LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047981.D
Acq On : 22 Jan 2021 16:58
Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0022-SITE-WATER-043

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-BG012121.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG047981.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.694	394	401	411	rBV	500151	779105	19.26%	4.008%
2	7.286	664	672	683	rVB2	327480	692881	17.13%	3.564%
3	8.144	808	818	825	rBV	193249	322409	7.97%	1.659%
4	9.307	1007	1016	1023	rBV	576807	1034548	25.57%	5.322%
5	10.958	1289	1297	1304	rBV	246892	429904	10.63%	2.211%
6	13.391	1703	1711	1718	rBV	1545598	2340863	57.86%	12.042%
7	14.207	1844	1850	1855	rBV	42611	62048	1.53%	0.319%
8	14.396	1877	1882	1889	rBV4	24536	44056	1.09%	0.227%
9	14.766	1938	1945	1953	rVB	390863	629381	15.56%	3.238%
10	16.246	2189	2197	2209	rBV	1475347	2264374	55.97%	11.648%
11	17.504	2405	2411	2417	rBV	556203	842350	20.82%	4.333%
12	18.391	2556	2562	2570	rBV	451795	631194	15.60%	3.247%
13	18.461	2571	2574	2578	rVB	41860	58586	1.45%	0.301%
14	18.902	2645	2649	2655	rBV	29838	46639	1.15%	0.240%
15	19.090	2677	2681	2686	rBV4	43252	57246	1.41%	0.294%
16	19.161	2688	2693	2697	rBV	220007	273916	6.77%	1.409%
17	19.243	2704	2707	2715	rVB	67112	89454	2.21%	0.460%
18	19.654	2772	2777	2788	rVB2	415390	621054	15.35%	3.195%
19	19.789	2796	2800	2807	rVB	66739	92019	2.27%	0.473%
20	20.106	2848	2854	2860	rBV	2959044	4045794	100.00%	20.812%
21	20.318	2886	2890	2895	rBV	37887	51473	1.27%	0.265%
22	20.794	2968	2971	2978	rVB	83029	114705	2.84%	0.590%
23	21.017	3004	3009	3013	rBV	362985	482396	11.92%	2.481%
24	21.064	3013	3017	3021	rVV	90688	115750	2.86%	0.595%
25	21.135	3025	3029	3036	rVB4	41822	63888	1.58%	0.329%
26	21.423	3073	3078	3087	rVB	344983	494784	12.23%	2.545%
27	21.787	3133	3140	3146	rVB2	627178	1057303	26.13%	5.439%
28	21.992	3172	3175	3181	rVB3	43805	63397	1.57%	0.326%
29	22.627	3278	3283	3290	rVB2	51641	104592	2.59%	0.538%
30	23.338	3401	3404	3409	rVB3	37187	61140	1.51%	0.315%
31	23.538	3433	3438	3443	rVB2	57260	103262	2.55%	0.531%
32	24.178	3541	3547	3558	rVB2	71182	181569	4.49%	0.934%
33	25.083	3691	3701	3710	rBV2	363257	1056724	26.12%	5.436%
34	26.452	3929	3934	3943	rVB7	48555	130894	3.24%	0.673%

Sum of corrected areas: 19439698

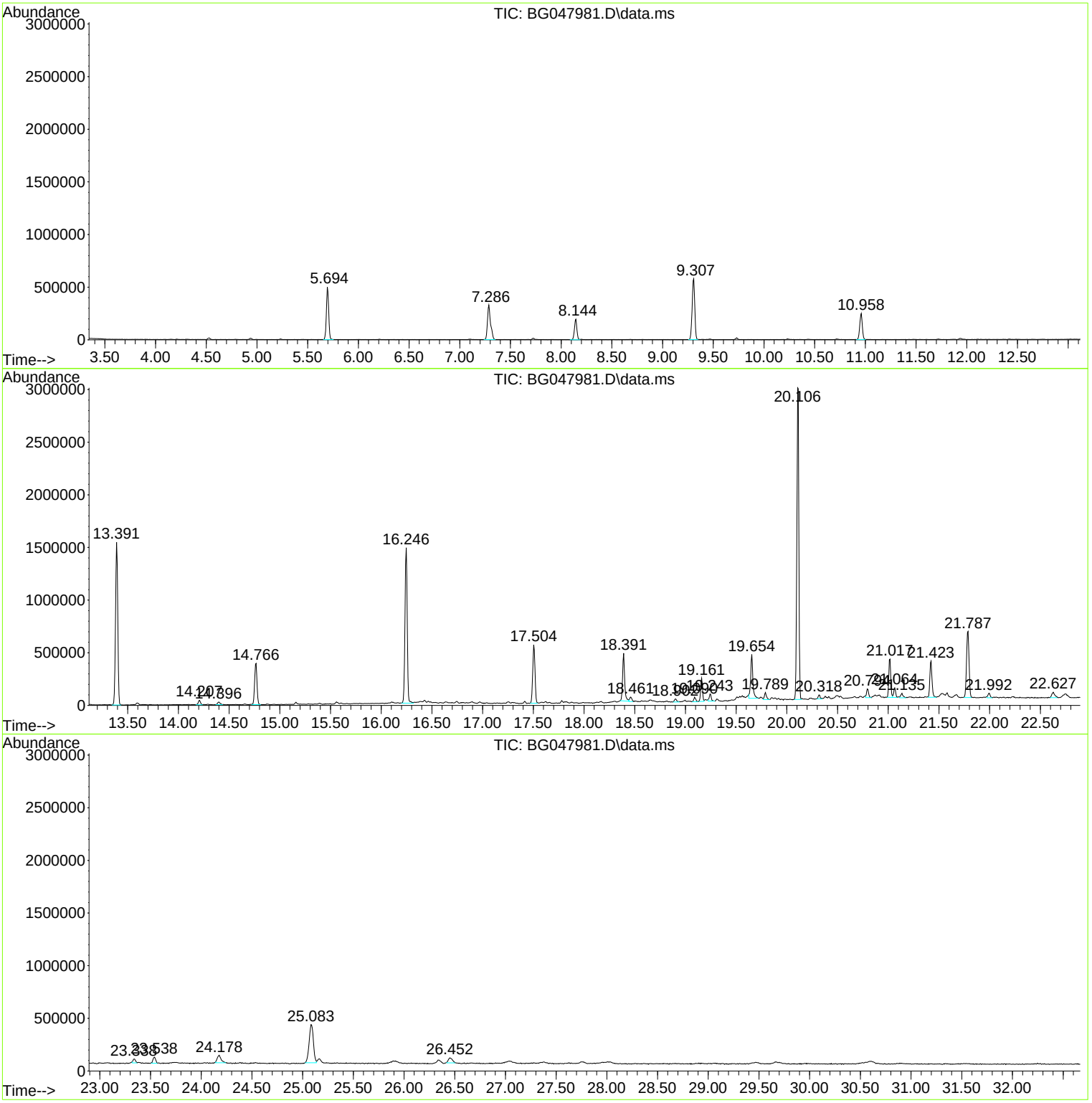
Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047981.D
Acq On : 22 Jan 2021 16:58
Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.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 : BG047981.D
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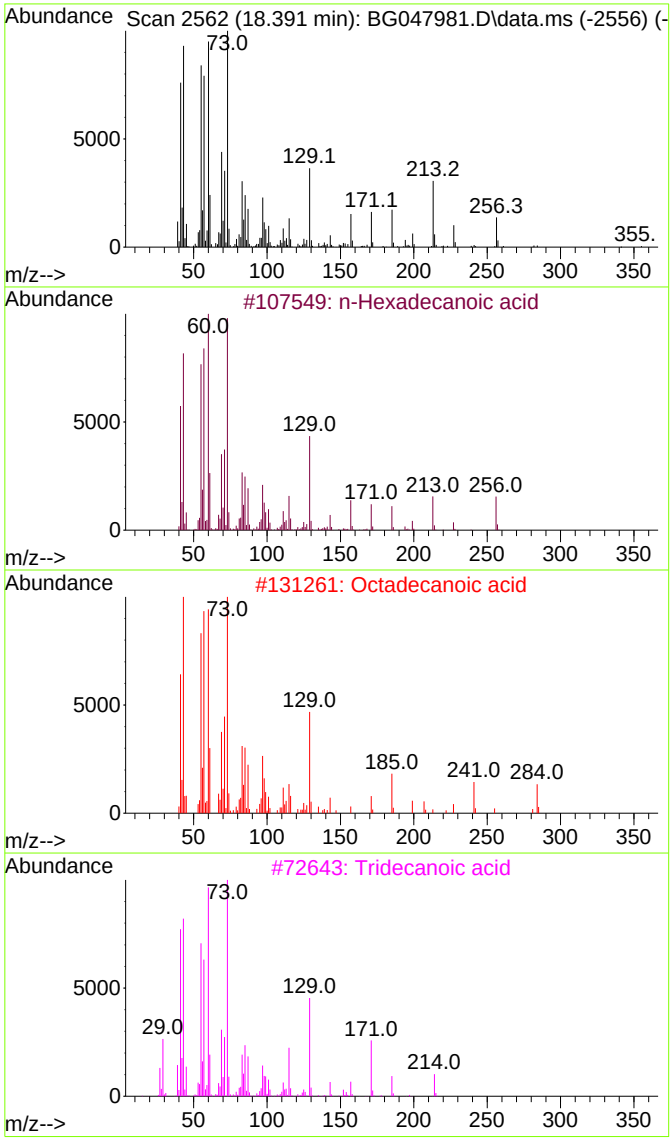
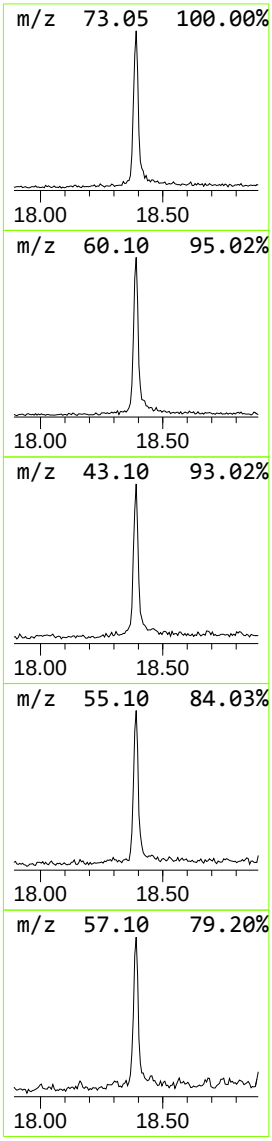
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.391	14.99 ng	631194	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





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Data File : BG047981.D
Acq On : 22 Jan 2021 16:58
Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

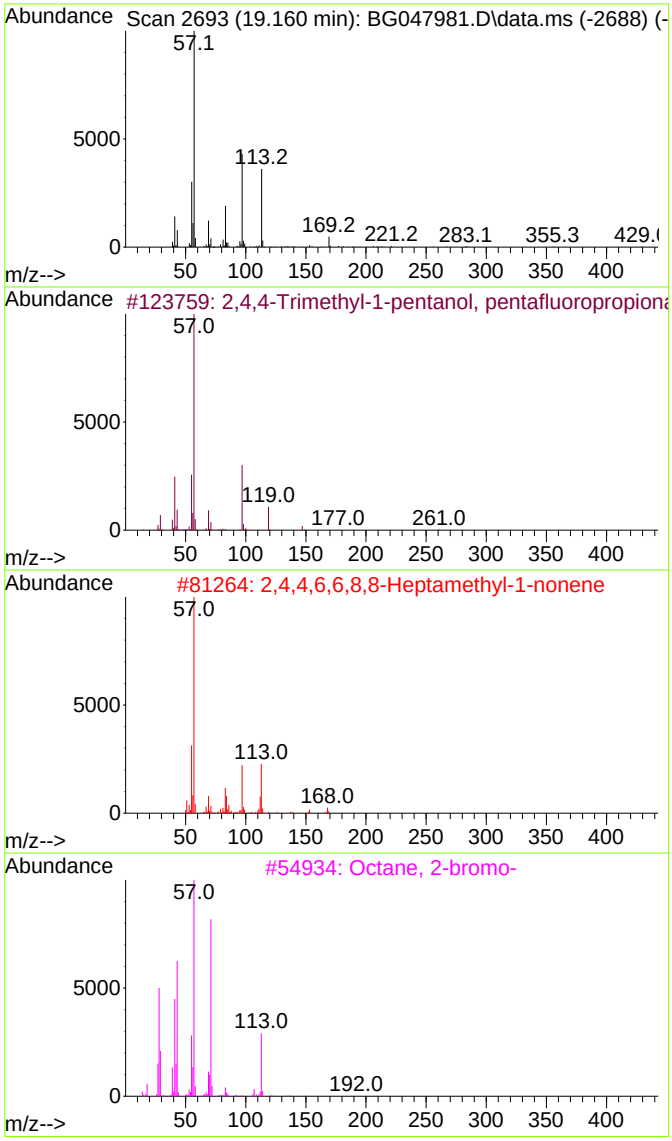
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

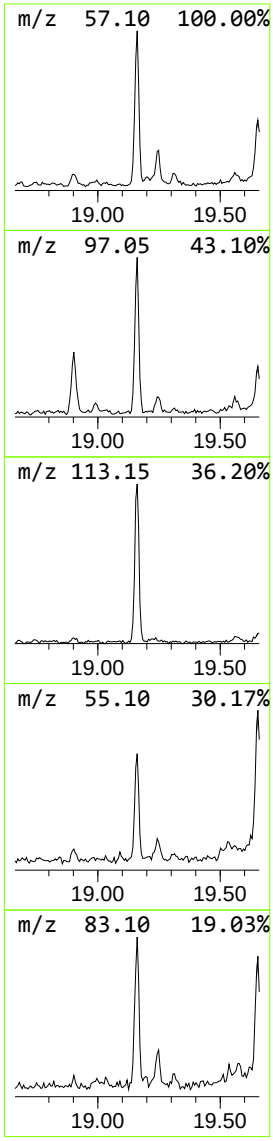
****

Peak Number 2 unknown19.16 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.160	6.50 ng	273916	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	47
2	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	38
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
4	2,2-Dimethyl-3-pentanol, chlorod...	228	C9H15ClF2O2	1000376-26-4	35
5	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	32





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Data File : BG047981.D
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Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.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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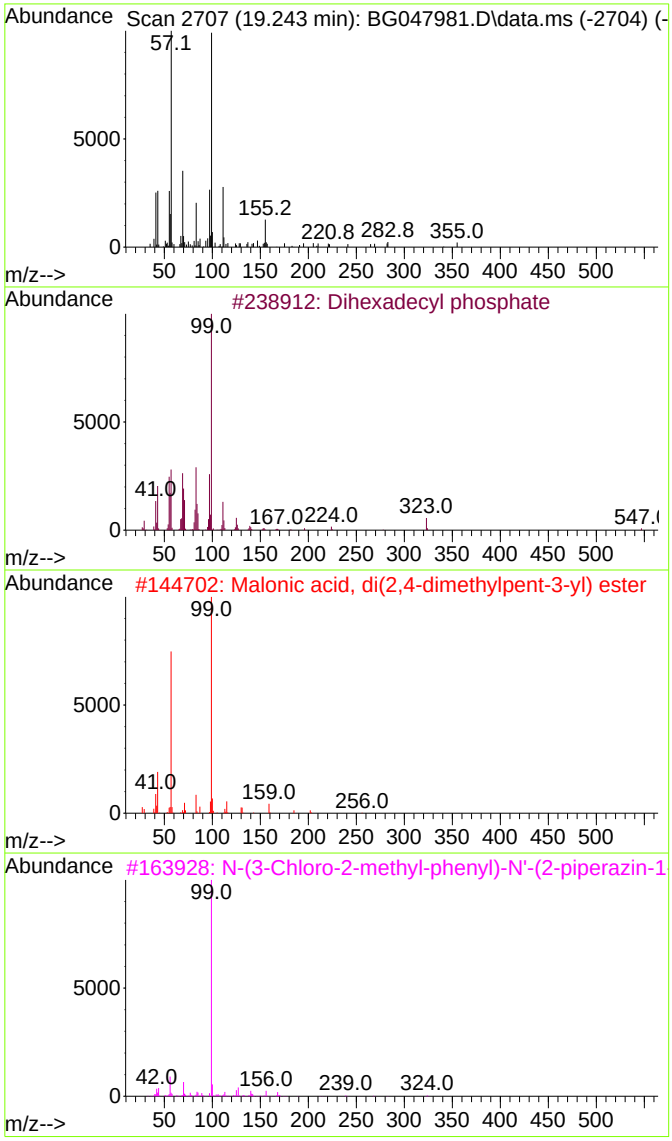
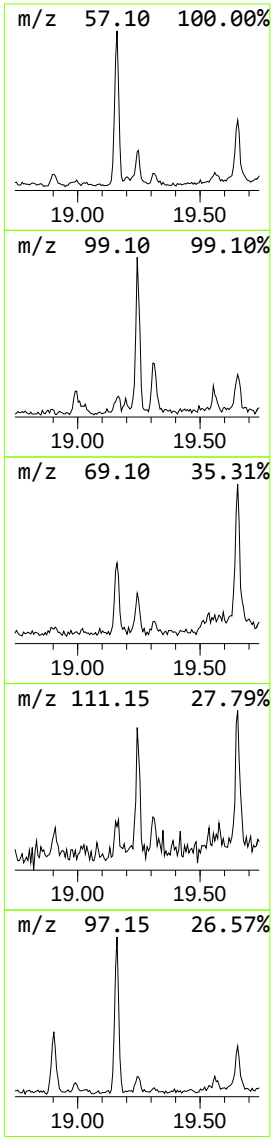
Peak Number 3 unknown19.24 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.243	2.12 ng	89454	Phenanthrene-d10	17.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dihexadecyl phosphate	546	C32H67O4P	002197-63-9	42
2	Malonic acid, di(2,4-dimethylpen...	300	C17H32O4	1000349-02-5	37
3	N-(3-Chloro-2-methyl-phenyl)-N'-...	324	C15H21ClN4O2	1000294-79-6	25
4	Nonane, 2-bromo-5-ethyl-	234	C11H23Br	055162-38-4	25
5	Pregna-5,9(11)-dien-20-ol-3-one ...	358	C23H34O3	1000194-02-0	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047981.D
Acq On : 22 Jan 2021 16:58
Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

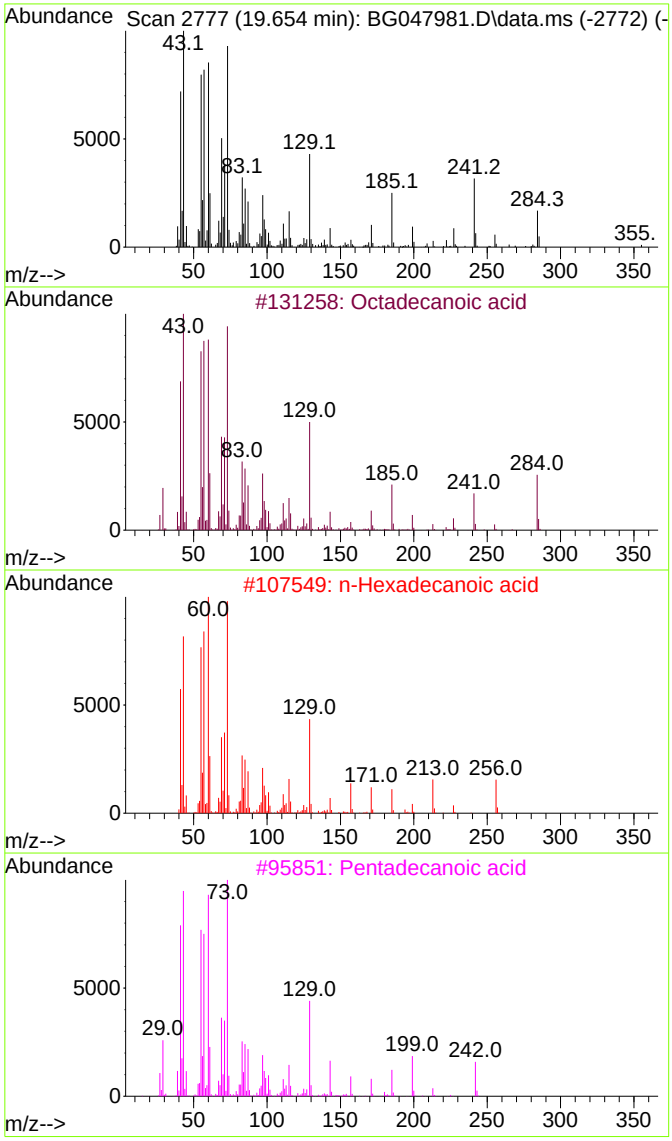
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

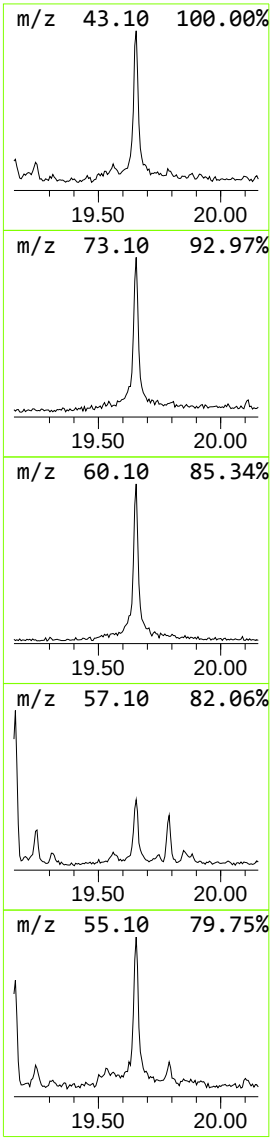
****

Peak Number 4 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.654	11.75 ng	621054	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047981.D
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Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0022-SITE-WATER-043

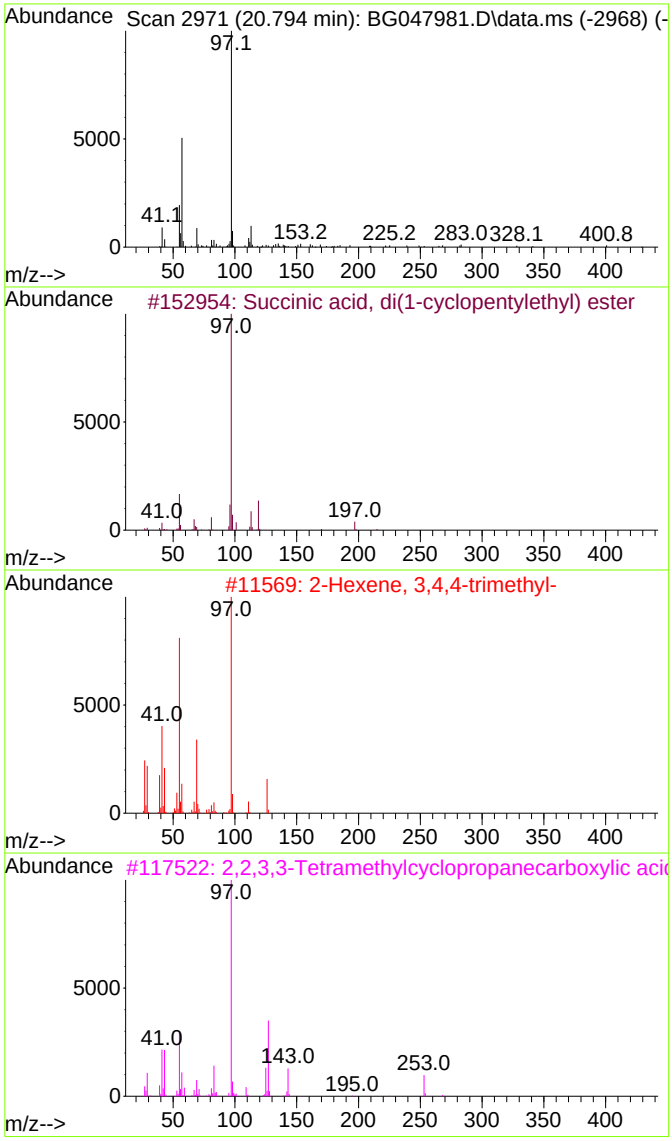
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

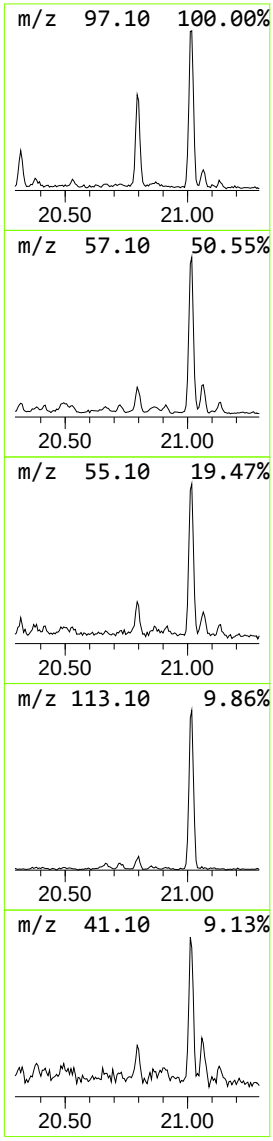
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Succinic acid, di(1-cyclope... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.794	2.17 ng	114705	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, di(1-cyclopentyle...	310	C18H30O4	1000330-21-8	50
2	2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	45
3	2,2,3,3-Tetramethylcyclopropanec...	268	C17H32O2	1000221-97-8	45
4	1,2,4-Oxadiazol-5-amine, 3-(4-am...	264	C9H8N6O2S	1000351-26-9	42
5	2-Thiophenylacetic acid, 2-fluor...	236	C12H9FO2S	1000325-71-6	42





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Data File : BG047981.D
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Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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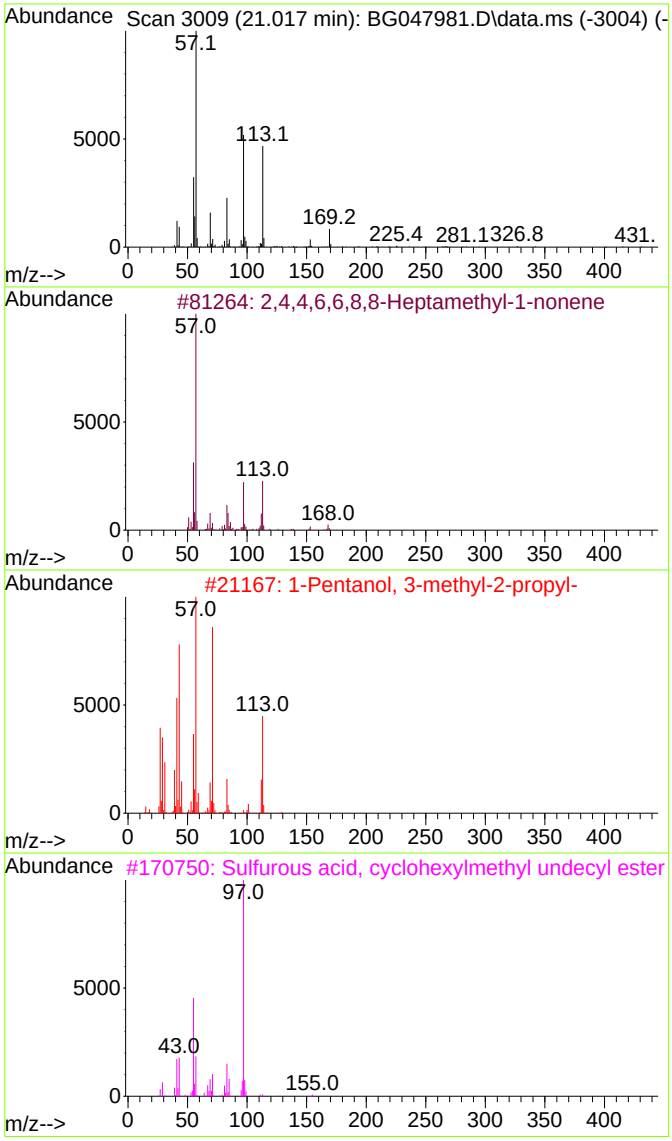
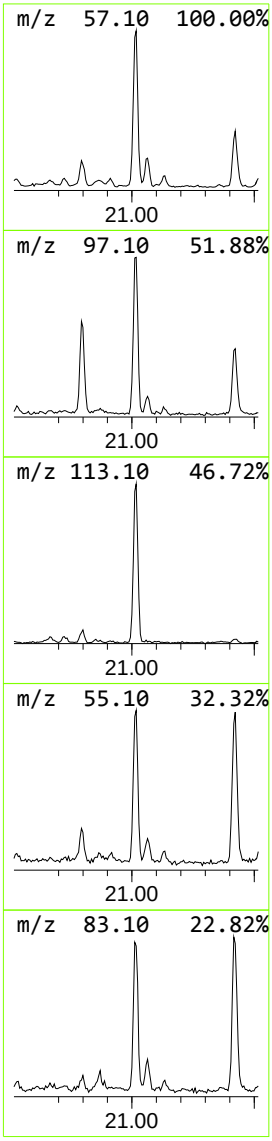
****
Peak Number 6 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.017	9.13 ng	482396	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	50
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	37
3	Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	25
4	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	25
5	Sulfurous acid, cyclohexylmethyl...	276	C14H28O3S	1000309-21-7	25





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Acq On : 22 Jan 2021 16:58
Operator : CG/JU
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Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

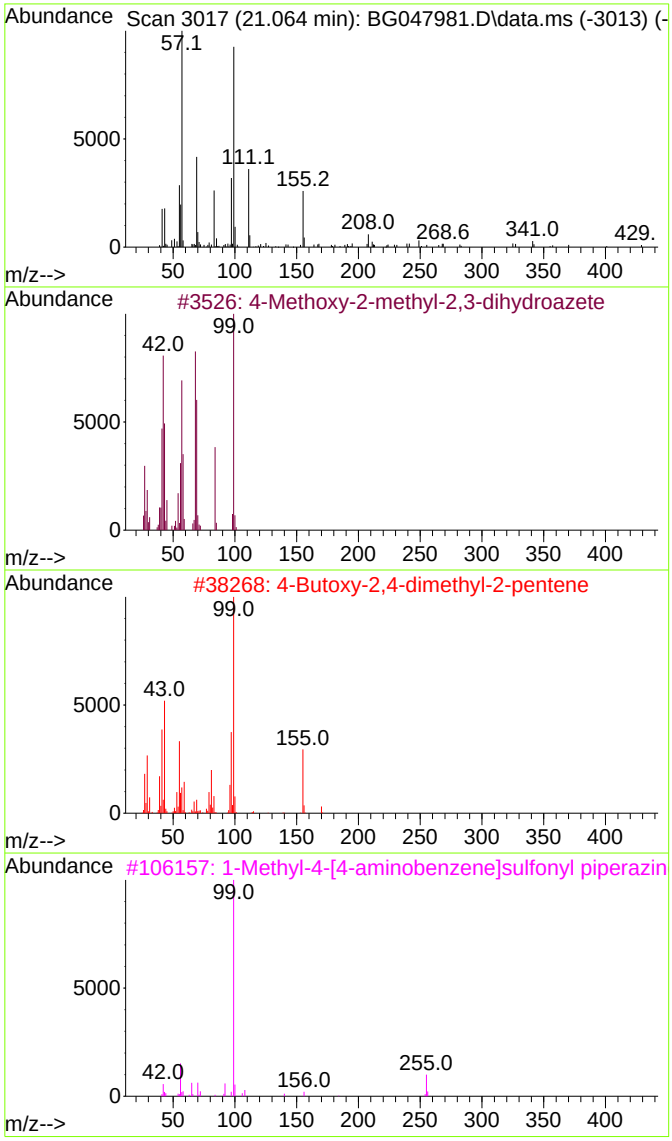
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

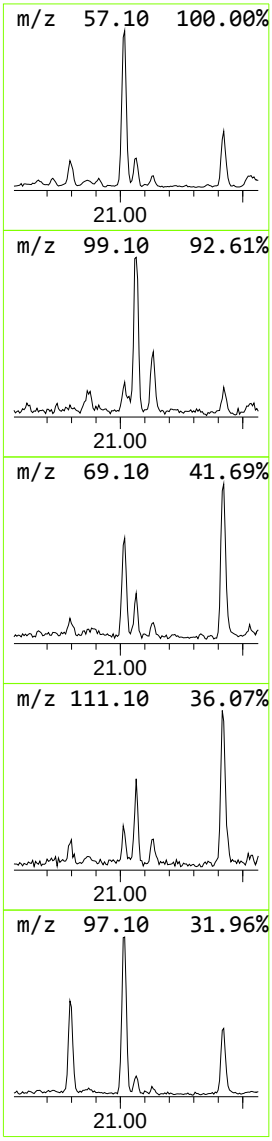
****

Peak Number 7 unknown21.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.064	2.19 ng	115750	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-2-methyl-2,3-dihydroazete	99	C5H9NO	1000194-07-0	43
2	4-Butoxy-2,4-dimethyl-2-pentene	170	C11H22O	1000159-08-7	42
3	1-Methyl-4-[4-aminobenzene]sulfo...	255	C11H17N3O2S	021623-68-7	38
4	Dihexadecyl phosphate	546	C32H67O4P	002197-63-9	33
5	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	32





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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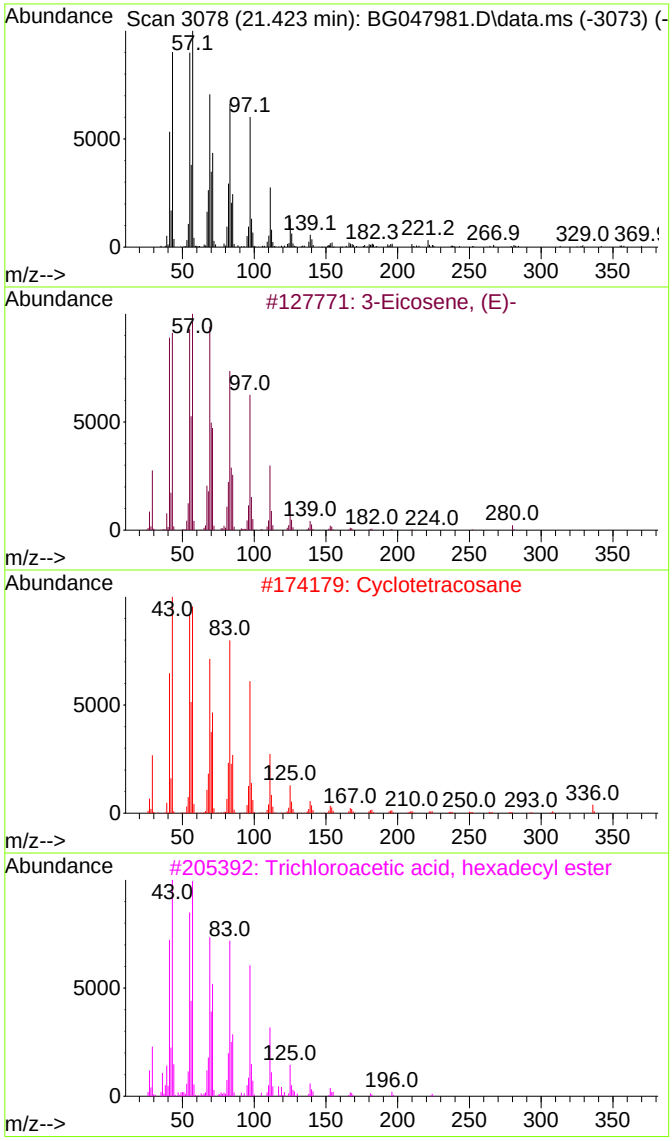
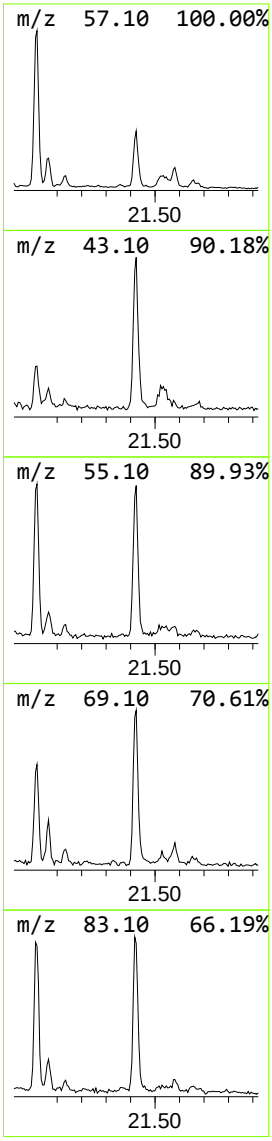
****

Peak Number 8 3-Eicosene, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.423	9.36 ng	494784	Chrysene-d12	21.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	93
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047981.D
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Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
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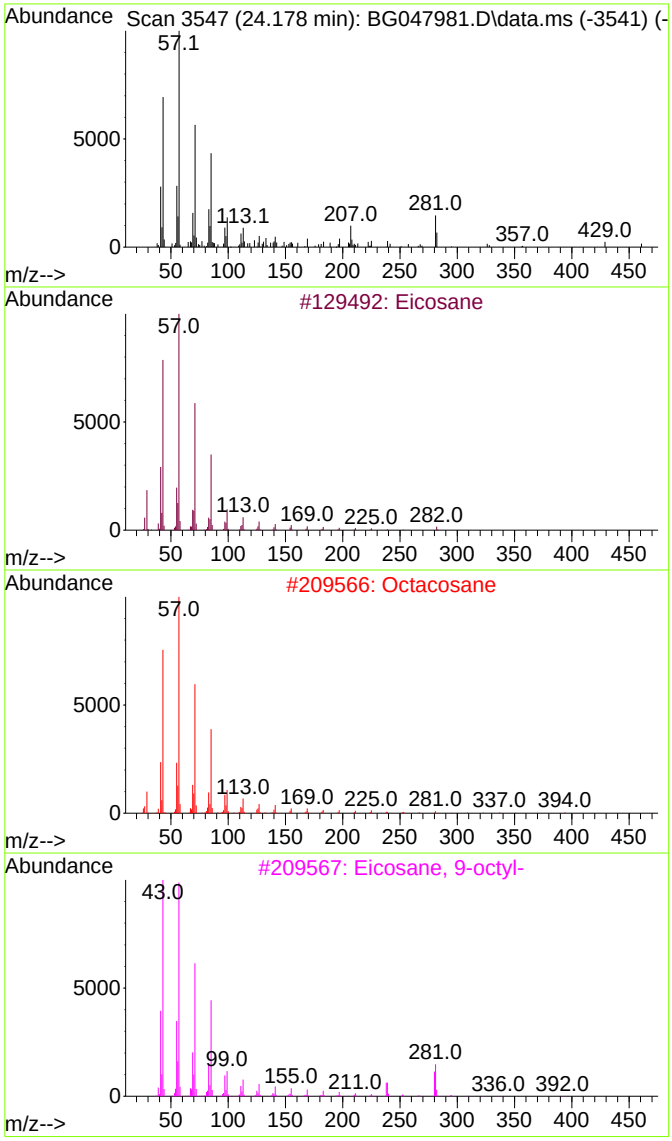
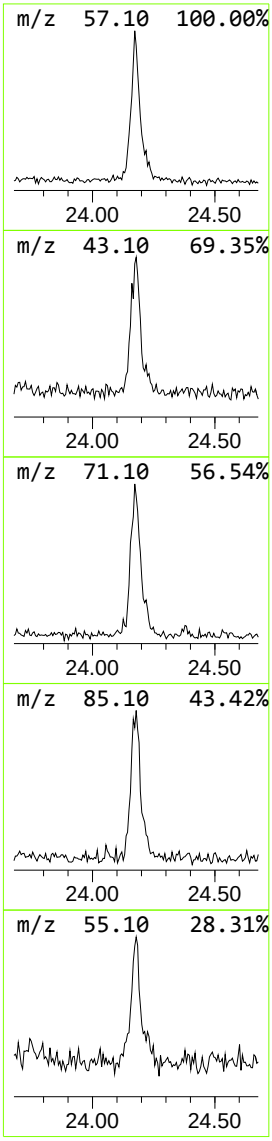
Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.178	3.44 ng	181569	Perylene-d12	25.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Octacosane	394	C28H58	000630-02-4	76
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	72
4	Hexacosane	366	C26H54	000630-01-3	68
5	Tetracosane	338	C24H50	000646-31-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047981.D
Acq On : 22 Jan 2021 16:58
Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

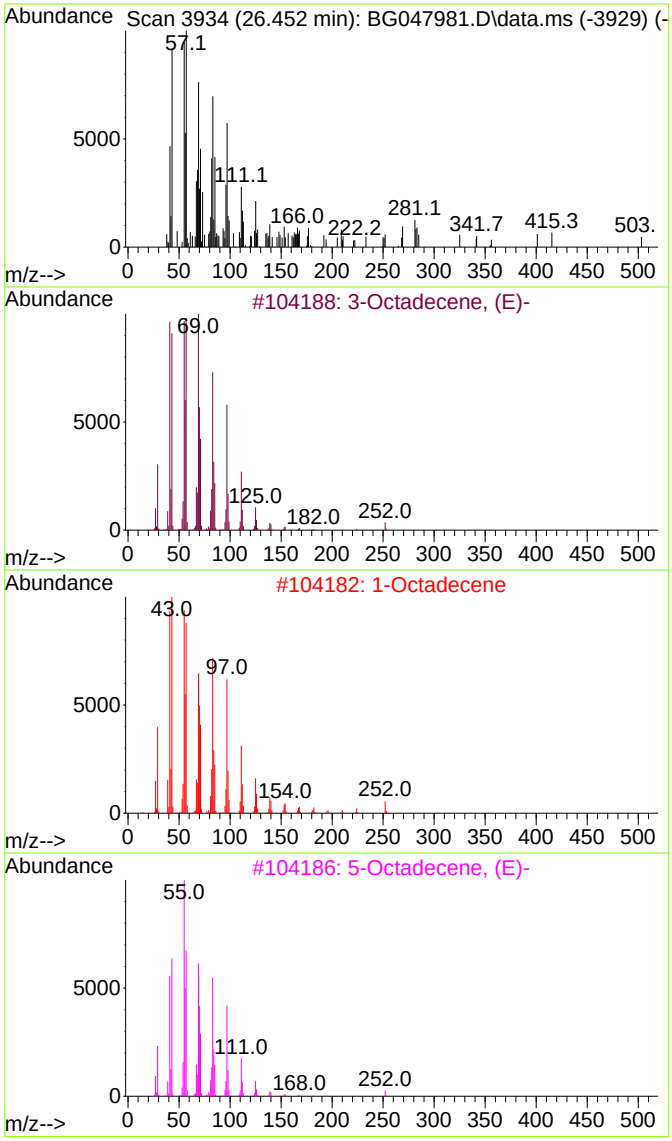
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

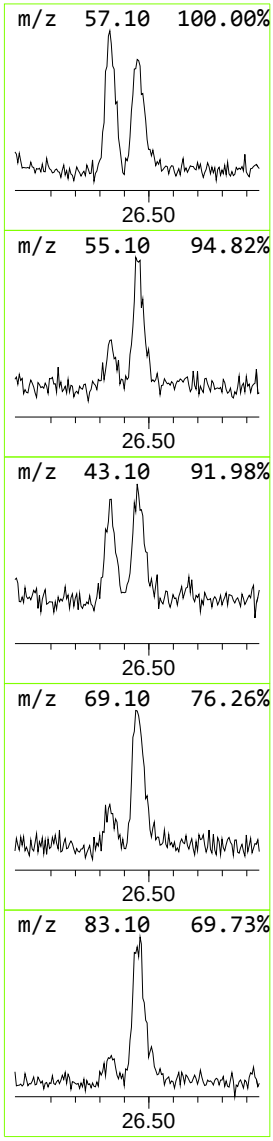
****

Peak Number 10 3-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.452	2.48 ng	130894	Perylene-d12	25.083

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octadecene, (E)-	252	C18H36	007206-19-1	83
2	1-Octadecene	252	C18H36	000112-88-9	58
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	52
4	trans-2,4-Dimethylthiane, S,S-di...	162	C7H14O2S	1000215-67-6	46
5	Dotriacontyl trifluoroacetate	562	C34H65F3O2	1000351-75-4	45





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012221\
Data File : BG047981.D
Acq On : 22 Jan 2021 16:58
Operator : CG/JU
Sample : M1191-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0022-SITE-WATER-043

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012121.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
n-Hexadecanoic ...	18.391	15.0	ng	631194	4	17.504	842350	20.0
unknown19.16	19.160	6.5	ng	273916	4	17.504	842350	20.0
unknown19.24	19.243	2.1	ng	89454	4	17.504	842350	20.0
Octadecanoic acid	19.654	11.8	ng	621054	5	21.781	1057300	20.0
Succinic acid, ...	20.794	2.2	ng	114705	5	21.781	1057300	20.0
2,4,4,6,6,8,8-H...	21.017	9.1	ng	482396	5	21.781	1057300	20.0
unknown21.06	21.064	2.2	ng	115750	5	21.781	1057300	20.0
3-Eicosene, (E)-	21.423	9.4	ng	494784	5	21.781	1057300	20.0
Eicosane	24.178	3.4	ng	181569	6	25.083	1056720	20.0
3-Octadecene, (E)-	26.452	2.5	ng	130894	6	25.083	1056720	20.0