LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

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:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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	3.371	8	14	25	rBV4	21650	66969	2.41%	0.469%
2	3.471	25	31	40	rVB	74479	147050	5.29%	1.031%
3	3.747	69	78	96	rBV	439355	1082678	38.92%	7.590%
4	5.216	322	328	341	rVB2	58941	115697	4.16%	0.811%
5	6.156	481	488	499	rBV	115929	234200	8.42%	1.642%
6	7.836	767	774	789	rBV2	69437	163197	5.87%	1.144%
7	8.230	833	841	855	rBV	303151	614833	22.10%	4.310%
8	8.712	916	923	938	rBV2	85885	173854	6.25%	1.219%
9	9.047	969	980	994	rBV	351223	682264	24.53%	4.783%
10	9.910	1119	1127	1146	rBV	247061	498951	17.94%	3.498%
11	11.591	1405	1413	1427	rBV	116459	226345	8.14%	1.587%
12	13.976	1809	1819	1830	rBV	977378	1637321	58.86%	11.478%
13	14.769	1949	1954	1960	rVB	20257	30364	1.09%	0.213%
14	15.345	2046	2052	2066	rVB3	205109	356116	12.80%	2.497%
15	16.044	2166	2171	2175	rBV2	40900	61886	2.22%	0.434%
16	16.121	2179	2184	2189	rVB3	29302	49386	1.78%	0.346%
17	16.826	2294	2304	2314	rBV	863953	1428539	51.35%	10.015%
18	17.002	2326	2334	2344	rVB4	27524	64890	2.33%	0.455%
19	17.531	2418	2424	2435	rVB	549414	802688	28.85%	5.627%
20	18.077	2510	2517	2528	rBV2	307717	489074	17.58%	3.429%
21	18.700	2617	2623	2630	rVB3	52834	79639	2.86%	0.558%
22	18.900	2651	2657	2664	rBV2	43393	63816	2.29%	0.447%
23	18.976	2667	2670	2679	rVB2	37073	52913	1.90%	0.371%
24	20.134	2862	2867	2872	rBV5	19102	28477	1.02%	0.200%
25	20.621	2942	2950	2957	rBV	1971632	2781845	100.00%	19.502%
26	21.350	3070	3074	3080	rVB	82511	112285	4.04%	0.787%
27	22.231	3218	3224	3233	rVB	288332	474680	17.06%	3.328%
28	22.407	3247	3254	3263	rBV2	345754	648480	23.31%	4.546%
29	23.682	3464	3471	3481	rBV2	208660	417765	15.02%	2.929%
30	26.085	3867	3880	3893	rBV2	199217	678223	24.38%	4.755%

Sum of corrected areas: 14264425

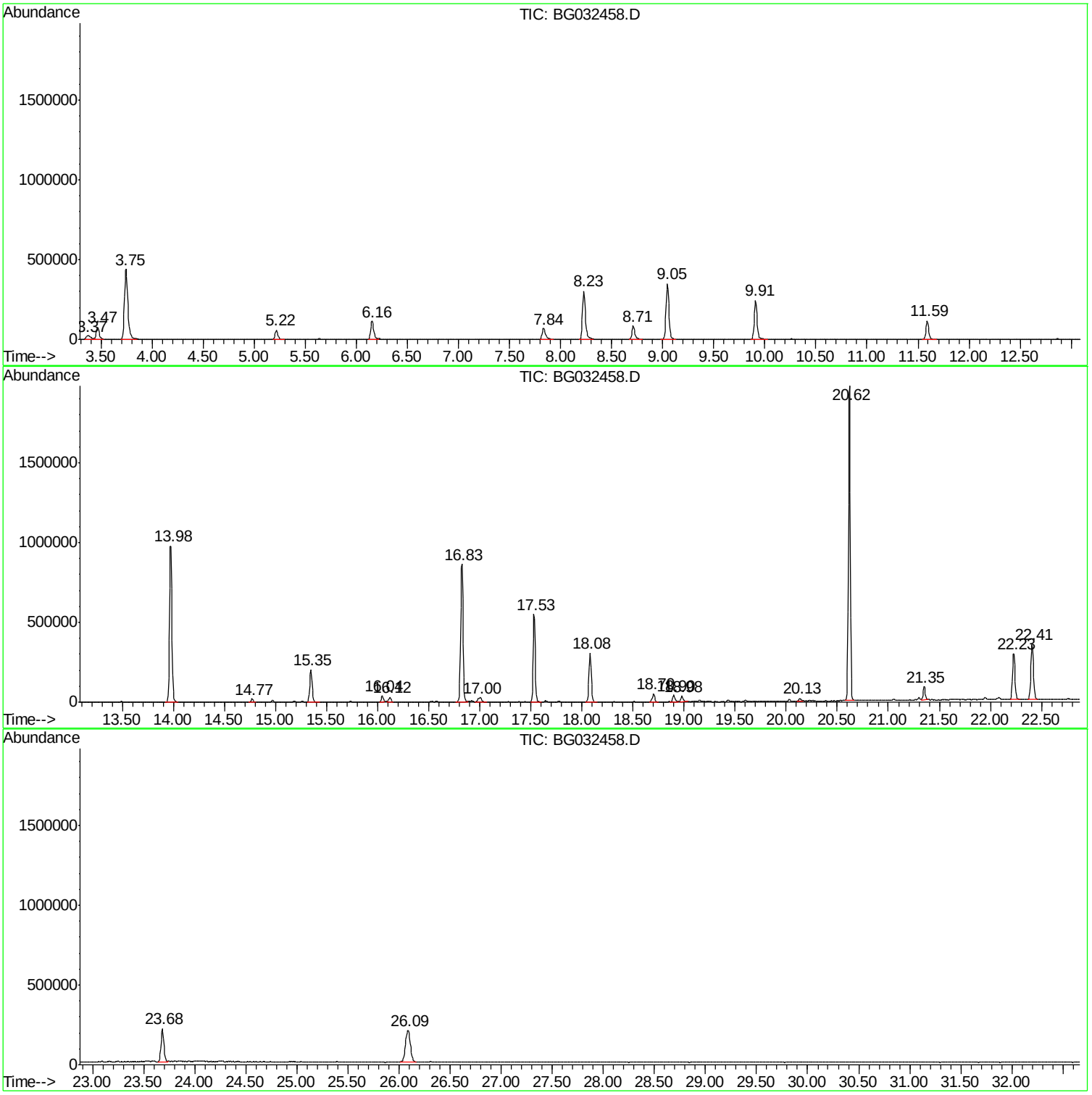
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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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Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

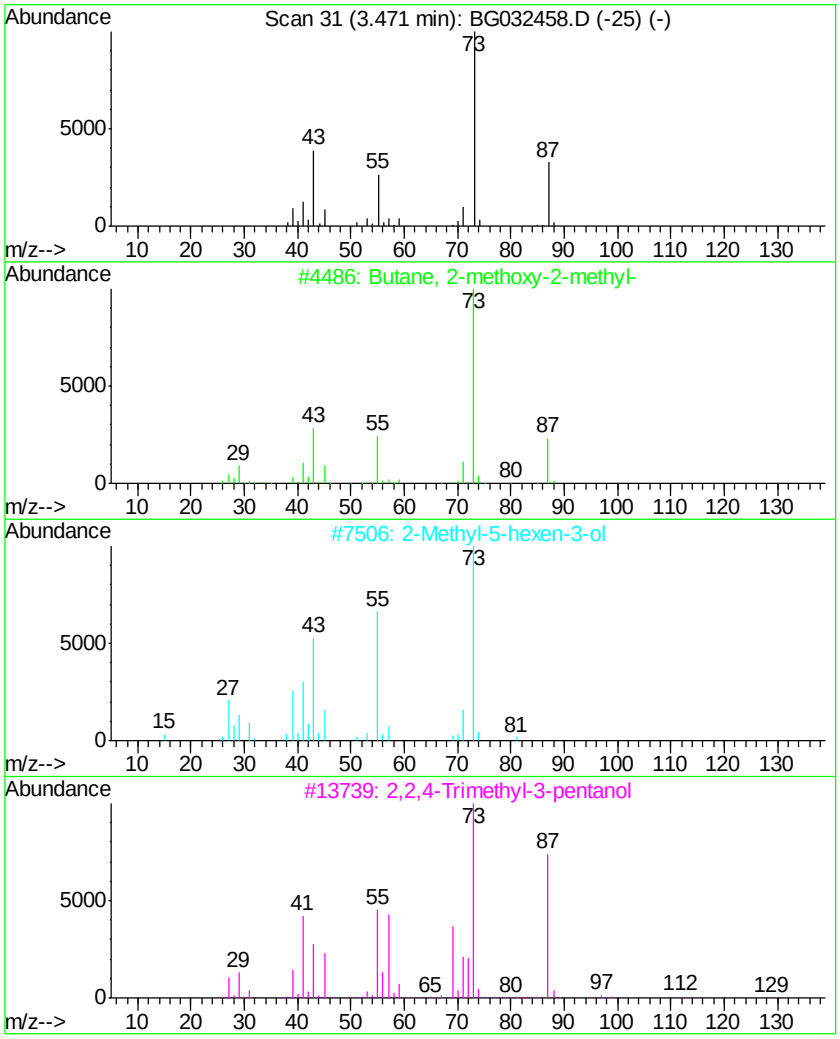
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

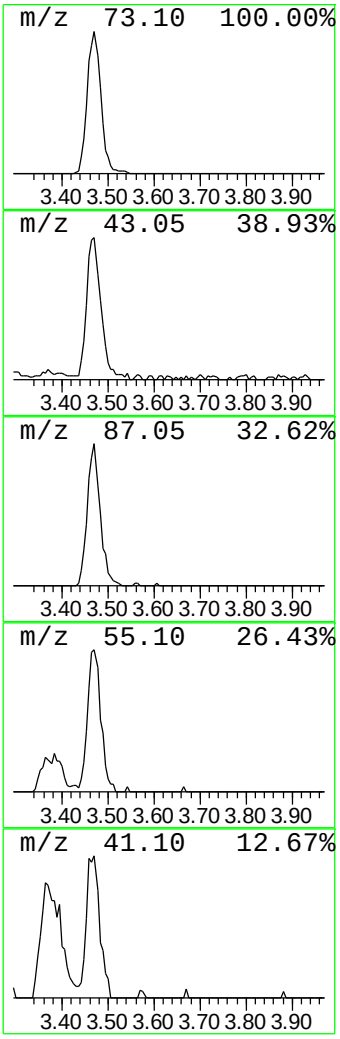
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	16.92 ng	147050	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	47
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

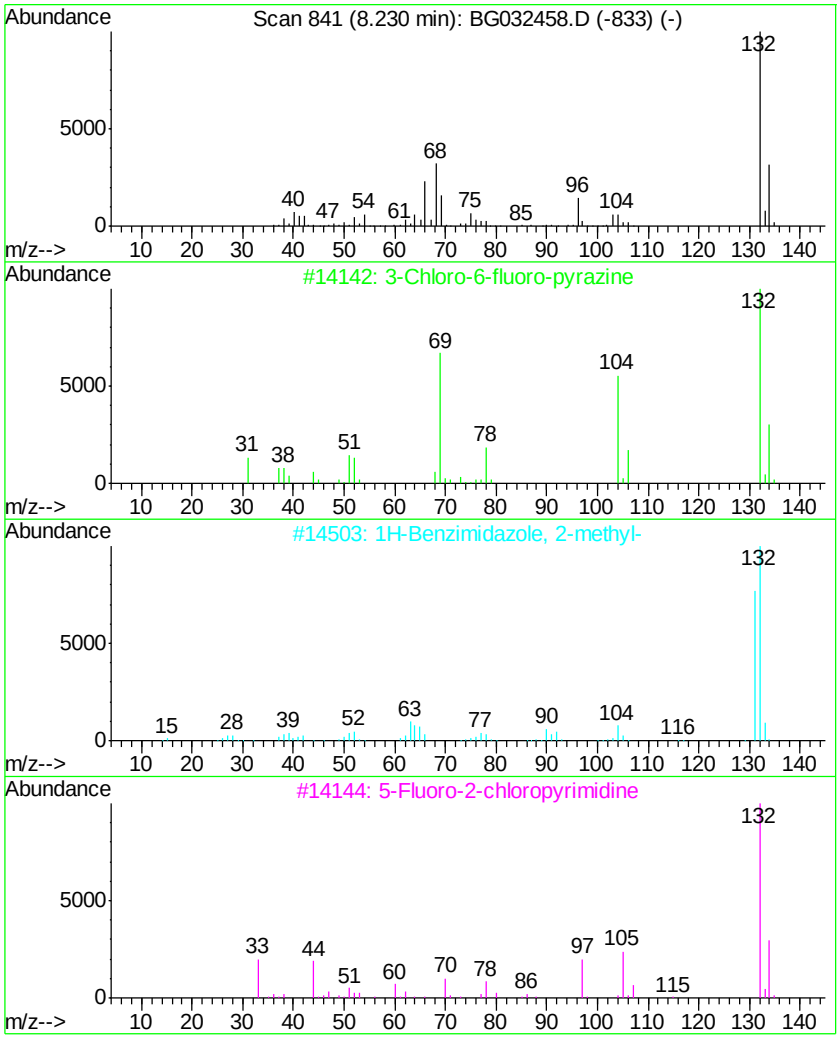
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

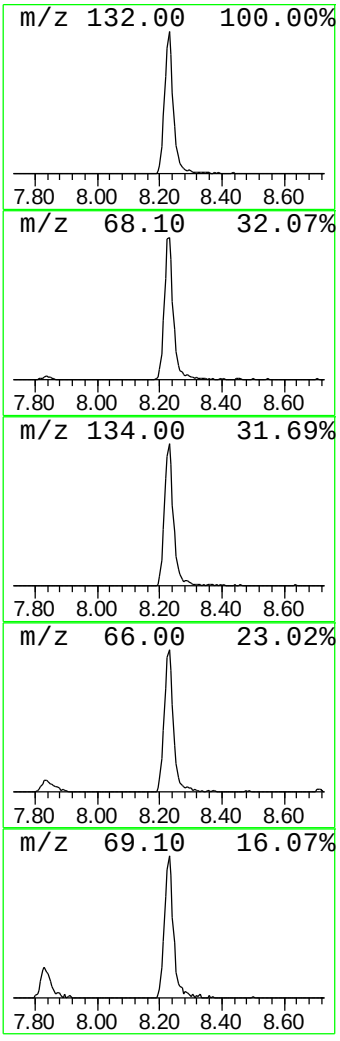
****

Peak Number 5 unknown8.23 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	70.73 ng	614833	1,4-Dichlorobenzene-d4	8.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

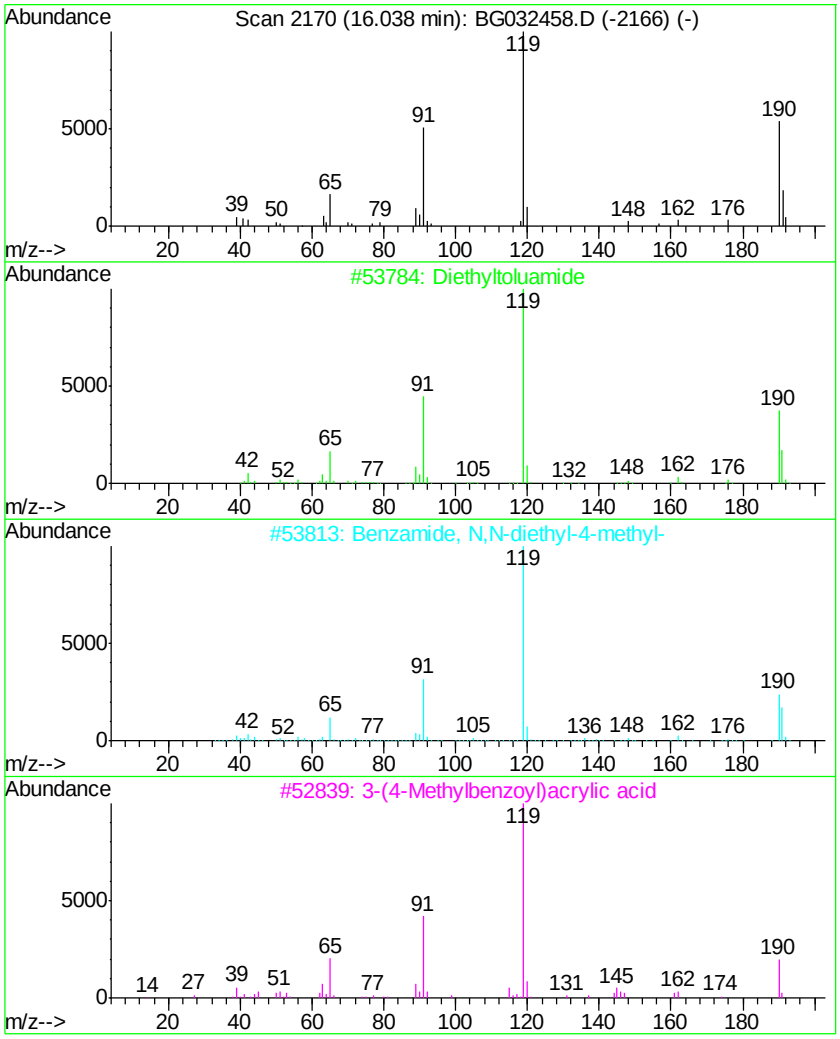
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

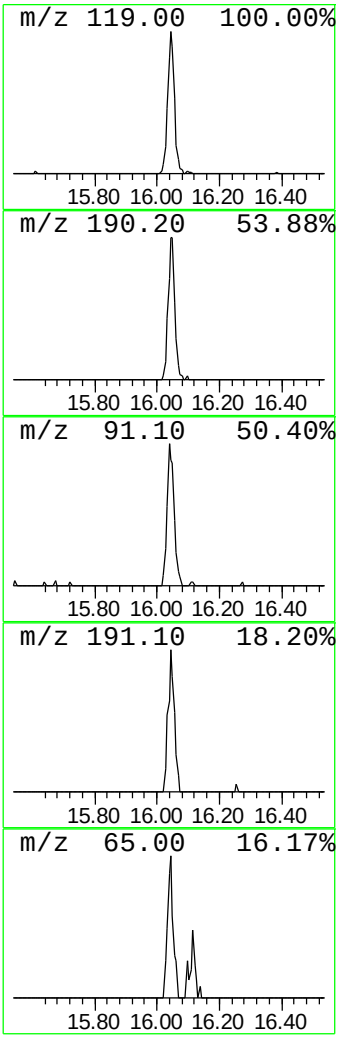
****

Peak Number 7 Diethyltoluamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	3.48 ng	61886	Acenaphthene-d10	15.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	72
3	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	64
4	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	62
5	1-Propanone, 2-methyl-1-(2-methy...	162	C11H14O	002040-21-3	53





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Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

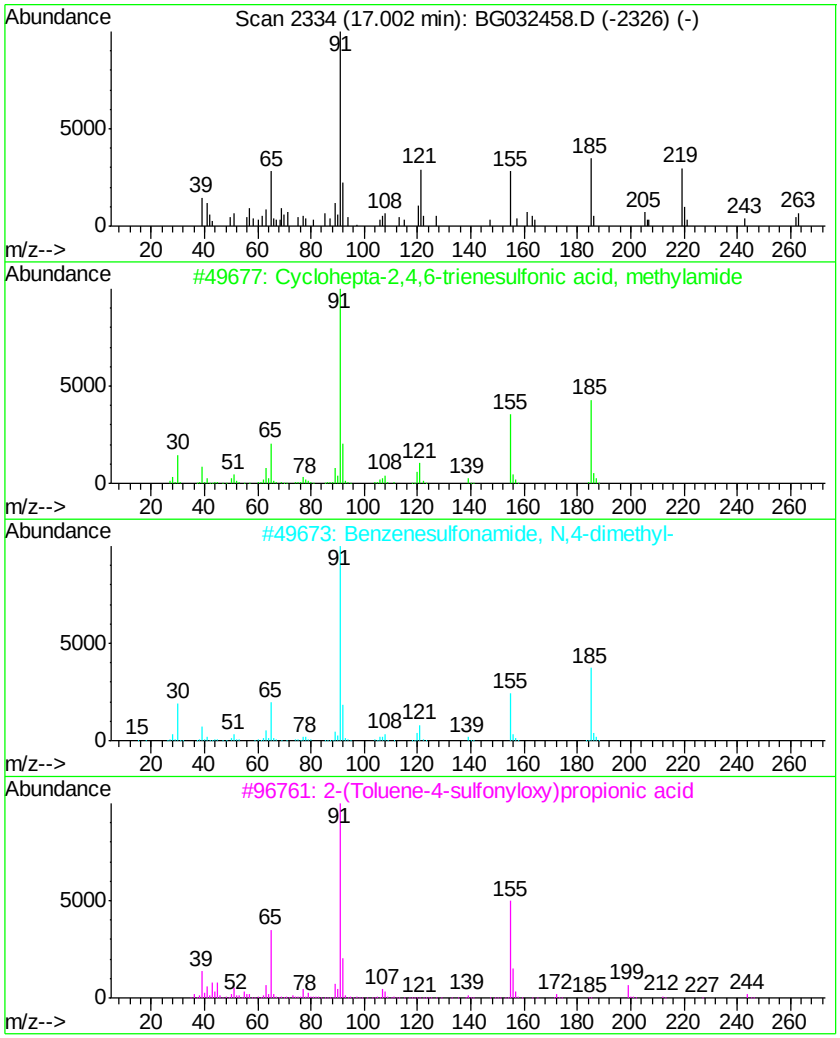
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

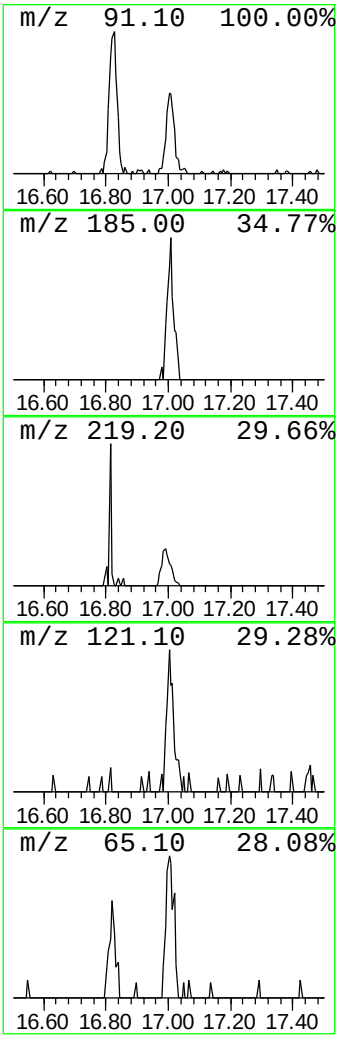
****

Peak Number 9 Cyclohepta-2,4,6-trienesulf... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	2.65 ng	64890	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	64
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	52
3	2-(Toluene-4-sulfonyloxy)propion...	244	C10H12O5S	1000210-27-2	35
4	3-[p-Toluenesulfonoxy]picolinic ...	293	C13H11NO5S	1000212-93-8	32
5	6-Methoxy-m-toluenesulfonyl chlo...	220	C8H9ClO3S	088040-86-2	25





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Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

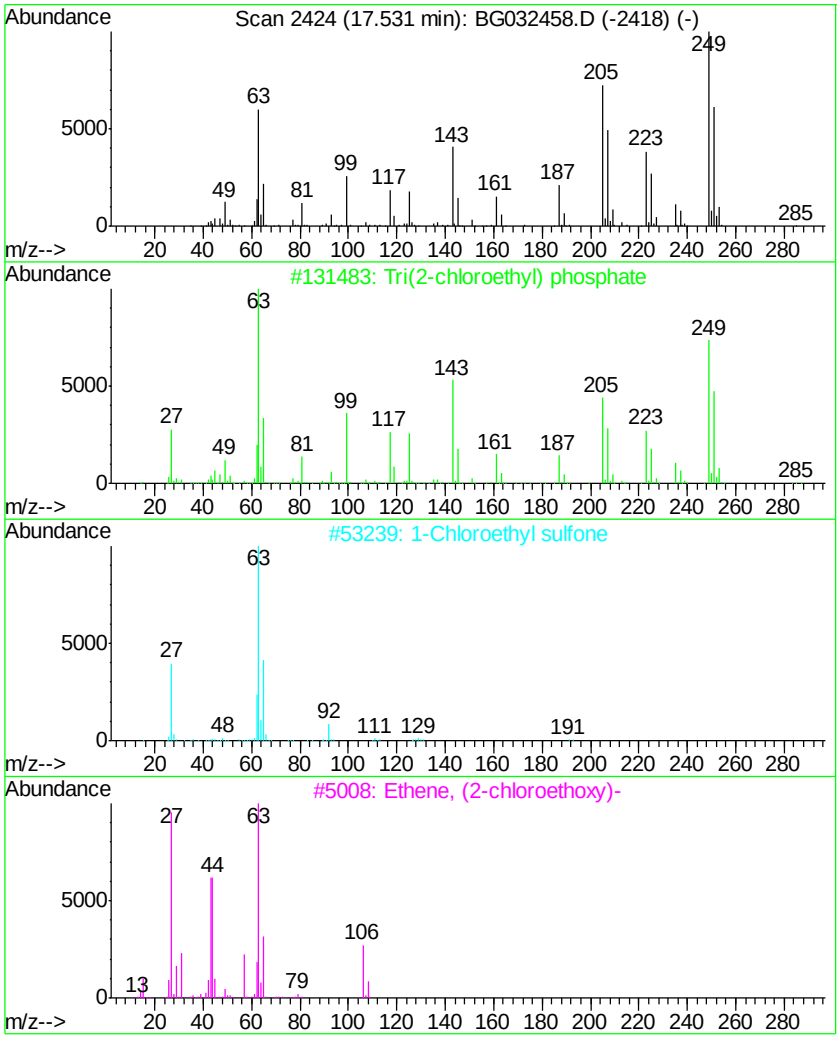
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

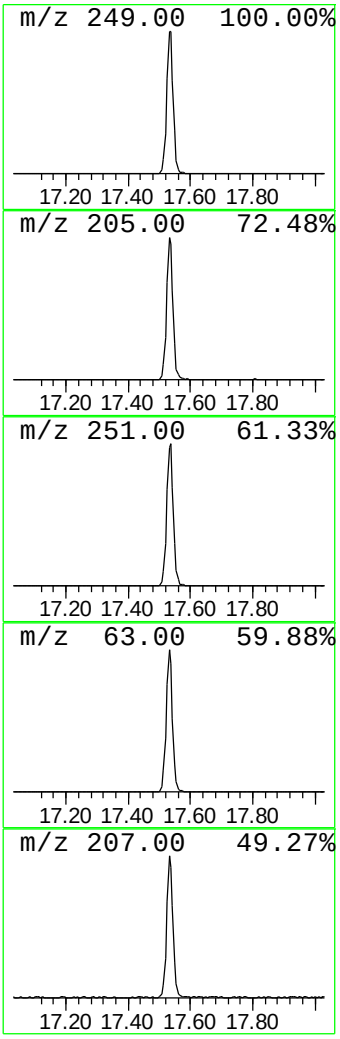
****

Peak Number 10 Tri(2-chloroethyl) phosphate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	32.82 ng	802688	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tri(2-chloroethyl) phosphate	284	C6H12Cl3O4P	000115-96-8	91
2	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	27
3	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	16
4	Propanoic acid, 2-chloro-, ethyl...	136	C5H9ClO2	000535-13-7	16
5	Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	12





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Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

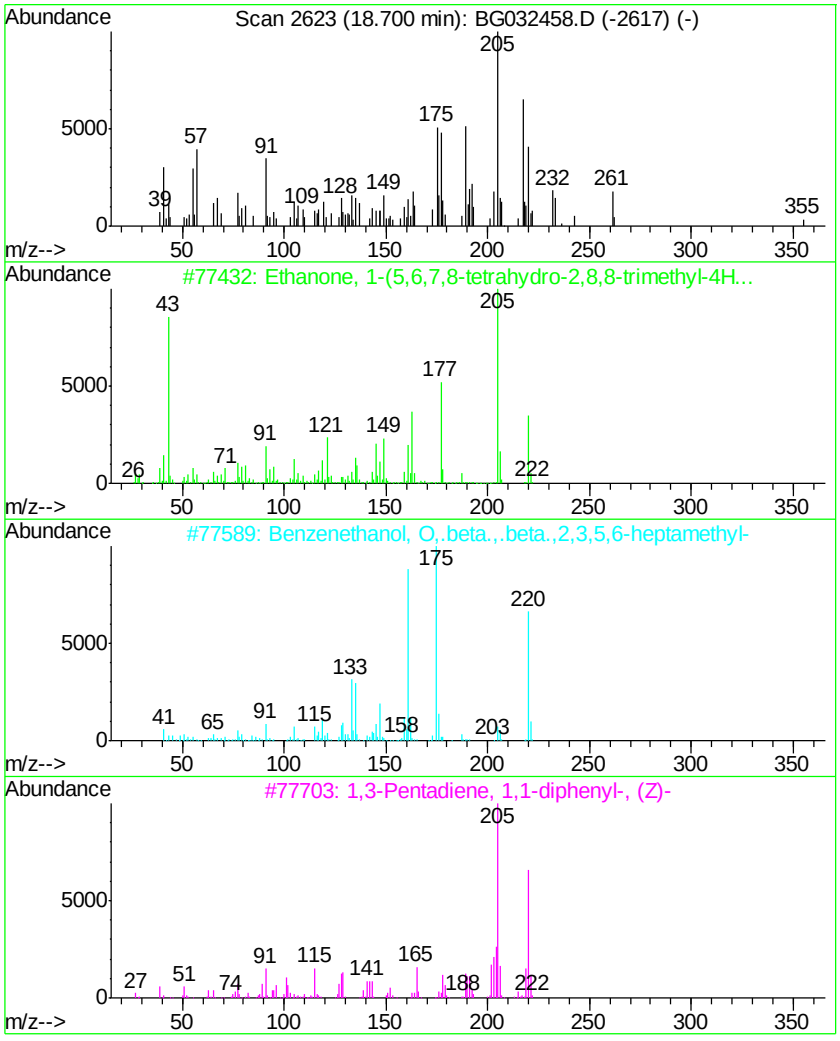
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

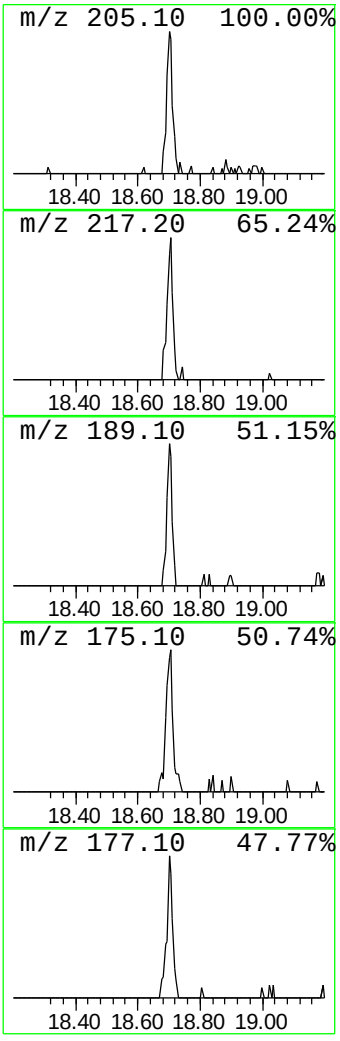
****

Peak Number 11 Ethanone, 1-(5,6,7,8-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	3.26 ng	79639	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	56
2	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	44
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	42
4	2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	38
5	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	38





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

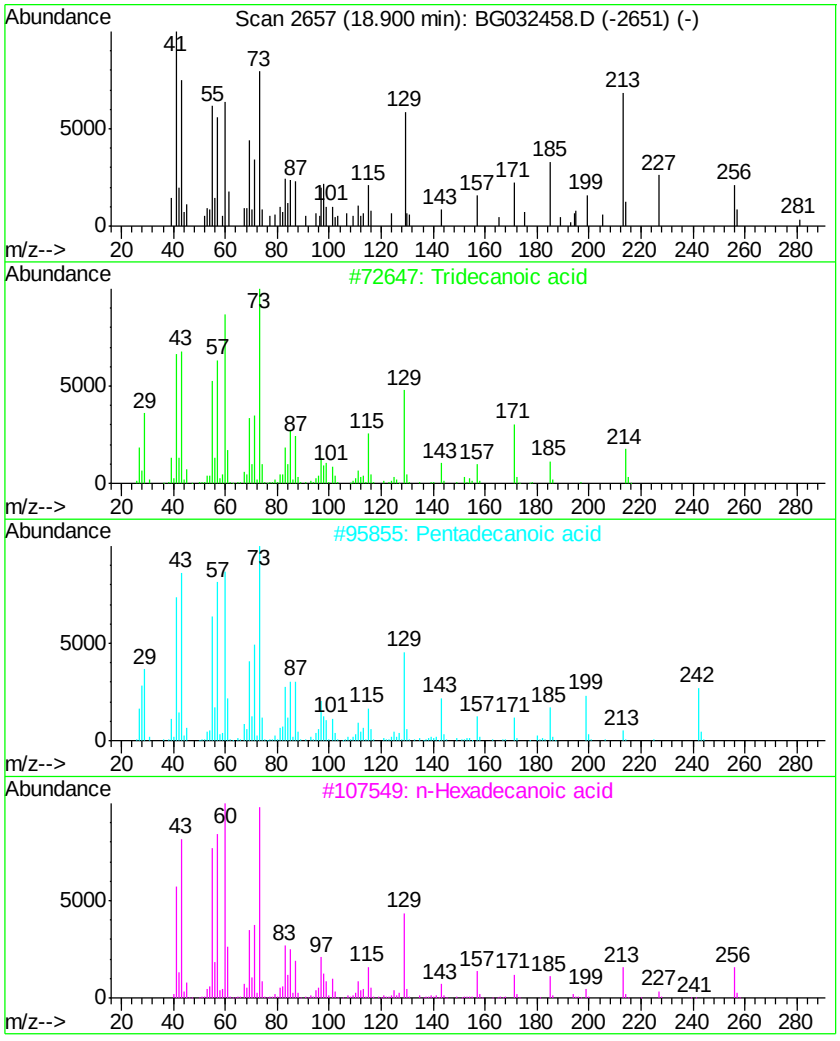
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

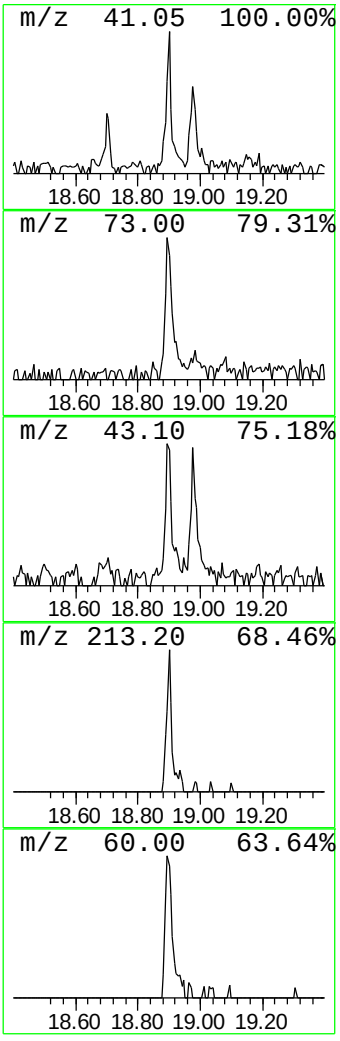
****

Peak Number 12 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.90	2.61 ng	63816	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
5	Sebacic acid, butyl ethyl ester	286	C16H30O4	1000355-90-3	27





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

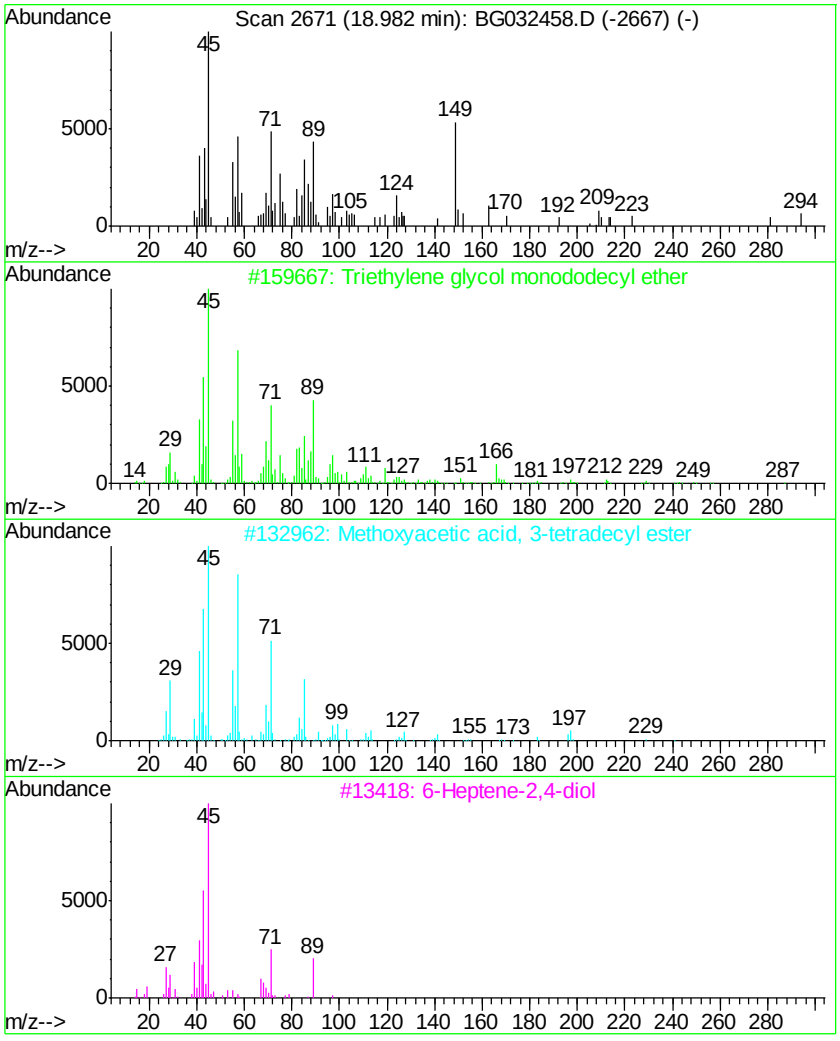
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

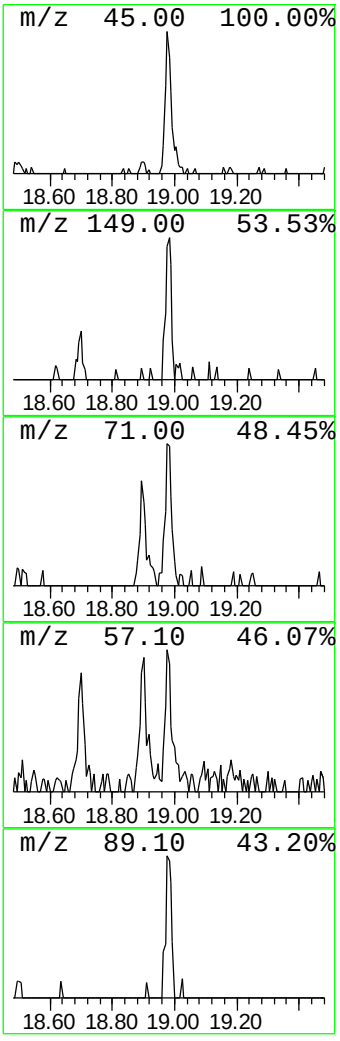
****

Peak Number 13 Triethylene glycol monodode... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.98	2.16 ng	52913	Phenanthrene-d10	18.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethylene glycol monododecyl e...	318	C18H38O4	003055-94-5	58
2	Methoxyacetic acid, 3-tetradecyl...	286	C17H34O3	1000282-04-9	43
3	6-Heptene-2,4-diol	130	C7H14O2	019781-76-1	43
4	Octaethylene glycol monododecyl ...	538	C28H58O9	003055-98-9	32
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	27





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

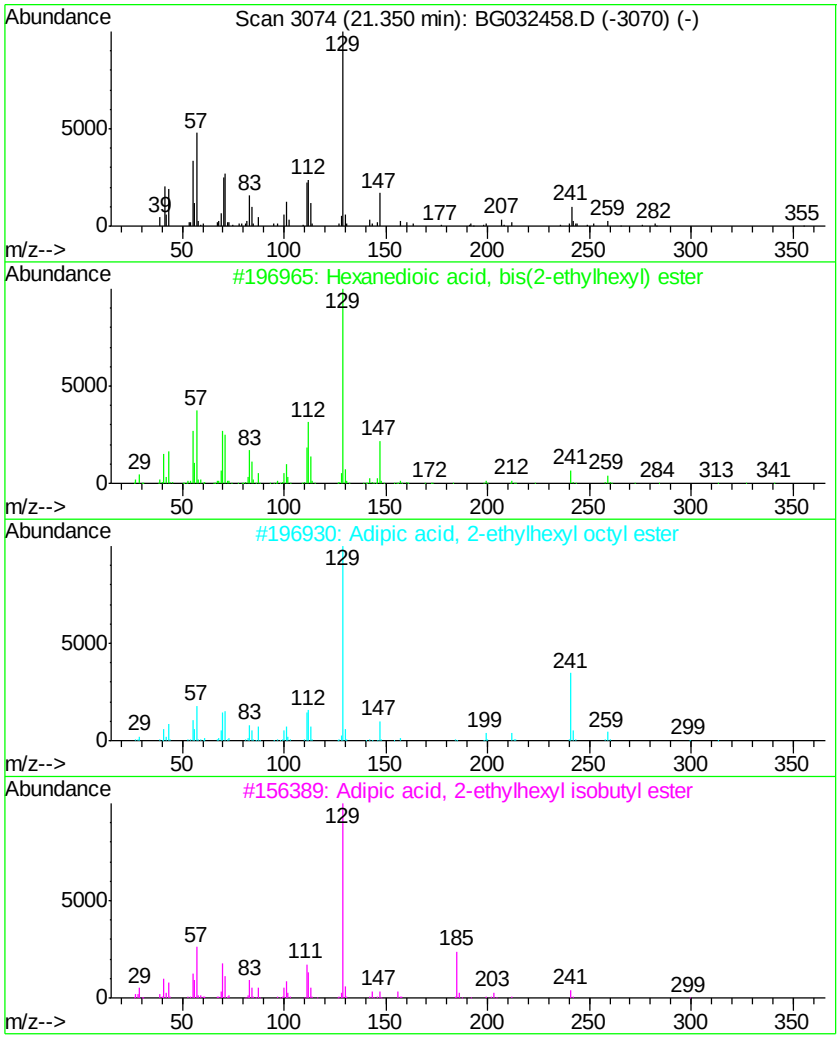
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

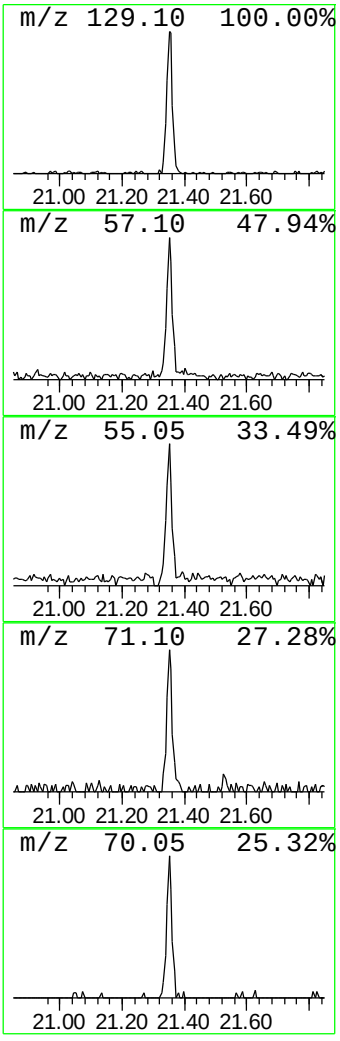
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Hexanedioic acid, bis(2-eth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.46 ng	112285	Chrysene-d12	22.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	90
3	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1000324-48-0	72
4	Adipic acid, octyl 2-octyl ester	370	C22H42O4	1000324-45-0	64
5	Diisooctyl adipate	370	C22H42O4	001330-86-5	64





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

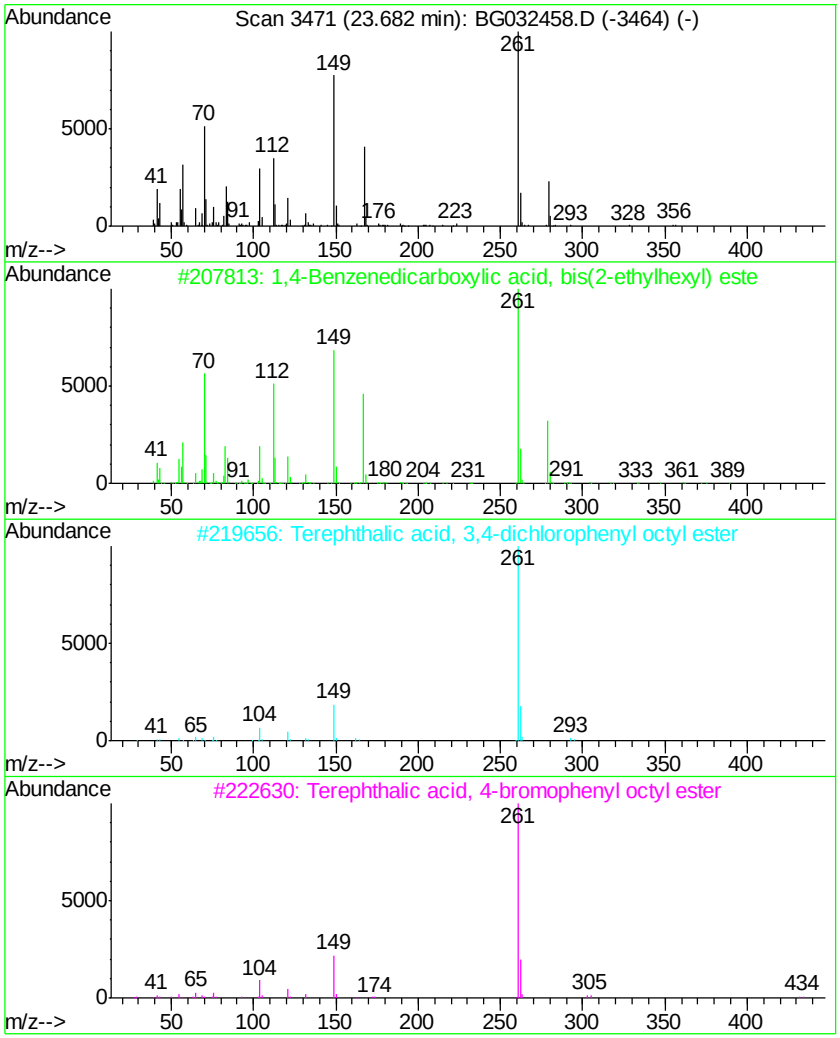
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

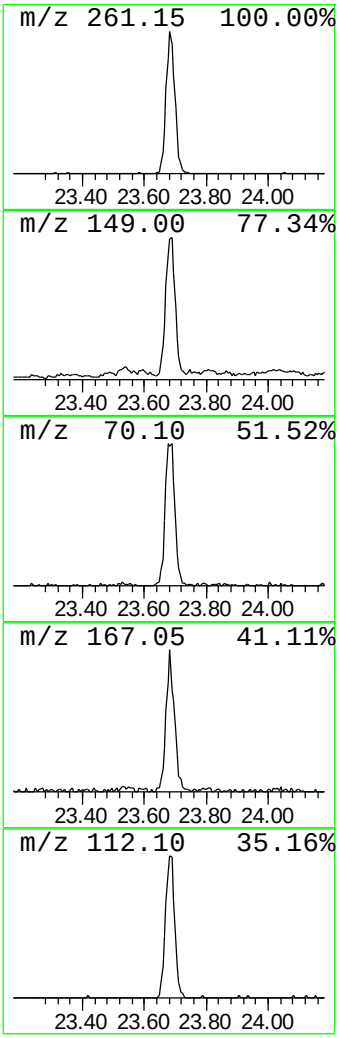
****

Peak Number 15 1,4-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.68	12.88 ng	417765	Chrysene-d12	22.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	Terephthalic acid, 3,4-dichlorop...	422	C22H24Cl2O4	1000323-69-2	49
3	Terephthalic acid, 4-bromophenyl...	432	C22H25BrO4	1000323-68-4	49
4	Terephthalic acid, 4-chloro-3-me...	402	C23H27ClO4	1000323-70-4	49
5	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	49





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG013018\
Data File : BG032458.D
Acq On : 31 Jan 2018 1:23
Operator : SJ/JU
Sample : J1365-02
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUNDWATER

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.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...	3.47	16.9	ng	147050	1	8.71	173854	20.0
unknown8.23	8.23	70.7	ng	614833	1	8.71	173854	20.0
Diethyltoluamide	16.04	3.5	ng	61886	3	15.35	356116	20.0
Cyclohepta-2,4,6-...	17.00	2.6	ng	64890	4	18.08	489074	20.0
Tri(2-chloroethyl...	17.53	32.8	ng	802688	4	18.08	489074	20.0
Ethanone, 1-(5,6,...	18.70	3.3	ng	79639	4	18.08	489074	20.0
Tridecanoic acid	18.90	2.6	ng	63816	4	18.08	489074	20.0
Triethylene glyco...	18.98	2.2	ng	52913	4	18.08	489074	20.0
Hexanedioic acid,...	21.35	3.5	ng	112285	5	22.41	648480	20.0
1,4-Benzenedicarb...	23.68	12.9	ng	417765	5	22.41	648480	20.0