LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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	3.181	13	16	28	rVB	30167	49152	2.10%	0.348%
2	4.209	186	191	199	rVB	23632	36995	1.58%	0.262%
3	5.061	330	336	346	rBV3	12801	28590	1.22%	0.202%
4	5.144	346	350	357	rVB	15817	25681	1.09%	0.182%
5	5.531	409	416	423	rBV3	24860	63819	2.72%	0.452%
6	5.614	423	430	441	rVB	239716	411401	17.54%	2.912%
7	6.660	567	608	615	rBV2	157351	1140507	48.62%	8.073%
8	7.165	679	694	698	rBV3	66191	199341	8.50%	1.411%
9	7.218	698	703	715	rVB2	164088	359108	15.31%	2.542%
10	7.588	759	766	774	rBV	432329	786892	33.54%	5.570%
11	8.058	832	846	858	rBV2	104424	274771	11.71%	1.945%
12	8.311	880	889	894	rBV3	40255	90002	3.84%	0.637%
13	8.381	894	901	916	rVB	413471	742827	31.67%	5.258%
14	8.669	942	950	960	rBV2	22288	56804	2.42%	0.402%
15	8.828	969	977	987	rVB	244851	449359	19.16%	3.181%
16	9.239	1039	1047	1055	rBV	346733	633317	27.00%	4.483%
17	9.533	1090	1097	1107	rBV7	9534	27221	1.16%	0.193%
18	10.208	1200	1212	1223	rBV4	56975	158835	6.77%	1.124%
19	10.878	1318	1326	1333	rBV	130320	233737	9.96%	1.654%
20	12.705	1625	1637	1657	rBV	158383	406099	17.31%	2.875%
21	13.234	1721	1727	1734	rBV2	48379	86415	3.68%	0.612%
22	13.316	1734	1741	1748	rVB	1031194	1634606	69.68%	11.570%
23	13.557	1773	1782	1790	rVB	23211	41965	1.79%	0.297%
24	14.139	1876	1881	1887	rBV	64553	93617	3.99%	0.663%
25	14.697	1965	1976	1984	rBV3	220061	419488	17.88%	2.969%
26	16.190	2223	2230	2244	rVB3	879207	1377049	58.70%	9.747%
27	17.447	2437	2444	2450	rBV	278770	436346	18.60%	3.089%
28	18.305	2586	2590	2600	rBV	83545	136875	5.83%	0.969%
29	19.574	2802	2806	2813	rBV5	19945	34449	1.47%	0.244%
30	20.050	2880	2887	2894	rBV	1776075	2345816	100.00%	16.605%
31	21.325	3099	3104	3113	rBV2	51128	85811	3.66%	0.607%
32	21.724	3166	3172	3182	rVB2	257893	454615	19.38%	3.218%
33	22.476	3297	3300	3305	rVB2	20599	27921	1.19%	0.198%
34	23.175	3414	3419	3426	rVB2	38162	67797	2.89%	0.480%

LSC Area Percent Report

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Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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	23.992	3552	3558	3566	rVB2	42451	95927	4.09%	0.679%
36	24.950	3715	3721	3726	rBV3	34214	79218	3.38%	0.561%
37	25.038	3726	3736	3747	rVB2	145026	450573	19.21%	3.189%
38	26.090	3911	3915	3925	rVB4	29411	84476	3.60%	0.598%

Sum of corrected areas: 14127422

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
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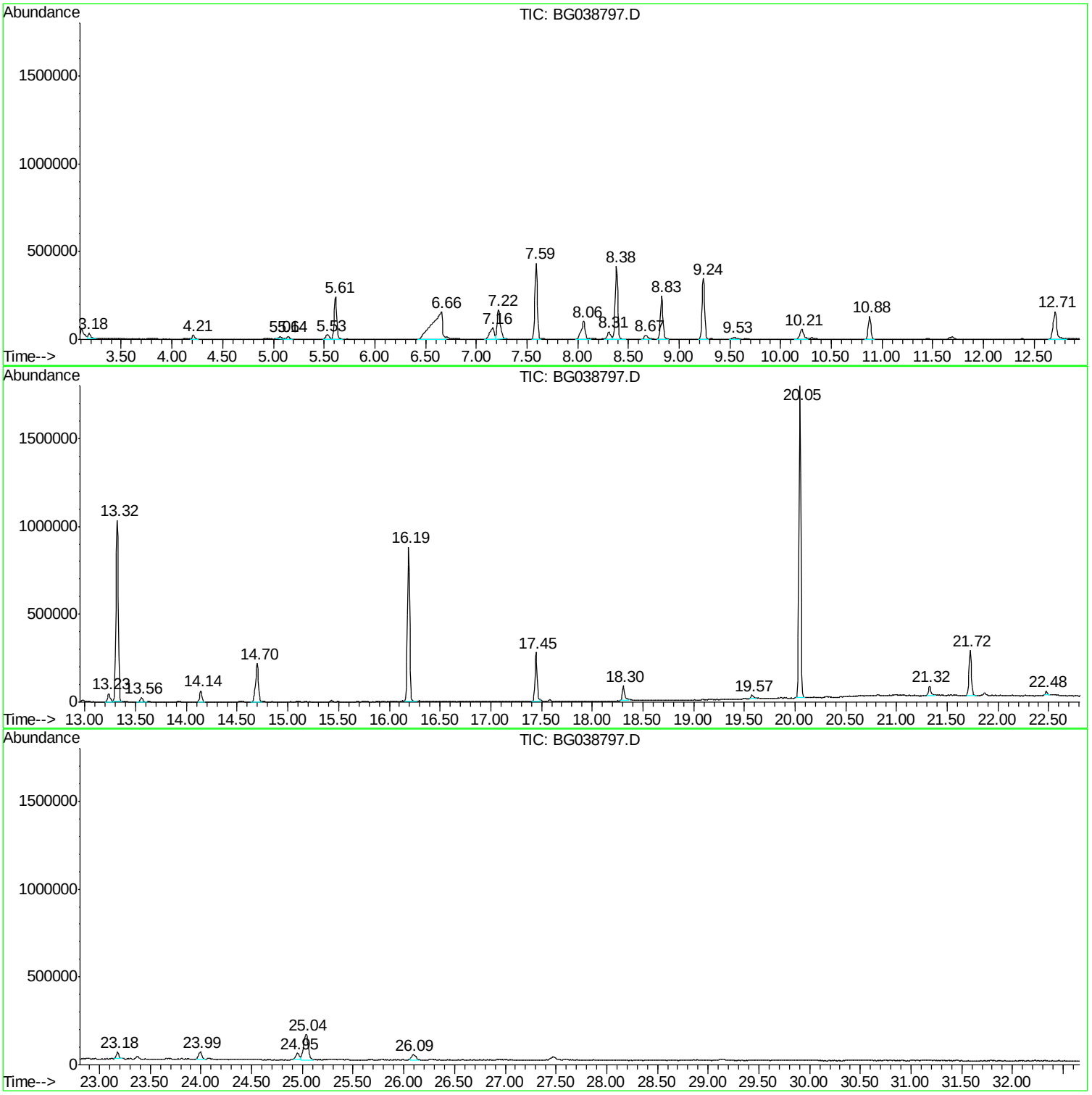
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-GROUNDWATER-1-1

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

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Data File : BG038797.D
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Operator : JU/SJ
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Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

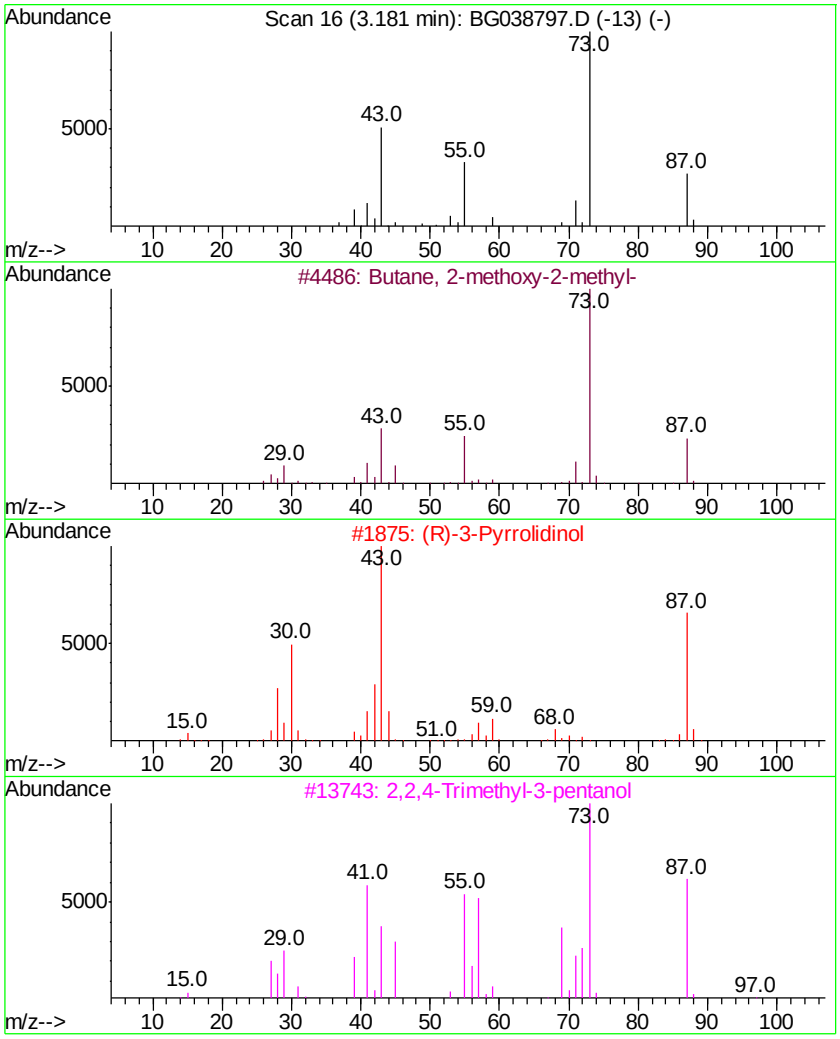
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

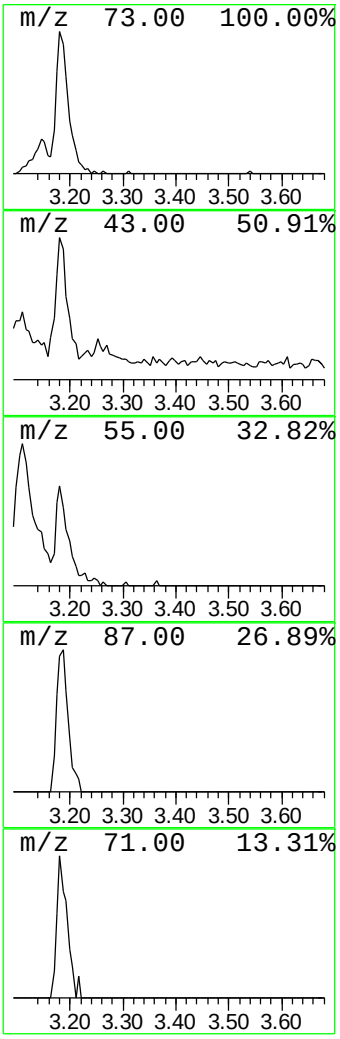
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	3.58 ng	49152	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	(R)-3-Pyrrolidinol	87	C4H9NO	002799-21-5	9
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	1-Pentanamine	87	C5H13N	000110-58-7	5





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

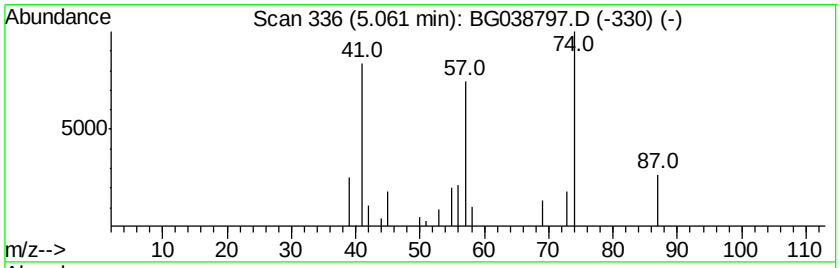
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

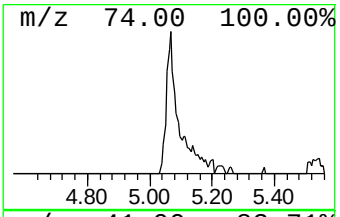
****

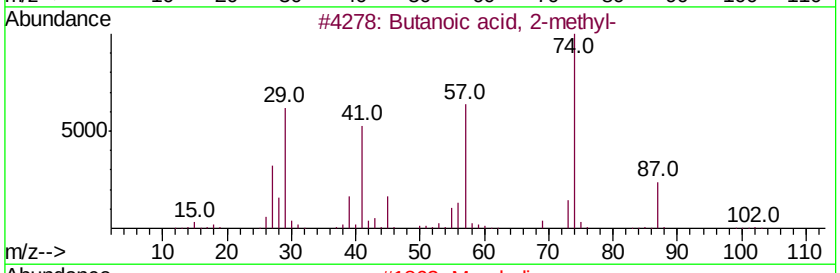
Peak Number 3 Butanoic acid, 2-methyl- Concentration Rank 20

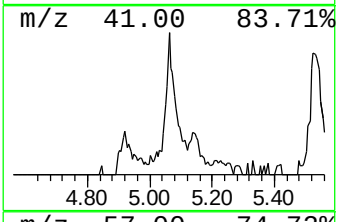
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	2.08 ng	28590	1,4-Dichlorobenzene-d4	8.06

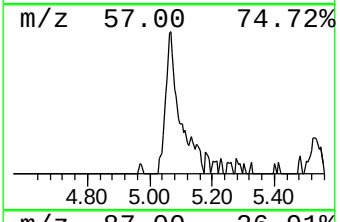
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	50
2	Morpholine	87	C4H9NO	000110-91-8	12
3	Propanoic acid	74	C3H6O2	000079-09-4	9
4	Oxirane, (butoxymethyl)-	130	C7H14O2	002426-08-6	9
5	1-Propanol, 2,2-dimethyl-	88	C5H12O	000075-84-3	9

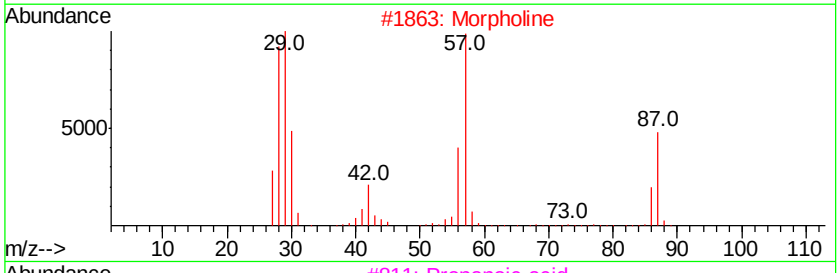


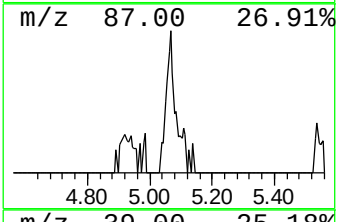


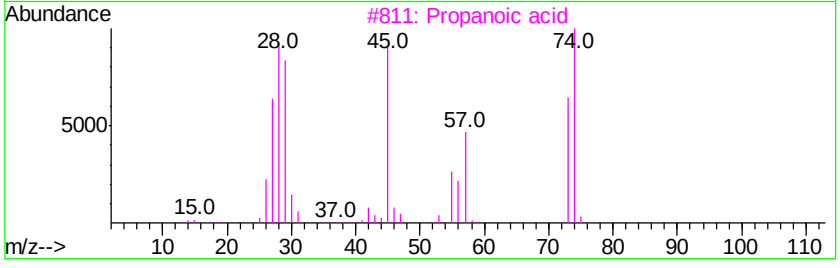


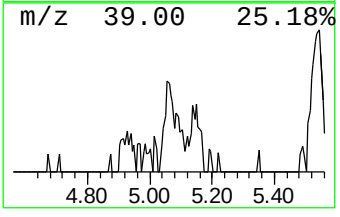












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Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

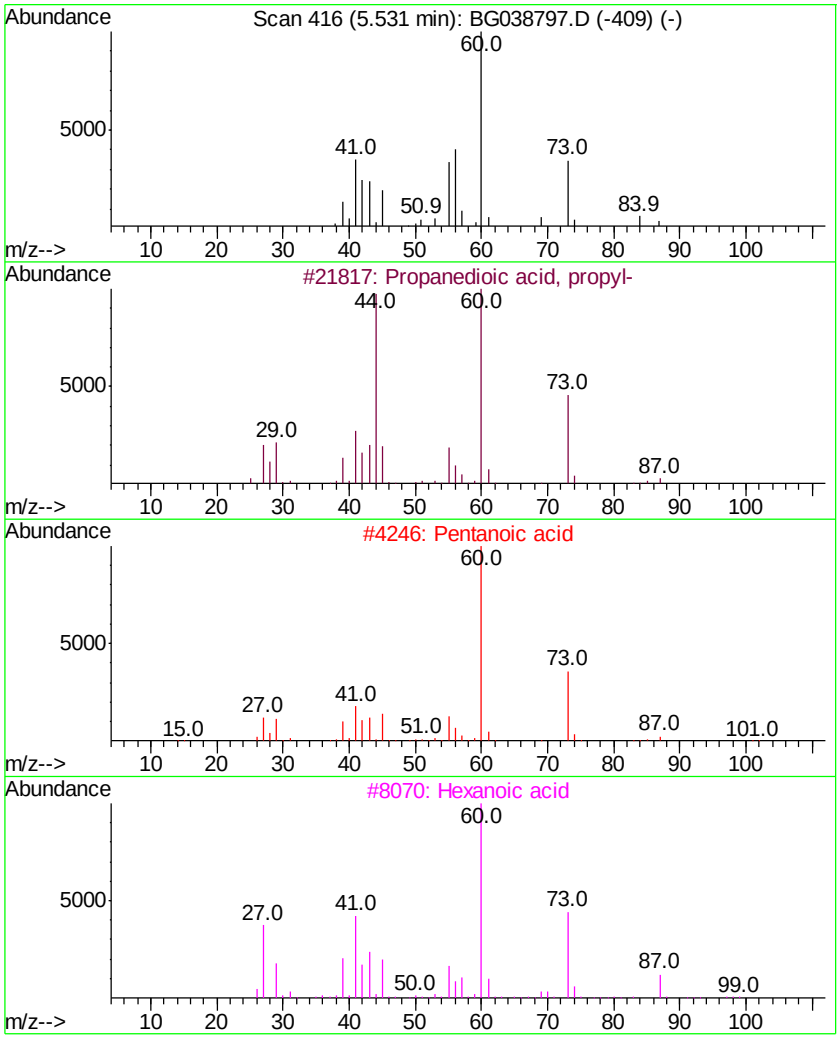
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

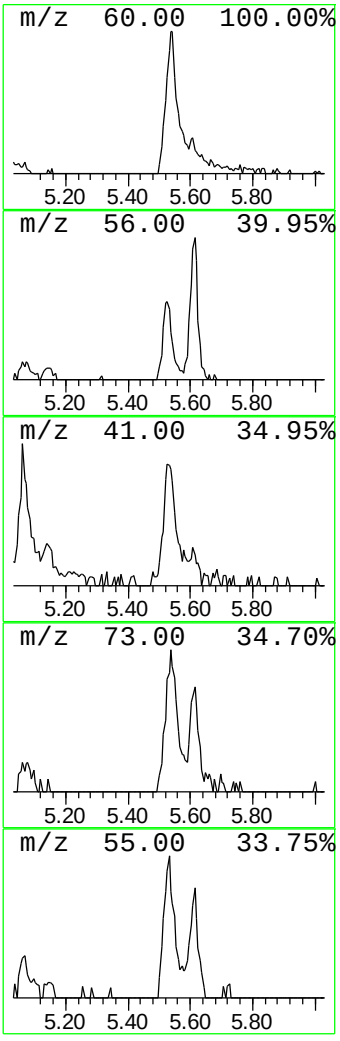
****

Peak Number 4 unknown5.53 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	4.65 ng	63819	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	45
2	Pentanoic acid	102	C5H10O2	000109-52-4	45
3	Hexanoic acid	116	C6H12O2	000142-62-1	42
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	9
5	Thiirane	60	C2H4S	000420-12-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

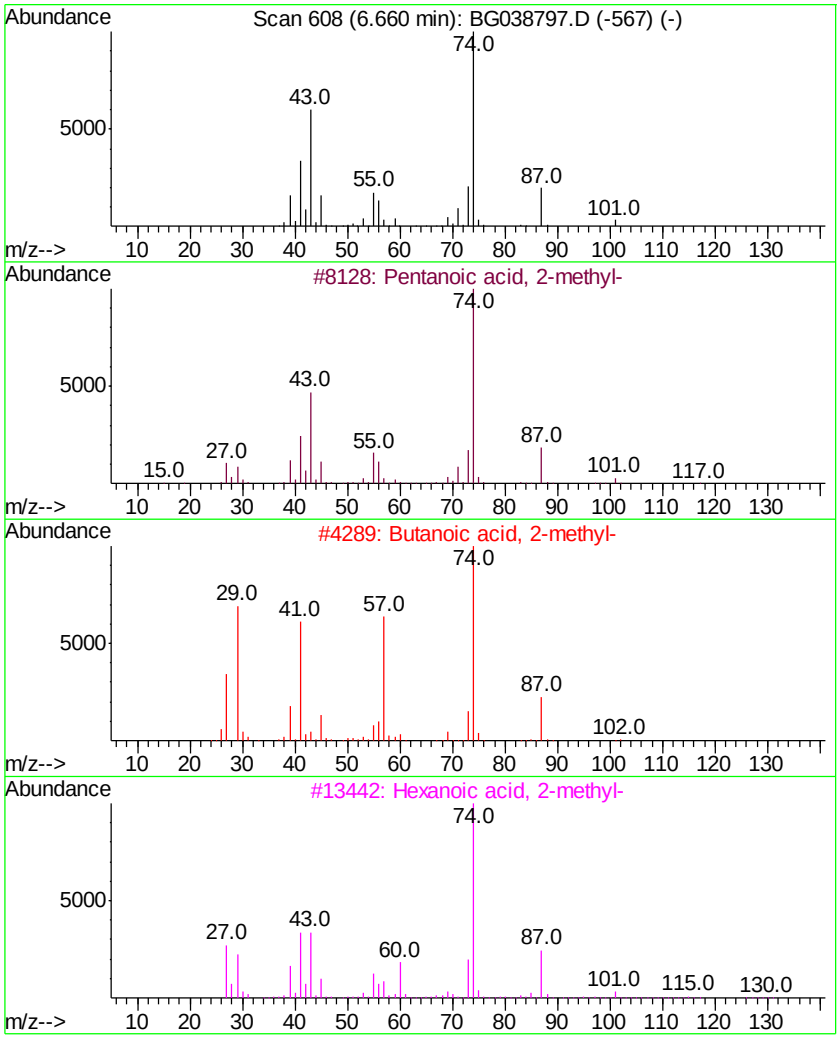
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

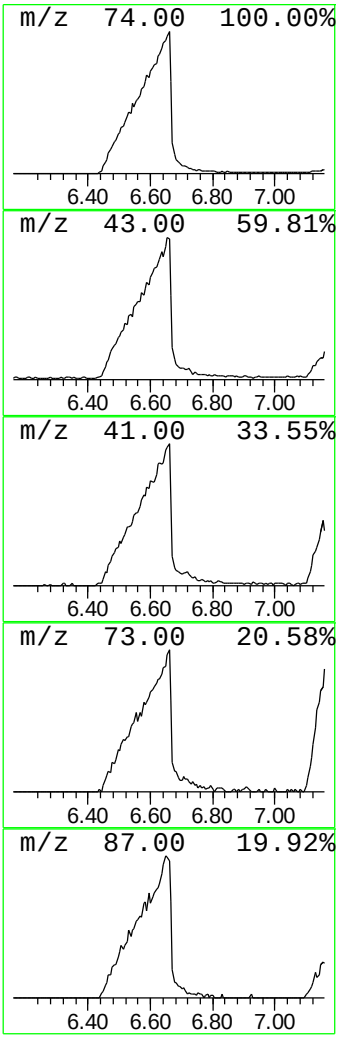
****

Peak Number 5 Pentanoic acid, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	83.02 ng	1140510	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	90
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	64
3	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	39
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	17
5	Propanoic acid	74	C3H6O2	000079-09-4	9





Library Search Compound Report

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Operator : JU/SJ
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Instrument :
BNA_G
ClientSampleId :
TP-GROUNDWATER-1-1

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

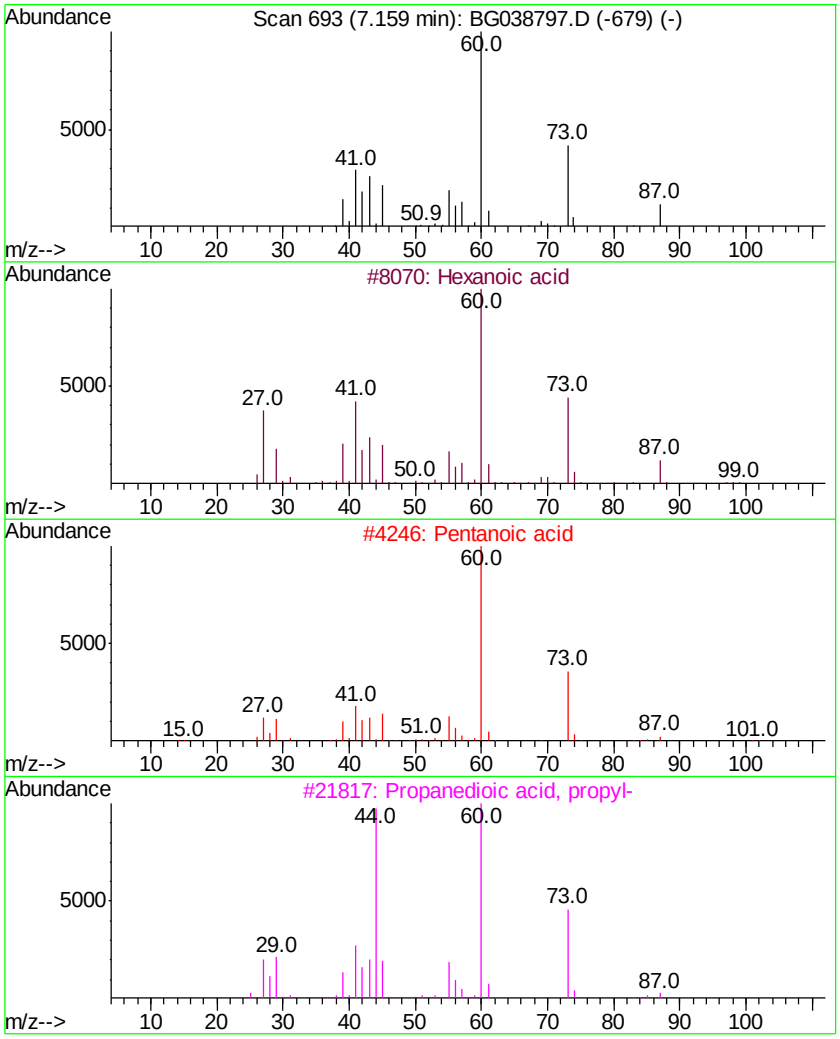
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

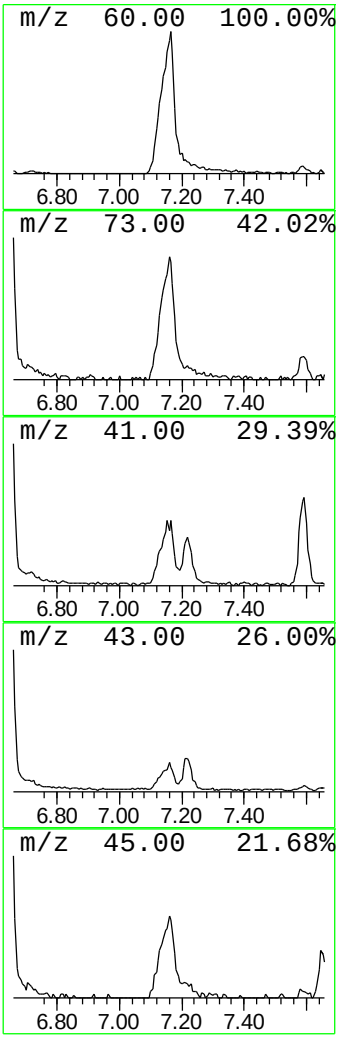
****

Peak Number 6 Hexanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	14.51 ng	199341	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	72
3	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	40
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	23





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

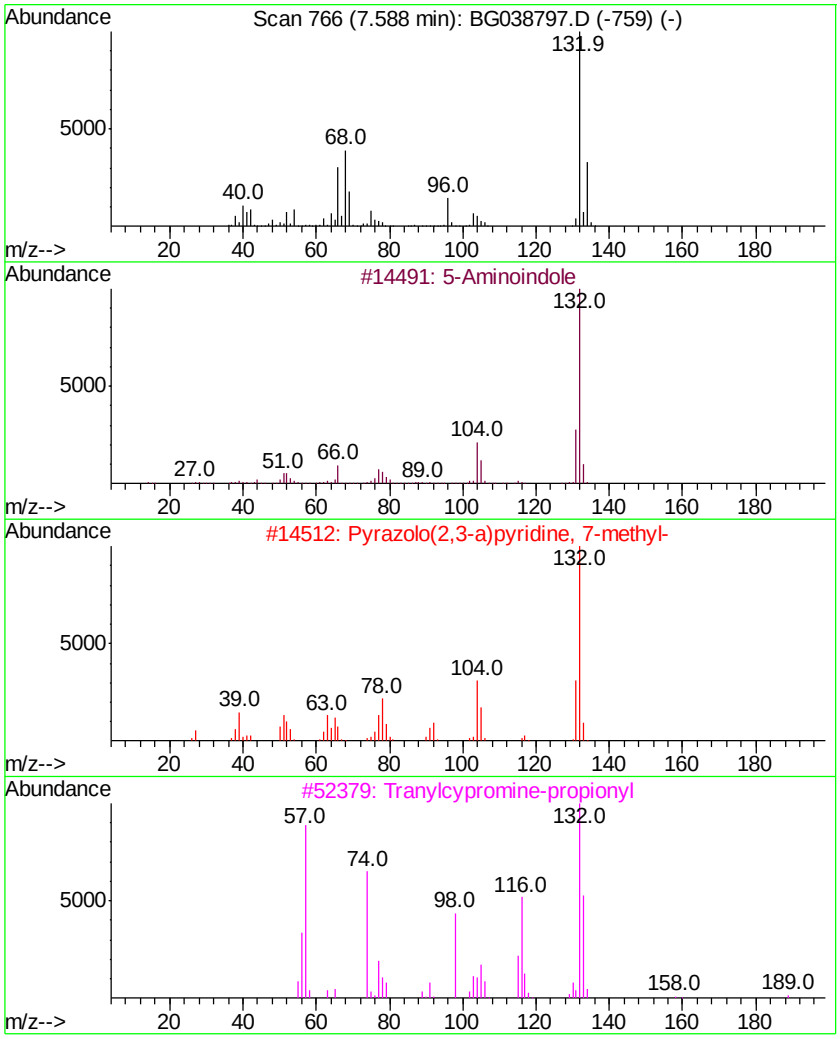
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

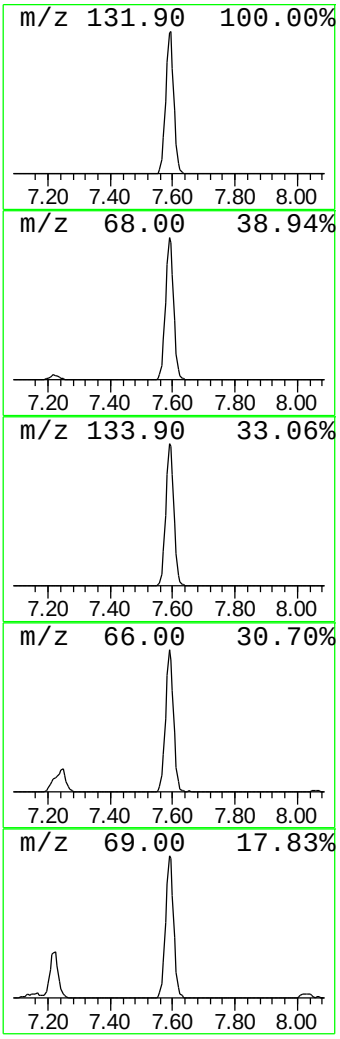
****

Peak Number 7 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	57.28 ng	786892	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

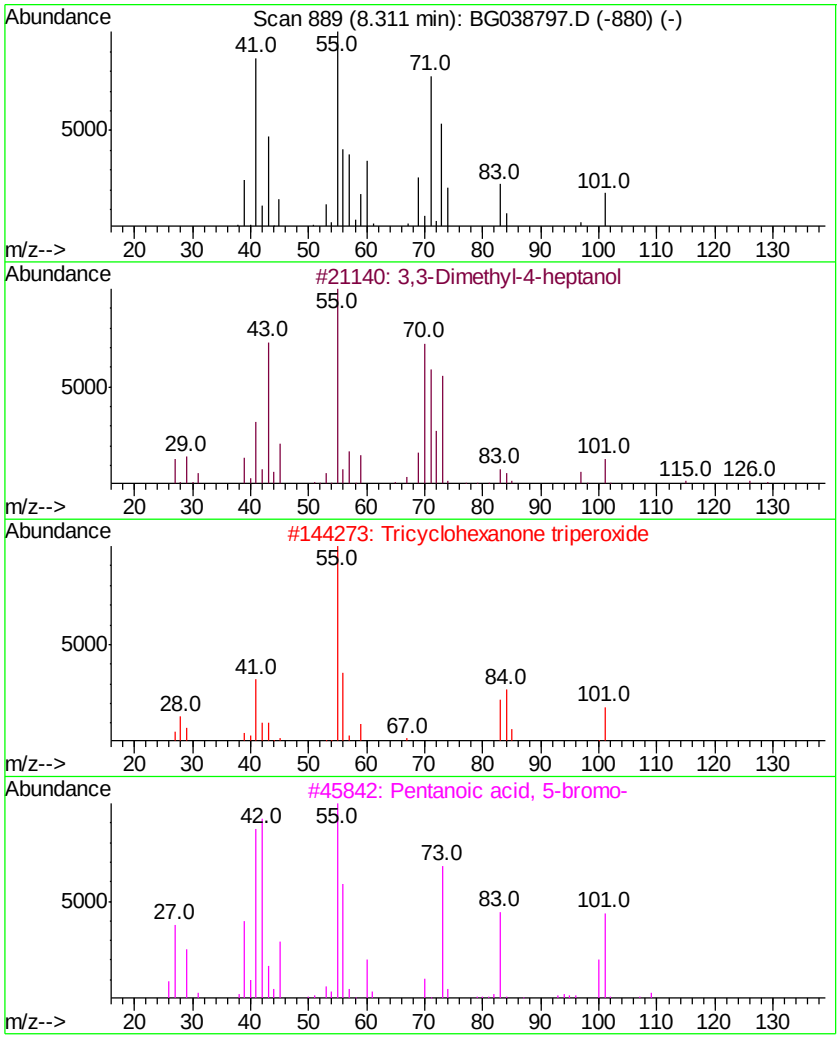
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

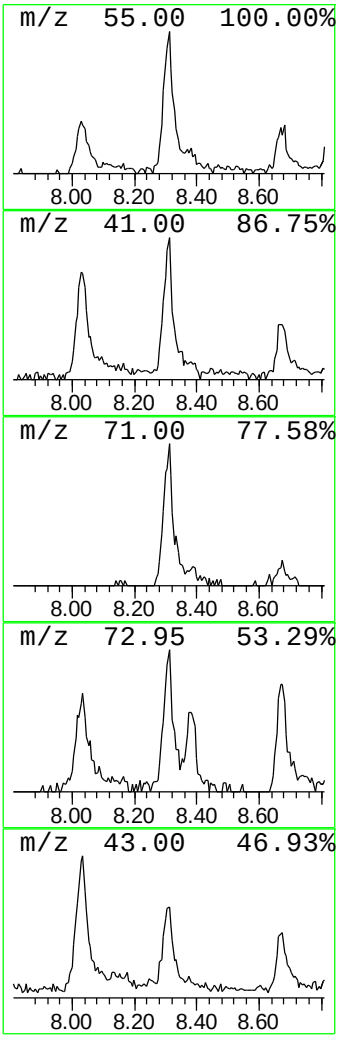
****

Peak Number 8 unknown8.31 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	6.55 ng	90002	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,3-Dimethyl-4-heptanol	144	C9H20O	019549-78-1	37
2	Tricyclohexanone triperoxide	300	C15H24O6	1000357-14-9	27
3	Pentanoic acid, 5-bromo-	180	C5H9BrO2	002067-33-6	27
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	22
5	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	22





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Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
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Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

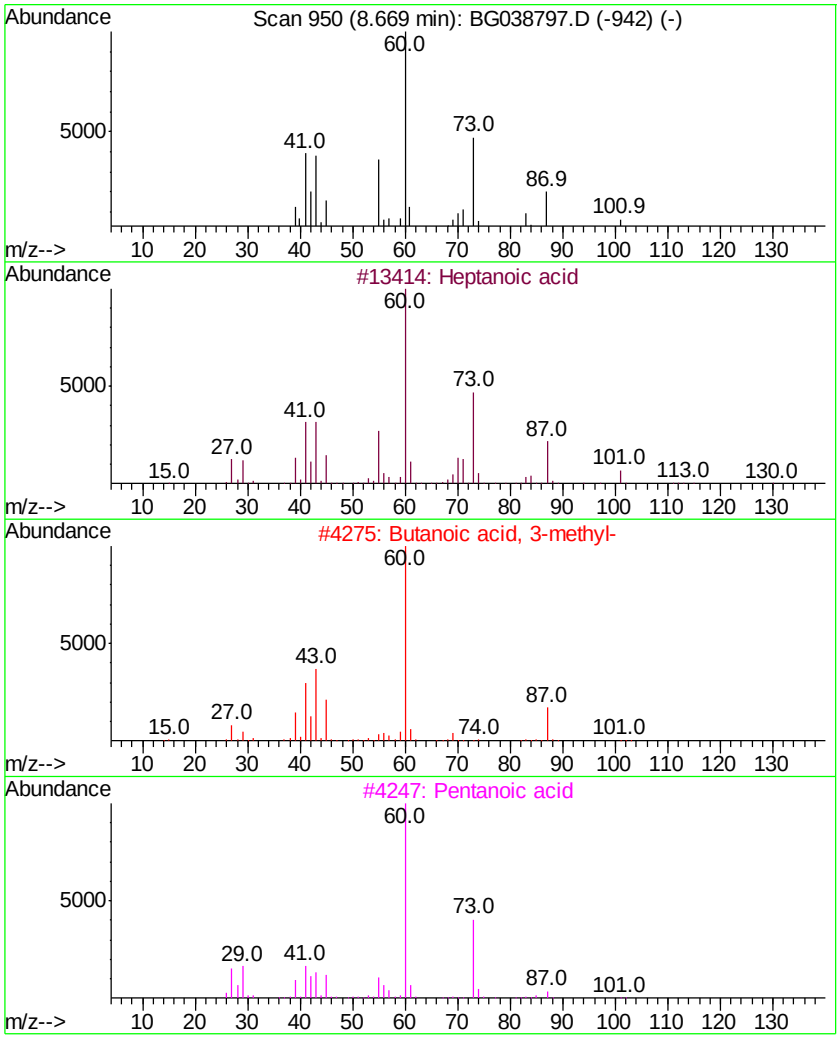
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

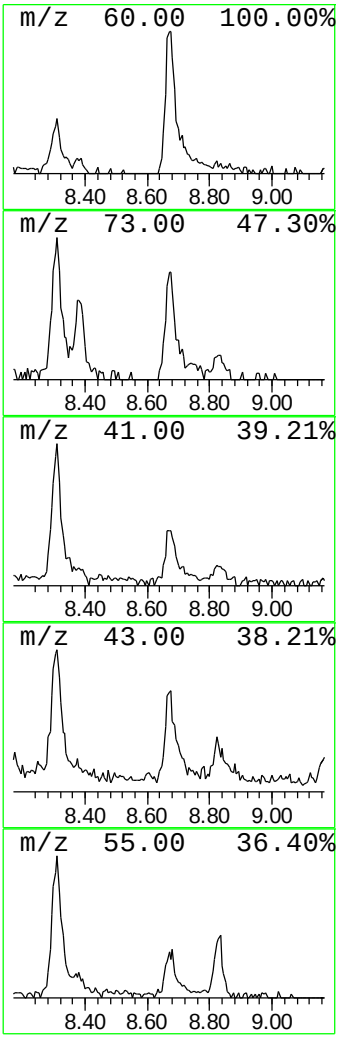
****

Peak Number 10 Heptanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.67	4.13 ng	56804	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	72
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47
3	Pentanoic acid	102	C5H10O2	000109-52-4	47
4	Hexanoic acid	116	C6H12O2	000142-62-1	45
5	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	42





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Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

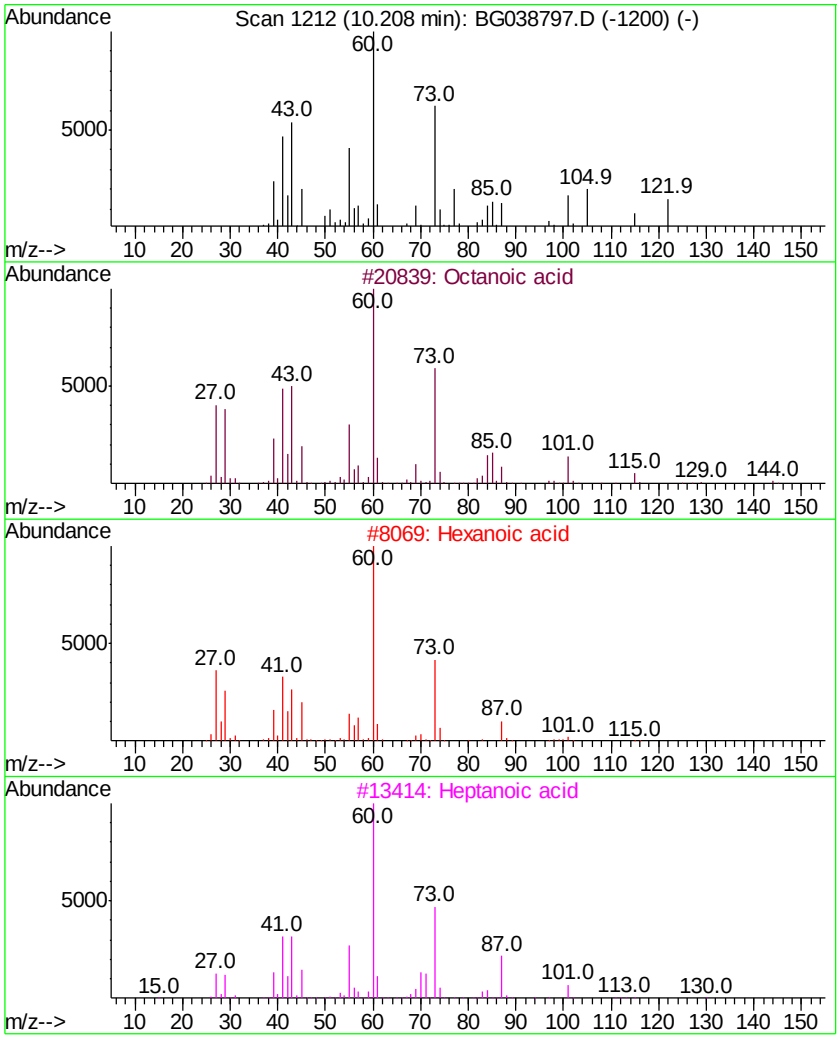
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

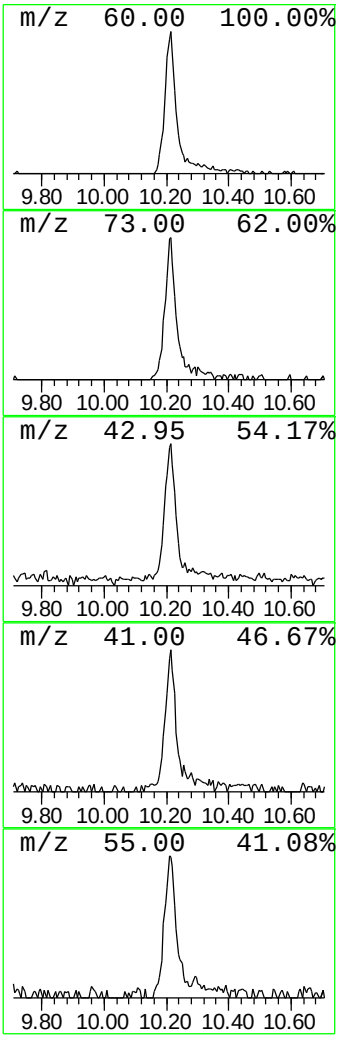
****

Peak Number 12 Octanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.21	13.59 ng	158835	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	58
2	Hexanoic acid	116	C6H12O2	000142-62-1	47
3	Heptanoic acid	130	C7H14O2	000111-14-8	37
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	37
5	Rhamnose	164	C6H12O5	003615-41-6	32





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Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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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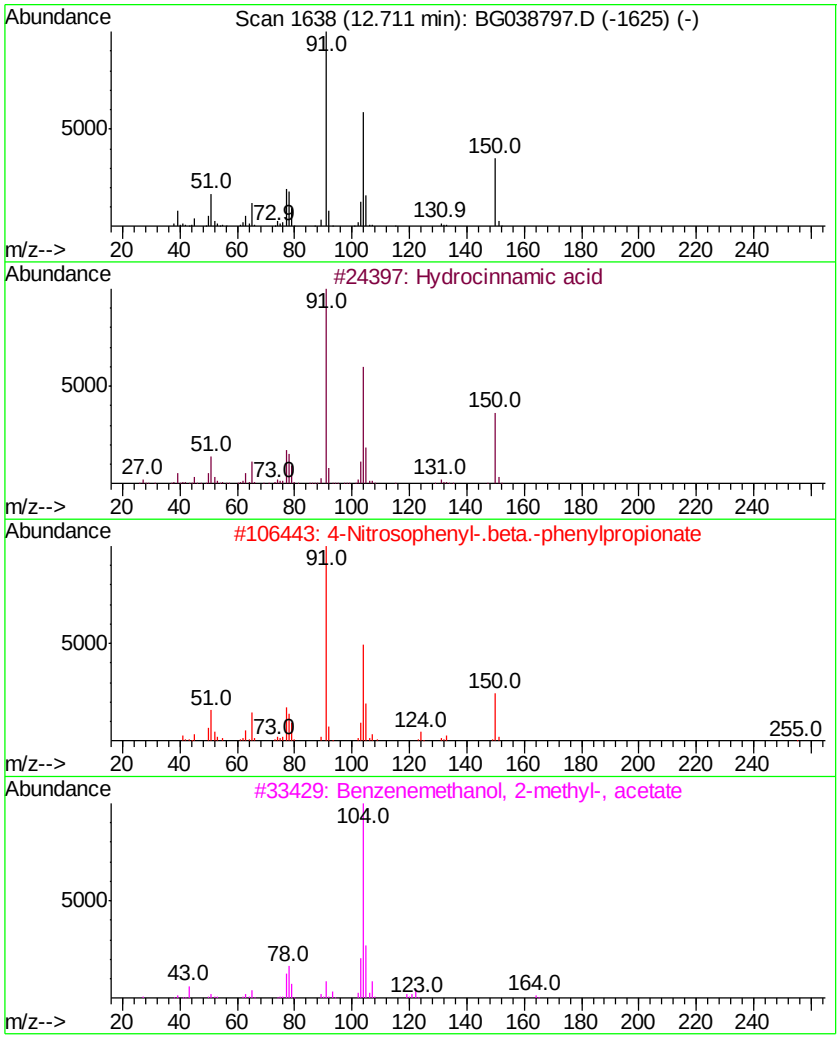
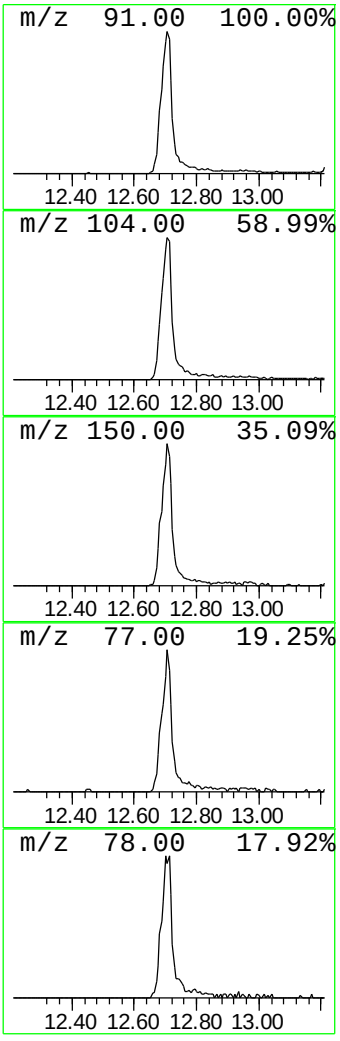
Peak Number 13 Hydrocinnamic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	34.75 ng	406099	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	94
2	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	86
3	Benzenemethanol, 2-methyl-, acetate	164	C10H12O2	017373-93-2	47
4	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	38
5	Benzeneacetic acid, methyl ester	150	C9H10O2	000101-41-7	25





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Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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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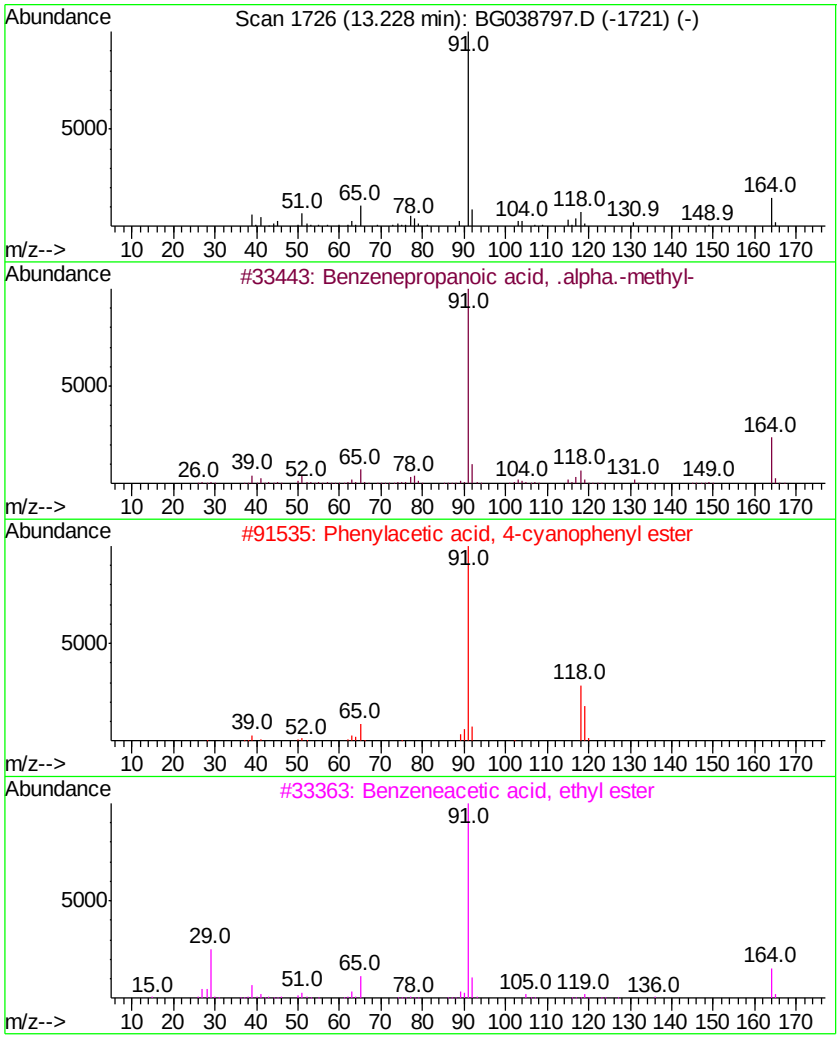
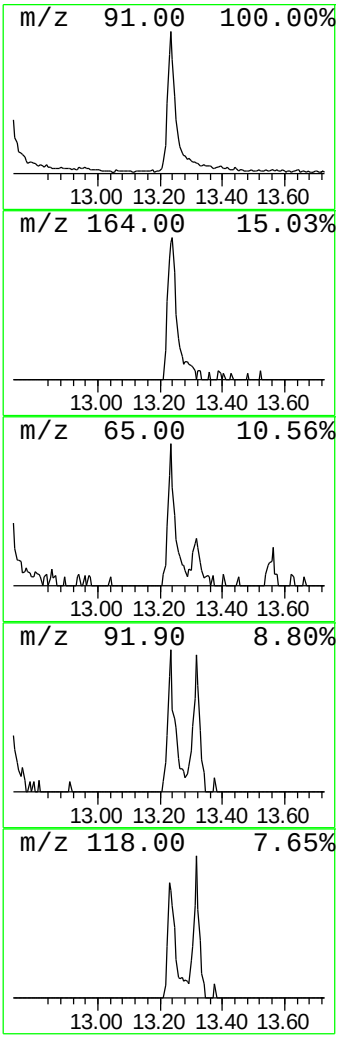
Peak Number 14 Benzenepropanoic acid, .alp... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	4.12 ng	86415	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanoic acid, .alpha.-m...	164	C10H12O2	001009-67-2	91
2	Phenylacetic acid, 4-cyanophenyl...	237	C15H11NO2	1000307-53-4	50
3	Benzeneacetic acid, ethyl ester	164	C10H12O2	000101-97-3	49
4	Thiocyanic acid, phenylmethyl ester	149	C8H7NS	003012-37-1	43
5	Propanedinitrile, (1-methyl-3-ph...	196	C13H12N2	069564-94-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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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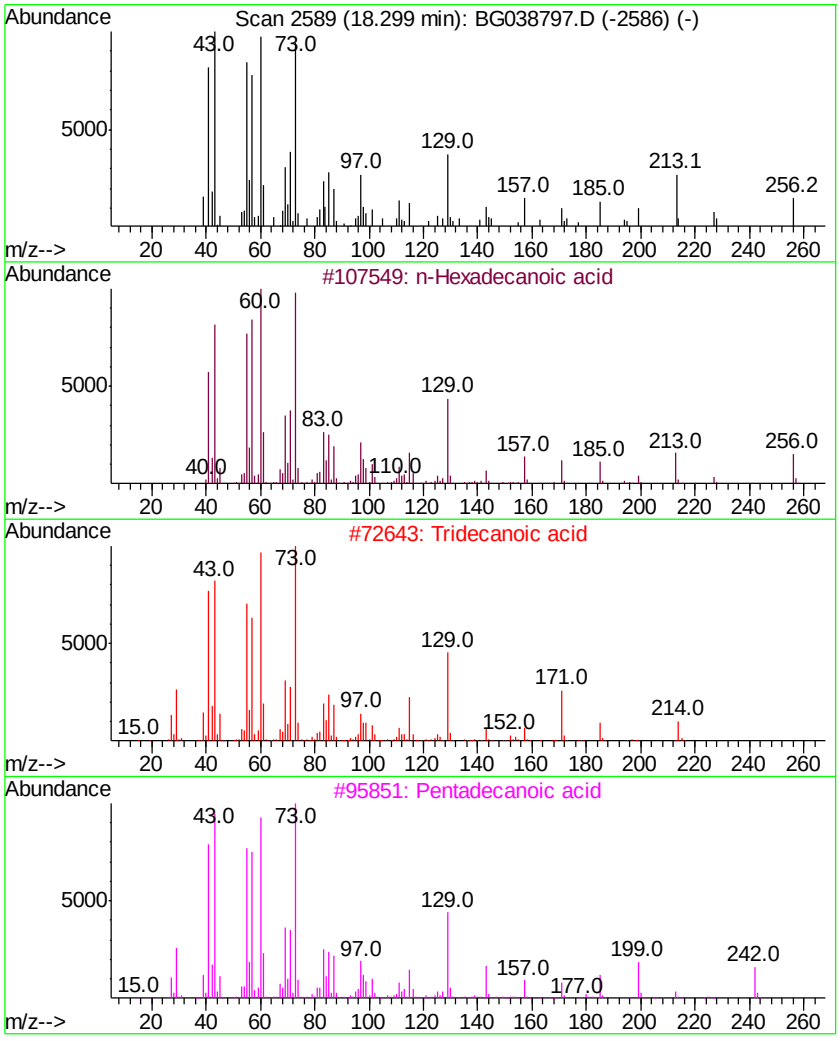
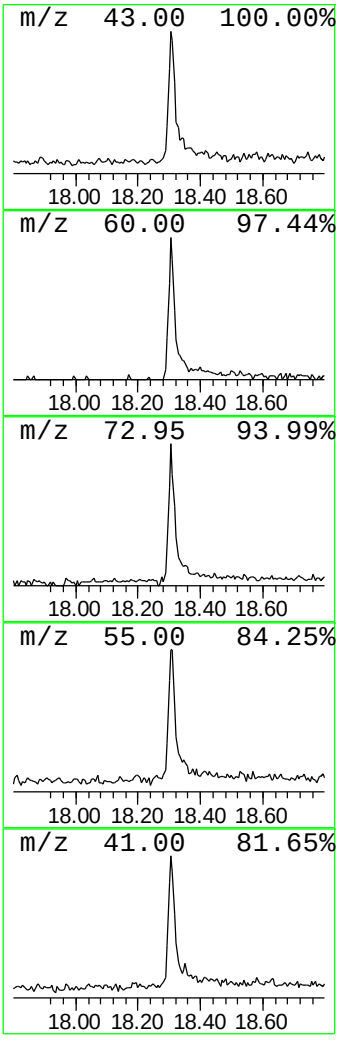
Peak Number 15 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	6.27 ng	136875	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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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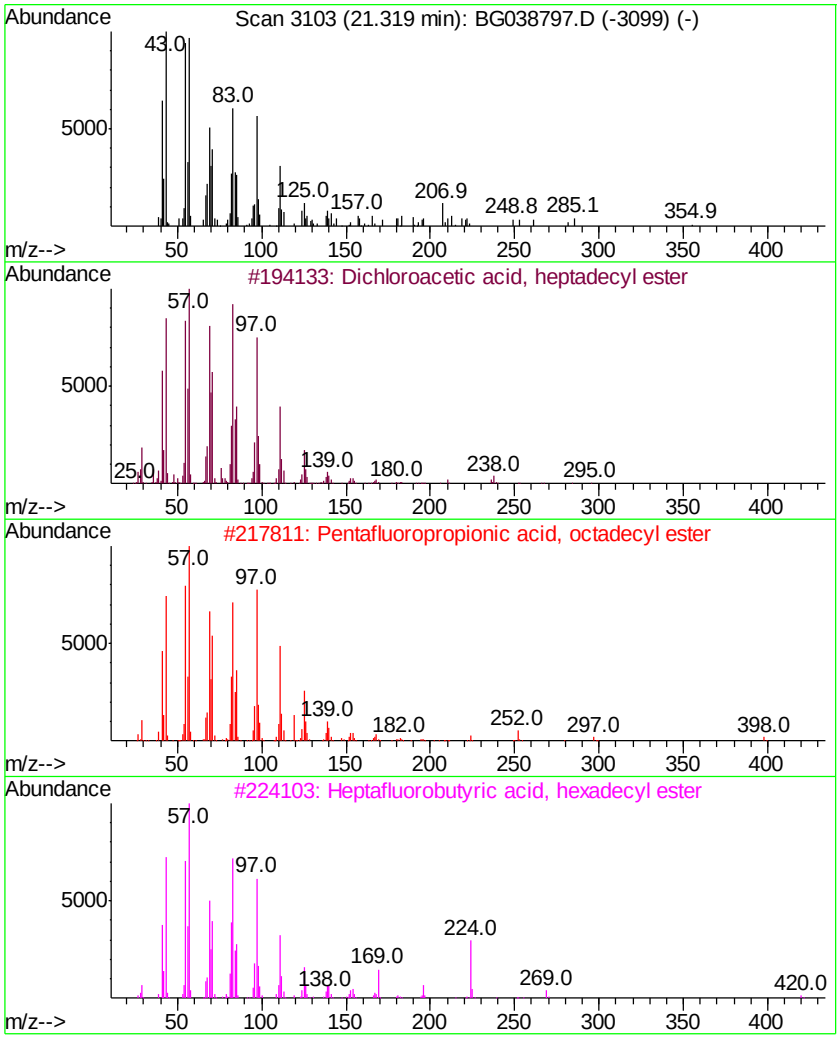
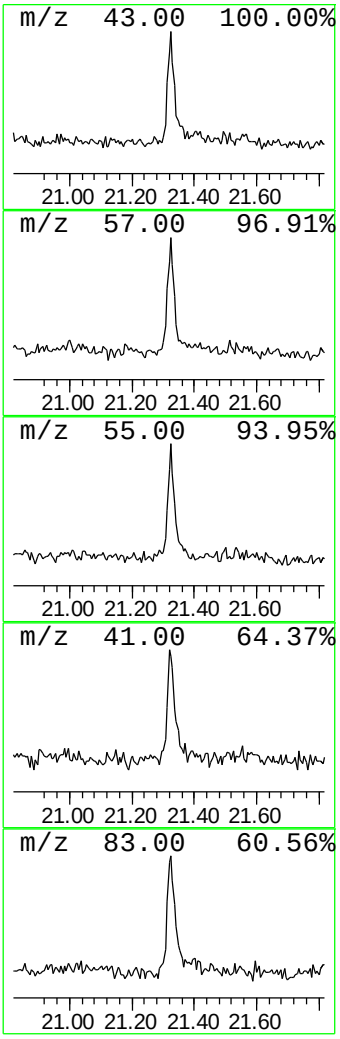
Peak Number 16 Dichloroacetic acid, heptad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.78 ng	85811	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
3	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	87
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	87





Library Search Compound Report

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Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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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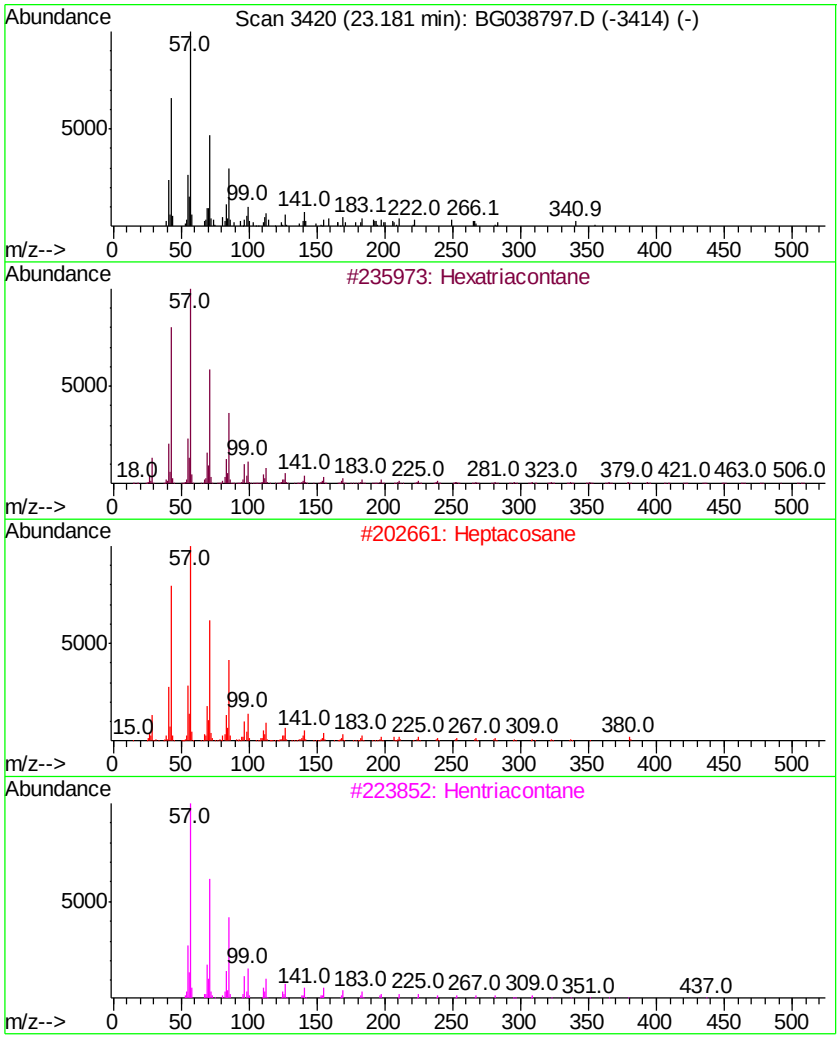
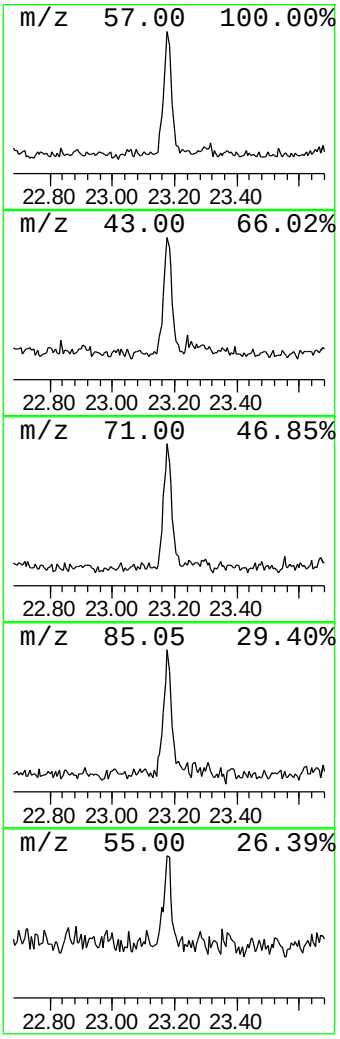
Peak Number 17 Hexatriacontane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.98 ng	67797	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	83
2	Heptacosane	380	C27H56	000593-49-7	83
3	Hentriacontane	437	C31H64	000630-04-6	74
4	Tritetracontane	605	C43H88	007098-21-7	72
5	Octadecane	254	C18H38	000593-45-3	72





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Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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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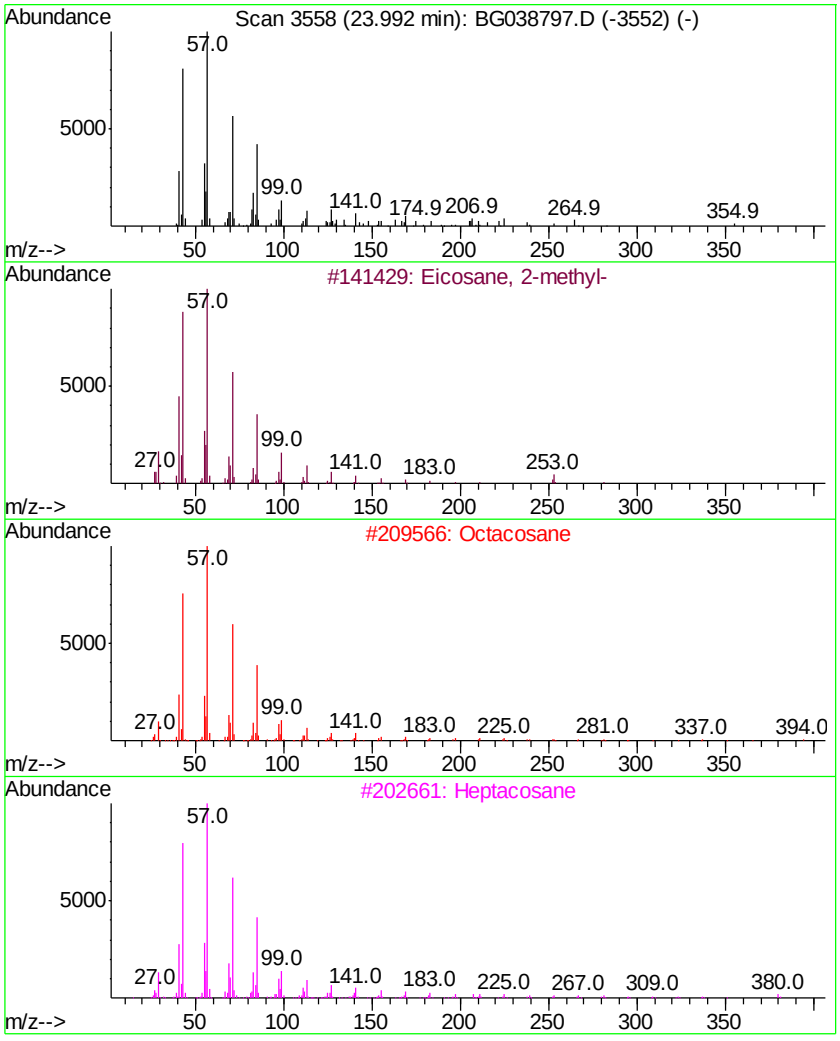
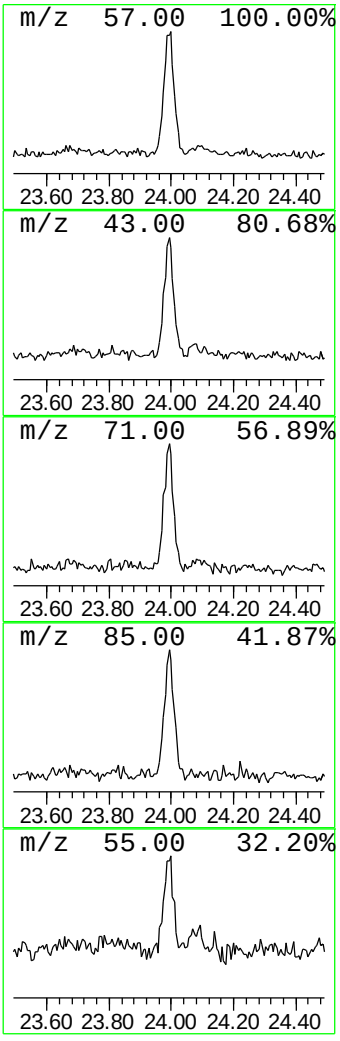
Peak Number 18 Eicosane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	4.26 ng	95927	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 2-methyl-	296	C21H44	001560-84-5	83
2	Octacosane	394	C28H58	000630-02-4	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





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Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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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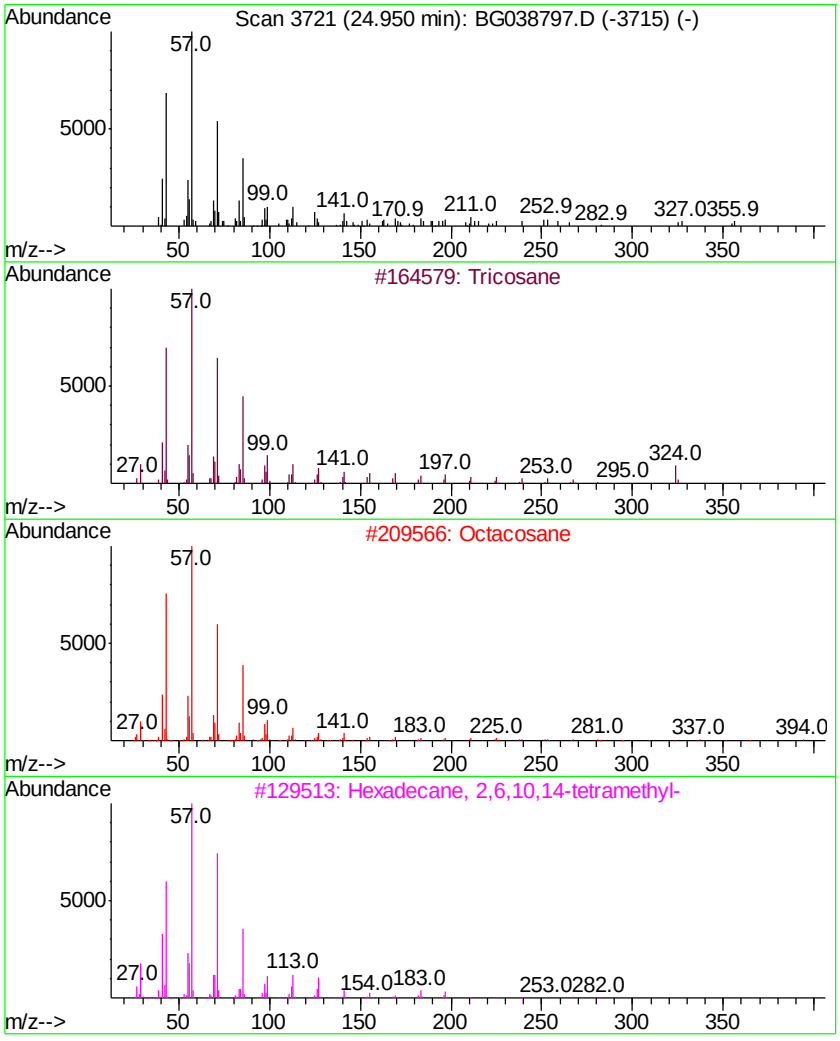
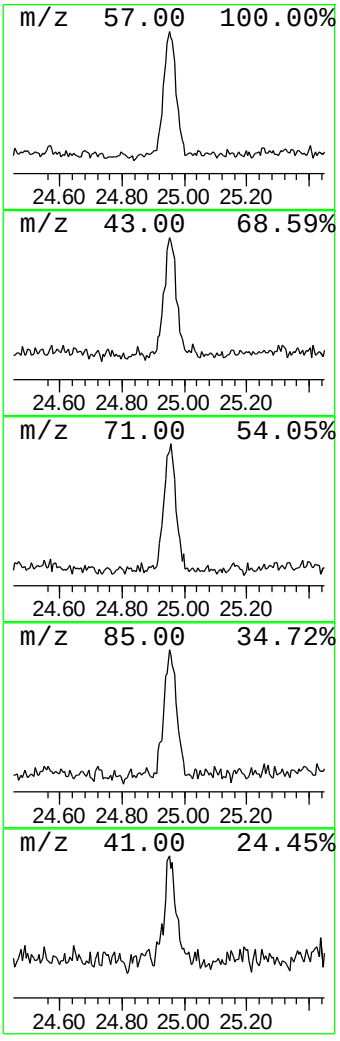
Peak Number 19 Tricosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	3.52 ng	79218	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	87
2	Octacosane	394	C28H58	000630-02-4	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Tetracosane	338	C24H50	000646-31-1	86





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Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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

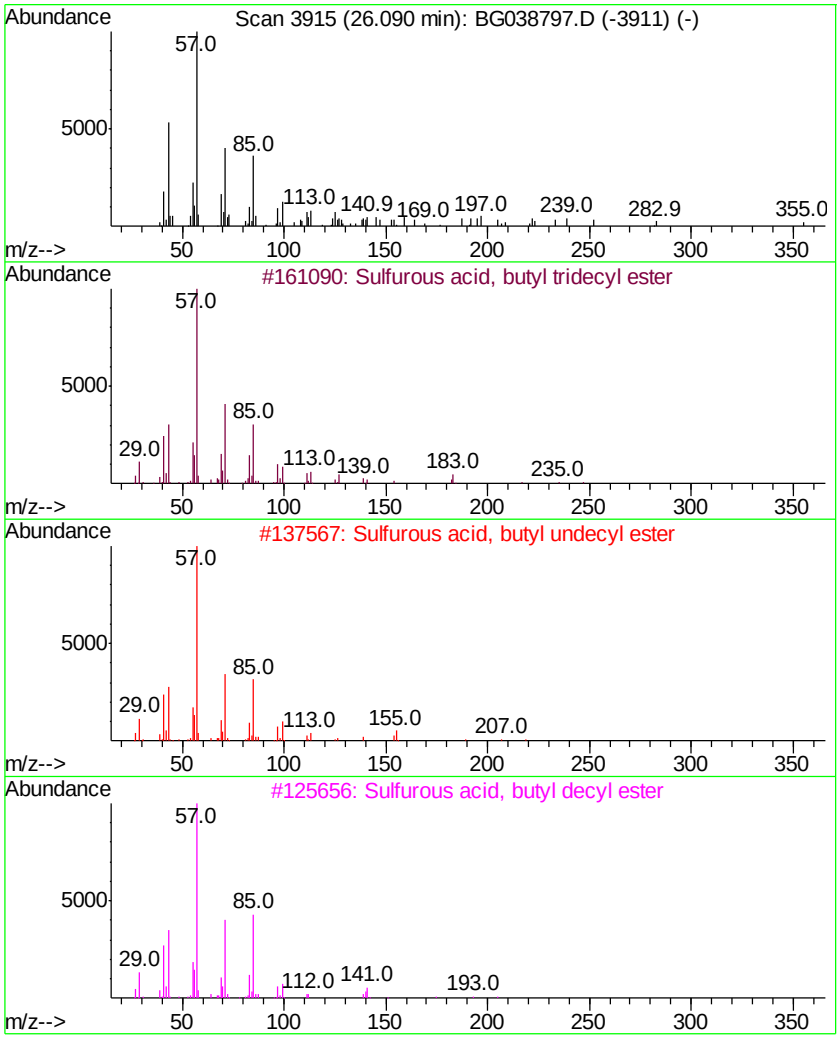
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

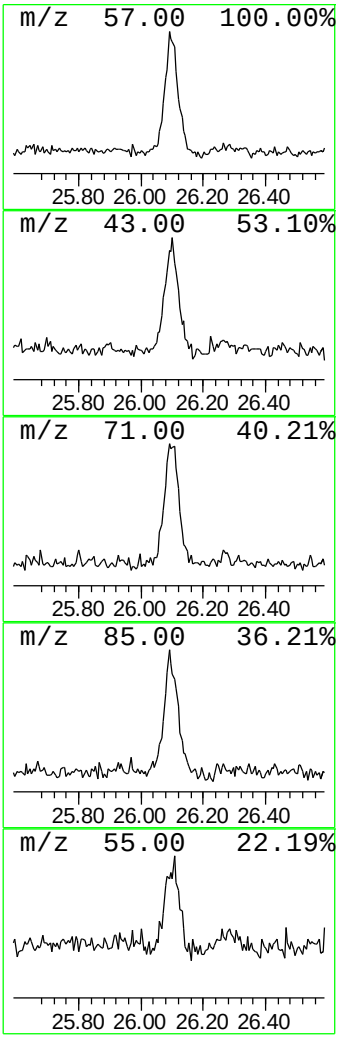
****

Peak Number 20 Sulfurous acid, butyl tride... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	3.75 ng	84476	Perylene-d12	25.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	72
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	72
3	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	72
4	Hentriacontane	437	C31H64	000630-04-6	64
5	2-methyloctacosane	408	C29H60	1000376-72-8	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
Data File : BG038797.D
Acq On : 21 Dec 2018 22:04
Operator : JU/SJ
Sample : J6503-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-GROUNDWATER-1-1

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
Butane, 2-methoxy...	3.18	3.6	ng	49152	1	8.06	274771	20.0
Butanoic acid, 2-...	5.06	2.1	ng	28590	1	8.06	274771	20.0
unknown5.53	5.53	4.7	ng	63819	1	8.06	274771	20.0
Pentanoic acid, 2...	6.66	83.0	ng	1140510	1	8.06	274771	20.0
Hexanoic acid	7.16	14.5	ng	199341	1	8.06	274771	20.0
unknown7.59	7.59	57.3	ng	786892	1	8.06	274771	20.0
unknown8.31	8.31	6.5	ng	90002	1	8.06	274771	20.0
Heptanoic acid	8.67	4.1	ng	56804	1	8.06	274771	20.0
Octanoic acid	10.21	13.6	ng	158835	2	10.88	233737	20.0
Hydrocinnamic acid	12.71	34.8	ng	406099	2	10.88	233737	20.0
Benzenepropanoic ...	13.23	4.1	ng	86415	3	14.70	419488	20.0
n-Hexadecanoic acid	18.30	6.3	ng	136875	4	17.45	436346	20.0
Dichloroacetic ac...	21.32	3.8	ng	85811	5	21.72	454615	20.0
Hexatriacontane	23.18	3.0	ng	67797	5	21.72	454615	20.0
Eicosane, 2-methyl-	23.99	4.3	ng	95927	6	25.04	450573	20.0
Tricosane	24.95	3.5	ng	79218	6	25.04	450573	20.0
Sulfurous acid, b...	26.09	3.8	ng	84476	6	25.04	450573	20.0