LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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-BG121218.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	3.174	11	14	22	rVB	28085	42328	1.86%	0.234%
2	5.142	343	349	356	rVB	16884	27469	1.21%	0.152%
3	5.535	411	416	422	rBV	18616	30292	1.33%	0.167%
4	5.612	422	429	436	rVB	117408	202794	8.90%	1.120%
5	7.216	696	702	713	rBV2	95619	234724	10.31%	1.297%
6	7.586	757	765	772	rBV	245054	438039	19.23%	2.420%
7	8.056	837	845	857	rBV	91388	186518	8.19%	1.030%
8	8.156	857	862	874	rVB	20374	41403	1.82%	0.229%
9	8.379	893	900	905	rBV	334077	587231	25.79%	3.244%
10	8.420	905	907	920	rVB	69063	115737	5.08%	0.639%
11	9.078	1014	1019	1023	rBV2	28141	50057	2.20%	0.277%
12	9.149	1024	1031	1037	rVV2	38426	80742	3.55%	0.446%
13	9.237	1037	1046	1052	rVV2	341816	668352	29.35%	3.692%
14	9.672	1114	1120	1127	rBV	39116	79560	3.49%	0.440%
15	9.883	1151	1156	1161	rBV3	14026	29485	1.29%	0.163%
16	10.101	1189	1193	1204	rVB7	18292	42697	1.87%	0.236%
17	10.218	1206	1213	1215	rBV2	32547	61234	2.69%	0.338%
18	10.253	1215	1219	1232	rVB3	85808	190560	8.37%	1.053%
19	10.441	1240	1251	1253	rBV8	39364	104986	4.61%	0.580%
20	10.582	1269	1275	1291	rVB7	43793	161985	7.11%	0.895%
21	10.747	1294	1303	1304	rBV7	13319	33065	1.45%	0.183%
22	10.876	1315	1325	1334	rBV	157892	328666	14.43%	1.816%
23	11.017	1344	1349	1354	rBV8	16112	28856	1.27%	0.159%
24	11.158	1366	1373	1377	rBV7	33418	79759	3.50%	0.441%
25	11.199	1377	1380	1388	rVB2	36755	61050	2.68%	0.337%
26	11.288	1388	1395	1401	rBV5	83803	197737	8.68%	1.092%
27	11.352	1401	1406	1414	rVB	207982	374555	16.45%	2.069%
28	11.434	1414	1420	1422	rBV2	34125	63576	2.79%	0.351%
29	11.634	1446	1454	1456	rBV2	81967	171107	7.51%	0.945%
30	11.669	1456	1460	1469	rVV3	145548	317037	13.92%	1.752%
31	11.740	1469	1472	1479	rVV4	36904	77443	3.40%	0.428%
32	11.810	1480	1484	1487	rVV6	20270	38603	1.70%	0.213%
33	11.852	1488	1491	1494	rVV2	29483	52100	2.29%	0.288%
34	11.887	1494	1497	1507	rVB6	38719	87331	3.83%	0.482%

LSC Area Percent Report

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Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.022	1516	1520	1526	rVB2	87333	139148	6.11%	0.769%
36	12.269	1556	1562	1567	rVB8	34369	68846	3.02%	0.380%
37	12.468	1591	1596	1600	rBV	130339	202172	8.88%	1.117%
38	12.586	1613	1616	1621	rVB2	32256	48701	2.14%	0.269%
39	12.674	1621	1631	1638	rBV3	332764	668508	29.35%	3.693%
40	12.745	1639	1643	1650	rVB5	68645	139132	6.11%	0.769%
41	12.821	1651	1656	1658	rBV3	28533	51585	2.27%	0.285%
42	12.986	1679	1684	1686	rBV5	32228	48628	2.14%	0.269%
43	13.038	1686	1693	1705	rVB2	374822	709374	31.15%	3.919%
44	13.168	1712	1715	1719	rBV4	26168	38361	1.68%	0.212%
45	13.215	1719	1723	1724	rBV3	26565	37912	1.66%	0.209%
46	13.315	1732	1740	1746	rBV	948593	1509920	66.30%	8.342%
47	13.373	1746	1750	1754	rBV3	35667	68387	3.00%	0.378%
48	13.561	1778	1782	1788	rVB5	29913	45166	1.98%	0.250%
49	13.655	1795	1798	1805	rVB6	24751	48285	2.12%	0.267%
50	13.855	1821	1832	1833	rBV8	35211	89034	3.91%	0.492%
51	13.884	1834	1837	1841	rVV3	52820	100071	4.39%	0.553%
52	13.961	1841	1850	1864	rVV3	170607	602755	26.47%	3.330%
53	14.067	1864	1868	1871	rVV3	58613	99221	4.36%	0.548%
54	14.102	1871	1874	1877	rVV4	31387	41976	1.84%	0.232%
55	14.137	1877	1880	1885	rVB	50456	75071	3.30%	0.415%
56	14.219	1885	1894	1902	rBV3	88288	187402	8.23%	1.035%
57	14.355	1913	1917	1924	rVB2	88819	135537	5.95%	0.749%
58	14.478	1934	1938	1941	rBV2	32938	51724	2.27%	0.286%
59	14.531	1941	1947	1955	rVB3	100028	206140	9.05%	1.139%
60	14.695	1968	1975	1984	rVB2	247109	451841	19.84%	2.496%
61	14.795	1984	1992	1998	rBV	48525	112919	4.96%	0.624%
62	14.866	1998	2004	2006	rBV3	34431	68879	3.02%	0.381%
63	14.966	2017	2021	2024	rBV4	38033	59523	2.61%	0.329%
64	15.089	2037	2042	2044	rBV3	23619	40934	1.80%	0.226%
65	15.218	2060	2064	2069	rVB8	21321	36696	1.61%	0.203%
66	15.342	2076	2085	2088	rBV10	32445	72754	3.19%	0.402%
67	15.424	2094	2099	2104	rBV	85280	130411	5.73%	0.720%
68	15.571	2118	2124	2131	rBV	16838	47033	2.07%	0.260%
69	15.677	2137	2142	2147	rVB	60454	88134	3.87%	0.487%
70	15.729	2147	2151	2158	rBV6	26670	52438	2.30%	0.290%
71	15.876	2173	2176	2182	rVB	15608	23511	1.03%	0.130%

LSC Area Percent Report

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Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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-BG121218.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	16.182	2223	2228	2235	rVB3	479911	752520	33.04%	4.157%
73	16.405	2259	2266	2272	rBV	198681	340110	14.93%	1.879%
74	16.499	2278	2282	2286	rVB	25454	32336	1.42%	0.179%
75	16.558	2286	2292	2298	rVV3	44131	87571	3.85%	0.484%
76	16.617	2298	2302	2307	rVV	46696	72387	3.18%	0.400%
77	16.658	2307	2309	2314	rVB3	18172	25844	1.13%	0.143%
78	16.816	2330	2336	2342	rBV4	32294	65341	2.87%	0.361%
79	16.887	2344	2348	2350	rBV	21961	28048	1.23%	0.155%
80	17.439	2436	2442	2453	rVB2	305818	491614	21.59%	2.716%
81	17.868	2510	2515	2522	rBV6	15766	31393	1.38%	0.173%
82	18.297	2584	2588	2596	rBV	69364	109851	4.82%	0.607%
83	19.695	2824	2826	2834	rVB2	19871	31470	1.38%	0.174%
84	20.042	2878	2885	2895	rVB	1693659	2277366	100.00%	12.582%
85	20.718	2997	3000	3006	rVB6	20727	27809	1.22%	0.154%
86	20.800	3010	3014	3019	rBV5	18383	28672	1.26%	0.158%
87	21.311	3097	3101	3109	rBV	66316	98466	4.32%	0.544%
88	21.716	3164	3170	3180	rBV2	327074	559524	24.57%	3.091%
89	22.463	3294	3297	3304	rVB2	30460	47952	2.11%	0.265%
90	23.162	3410	3416	3424	rVB2	41584	81816	3.59%	0.452%
91	23.356	3443	3449	3458	rVB	86059	173186	7.60%	0.957%
92	23.973	3548	3554	3563	rVB2	47101	113822	5.00%	0.629%
93	24.930	3710	3717	3722	rBV2	38298	93454	4.10%	0.516%
94	25.018	3723	3732	3744	rVB2	180753	537218	23.59%	2.968%
95	26.070	3901	3911	3921	rBV3	31984	107594	4.72%	0.594%

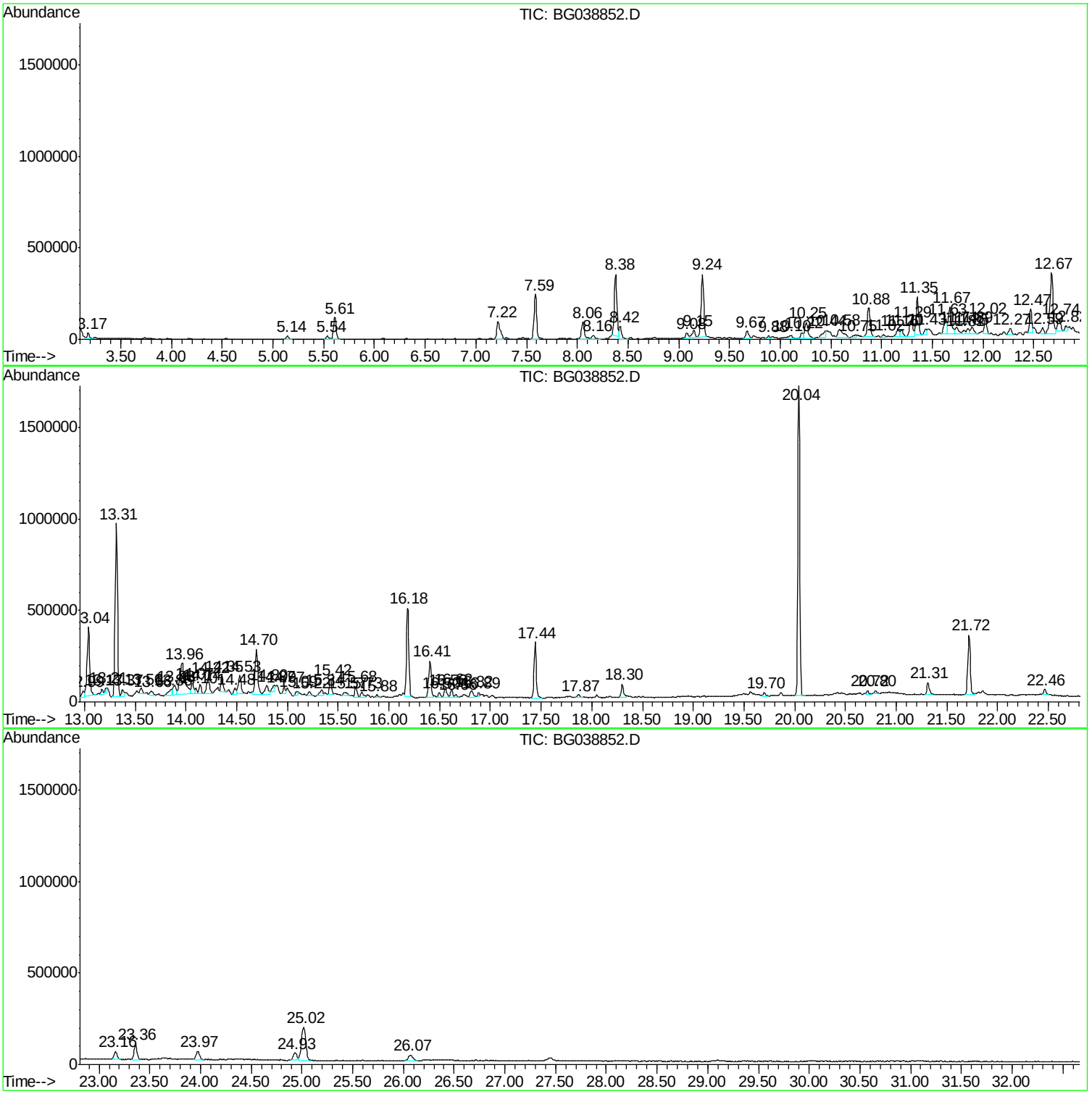
Sum of corrected areas: 18100571

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

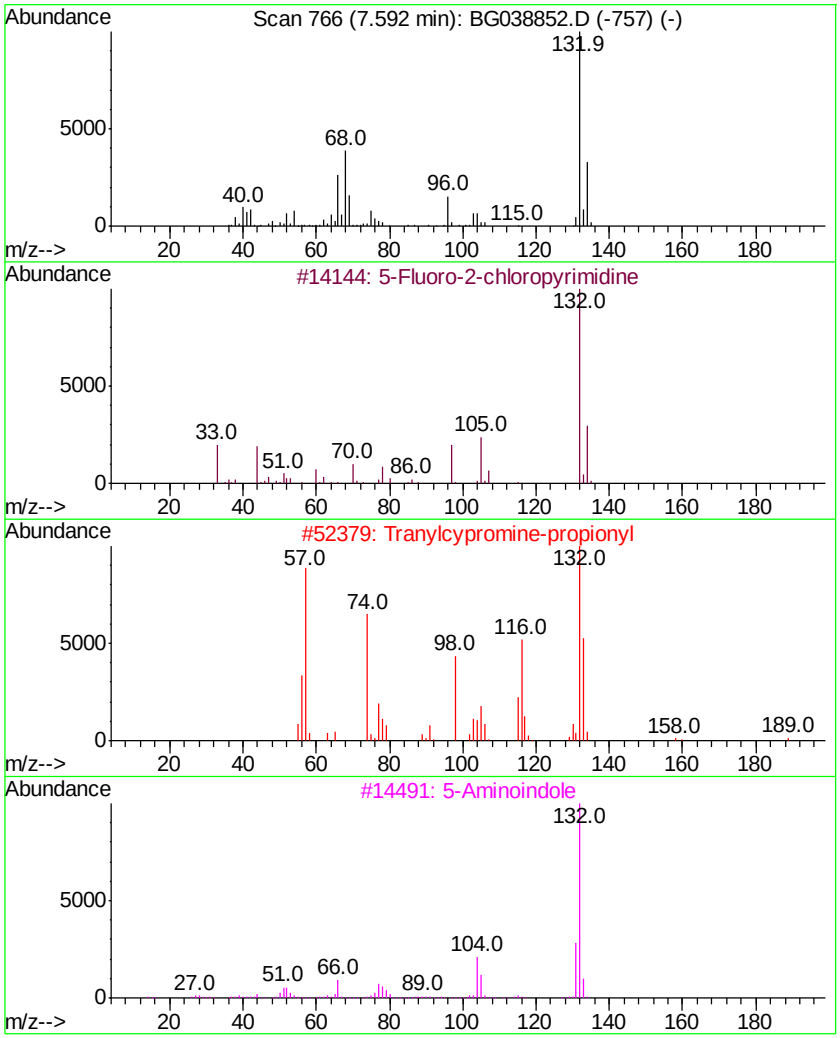
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

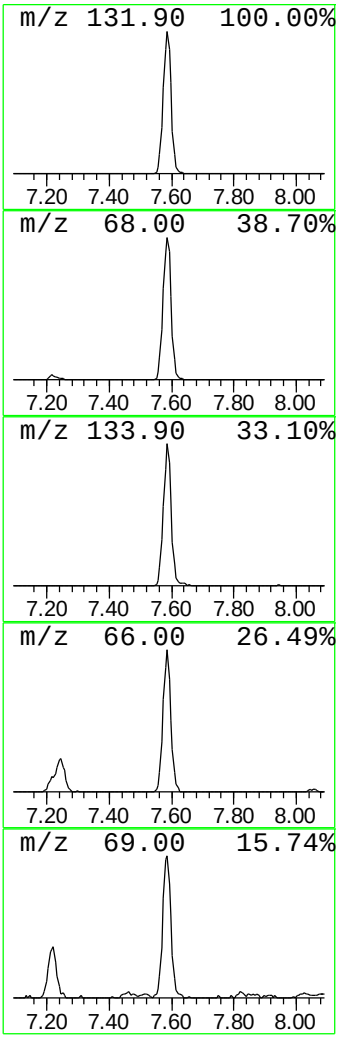
****

Peak Number 1 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	46.97 ng	438039	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

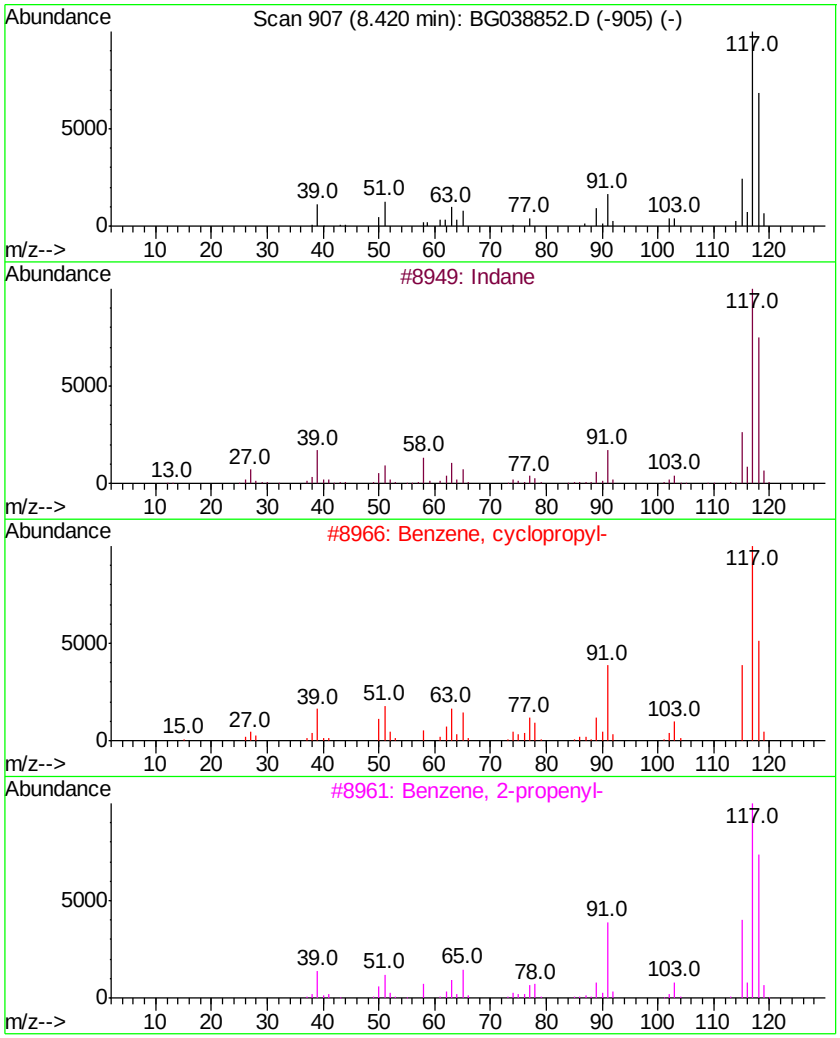
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

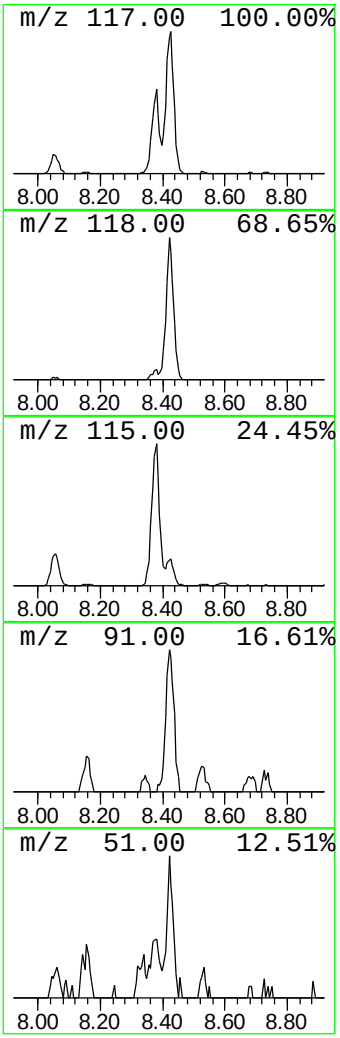
****

Peak Number 3 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	12.41 ng	115737	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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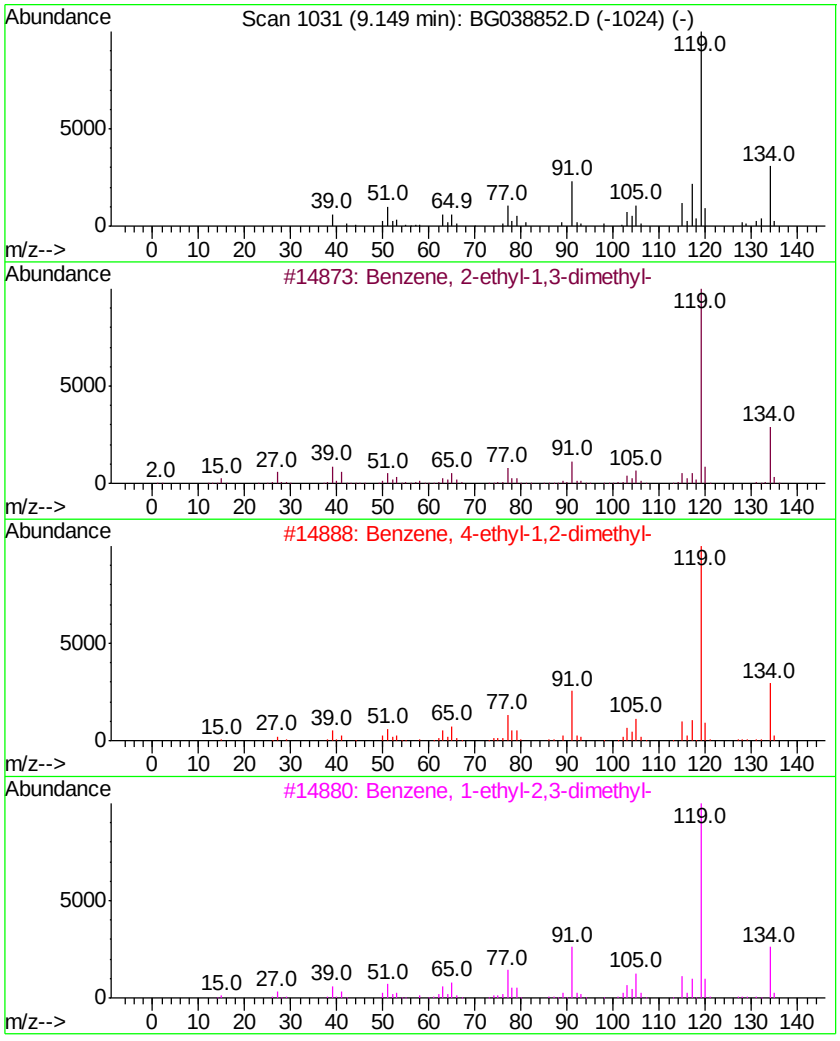
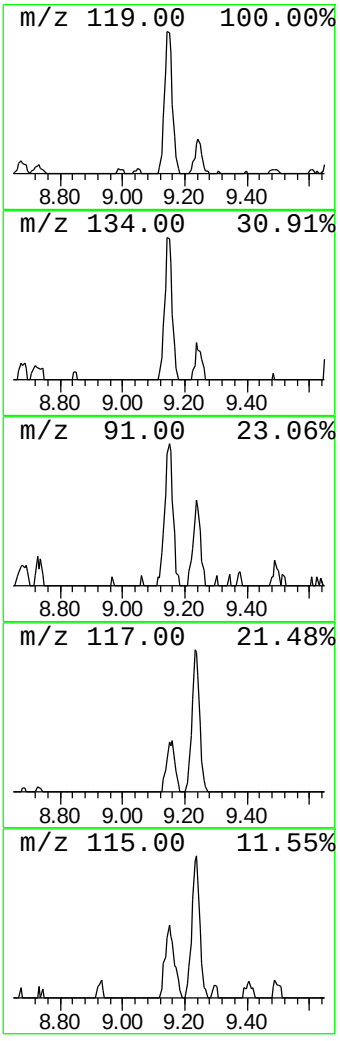
Peak Number 4 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	8.66 ng	80742	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4	p-Cymene	134	C10H14	000099-87-6	87
5	o-Cymene	134	C10H14	000527-84-4	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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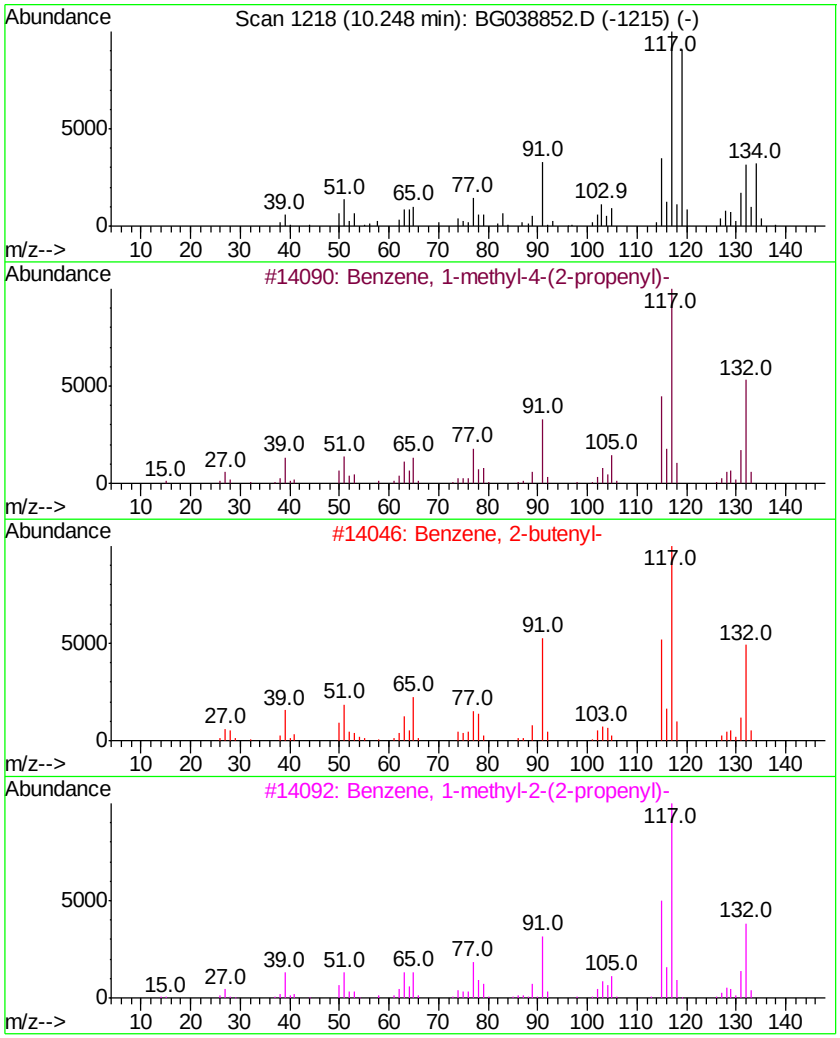
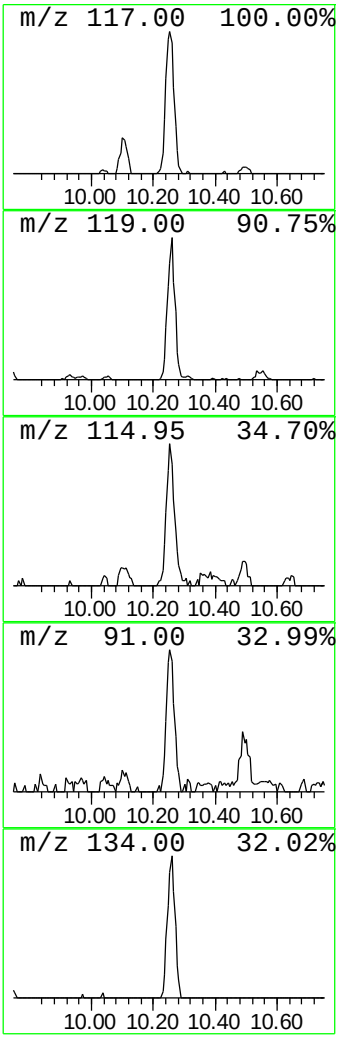
Peak Number 5 Benzene, 1-methyl-4-(2-prop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	11.60 ng	190560	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	90
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	89
4	1-Phenyl-1-butene	132	C10H12	000824-90-8	89
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	89





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

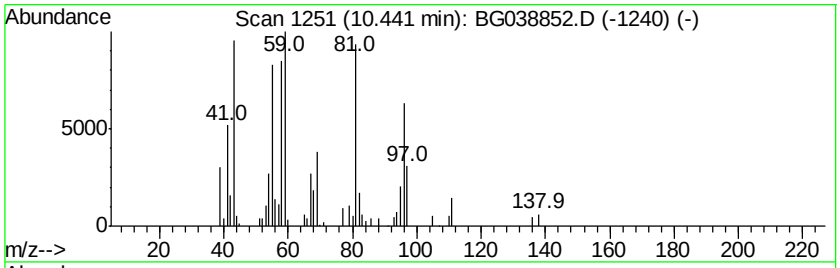
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

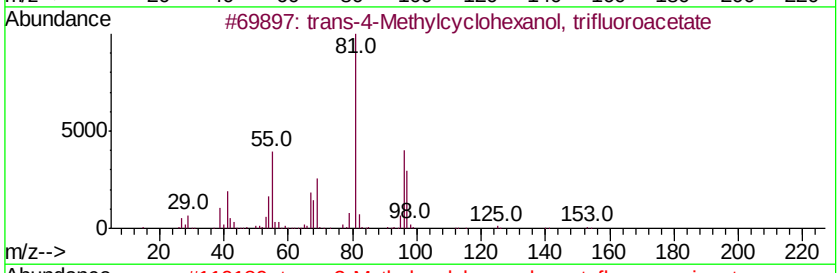
****

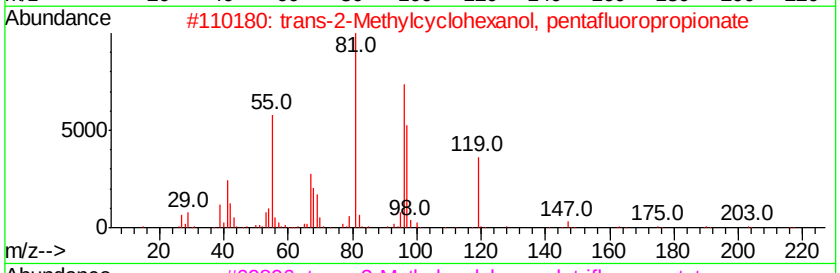
Peak Number 6 unknown10.44 Concentration Rank 20

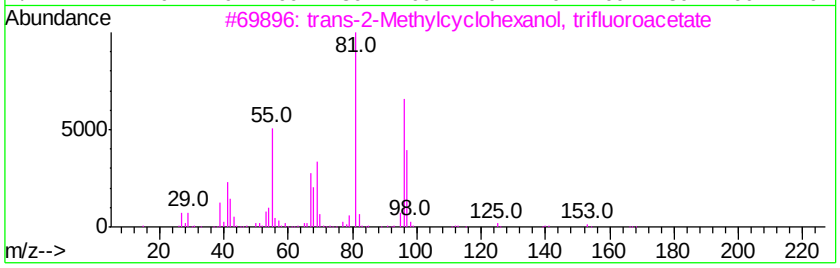
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	6.39 ng	104986	Naphthalene-d8	10.87

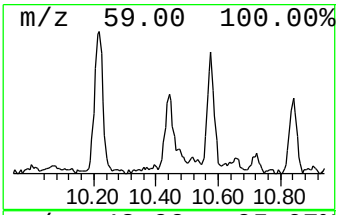
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-8	38
2	trans-2-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-4	38
3	trans-2-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-3	35
4	6-Methyl-bicyclo[4.2.0]octan-7-one	138	C9H14O	1000193-87-2	35
5	3-Hepten-1-ol	114	C7H14O	010606-47-0	35

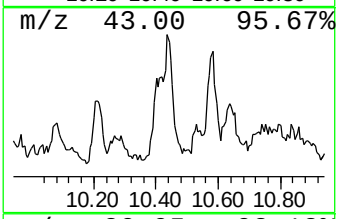


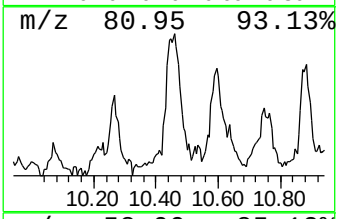


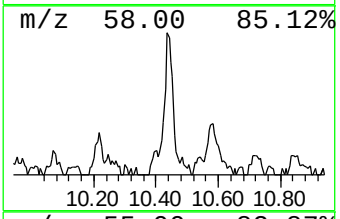


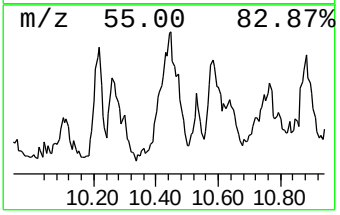












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

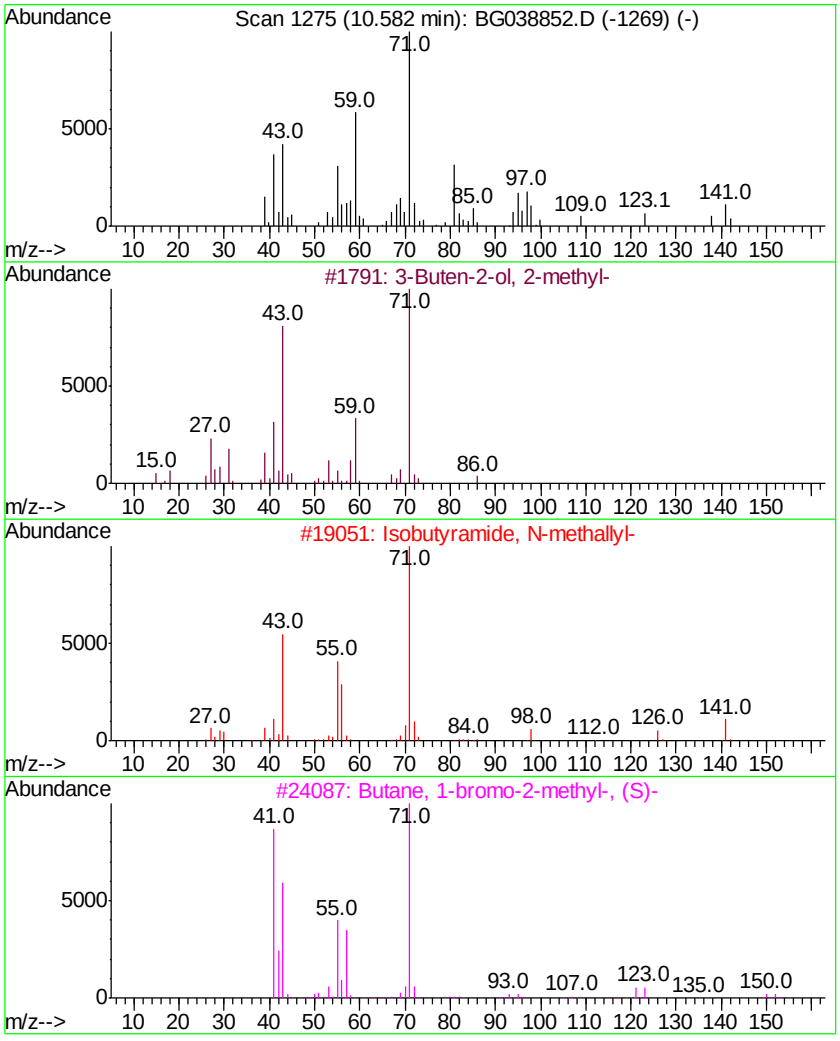
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

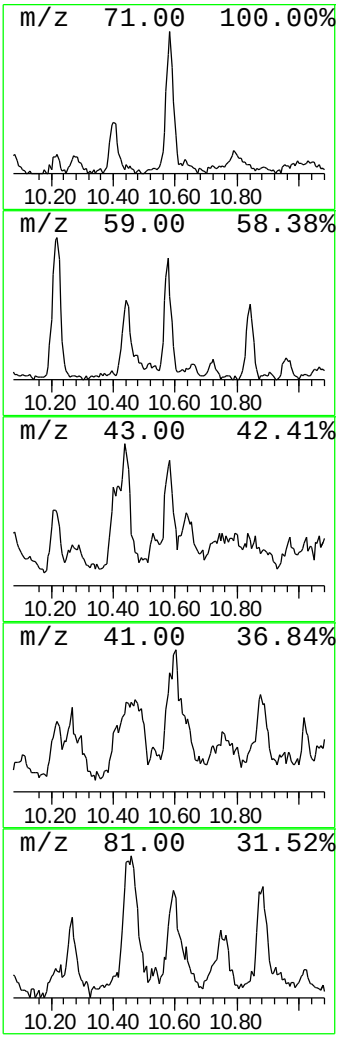
****

Peak Number 7 unknown10.58 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	9.86 ng	161985	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	46
2	Isobutyramide, N-methallyl-	141	C8H15NO	1000339-96-0	43
3	Butane, 1-bromo-2-methyl-, (S)-	150	C5H11Br	000534-00-9	38
4	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	38
5	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1000309-15-8	38





Library Search Compound Report

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Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

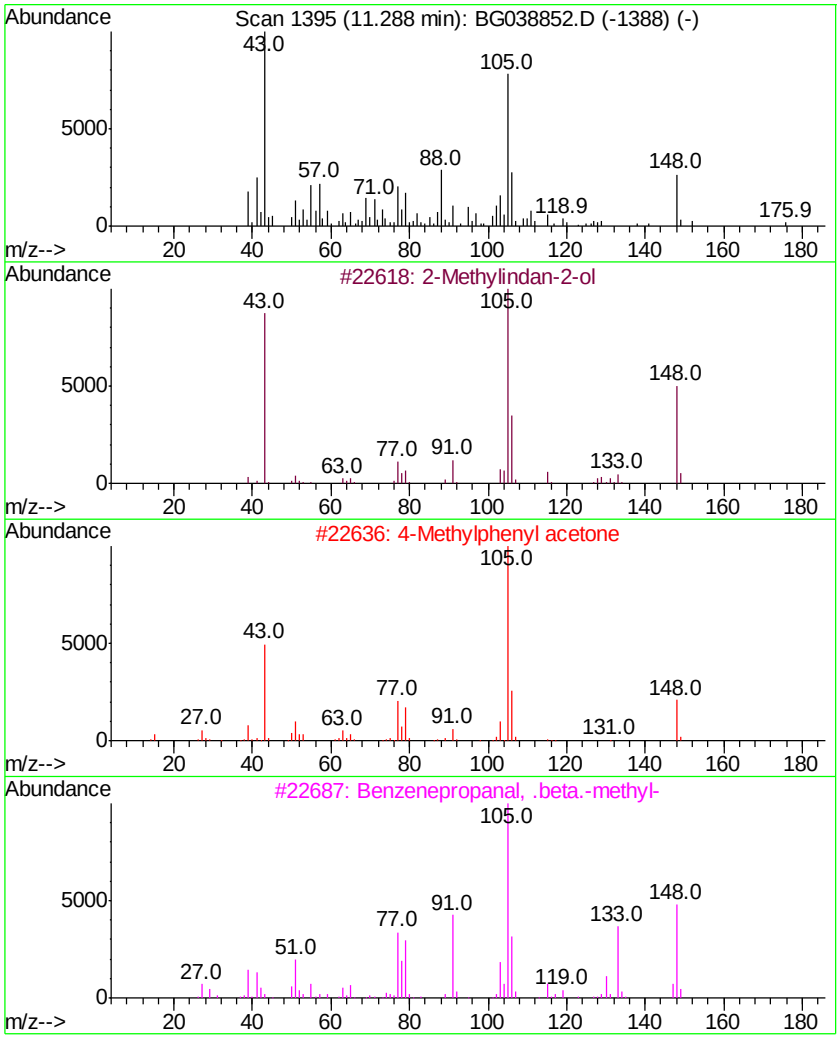
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

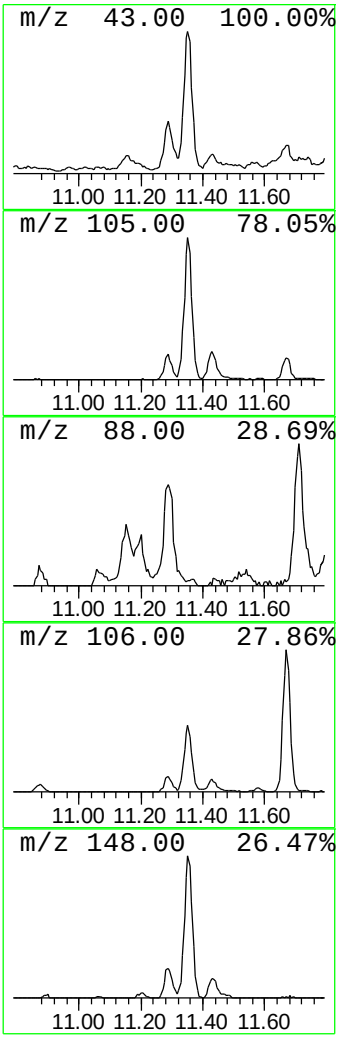
****

Peak Number 8 2-Methylindan-2-ol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	12.03 ng	197737	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindan-2-ol	148	C10H12O	033223-84-6	50
2	4-Methylphenyl acetone	148	C10H12O	002096-86-8	50
3	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	43
4	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	38
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	38





Library Search Compound Report

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Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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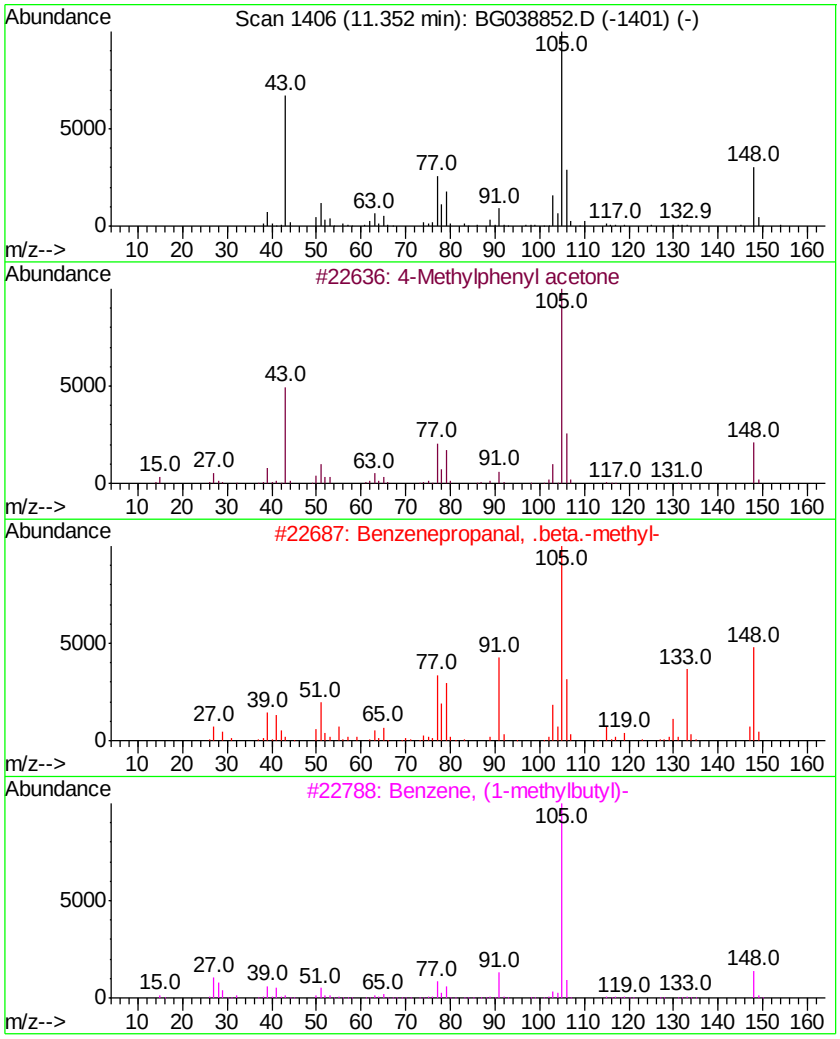
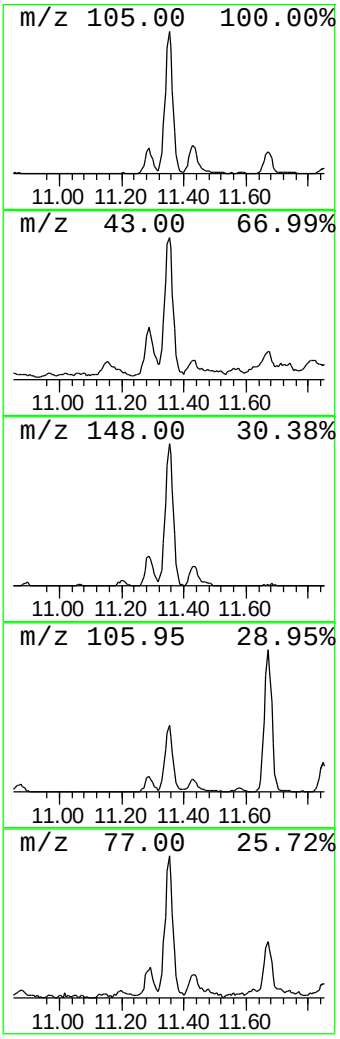
Peak Number 9 4-Methylphenyl acetone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	22.79 ng	374555	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylphenyl acetone	148	C10H12O	002096-86-8	94
2	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	68
3	Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	68
4	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	50
5	Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	50





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Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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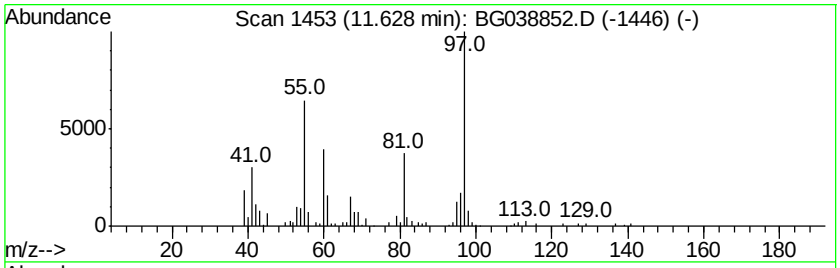
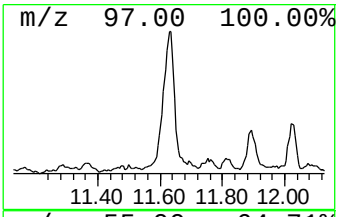
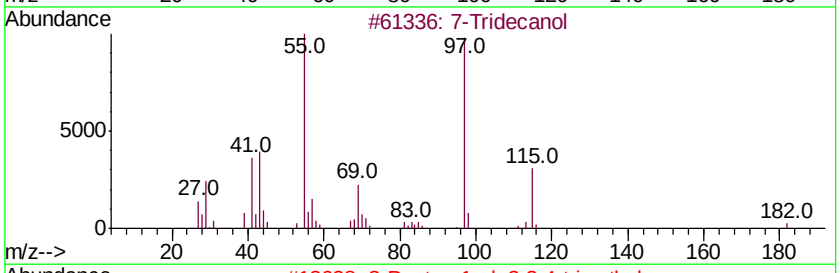
Peak Number 10 unknown11.63 Concentration Rank 13

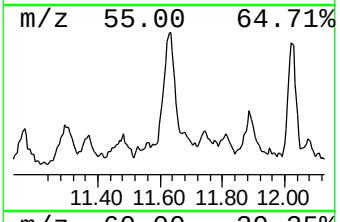
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	10.41 ng	171107	Naphthalene-d8	10.87

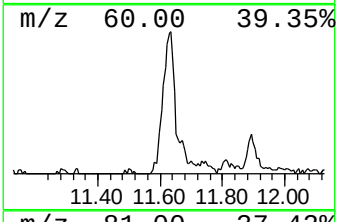
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tridecanol	200	C13H28O	000927-45-7	43
2	3-Penten-1-ol, 2,2,4-trimethyl-	128	C8H16O	005842-53-5	43
3	Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	43
4	2-Thiopheneethanol	128	C6H8OS	005402-55-1	38
5	4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	38

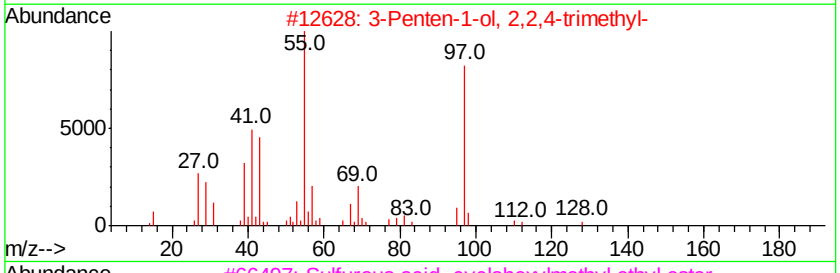


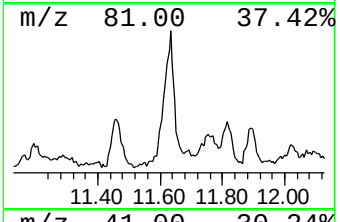


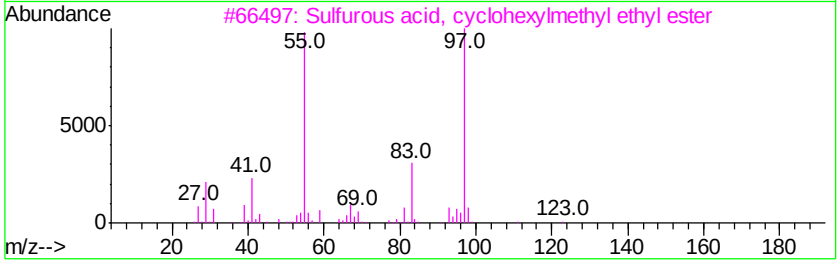


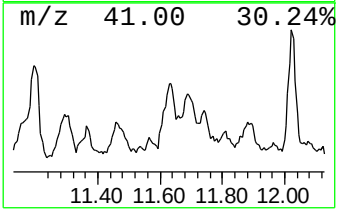












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

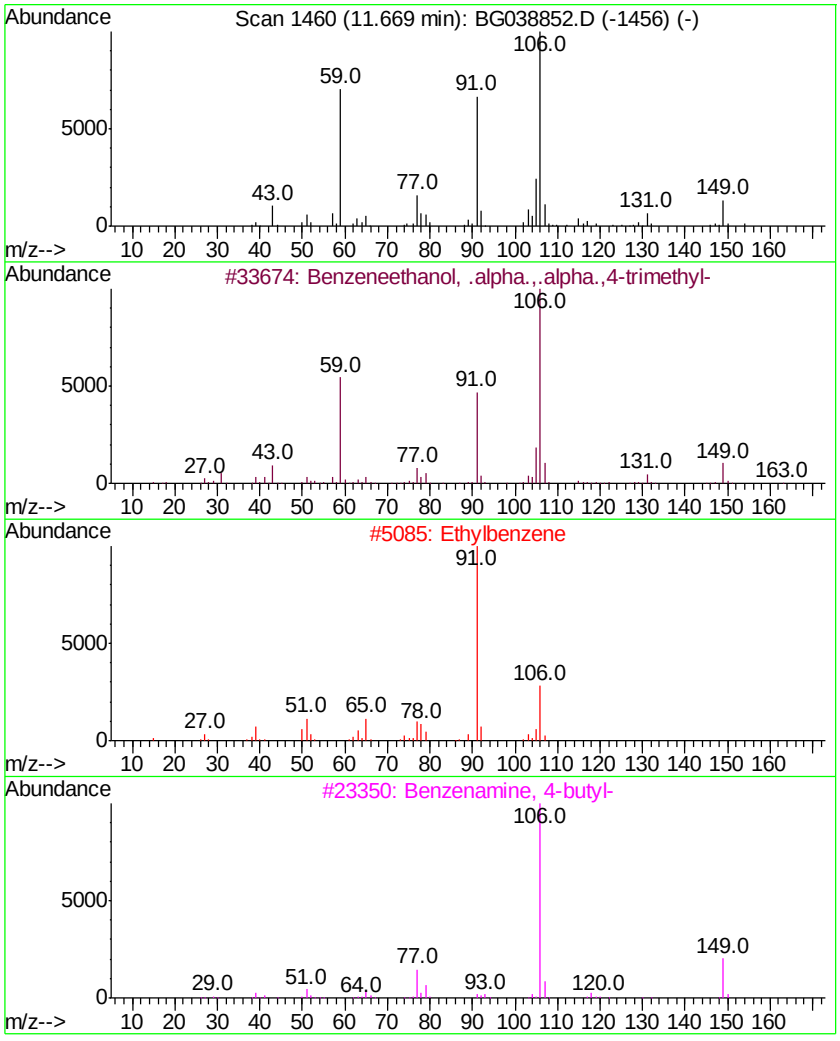
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

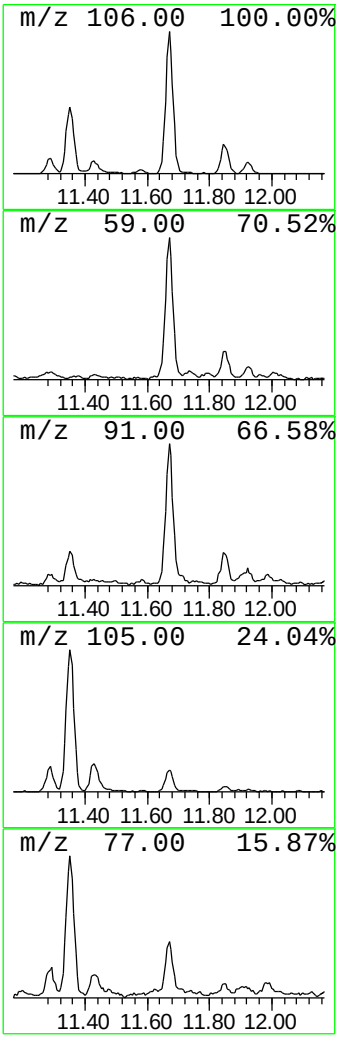
****

Peak Number 11 Benzeneethanol, .alpha.,.al... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.67	19.29 ng	317037	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanol, .alpha.,.alpha.,...	164	C11H16O	020834-59-7	90
2	Ethylbenzene	106	C8H10	000100-41-4	53
3	Benzenamine, 4-butyl-	149	C10H15N	000104-13-2	46
4	Benzeneethanol, .alpha.,.beta.-d...	150	C10H14O	052089-32-4	46
5	p-Xylene	106	C8H10	000106-42-3	46





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Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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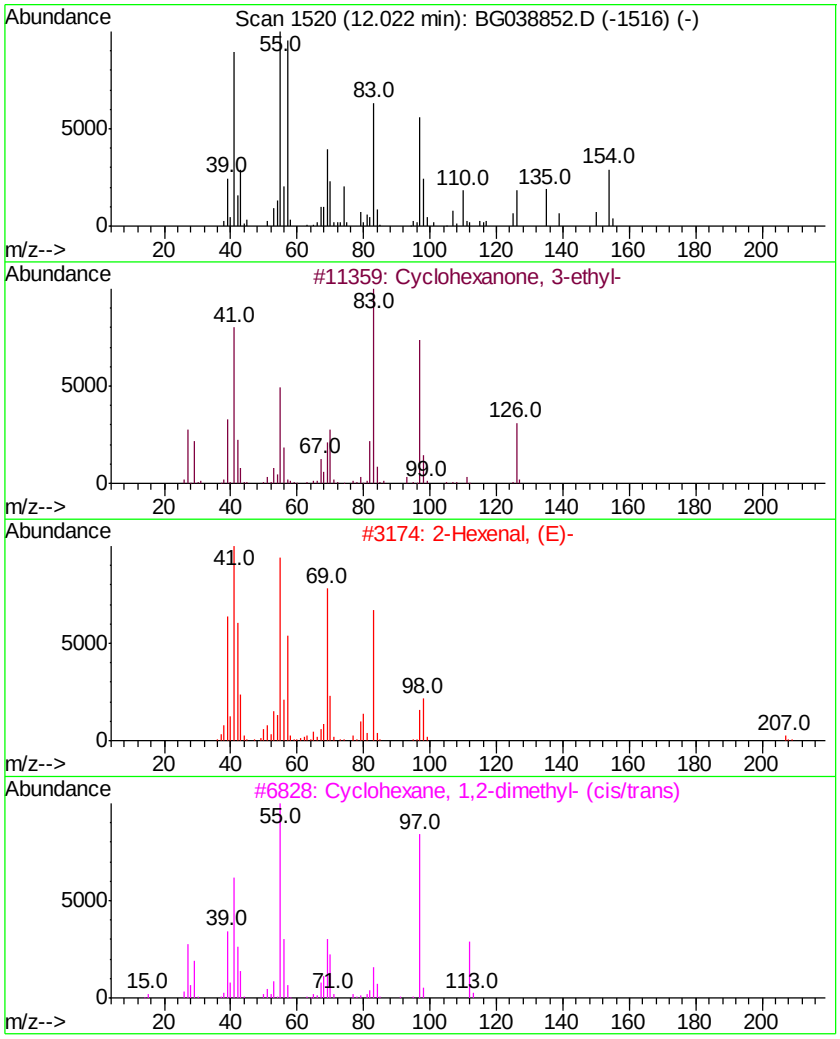
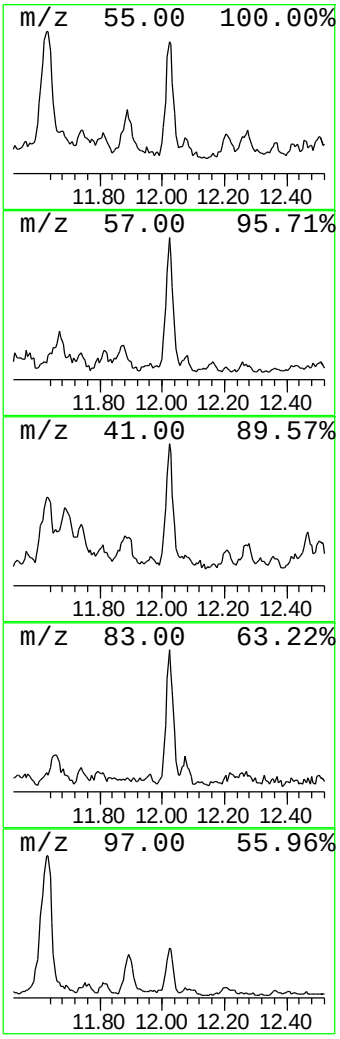
Peak Number 12 unknown12.02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	8.47 ng	139148	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-ethyl-	126	C8H14O	022461-89-8	49
2	2-Hexenal, (E)-	98	C6H10O	006728-26-3	41
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	22
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	18
5	Cyclopropane, 1,1,2,3-tetramethyl-	98	C7H14	074752-93-5	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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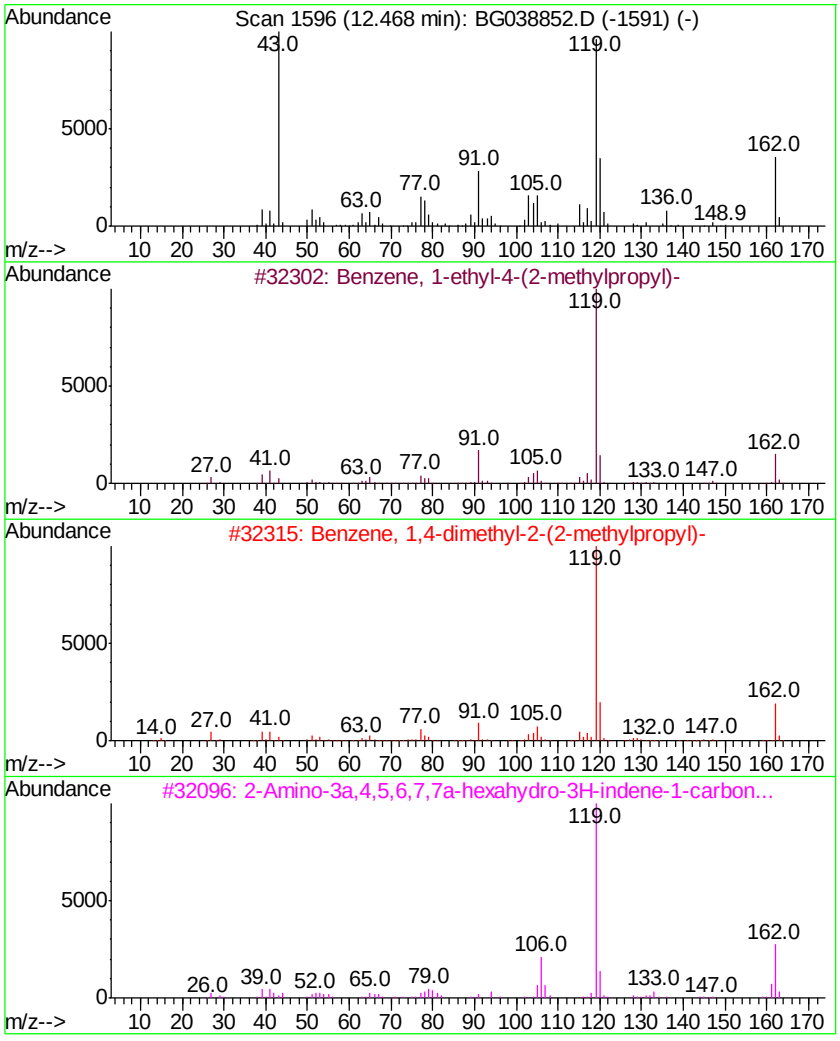
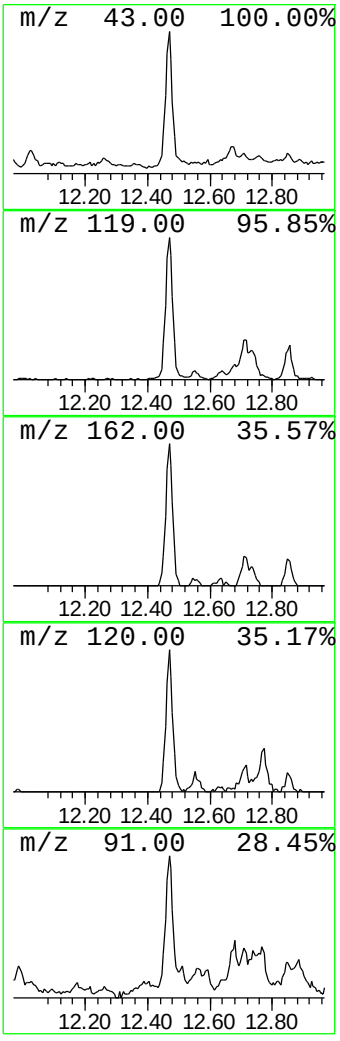
Peak Number 13 Benzene, 1-ethyl-4-(2-methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	12.30 ng	202172	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(2-methylprop...	162	C12H18	100319-40-2	93
2	Benzene, 1,4-dimethyl-2-(2-methy...	162	C12H18	055669-88-0	87
3	2-Amino-3a,4,5,6,7,7a-hexahydro-...	162	C10H14N2	1000185-29-8	53
4	o-Cymene	134	C10H14	000527-84-4	50
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	50





Library Search Compound Report

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Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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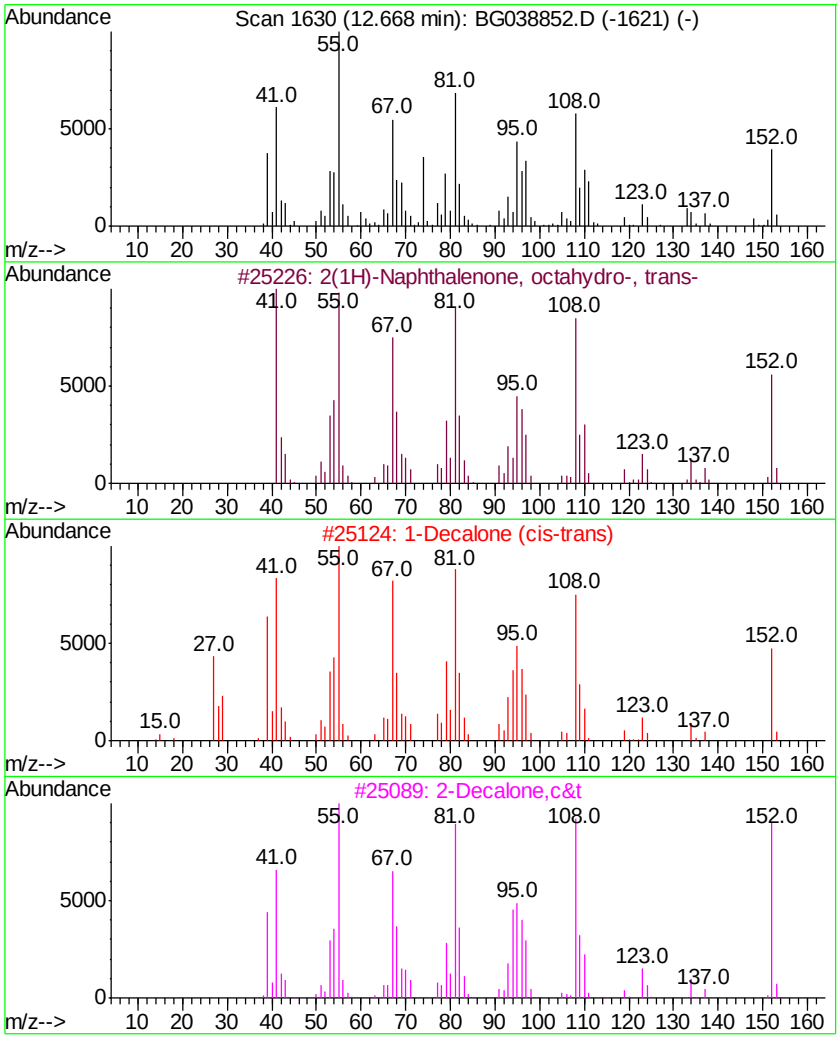
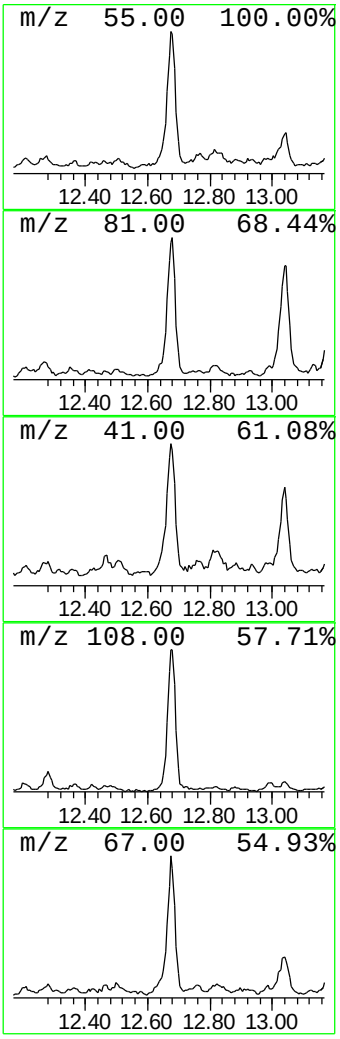
Peak Number 14 2(1H)-Naphthalenone, octahy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	40.68 ng	668508	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)-Naphthalenone, octahydro-,...	152	C10H16O	016021-08-2	98
2	1-Decalone (cis-trans)	152	C10H16O	004832-16-0	93
3	2-Decalone,c&t	152	C10H16O	004832-17-1	70
4	1H-Inden-1-one, octahydro-7a-met...	152	C10H16O	017428-83-0	64
5	Spiro[4.5]decan-2-one	152	C10H16O	003643-16-1	46





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Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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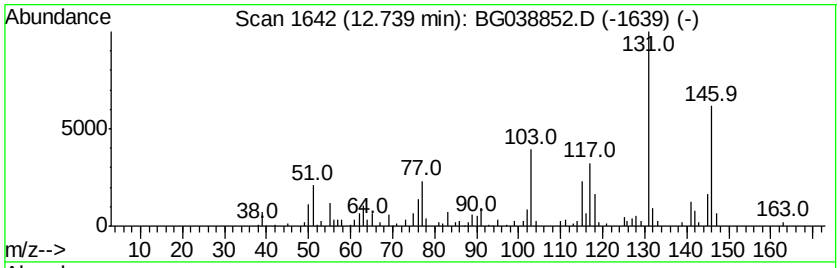
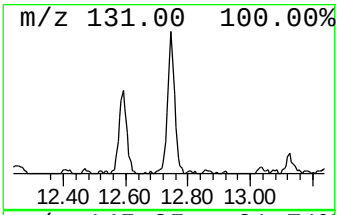
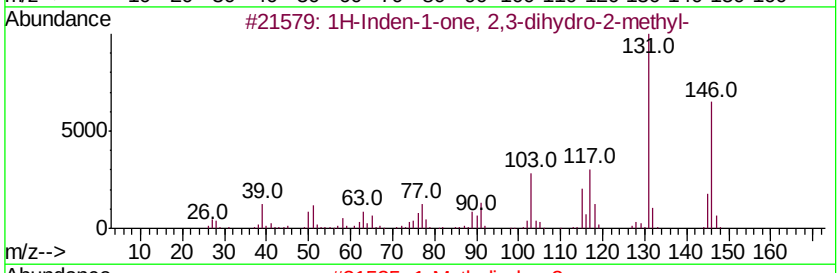
Peak Number 15 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

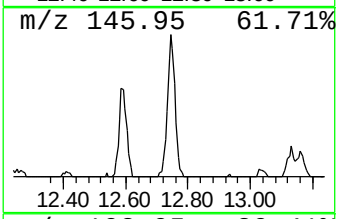
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	8.47 ng	139132	Naphthalene-d8	10.87

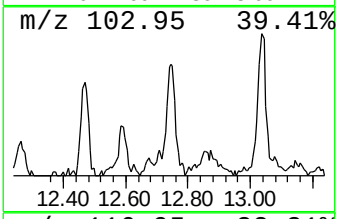
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	90
2	1-Methylindan-2-one	146	C10H10O	035587-60-1	87
3	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	80
4	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	68
5	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	64

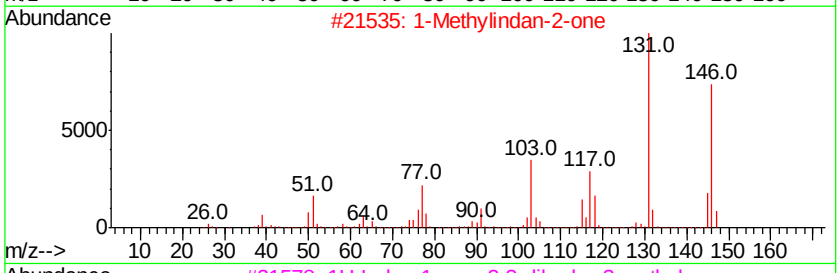


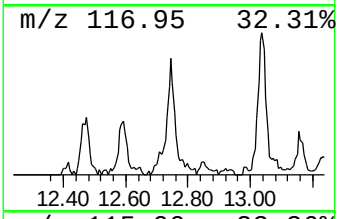


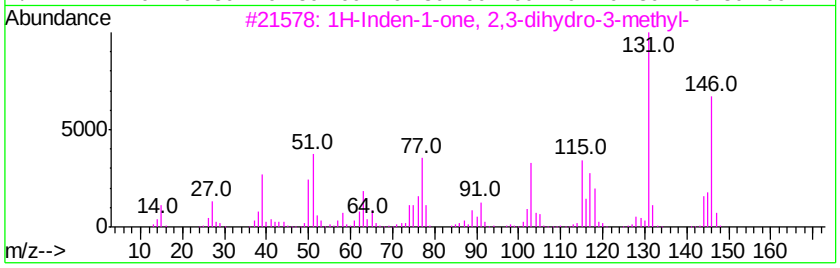


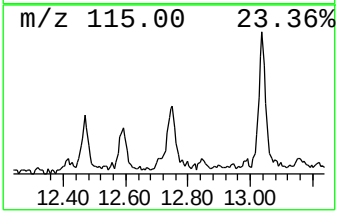












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Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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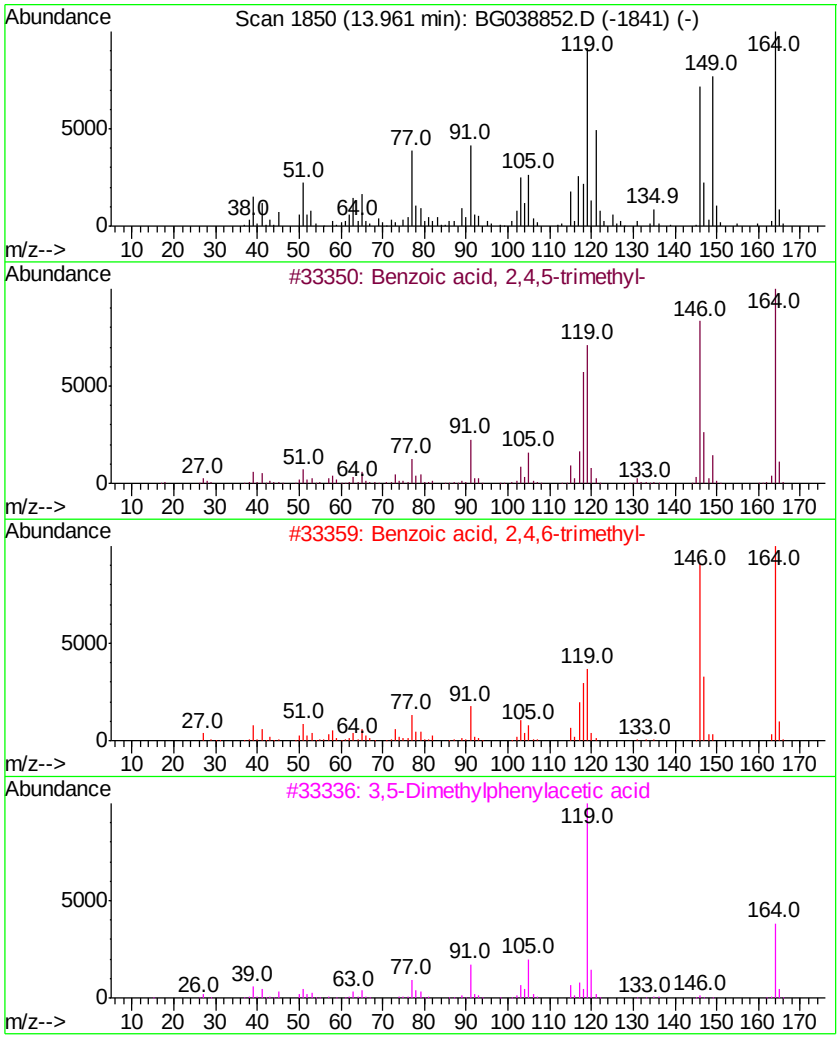
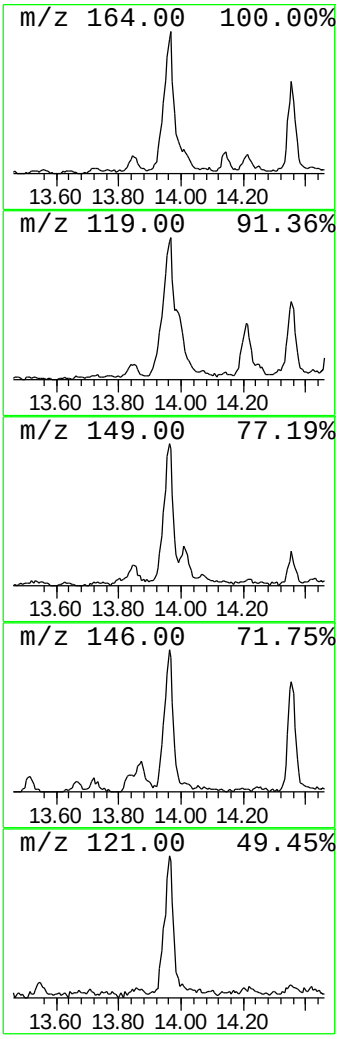
Peak Number 17 Benzoic acid, 2,4,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	26.68 ng	602755	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2,4,5-trimethyl-	164	C10H12O2	000528-90-5	62
2	Benzoic acid, 2,4,6-trimethyl-	164	C10H12O2	000480-63-7	49
3	3,5-Dimethylphenylacetic acid	164	C10H12O2	042288-46-0	43
4	Ethyl 4-methylbenzoate	164	C10H12O2	000094-08-6	38
5	3,6-Dimethyl-4H-furo[3,2-c]pyran...	164	C9H8O3	036745-38-7	30





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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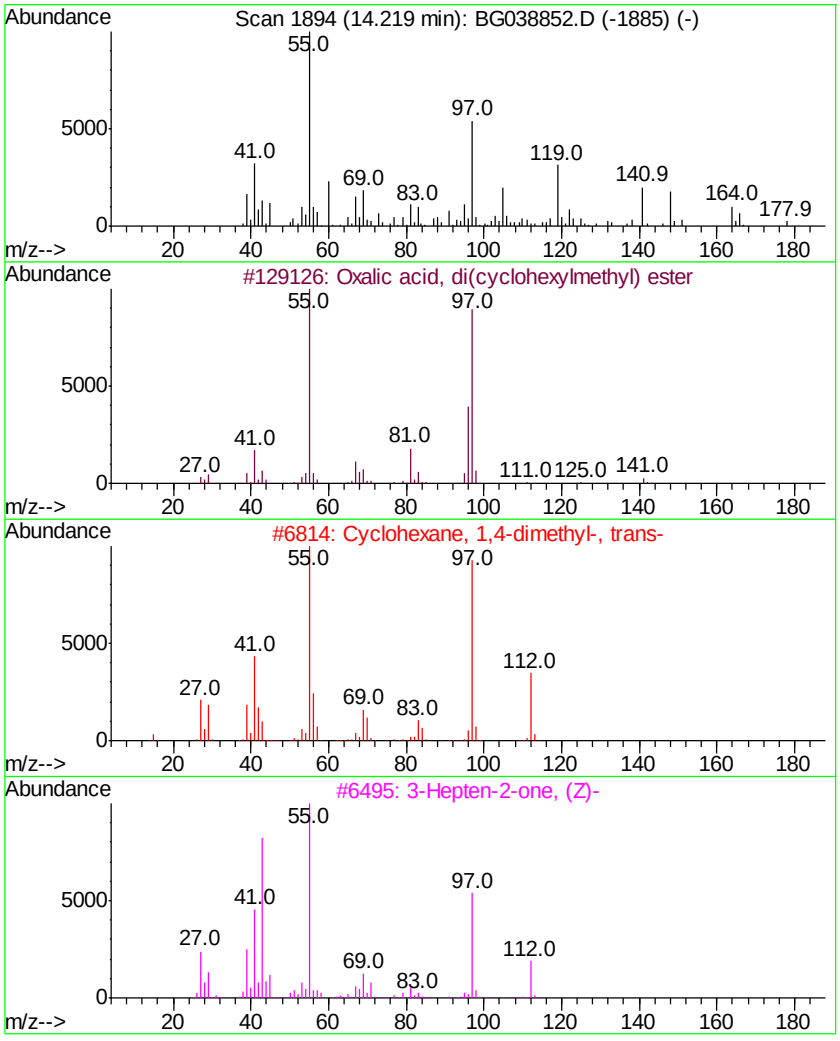
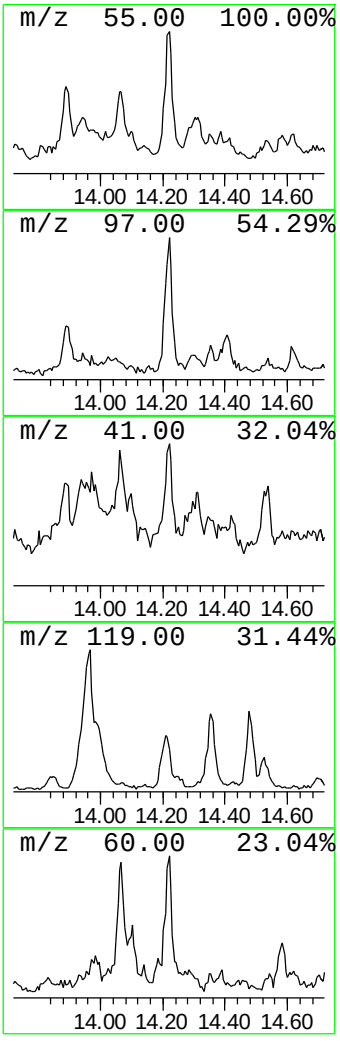
Peak Number 18 unknown14.22 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.22	8.30 ng	187402	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	27
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	22
3	3-Hepten-2-one, (Z)-	112	C7H12O	069668-88-8	22
4	3-Thiopheneacetamide	141	C6H7NOS	013781-66-3	22
5	Cycloheptane, bromo-	176	C7H13Br	002404-35-5	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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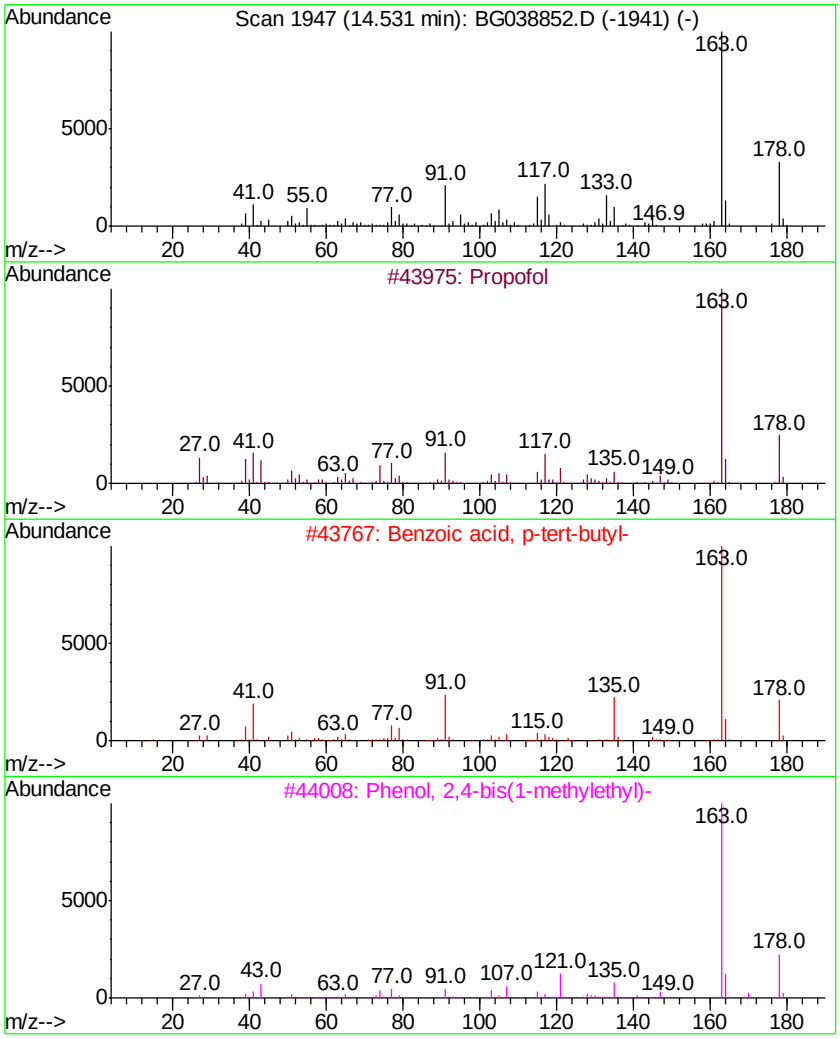
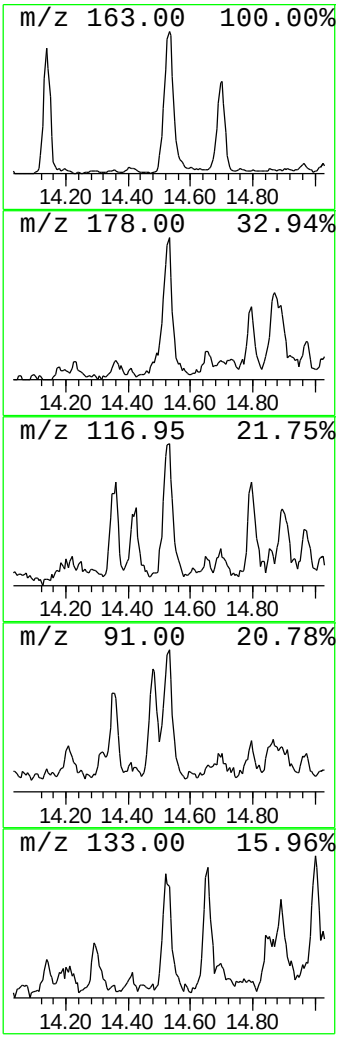
Peak Number 19 Propofol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	9.12 ng	206140	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propofol	178	C12H18O	002078-54-8	83
2	Benzoic acid, p-tert-butyl-	178	C11H14O2	000098-73-7	64
3	Phenol, 2,4-bis(1-methylethyl)-	178	C12H18O	002934-05-6	64
4	Benzene, 1-(1,1-dimethylethyl)-2...	178	C12H18O	000088-40-4	59
5	6-tert-Butyl-2,4-dimethylphenol	178	C12H18O	001879-09-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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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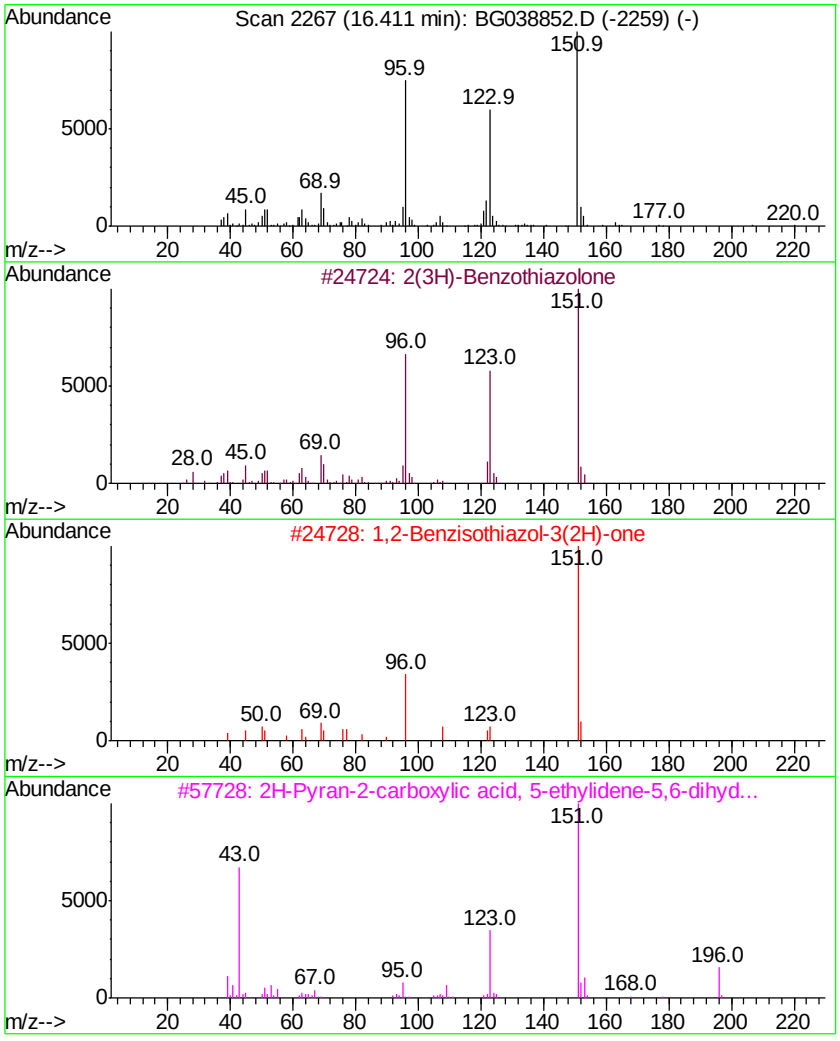
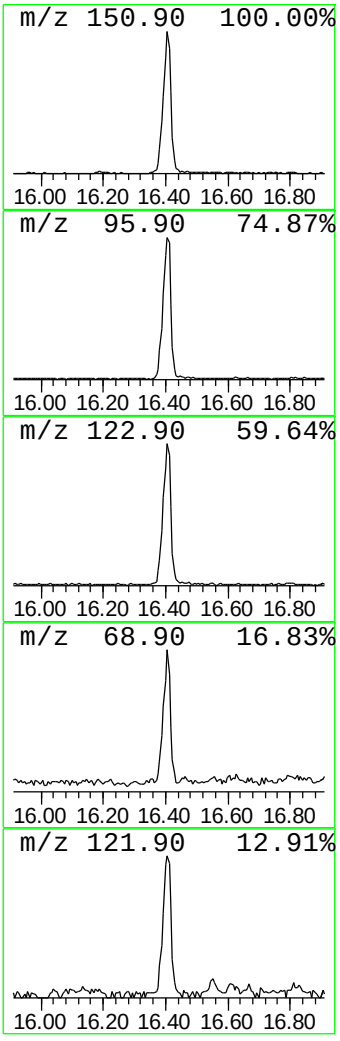
Peak Number 20 2(3H)-Benzothiazolone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	13.84 ng	340110	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(3H)-Benzothiazolone	151	C7H5NOS	000934-34-9	97
2	1,2-Benzisothiazol-3(2H)-one	151	C7H5NOS	002634-33-5	53
3	2H-Pyran-2-carboxylic acid, 5-et...	196	C10H12O4	019776-81-9	53
4	6-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	057250-39-2	50
5	1,2,4-Triazolo[4,3-a]pyridine-3(...	151	C6H5N3S	006952-68-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122718\
Data File : BG038852.D
Acq On : 27 Dec 2018 20:37
Operator : JU/SJ
Sample : J6549-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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
unknown7.59	7.59	47.0	ng	438039	1	8.06	186518	20.0
Indane	8.42	12.4	ng	115737	1	8.06	186518	20.0
Benzene, 2-ethyl-...	9.15	8.7	ng	80742	1	8.06	186518	20.0
Benzene, 1-methyl...	10.25	11.6	ng	190560	2	10.87	328666	20.0
unknown10.44	10.44	6.4	ng	104986	2	10.87	328666	20.0
unknown10.58	10.58	9.9	ng	161985	2	10.87	328666	20.0
2-Methylindan-2-ol	11.29	12.0	ng	197737	2	10.87	328666	20.0
4-Methylphenyl ac...	11.35	22.8	ng	374555	2	10.87	328666	20.0
unknown11.63	11.63	10.4	ng	171107	2	10.87	328666	20.0
Benzeneethanol, ...	11.67	19.3	ng	317037	2	10.87	328666	20.0
unknown12.02	12.02	8.5	ng	139148	2	10.87	328666	20.0
Benzene, 1-ethyl-...	12.47	12.3	ng	202172	2	10.87	328666	20.0
2(1H)-Naphthaleno...	12.67	40.7	ng	668508	2	10.87	328666	20.0
1H-Inden-1-one, 2...	12.74	8.5	ng	139132	2	10.87	328666	20.0
Benzoic acid, 2,4...	13.96	26.7	ng	602755	3	14.70	451841	20.0
unknown14.22	14.22	8.3	ng	187402	3	14.70	451841	20.0
Propofol	14.53	9.1	ng	206140	3	14.70	451841	20.0
2(3H)-Benzothiazo...	16.41	13.8	ng	340110	4	17.44	491614	20.0