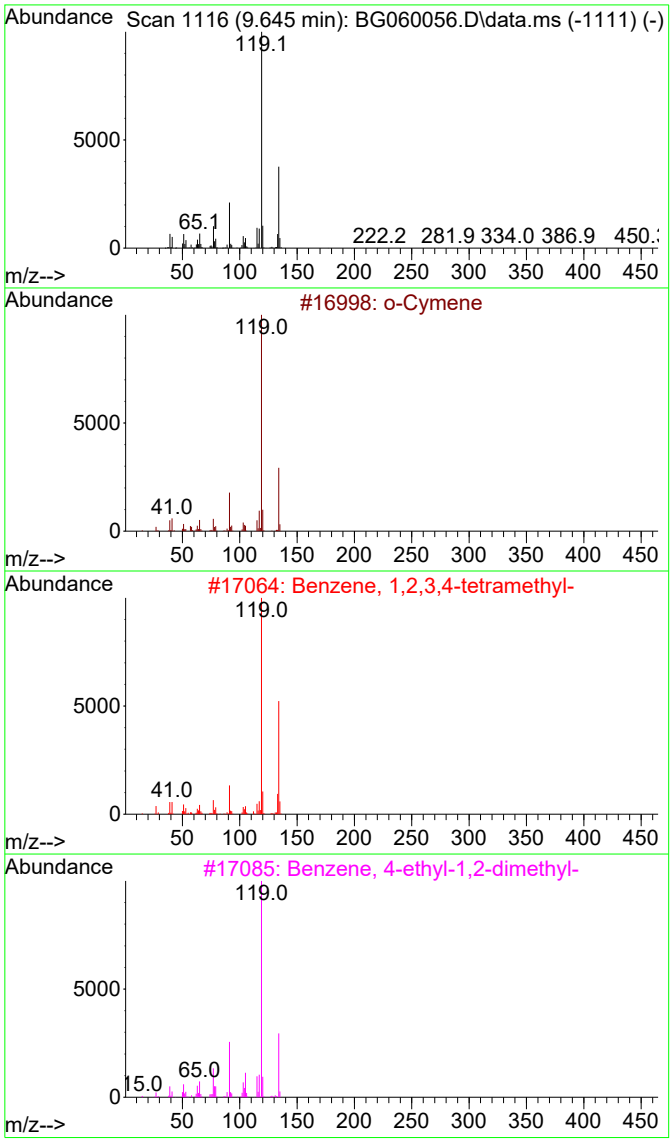
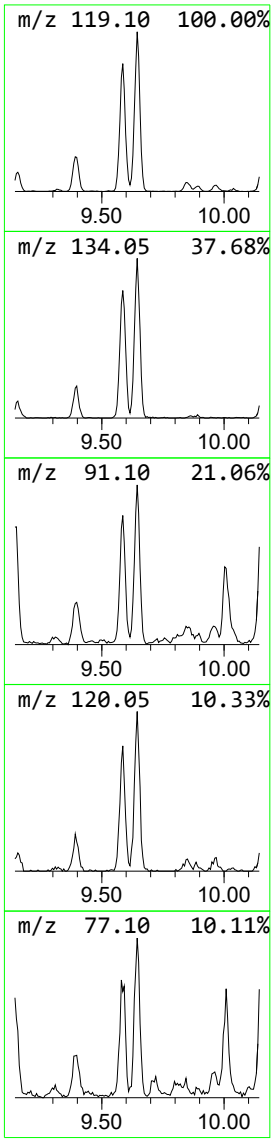
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	22.47 ng	1342730	Naphthalene-d8	10.761

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	95
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
5	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	93





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Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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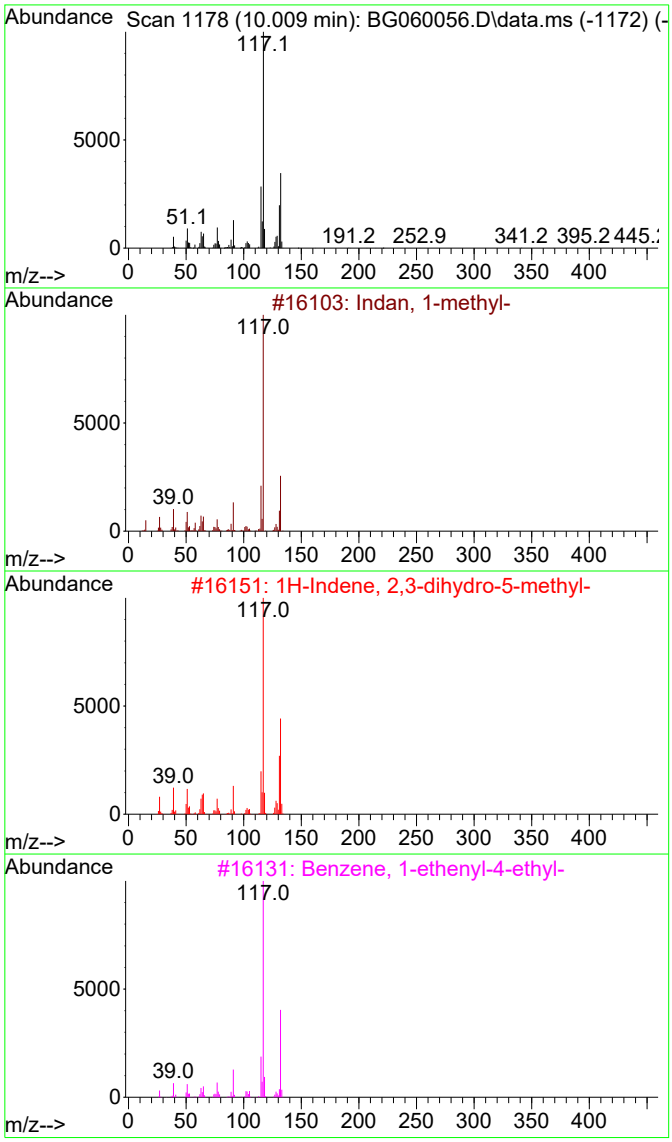
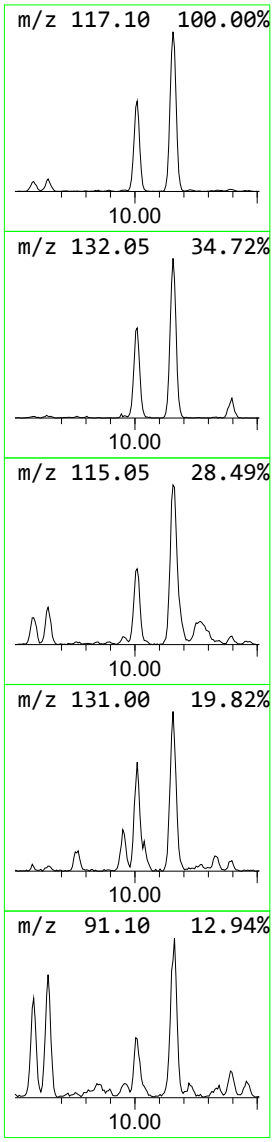
Peak Number 19 Indan, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.009	20.40 ng	1219060	Naphthalene-d8	10.761

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	81
5	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

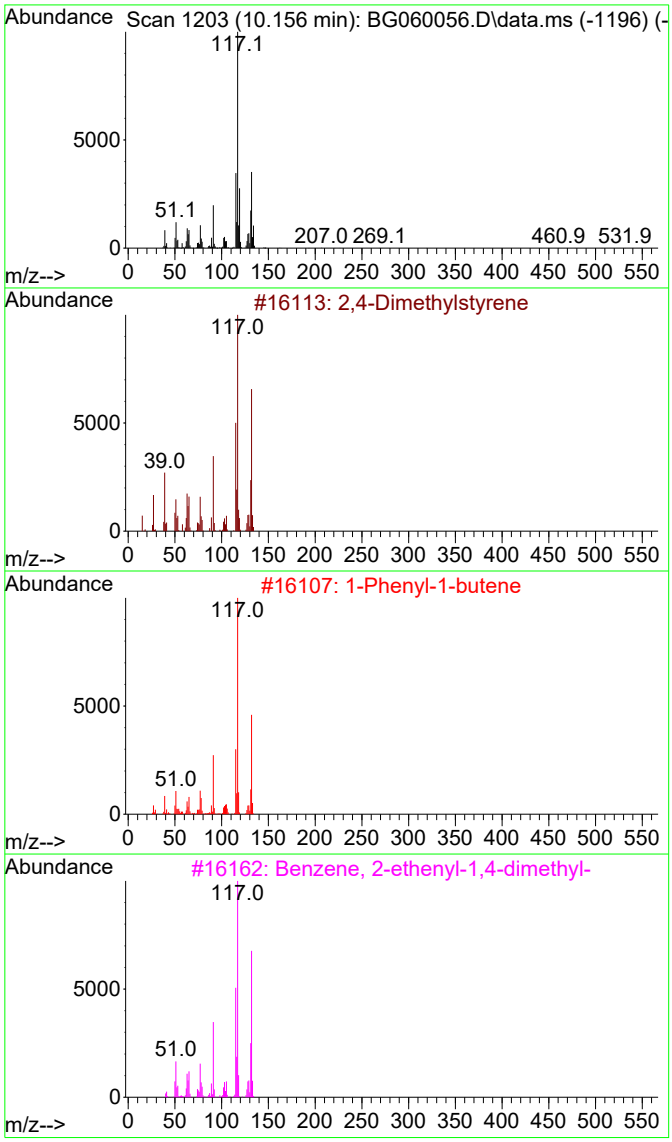
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

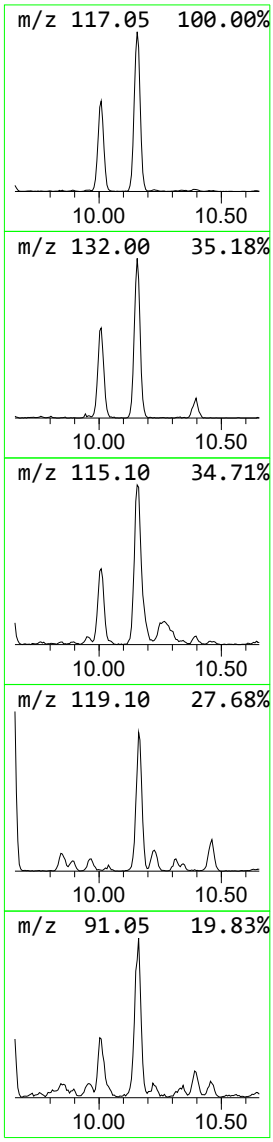
****

Peak Number 20 2,4-Dimethylstyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.156	48.30 ng	2886900	Naphthalene-d8	10.761

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethylstyrene	132	C10H12	002234-20-0	95
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	93
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
Data File : BG060056.D
Acq On : 16 Dec 2023 5:22
Operator : MA/JU
Sample : 05829-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.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...	3.140	28.8	ng	554151	1	7.958	385269	20.0
Benzene, propyl-	6.936	17.6	ng	337987	1	7.958	385269	20.0
Benzene, 1-ethy...	7.042	52.0	ng	1001540	1	7.958	385269	20.0
Benzene, 1,2,3-...	7.177	106.3	ng	2048100	1	7.958	385269	20.0
Benzene, 1-ethy...	7.347	107.6	ng	2073560	1	7.958	385269	20.0
Mesitylene	7.606	387.4	ng	7461780	1	7.958	385269	20.0
Benzene, 1,2,4-...	8.070	143.0	ng	2754750	1	7.958	385269	20.0
Indane	8.334	190.9	ng	3677120	1	7.958	385269	20.0
Benzene, 1,2-di...	8.446	34.3	ng	660278	1	7.958	385269	20.0
Benzene, 4-ethy...	8.593	53.2	ng	1024360	1	7.958	385269	20.0
Benzene, 1-meth...	8.757	23.4	ng	451777	1	7.958	385269	20.0
o-Cymene	8.910	36.8	ng	708580	1	7.958	385269	20.0
1,3,5-Cyclohept...	8.963	36.3	ng	699436	1	7.958	385269	20.0
Benzene, 2-ethy...	9.063	112.3	ng	2163920	1	7.958	385269	20.0
Benzene, 1,2,4,...	9.586	18.2	ng	1087110	2	10.761	1195360	20.0
Benzene, 1,2,3,...	9.645	22.5	ng	1342730	2	10.761	1195360	20.0
Indan, 1-methyl-	10.009	20.4	ng	1219060	2	10.761	1195360	20.0
2,4-Dimethylsty...	10.156	48.3	ng	2886900	2	10.761	1195360	20.0