LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TWO-INCH-WELL

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-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053137.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.500	13	19	22	rBV2	45949	97848	2.00%	0.239%
2	3.641	39	43	50	rVB	46290	66696	1.36%	0.163%
3	3.805	67	71	81	rVB2	77650	134777	2.75%	0.329%
4	3.981	95	101	109	rBV5	28760	77728	1.59%	0.190%
5	4.069	109	116	121	rVV	121561	207256	4.24%	0.505%
6	4.116	121	124	133	rVB	49083	88608	1.81%	0.216%
7	4.334	156	161	169	rVB	135301	231355	4.73%	0.564%
8	4.539	190	196	200	rBV2	116499	182112	3.72%	0.444%
9	4.598	200	206	215	rVB4	143484	243272	4.97%	0.593%
10	4.792	234	239	245	rVB	37535	60777	1.24%	0.148%
11	5.620	371	380	385	rBV	76520	133954	2.74%	0.327%
12	5.685	385	391	397	rVB	339071	539315	11.02%	1.315%
13	5.755	397	403	413	rBV5	42681	126431	2.58%	0.308%
14	6.607	539	548	562	rBV	571283	954477	19.51%	2.328%
15	7.101	624	632	640	rBV	1274685	2174764	44.45%	5.304%
16	7.277	655	662	669	rVB2	244683	456203	9.32%	1.113%
17	7.512	694	702	709	rBV	109846	194097	3.97%	0.473%
18	7.988	777	783	786	rBV	48171	84781	1.73%	0.207%
19	8.023	786	789	795	rVV	62738	97622	2.00%	0.238%
20	8.117	798	805	810	rBV	129587	226052	4.62%	0.551%
21	8.240	820	826	835	rVB3	62269	120872	2.47%	0.295%
22	8.505	863	871	880	rVB	2739032	4892621	100.00%	11.933%
23	8.610	880	889	896	rBV	406285	661154	13.51%	1.613%
24	8.763	908	915	920	rBV2	223239	385419	7.88%	0.940%
25	8.816	920	924	930	rVB	90527	146670	3.00%	0.358%
26	9.233	987	995	1000	rBV	1340698	2333430	47.69%	5.691%
27	9.315	1000	1009	1017	rVB2	866344	2253458	46.06%	5.496%
28	9.474	1029	1036	1045	rVB5	25089	60151	1.23%	0.147%
29	9.756	1077	1084	1091	rVB	712534	1213426	24.80%	2.959%
30	10.014	1122	1128	1134	rVB	43539	71524	1.46%	0.174%
31	10.126	1141	1147	1150	rBV	49689	97054	1.98%	0.237%
32	10.179	1150	1156	1169	rVV	803325	1466824	29.98%	3.578%
33	10.332	1173	1182	1190	rBV2	1619971	2979544	60.90%	7.267%
34	10.402	1190	1194	1197	rVV2	51754	90689	1.85%	0.221%
35	10.443	1197	1201	1207	rVV	79581	152164	3.11%	0.371%
36	10.508	1207	1212	1217	rVV2	54690	103262	2.11%	0.252%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

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-BG040822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.625	1227	1232	1238	rVB	57063	96477	1.97%	0.235%
38	10.849	1264	1270	1272	rBV2	51455	81951	1.67%	0.200%
39	10.913	1272	1281	1288	rVV2	244067	794302	16.23%	1.937%
40	10.978	1288	1292	1298	rVV4	157449	327596	6.70%	0.799%
41	11.042	1298	1303	1312	rVB	156232	292842	5.99%	0.714%
42	11.142	1312	1320	1326	rBV	62482	101892	2.08%	0.249%
43	11.595	1392	1397	1402	rVB	109145	185256	3.79%	0.452%
44	11.747	1419	1423	1432	rVB3	24288	51088	1.04%	0.125%
45	11.841	1432	1439	1447	rBV	136788	240418	4.91%	0.586%
46	12.035	1465	1472	1477	rBV	114564	217677	4.45%	0.531%
47	12.112	1481	1485	1498	rVB3	63112	160537	3.28%	0.392%
48	12.247	1498	1508	1512	rBV3	42196	89945	1.84%	0.219%
49	12.305	1512	1518	1525	rVB2	101393	185439	3.79%	0.452%
50	12.470	1540	1546	1555	rVB2	66207	124163	2.54%	0.303%
51	12.581	1555	1565	1571	rBV	934866	1598375	32.67%	3.898%
52	12.693	1577	1584	1590	rBV3	23030	50938	1.04%	0.124%
53	12.799	1591	1602	1611	rVB	677566	1279949	26.16%	3.122%
54	12.957	1624	1629	1635	rVB3	31046	59026	1.21%	0.144%
55	13.198	1666	1670	1677	rVB4	35269	56322	1.15%	0.137%
56	13.369	1691	1699	1705	rVB	1246589	2004360	40.97%	4.889%
57	14.062	1810	1817	1823	rBV	46737	103315	2.11%	0.252%
58	14.238	1839	1847	1853	rBV	18059	55233	1.13%	0.135%
59	14.555	1894	1901	1910	rBV	142553	285871	5.84%	0.697%
60	14.743	1924	1933	1939	rBV	295438	492070	10.06%	1.200%
61	16.229	2179	2186	2192	rBV	1141850	1794402	36.68%	4.376%
62	17.487	2393	2400	2405	rBV	361668	571850	11.69%	1.395%
63	18.362	2545	2549	2559	rBV3	67964	135737	2.77%	0.331%
64	20.089	2836	2843	2849	rBV	2444917	3167456	64.74%	7.725%
65	20.559	2920	2923	2929	rBV2	28360	51111	1.04%	0.125%
66	20.882	2974	2978	2982	rVB2	45084	59039	1.21%	0.144%
67	21.393	3061	3065	3073	rVB	127844	191360	3.91%	0.467%
68	21.769	3122	3129	3140	rVB	367660	638222	13.04%	1.557%
69	22.221	3204	3206	3212	rVB6	27347	49703	1.02%	0.121%
70	22.292	3214	3218	3225	rVB3	39757	70990	1.45%	0.173%
71	24.800	3638	3645	3657	rVB8	87712	269311	5.50%	0.657%
72	25.065	3682	3690	3702	rVB2	216458	652533	13.34%	1.591%
73	28.771	4304	4321	4341	rVB8	171987	1008011	20.60%	2.458%

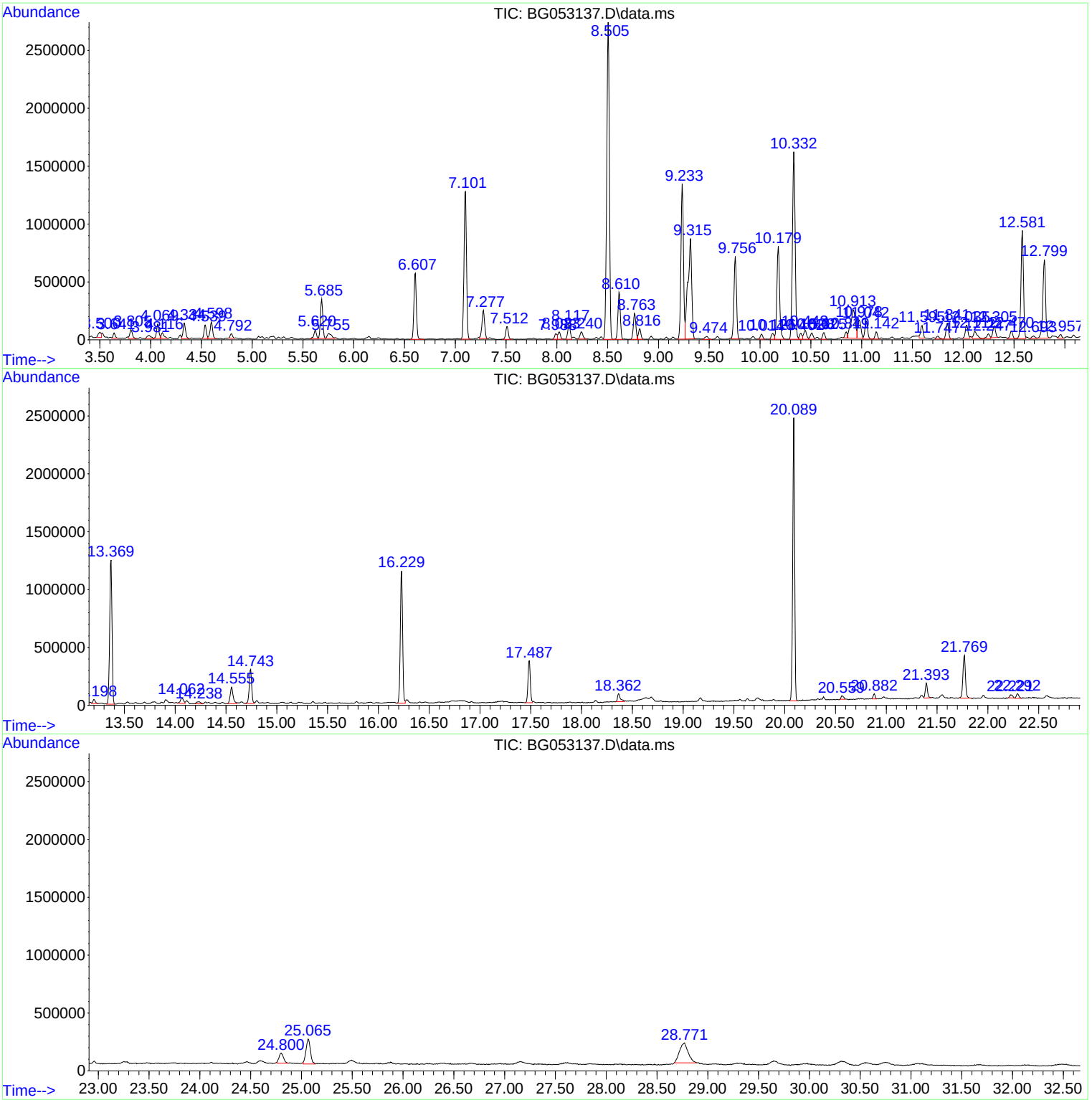
Sum of corrected areas: 41001154

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

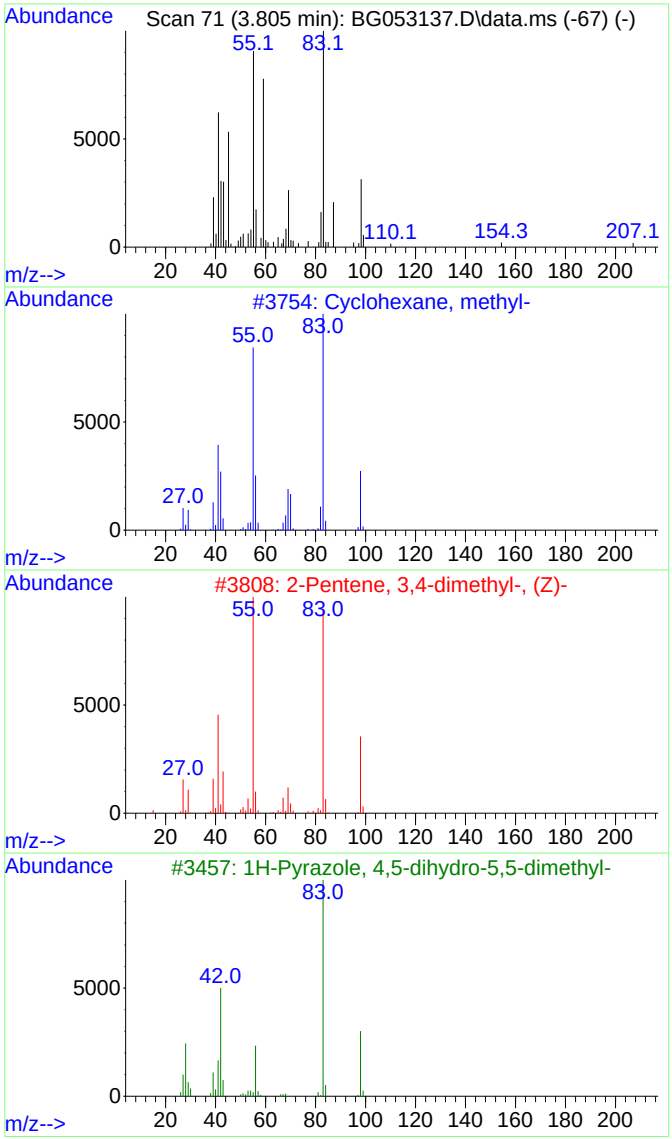
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

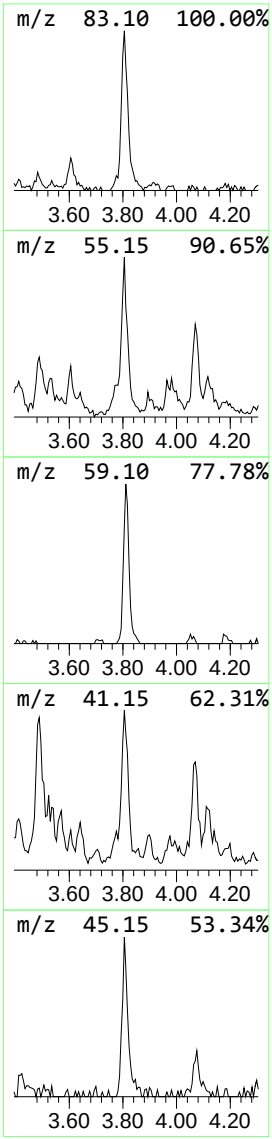
****

Peak Number 1 unknown3.805 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.805	11.92 ng	134777	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	45
2	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	38
3	1H-Pyrazole, 4,5-dihydro-5,5-dim...	98	C5H10N2	004320-85-8	35
4	Cyclopropane, 1,1,2,2-tetramethyl-	98	C7H14	004127-47-3	35
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

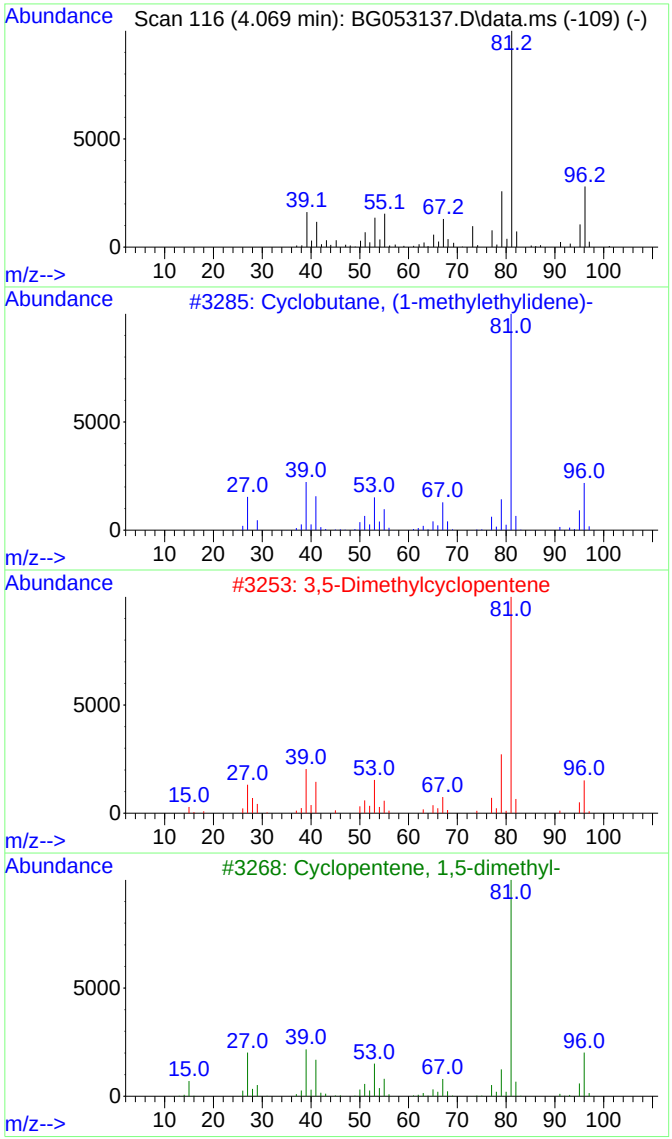
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

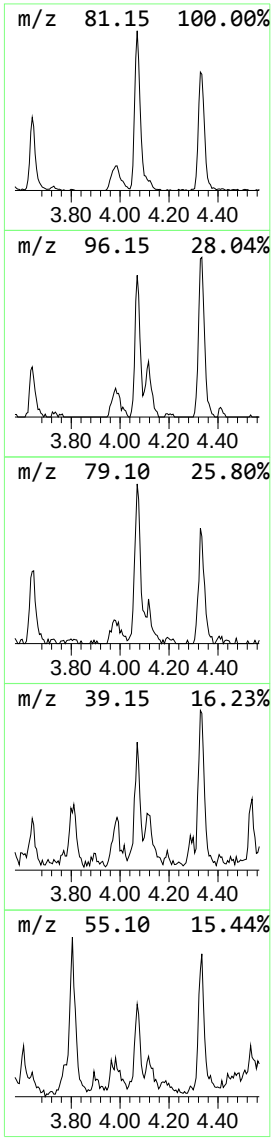
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclobutane, (1-methylethyl... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.069	18.34 ng	207256	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	87
2	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	83
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	83
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	80
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

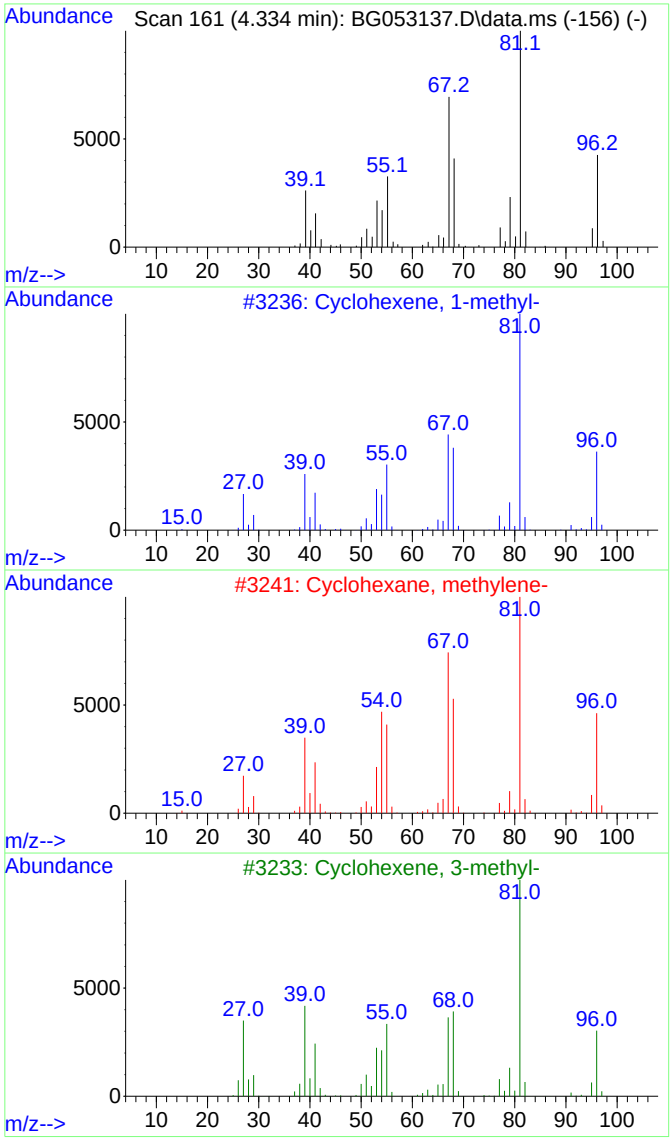
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

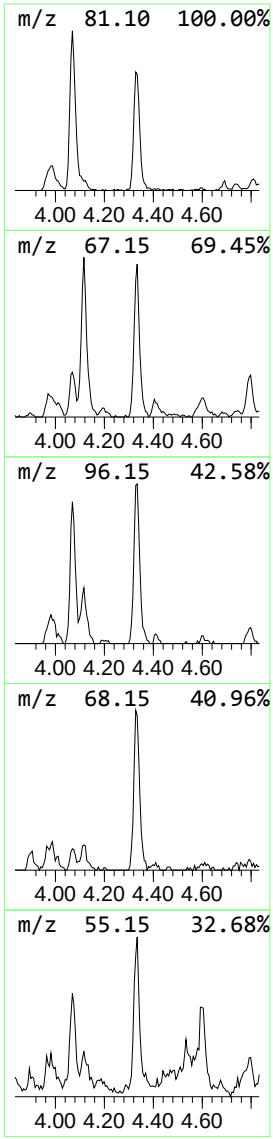
****

Peak Number 3 Cyclohexene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.334	20.47 ng	231355	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	91
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	90
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	83
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	80
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

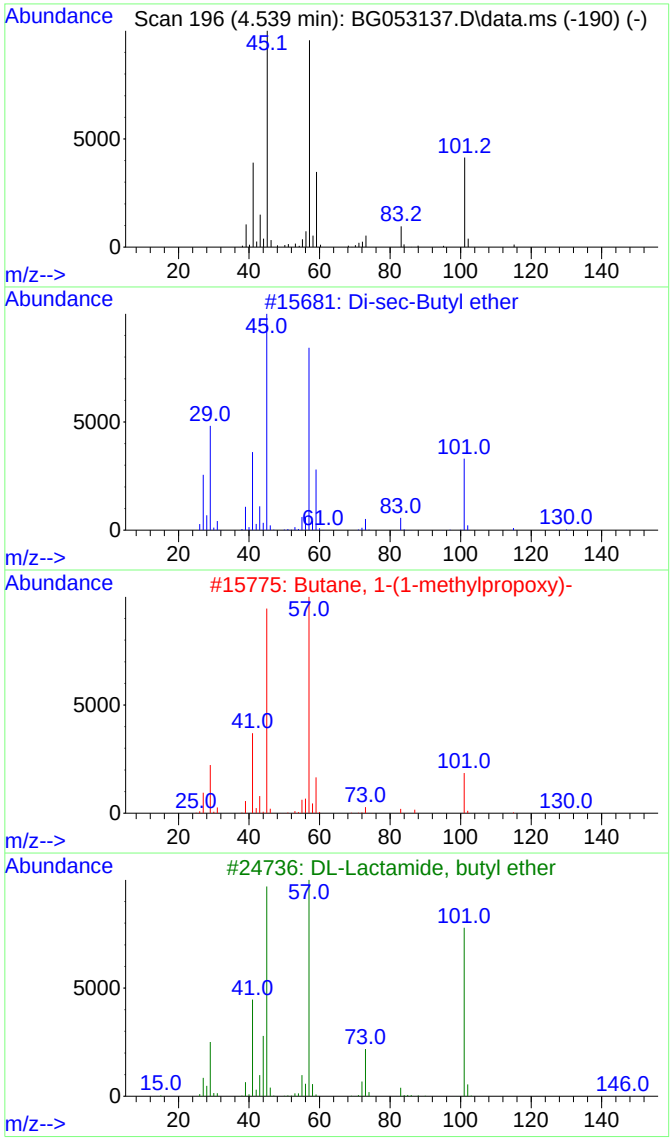
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

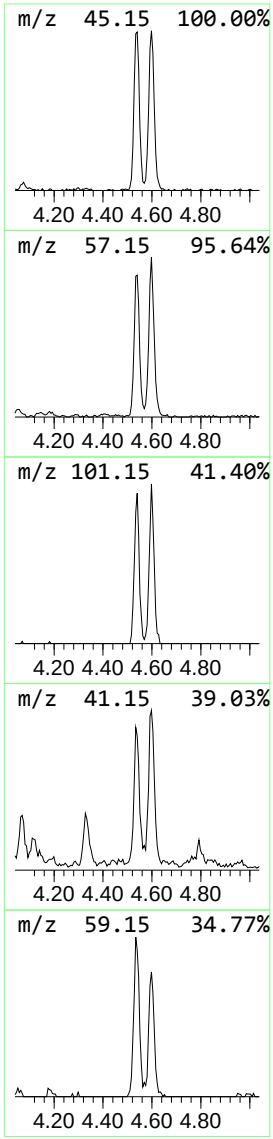
****

Peak Number 4 Di-sec-Butyl ether Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.539	16.11 ng	182112	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	83
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
3	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	50
4	Butane, 2-ethoxy-	102	C6H14O	002679-87-0	43
5	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	39





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

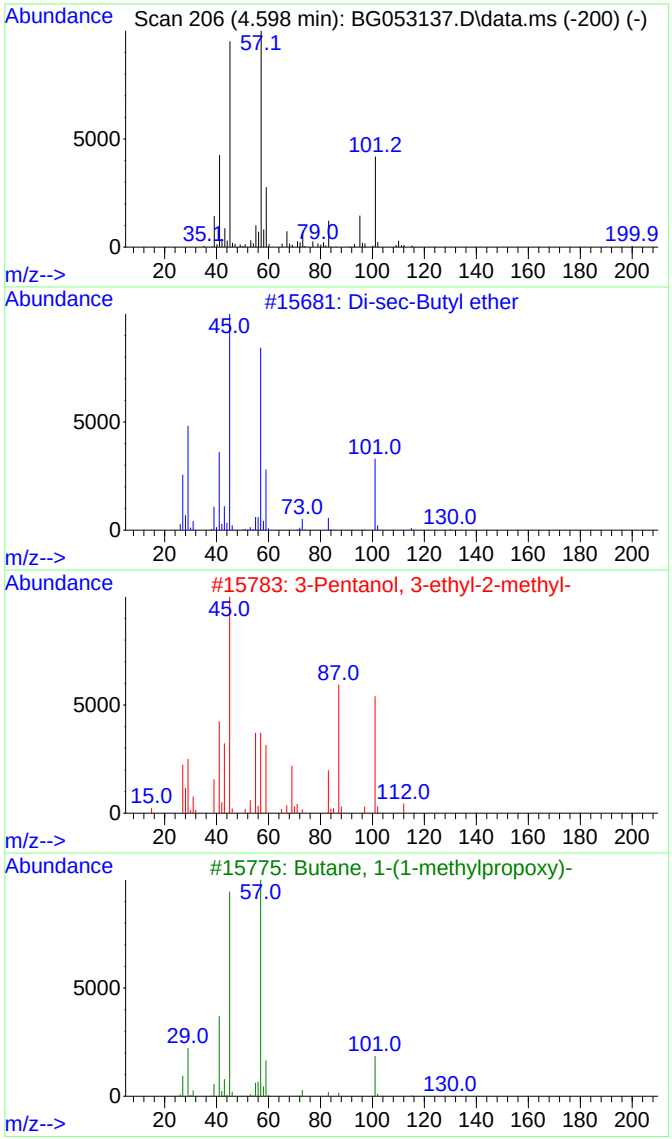
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

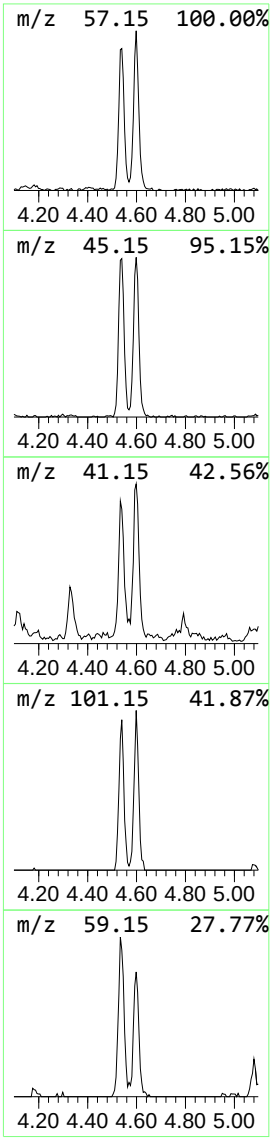
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Pentanol, 3-ethyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.598	21.52 ng	243272	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	78
2	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	53
3	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
4	2-Hydroxy-3-pentanone	102	C5H10O2	005704-20-1	47
5	Butane, 1,1'-[ethylidenebis(oxy)...	174	C10H22O2	000871-22-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

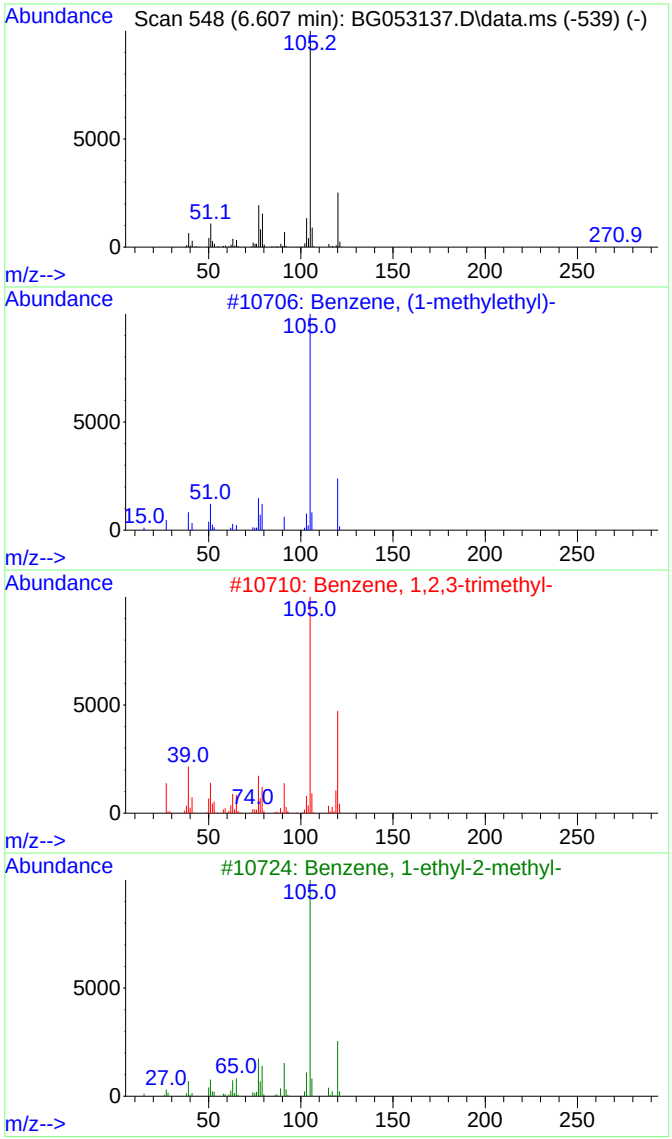
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

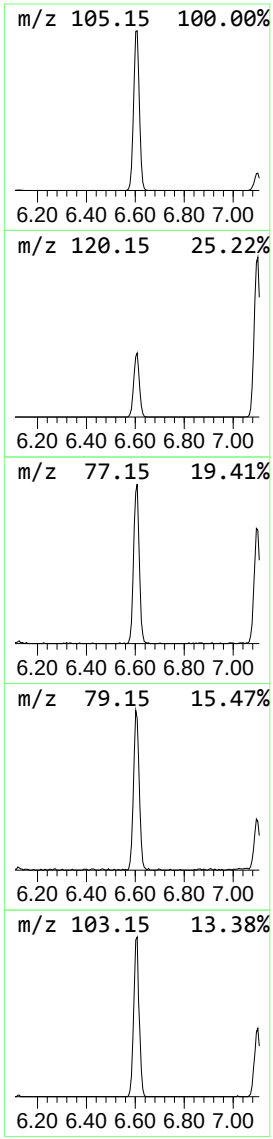
****

Peak Number 8 Benzene, (1-methylethyl)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.607	84.45 ng	954477	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	83
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

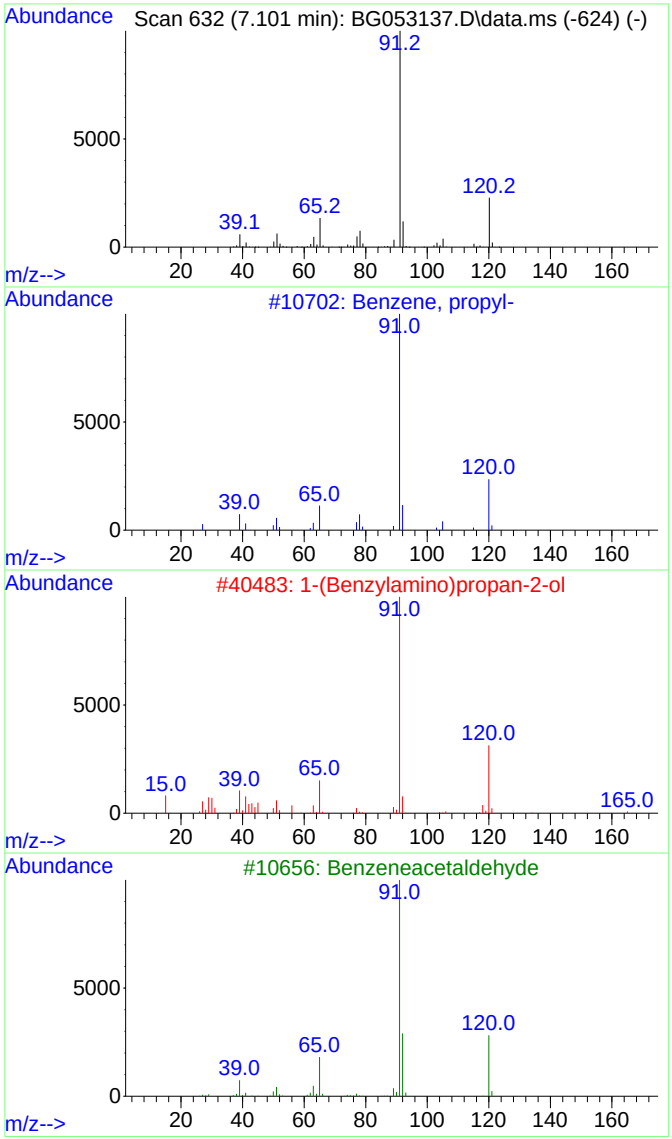
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

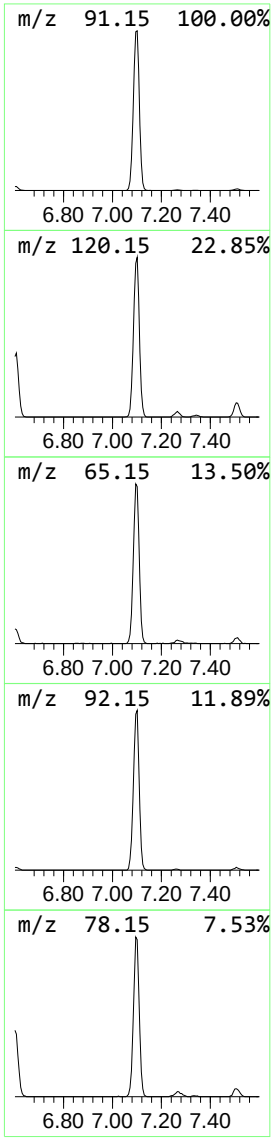
****

Peak Number 9 Benzene, propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.101	192.41 ng	2174760	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	1-(Benzylamino)propan-2-ol	165	C10H15NO	1000486-84-7	59
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	53
5	Hydrazinecarboxylic acid, phenyl...	166	C8H10N2O2	005331-43-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

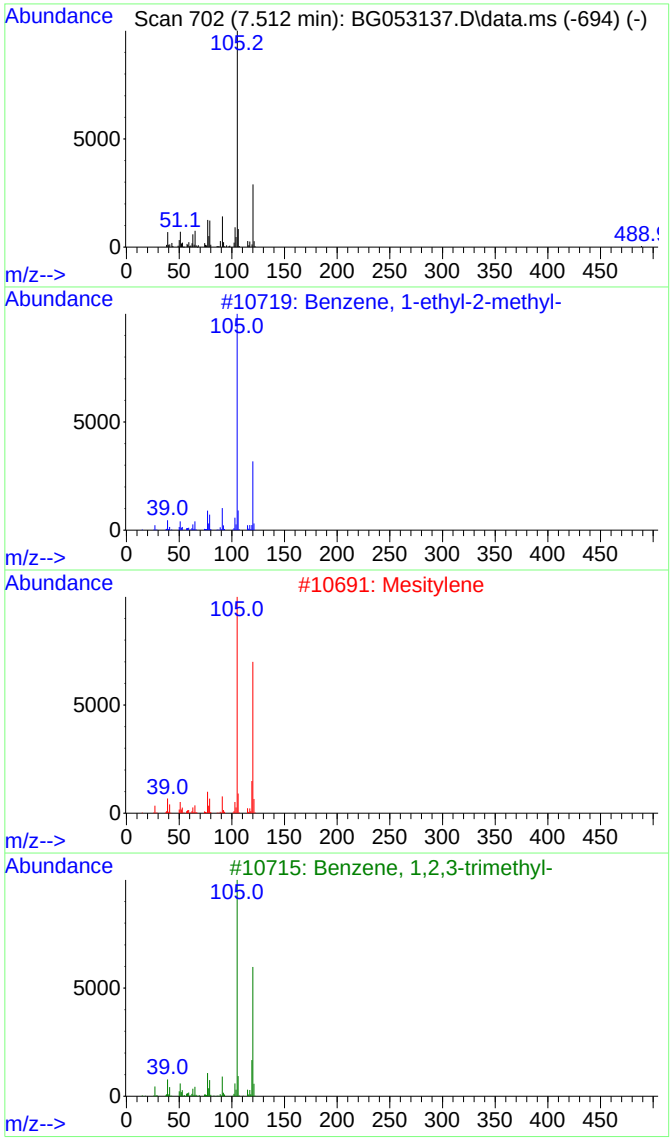
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

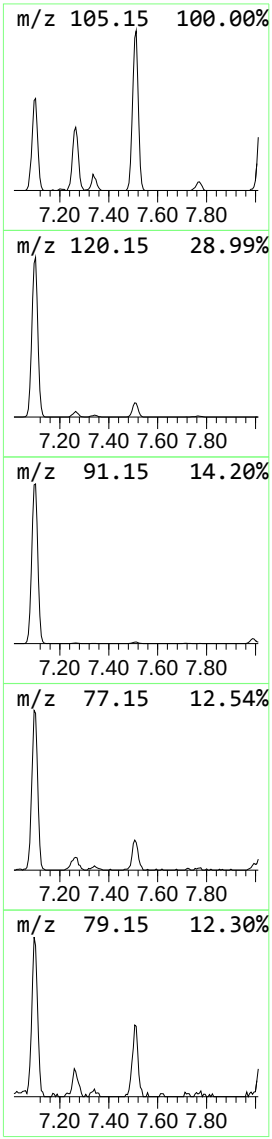
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.512	17.17 ng	194097	1,4-Dichlorobenzene-d4	8.117

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

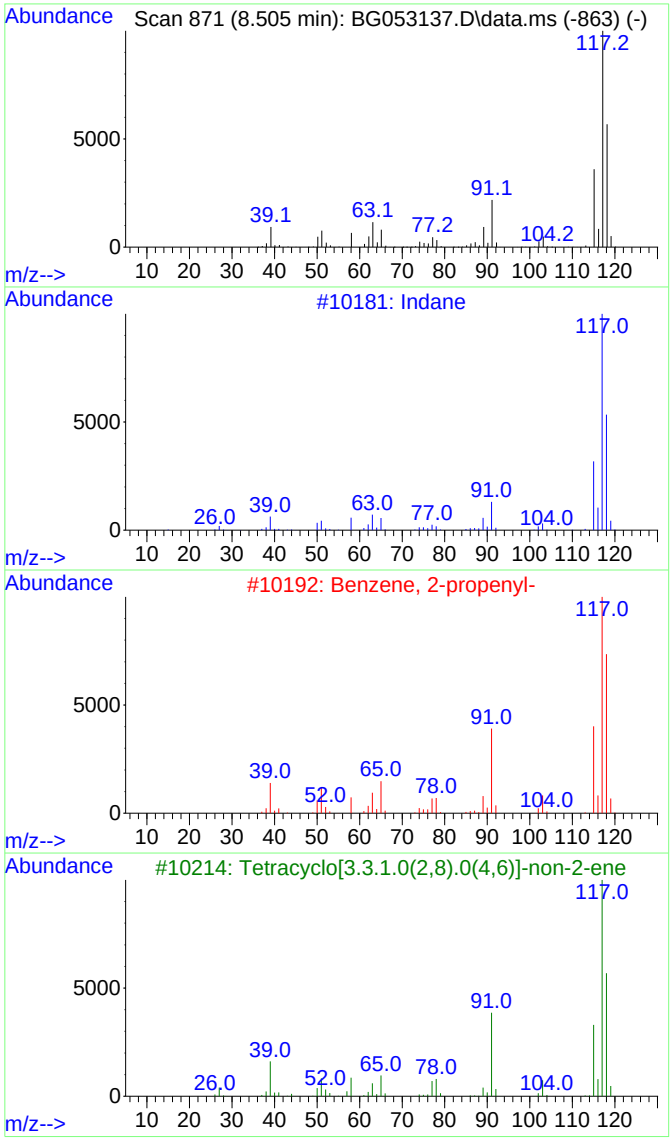
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

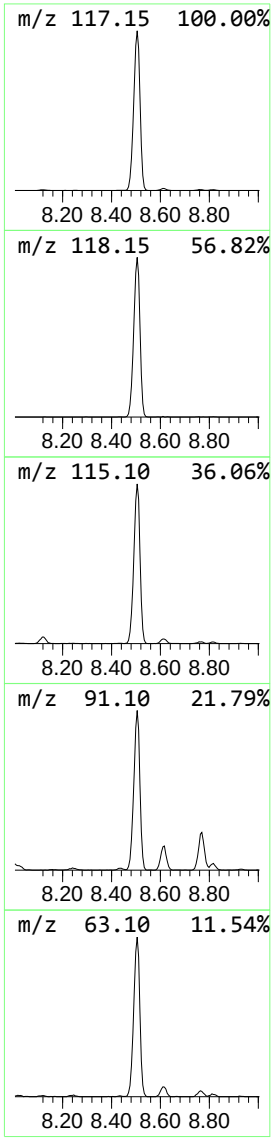
****

Peak Number 11 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.505	432.88 ng	4892620	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

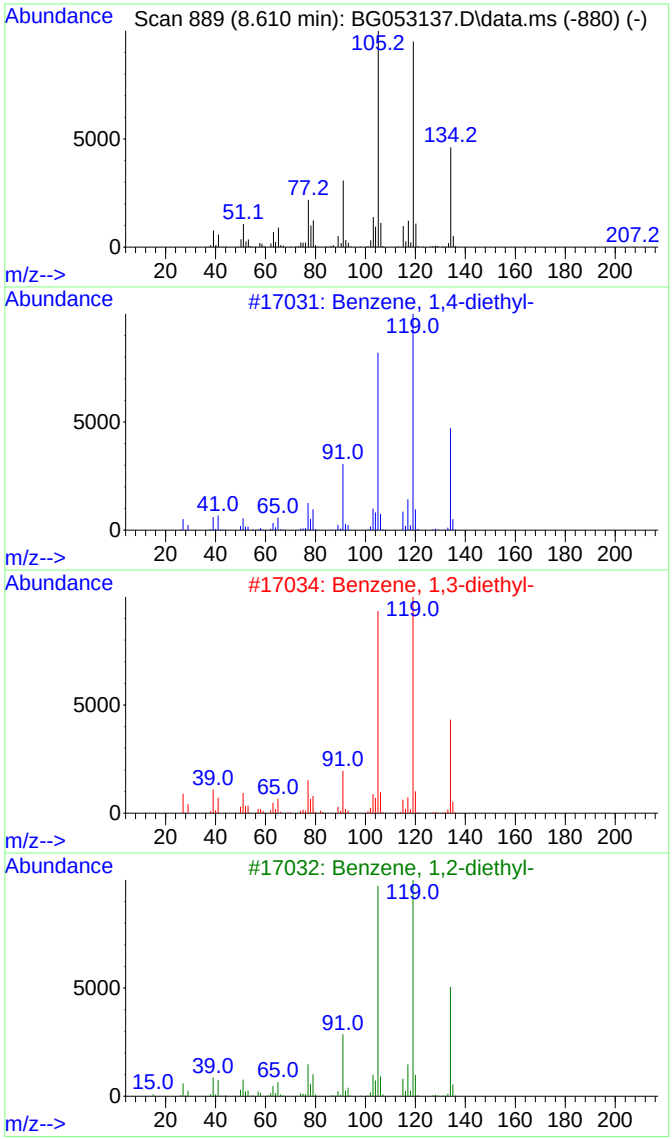
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

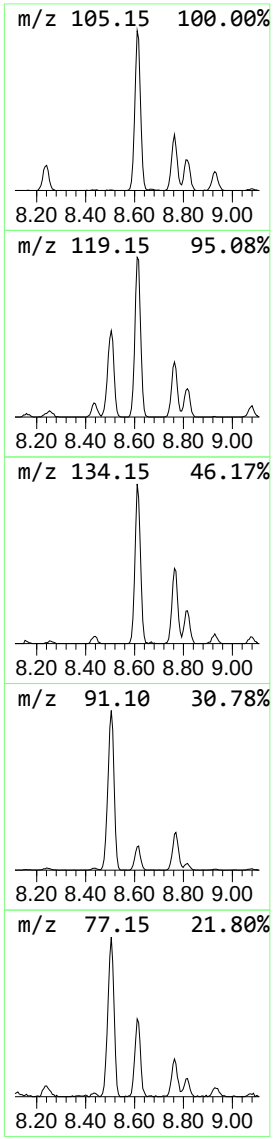
****

Peak Number 12 Benzene, 1,4-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.610	58.50 ng	661154	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	97
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
5	o-Cymene	134	C10H14	000527-84-4	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

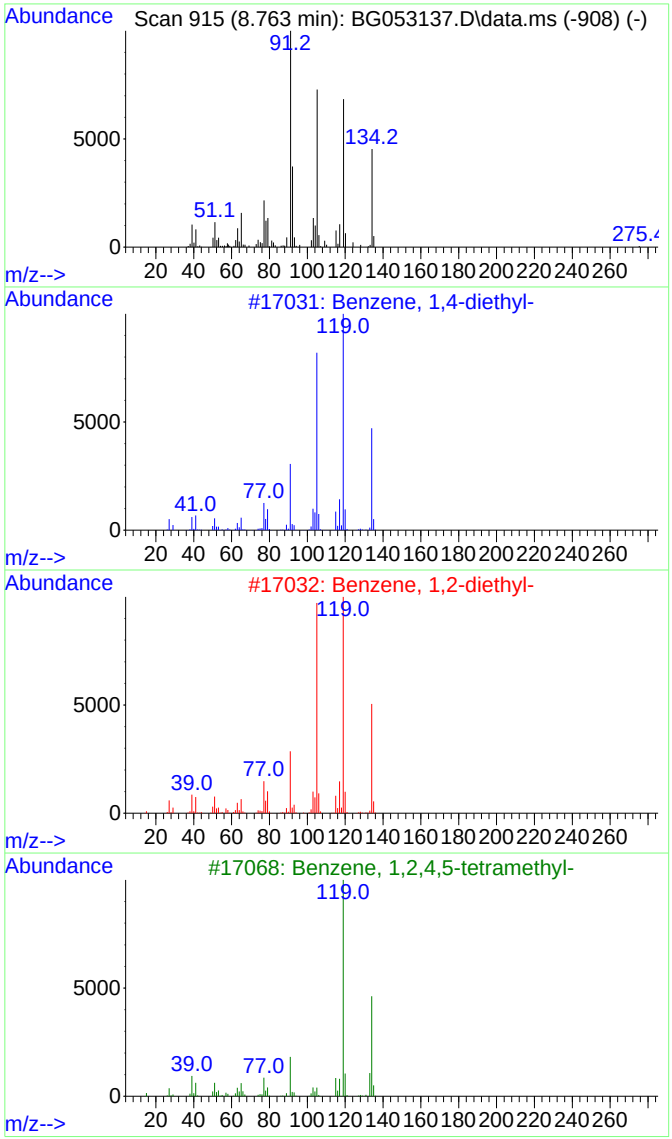
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

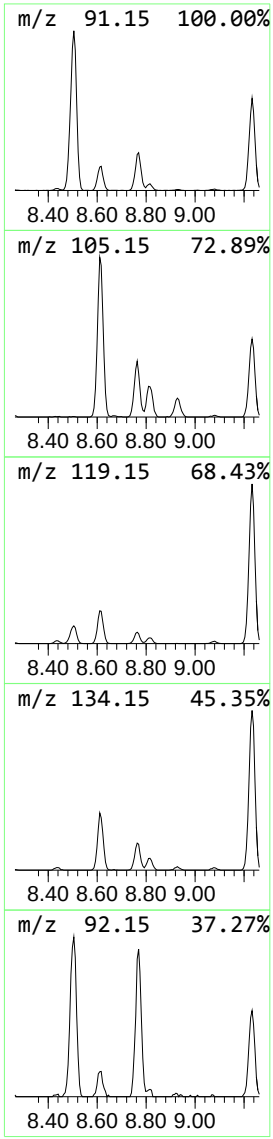
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 1,2-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.763	34.10 ng	385419	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	89
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	81
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

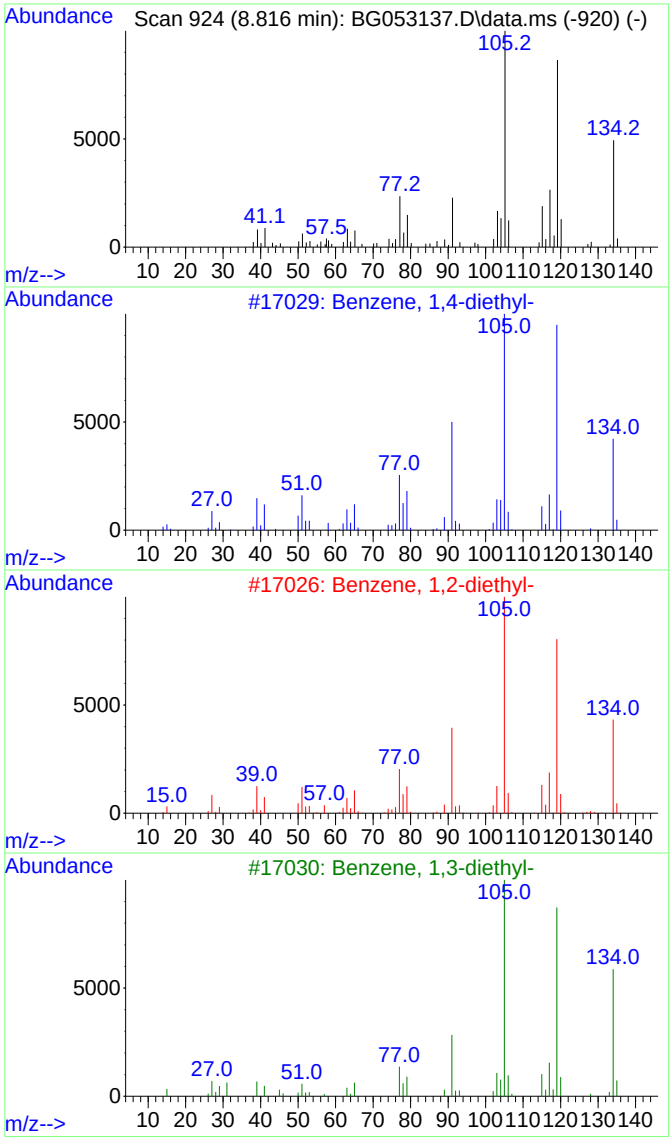
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

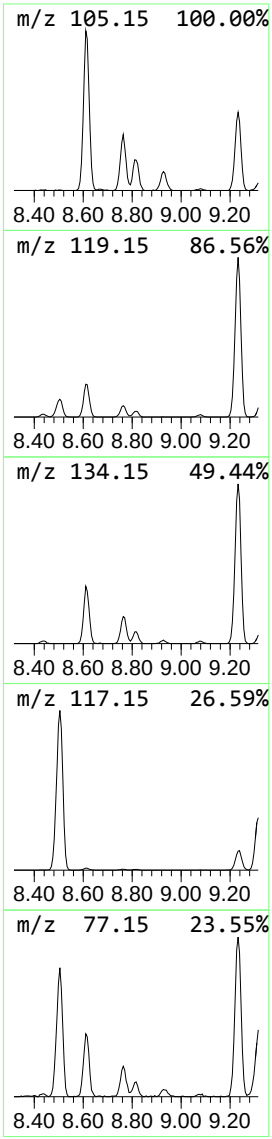
****

Peak Number 14 Benzene, 1,3-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.816	12.98 ng	146670	1,4-Dichlorobenzene-d4	8.117

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	91
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	80
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	64
5	o-Cymene	134	C10H14	000527-84-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

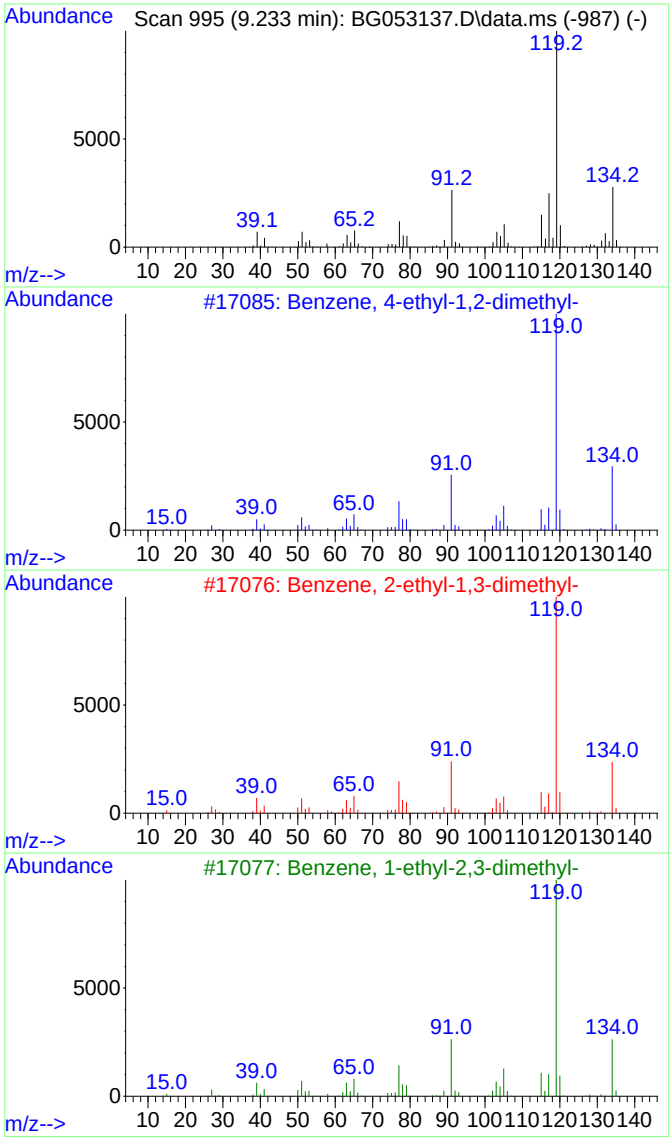
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

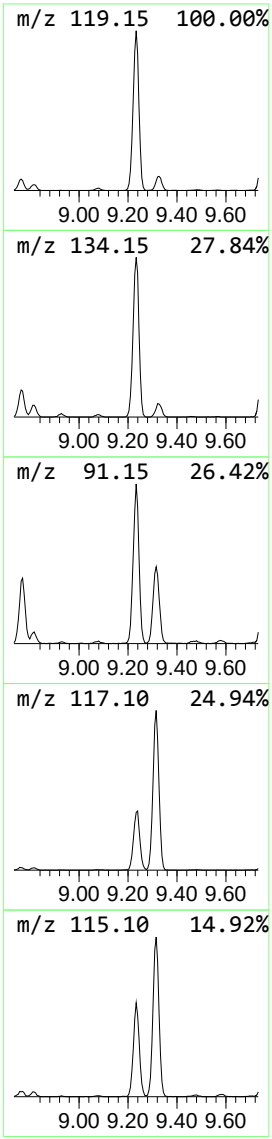
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.233	206.45 ng	2333430	1,4-Dichlorobenzene-d4	8.117

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-1,3-dimethyl-	134	C10H14	002870-04-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

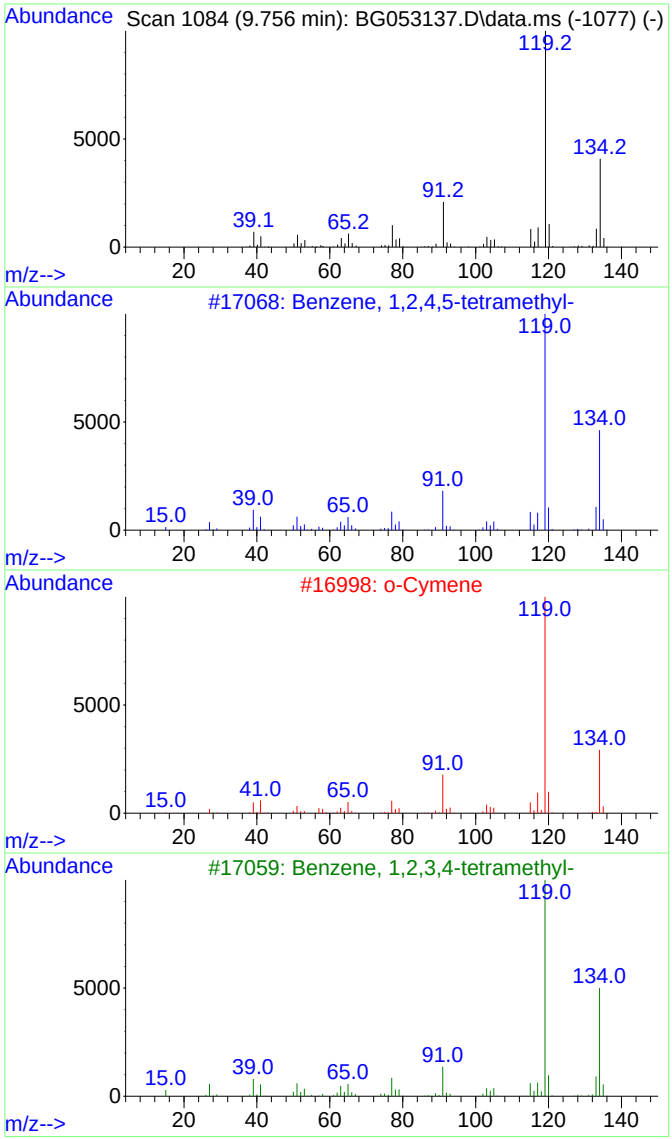
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

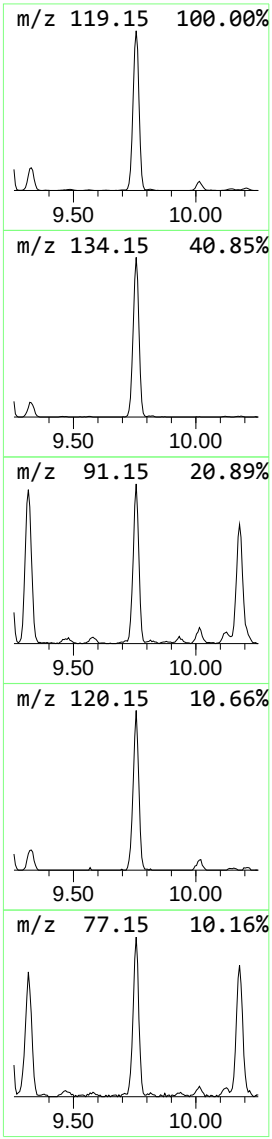
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.756	30.55 ng	1213430	Naphthalene-d8	10.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	o-Cymene	134	C10H14	000527-84-4	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

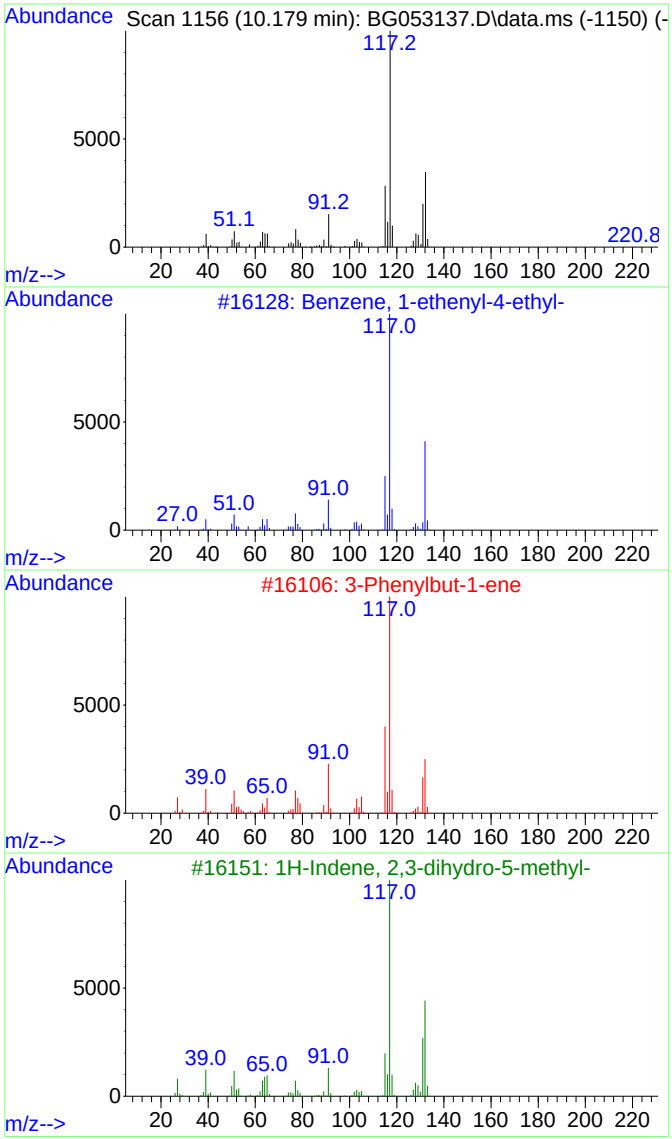
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

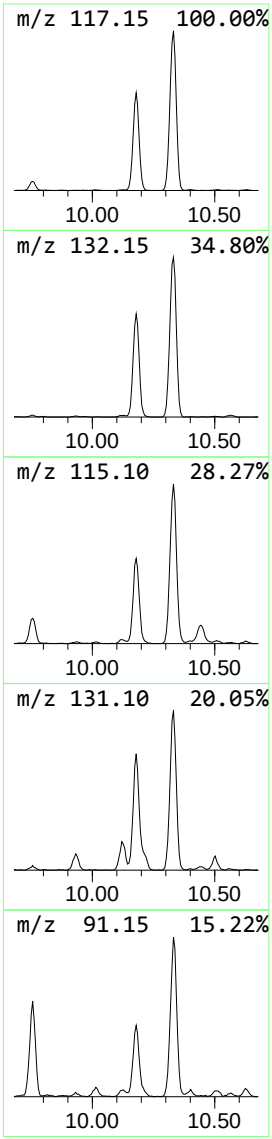
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.179	36.93 ng	1466820	Naphthalene-d8	10.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	90
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

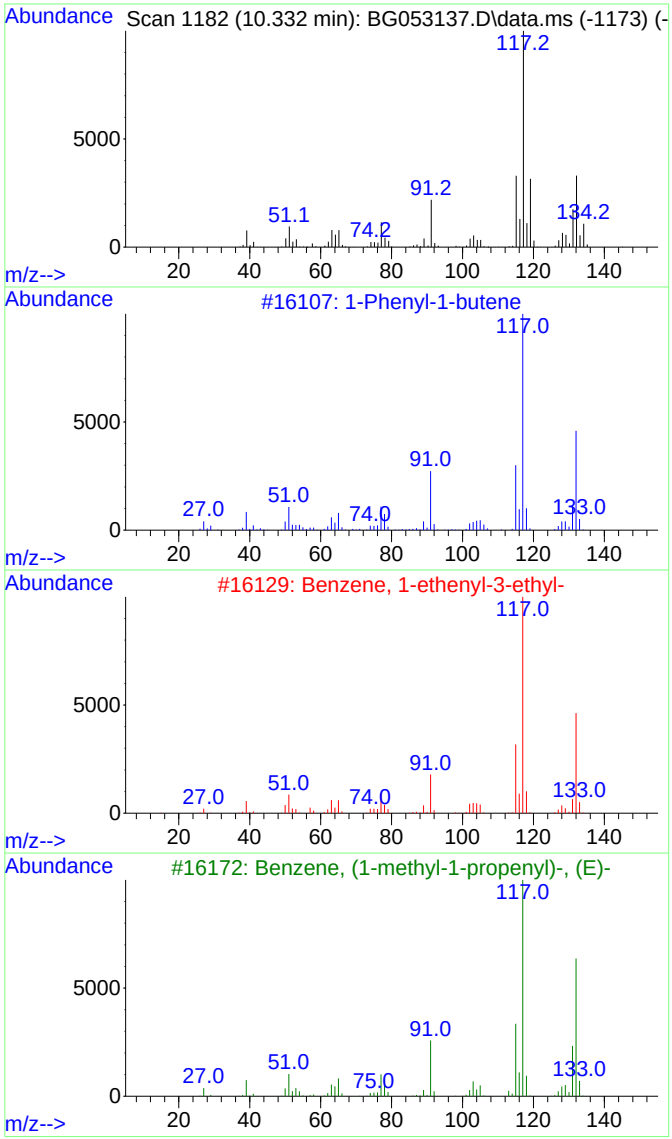
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

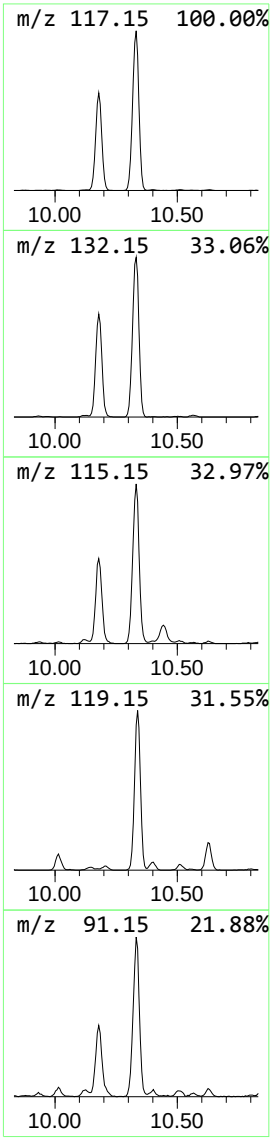
****

Peak Number 18 1-Phenyl-1-butene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.332	75.02 ng	2979540	Naphthalene-d8	10.931

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	93
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	90
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

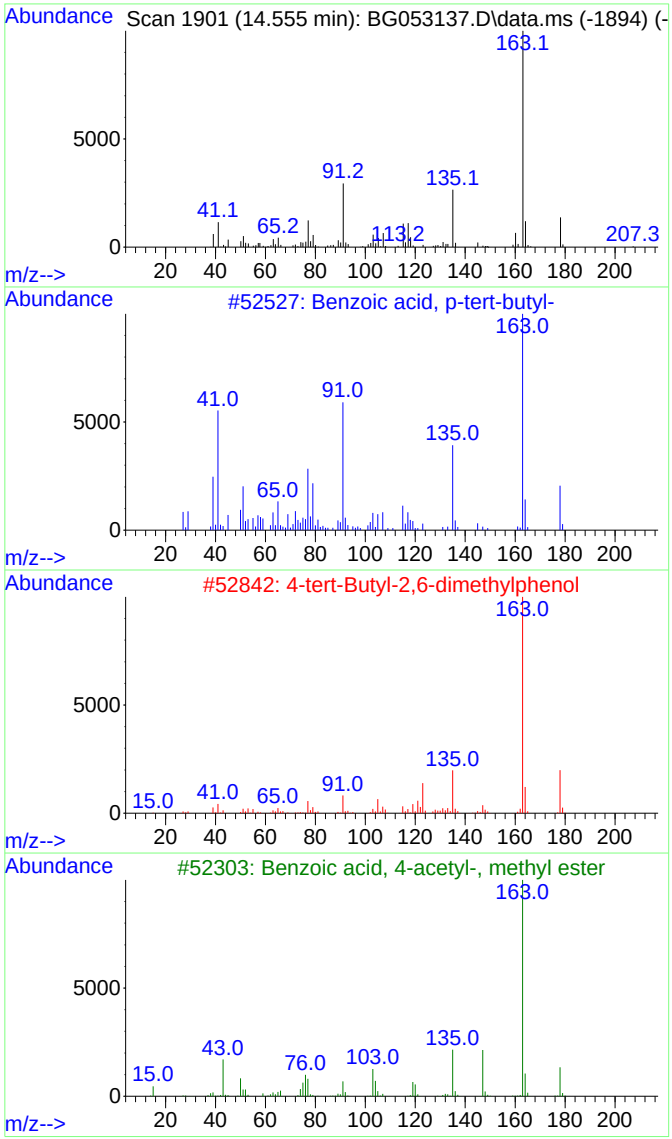
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

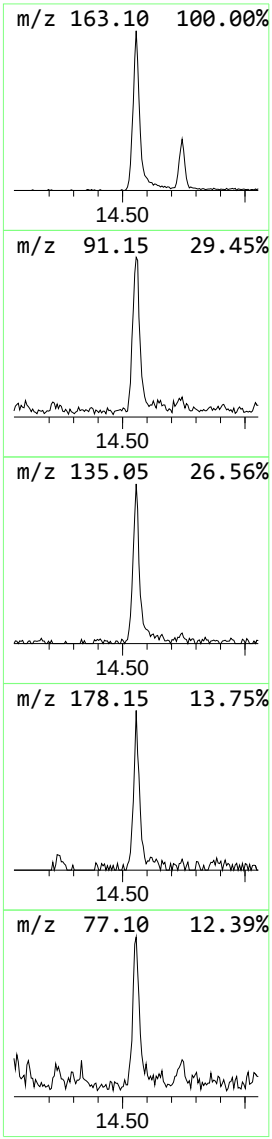
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzoic acid, p-tert-butyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.555	11.62 ng	285871	Acenaphthene-d10	14.743

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	90
2	4-tert-Butyl-2,6-dimethylphenol	178	C12H18O	000879-97-0	64
3	Benzoic acid, 4-acetyl-, methyl ...	178	C10H10O3	003609-53-8	64
4	Benzaldehyde, 5-(1,1-dimethyleth...	178	C11H14O2	002725-53-3	58
5	Benzonitrile, 2,4-dimethoxy-	163	C9H9NO2	004107-65-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

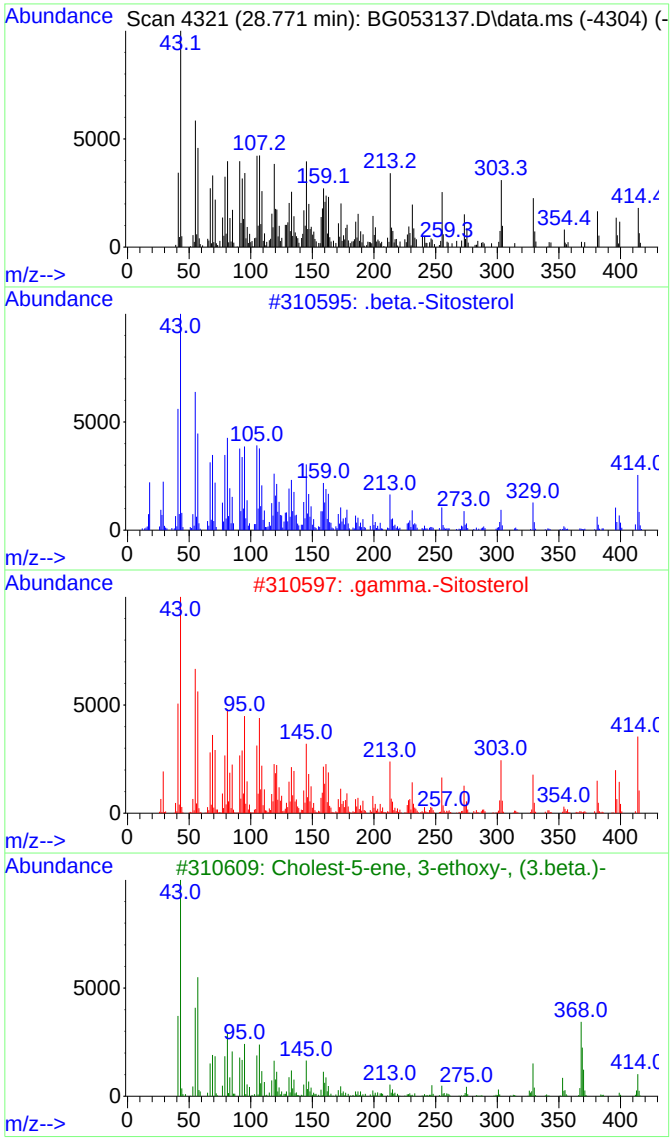
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

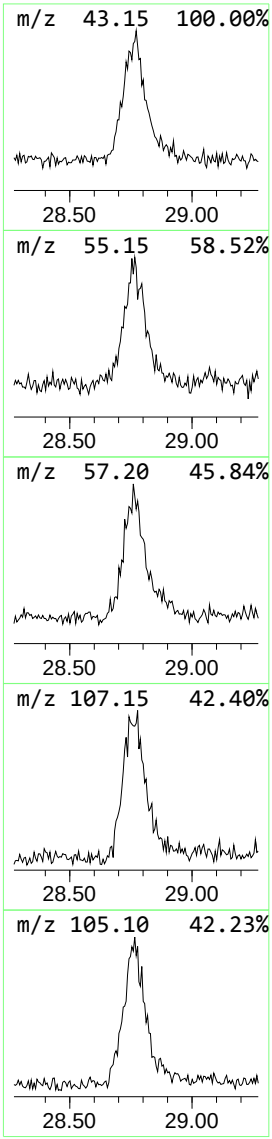
****

Peak Number 20 .beta.-Sitosterol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.771	30.90 ng	1008010	Perylene-d12	25.065

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Sitosterol	414	C29H50O	000083-46-5	98
2	.gamma.-Sitosterol	414	C29H50O	000083-47-6	92
3	Cholest-5-ene, 3-ethoxy-, (3.bet...	414	C29H50O	000986-19-6	55
4	(3S,8S,9S,10R,13R,14S,17R)-17-((...	414	C29H50O	029365-29-5	50
5	Ergosta-5,22-dien-3-ol, (3.beta....	398	C28H46O	000474-67-9	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053137.D
Acq On : 13 Apr 2022 14:08
Operator : CG/JU
Sample : N2334-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TWO-INCH-WELL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.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
unknown3.805	3.805	11.9	ng	134777	1	8.117	226052	20.0
Cyclobutane, (1...	4.069	18.3	ng	207256	1	8.117	226052	20.0
Cyclohexene, 1-...	4.334	20.5	ng	231355	1	8.117	226052	20.0
Di-sec-Butyl ether	4.539	16.1	ng	182112	1	8.117	226052	20.0
3-Pentanol, 3-e...	4.598	21.5	ng	243272	1	8.117	226052	20.0
Benzene, (1-met...	6.607	84.5	ng	954477	1	8.117	226052	20.0
Benzene, propyl-	7.101	192.4	ng	2174760	1	8.117	226052	20.0
Benzene, 1-ethy...	7.512	17.2	ng	194097	1	8.117	226052	20.0
Indane	8.505	432.9	ng	4892620	1	8.117	226052	20.0
Benzene, 1,4-di...	8.610	58.5	ng	661154	1	8.117	226052	20.0
Benzene, 1,2-di...	8.763	34.1	ng	385419	1	8.117	226052	20.0
Benzene, 1,3-di...	8.816	13.0	ng	146670	1	8.117	226052	20.0
Benzene, 4-ethy...	9.233	206.4	ng	2333430	1	8.117	226052	20.0
Benzene, 1,2,4,...	9.756	30.6	ng	1213430	2	10.931	794302	20.0
Benzene, 1-ethe...	10.179	36.9	ng	1466820	2	10.931	794302	20.0
1-Phenyl-1-butene	10.332	75.0	ng	2979540	2	10.931	794302	20.0
Benzoic acid, p...	14.555	11.6	ng	285871	3	14.743	492070	20.0
.beta.-Sitosterol	28.771	30.9	ng	1008010	6	25.065	652533	20.0