LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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	3.179	11	15	25	rVB	52472	81072	1.44%	0.272%
2	3.273	25	31	44	rBV2	42416	109587	1.95%	0.368%
3	3.473	60	65	70	rBV	74528	112373	2.00%	0.377%
4	4.325	175	210	213	rVB3	124691	902413	16.04%	3.027%
5	4.977	305	321	324	rBV	54221	173499	3.08%	0.582%
6	5.142	335	349	369	rVB	181862	486503	8.65%	1.632%
7	5.559	407	420	423	rBV4	28791	88425	1.57%	0.297%
8	5.612	423	429	438	rVB	241246	407281	7.24%	1.366%
9	6.105	506	513	522	rBV	130871	207131	3.68%	0.695%
10	6.381	548	560	566	rBV	403477	799919	14.22%	2.683%
11	7.116	671	685	691	rBV3	44827	140755	2.50%	0.472%
12	7.222	696	703	715	rVB2	182885	391187	6.95%	1.312%
13	7.586	759	765	773	rVB	463976	822524	14.62%	2.759%
14	8.009	827	837	840	rBV	26293	58154	1.03%	0.195%
15	8.056	840	845	848	rVV2	106526	190822	3.39%	0.640%
16	8.097	848	852	861	rVB	303668	493950	8.78%	1.657%
17	8.309	880	888	894	rBV	523085	968863	17.22%	3.250%
18	8.379	894	900	908	rVB	367731	671203	11.93%	2.251%
19	8.831	970	977	984	rBV2	33963	67125	1.19%	0.225%
20	9.237	1038	1046	1059	rVB	337181	620175	11.02%	2.080%
21	9.466	1061	1085	1098	rBV	194729	874853	15.55%	2.934%
22	9.595	1101	1107	1114	rBV3	55020	106955	1.90%	0.359%
23	10.065	1174	1187	1201	rBV8	94954	381748	6.78%	1.280%
24	10.253	1202	1219	1222	rVV3	134218	431635	7.67%	1.448%
25	10.312	1225	1229	1233	rVV3	169949	319522	5.68%	1.072%
26	10.365	1233	1238	1249	rVB2	85466	178099	3.17%	0.597%
27	10.629	1276	1283	1292	rBV	493331	843075	14.98%	2.828%
28	10.870	1316	1324	1330	rBV	155785	306267	5.44%	1.027%
29	11.117	1354	1366	1371	rBV	252360	610516	10.85%	2.048%
30	11.164	1371	1374	1379	rVV	52999	77409	1.38%	0.260%
31	11.223	1379	1384	1389	rVV	33725	69448	1.23%	0.233%
32	11.464	1420	1425	1434	rVB2	42465	98810	1.76%	0.331%
33	11.605	1441	1449	1457	rVB4	62416	143129	2.54%	0.480%
34	11.722	1458	1469	1479	rVB4	63534	207198	3.68%	0.695%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
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Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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	11.851	1485	1491	1496	rBV2	44472	101537	1.80%	0.341%
36	12.098	1524	1533	1538	rVB2	76644	179364	3.19%	0.602%
37	12.198	1545	1550	1556	rVB4	39526	75648	1.34%	0.254%
38	12.280	1556	1564	1571	rBV7	47031	119510	2.12%	0.401%
39	12.586	1610	1616	1626	rVB4	52988	113870	2.02%	0.382%
40	12.750	1638	1644	1650	rBV2	30292	66876	1.19%	0.224%
41	12.827	1650	1657	1663	rBV	103499	192156	3.42%	0.645%
42	13.121	1699	1707	1717	rVB3	104117	216429	3.85%	0.726%
43	13.314	1730	1740	1746	rBV	1012772	1663002	29.56%	5.578%
44	13.491	1762	1770	1778	rVB7	27178	77030	1.37%	0.258%
45	13.614	1784	1791	1798	rBV2	122690	264322	4.70%	0.887%
46	13.826	1823	1827	1833	rBV3	32202	68595	1.22%	0.230%
47	14.072	1860	1869	1873	rBV6	50080	104488	1.86%	0.350%
48	14.114	1873	1876	1883	rVB3	32503	66210	1.18%	0.222%
49	14.249	1895	1899	1905	rVB	85147	134945	2.40%	0.453%
50	14.531	1942	1947	1951	rBV	72740	97331	1.73%	0.326%
51	14.695	1968	1975	1982	rVB2	210844	370882	6.59%	1.244%
52	15.706	2143	2147	2153	rVB2	83289	133685	2.38%	0.448%
53	16.188	2222	2229	2237	rVB2	945622	1432359	25.46%	4.804%
54	16.393	2260	2264	2272	rVB2	40808	77799	1.38%	0.261%
55	16.716	2314	2319	2325	rBV2	40105	62733	1.11%	0.210%
56	17.063	2373	2378	2390	rVB	93700	167225	2.97%	0.561%
57	17.439	2436	2442	2455	rVB2	275412	466147	8.28%	1.563%
58	18.074	2547	2550	2556	rVB	38649	62956	1.12%	0.211%
59	19.055	2712	2717	2723	rBV	177486	240421	4.27%	0.806%
60	19.513	2788	2795	2799	rVB	4224212	5626436	100.00%	18.872%
61	20.042	2879	2885	2891	rVB	1743002	2329501	41.40%	7.813%
62	20.488	2957	2961	2970	rVB	215621	270163	4.80%	0.906%
63	20.794	3009	3013	3019	rVB	468064	576178	10.24%	1.933%
64	21.716	3164	3170	3179	rVB	291930	493850	8.78%	1.656%
65	23.291	3431	3438	3447	rVB	387056	752279	13.37%	2.523%
66	23.655	3493	3500	3508	rVB2	60733	132062	2.35%	0.443%
67	23.973	3549	3554	3562	rVB2	30640	71461	1.27%	0.240%
68	25.018	3722	3732	3743	rVB	166860	498058	8.85%	1.671%
69	26.076	3905	3912	3921	rVB3	22107	67278	1.20%	0.226%

Sum of corrected areas: 29814411

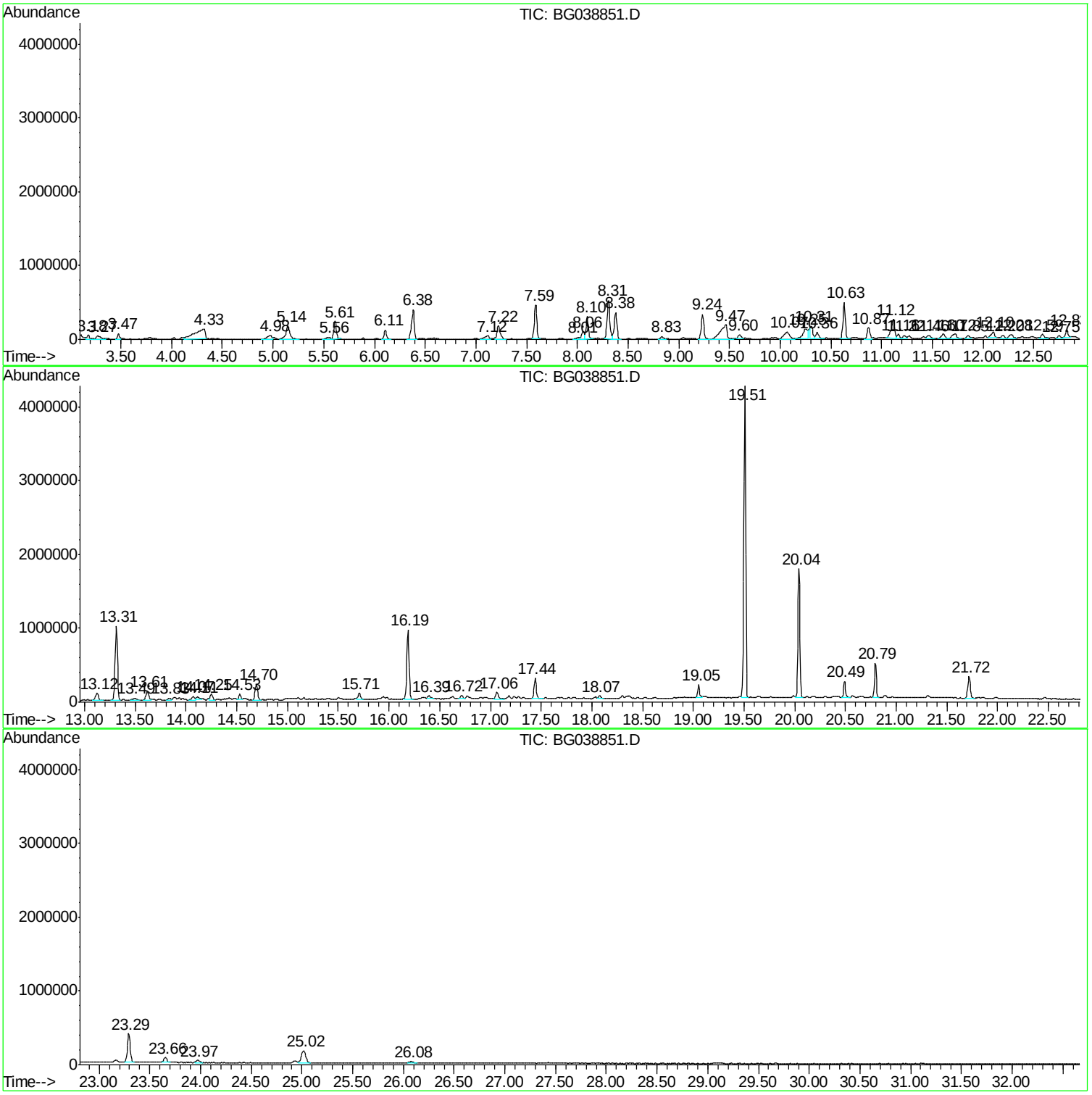
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

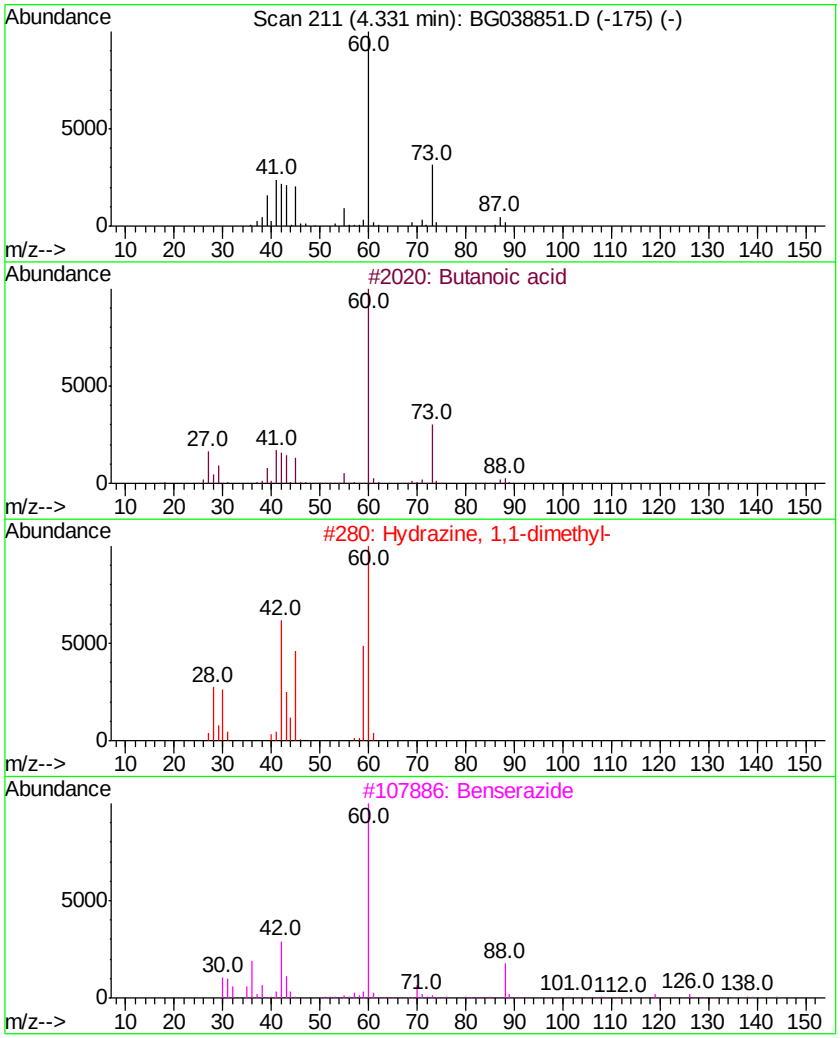
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

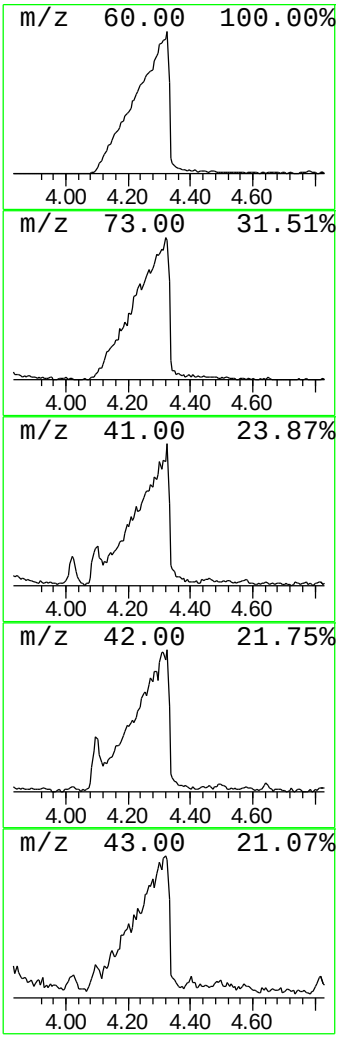
****

Peak Number 2 unknown4.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	94.58 ng	902413	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	43
2	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
3	Benserazide	257	C10H15N3O5	000322-35-0	9
4	Pentanoic acid	102	C5H10O2	000109-52-4	9
5	4-Bromobutyric acid	166	C4H7BrO2	002623-87-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

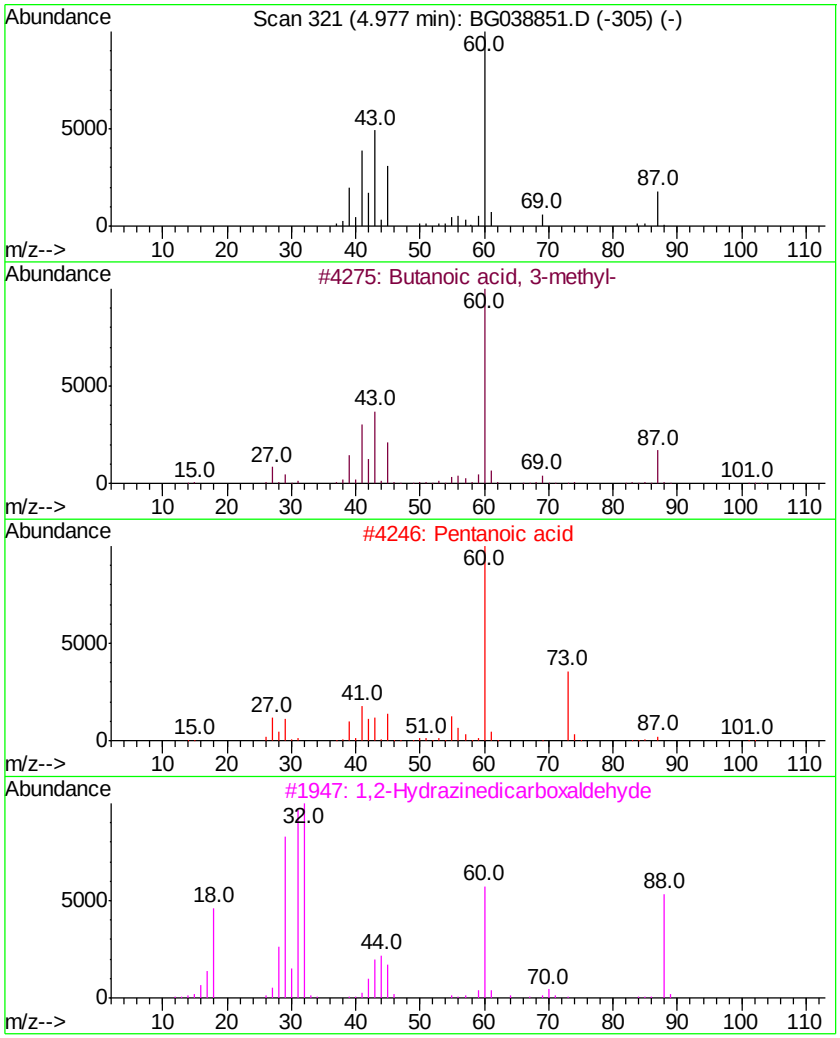
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

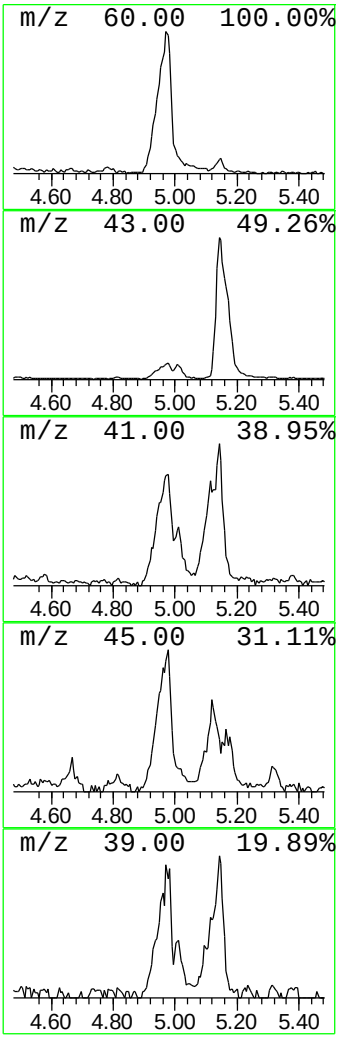
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	18.18 ng	173499	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	45
3	1,2-Hydrazinedicarboxaldehyde	88	C2H4N2O2	000628-36-4	39
4	1-Pentanamine	87	C5H13N	000110-58-7	9
5	Formic acid hydrazide	60	CH4N2O	000624-84-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

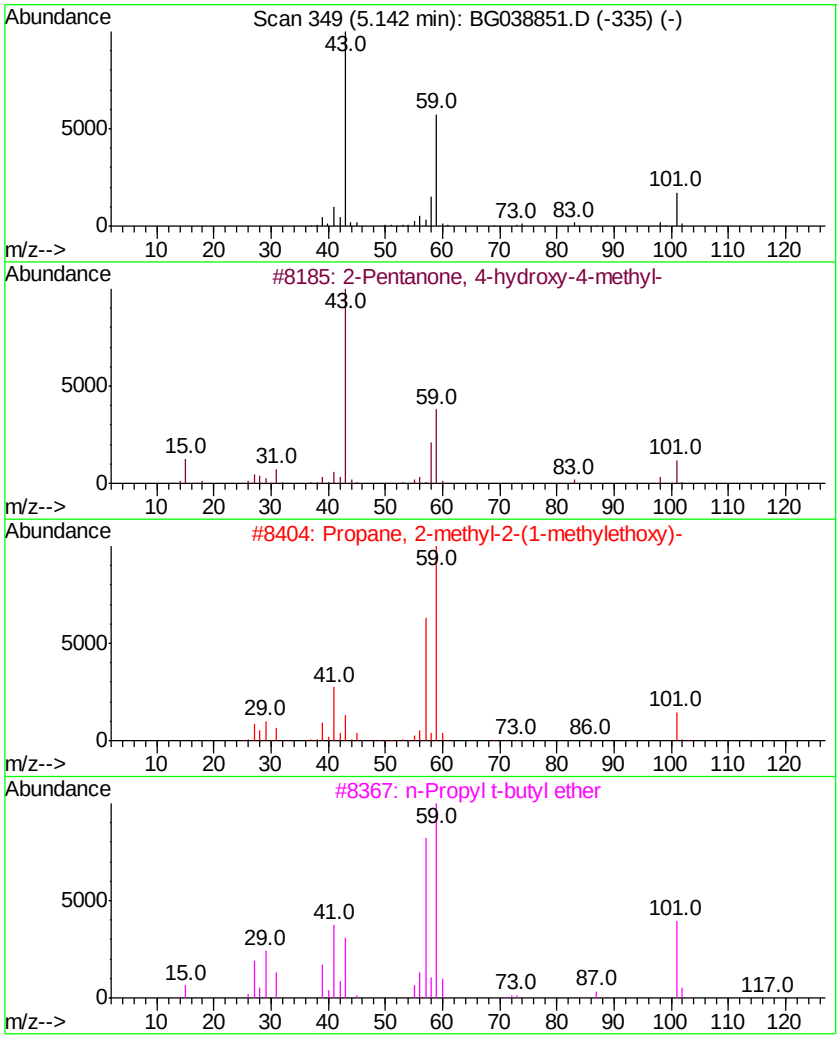
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

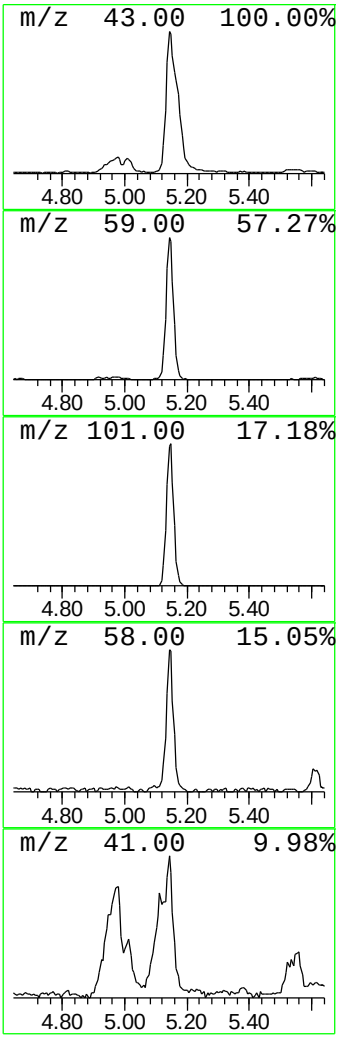
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	50.99 ng	486503	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	25
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

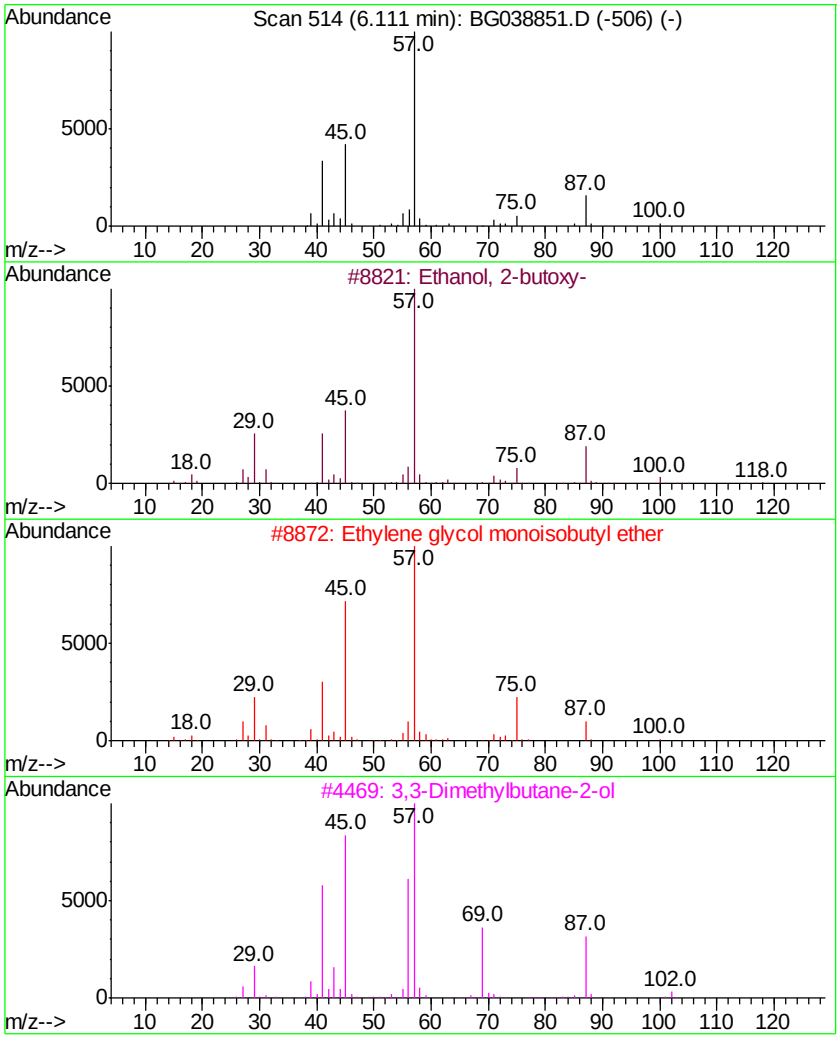
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

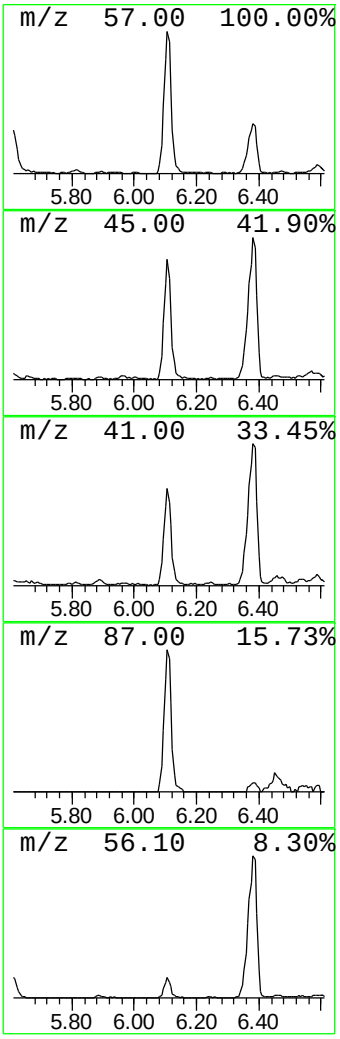
****

Peak Number 5 Ethanol, 2-butoxy- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	21.71 ng	207131	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	74
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	40
4	n-Butyl ether	130	C8H18O	000142-96-1	25
5	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

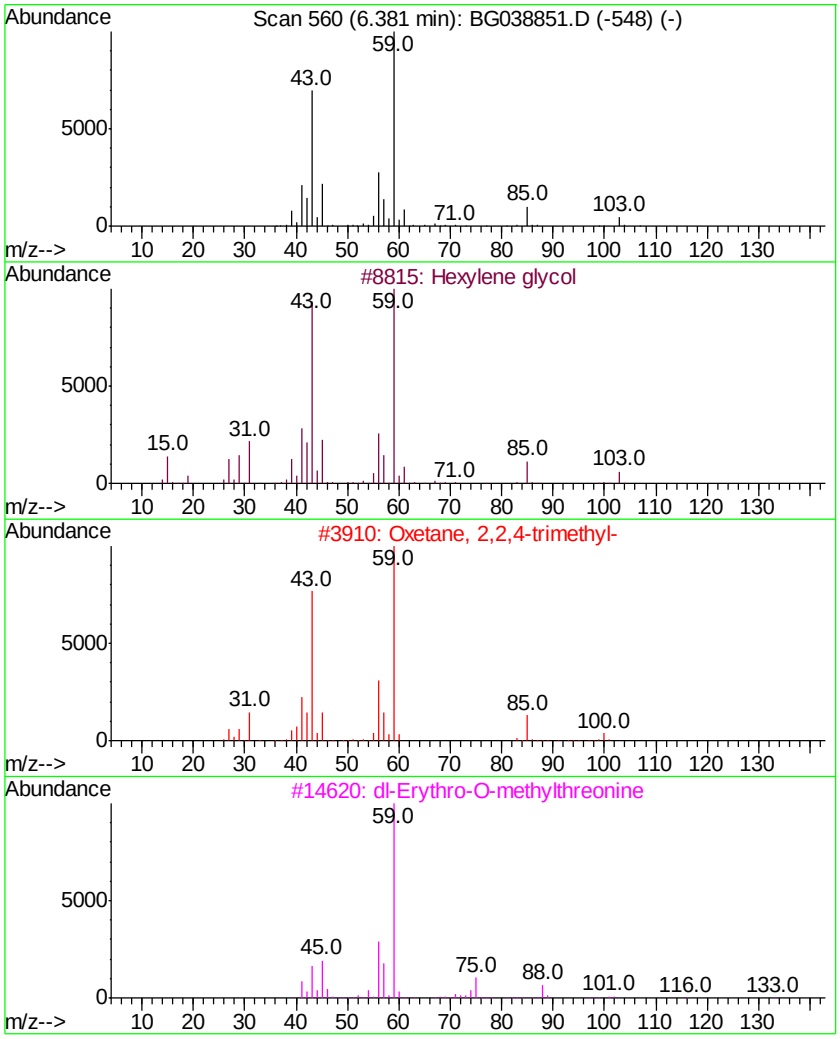
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

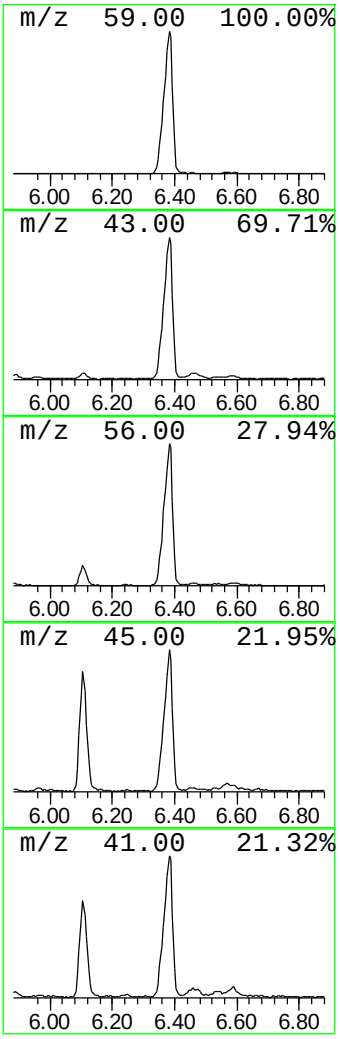
****

Peak Number 6 Hexylene glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	83.84 ng	799919	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexylene glycol	118	C6H14O2	000107-41-5	78
2	Oxetane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	72
3	dl-Erythro-O-methylthreonine	133	C5H11NO3	1000214-70-7	50
4	N,N-Dimethylformamide-di-t-butyl...	203	C11H25NO2	036805-97-7	45
5	2-Propanol, 1-methoxy-2-methyl-	104	C5H12O2	003587-64-2	42





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

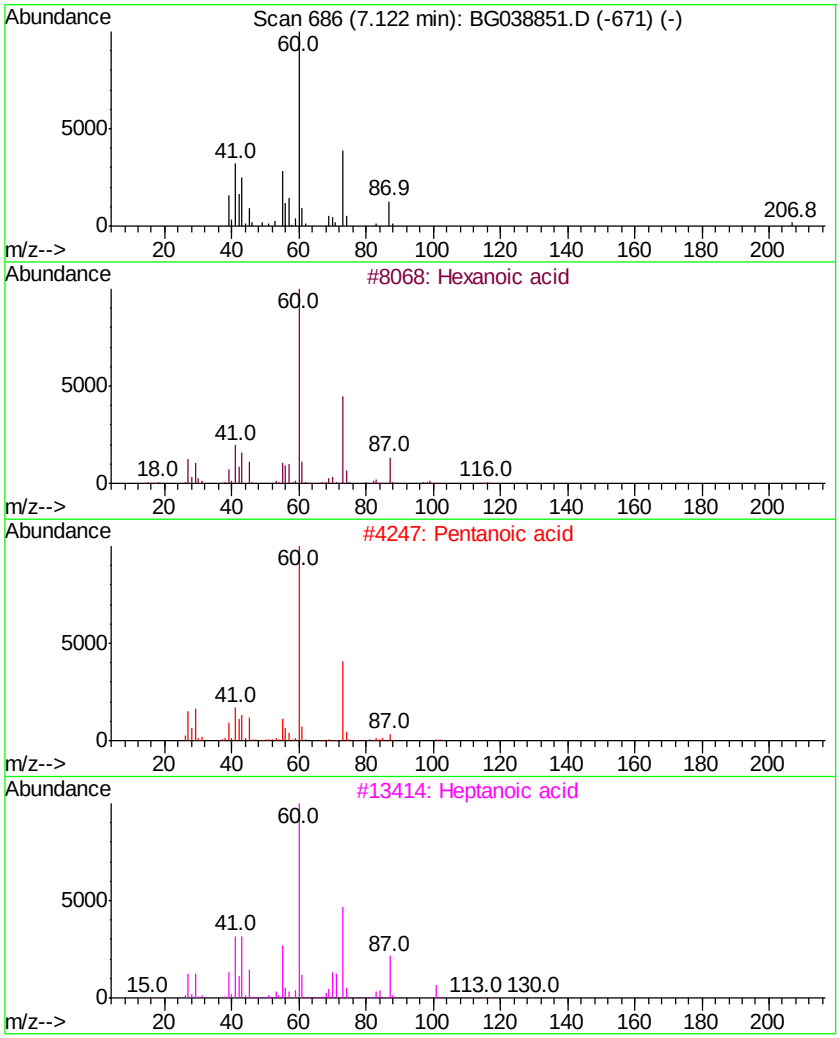
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

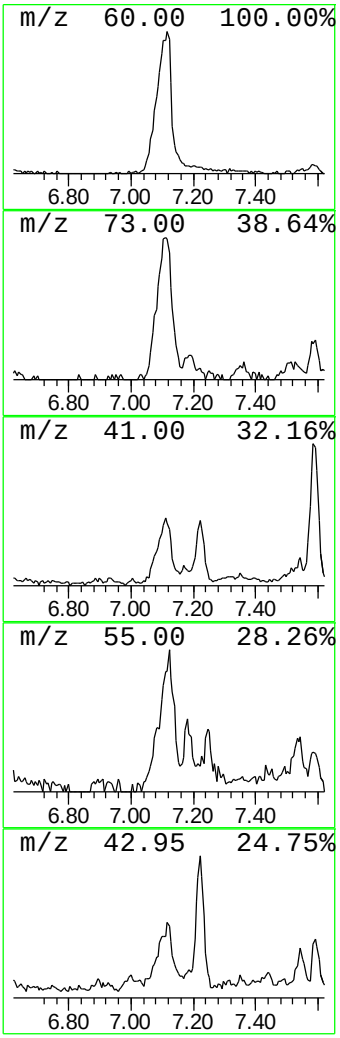
****

Peak Number 7 Hexanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	14.75 ng	140755	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	72
3	Heptanoic acid	130	C7H14O2	000111-14-8	56
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	45
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

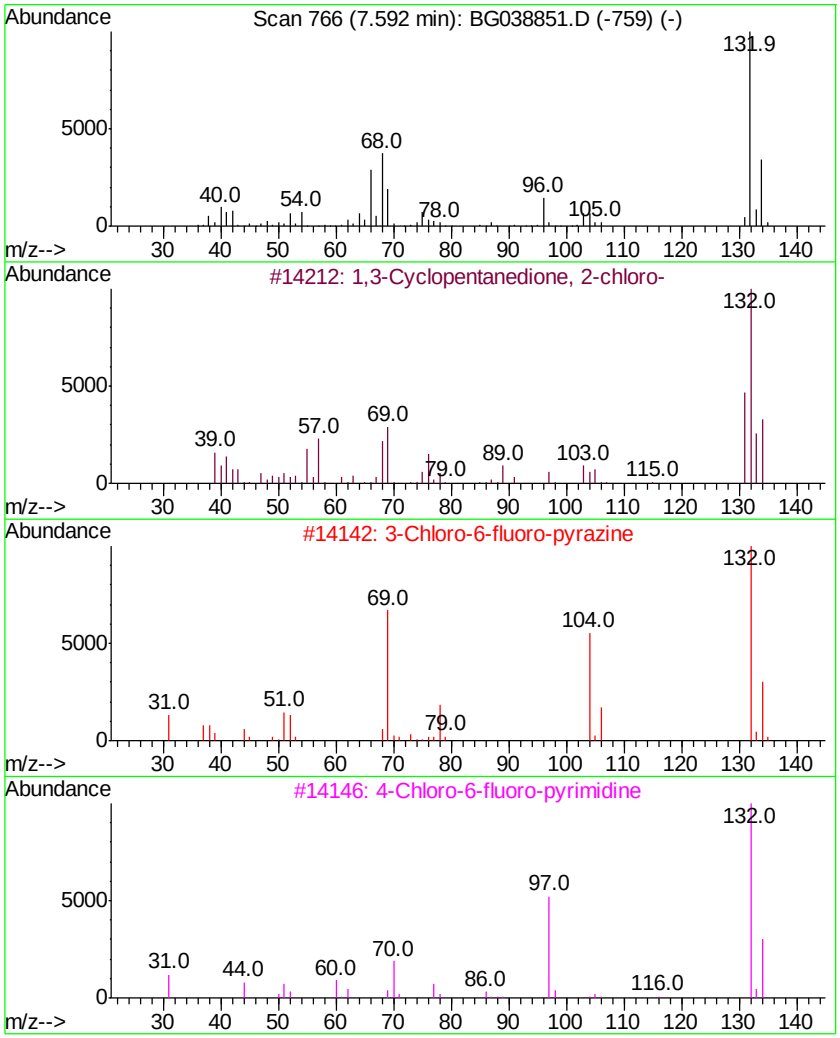
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

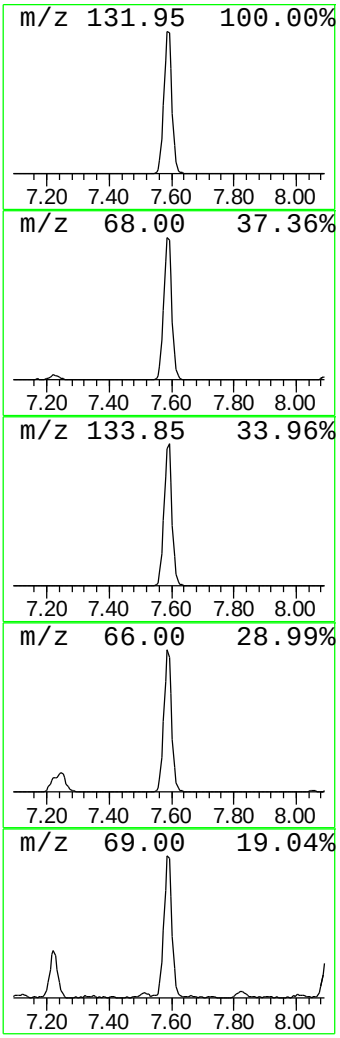
****

Peak Number 8 unknown7.59 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	86.21 ng	822524	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17





Library Search Compound Report

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Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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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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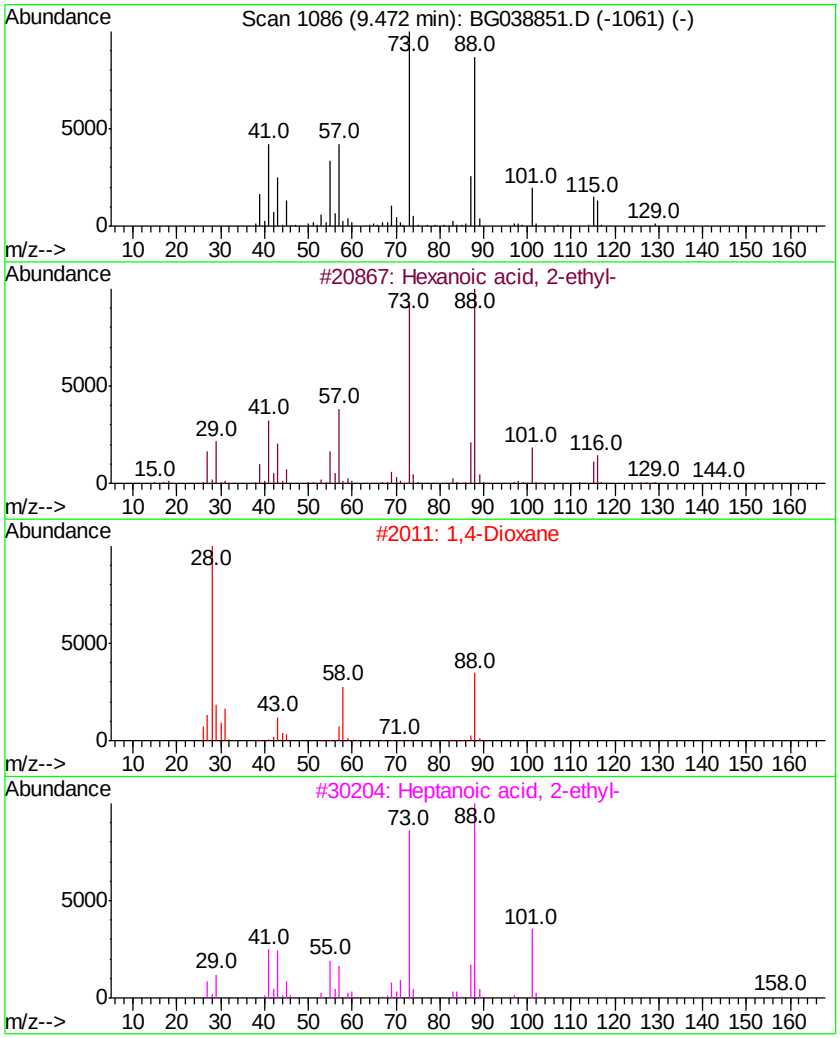
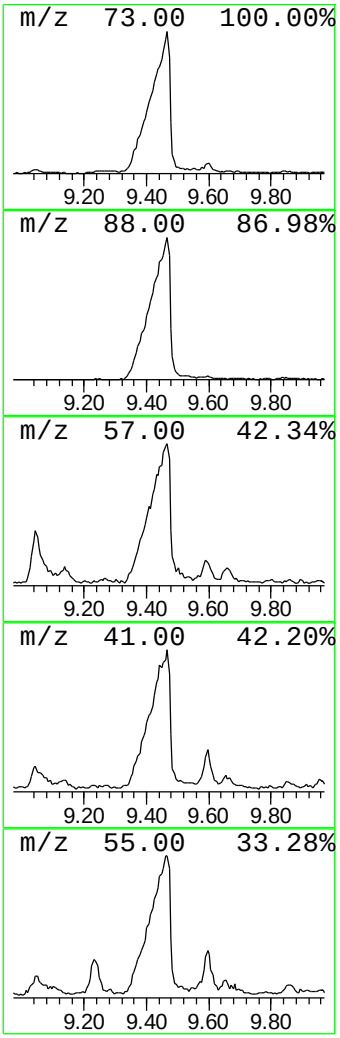
Peak Number 10 Hexanoic acid, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	57.13 ng	874853	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	72
2	1,4-Dioxane	88	C4H8O2	000123-91-1	43
3	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	42
4	Butanoic acid, 2-ethyl-, 1,2,3-p...	386	C21H38O6	056554-54-2	42
5	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	37





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Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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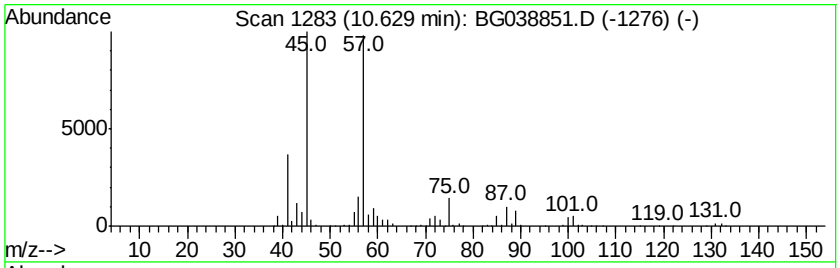
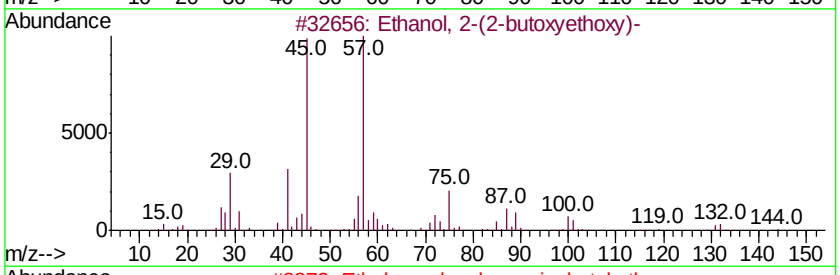
****

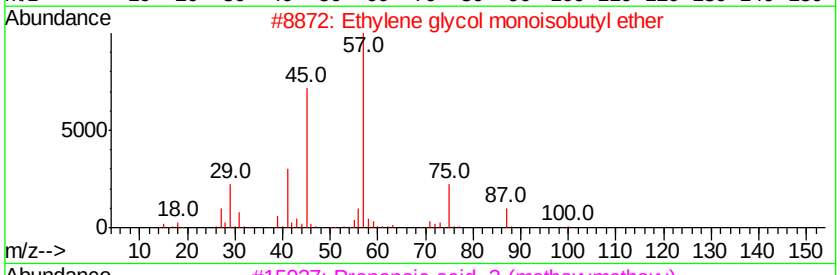
Peak Number 12 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 7

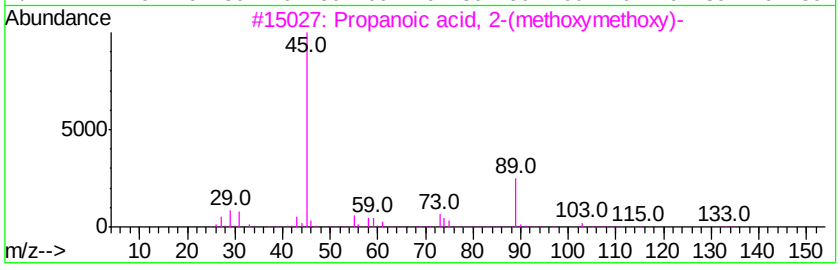
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.63	55.05 ng	843075	Naphthalene-d8	10.87

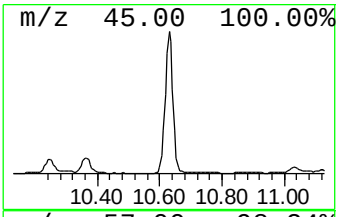
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
3	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	50
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50
5	Propanoic acid, 2-hydroxy-, buty...	146	C7H14O3	000138-22-7	47

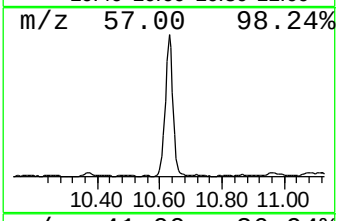


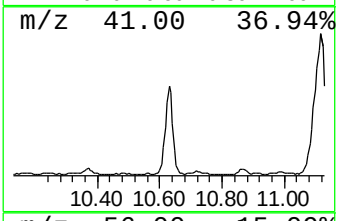


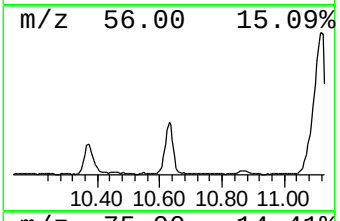


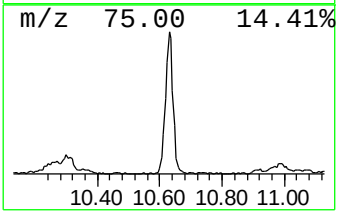












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Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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

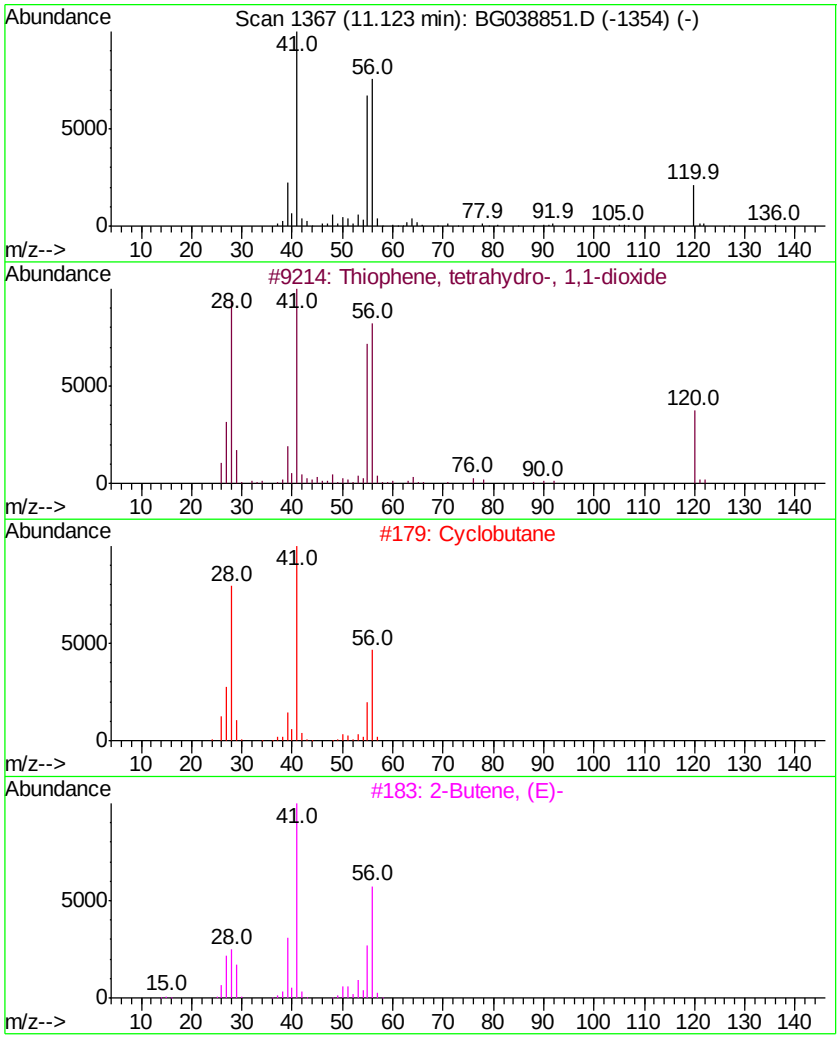
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

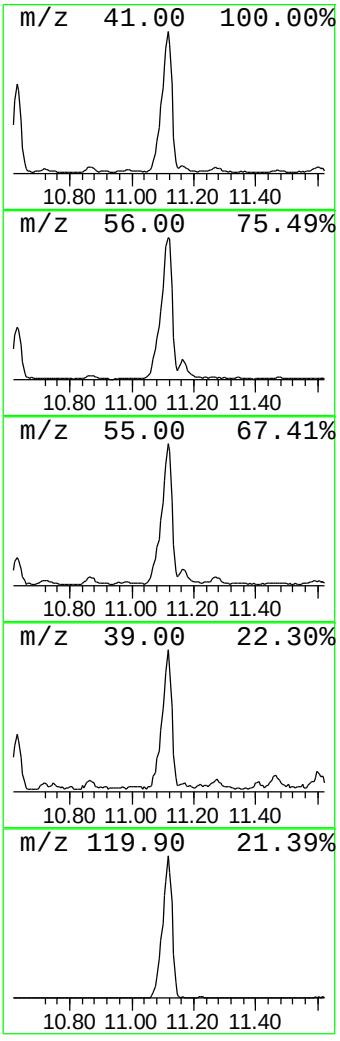
****

Peak Number 13 Thiophene, tetrahydro-, 1,1... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	39.87 ng	610516	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, tetrahydro-, 1,1-dioxide	120	C4H8O2S	000126-33-0	91
2	Cyclobutane	56	C4H8	000287-23-0	47
3	2-Butene, (E)-	56	C4H8	000624-64-6	47
4	2-Butene	56	C4H8	000107-01-7	38
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	38





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Instrument : BNA_G
ClientSampleId : COMP-5

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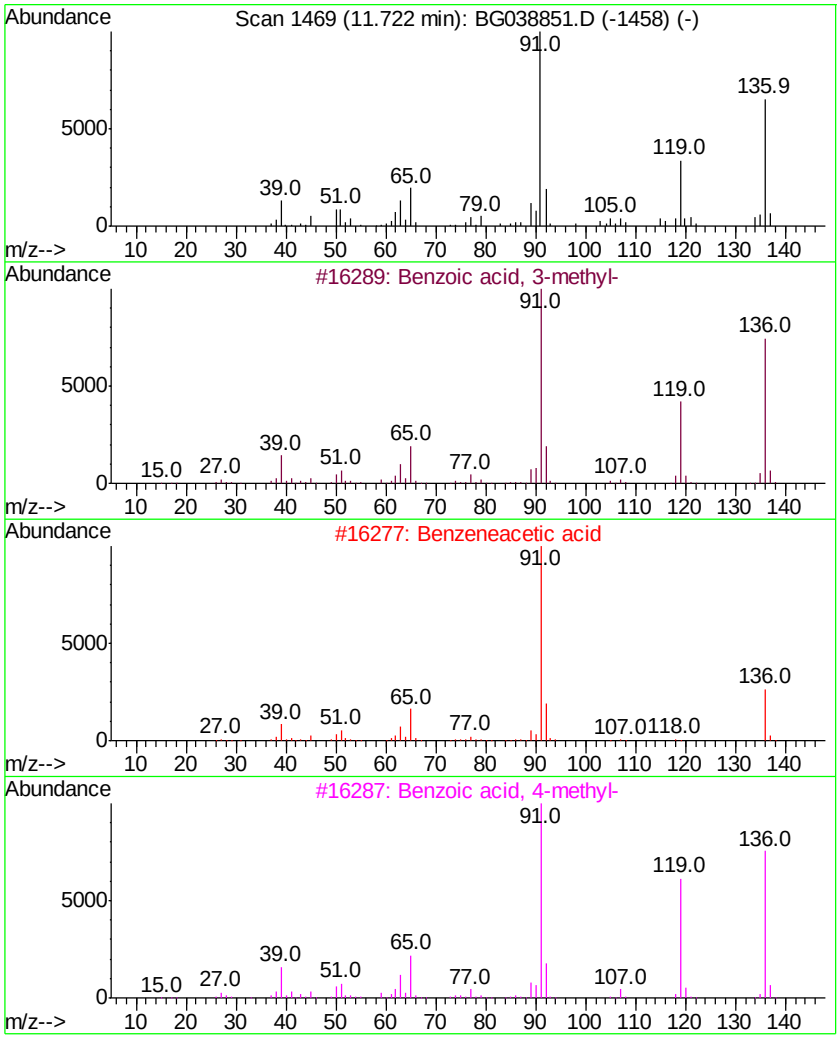
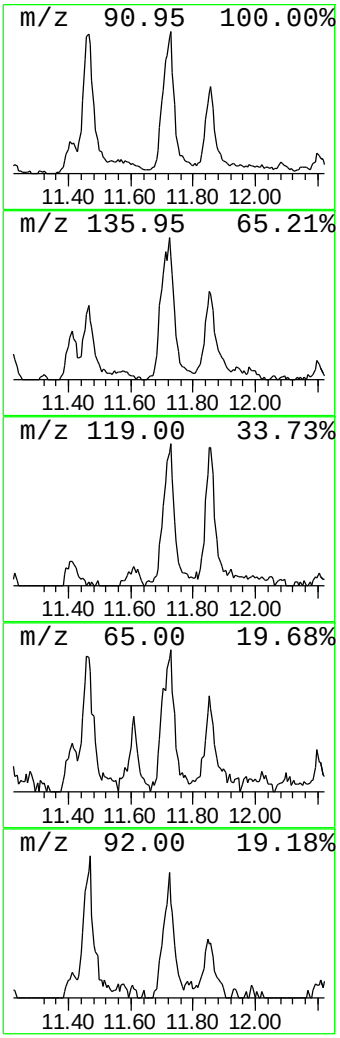
Peak Number 14 Benzoic acid, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	13.53 ng	207198	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 3-methyl-	136	C8H8O2	000099-04-7	96
2	Benzeneacetic acid	136	C8H8O2	000103-82-2	70
3	Benzoic acid, 4-methyl-	136	C8H8O2	000099-94-5	68
4	Propanedioic acid, phenyl-	180	C9H8O4	002613-89-0	49
5	p-Methylbenzeneboronic acid	136	C7H9BO2	005720-05-8	43





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Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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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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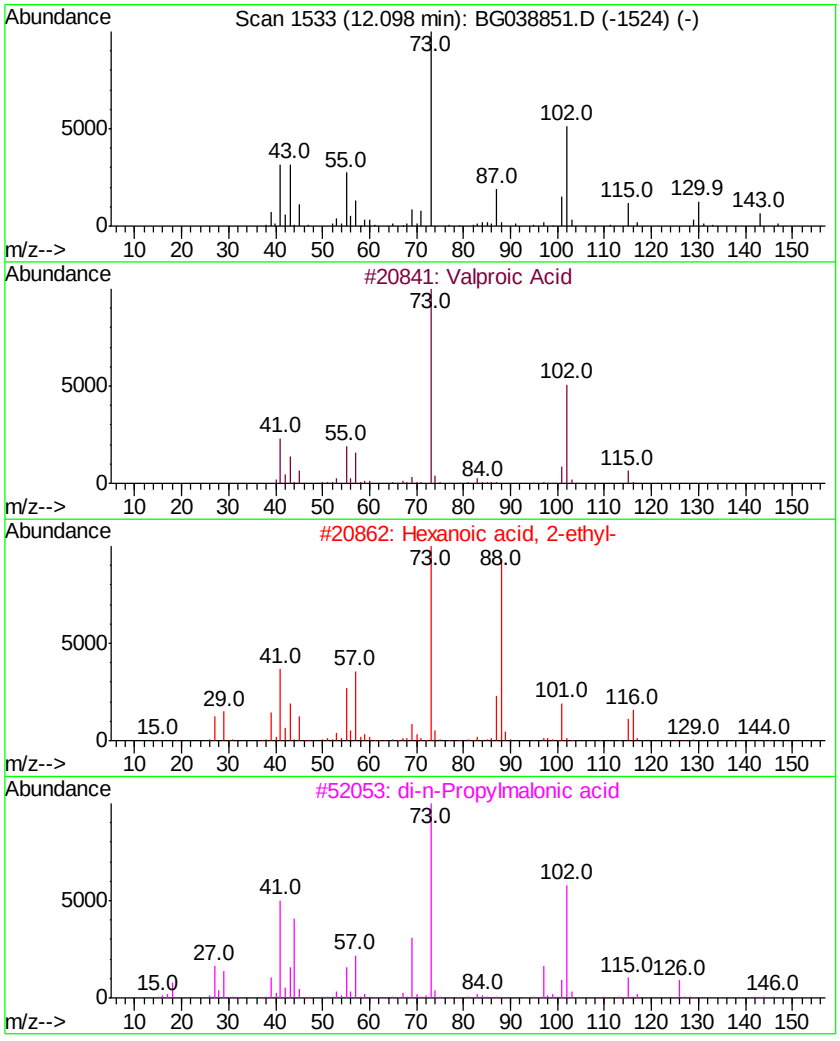
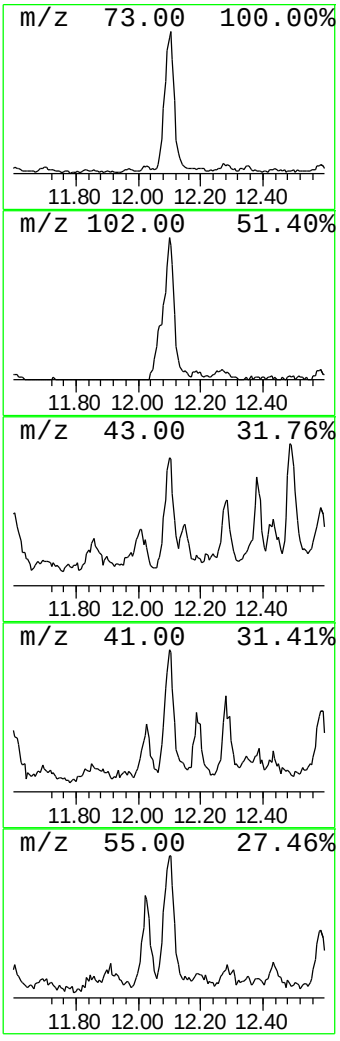
Peak Number 15 Valproic Acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.10	11.71 ng	179364	Naphthalene-d8	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Valproic Acid	144	C8H16O2	000099-66-1	50
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	38
3	di-n-Propylmalonic acid	188	C9H16O4	001636-27-7	37
4	2-Methyl-3-(methylthio)-1-propene	102	C5H10S	052326-10-0	32
5	Hexanoic acid, 2-ethyl-, methyl ...	158	C9H18O2	000816-19-3	32





Library Search Compound Report

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Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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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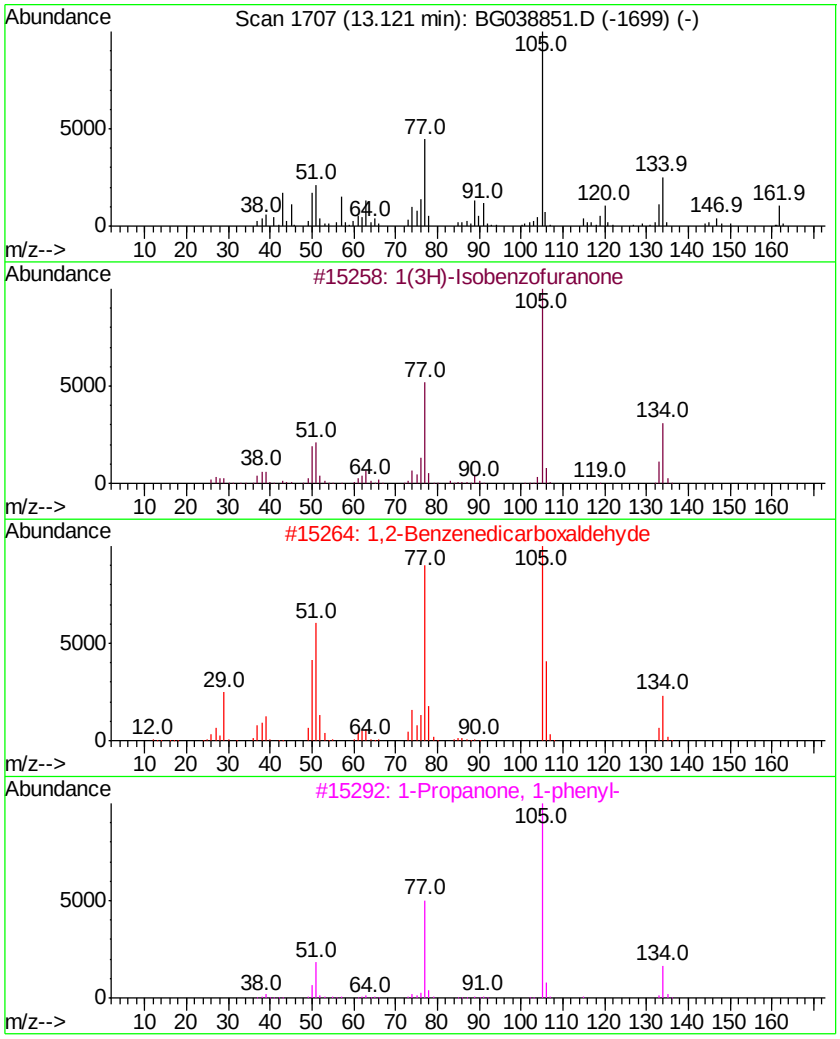
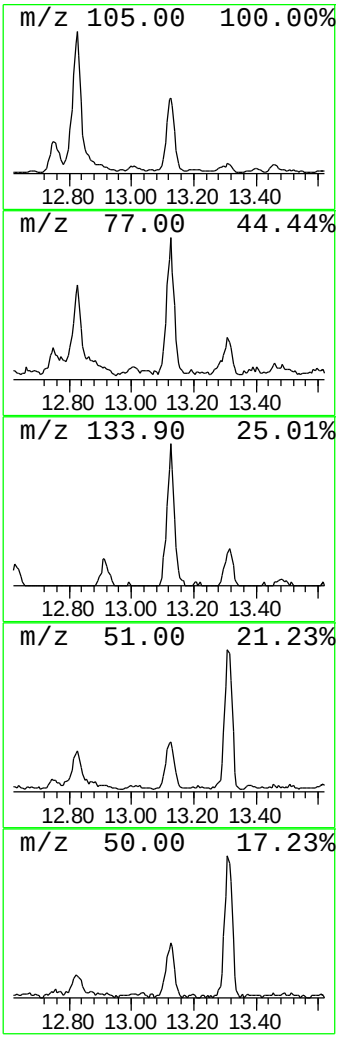
Peak Number 16 1(3H)-Isobenzofuranone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	11.67 ng	216429	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(3H)-Isobenzofuranone	134	C8H6O2	000087-41-2	81
2	1,2-Benzenedicarboxaldehyde	134	C8H6O2	000643-79-8	64
3	1-Propanone, 1-phenyl-	134	C9H10O	000093-55-0	50
4	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	43





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Instrument : BNA_G
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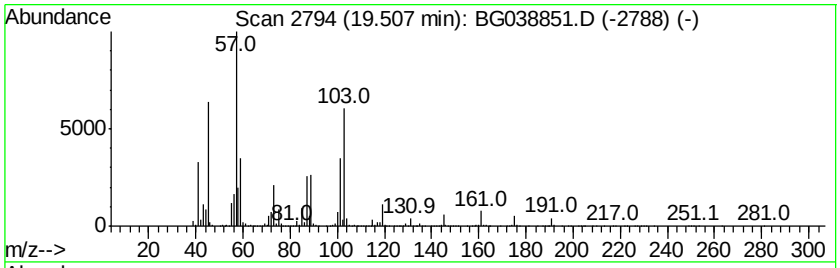
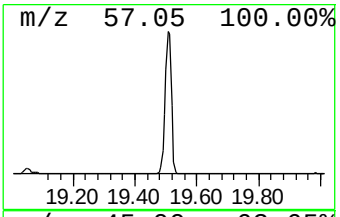
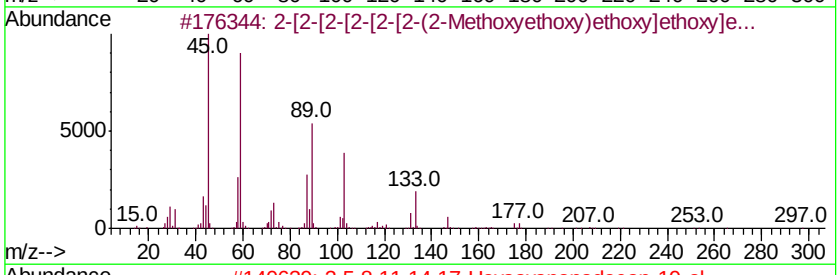
Peak Number 18 unknown19.51 Concentration Rank 1

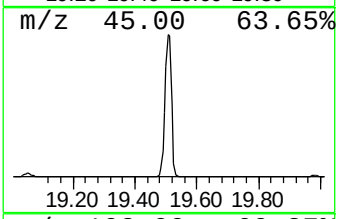
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	241.40 ng	5626440	Phenanthrene-d10	17.44

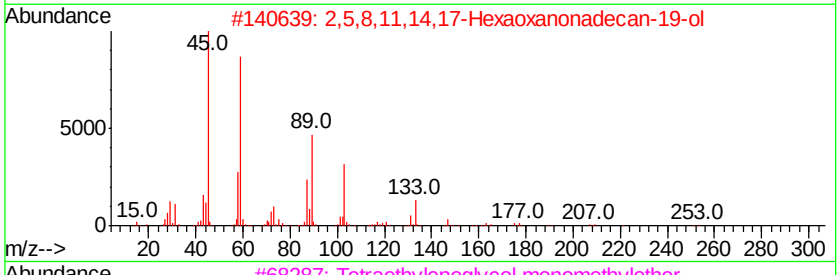
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-[2-[2-[2-[2-(2-Methoxyethox...	340	C15H32O8	1000352-04-1	38
2	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	38
3	Tetraethyleneglycol monomethylether	208	C9H20O5	023783-42-8	35
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	35
5	Ethanol, 2-[2-(2-methoxyethoxy)e...	164	C7H16O4	000112-35-6	35

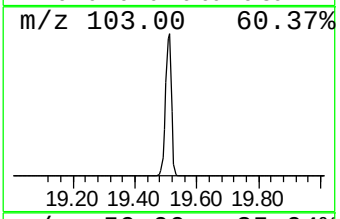


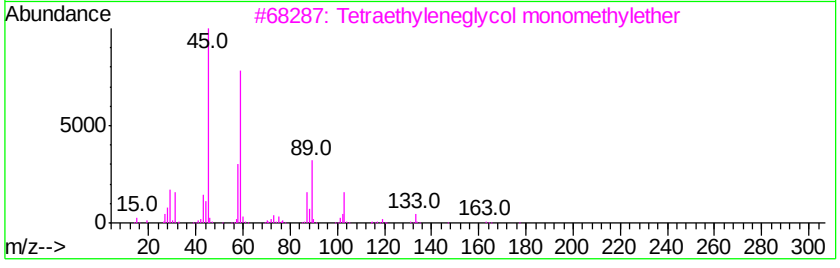


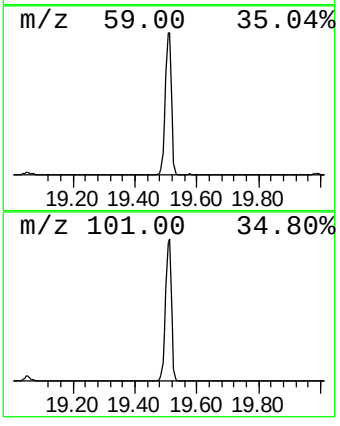












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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
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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
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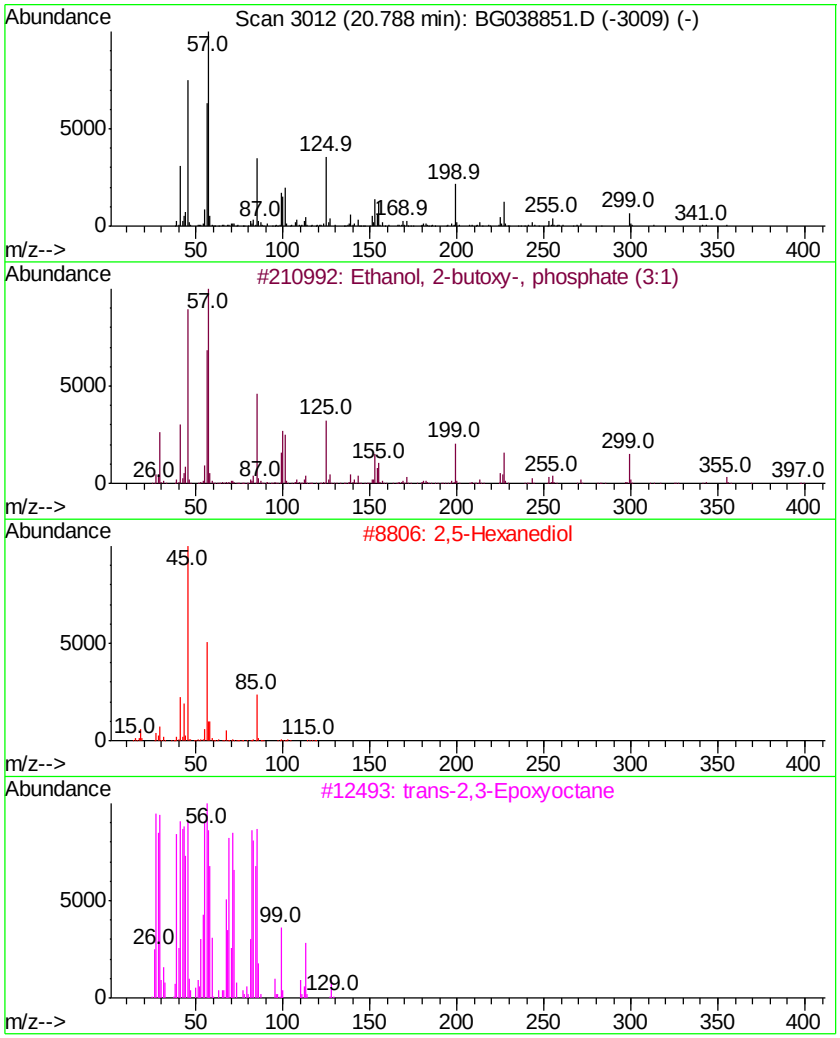
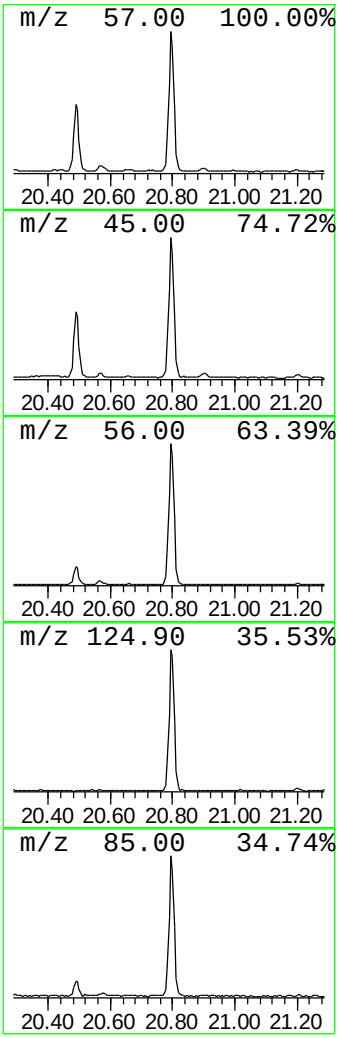
Peak Number 19 Ethanol, 2-butoxy-, phospha... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	23.33 ng	576178	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-, phosphate (3:1)	398	C18H39O7P	000078-51-3	64
2	2,5-Hexanediol	118	C6H14O2	002935-44-6	43
3	trans-2,3-Epoxyoctane	128	C8H16O	028180-70-3	43
4	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	25
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	22





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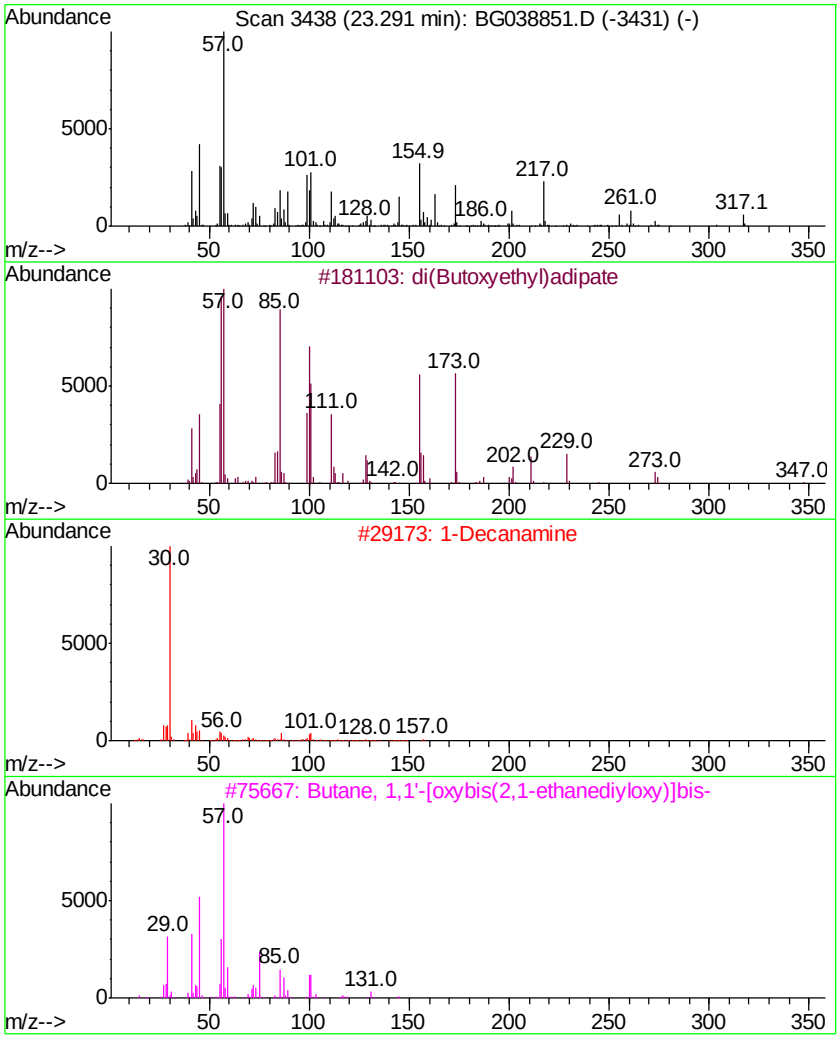
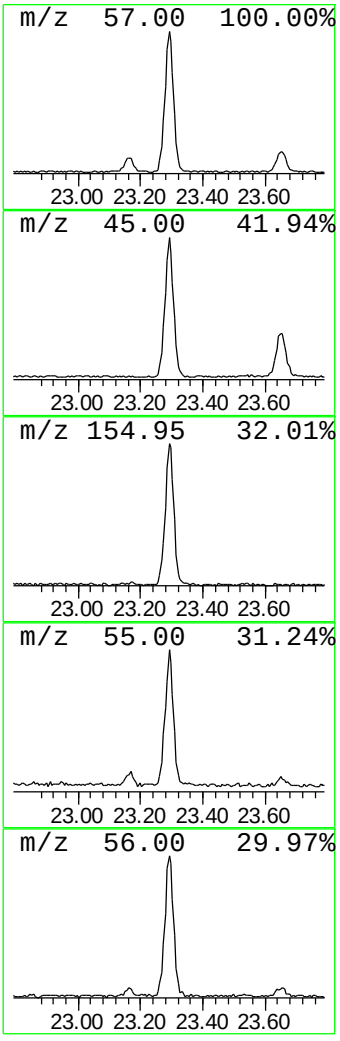
****

Peak Number 20 unknown23.29 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.29	30.47 ng	752279	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di(Butoxyethyl)adipate	346	C18H34O6	000141-18-4	25
2	1-Decanamine	157	C10H23N	002016-57-1	22
3	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	14
4	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	12
5	Bisethoxo(methoxo)oxovanadium	188	C5H13O4V	062450-00-4	12





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122718\
Data File : BG038851.D
Acq On : 27 Dec 2018 19:58
Operator : JU/SJ
Sample : J6533-19
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : COMP-5

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
unknown4.33	4.33	94.6	ng	902413	1	8.06	190822	20.0
Butanoic acid, 3-...	4.98	18.2	ng	173499	1	8.06	190822	20.0
2-Pentanone, 4-hy...	5.14	51.0	ng	486503	1	8.06	190822	20.0
Ethanol, 2-butoxy-	6.11	21.7	ng	207131	1	8.06	190822	20.0
Hexylene glycol	6.38	83.8	ng	799919	1	8.06	190822	20.0
Hexanoic acid	7.12	14.8	ng	140755	1	8.06	190822	20.0
unknown7.59	7.59	86.2	ng	822524	1	8.06	190822	20.0
Hexanoic acid, 2-...	9.47	57.1	ng	874853	2	10.87	306267	20.0
Ethanol, 2-(2-but...	10.63	55.0	ng	843075	2	10.87	306267	20.0
Thiophene, tetrah...	11.12	39.9	ng	610516	2	10.87	306267	20.0
Benzoic acid, 3-m...	11.72	13.5	ng	207198	2	10.87	306267	20.0
Valproic Acid	12.10	11.7	ng	179364	2	10.87	306267	20.0
1(3H)-Isobenzofur...	13.12	11.7	ng	216429	3	14.69	370882	20.0
unknown19.51	19.51	241.4	ng	5626440	4	17.44	466147	20.0
Ethanol, 2-butoxy...	20.79	23.3	ng	576178	5	21.72	493850	20.0
unknown23.29	23.29	30.5	ng	752279	5	21.72	493850	20.0