LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101719\
Data File : BG043268.D
Acq On : 17 Oct 2019 19:00
Operator : JU
Sample : K5407-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DEVELOPMENT-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-BG092519.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	3.132	3	7	15	rBV	159931	284827	7.52%	1.319%
2	3.209	15	20	34	rVB	785755	1167393	30.81%	5.407%
3	3.444	54	60	67	rBV2	44797	71045	1.88%	0.329%
4	3.508	67	71	77	rVB	26761	41638	1.10%	0.193%
5	5.617	422	430	444	rBV	492305	867125	22.89%	4.016%
6	7.210	692	701	718	rBV	356808	719478	18.99%	3.332%
7	7.574	756	763	777	rBV	778956	1454025	38.38%	6.734%
8	8.038	833	842	850	rBV	200903	349362	9.22%	1.618%
9	8.361	889	897	909	rBV	566236	1044520	27.57%	4.838%
10	9.201	1030	1040	1052	rBV	443347	889173	23.47%	4.118%
11	10.847	1312	1320	1328	rBV	244798	479415	12.65%	2.220%
12	13.291	1728	1736	1749	rBV	1384968	2288956	60.42%	10.602%
13	14.113	1870	1876	1883	rBV	112158	167211	4.41%	0.774%
14	14.196	1886	1890	1899	rVB2	35648	47948	1.27%	0.222%
15	14.666	1964	1970	1986	rVB	446800	745366	19.67%	3.452%
16	16.152	2216	2223	2244	rBV	1271894	2152470	56.81%	9.969%
17	17.410	2431	2437	2447	rBV2	519138	873236	23.05%	4.044%
18	18.303	2584	2589	2600	rBV	227929	363125	9.58%	1.682%
19	19.078	2716	2721	2730	rVB4	25661	45967	1.21%	0.213%
20	19.572	2801	2805	2811	rBV2	68585	100650	2.66%	0.466%
21	20.024	2875	2882	2891	rBV	2702394	3788573	100.00%	17.547%
22	21.323	3099	3103	3113	rBV3	188483	345680	9.12%	1.601%
23	21.399	3114	3116	3124	rVB	51936	75659	2.00%	0.350%
24	21.681	3158	3164	3176	rBV2	576789	1044194	27.56%	4.836%
25	21.875	3193	3197	3202	rVB	70057	106036	2.80%	0.491%
26	22.480	3296	3300	3304	rBV2	81260	130598	3.45%	0.605%
27	23.173	3413	3418	3424	rVB2	106793	184615	4.87%	0.855%
28	23.972	3549	3554	3561	rVB2	105077	211994	5.60%	0.982%
29	24.907	3702	3713	3726	rBV4	432268	1351661	35.68%	6.260%
30	26.046	3901	3907	3917	rVB4	69435	198853	5.25%	0.921%

Sum of corrected areas: 21590793

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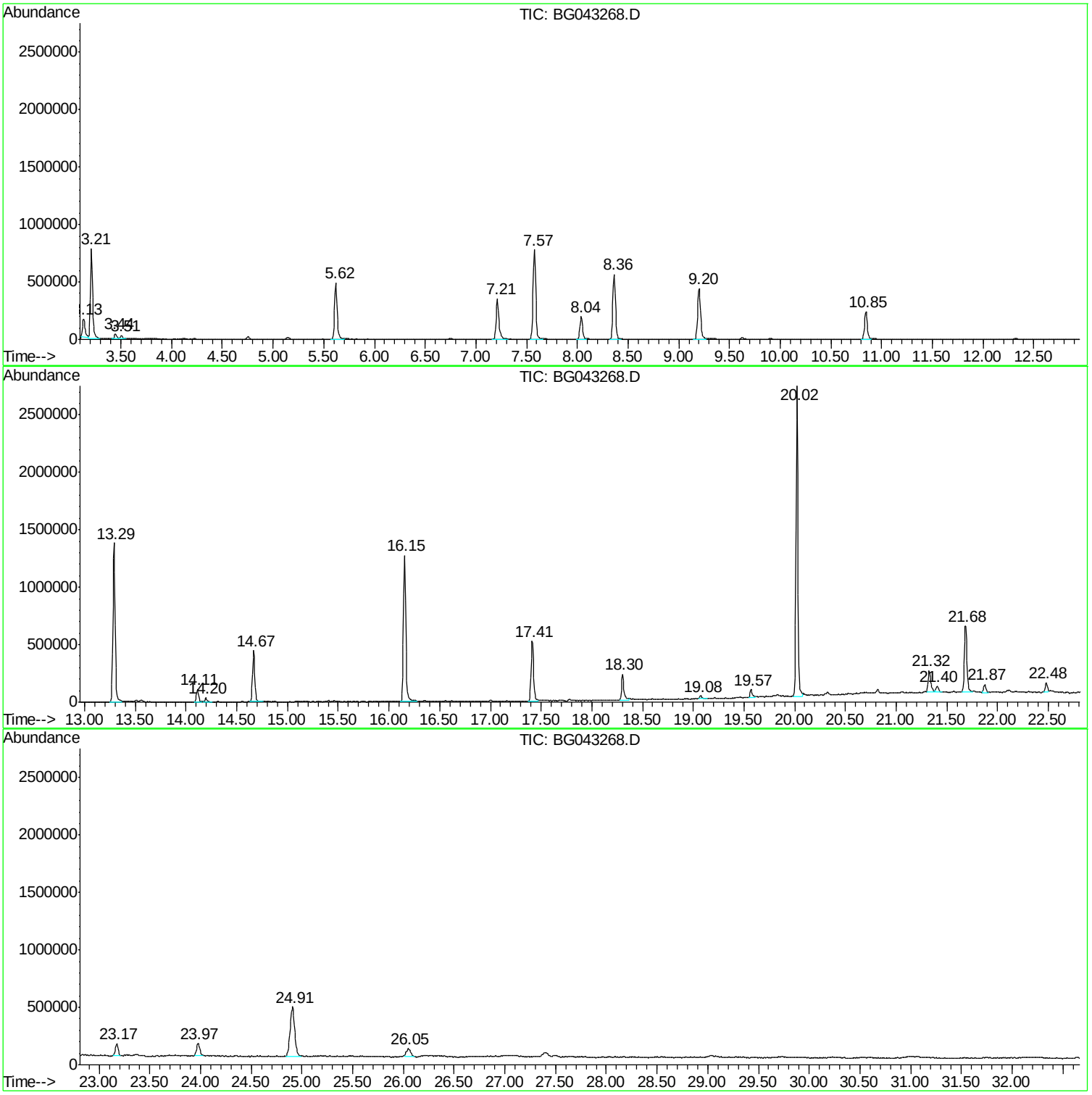
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DEVELOPMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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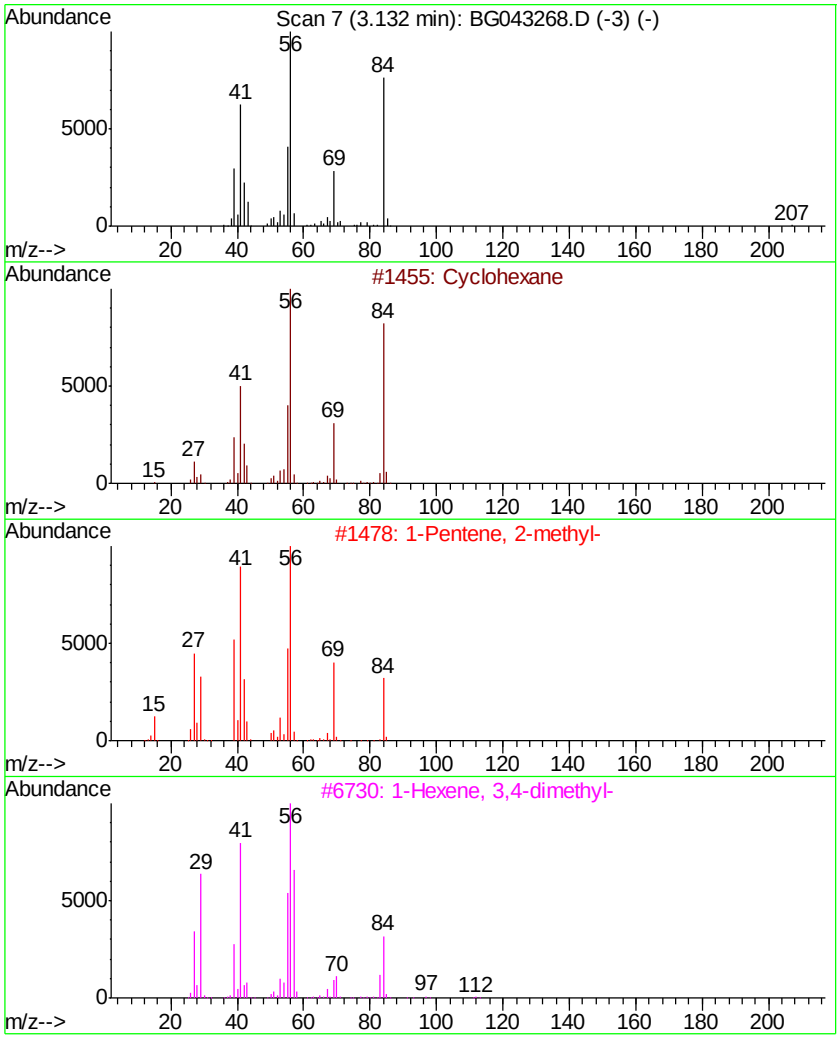
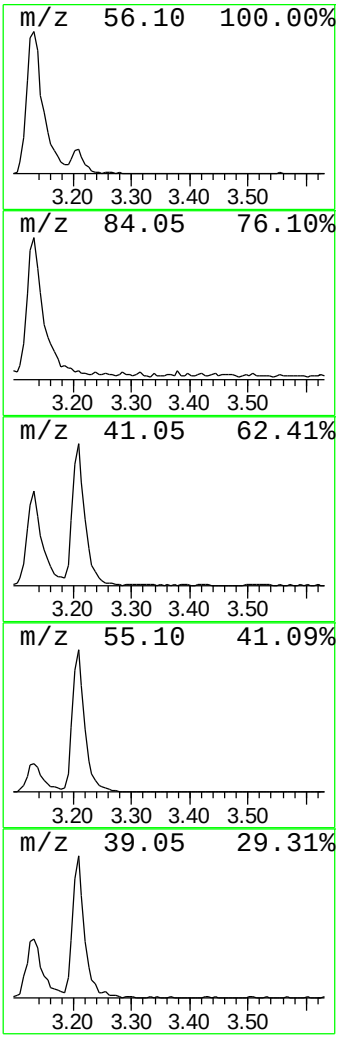
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	16.31 ng	284827	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	91
3	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	56
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	50
5	2-Amino-oxazole	84	C3H4N2O	004570-45-0	50





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Instrument : BNA_G
ClientSampleId : DEVELOPMENT-WATER

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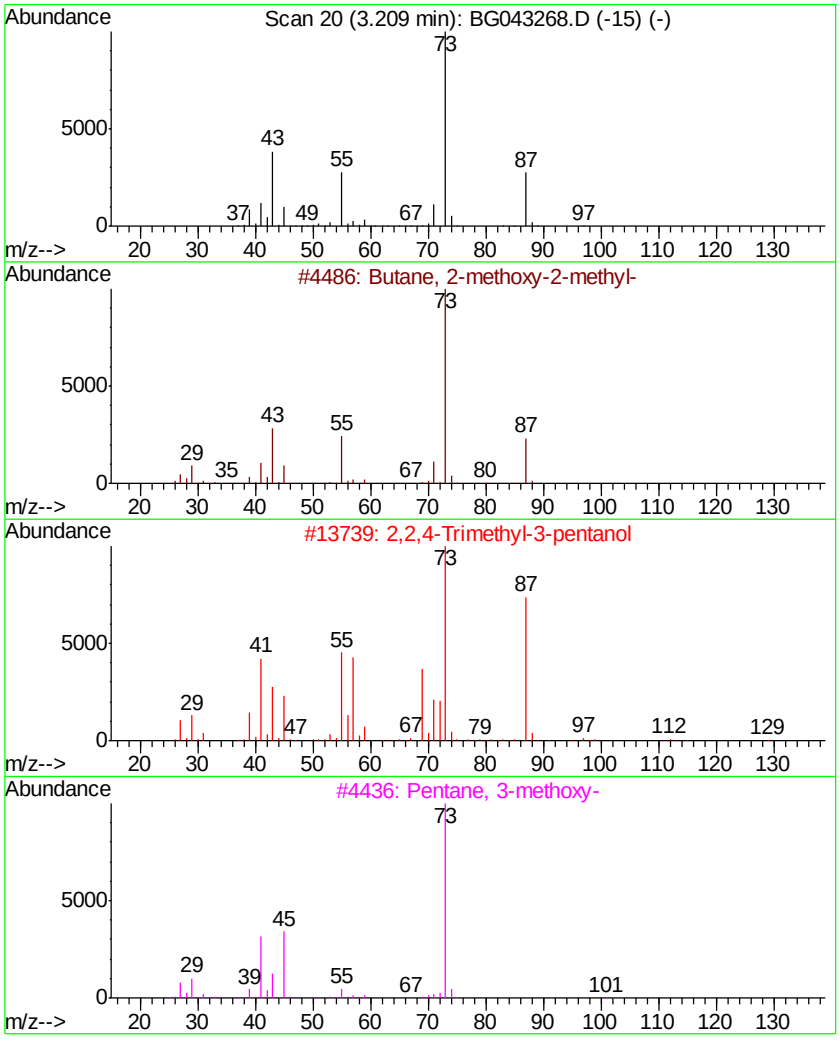
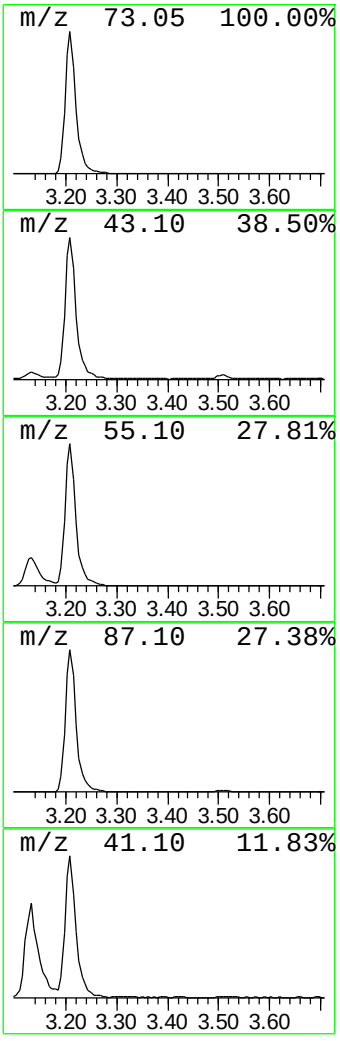
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	66.83 ng	1167390	1,4-Dichlorobenzene-d4	8.04

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	38
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-(2-Methoxyethoxy)-2-methyl-2-p...	162	C8H18O3	1000364-24-4	9





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Instrument : BNA_G
ClientSampleId : DEVELOPMENT-WATER

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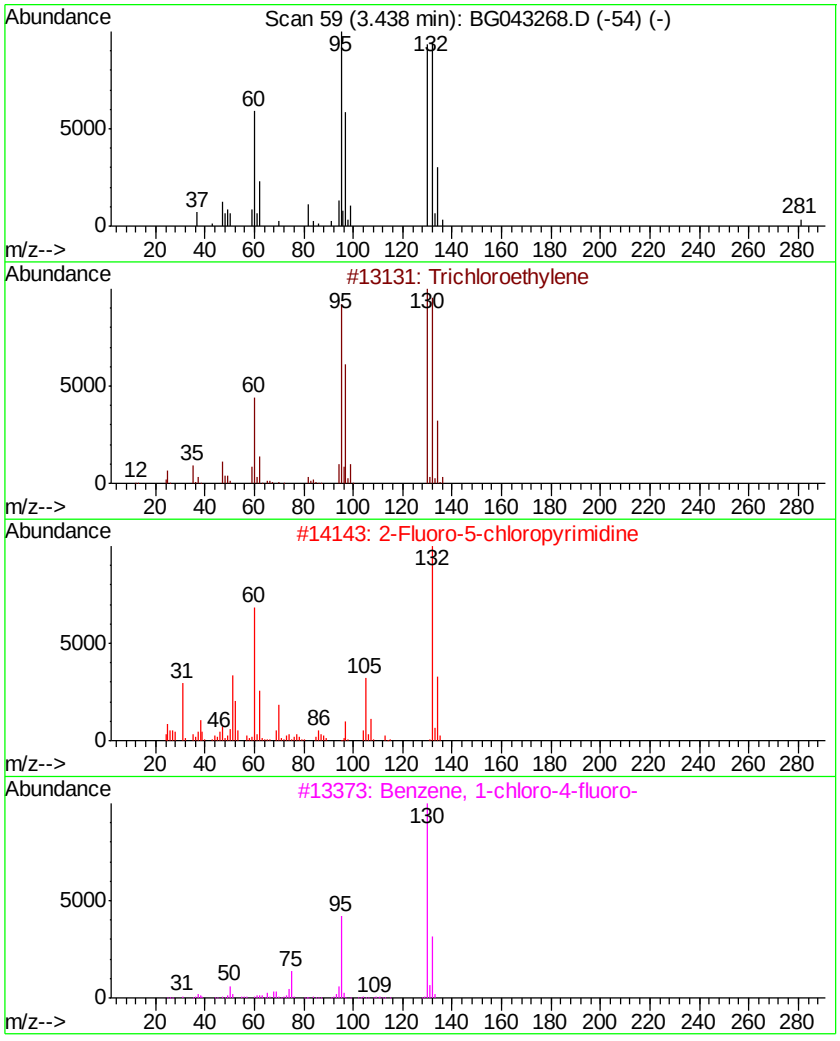
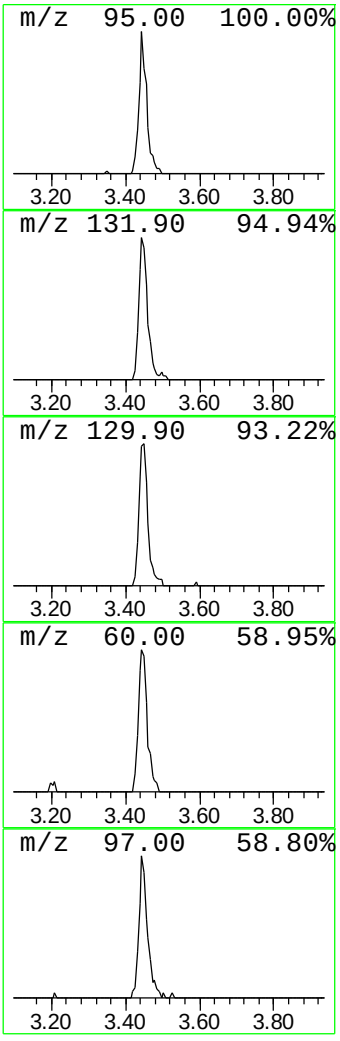
****

Peak Number 3 Trichloroethylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.44	4.07 ng	71045	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	98
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	38
3	Benzene, 1-chloro-4-fluoro-	130	C6H4ClF	000352-33-0	35
4	Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	27
5	Benzene, 1-chloro-3-fluoro-	130	C6H4ClF	000625-98-9	27





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Instrument : BNA_G
ClientSampleId : DEVELOPMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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TIC Library : C:\Database\NIST11.L
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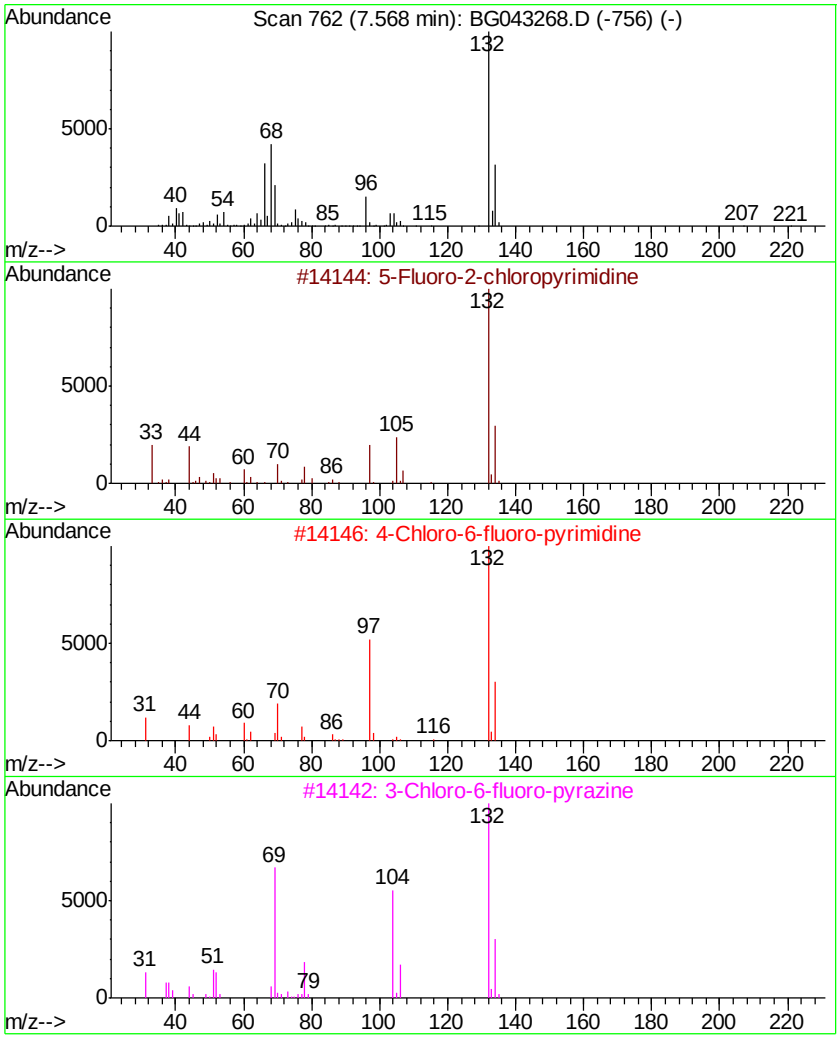
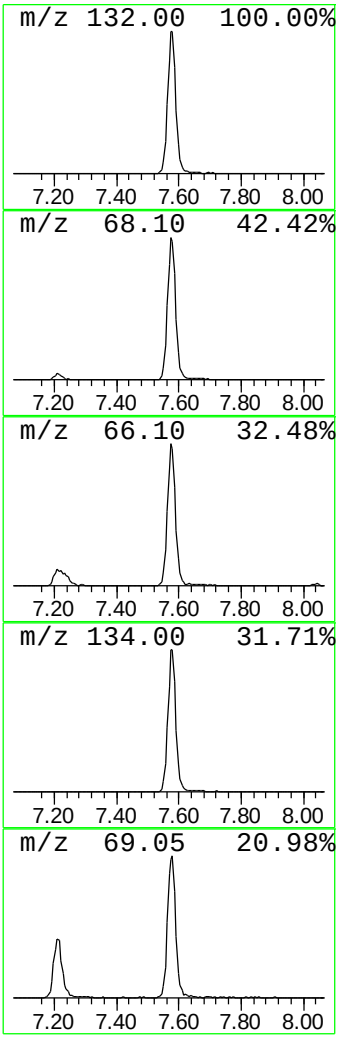
****

Peak Number 4 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	83.24 ng	1454030	1,4-Dichlorobenzene-d4	8.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





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ClientSampleId : DEVELOPMENT-WATER

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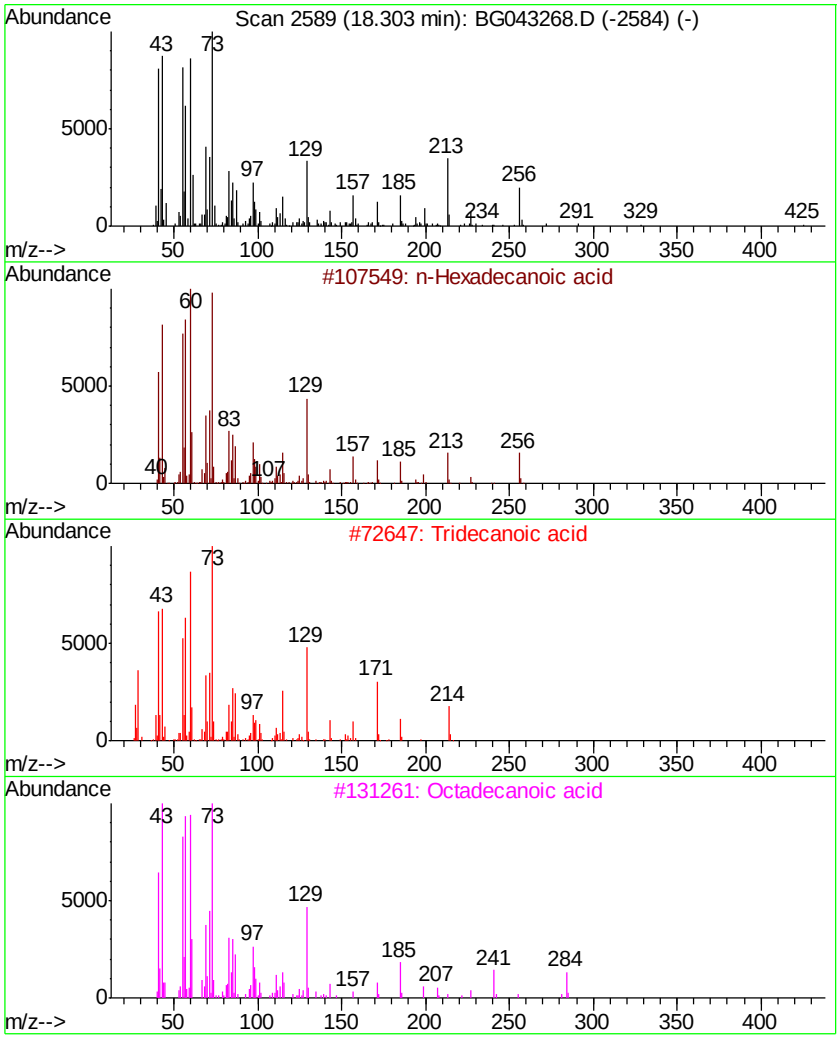
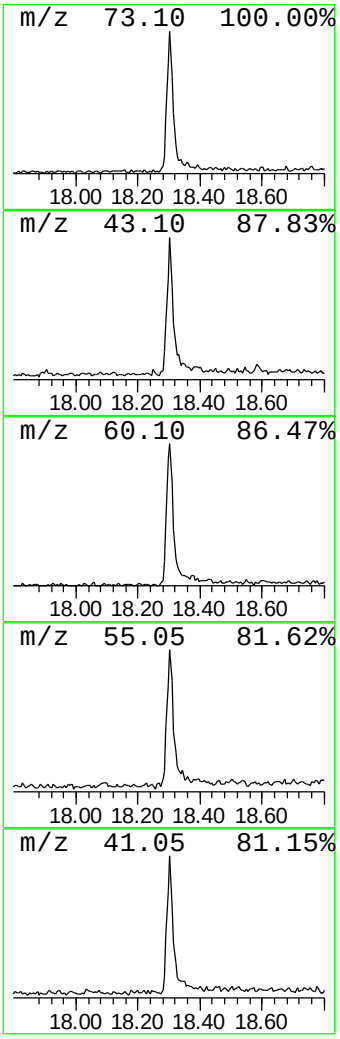
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	8.32 ng	363125	Phenanthrene-d10	17.41

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	Octadecanoic acid	284	C18H36O2	000057-11-4	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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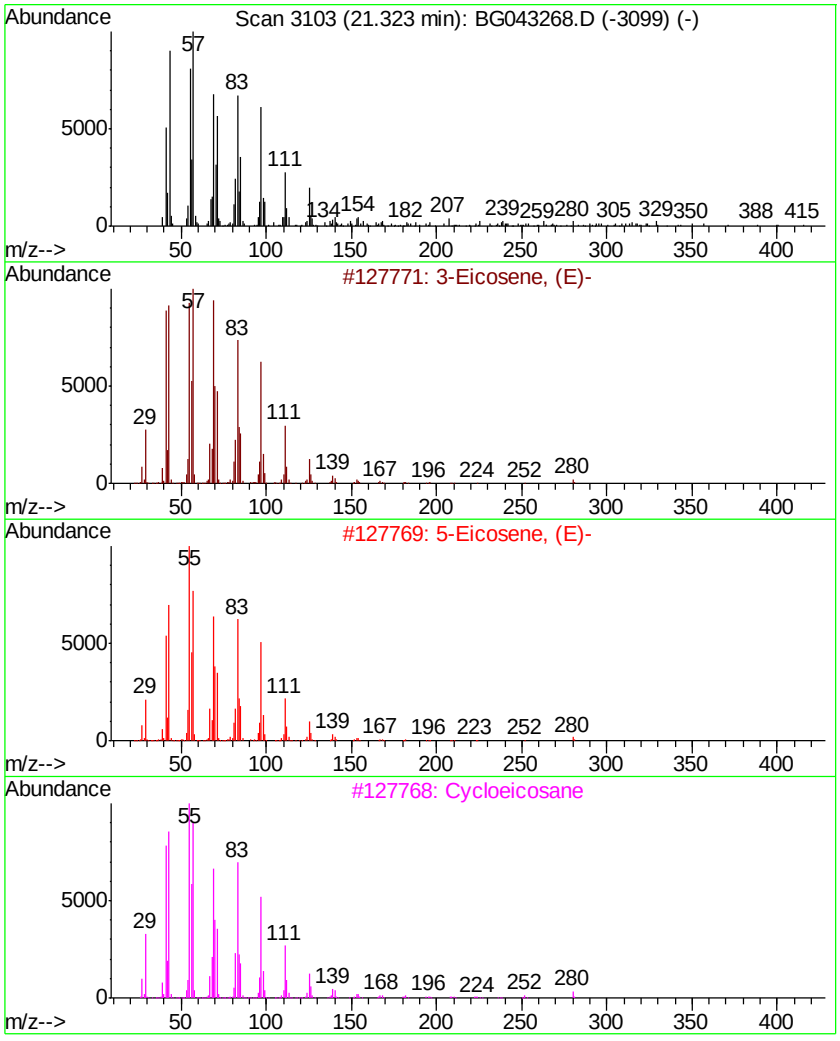
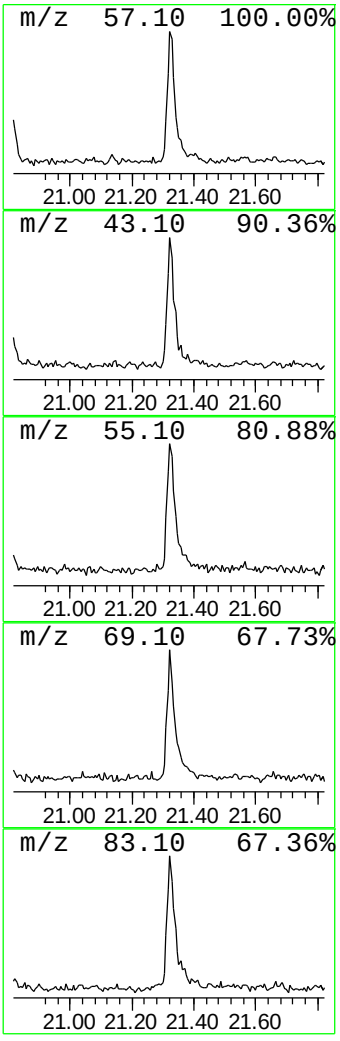
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	6.62 ng	345680	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
3	Cycloeicosane	280	C20H40	000296-56-0	92
4	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91





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TIC Library : C:\Database\NIST11.L
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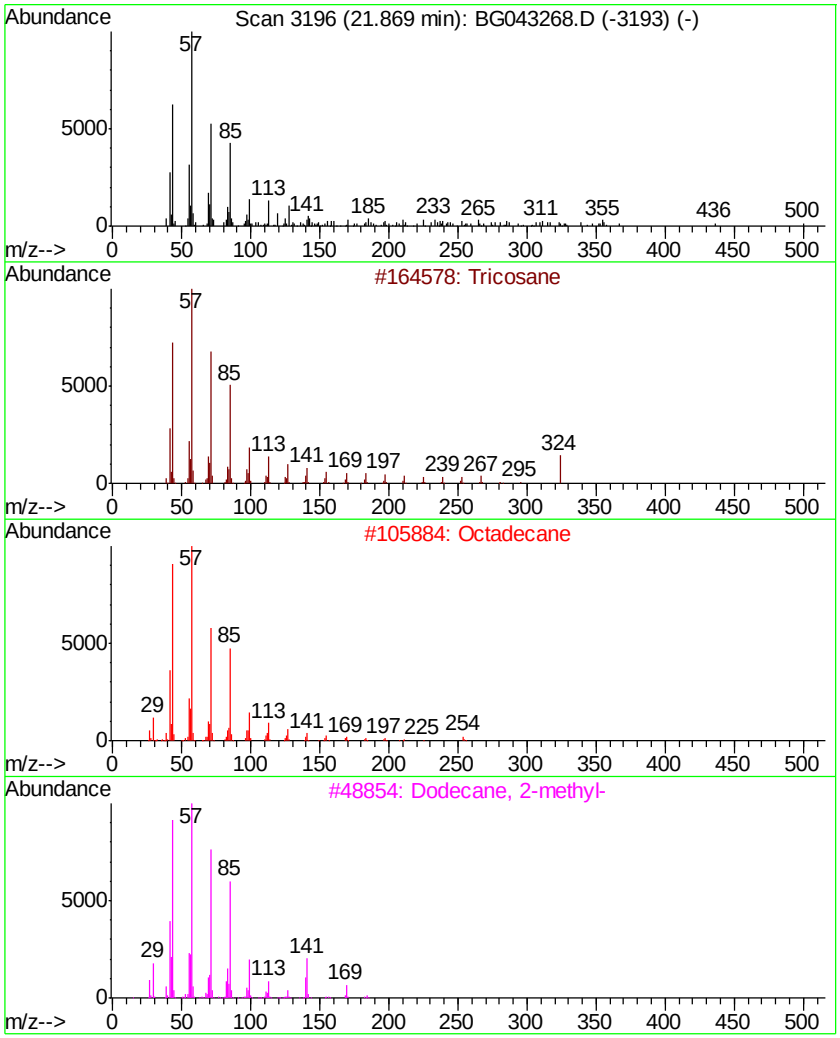
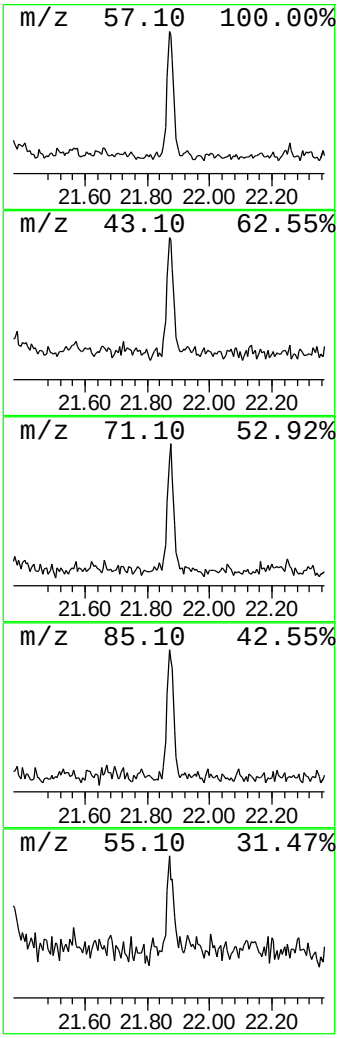
Peak Number 8 Tricosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.03 ng	106036	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	83





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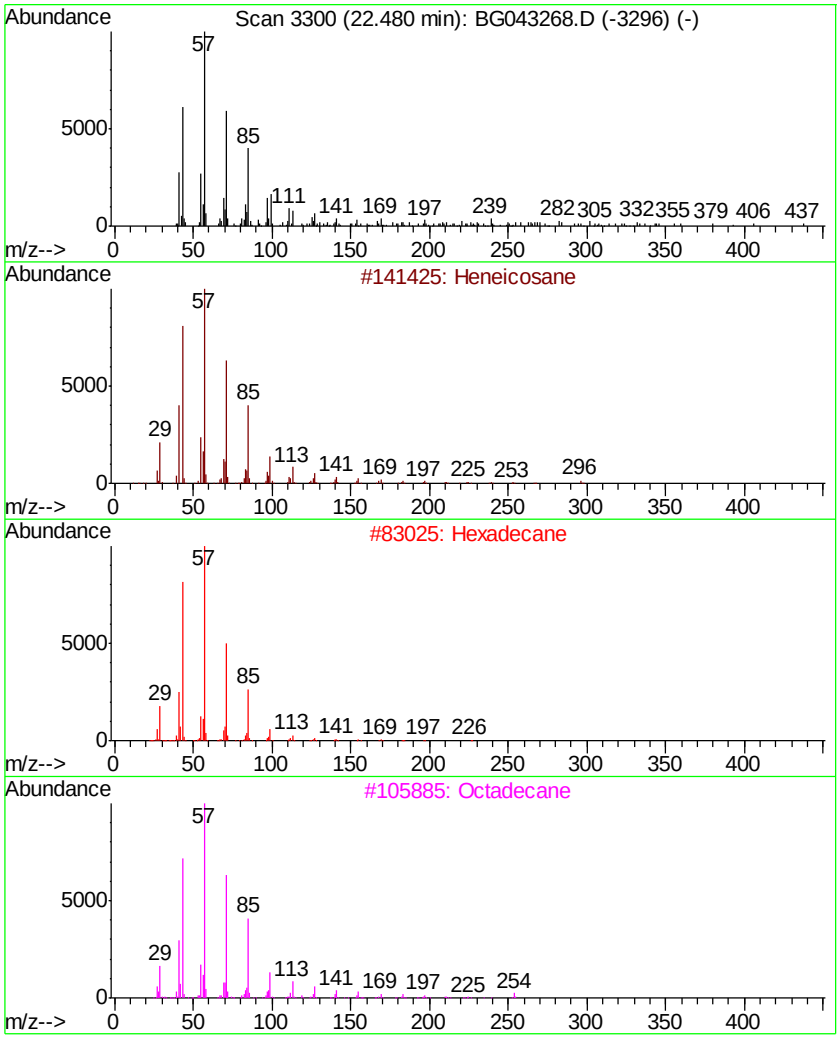
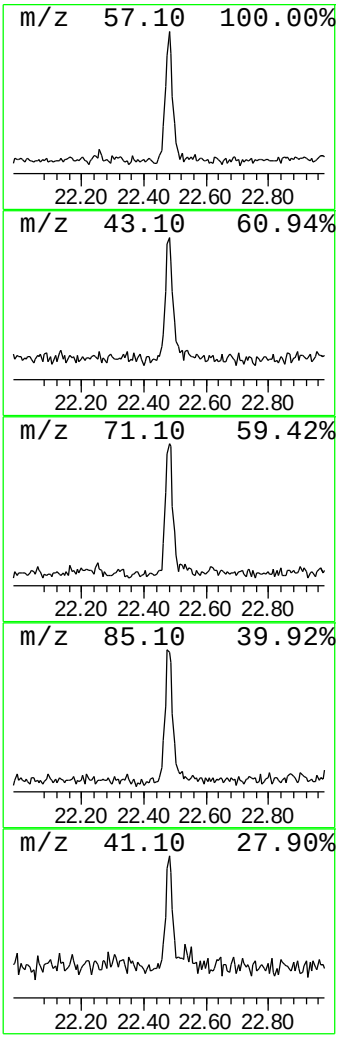
Peak Number 9 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.50 ng	130598	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane	226	C16H34	000544-76-3	94
3	Octadecane	254	C18H38	000593-45-3	94
4	Eicosane	282	C20H42	000112-95-8	94
5	Hexacosane	366	C26H54	000630-01-3	90





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

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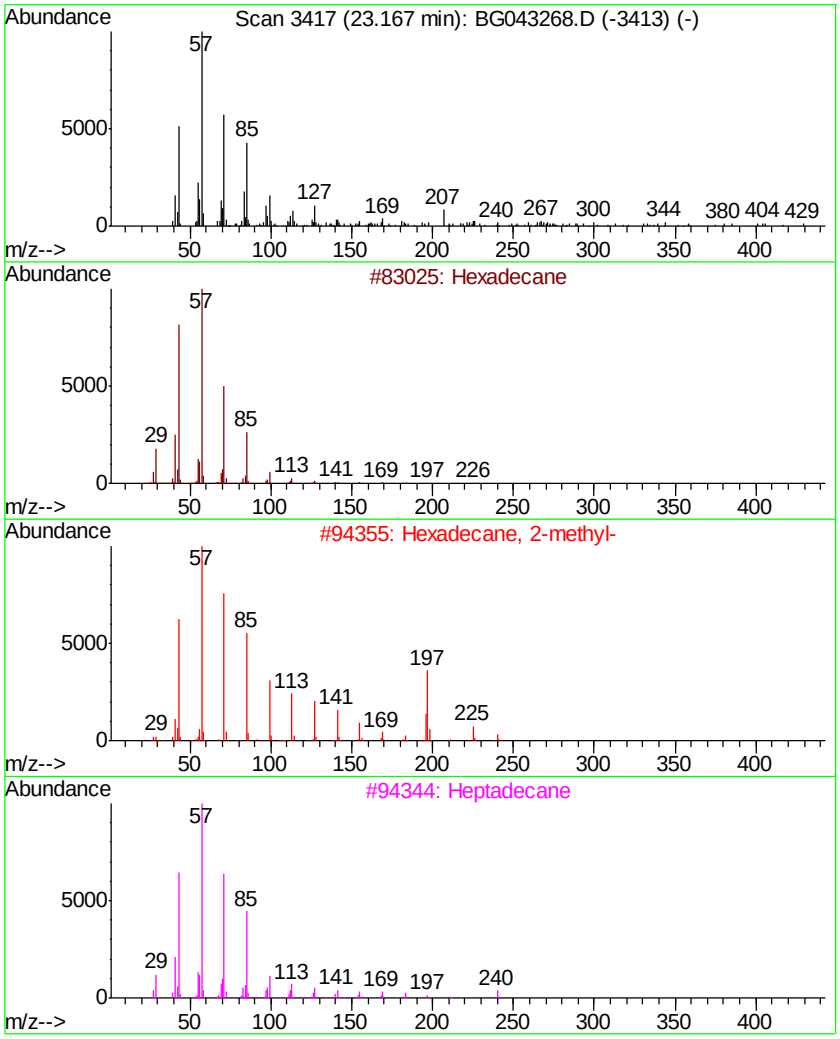
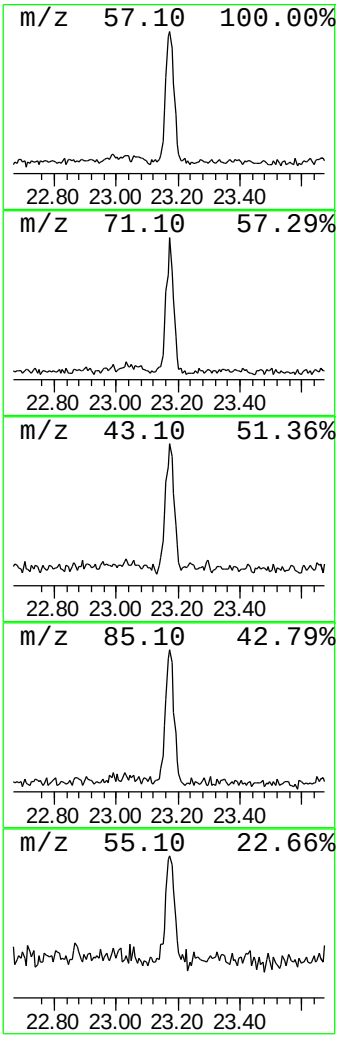
Peak Number 10 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	3.54 ng	184615	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
3	Heptadecane	240	C17H36	000629-78-7	93
4	Hexacosane	366	C26H54	000630-01-3	90
5	Pentacosane	352	C25H52	000629-99-2	87





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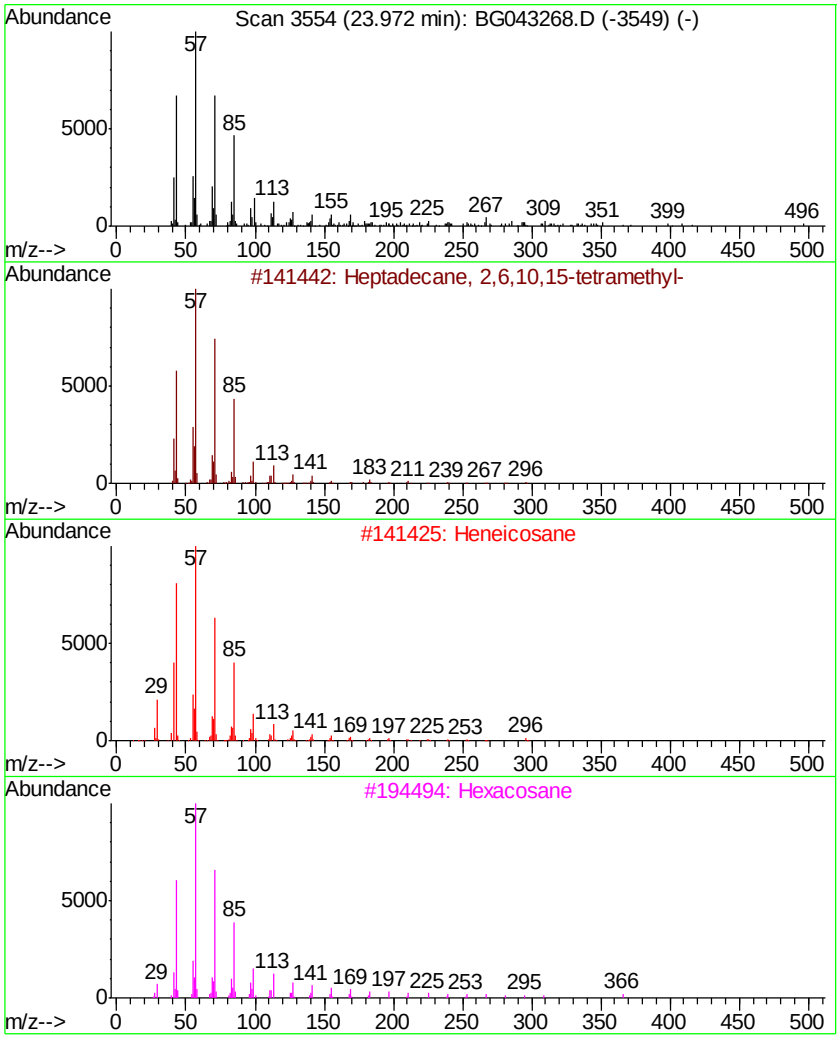
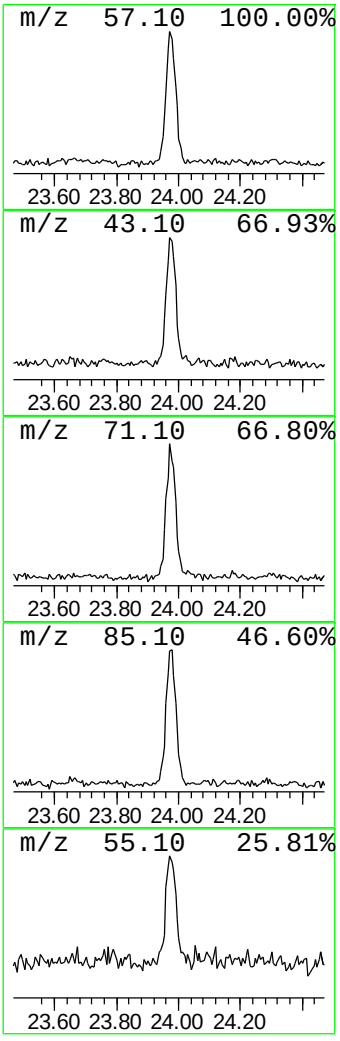
****

Peak Number 11 Heptadecane, 2,6,10,15-tetr... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.14 ng	211994	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	96
2	Heneicosane	296	C21H44	000629-94-7	96
3	Hexacosane	366	C26H54	000630-01-3	94
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	93
5	2-methyloctacosane	408	C29H60	1000376-72-8	90





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Data File : BG043268.D
Acq On : 17 Oct 2019 19:00
Operator : JU
Sample : K5407-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DEVELOPMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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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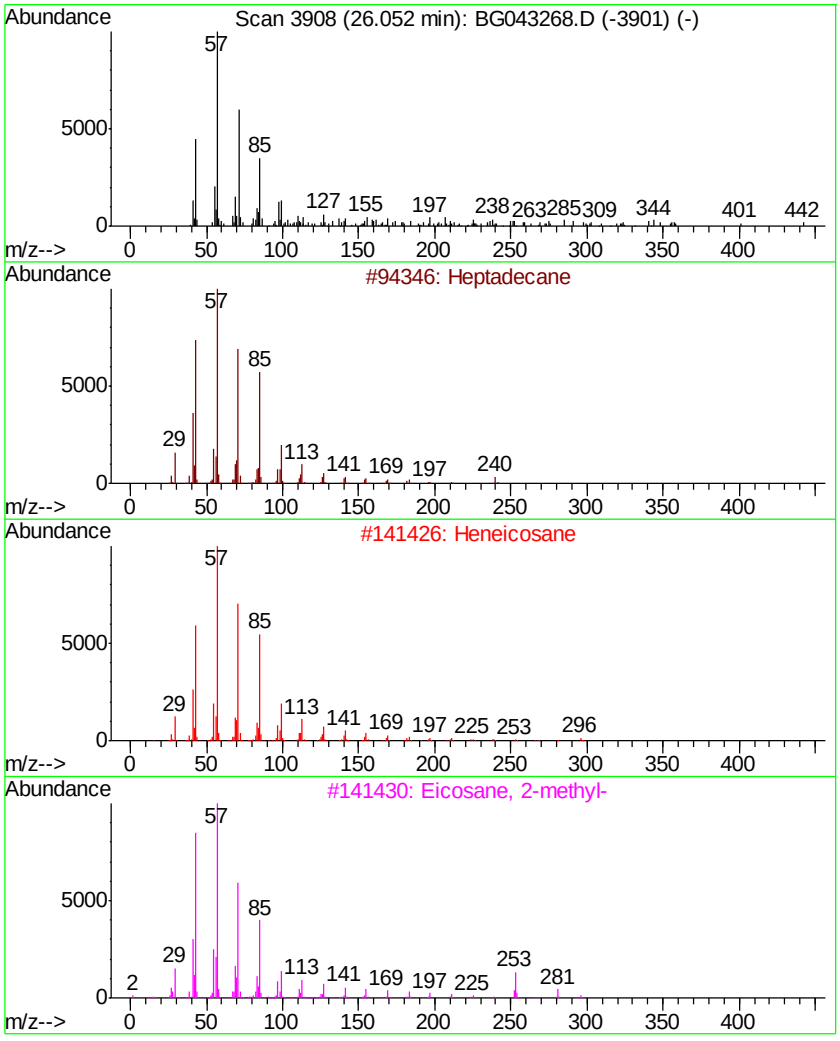
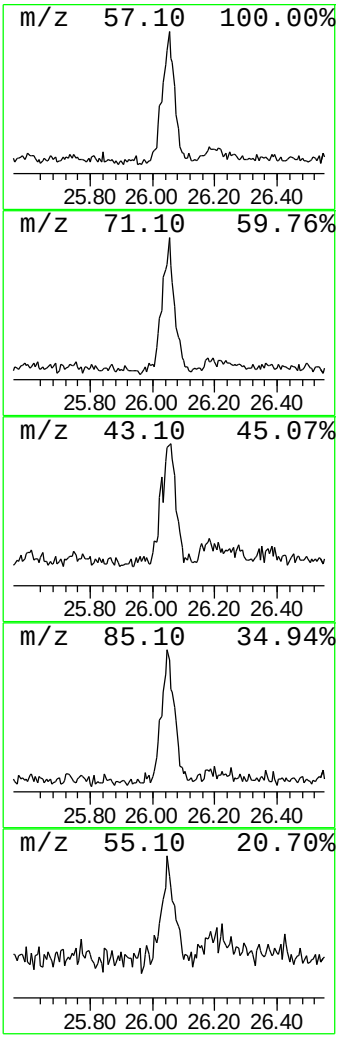
Peak Number 12 Eicosane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.05	2.94 ng	198853	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Heneicosane	296	C21H44	000629-94-7	89
3	Eicosane, 2-methyl-	296	C21H44	001560-84-5	76
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	68
5	Tridecane	184	C13H28	000629-50-5	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101719\
Data File : BG043268.D
Acq On : 17 Oct 2019 19:00
Operator : JU
Sample : K5407-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DEVELOPMENT-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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
1-Pentene, 2-methyl-	3.13	16.3	ng	284827	1	8.04	349362	20.0
Butane, 2-methoxy...	3.21	66.8	ng	1167390	1	8.04	349362	20.0
Trichloroethylene	3.44	4.1	ng	71045	1	8.04	349362	20.0
unknown7.57	7.57	83.2	ng	1454030	1	8.04	349362	20.0
n-Hexadecanoic acid	18.30	8.3	ng	363125	4	17.41	873236	20.0
3-Eicosene, (E)-	21.32	6.6	ng	345680	5	21.68	1044190	20.0
Tricosane	21.87	2.0	ng	106036	5	21.68	1044190	20.0
Heneicosane	22.48	2.5	ng	130598	5	21.68	1044190	20.0
Hexadecane	23.17	3.5	ng	184615	5	21.68	1044190	20.0
Heptadecane, 2,6,...	23.97	3.1	ng	211994	6	24.91	1351660	20.0
Eicosane, 2-methyl-	26.05	2.9	ng	198853	6	24.91	1351660	20.0