LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091120\
Data File : BG046600.D
Acq On : 11 Sep 2020 17:26
Operator : CG/JU
Sample : L3976-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BSY-WC-WATER-DRUM

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-BG082520.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	3.128	3	7	28	rVB	1227562	1814782	38.60%	8.805%
2	5.514	406	413	423	rBV	455731	740586	15.75%	3.593%
3	6.577	587	594	603	rBV	62413	97932	2.08%	0.475%
4	7.100	676	683	700	rBV	277038	502676	10.69%	2.439%
5	7.929	817	824	830	rBV	222280	387122	8.23%	1.878%
6	7.993	830	835	842	rVB	85623	132076	2.81%	0.641%
7	9.080	1008	1020	1039	rBV	633071	1148494	24.43%	5.572%
8	10.725	1292	1300	1308	rBV	302366	568091	12.08%	2.756%
9	13.181	1710	1718	1731	rBV	1749473	2863412	60.91%	13.892%
10	14.004	1852	1858	1870	rBV	100935	178740	3.80%	0.867%
11	14.556	1944	1952	1961	rBV	535303	860943	18.31%	4.177%
12	15.296	2071	2078	2085	rBV	230751	315421	6.71%	1.530%
13	15.367	2085	2090	2096	rVB2	53687	77617	1.65%	0.377%
14	16.043	2198	2205	2221	rBV	1275845	2138729	45.49%	10.376%
15	17.300	2412	2419	2431	rBV	704777	1104456	23.49%	5.358%
16	17.559	2456	2463	2471	rBV2	66887	137136	2.92%	0.665%
17	18.199	2566	2572	2579	rBV6	30098	56573	1.20%	0.274%
18	18.264	2579	2583	2587	rVV	60747	75465	1.61%	0.366%
19	19.603	2807	2811	2817	rBV	45071	49273	1.05%	0.239%
20	19.915	2857	2864	2876	rBV	3574779	4701276	100.00%	22.809%
21	21.219	3081	3086	3096	rBV	75718	171062	3.64%	0.830%
22	21.548	3135	3142	3155	rBV2	733397	1261131	26.83%	6.119%
23	24.644	3658	3669	3683	rBV2	423436	1228608	26.13%	5.961%

Sum of corrected areas: 20611601

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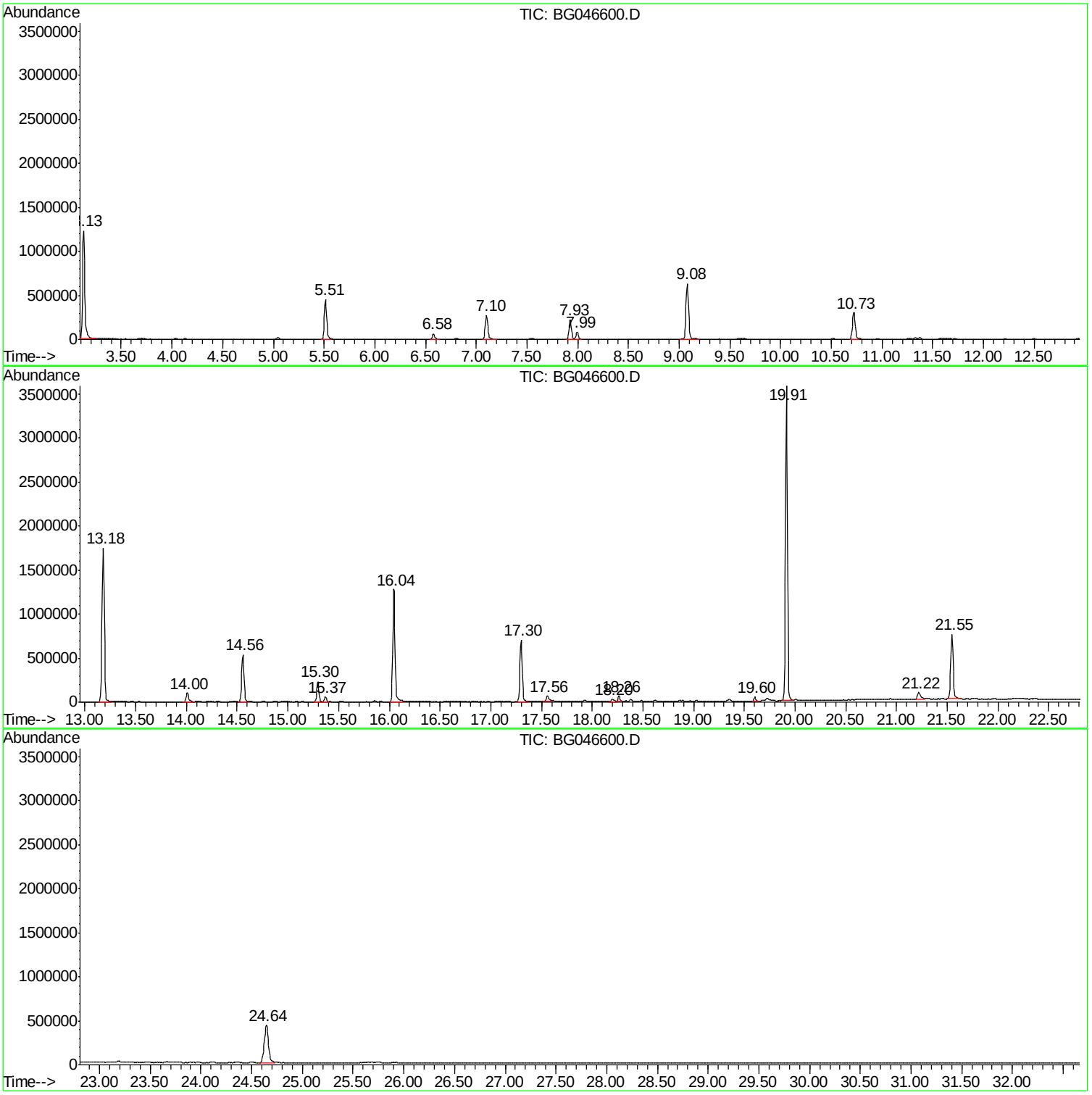
Instrument :
BNA_G
ClientSampleId :
BSY-WC-WATER-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

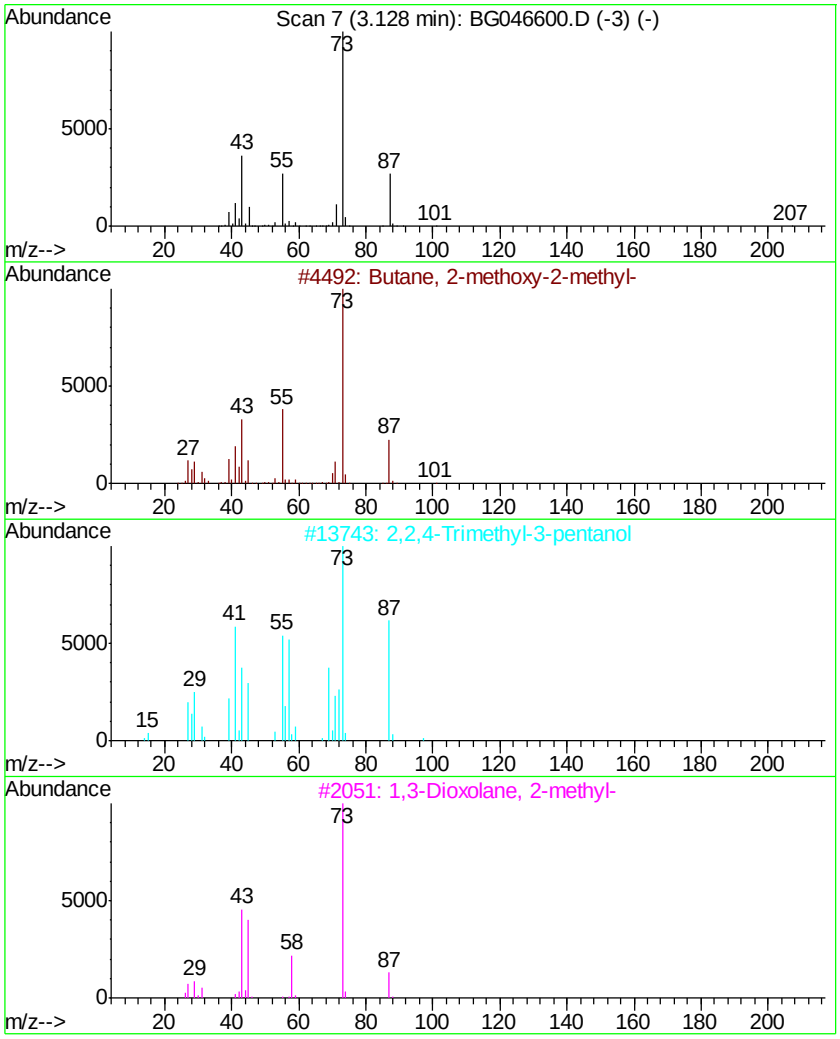
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

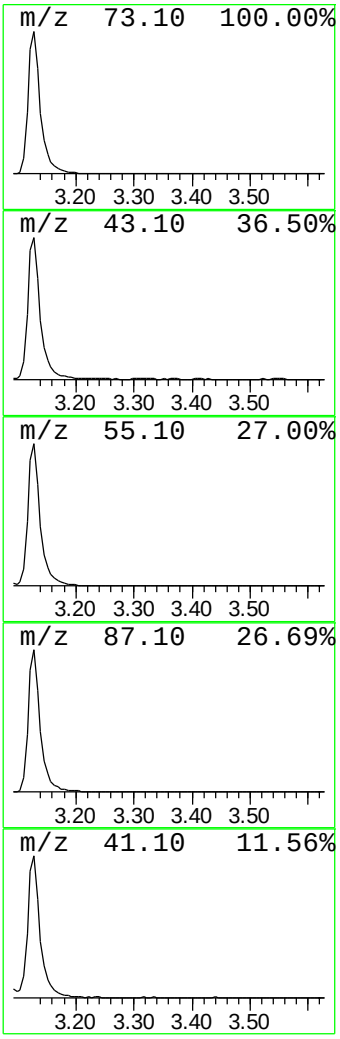
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	93.76 ng	1814780	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

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Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BSY-WC-WATER-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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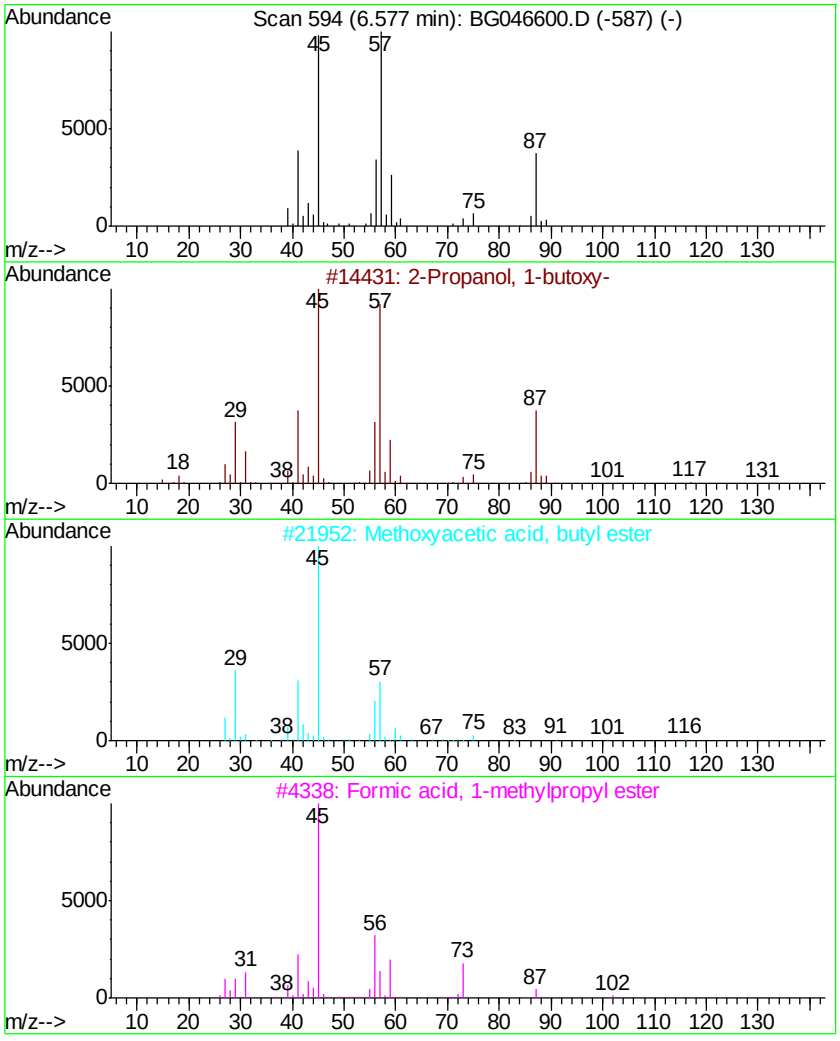
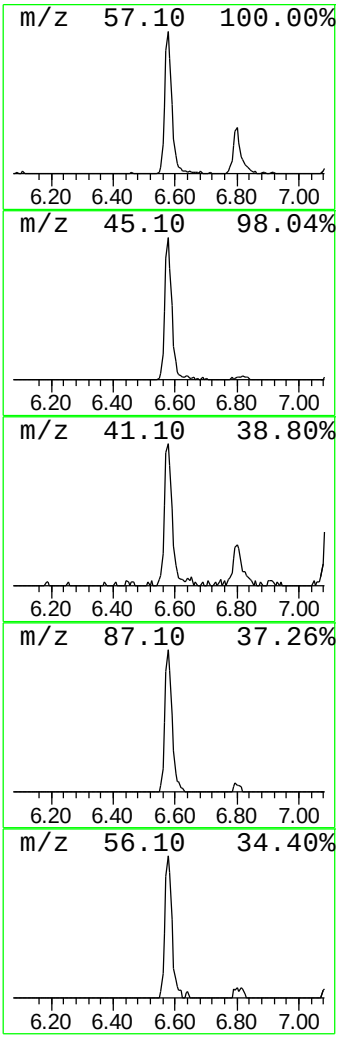
****

Peak Number 2 2-Propanol, 1-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	5.06 ng	97932	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-butoxy-	132	C7H16O2	005131-66-8	83
2	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	47
3	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	45
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	40
5	5-Methyl-1-hepten-4-ol	128	C8H16O	099328-46-8	38





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Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BSY-WC-WATER-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
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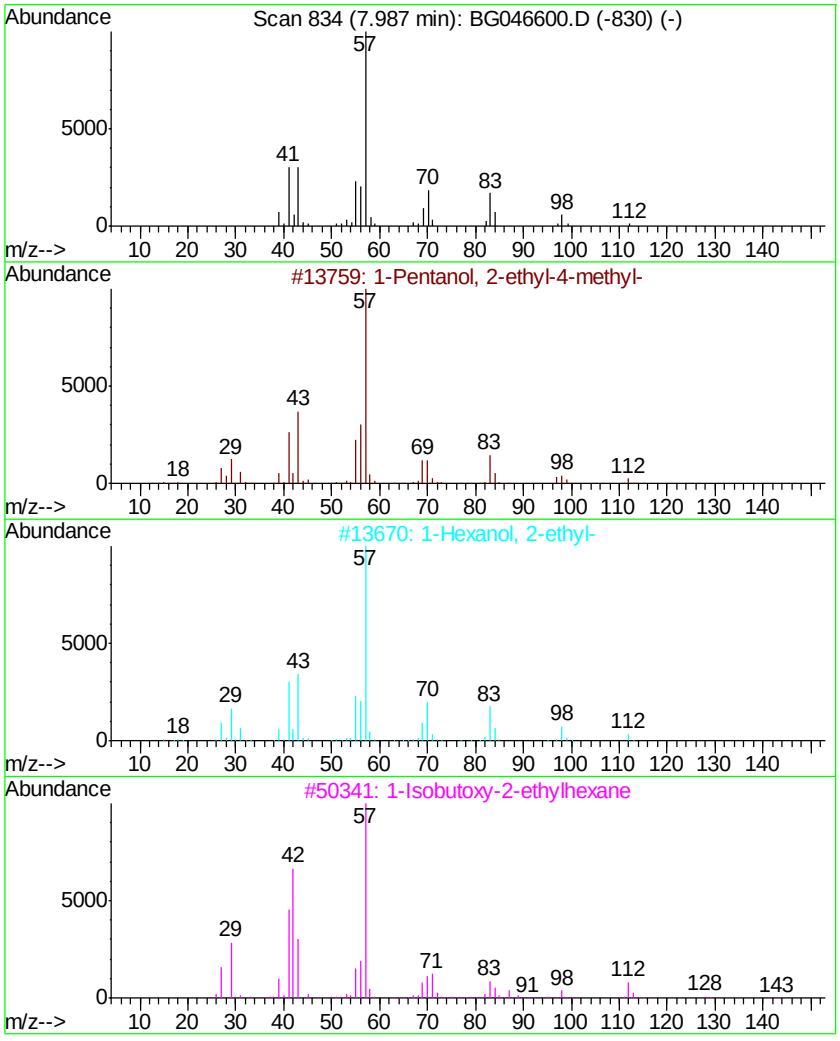
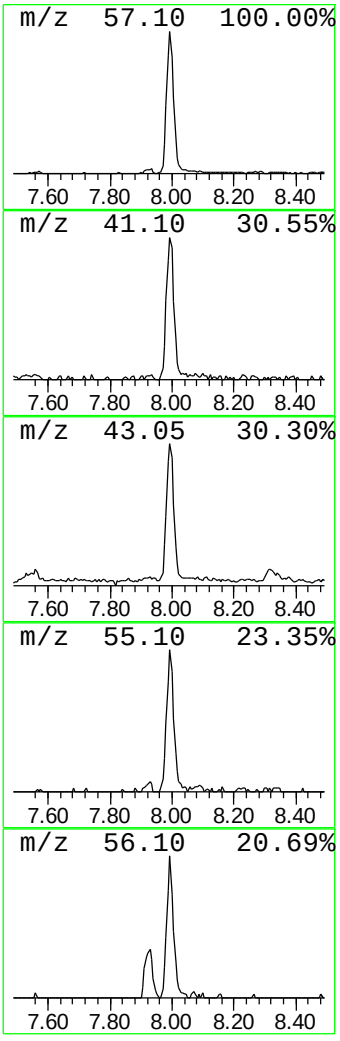
****

Peak Number 3 1-Pentanol, 2-ethyl-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	6.82 ng	132076	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	56
4	1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53





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Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : BSY-WC-WATER-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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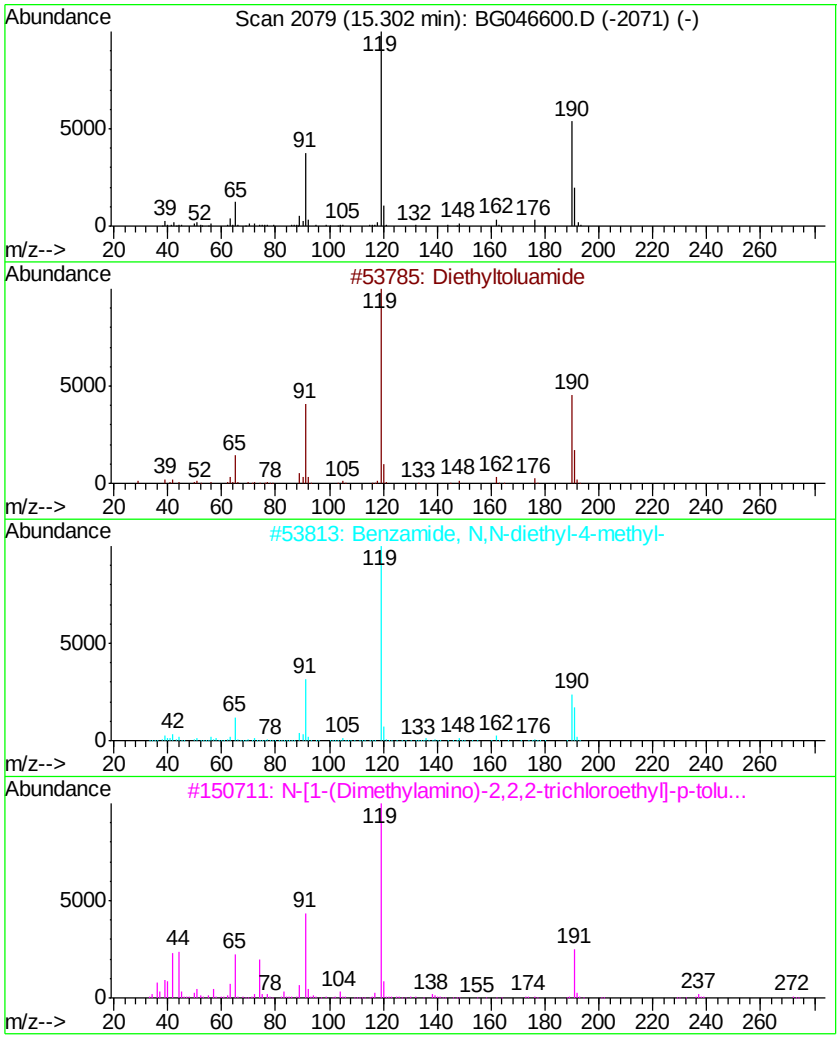
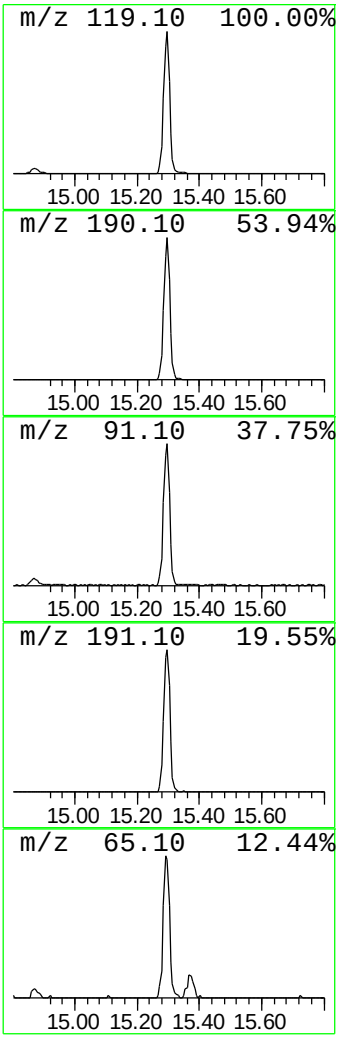
****

Peak Number 4 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	7.33 ng	315421	Acenaphthene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	96
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	53
4	Benzamide, N,N,3-trimethyl-	163	C10H13NO	006935-65-5	50
5	Benzamide, 3-methyl-N-allyl-	175	C11H13NO	1000339-09-8	47





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BSY-WC-WATER-DRUM

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
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TIC Library : C:\Database\NIST11.L
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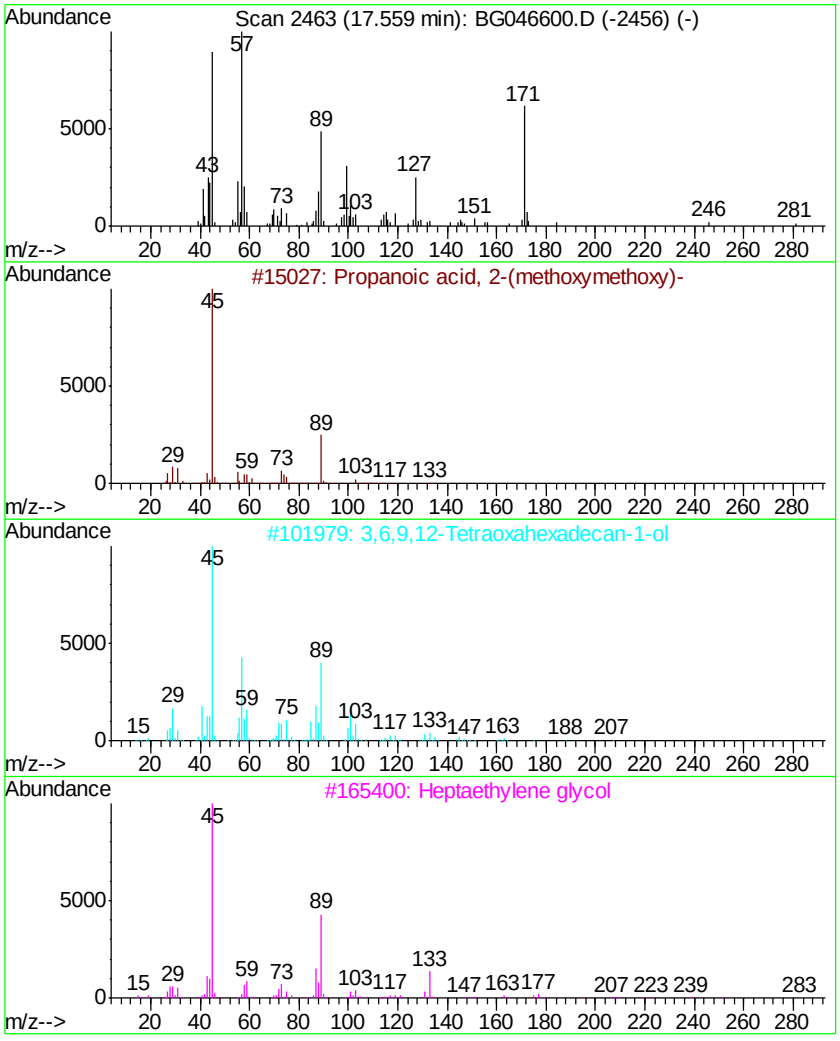
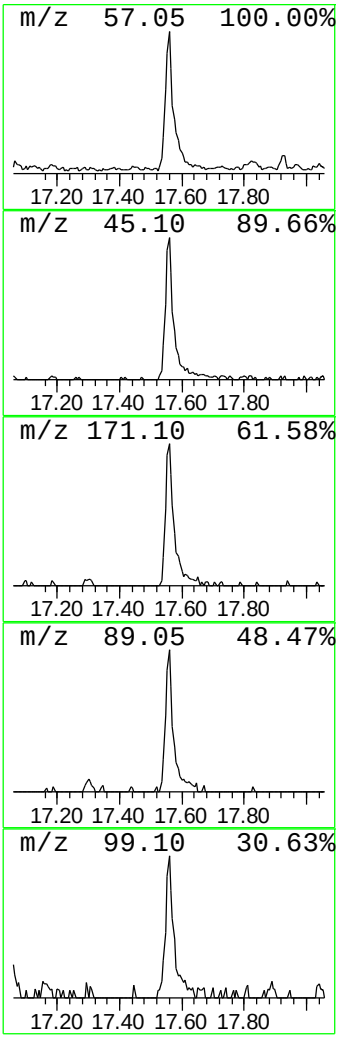
****

Peak Number 5 unknown17.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.48 ng	137136	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-(methoxymethoxy)-	134	C5H10O4	081327-29-9	43
2	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	43
3	Heptaethylene glycol	326	C14H30O8	005617-32-3	38
4	1,4,7,10,13,16-Hexaoxacyclooctad...	264	C12H24O6	017455-13-9	38
5	Acetaldehyde, tetramer	176	C8H16O4	000108-62-3	38





Library Search Compound Report

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
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TIC Library : C:\Database\NIST11.L
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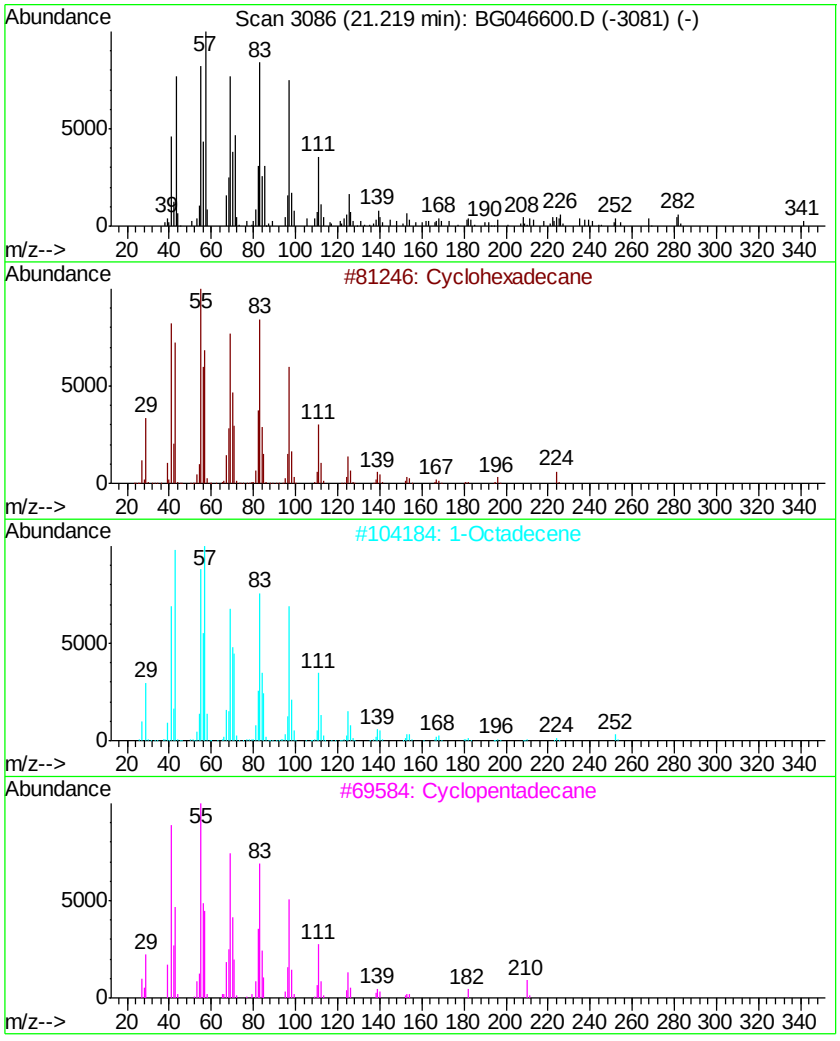
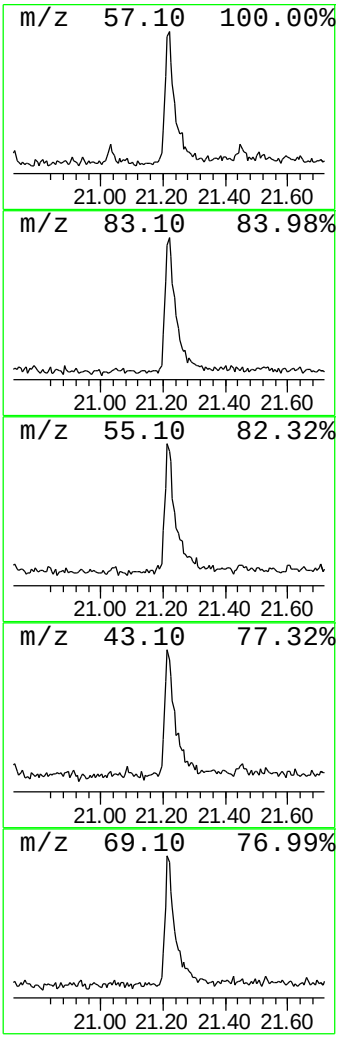
****

Peak Number 6 Cyclohexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.22	2.71 ng	171062	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	1-Octadecene	252	C18H36	000112-88-9	98
3	Cyclopentadecane	210	C15H30	000295-48-7	96
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	95





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	93.8	ng	1814780	1	7.93	387122	20.0
2-Propanol, 1-but...	6.58	5.1	ng	97932	1	7.93	387122	20.0
1-Pentanol, 2-eth...	7.99	6.8	ng	132076	1	7.93	387122	20.0
Diethyltoluamide	15.30	7.3	ng	315421	3	14.56	860943	20.0
unknown17.56	17.56	2.5	ng	137136	4	17.30	1104460	20.0
Cyclohexadecane	21.22	2.7	ng	171062	5	21.55	1261130	20.0