LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045814.D
Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.147	4	10	19	rVB2	143084	400964	1.69%	0.264%
2	3.717	95	107	117	rBV	10149705	23689214	100.00%	15.578%
3	3.828	119	126	136	rVB6	197612	663619	2.80%	0.436%
4	3.928	136	143	162	rVB	867847	1733625	7.32%	1.140%
5	4.099	162	172	183	rBV	7490569	16564873	69.93%	10.893%
6	4.204	184	190	197	rBV5	89197	298137	1.26%	0.196%
7	4.533	239	246	259	rVB2	216353	436997	1.84%	0.287%
8	5.033	303	331	337	rBV4	288772	1500451	6.33%	0.987%
9	5.226	357	364	371	rBV	1436388	2921227	12.33%	1.921%
10	5.420	391	397	406	rVB	1191815	2089470	8.82%	1.374%
11	5.555	406	420	430	rBV	1983016	5246585	22.15%	3.450%
12	5.667	430	439	442	rVB	110919	319027	1.35%	0.210%
13	5.926	473	483	492	rBV	1670049	2906399	12.27%	1.911%
14	6.407	558	565	570	rBV2	106522	239026	1.01%	0.157%
15	6.625	573	602	605	rVV3	238536	1663807	7.02%	1.094%
16	6.701	605	615	619	rVB	113478	249291	1.05%	0.164%
17	6.895	641	648	655	rBV	159923	275852	1.16%	0.181%
18	7.006	655	667	672	rBV	532340	901415	3.81%	0.593%
19	7.065	672	677	682	rBV	241703	410795	1.73%	0.270%
20	7.147	682	691	695	rBV2	815525	1805248	7.62%	1.187%
21	7.241	703	707	712	rBV	156315	308580	1.30%	0.203%
22	7.570	755	763	772	rVB	1647222	2791981	11.79%	1.836%
23	7.805	795	803	809	rBV2	300875	634587	2.68%	0.417%
24	7.923	816	823	824	rBV	187149	303234	1.28%	0.199%
25	7.952	824	828	834	rVB2	683138	1148830	4.85%	0.755%
26	8.034	834	842	849	rBV	931317	1936150	8.17%	1.273%
27	8.281	862	884	891	rBV2	4222095	9636452	40.68%	6.337%
28	8.369	891	899	902	rVV3	155515	405932	1.71%	0.267%
29	8.416	902	907	912	rVB	806350	1356164	5.72%	0.892%
30	8.557	925	931	936	rBV	188621	351745	1.48%	0.231%
31	8.763	955	966	972	rVV	2986409	6920375	29.21%	4.551%
32	9.033	1006	1012	1016	rBV3	177008	345527	1.46%	0.227%
33	9.086	1016	1021	1032	rVB	507314	1079887	4.56%	0.710%
34	9.368	1059	1069	1073	rBV5	246385	689427	2.91%	0.453%

LSC Area Percent Report

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Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.573	1098	1104	1108	rBV3	114119	285334	1.20%	0.188%
36	9.732	1127	1131	1136	rVV	163460	288699	1.22%	0.190%
37	9.785	1136	1140	1145	rVV2	145750	249664	1.05%	0.164%
38	9.938	1157	1166	1167	rBV4	207636	321563	1.36%	0.211%
39	9.967	1167	1171	1181	rVB	449459	834088	3.52%	0.548%
40	10.132	1188	1199	1204	rBV4	244275	817262	3.45%	0.537%
41	10.237	1204	1217	1220	rVV2	2014914	6956673	29.37%	4.575%
42	10.273	1220	1223	1233	rVV	2799927	4332638	18.29%	2.849%
43	10.408	1241	1246	1260	rVB3	403848	982290	4.15%	0.646%
44	10.525	1260	1266	1273	rBV2	162827	267875	1.13%	0.176%
45	10.643	1280	1286	1294	rBV3	694204	1344635	5.68%	0.884%
46	10.725	1295	1300	1303	rVV	198299	350832	1.48%	0.231%
47	10.778	1303	1309	1317	rVV	1129027	2071844	8.75%	1.362%
48	11.124	1360	1368	1374	rVV	472278	886700	3.74%	0.583%
49	11.301	1394	1398	1406	rVB	206943	362862	1.53%	0.239%
50	11.412	1406	1417	1424	rBV3	402622	1487347	6.28%	0.978%
51	11.606	1442	1450	1467	rBV2	1841154	3894632	16.44%	2.561%
52	11.841	1485	1490	1493	rVV4	138031	250977	1.06%	0.165%
53	11.888	1493	1498	1507	rVV3	167703	421379	1.78%	0.277%
54	12.117	1533	1537	1545	rVB2	148165	277891	1.17%	0.183%
55	12.387	1576	1583	1590	rVB2	244115	540010	2.28%	0.355%
56	12.611	1616	1621	1626	rBV3	328653	593856	2.51%	0.391%
57	12.799	1648	1653	1665	rVB2	138313	303392	1.28%	0.200%
58	12.928	1670	1675	1682	rBV6	108553	280062	1.18%	0.184%
59	13.157	1706	1714	1717	rBV	1476010	2706615	11.43%	1.780%
60	13.192	1717	1720	1729	rVB	1448018	2109736	8.91%	1.387%
61	13.421	1752	1759	1765	rVB	2620946	4850521	20.48%	3.190%
62	13.803	1815	1824	1831	rVB	648725	1577224	6.66%	1.037%
63	13.879	1831	1837	1842	rBV4	171445	329398	1.39%	0.217%
64	14.020	1857	1861	1873	rVB	232191	413497	1.75%	0.272%
65	14.567	1945	1954	1968	rVB3	419554	917116	3.87%	0.603%
66	15.184	2054	2059	2066	rVB	287041	417426	1.76%	0.274%
67	15.383	2075	2093	2102	rBV2	1759002	5838382	24.65%	3.839%
68	16.071	2203	2210	2215	rBV	1166960	1781217	7.52%	1.171%
69	16.200	2226	2232	2241	rBV3	245066	450173	1.90%	0.296%
70	16.294	2241	2248	2254	rBV2	325729	639145	2.70%	0.420%
71	16.552	2280	2292	2297	rBV	225618	616747	2.60%	0.406%

LSC Area Percent Report

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Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

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-BG061520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	17.316	2416	2422	2433	rVB	470631	776075	3.28%	0.510%
73	18.156	2560	2565	2572	rVB	368496	545143	2.30%	0.358%
74	18.232	2573	2578	2588	rBV	531012	813331	3.43%	0.535%
75	18.508	2620	2625	2634	rBV3	223324	373279	1.58%	0.245%
76	19.495	2789	2793	2804	rBV	200147	324927	1.37%	0.214%
77	19.766	2834	2839	2847	rVB	388324	633642	2.67%	0.417%
78	19.936	2862	2868	2875	rBV	2524951	3347794	14.13%	2.201%
79	21.234	3084	3089	3096	rBV	227706	371347	1.57%	0.244%
80	21.575	3141	3147	3155	rVB	475551	743393	3.14%	0.489%
81	24.700	3669	3679	3690	rBV	296542	866807	3.66%	0.570%

Sum of corrected areas: 152070333

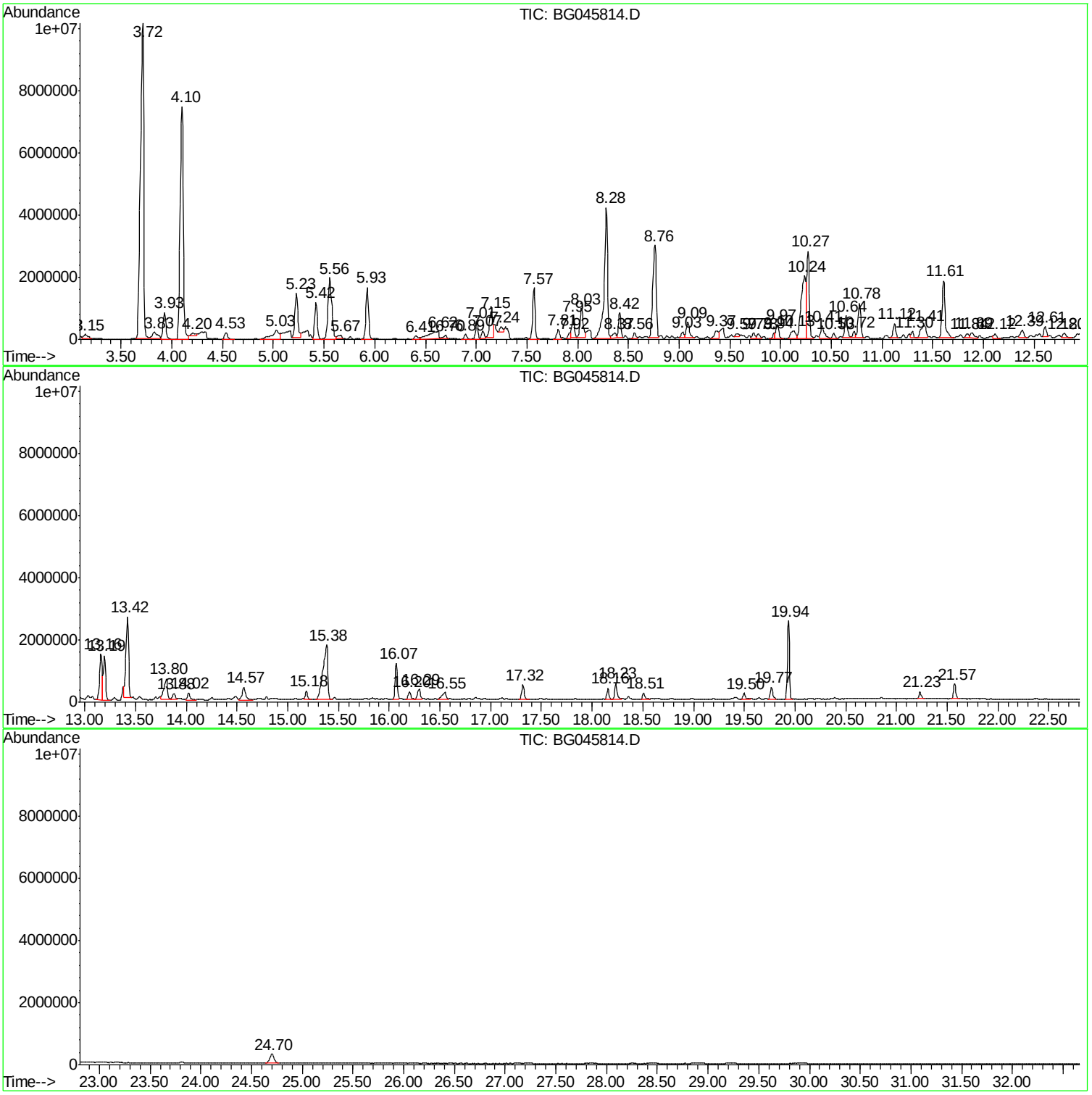
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045814.D
Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045814.D
Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

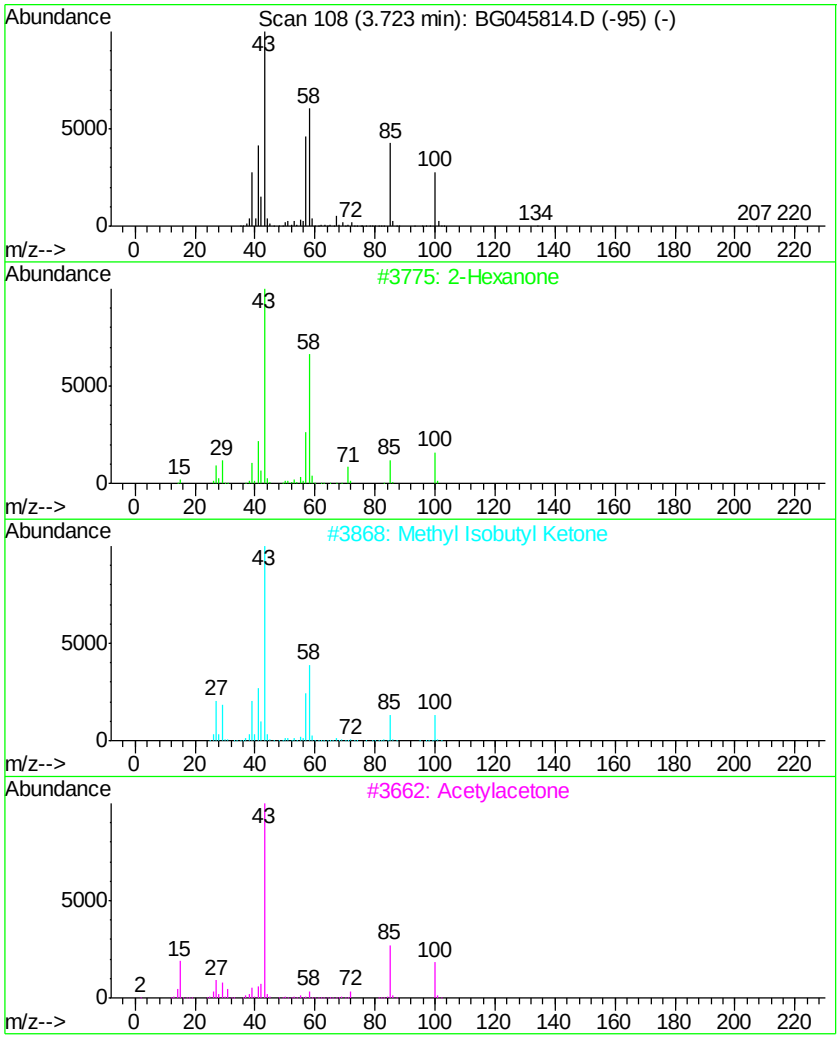
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

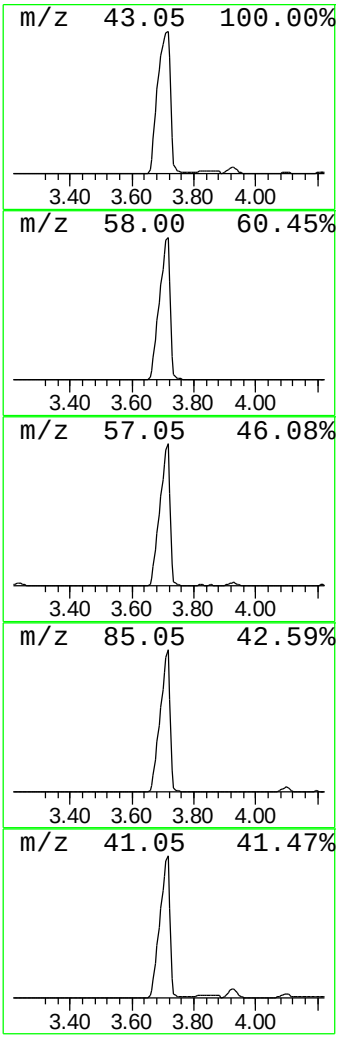
****

Peak Number 1 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	1562.44 ng	23689200	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	53
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	52
3	Acetylacetone	100	C5H8O2	000123-54-6	47
4	Piperazine, 1-methyl-	100	C5H12N2	000109-01-3	43
5	Ether,1- propenyl propyl	100	C6H12O	003424-89-3	38





Library Search Compound Report

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Data File : BG045814.D
Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

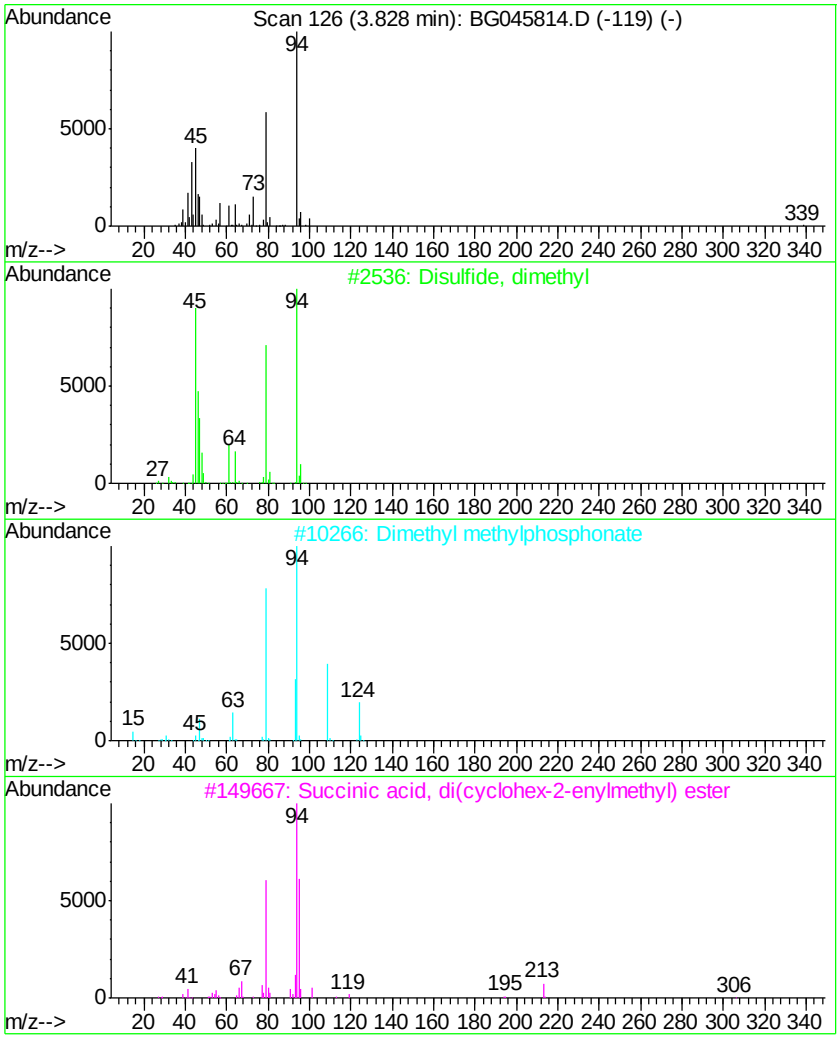
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

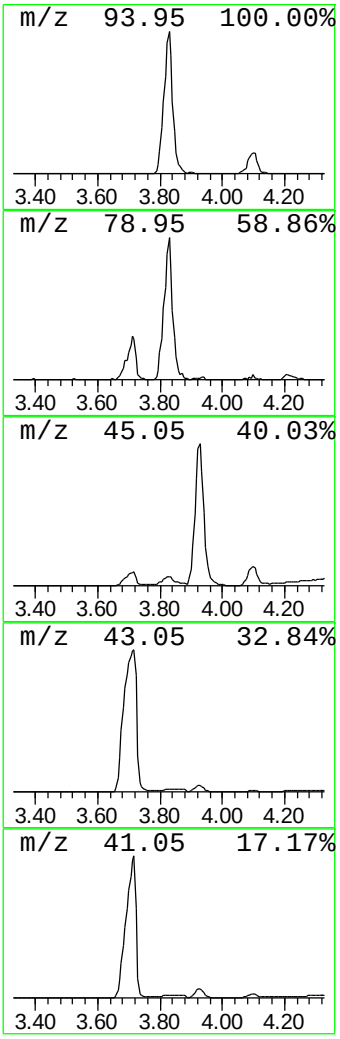
****

Peak Number 2 Disulfide, dimethyl Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	43.77 ng	663619	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, dimethyl	94	C2H6S2	000624-92-0	93
2	Dimethyl methylphosphonate	124	C3H9O3P	000756-79-6	38
3	Succinic acid, di(cyclohex-2-env...	306	C18H26O4	1000330-19-3	25
4	S-(2,2,2-Trifluoroethyl) methane...	194	C3H5F3O2S2	069466-44-0	10
5	Carbonic acid, heptyl phenyl ester	236	C14H20O3	1000314-57-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
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Operator : CG/JU
Sample : L3033-04
Misc :
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Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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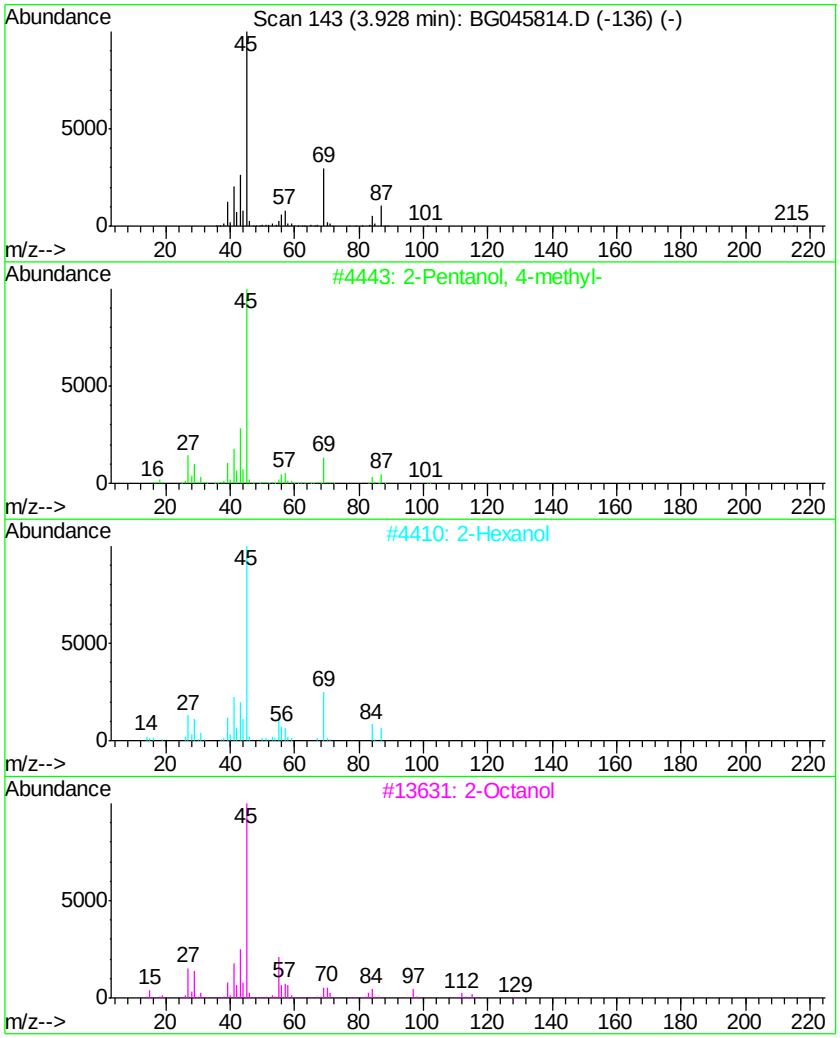
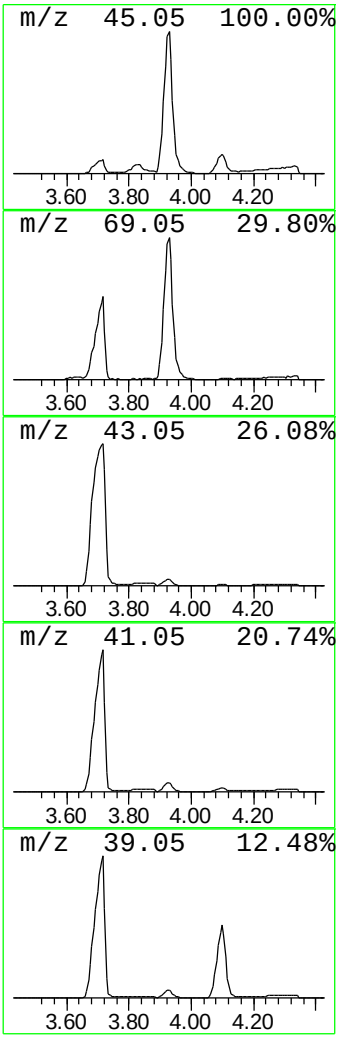
****

Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	114.34 ng	1733630	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2	2-Hexanol	102	C6H14O	000626-93-7	78
3	2-Octanol	130	C8H18O	000123-96-6	72
4	2-Octanol, (S)-	130	C8H18O	006169-06-8	72
5	2-Octanol, (R)-	130	C8H18O	005978-70-1	72





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
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TIC Library : C:\Database\NIST11.L
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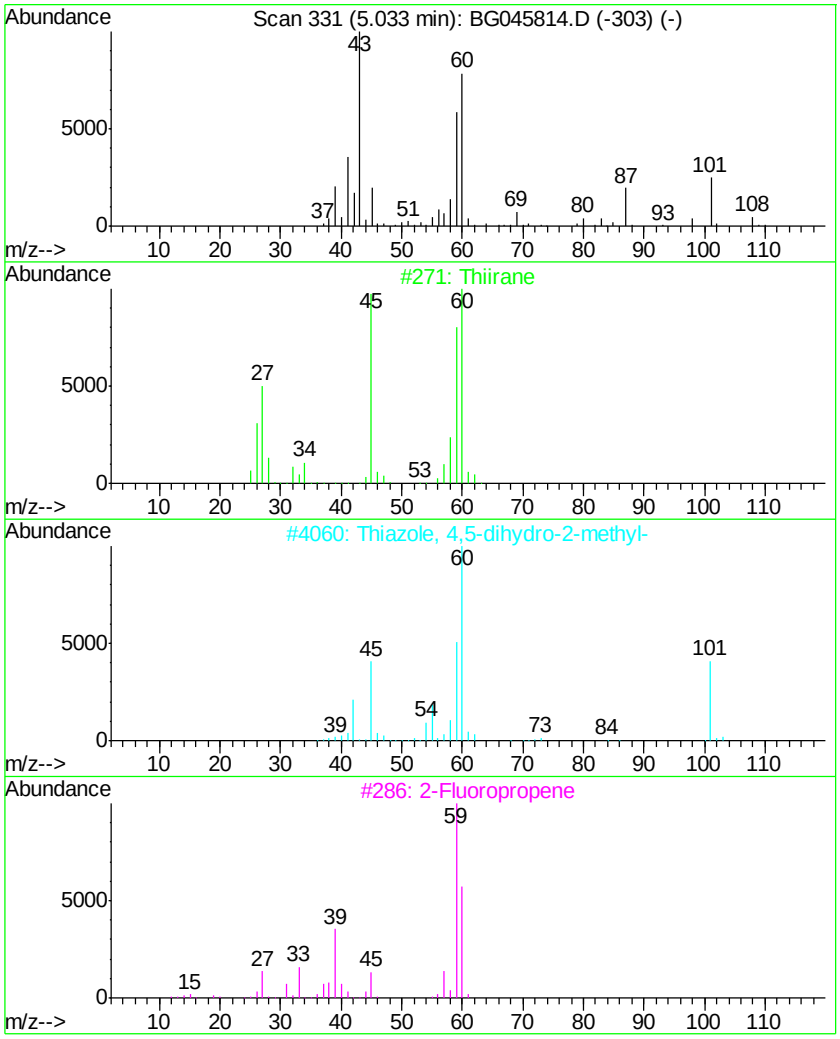
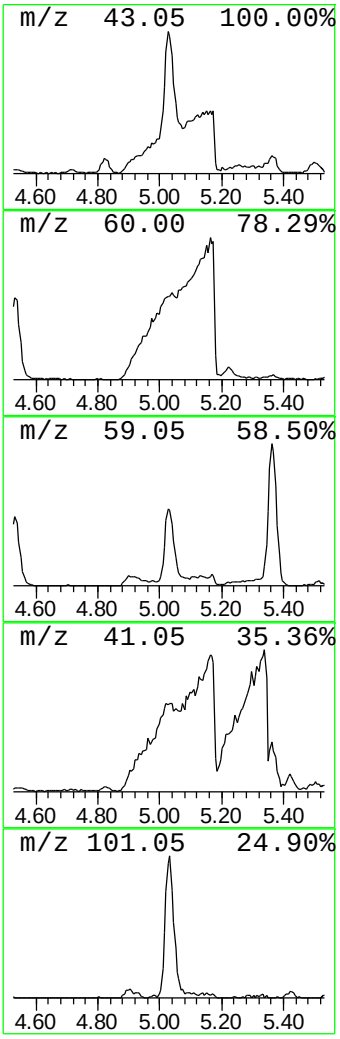
****

Peak Number 5 Thiirane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	98.96 ng	1500450	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiirane	60	C2H4S	000420-12-2	53
2	Thiazole, 4,5-dihydro-2-methyl-	101	C4H7NS	002346-00-1	42
3	2-Fluoropropene	60	C3H5F	001184-60-7	32
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	32
5	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	25





Library Search Compound Report

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Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

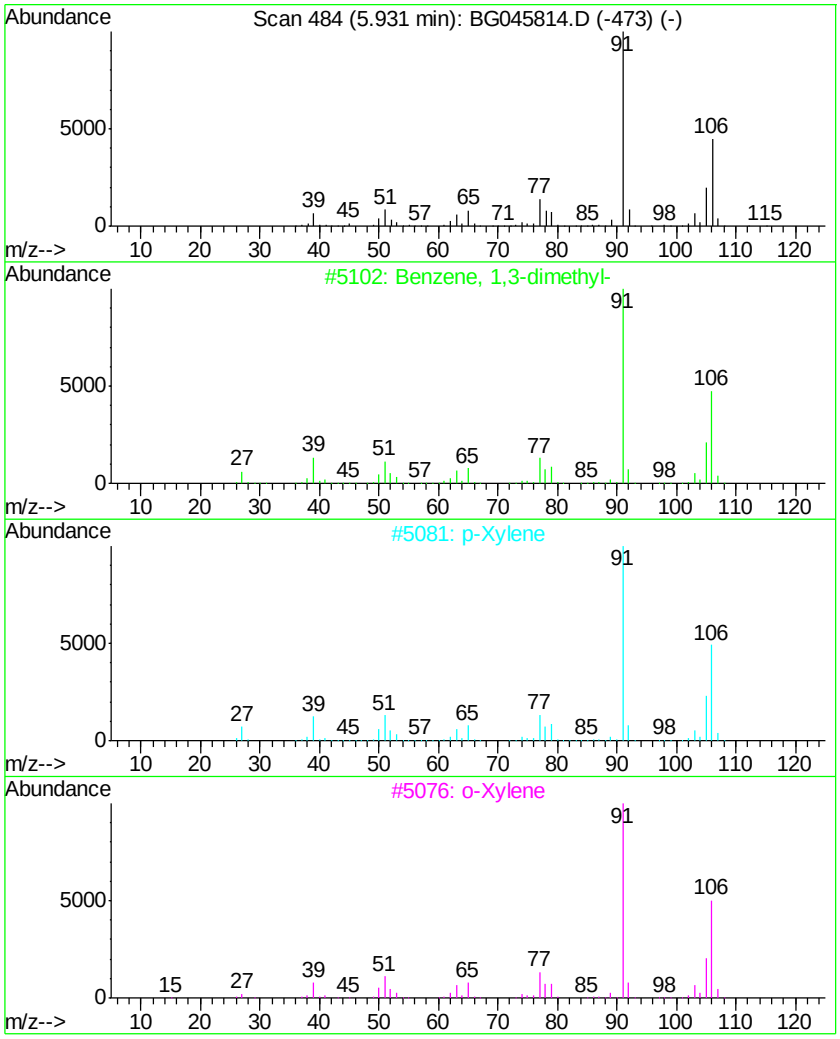
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

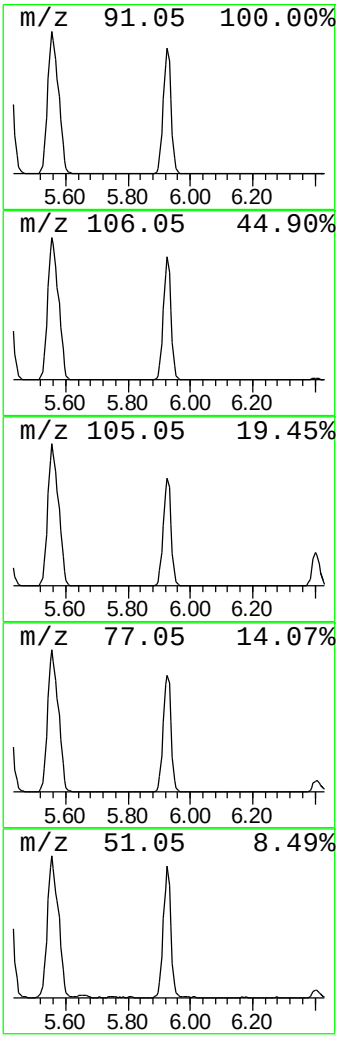
****

Peak Number 8 Benzene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	191.69 ng	2906400	1,4-Dichlorobenzene-d4	7.92

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	Ethylbenzene	106	C8H10	000100-41-4	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061920\
Data File : BG045814.D
Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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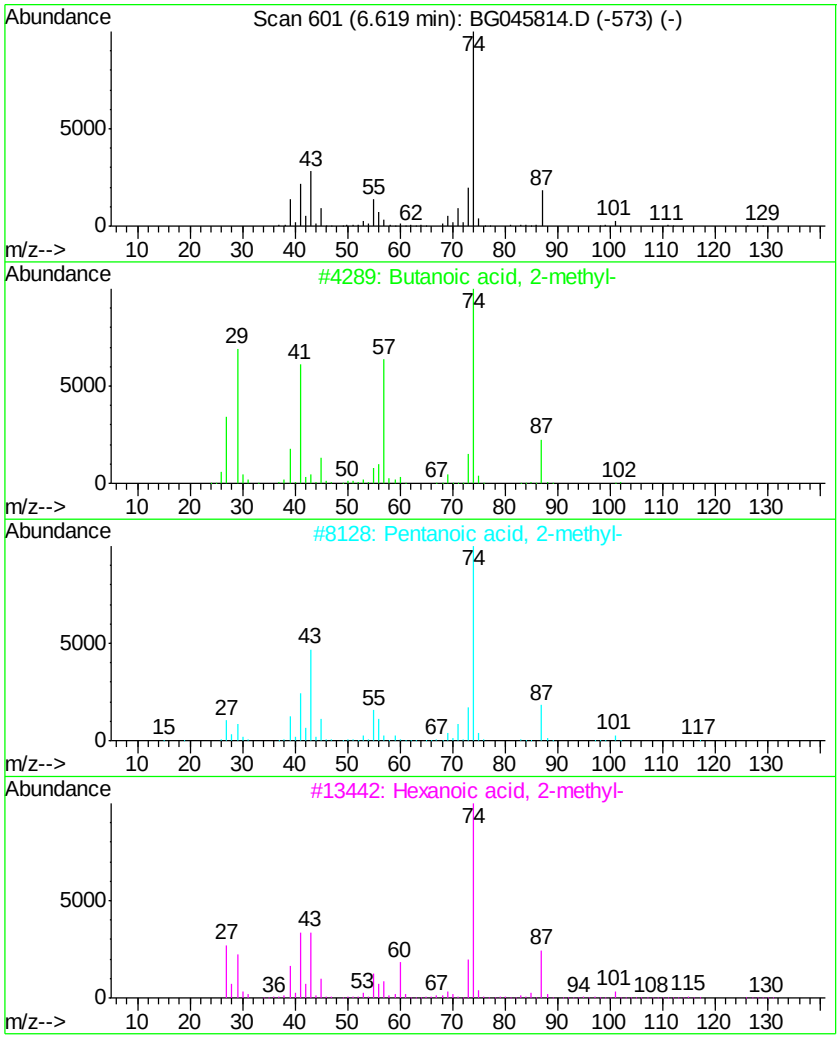
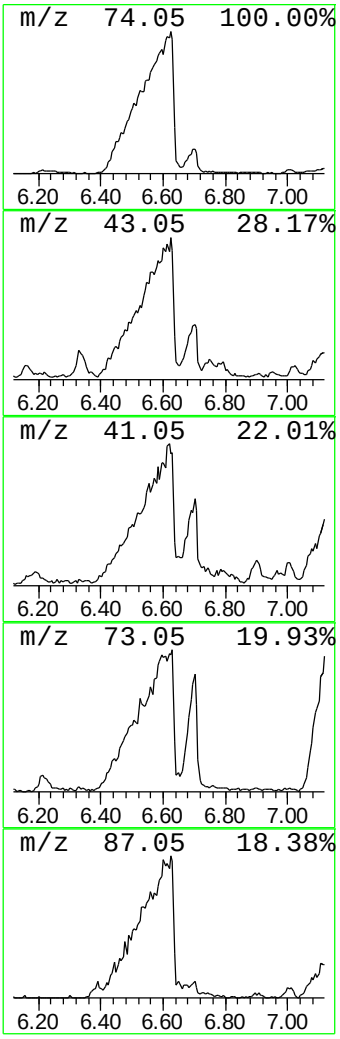
Peak Number 9 Butanoic acid, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	109.74 ng	1663810	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	80
2	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	74
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	64
4	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	39
5	2-Methylheptanoic acid	144	C8H16O2	001188-02-9	39





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Data File : BG045814.D
Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

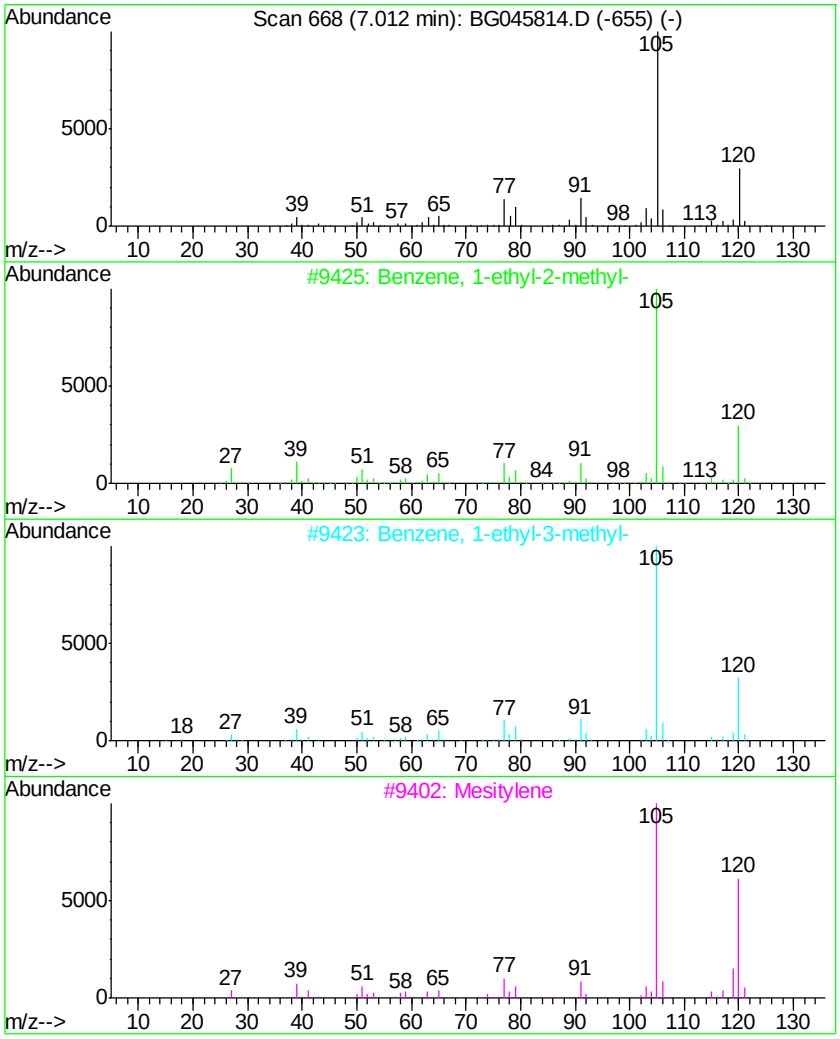
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

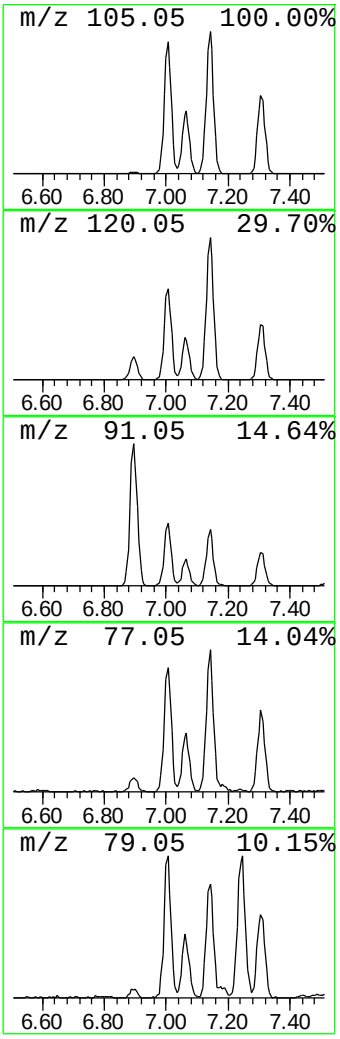
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	59.45 ng	901415	1,4-Dichlorobenzene-d4	7.92

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-3-methyl-	120	C9H12	000620-14-4	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

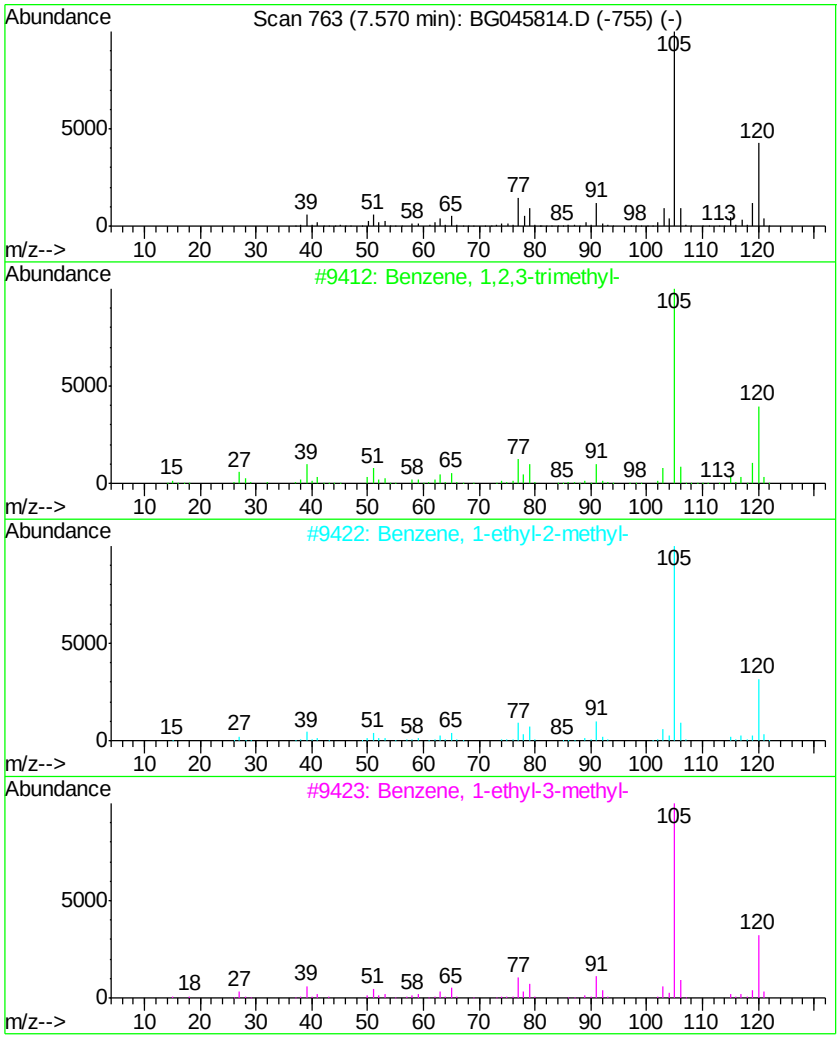
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

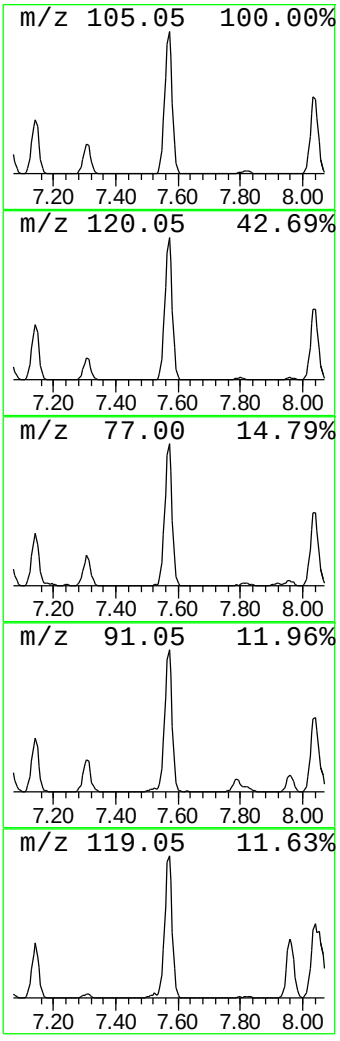
****

Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	184.15 ng	2791980	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Library Search Compound Report

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Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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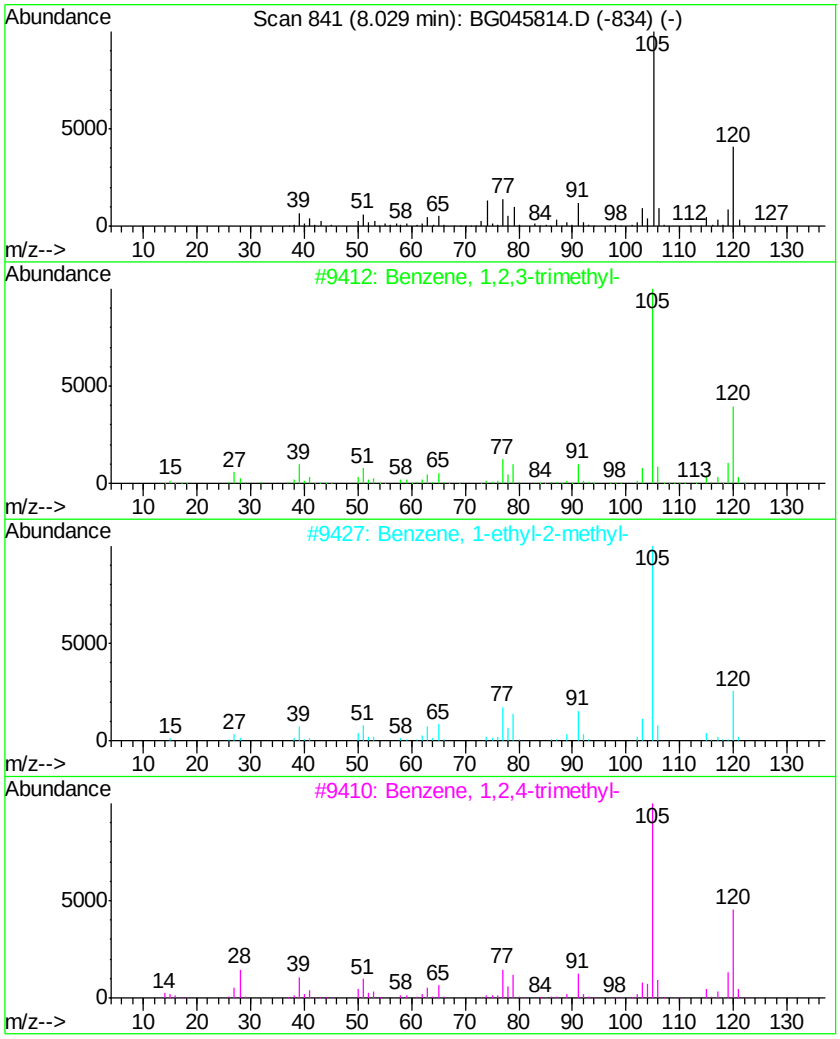
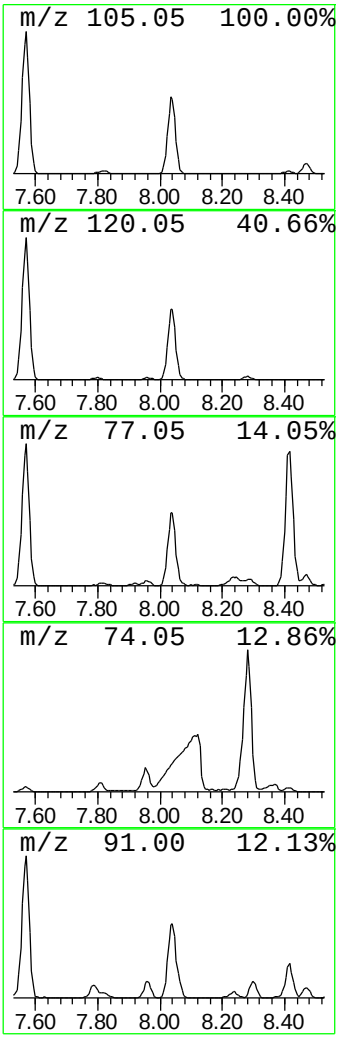
Peak Number 12 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	127.70 ng	1936150	1,4-Dichlorobenzene-d4	7.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





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Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

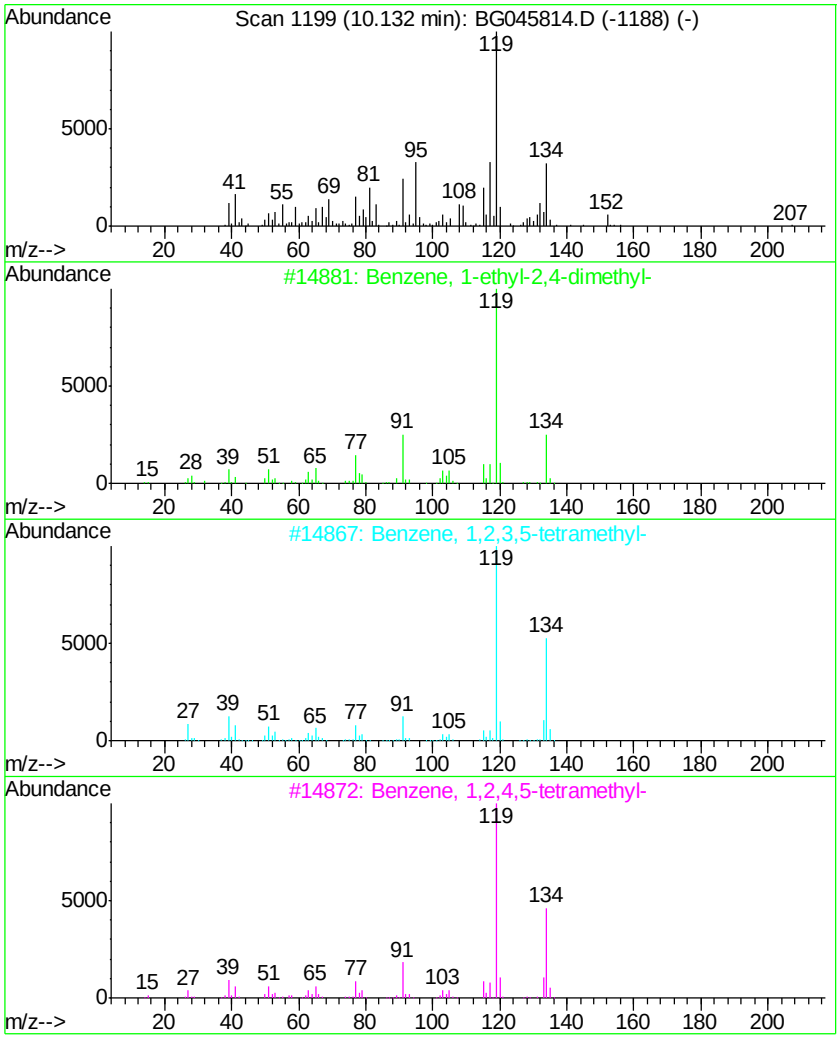
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

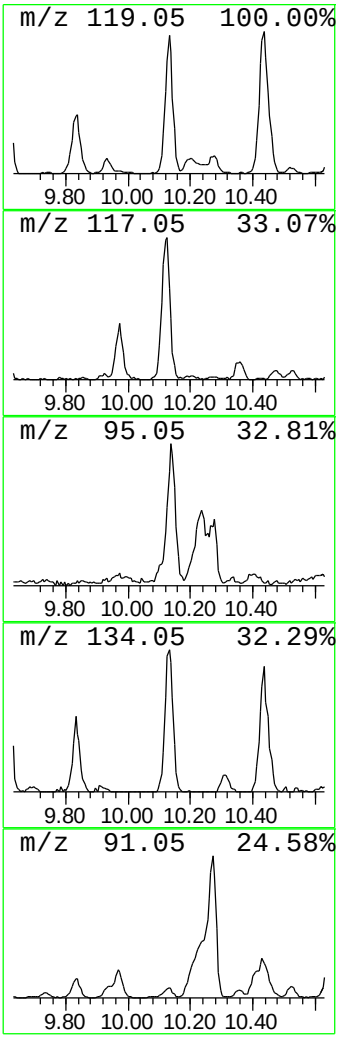
****

Peak Number 13 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.13	46.59 ng	817262	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	64
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	55
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	55
4	p-Cymene	134	C10H14	000099-87-6	55
5	o-Cymene	134	C10H14	000527-84-4	53





Library Search Compound Report

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Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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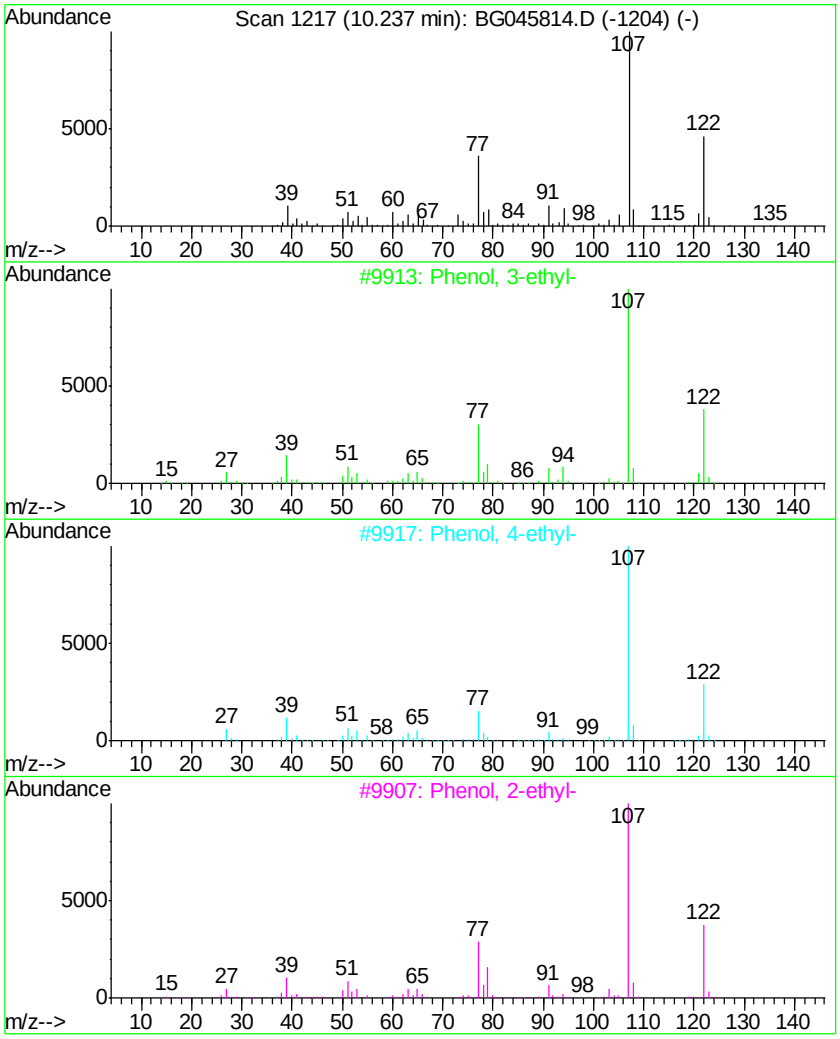
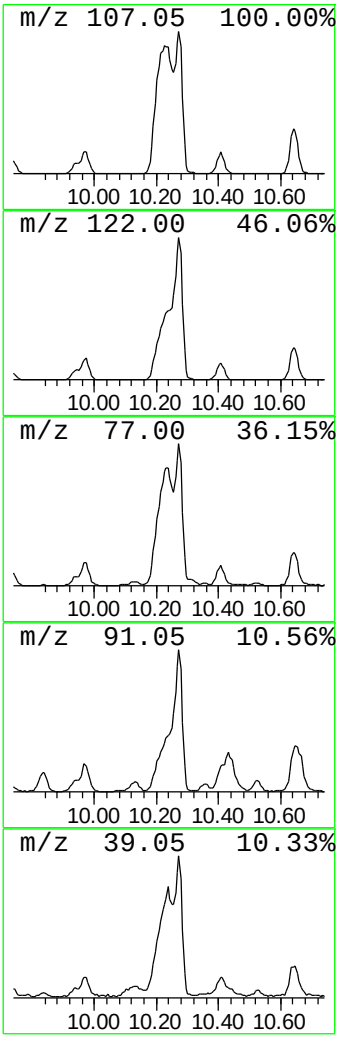
Peak Number 14 Phenol, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.24	396.58 ng	6956670	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	97
2	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	86
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	72
5	2-Isopropylpyrazine	122	C7H10N2	029460-90-0	53





Library Search Compound Report

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Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

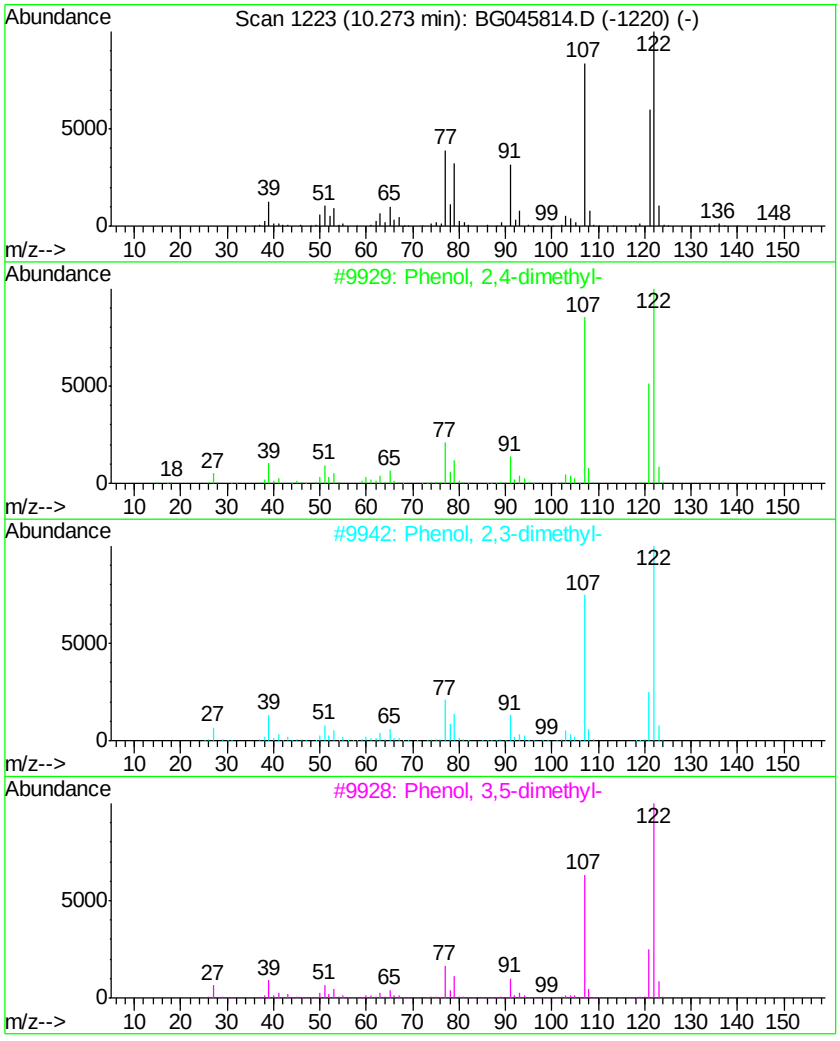
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

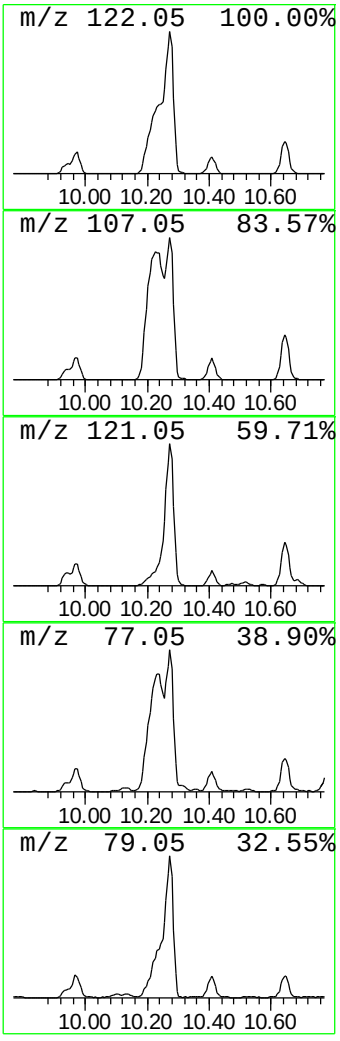
****

Peak Number 15 Phenol, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	246.99 ng	4332640	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
4	Benzenemethanol, 4-methyl-	122	C8H10O	000589-18-4	90
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90





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Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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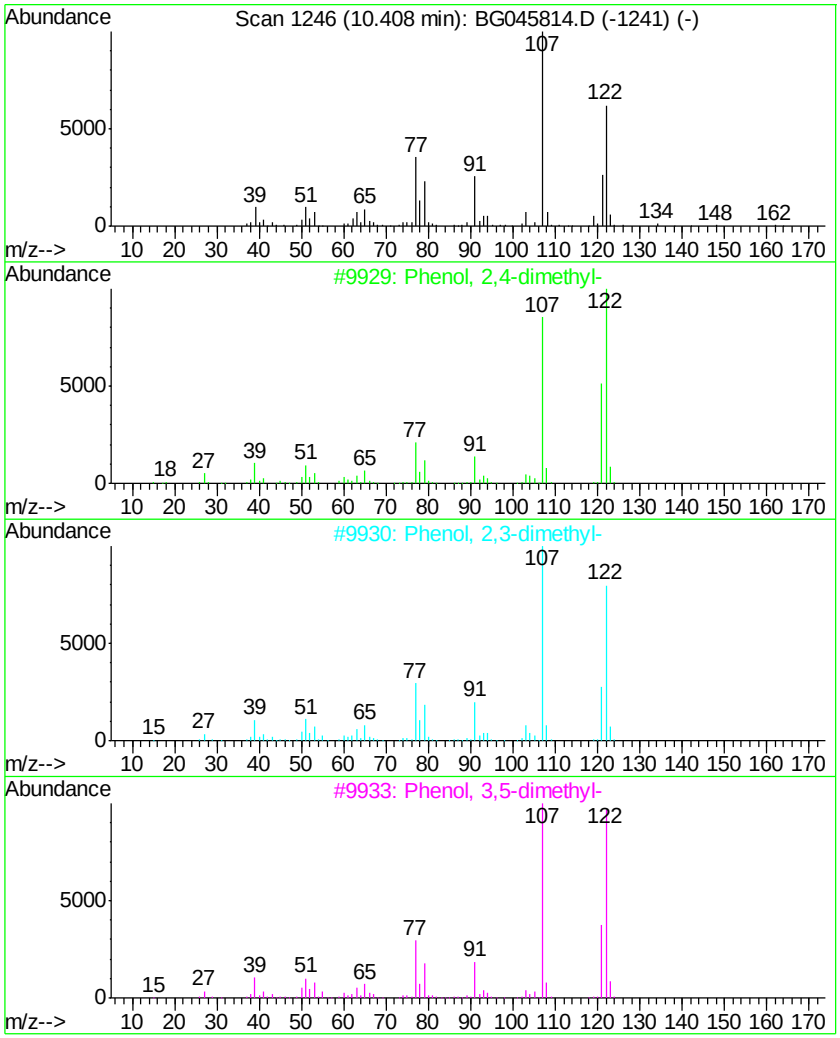
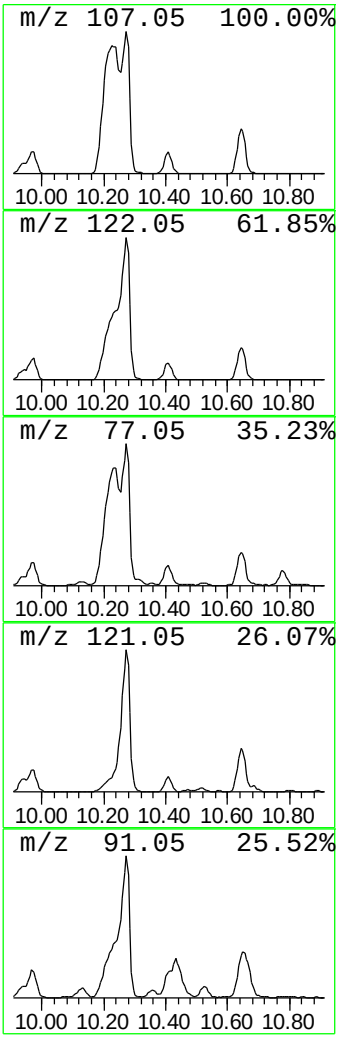
Peak Number 16 Phenol, 2,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	56.00 ng	982290	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	95
2	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	95
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	94
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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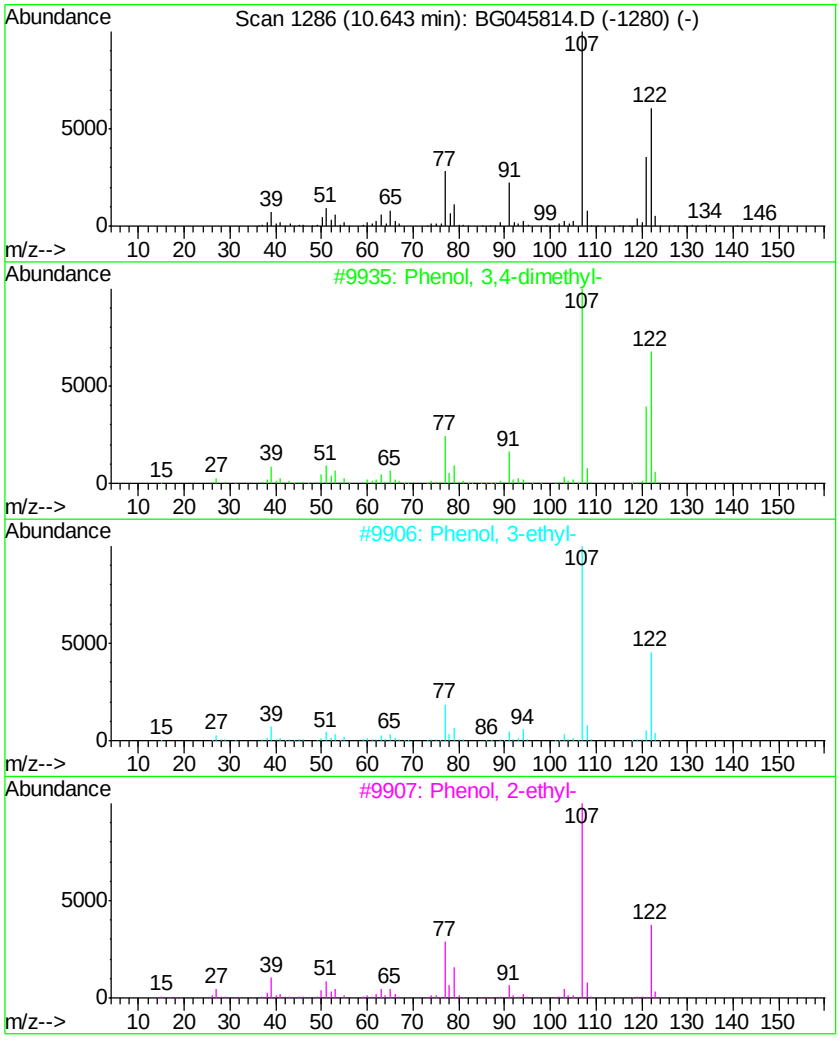
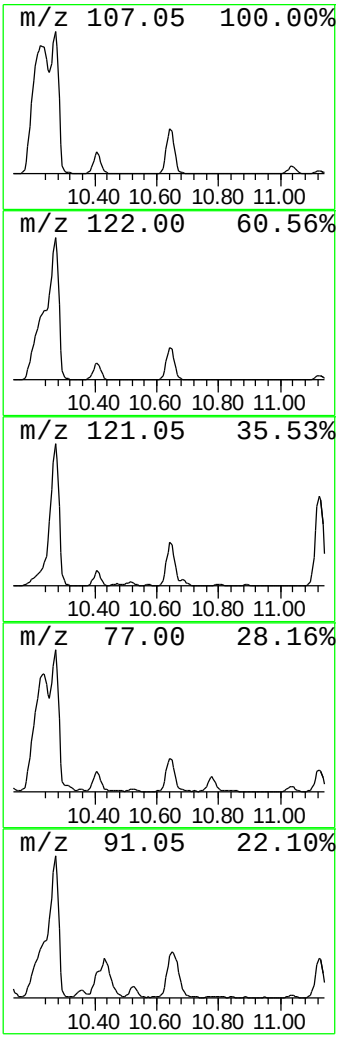
Peak Number 17 Phenol, 3,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	76.65 ng	1344640	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	97
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	80





Library Search Compound Report

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Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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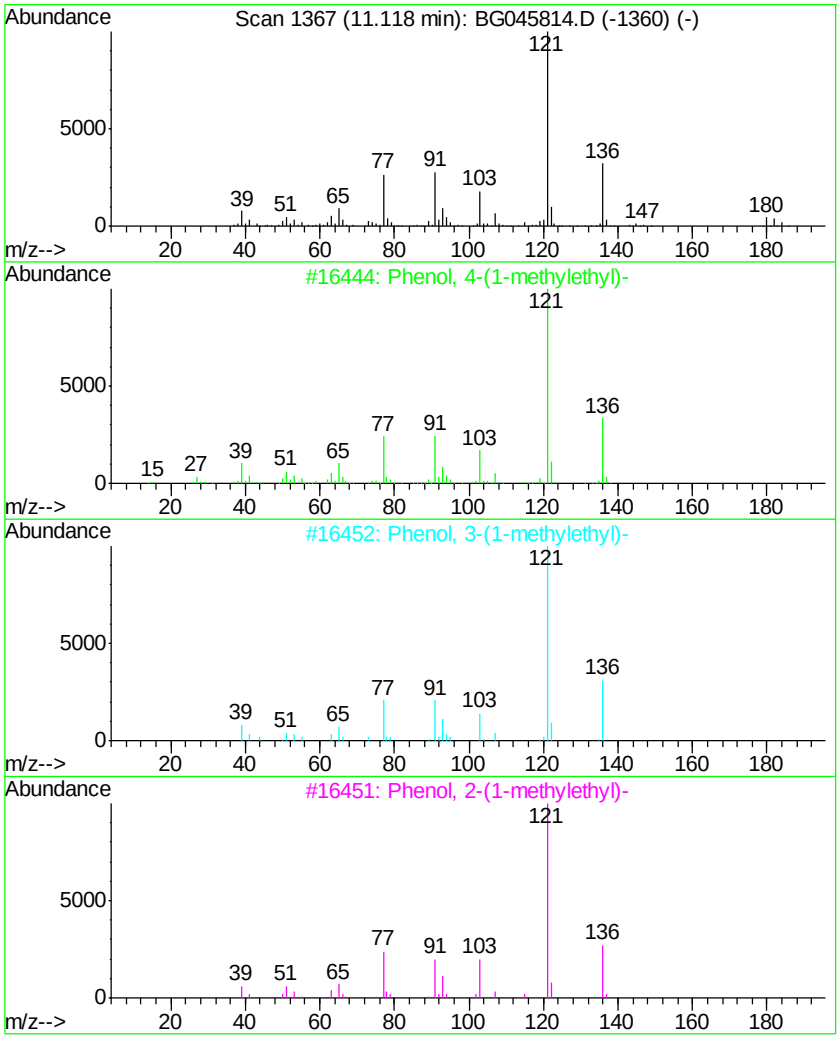
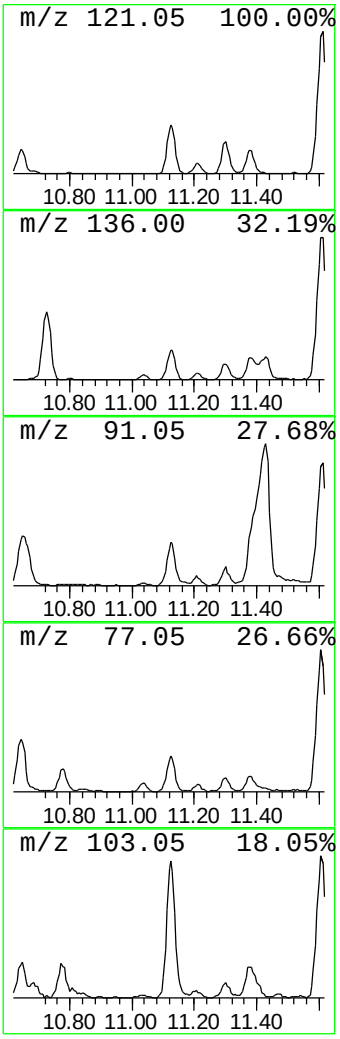
Peak Number 18 Phenol, 4-(1-methylethyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	50.55 ng	886700	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	96
2	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	94
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	90
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83





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Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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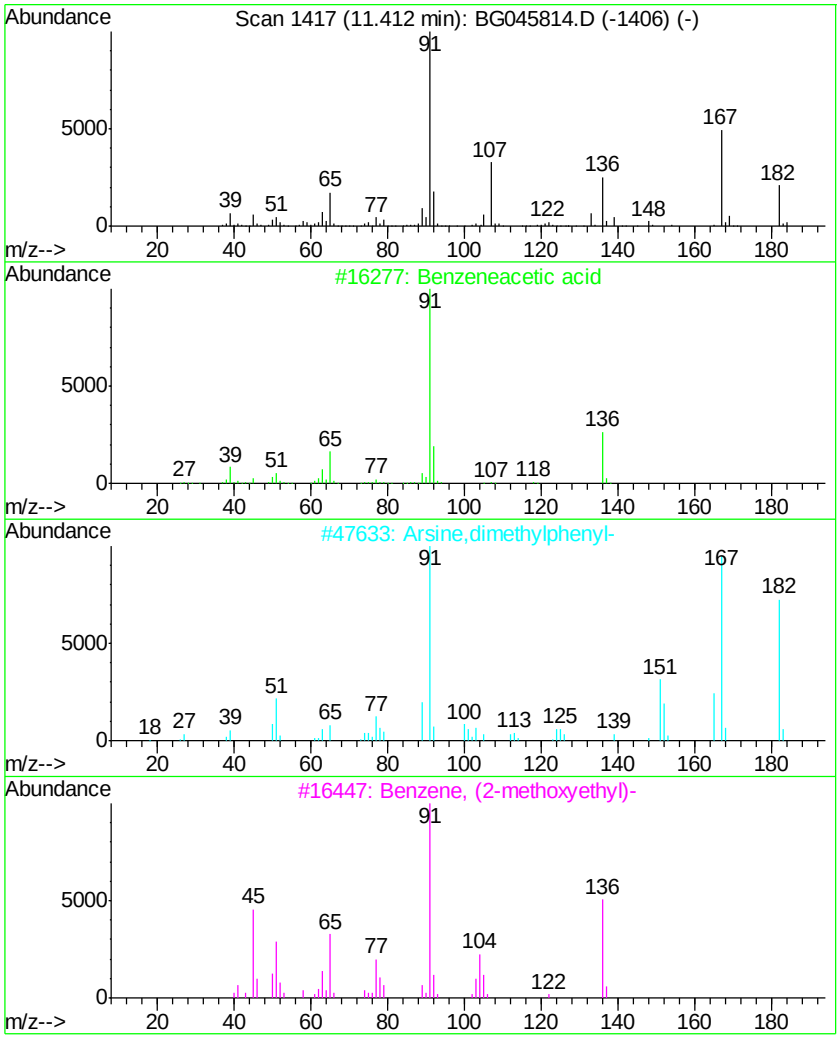
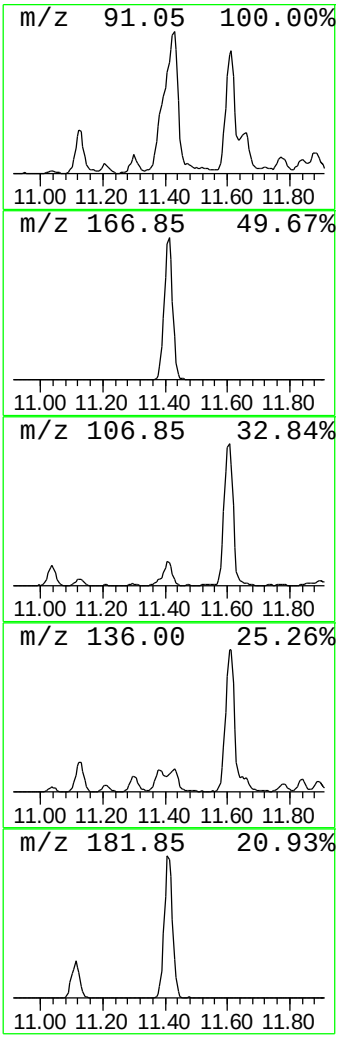
Peak Number 19 Benzeneacetic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	84.79 ng	1487350	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneacetic acid	136	C8H8O2	000103-82-2	83
2	Arsine,dimethylphenyl-	182	C8H11As	000696-26-4	37
3	Benzene, (2-methoxyethyl)-	136	C9H12O	003558-60-9	27
4	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	27
5	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	27





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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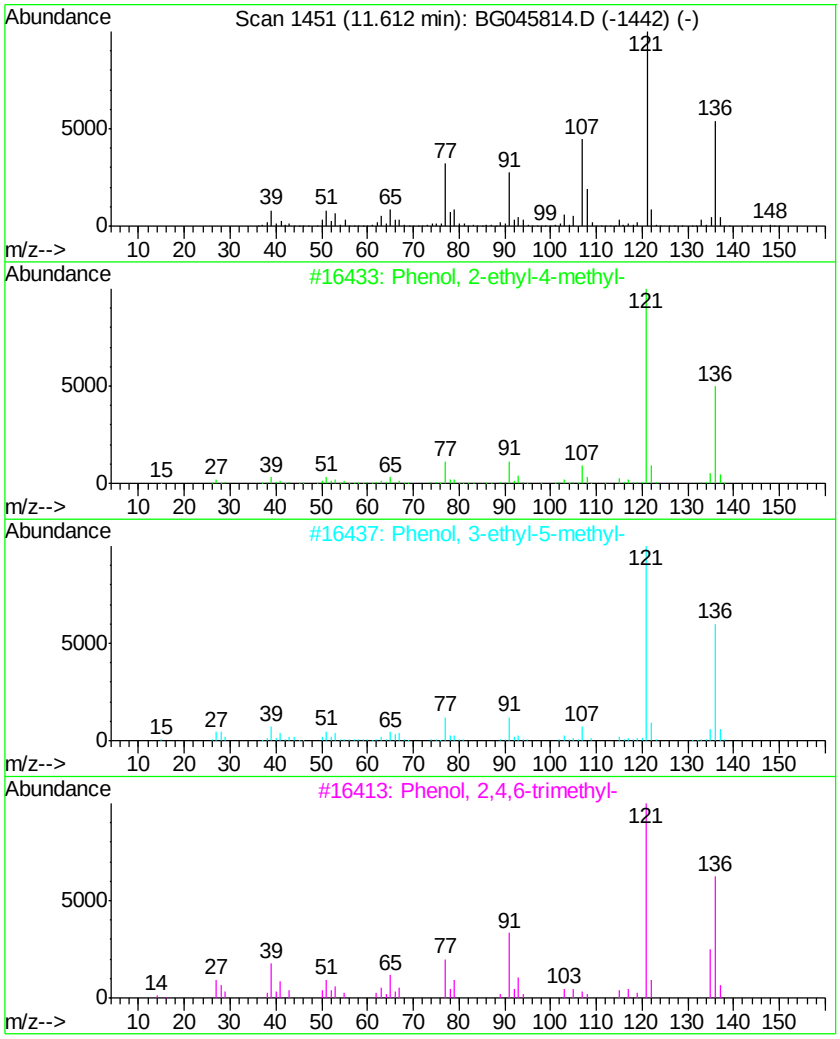
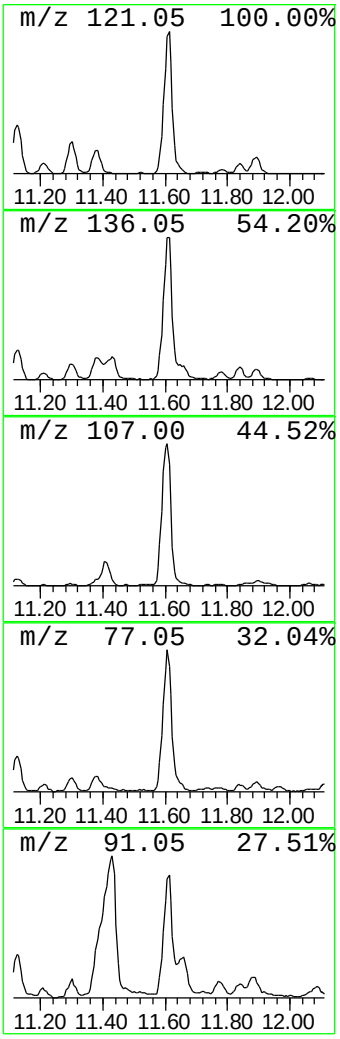
Peak Number 20 Phenol, 2-ethyl-4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	222.02 ng	3894630	Naphthalene-d8	10.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	76
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	70
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	62
5	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	62





Tentatively Identified Compound (LSC) summary

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Data File : BG045814.D
Acq On : 19 Jun 2020 14:05
Operator : CG/JU
Sample : L3033-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LF001MW001-200615

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hexanone	3.72	1562.4	ng	23689200	1	7.92	303234	20.0
Disulfide, dimethyl	3.83	43.8	ng	663619	1	7.92	303234	20.0
2-Pentanol, 4-met...	3.93	114.3	ng	1733630	1	7.92	303234	20.0
Thiirane	5.03	99.0	ng	1500450	1	7.92	303234	20.0
Benzene, 1,3-dime...	5.93	191.7	ng	2906400	1	7.92	303234	20.0
Butanoic acid, 2-...	6.62	109.7	ng	1663810	1	7.92	303234	20.0
Benzene, 1-ethyl-...	7.01	59.5	ng	901415	1	7.92	303234	20.0
Benzene, 1,2,3-tr...	7.57	184.2	ng	2791980	1	7.92	303234	20.0
Benzene, 1,2,4-tr...	8.03	127.7	ng	1936150	1	7.92	303234	20.0
Benzene, 1-ethyl-...	10.13	46.6	ng	817262	2	10.72	350832	20.0
Phenol, 3-ethyl-	10.24	396.6	ng	6956670	2	10.72	350832	20.0
Phenol, 2,3-dimet...	10.27	247.0	ng	4332640	2	10.72	350832	20.0
Phenol, 2,4-dimet...	10.41	56.0	ng	982290	2	10.72	350832	20.0
Phenol, 3,4-dimet...	10.64	76.7	ng	1344640	2	10.72	350832	20.0
Phenol, 4-(1-meth...	11.12	50.5	ng	886700	2	10.72	350832	20.0
Benzeneacetic acid	11.41	84.8	ng	1487350	2	10.72	350832	20.0
Phenol, 2-ethyl-4...	11.61	222.0	ng	3894630	2	10.72	350832	20.0