LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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	5.603	422	428	436	rBV	230310	395394	7.59%	1.730%
2	5.873	468	474	480	rBV	72288	114792	2.20%	0.502%
3	7.207	693	701	715	rVB3	155729	427112	8.20%	1.868%
4	7.583	758	765	778	rBV	420761	778234	14.94%	3.404%
5	7.689	778	783	792	rVB	46844	80098	1.54%	0.350%
6	8.059	840	846	849	rBV	82861	143211	2.75%	0.626%
7	8.094	849	852	858	rVV	48610	80273	1.54%	0.351%
8	8.382	893	901	908	rBV	380099	684961	13.15%	2.996%
9	8.494	914	920	929	rVB2	40871	75533	1.45%	0.330%
10	8.829	971	977	986	rBV	95511	194623	3.74%	0.851%
11	9.234	1038	1046	1058	rVB	337101	639579	12.28%	2.798%
12	9.957	1162	1169	1177	rVB	90452	145530	2.79%	0.637%
13	10.873	1316	1325	1332	rBV	108448	203231	3.90%	0.889%
14	11.044	1344	1354	1366	rBV	290317	520032	9.98%	2.275%
15	11.261	1382	1391	1405	rBV	1483793	2699607	51.83%	11.810%
16	11.390	1405	1413	1420	rVV	88039	161179	3.09%	0.705%
17	11.473	1420	1427	1434	rVB	88335	154977	2.98%	0.678%
18	12.800	1646	1653	1666	rVB	1416370	2202506	42.28%	9.635%
19	13.241	1715	1728	1734	rBV	3286399	5208947	100.00%	22.787%
20	13.317	1734	1741	1750	rVB	827999	1396407	26.81%	6.109%
21	13.523	1770	1776	1783	rBV	196242	301626	5.79%	1.319%
22	14.140	1876	1881	1887	rVB	45279	64017	1.23%	0.280%
23	14.692	1966	1975	1984	rBV3	176068	349037	6.70%	1.527%
24	15.227	2058	2066	2068	rBV2	45910	89065	1.71%	0.390%
25	15.491	2106	2111	2118	rVB	60626	86113	1.65%	0.377%
26	16.044	2198	2205	2215	rBV3	35997	92979	1.78%	0.407%
27	16.185	2222	2229	2241	rBV2	811233	1216851	23.36%	5.323%
28	17.154	2388	2394	2401	rBV	61152	85194	1.64%	0.373%
29	17.442	2437	2443	2451	rVB	240209	377409	7.25%	1.651%
30	17.718	2483	2490	2496	rBV2	48622	77530	1.49%	0.339%
31	18.300	2584	2589	2597	rBV2	38409	70043	1.34%	0.306%
32	18.605	2636	2641	2648	rVB	54865	79168	1.52%	0.346%
33	19.921	2861	2865	2871	rVB	43330	62479	1.20%	0.273%
34	20.045	2879	2886	2894	rBV	1830531	2380804	45.71%	10.415%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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	21.320	3095	3103	3109	rBV2	35446	77603	1.49%	0.339%
36	21.719	3164	3171	3178	rBV2	249670	426333	8.18%	1.865%
37	23.171	3408	3418	3425	rBV2	45841	103167	1.98%	0.451%
38	23.987	3549	3557	3567	rVB3	32273	72578	1.39%	0.317%
39	24.939	3711	3719	3723	rBV4	26356	65621	1.26%	0.287%
40	25.010	3723	3731	3743	rVB2	143377	417962	8.02%	1.828%
41	26.079	3903	3913	3923	rBV4	18390	57560	1.11%	0.252%

Sum of corrected areas: 22859365

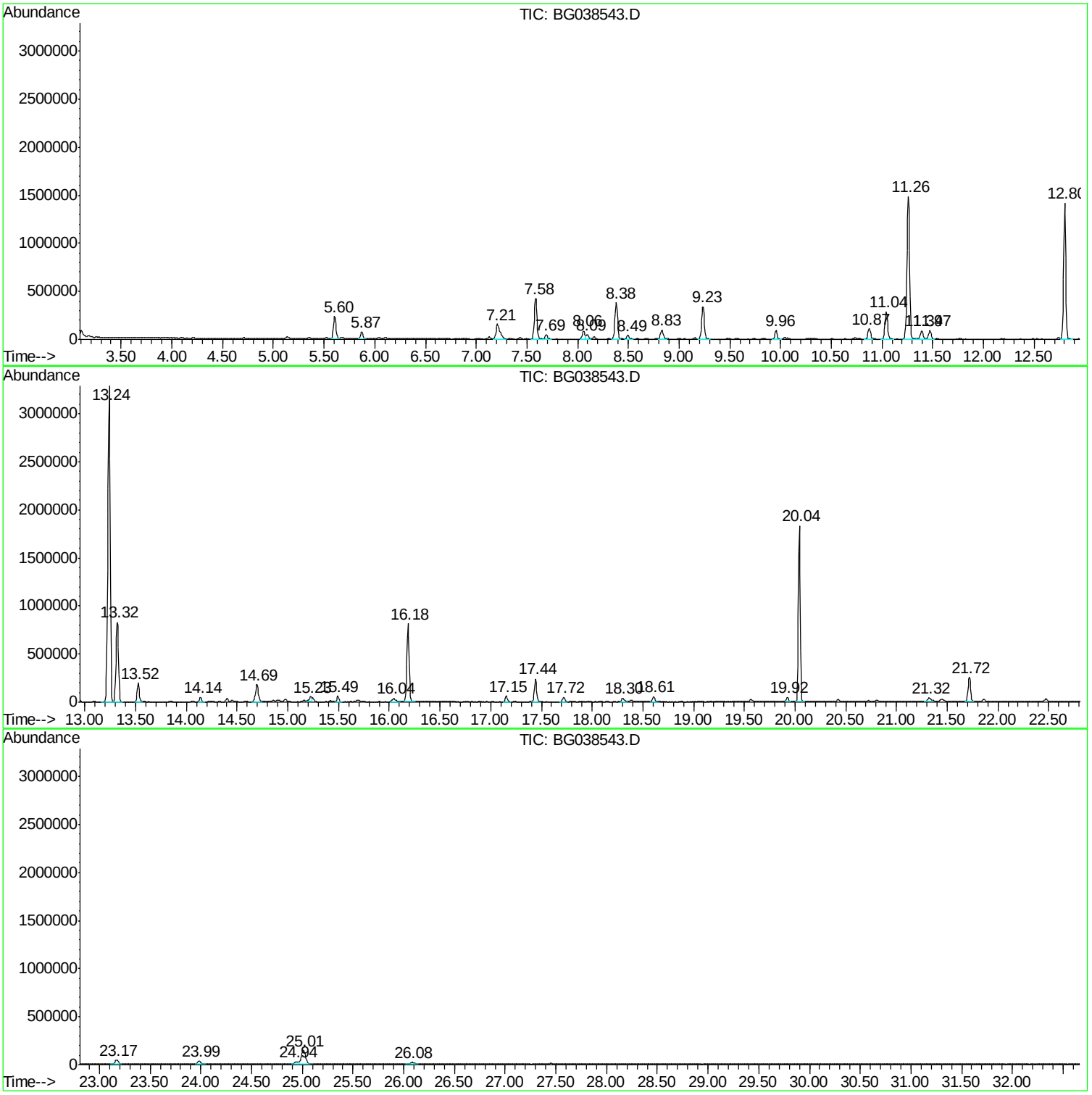
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

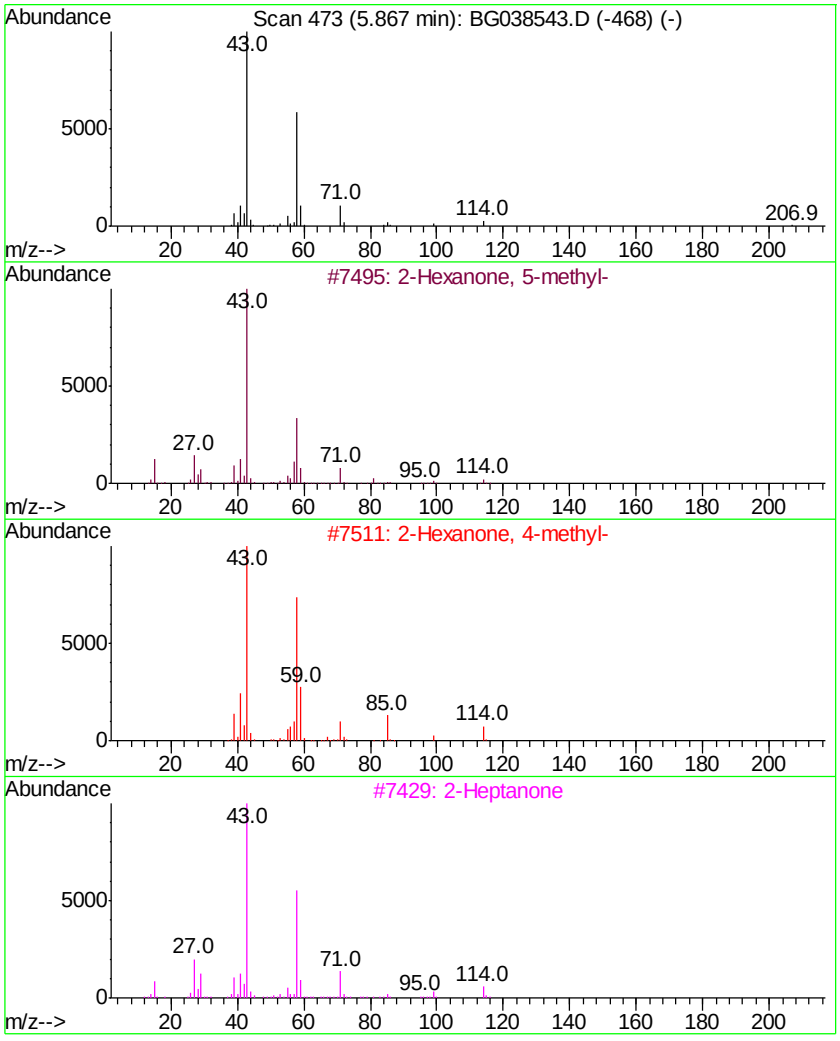
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

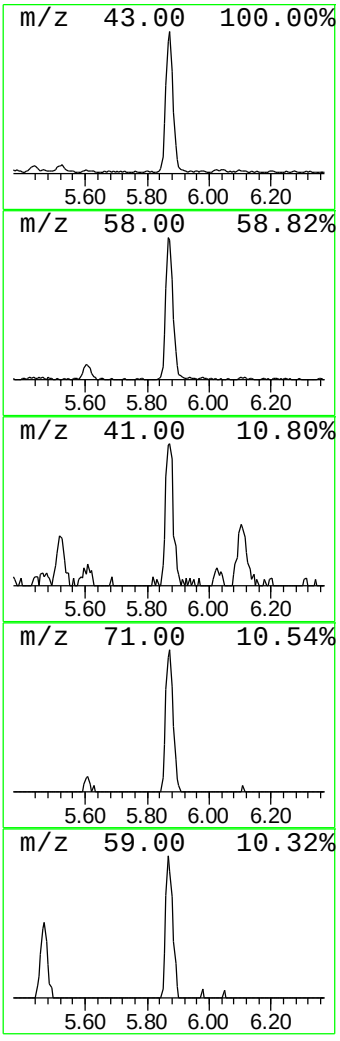
****

Peak Number 1 2-Hexanone, 5-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	16.03 ng	114792	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	90
2	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	78
3	2-Heptanone	114	C7H14O	000110-43-0	78
4	2-Hexanone	100	C6H12O	000591-78-6	56
5	Pentanal, 2,4-dimethyl-	114	C7H14O	027944-79-2	40





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

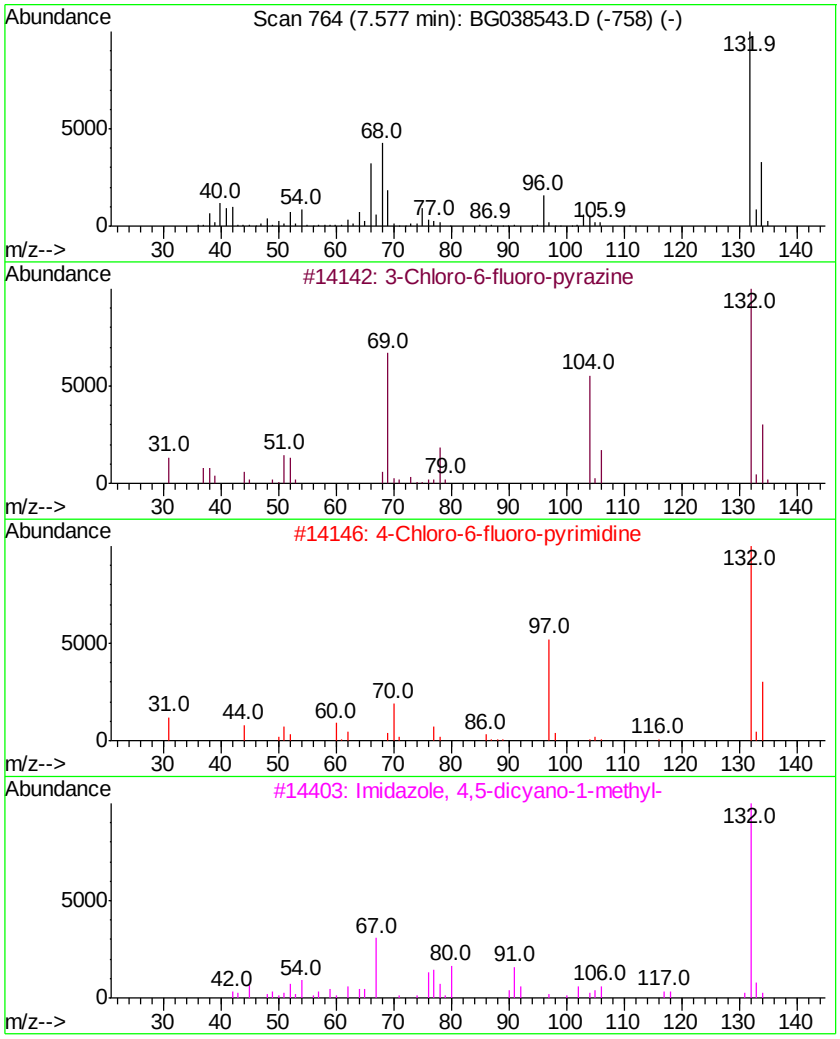
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

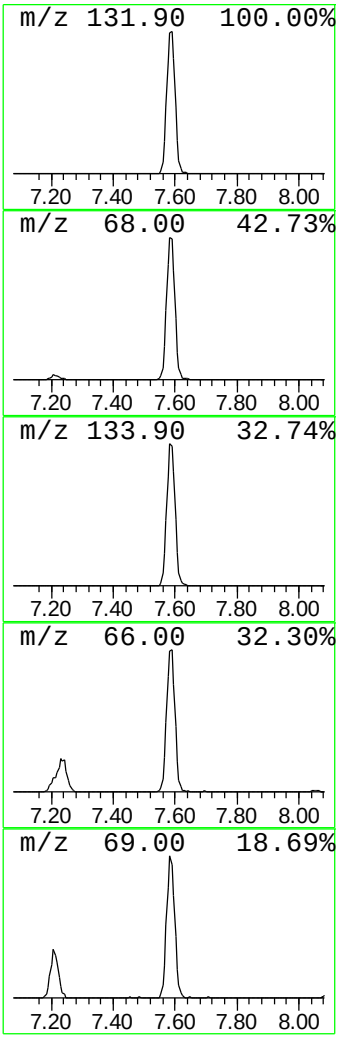
****

Peak Number 2 unknown7.58 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	108.68 ng	778234	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

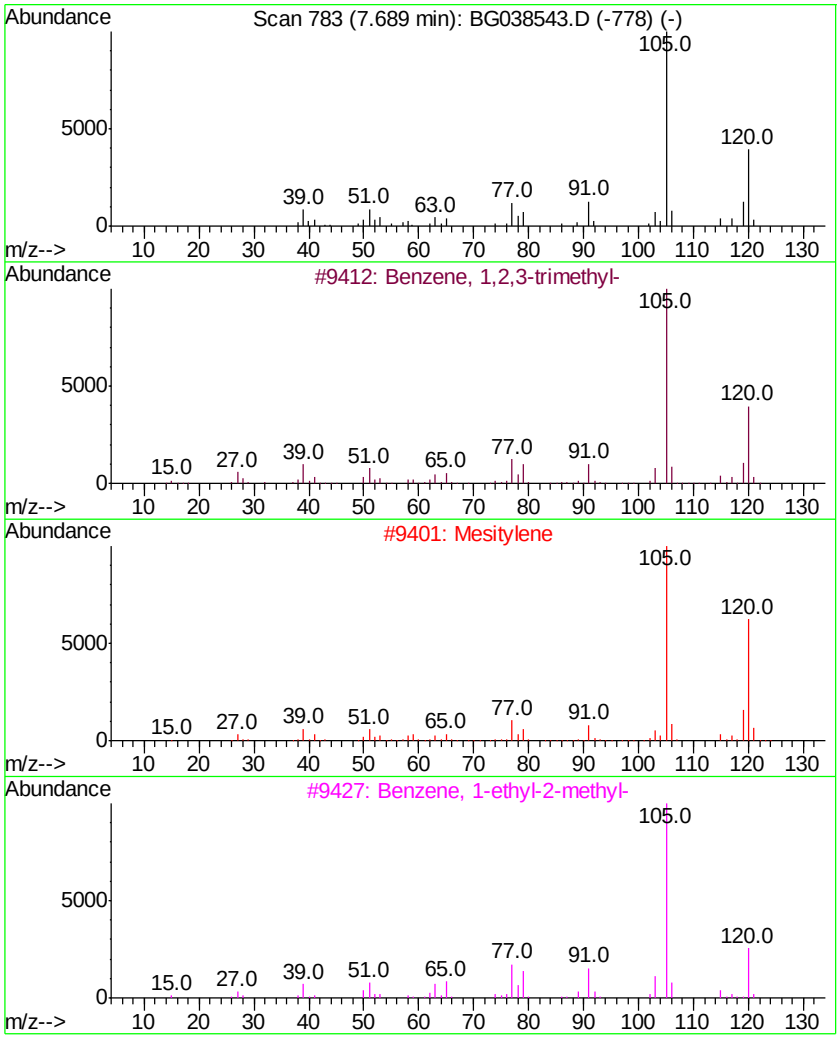
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

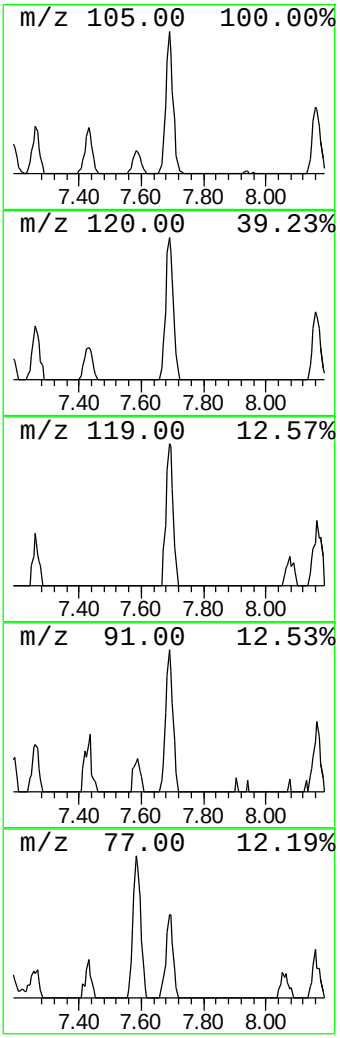
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	11.19 ng	80098	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

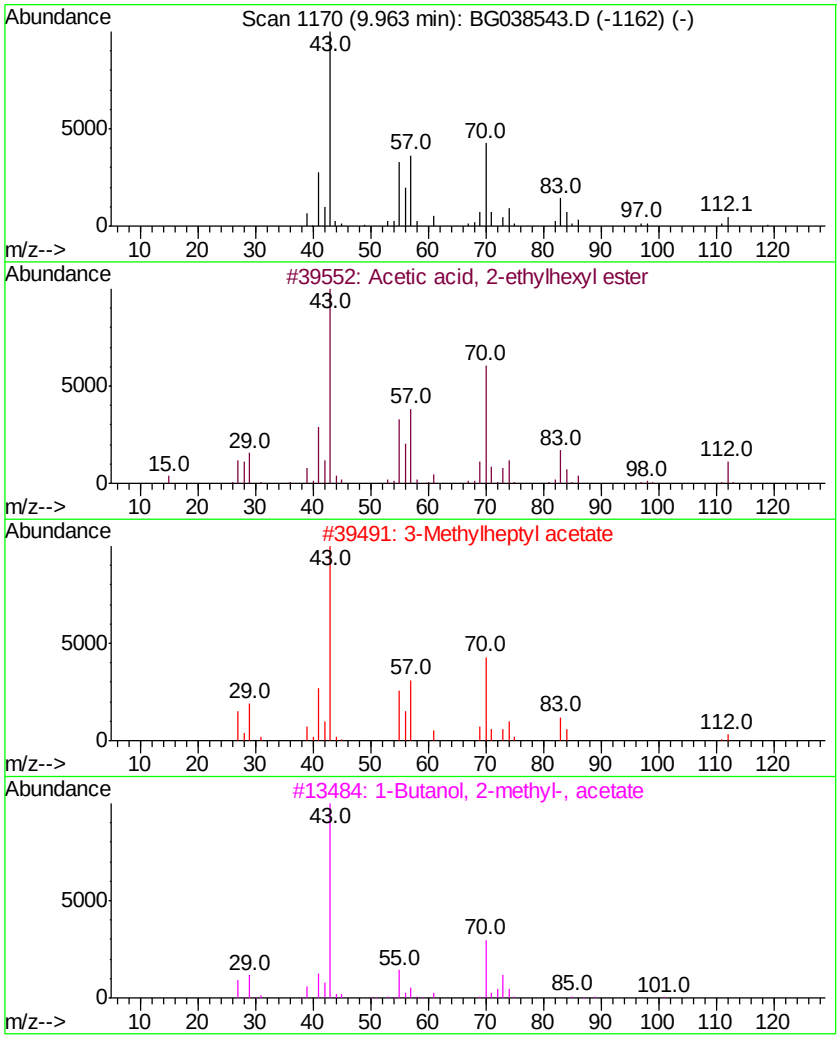
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

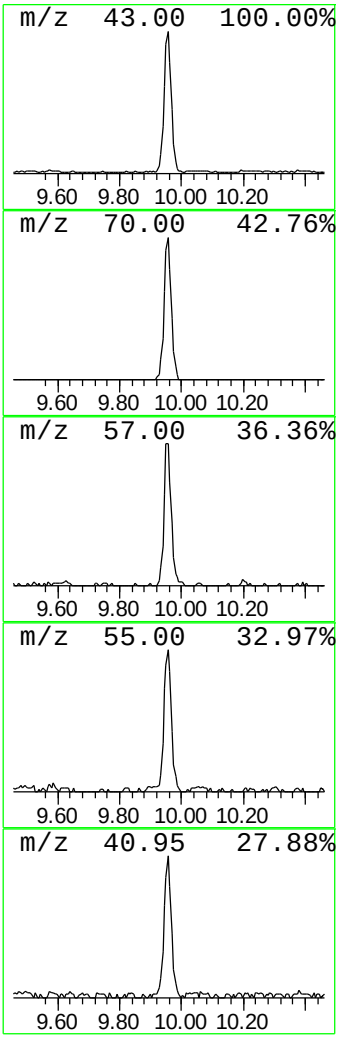
****

Peak Number 5 Acetic acid, 2-ethylhexyl e... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	14.32 ng	145530	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-ethylhexyl ester	172	C10H20O2	000103-09-3	90
2	3-Methylheptyl acetate	172	C10H20O2	072218-58-7	86
3	1-Butanol, 2-methyl-, acetate	130	C7H14O2	000624-41-9	59
4	2-Butene-1,4-diol, diacetate	172	C8H12O4	018621-75-5	47
5	Acetic acid, 2-ethylbutyl ester	144	C8H16O2	010031-87-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

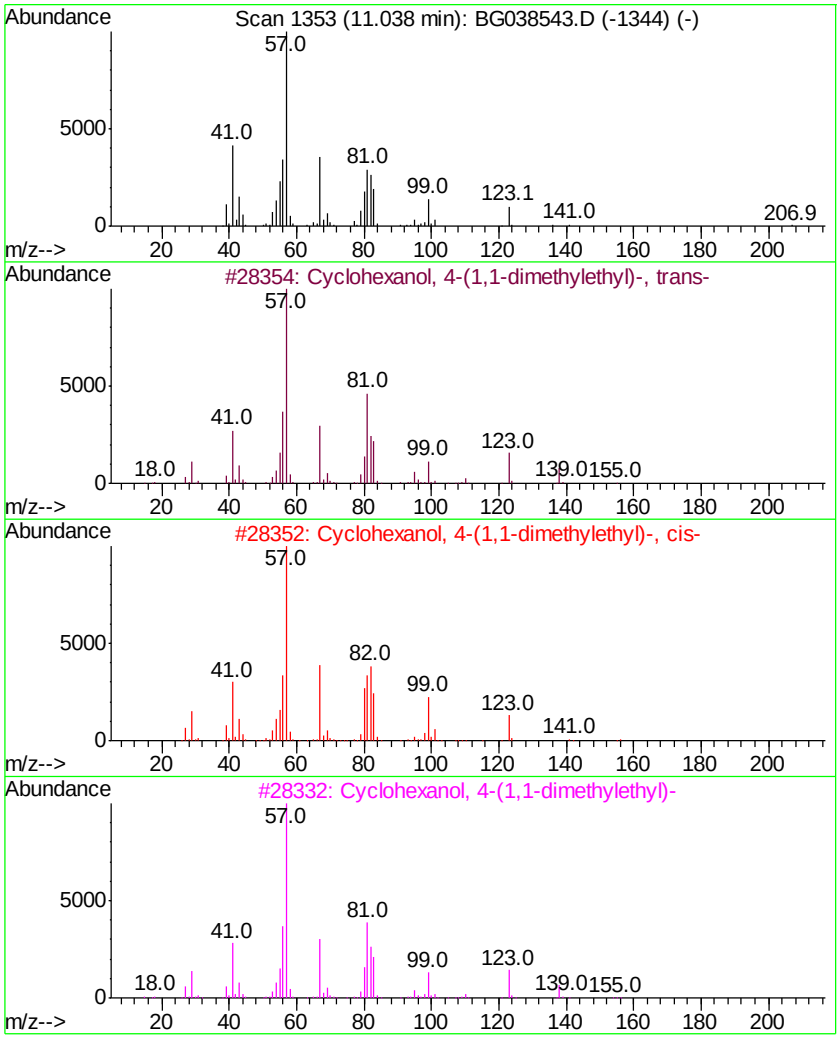
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

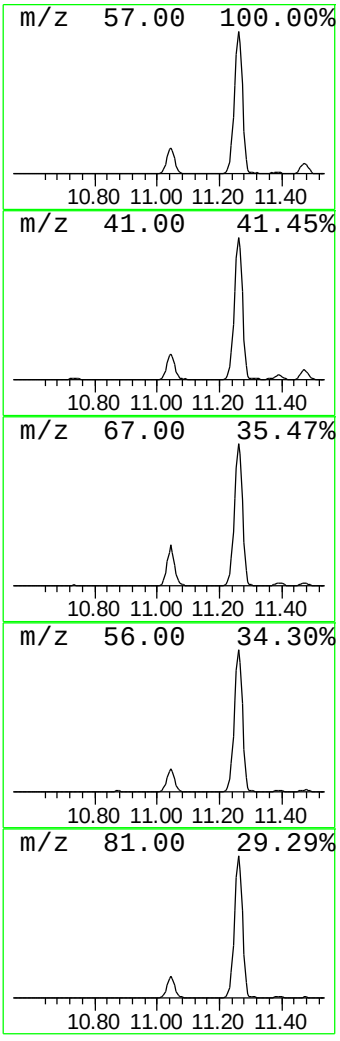
****

Peak Number 6 Cyclohexanol, 4-(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	51.18 ng	520032	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 4-(1,1-dimethyleth...	156	C10H20O	021862-63-5	72
2	Cyclohexanol, 4-(1,1-dimethyleth...	156	C10H20O	000937-05-3	64
3	Cyclohexanol, 4-(1,1-dimethyleth...	156	C10H20O	000098-52-2	59
4	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	53
5	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

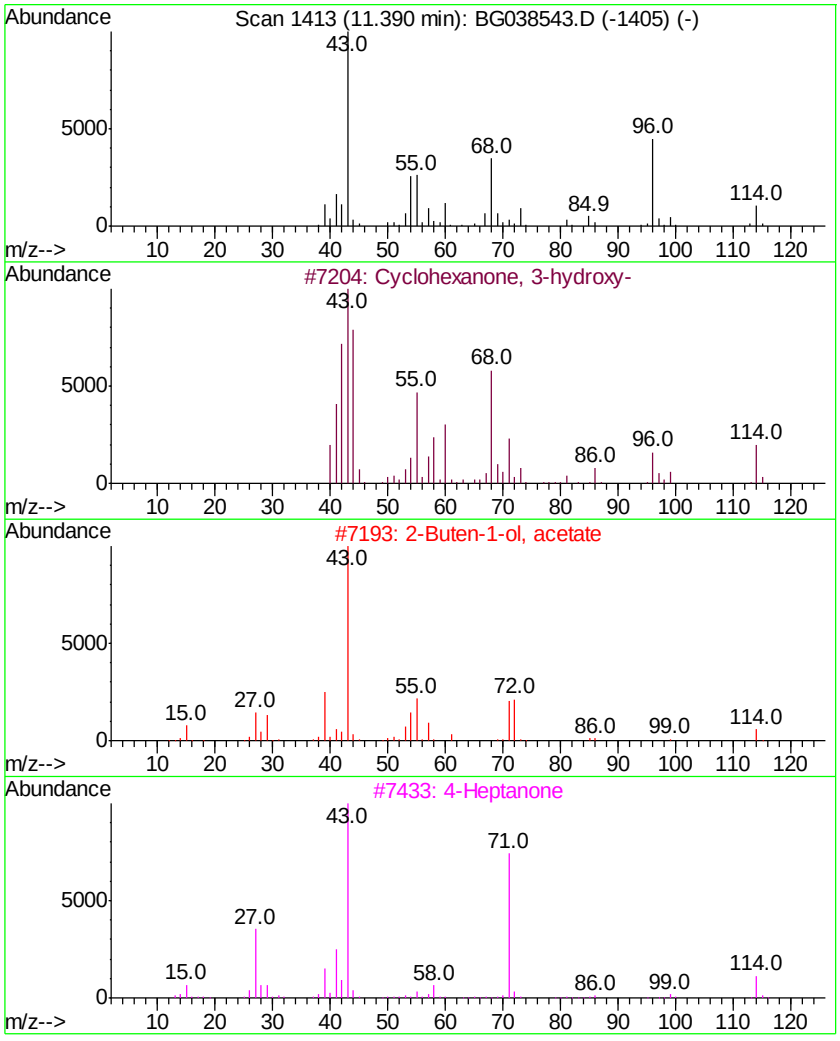
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

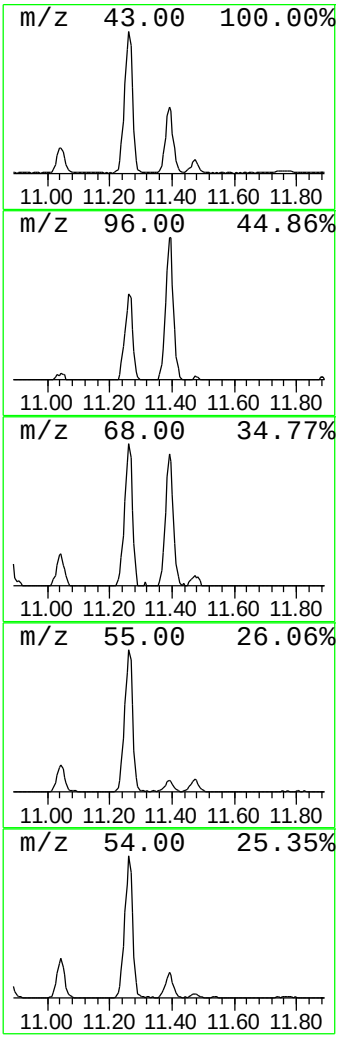
****

Peak Number 8 Cyclohexanone, 3-hydroxy- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	15.86 ng	161179	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 3-hydroxy-	114	C6H10O2	000823-19-8	17
2	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	14
3	4-Heptanone	114	C7H14O	000123-19-3	10
4	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	10
5	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

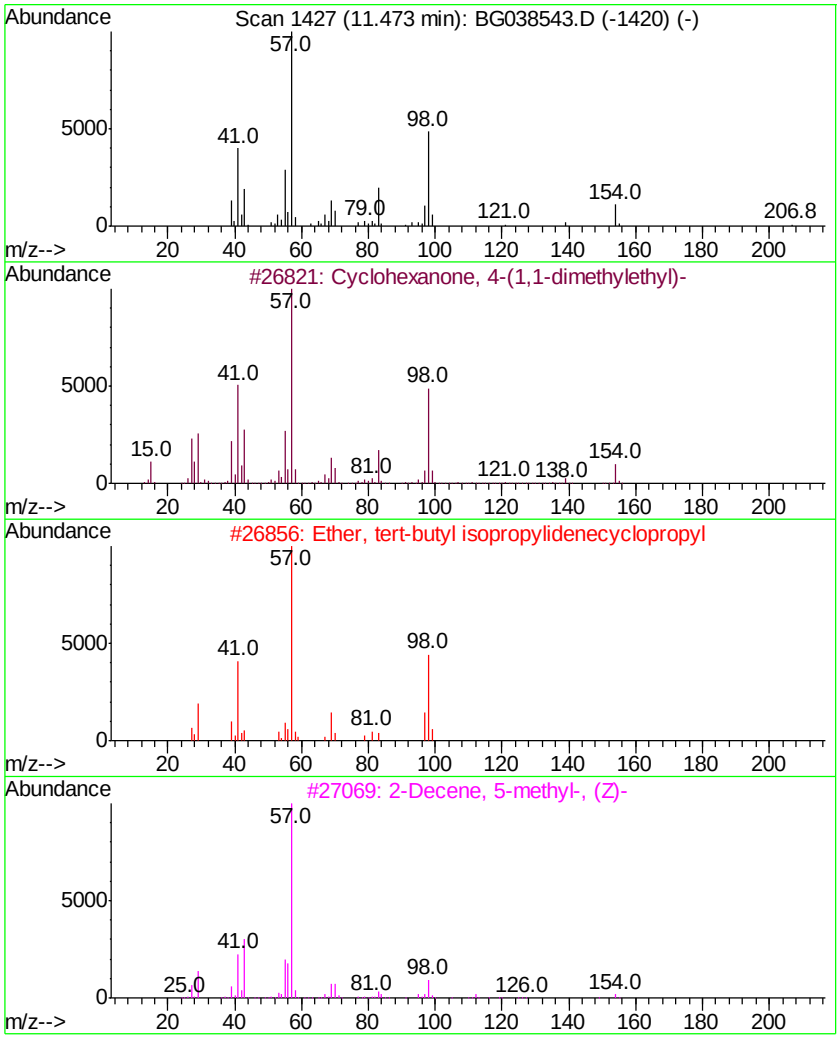
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

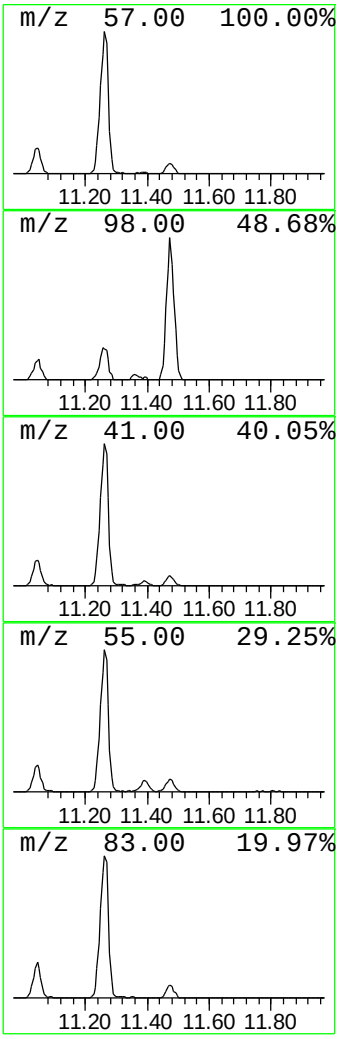
****

Peak Number 9 Cyclohexanone, 4-(1,1-dimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	15.25 ng	154977	Naphthalene-d8	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 4-(1,1-dimethylet...	154	C10H18O	000098-53-3	91
2	Ether, tert-butyl isopropylidene...	154	C10H18O	024524-56-9	40
3	2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	36
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	28
5	2,2-Dimethyl-3-pentanol, chlorod...	228	C9H15ClF2O2	1000376-26-4	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

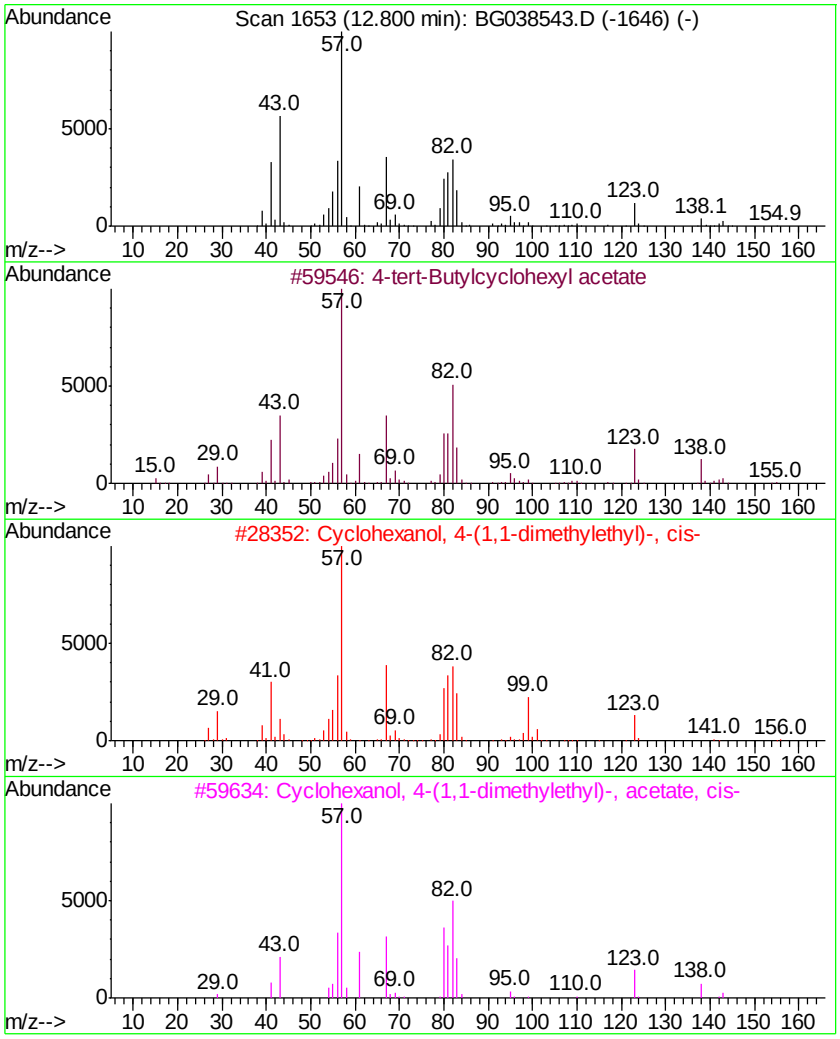
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

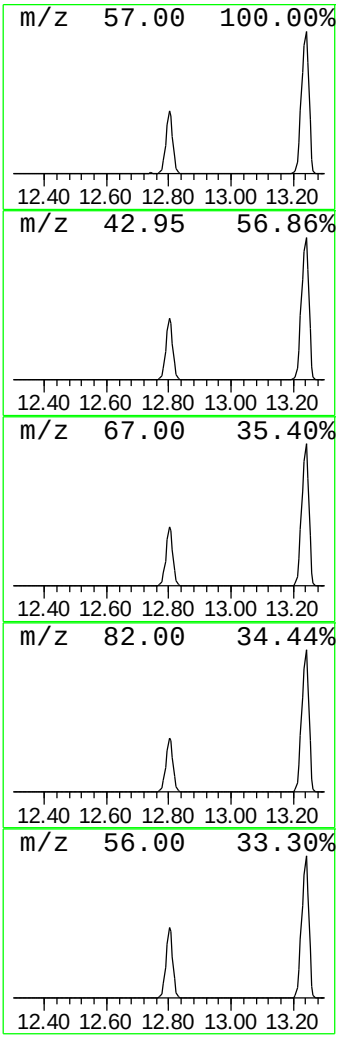
****

Peak Number 10 4-tert-Butylcyclohexyl acetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	126.21 ng	2202510	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-tert-Butylcyclohexyl acetate	198	C12H22O2	032210-23-4	64
2	Cyclohexanol, 4-(1,1-dimethyleth...	156	C10H20O	000937-05-3	64
3	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	010411-92-4	53
4	Cyclohexanol, 4-(1,1-dimethyleth...	156	C10H20O	021862-63-5	53
5	Cyclohexanol, 4-(1,1-dimethyleth...	198	C12H22O2	001900-69-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

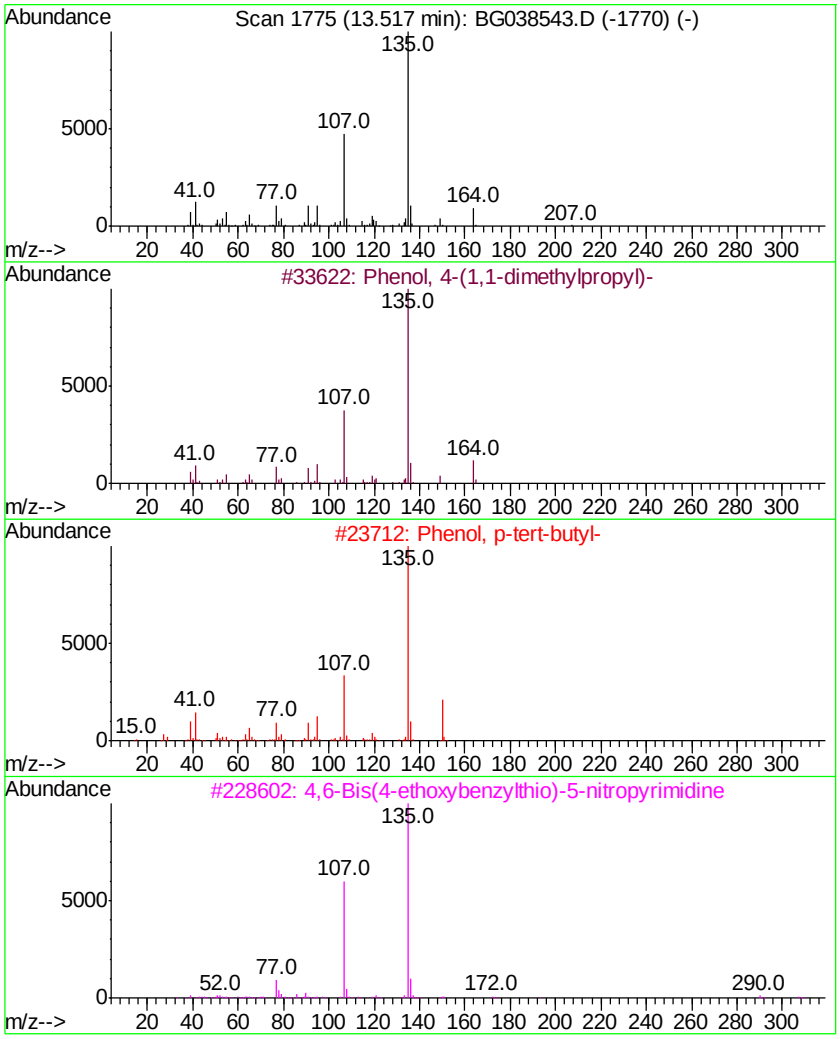
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

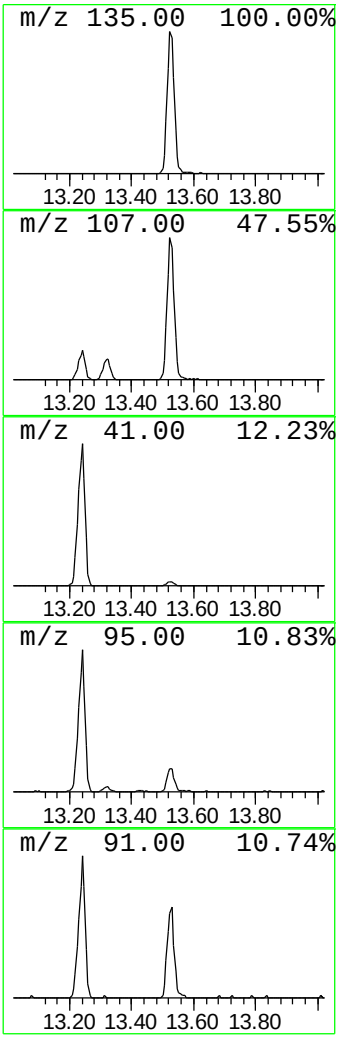
****

Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	17.28 ng	301626	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	64
3	4,6-Bis(4-ethoxybenzylthio)-5-ni...	457	C22H23N3O4S2	325957-76-4	59
4	Propane, 1,3-bis(ethylthio)-	164	C7H16S2	033672-52-5	58
5	1-Ethyl-1(1-cyclobutylidenethyl)...	164	C12H20	1000215-13-7	53





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Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

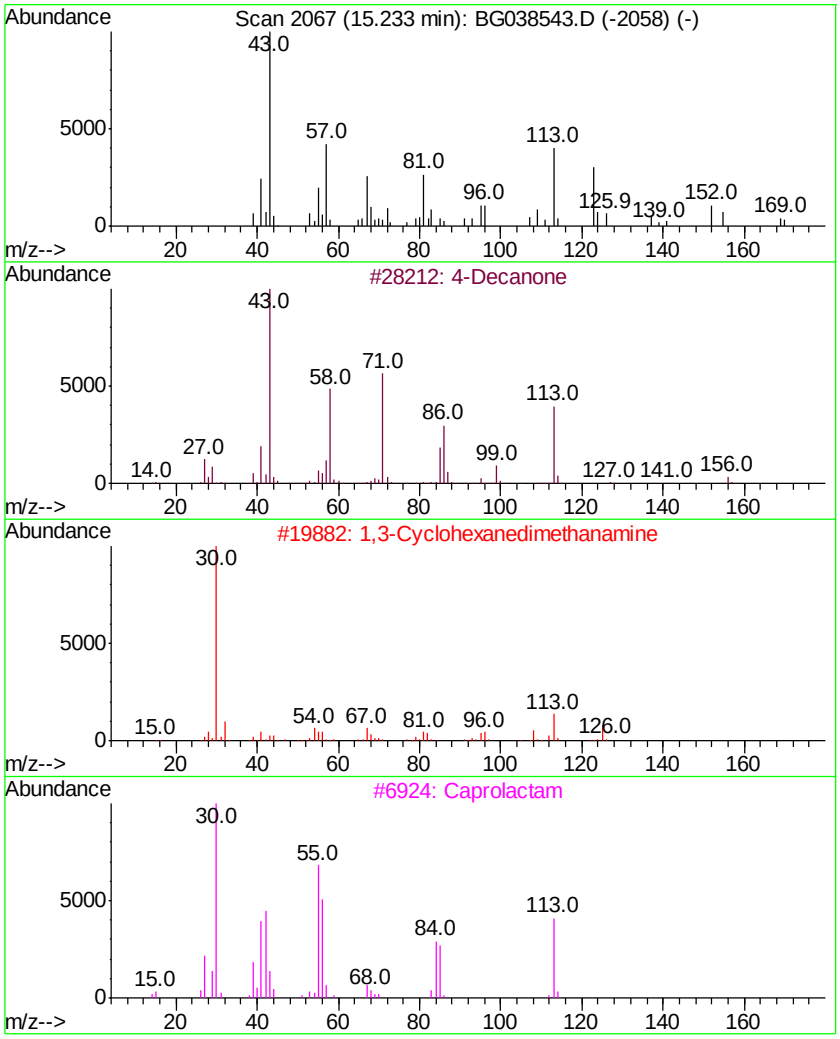
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

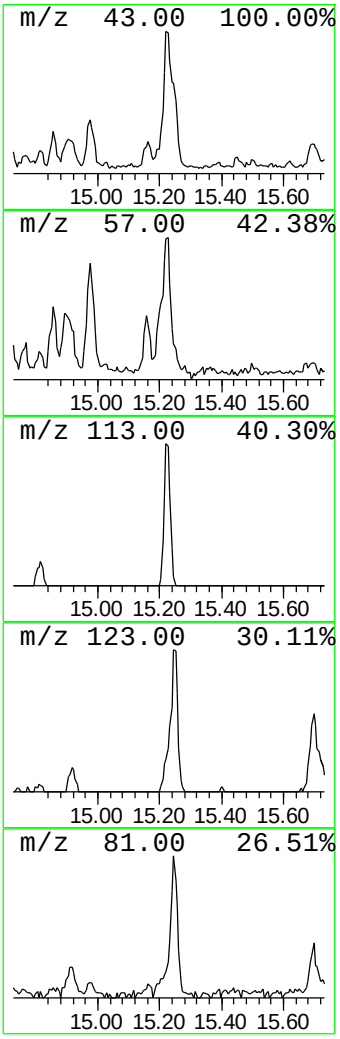
****

Peak Number 13 unknown15.23 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	5.10 ng	89065	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Decanone	156	C10H20O	000624-16-8	35
2	1,3-Cyclohexanedimethanamine	142	C8H18N2	002579-20-6	28
3	Caprolactam	113	C6H11NO	000105-60-2	27
4	Acetic acid, 3-acetoxy-1-ethyl-2...	261	C11H19NO6	114454-68-1	23
5	Cyclohexanemethylamine	113	C7H15N	003218-02-8	12





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Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

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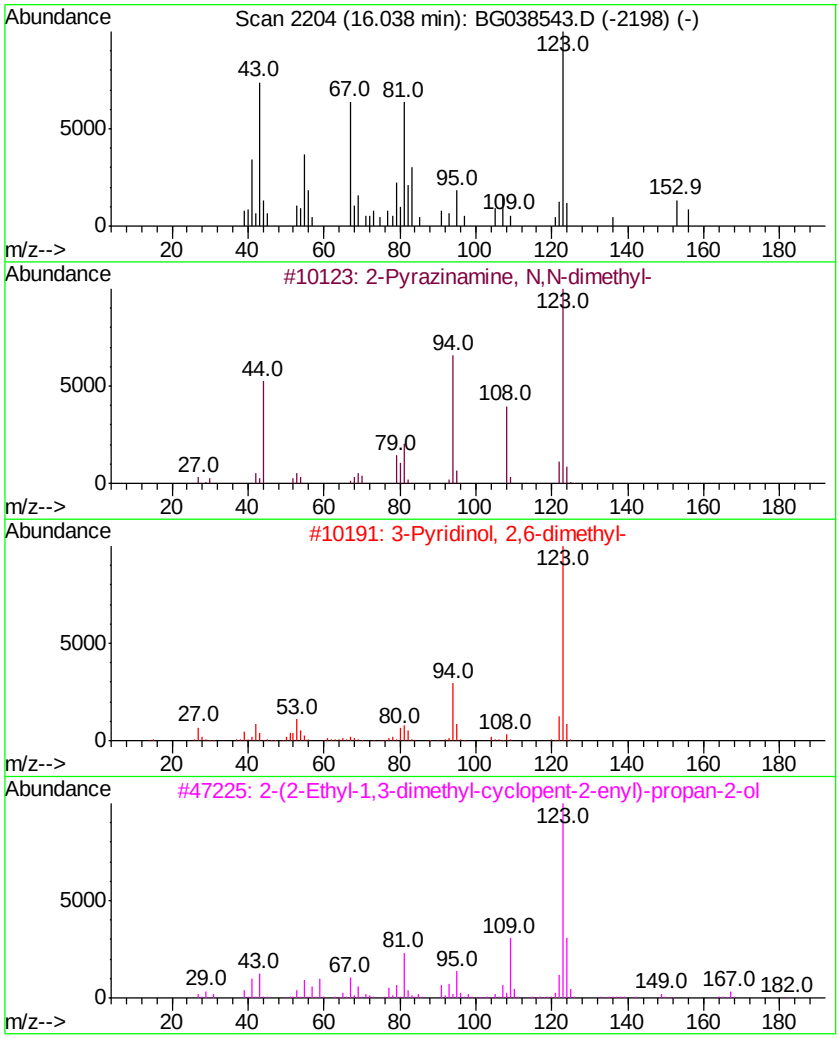
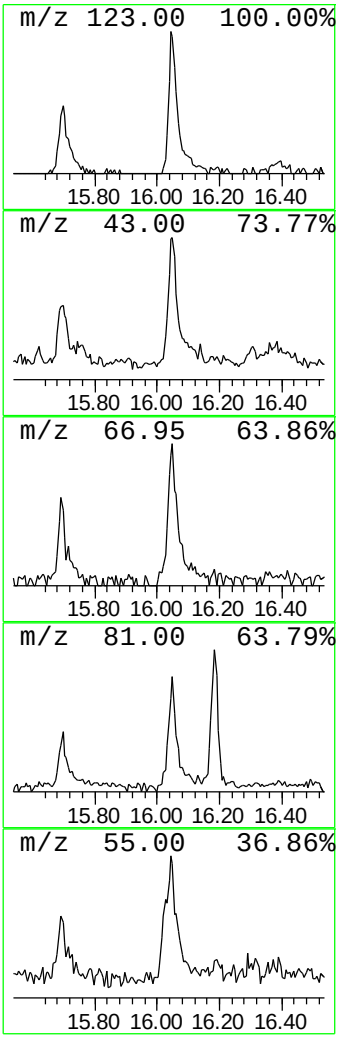
****

Peak Number 14 2-Pyrazinamine, N,N-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	5.33 ng	92979	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrazinamine, N,N-dimethyl-	123	C6H9N3	005214-29-9	58
2	3-Pyridinol, 2,6-dimethyl-	123	C7H9NO	001122-43-6	52
3	2-(2-Ethyl-1,3-dimethyl-cyclopen...	182	C12H22O	1000186-82-4	50
4	3-Heptyne, 5,5-diethyl-	152	C11H20	061228-06-6	50
5	1H-Pyrrole, 1-butyl-	123	C8H13N	000589-33-3	47





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Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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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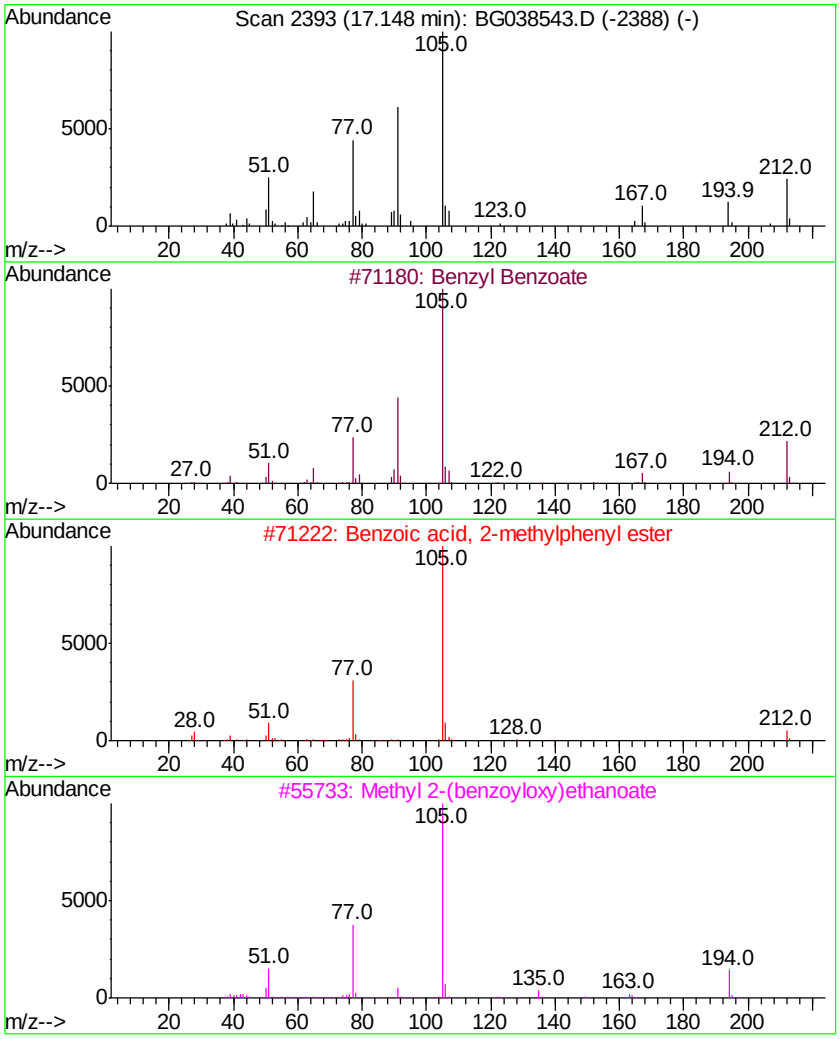
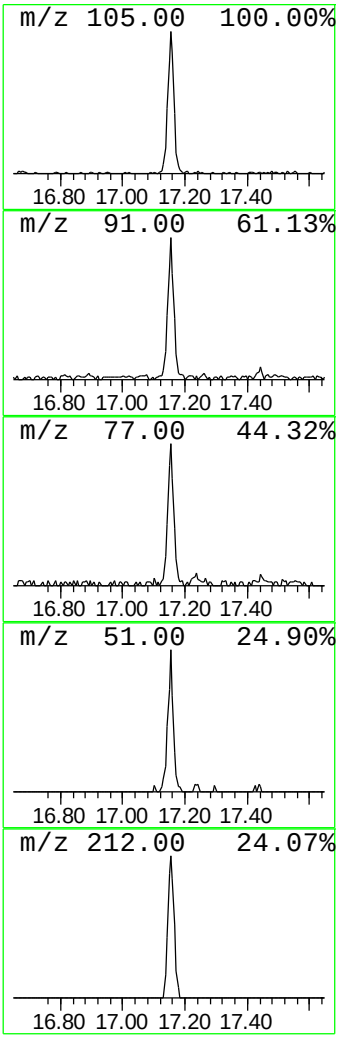
Peak Number 15 Benzyl Benzoate Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	4.51 ng	85194	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzyl Benzoate	212	C14H12O2	000120-51-4	94
2	Benzoic acid, 2-methylphenyl ester	212	C14H12O2	000617-02-7	64
3	Methyl 2-(benzoyloxy)ethanoate	194	C10H10O4	1000326-74-4	52
4	Phenyl 2-(2'-furanyl)cyclopropyl...	212	C14H12O2	1000140-13-9	52
5	Benzoic acid, 2-phenylhydrazide	212	C13H12N2O	000532-96-7	52





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Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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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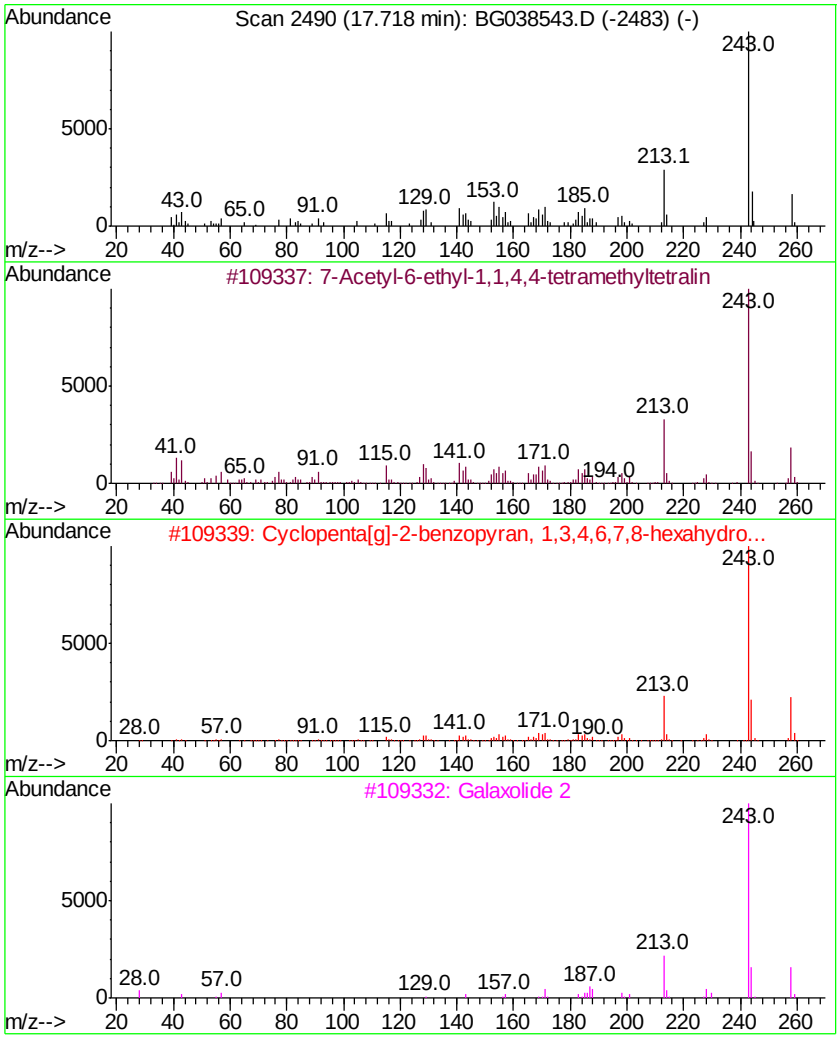
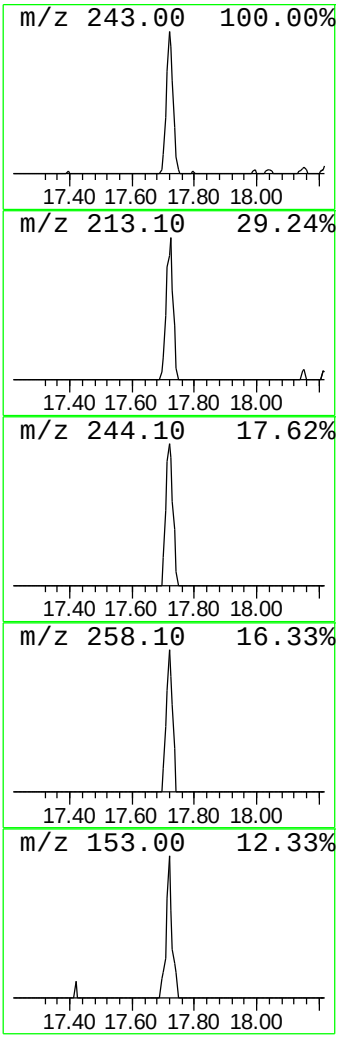
Peak Number 16 7-Acetyl-6-ethyl-1,1,4,4-te... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.72	4.11 ng	77530	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Acetyl-6-ethyl-1,1,4,4-tetrame...	258	C18H26O	000088-29-9	98
2	Cyclopenta[g]-2-benzopyran, 1,3,...	258	C18H26O	001222-05-5	96
3	Galaxolide 2	258	C18H26O	1000285-26-7	94
4	Galaxolide 1	258	C18H26O	1000285-26-6	91
5	8H-Pyrano[2,3-e]benzothiophen-8-...	243	C13H9NO4	1000266-82-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

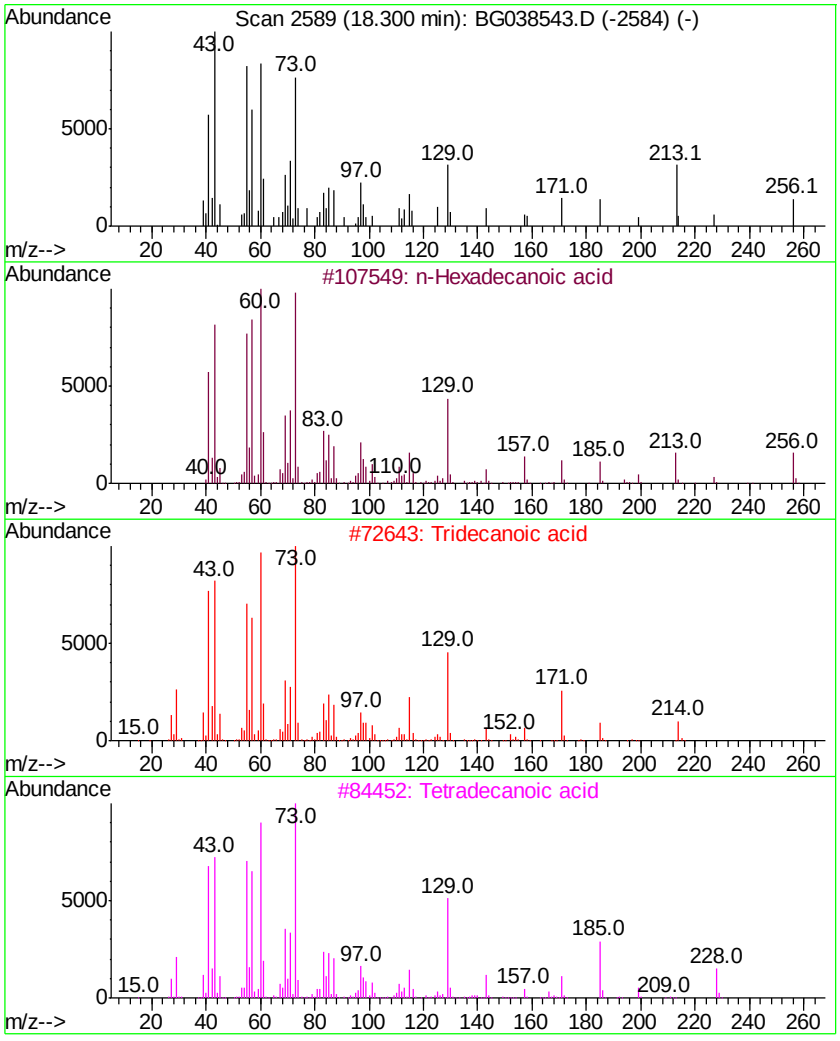
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

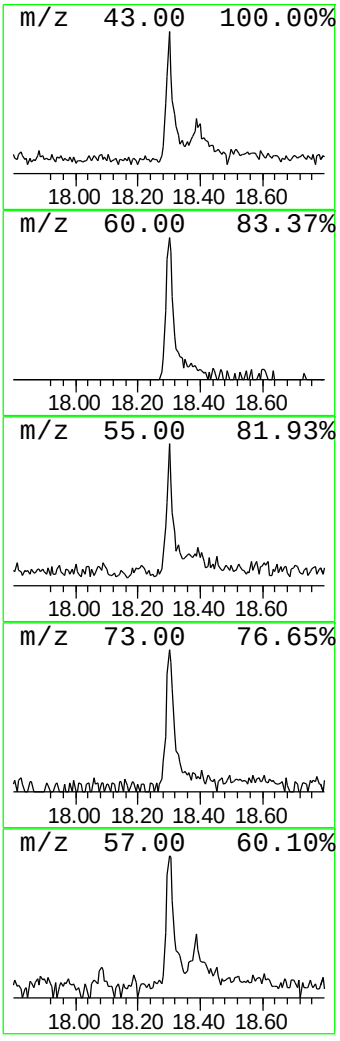
****

Peak Number 17 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.71 ng	70043	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	70
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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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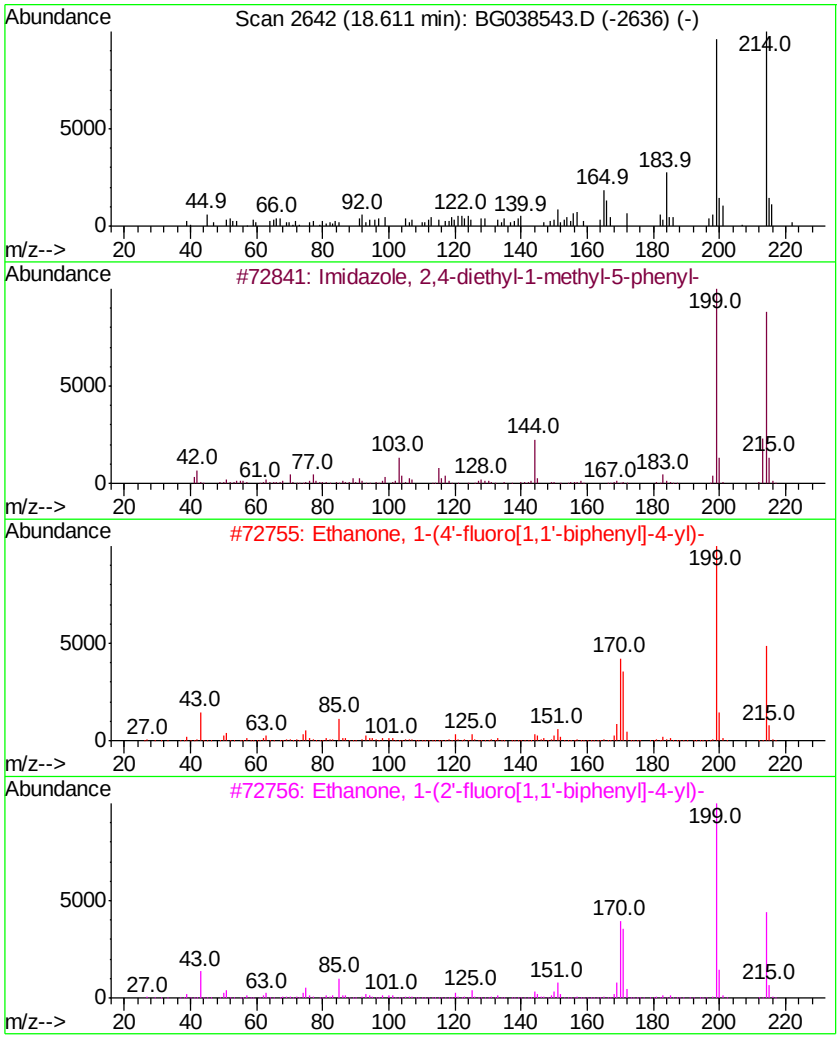
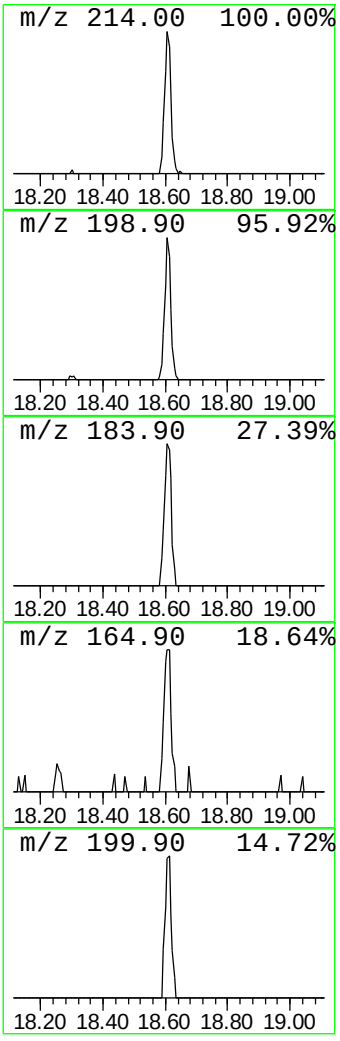
Peak Number 18 Imidazole, 2,4-diethyl-1-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.61	4.20 ng	79168	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazole, 2,4-diethyl-1-methyl-...	214	C14H18N2	062576-17-4	64
2	Ethanone, 1-(4'-fluoro[1,1'-biph...	214	C14H11FO	000720-74-1	59
3	Ethanone, 1-(2'-fluoro[1,1'-biph...	214	C14H11FO	000345-55-1	59
4	1,4-Benzenediamine, N-(4-methoxy...	214	C13H14N2O	000101-64-4	59
5	Silane, (iodomethyl)trimethyl-	214	C4H11ISi	004206-67-1	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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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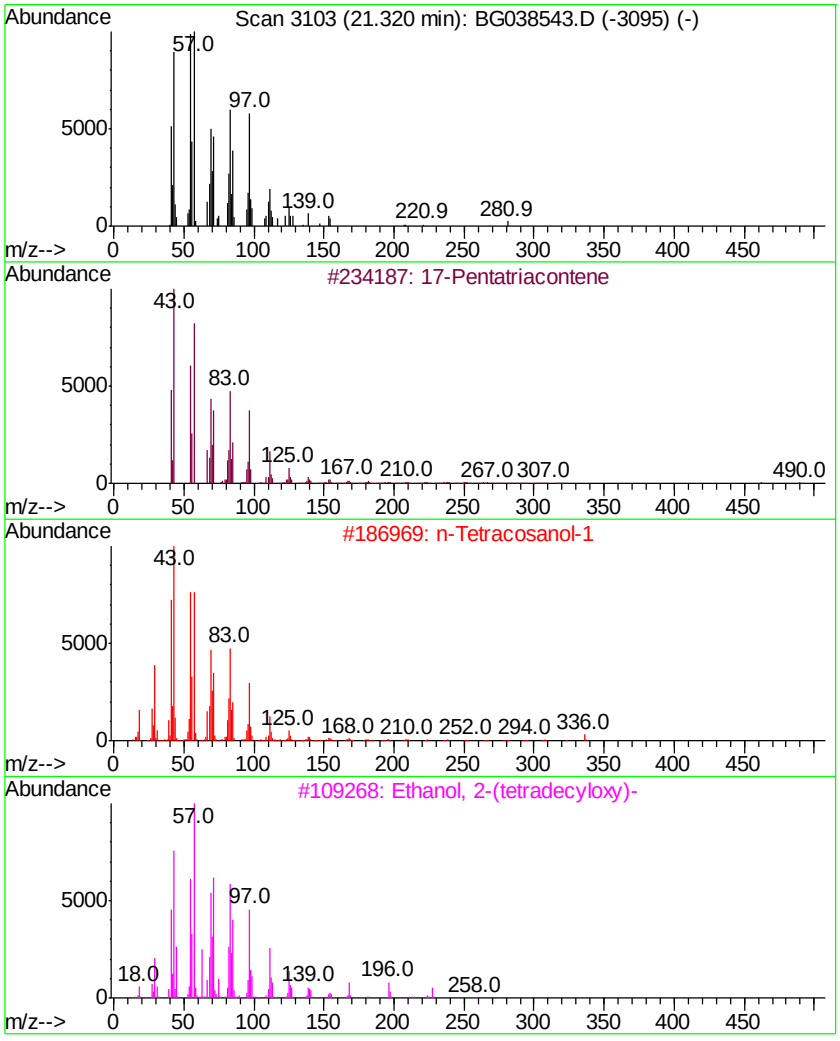
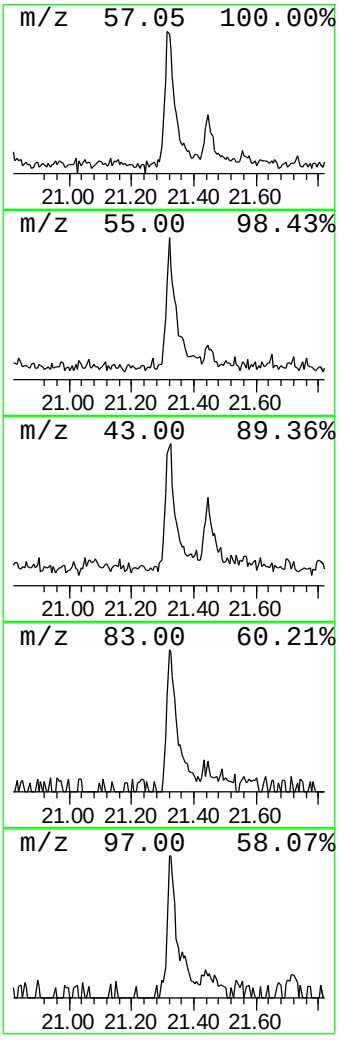
Peak Number 19 17-Pentatriacontene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.64 ng	77603	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	76
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	74
4	1-Heptacosanol	396	C27H56O	002004-39-9	74
5	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	68





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Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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

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

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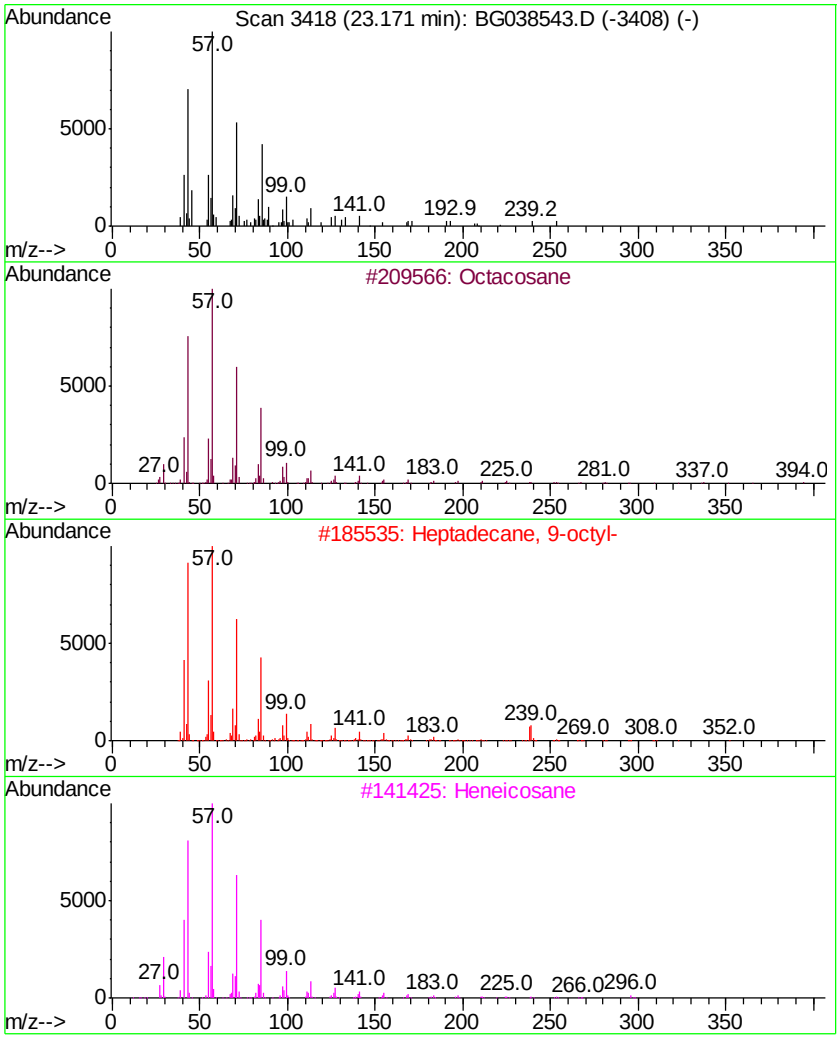
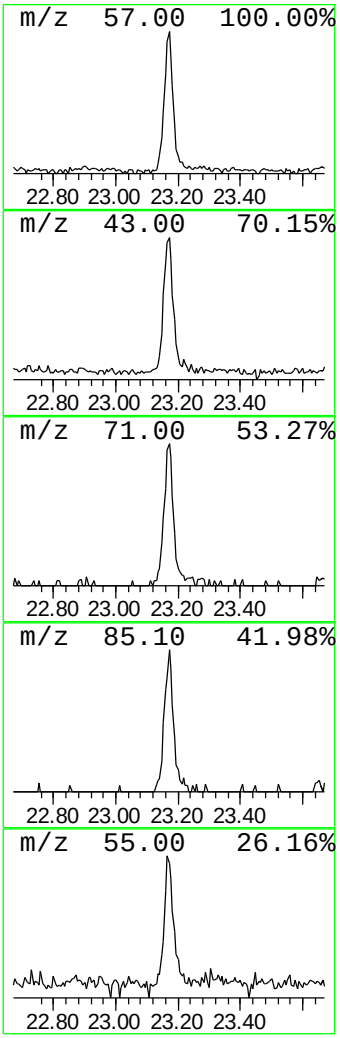
Peak Number 20 Octacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.84 ng	103167	Chrysene-d12	21.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Heneicosane	296	C21H44	000629-94-7	83
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121318\
Data File : BG038543.D
Acq On : 13 Dec 2018 22:01
Operator : JU/SJ
Sample : J6356-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GROUND-WATER

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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
2-Hexanone, 5-met...	5.87	16.0	ng	114792	1	8.06	143211	20.0
unknown7.58	7.58	108.7	ng	778234	1	8.06	143211	20.0
Benzene, 1,2,3-tr...	7.69	11.2	ng	80098	1	8.06	143211	20.0
Acetic acid, 2-et...	9.96	14.3	ng	145530	2	10.88	203231	20.0
Cyclohexanol, 4-(...	11.04	51.2	ng	520032	2	10.88	203231	20.0
Cyclohexanone, 3-...	11.39	15.9	ng	161179	2	10.88	203231	20.0
Cyclohexanone, 4-...	11.47	15.3	ng	154977	2	10.88	203231	20.0
4-tert-Butylcyclo...	12.80	126.2	ng	2202510	3	14.69	349037	20.0
Phenol, 4-(1,1-di...	13.52	17.3	ng	301626	3	14.69	349037	20.0
unknown15.23	15.23	5.1	ng	89065	3	14.69	349037	20.0
2-Pyrazinamine, N...	16.04	5.3	ng	92979	3	14.69	349037	20.0
Benzyl Benzoate	17.15	4.5	ng	85194	4	17.44	377409	20.0
7-Acetyl-6-ethyl-...	17.72	4.1	ng	77530	4	17.44	377409	20.0
n-Hexadecanoic acid	18.30	3.7	ng	70043	4	17.44	377409	20.0
Imidazole, 2,4-di...	18.61	4.2	ng	79168	4	17.44	377409	20.0
17-Pentatriacontene	21.32	3.6	ng	77603	5	21.72	426333	20.0
Octacosane	23.17	4.8	ng	103167	5	21.72	426333	20.0