LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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	4.060	159	165	174	rBV	965993	1601695	1.01%	0.255%
2	8.144	850	860	881	rVB	4945730	10818811	6.80%	1.723%
3	8.913	942	991	995	rBV4	570845	4708797	2.96%	0.750%
4	9.618	1069	1111	1122	rBV2	3464636	10595529	6.66%	1.688%
5	10.688	1210	1293	1294	rBV2	2236122	29346270	18.44%	4.675%
6	13.302	1680	1738	1741	rBV2	5651420	45525031	28.61%	7.252%
7	14.795	1986	1992	1998	rVB	5636793	7751575	4.87%	1.235%
8	15.465	2041	2106	2107	rBV	16207930	159140075	100.00%	25.352%
9	16.581	2290	2296	2299	rBV	1901510	2521163	1.58%	0.402%
10	16.663	2306	2310	2315	rVV	2015566	3336498	2.10%	0.532%
11	16.716	2315	2319	2334	rVB3	1263539	2958840	1.86%	0.471%
12	17.045	2341	2375	2378	rBV	16614091	93476781	58.74%	14.891%
13	17.221	2400	2405	2420	rVB	1465653	2884016	1.81%	0.459%
14	17.345	2421	2426	2431	rVB	3209590	3873603	2.43%	0.617%
15	18.443	2590	2613	2616	rBV	16468596	66977810	42.09%	10.670%
16	18.479	2616	2619	2631	rVB	4585474	7291595	4.58%	1.162%
17	18.637	2641	2646	2659	rVB	1856777	3931704	2.47%	0.626%
18	18.743	2659	2664	2670	rVB	3231620	3841071	2.41%	0.612%
19	19.231	2742	2747	2749	rBV3	1592153	2362302	1.48%	0.376%
20	19.260	2749	2752	2756	rVB	3223705	3961196	2.49%	0.631%
21	19.577	2786	2806	2812	rBV2	24364219	75554437	47.48%	12.036%
22	19.666	2815	2821	2829	rVB	9637593	17534498	11.02%	2.793%
23	19.777	2836	2840	2841	rBV	2003135	2204668	1.39%	0.351%
24	19.807	2841	2845	2848	rVV	11320958	14427926	9.07%	2.298%
25	19.842	2848	2851	2860	rVB	4841007	6615032	4.16%	1.054%
26	19.930	2860	2866	2875	rVB2	8276115	10887165	6.84%	1.734%
27	20.047	2881	2886	2892	rVB	2753898	3842723	2.41%	0.612%
28	20.682	2989	2994	3002	rBV	1053520	1836804	1.15%	0.293%
29	21.346	3102	3107	3120	rVB	2481458	3410263	2.14%	0.543%
30	22.498	3293	3303	3311	rVB5	500465	1731537	1.09%	0.276%
31	22.644	3320	3328	3342	rVB5	752526	2474422	1.55%	0.394%
32	22.838	3354	3361	3378	rBV	788912	2780124	1.75%	0.443%
33	27.022	4066	4073	4089	rVB2	765372	2730683	1.72%	0.435%
34	27.251	4100	4112	4126	rVB2	1398670	5044160	3.17%	0.804%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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

35	30.471	4647	4660	4670	rBV4	897596	4642805	2.92%	0.740%
36	30.588	4673	4680	4695	rVB3	1254167	5102233	3.21%	0.813%

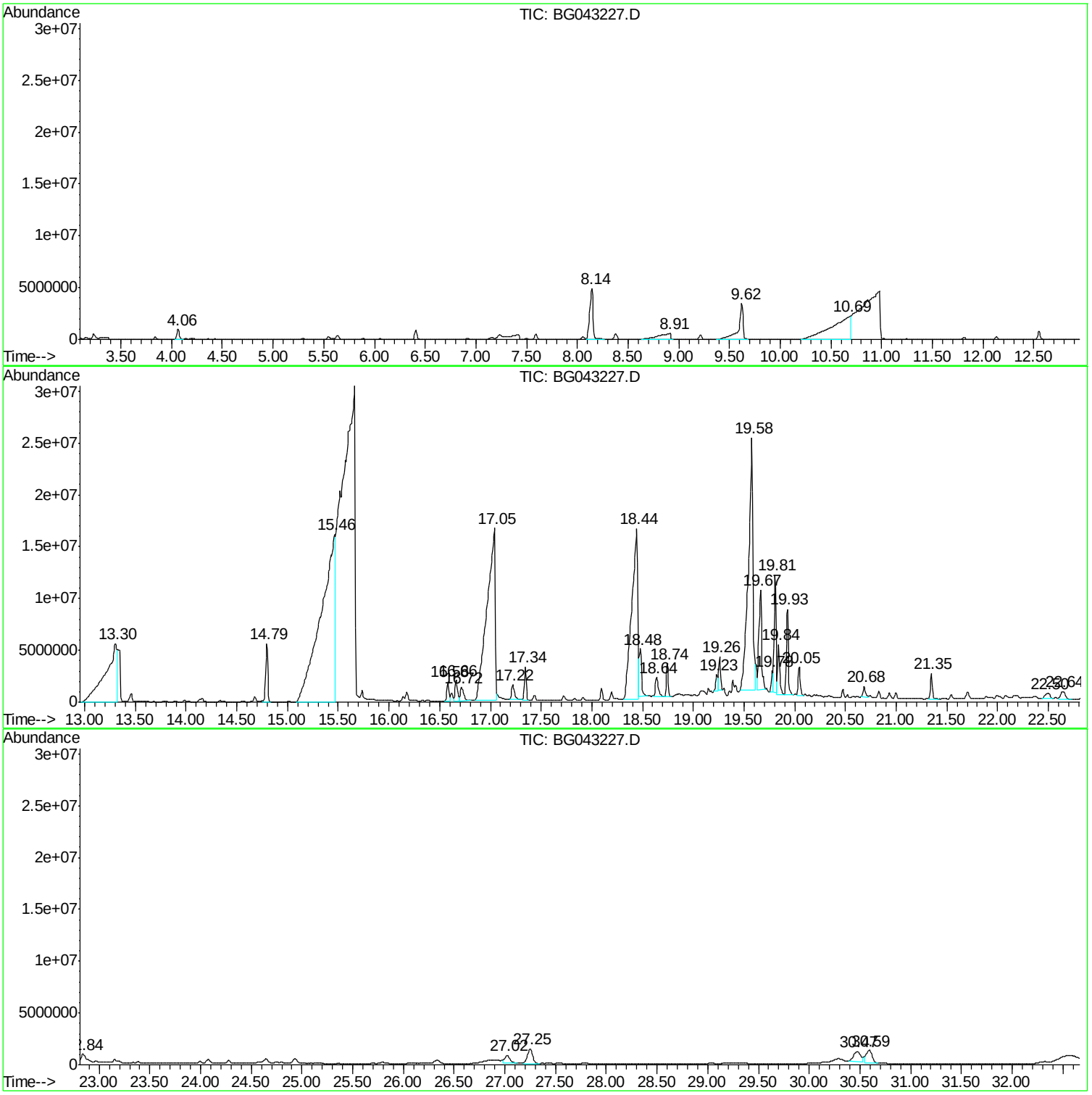
Sum of corrected areas: 627723842

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-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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Data File : BG043227.D
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Operator : JU
Sample : K5301-02
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

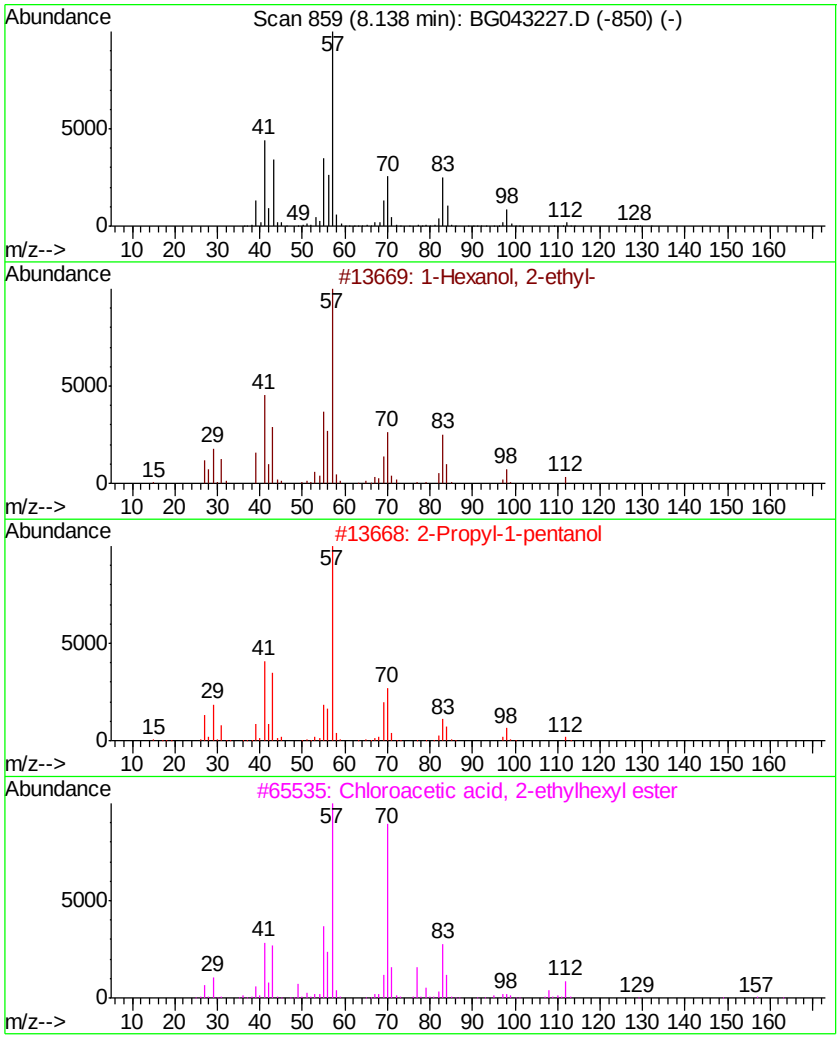
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

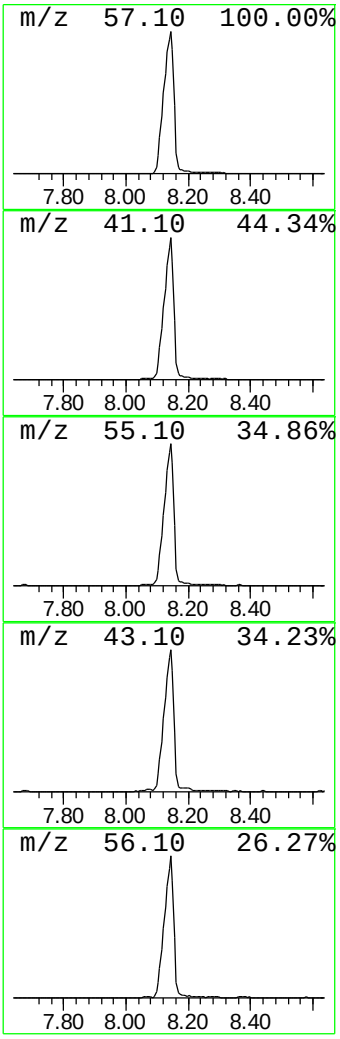
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	20.00 ng	10818800	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3	Chloroacetic acid, 2-ethylhexyl ...	206	C10H19ClO2	005345-58-4	59
4	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	53
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	47





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

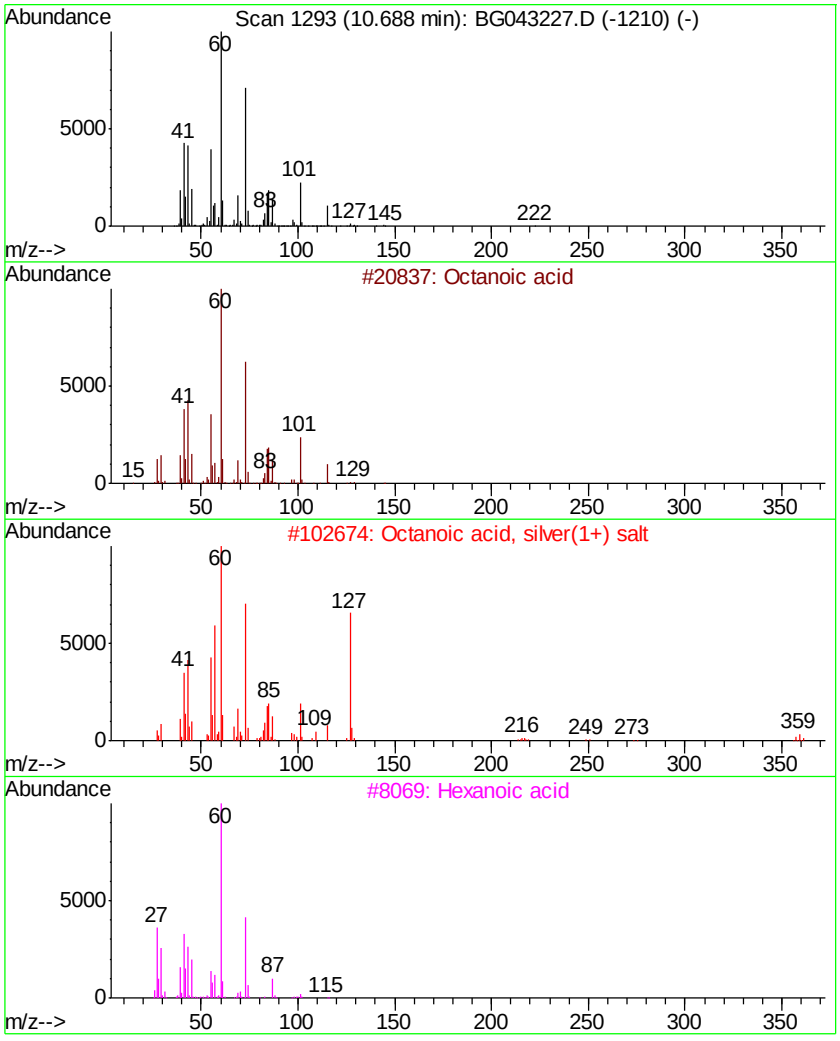
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

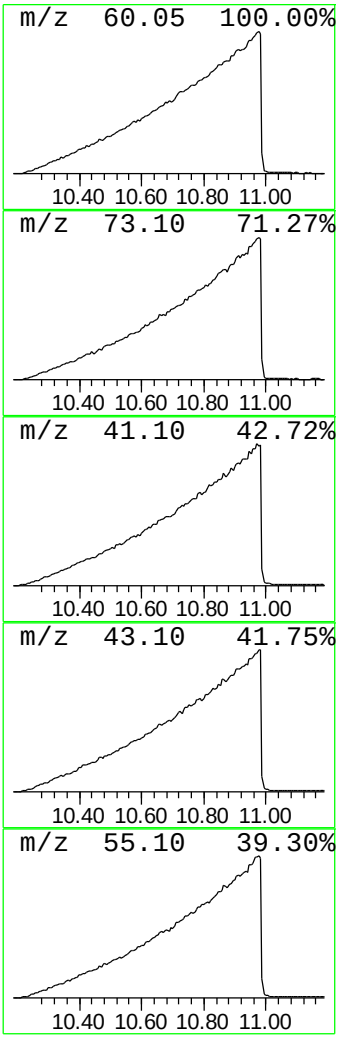
****

Peak Number 2 Octanoic acid Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	20.00 ng	29346300	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	98
2	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	80
3	Hexanoic acid	116	C6H12O2	000142-62-1	53
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
5	Heptanoic acid	130	C7H14O2	000111-14-8	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

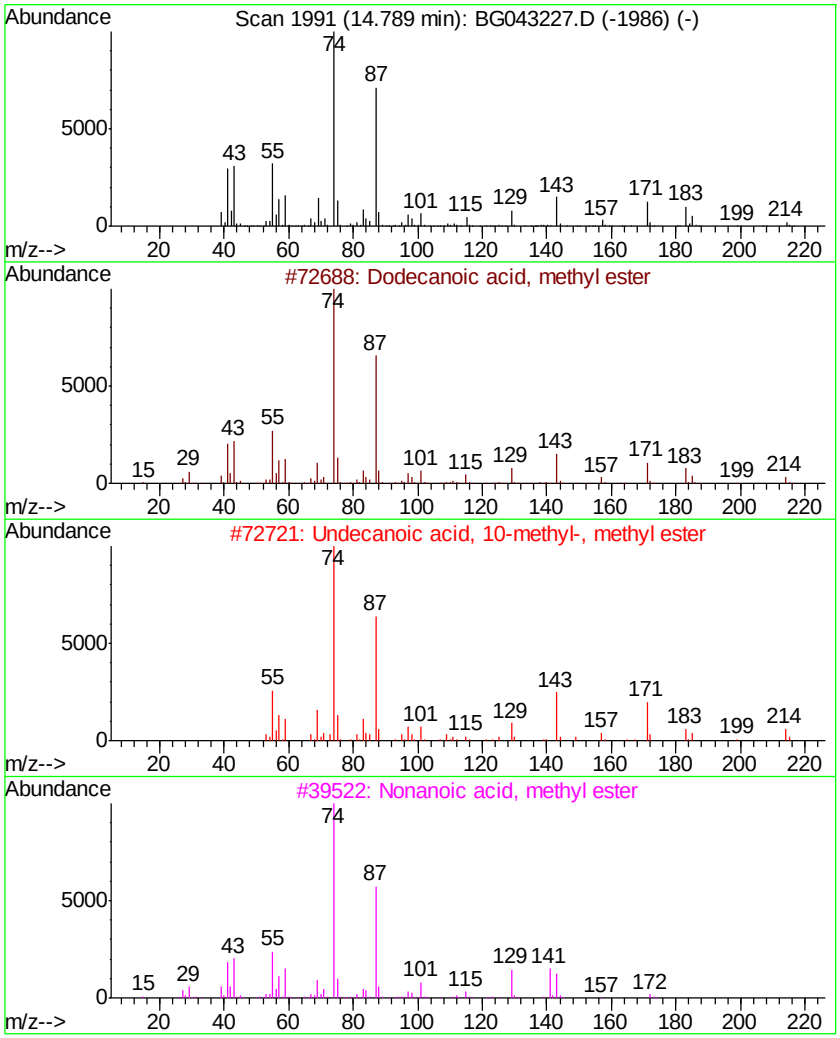
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

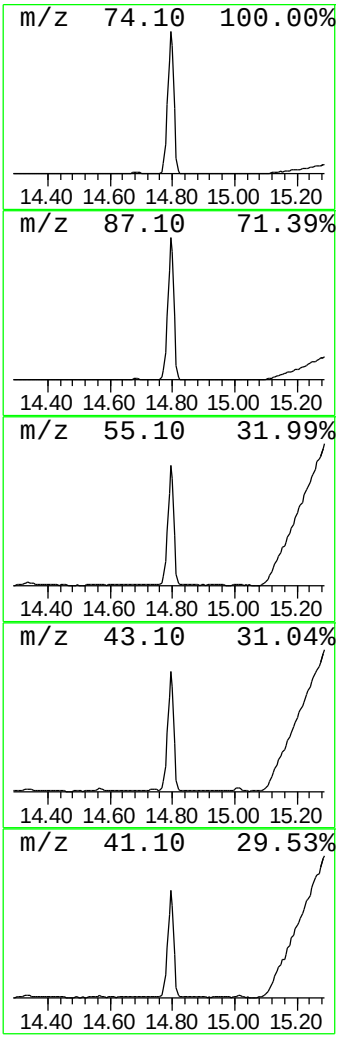
****

Peak Number 3 Dodecanoic acid, methyl ester Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	20.00 ng	7751580	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	96
2	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	93
3	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	91
4	Dodecanoic acid, 2-methyl-	214	C13H26O2	002874-74-0	87
5	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

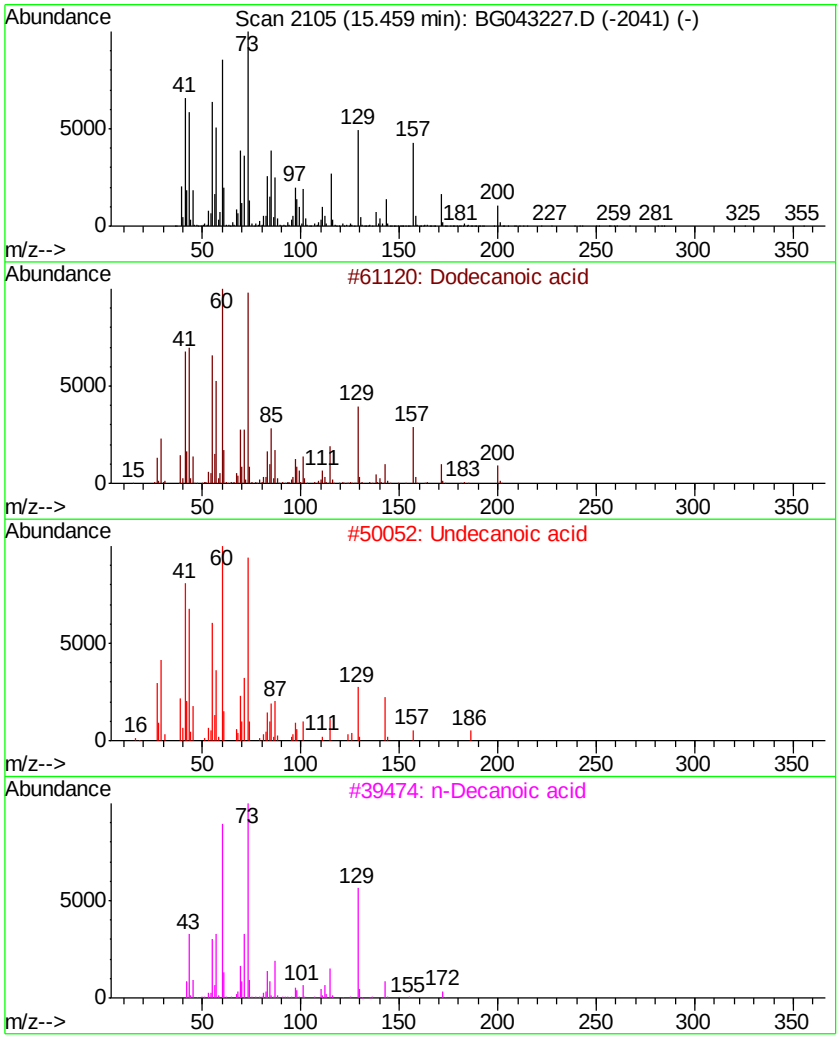
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

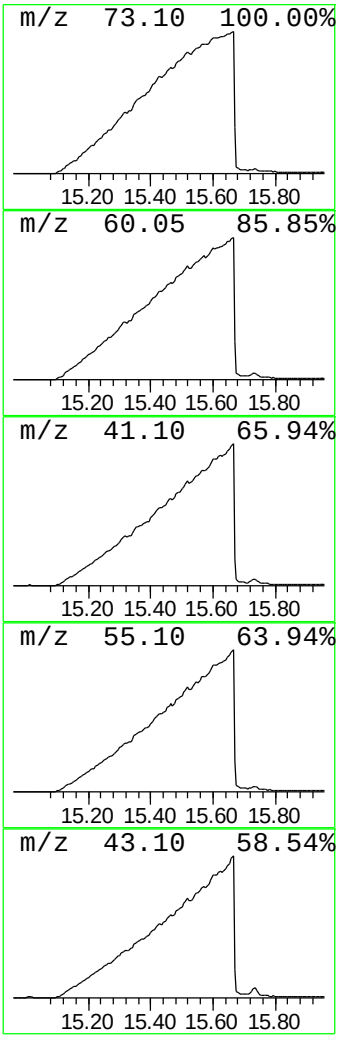
****

Peak Number 4 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	410.60 ng	159140000	Acenaphthene-d10	14.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	99
2	Undecanoic acid	186	C11H22O2	000112-37-8	45
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35
5	Nonanoic acid	158	C9H18O2	000112-05-0	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

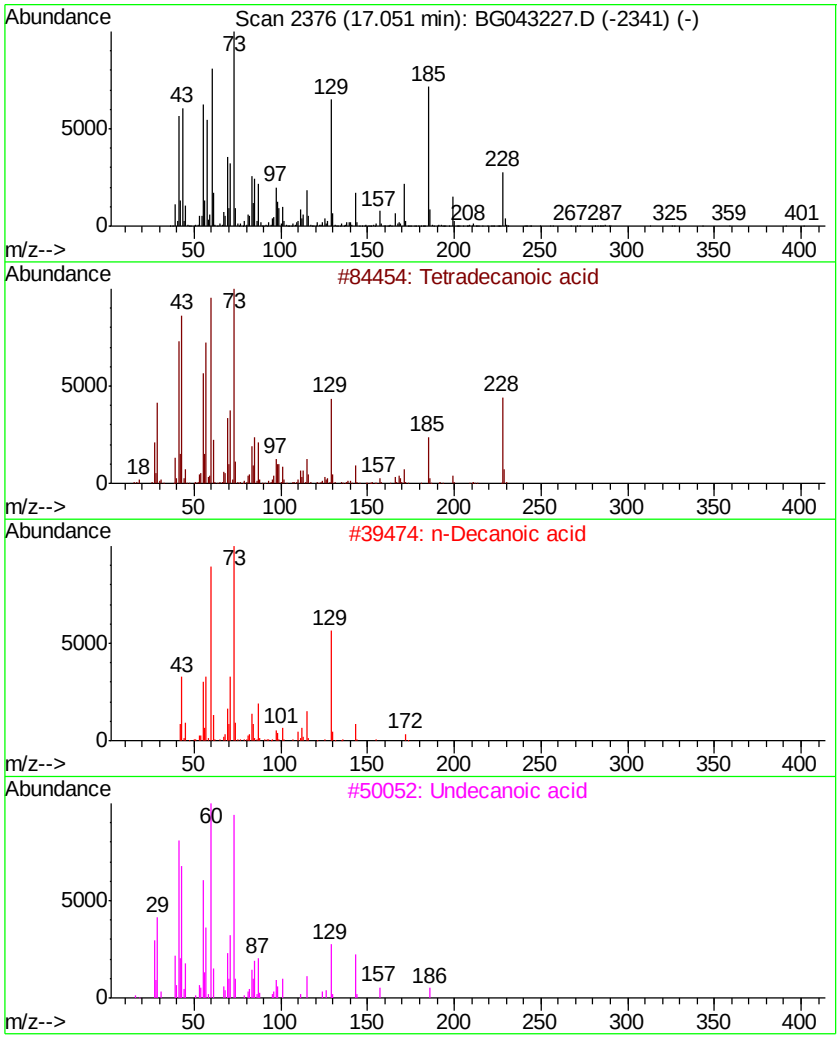
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

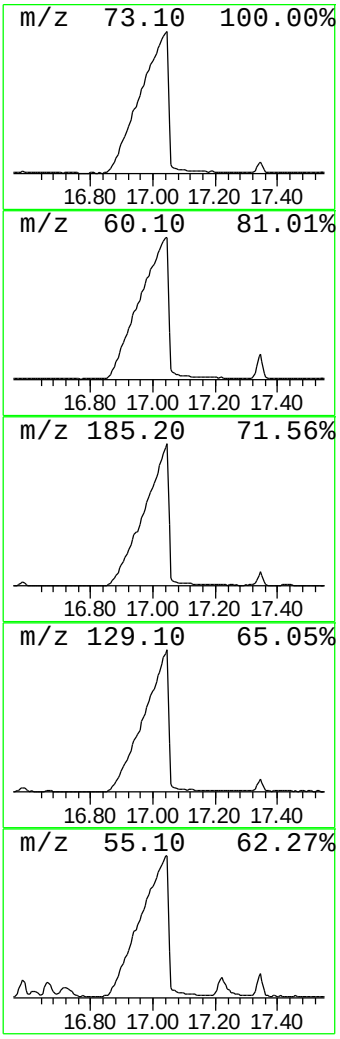
****

Peak Number 5 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	482.64 ng	93476800	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Undecanoic acid	186	C11H22O2	000112-37-8	49
4	Octanoic acid	144	C8H16O2	000124-07-2	22
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	15





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Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

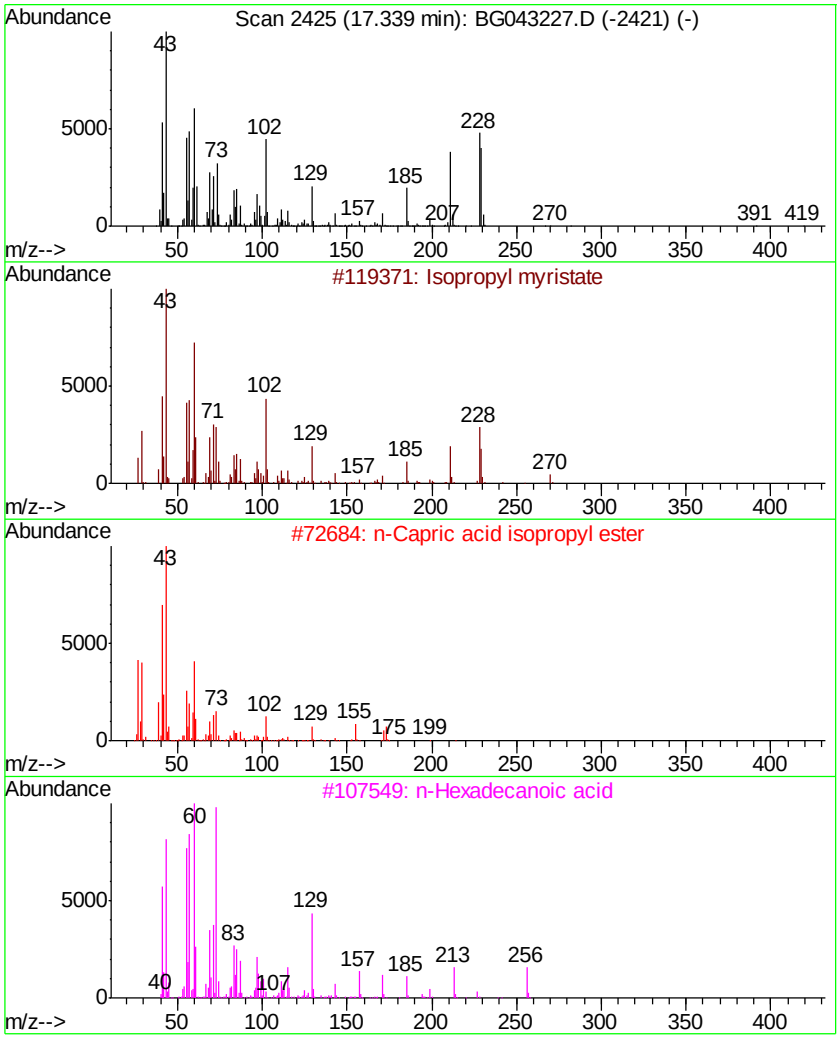
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

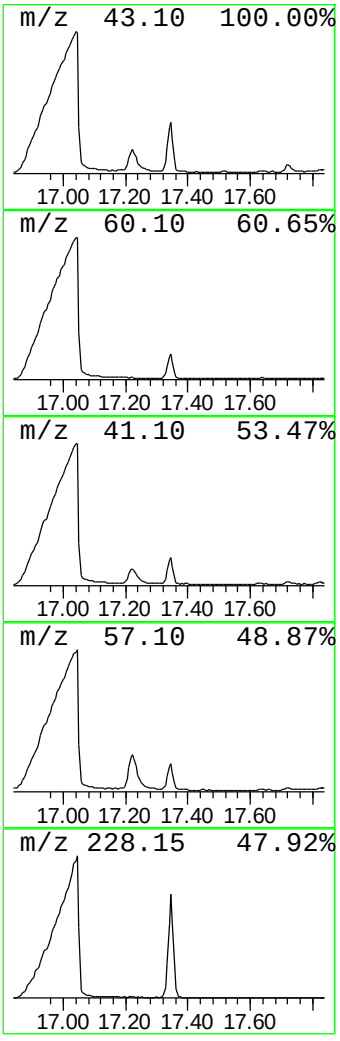
****

Peak Number 6 Isopropyl myristate Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	20.00 ng	3873600	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl myristate	270	C17H34O2	000110-27-0	91
2	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	27
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	25
4	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	16
5	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	16





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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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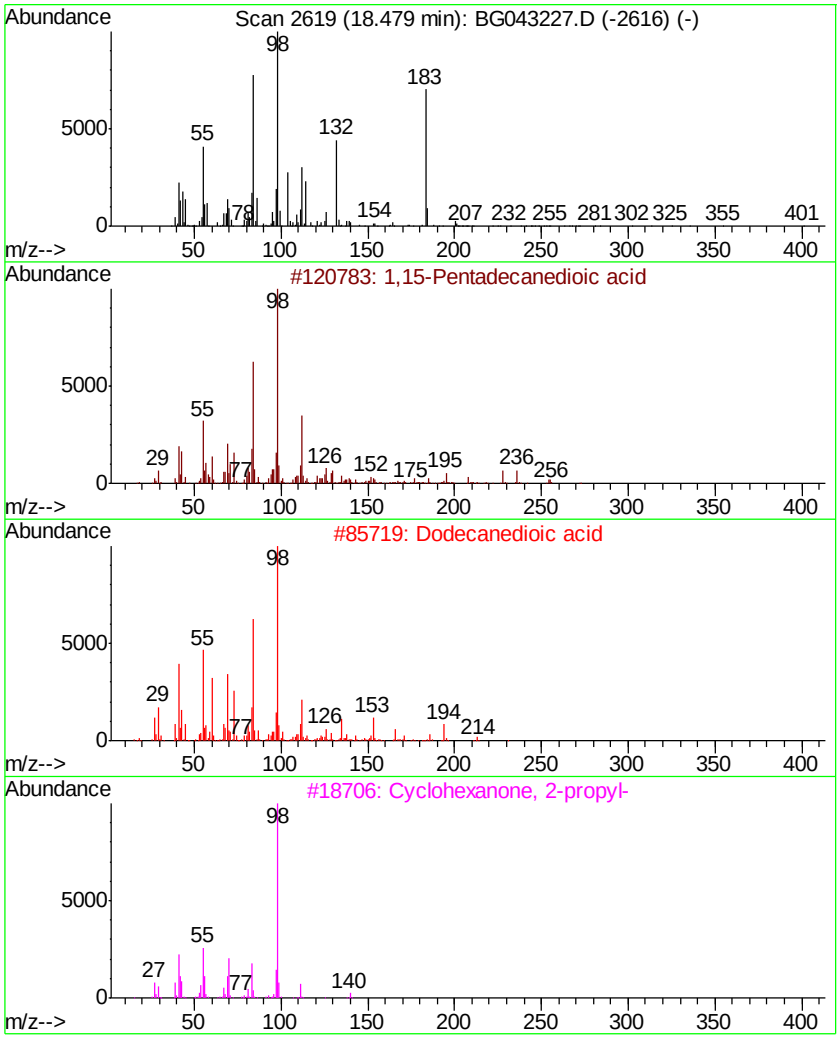
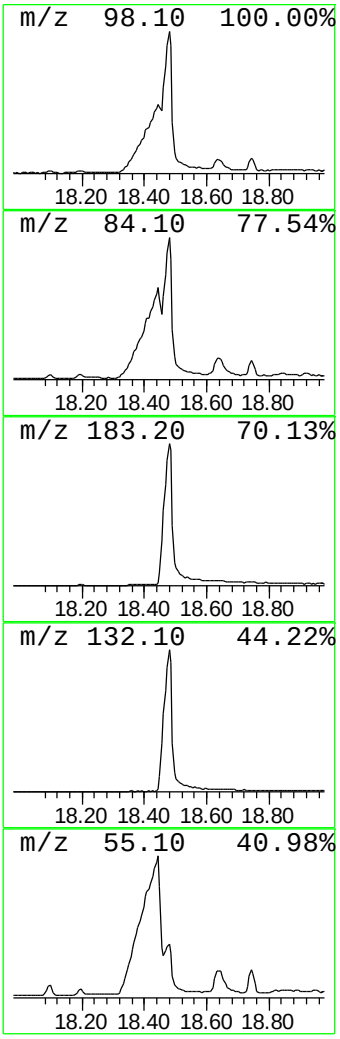
Peak Number 7 unknown18.48 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	37.65 ng	7291600	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,15-Pentadecanedioic acid	272	C15H28O4	001460-18-0	46
2	Dodecanedioic acid	230	C12H22O4	000693-23-2	43
3	Cyclohexanone, 2-propyl-	140	C9H16O	000094-65-5	25
4	3H-Pyrazol-3-one, 2,4-dihydro-5-...	98	C4H6N2O	000108-26-9	15
5	Cyclopentanone, 2-(1-methylpropyl)-	140	C9H16O	006376-92-7	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

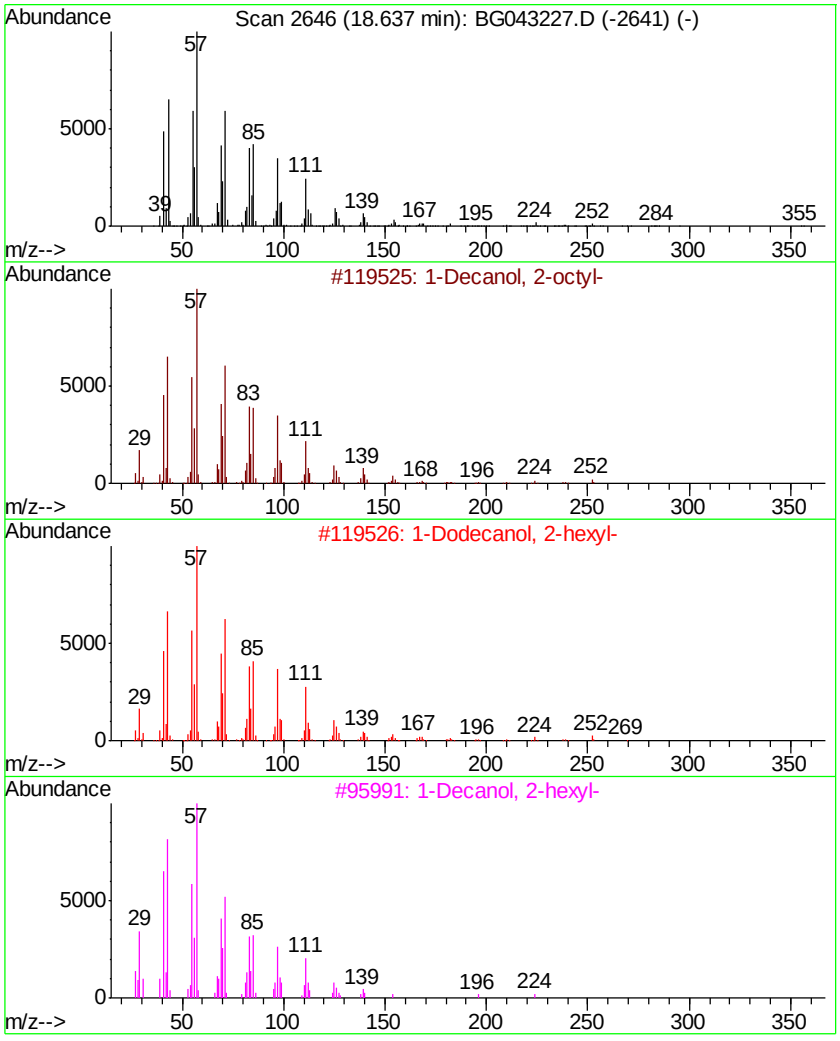
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

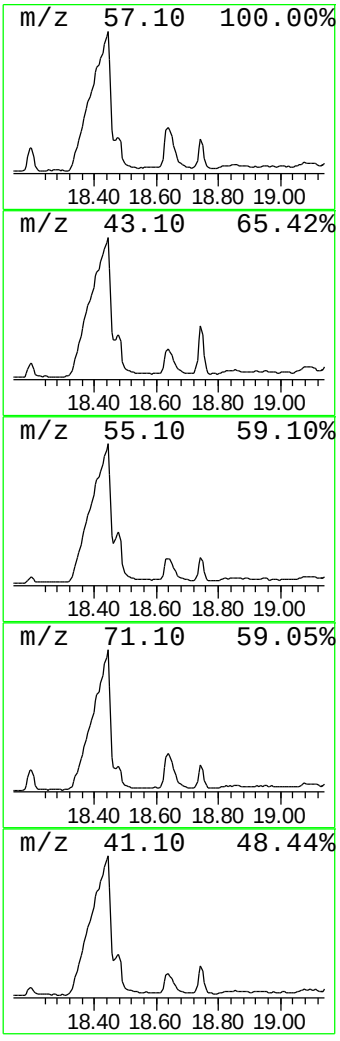
****

Peak Number 8 1-Decanol, 2-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	20.30 ng	3931700	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	94
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	94
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	91
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	91
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

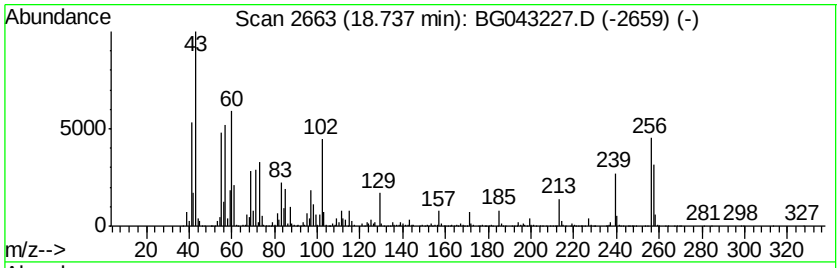
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

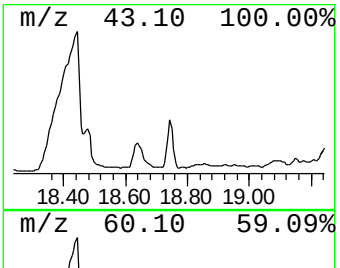
****

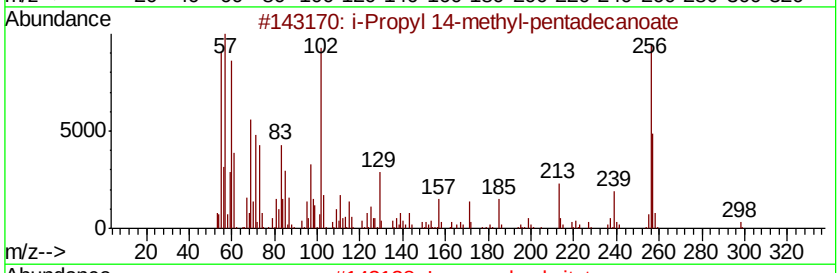
Peak Number 9 i-Propyl 14-methyl-pentadec... Concentration Rank 19

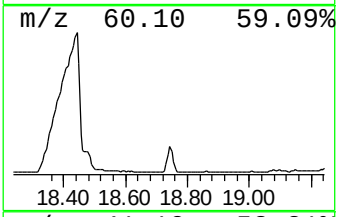
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	19.83 ng	3841070	Phenanthrene-d10	17.43

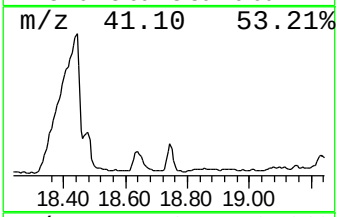
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	90
2	Isopropyl palmitate	298	C19H38O2	000142-91-6	58
3	Isopropyl myristate	270	C17H34O2	000110-27-0	43
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	41
5	Nonanoic acid, 1-methylethyl ester	200	C12H24O2	028267-32-5	35

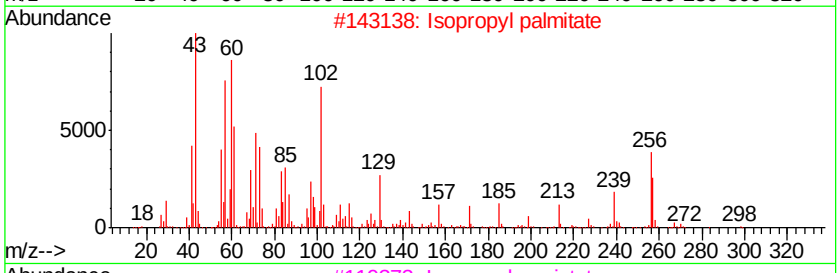


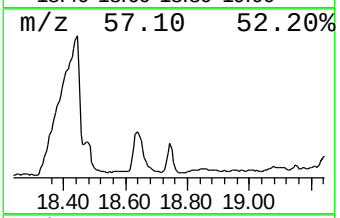


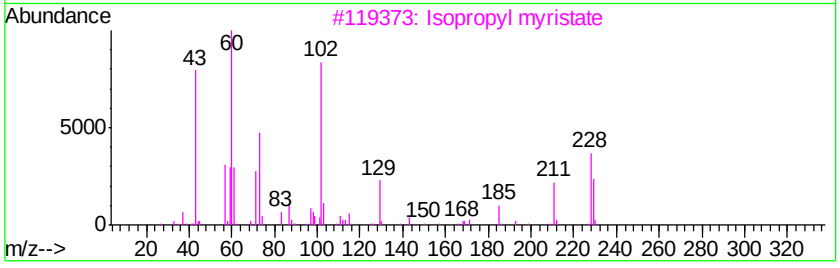


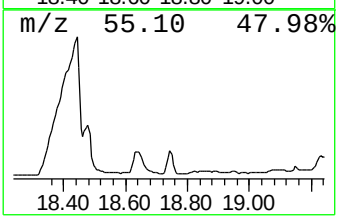












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

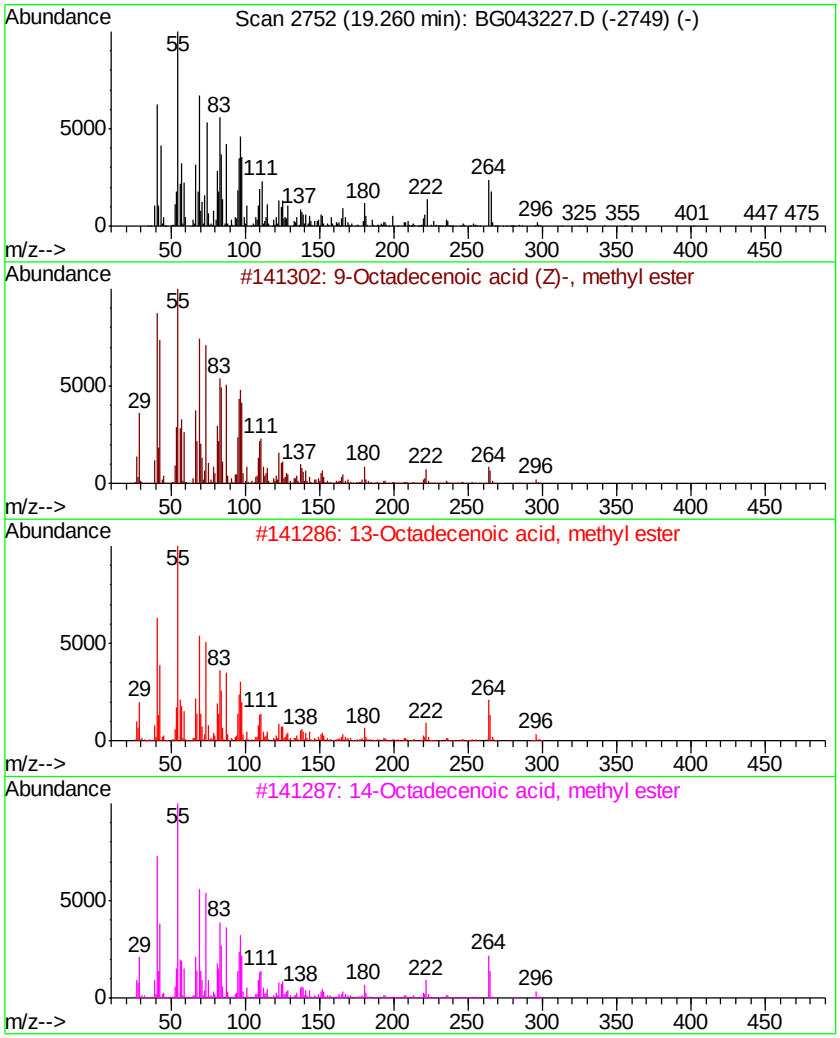
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

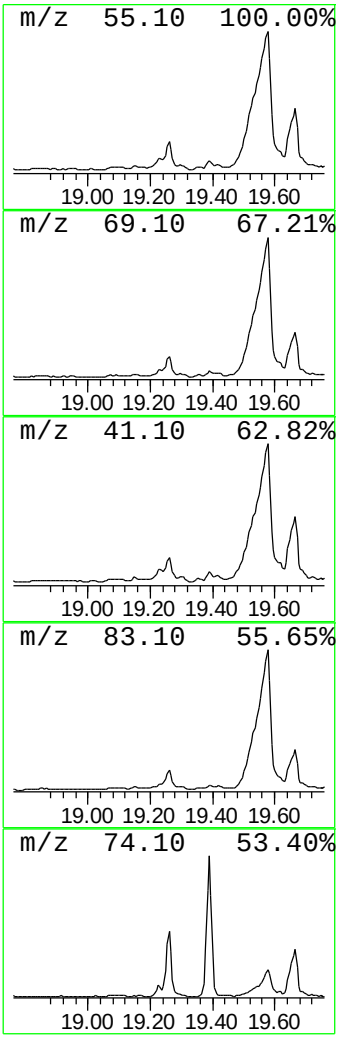
****

Peak Number 10 9-Octadecenoic acid (Z)-, m... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	20.45 ng	3961200	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
4	6-Octadecenoic acid, methyl ester	296	C19H36O2	052355-31-4	97
5	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	97





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EFF-WASTE-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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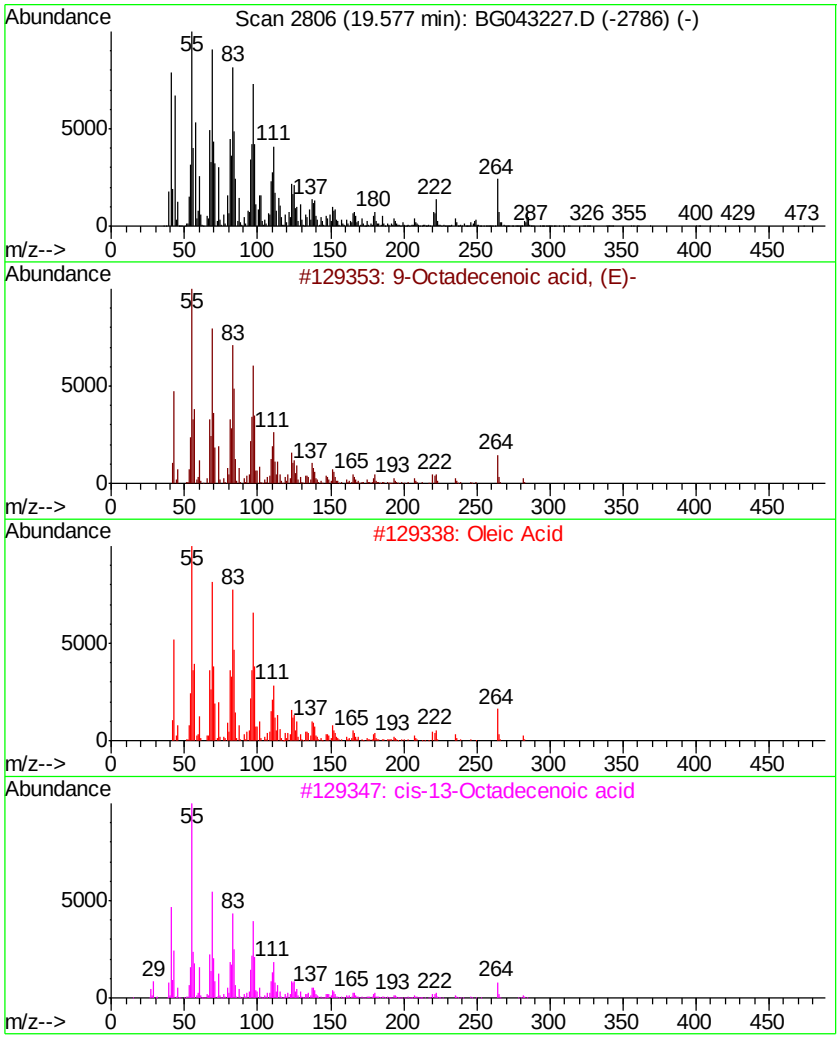
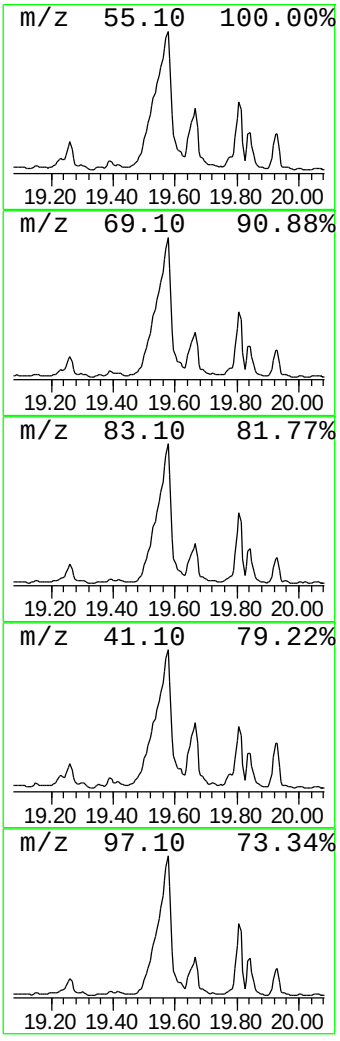
Peak Number 11 9-Octadecenoic acid, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.58	443.10 ng	75554400	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	98
2	Oleic Acid	282	C18H34O2	000112-80-1	98
3	cis-13-Octadecenoic acid	282	C18H34O2	013126-39-1	95
4	1-Nonadecene	266	C19H38	018435-45-5	95
5	cis-Vaccenic acid	282	C18H34O2	000506-17-2	94





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Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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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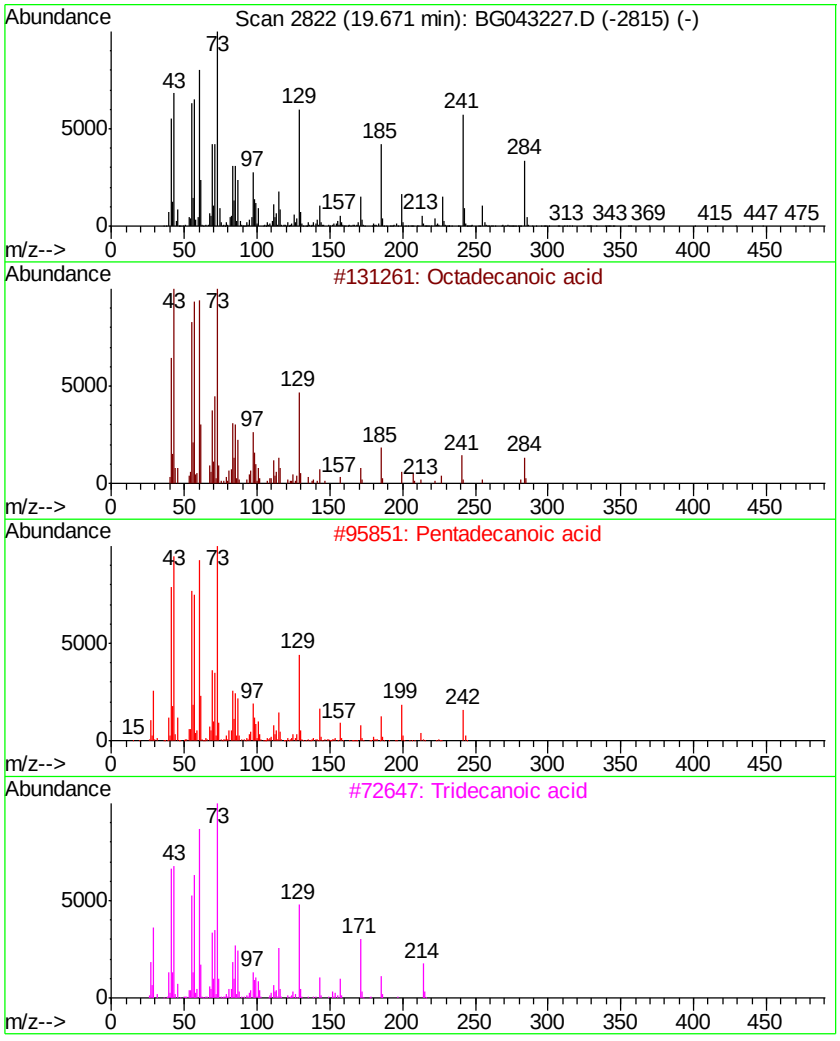
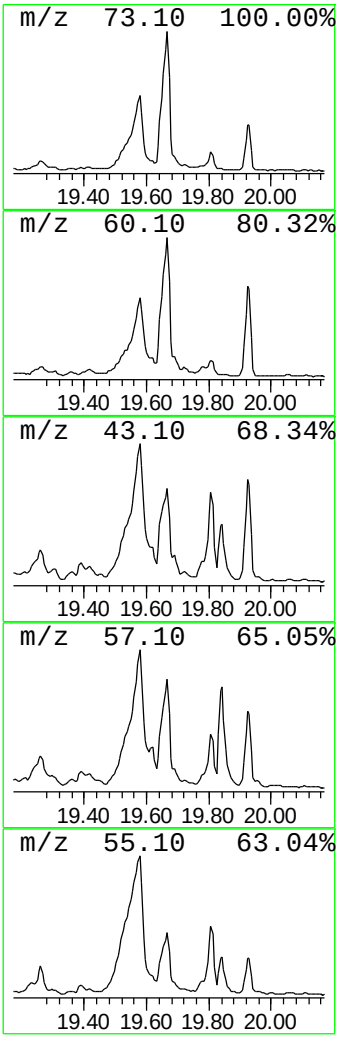
Peak Number 12 Pentadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	102.83 ng	17534500	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





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Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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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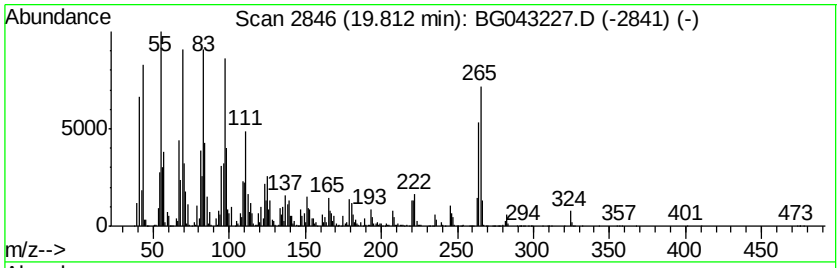
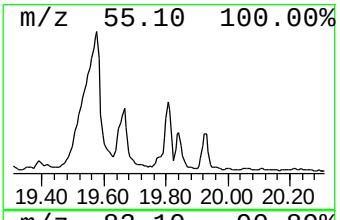
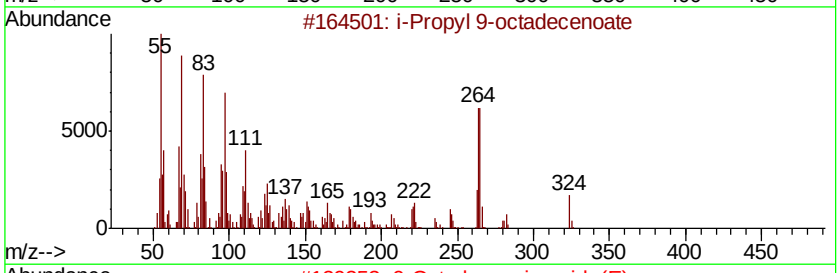
Peak Number 13 n-Propyl 9-octadecenoate Concentration Rank 5

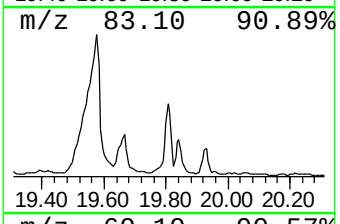
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.81	84.61 ng	14427900	Chrysene-d12	21.70

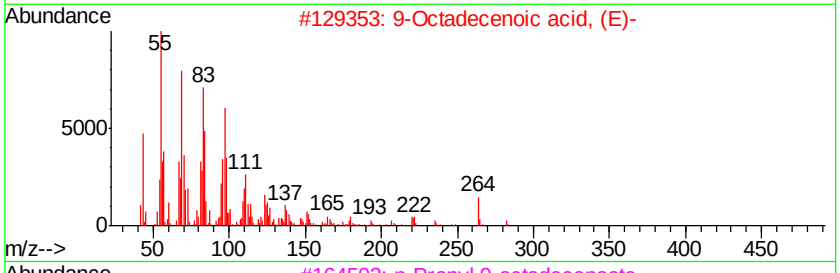
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	i-Propyl 9-octadecenoate	324	C21H40O2	1000336-67-1	98
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	93
3	n-Propyl 9-octadecenoate	324	C21H40O2	1000336-71-6	89
4	n-Propyl 11-octadecenoate	324	C21H40O2	1000336-71-7	87
5	Elaidic acid, isopropyl ester	324	C21H40O2	022147-34-8	83

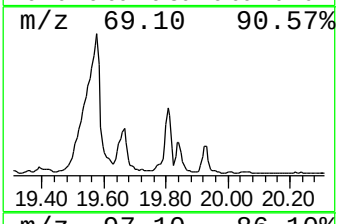


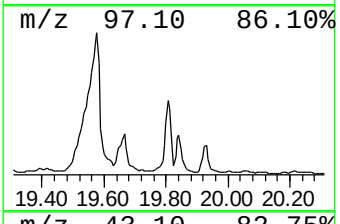


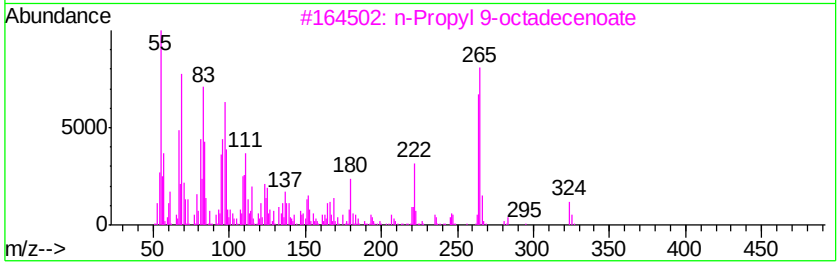


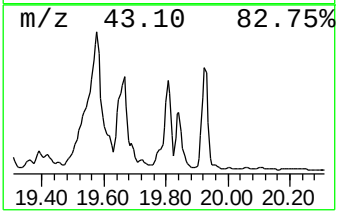












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Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

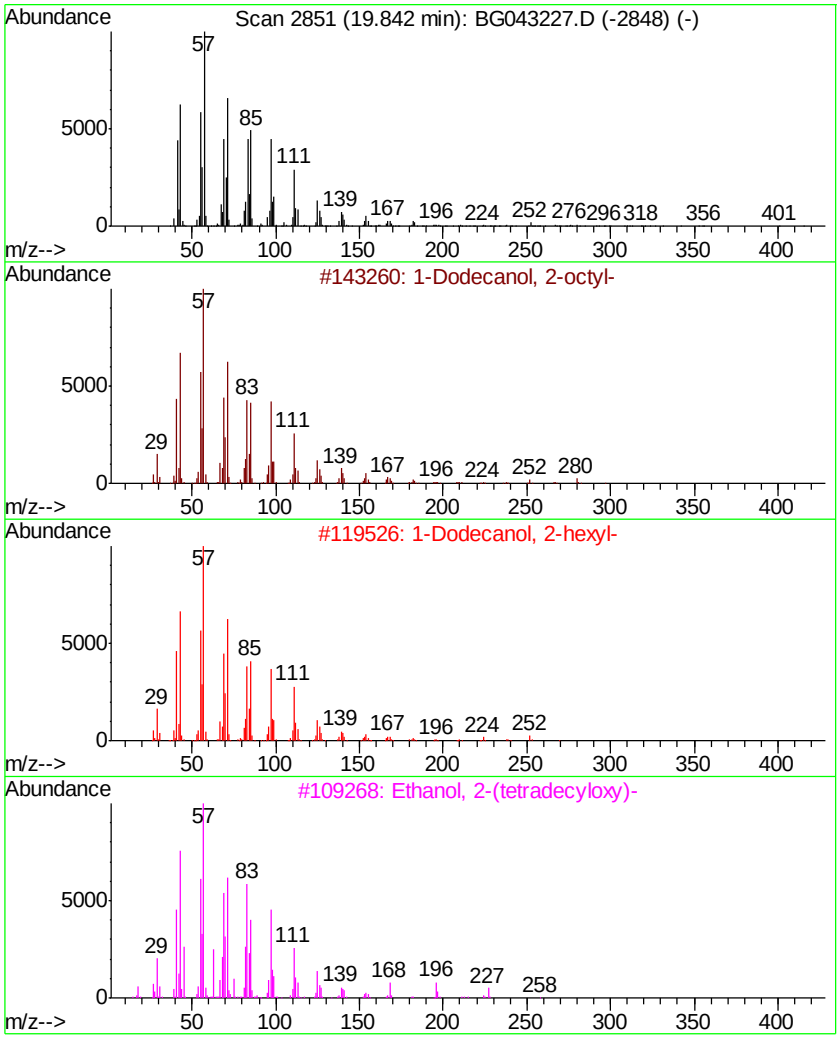
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

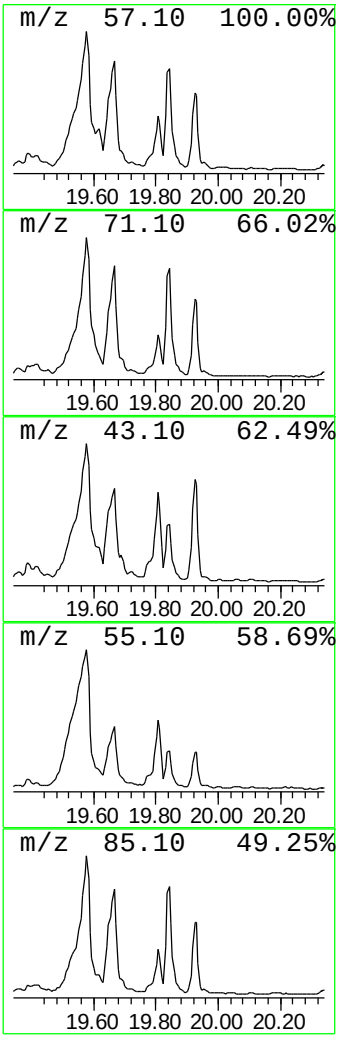
****

Peak Number 14 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	38.79 ng	6615030	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	94
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	91
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
5	Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	91





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Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

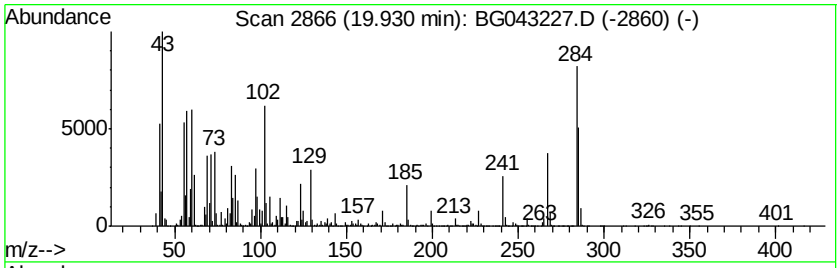
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

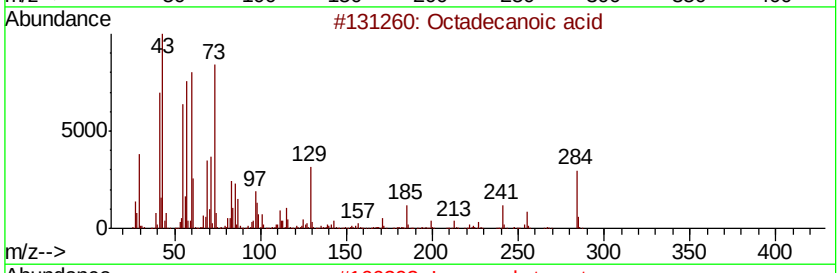
****

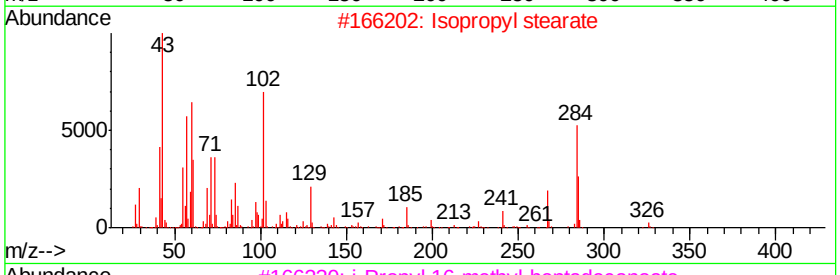
Peak Number 15 Isopropyl stearate Concentration Rank 6

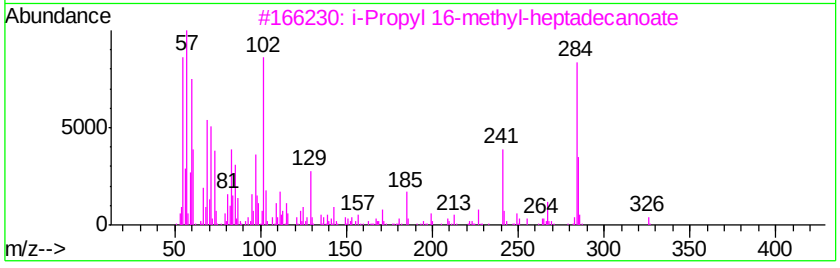
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	63.85 ng	10887200	Chrysene-d12	21.70

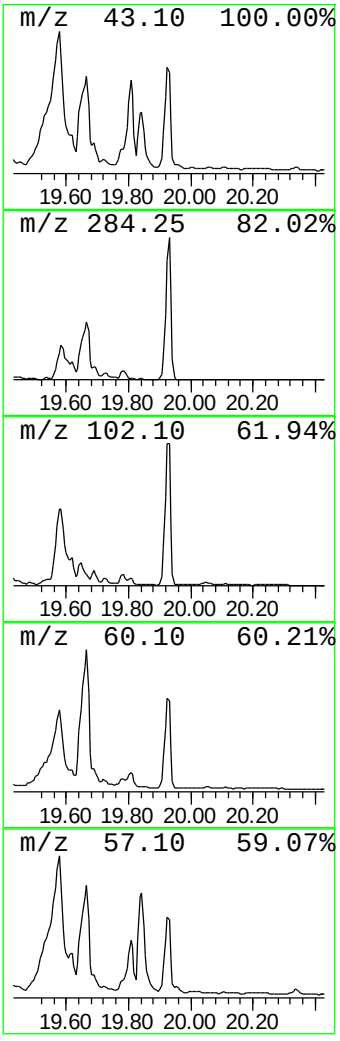
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	78
2	Isopropyl stearate	326	C21H42O2	000112-10-7	74
3	i-Propyl 16-methyl-heptadecanoate	326	C21H42O2	1000336-66-3	43
4	Isopropyl palmitate	298	C19H38O2	000142-91-6	35
5	Acenaphtho[1,2-b]quinoxaline, 9-...	284	C19H12N2O	026832-43-9	16











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Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-WATER

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

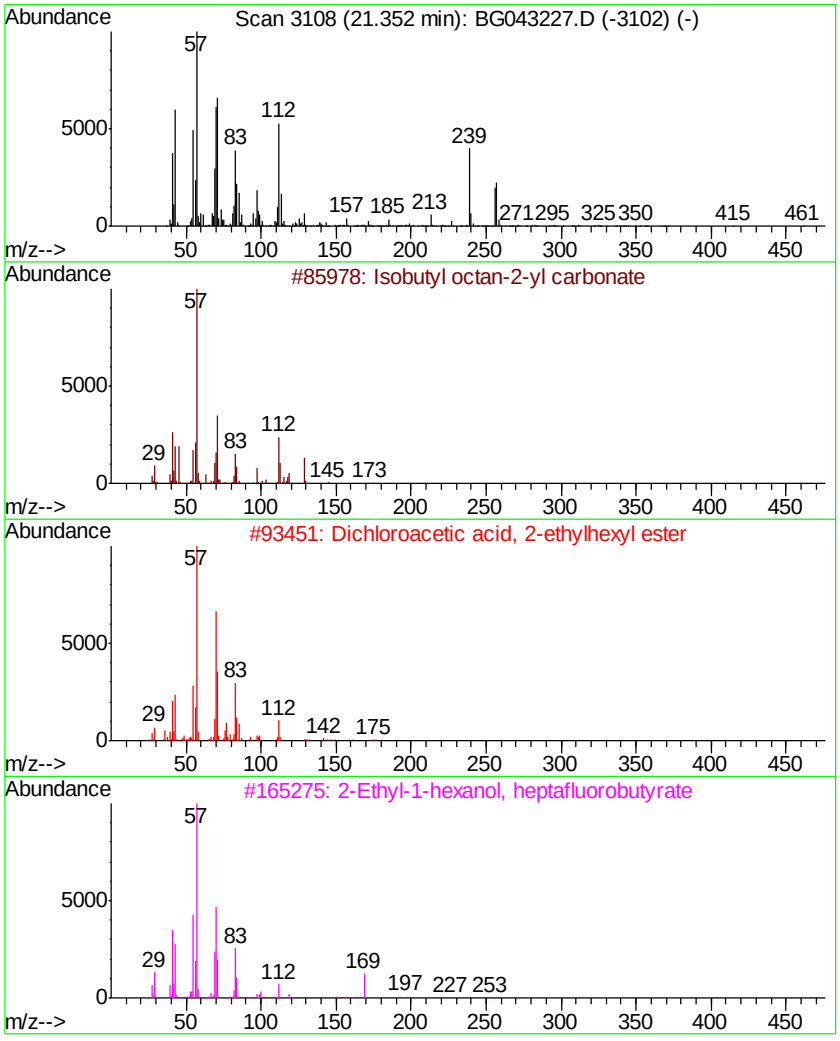
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

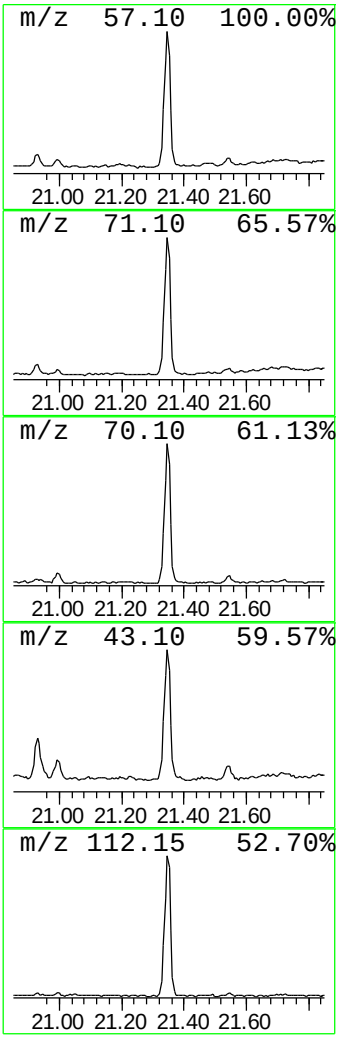
****

Peak Number 16 Isobutyl octan-2-yl carbonate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	20.00 ng	3410260	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutyl octan-2-yl carbonate	230	C13H26O3	1000372-74-7	53
2	Dichloroacetic acid, 2-ethylhexy...	240	C10H18Cl2O2	068144-72-9	47
3	2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	43
4	Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	30
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	30





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Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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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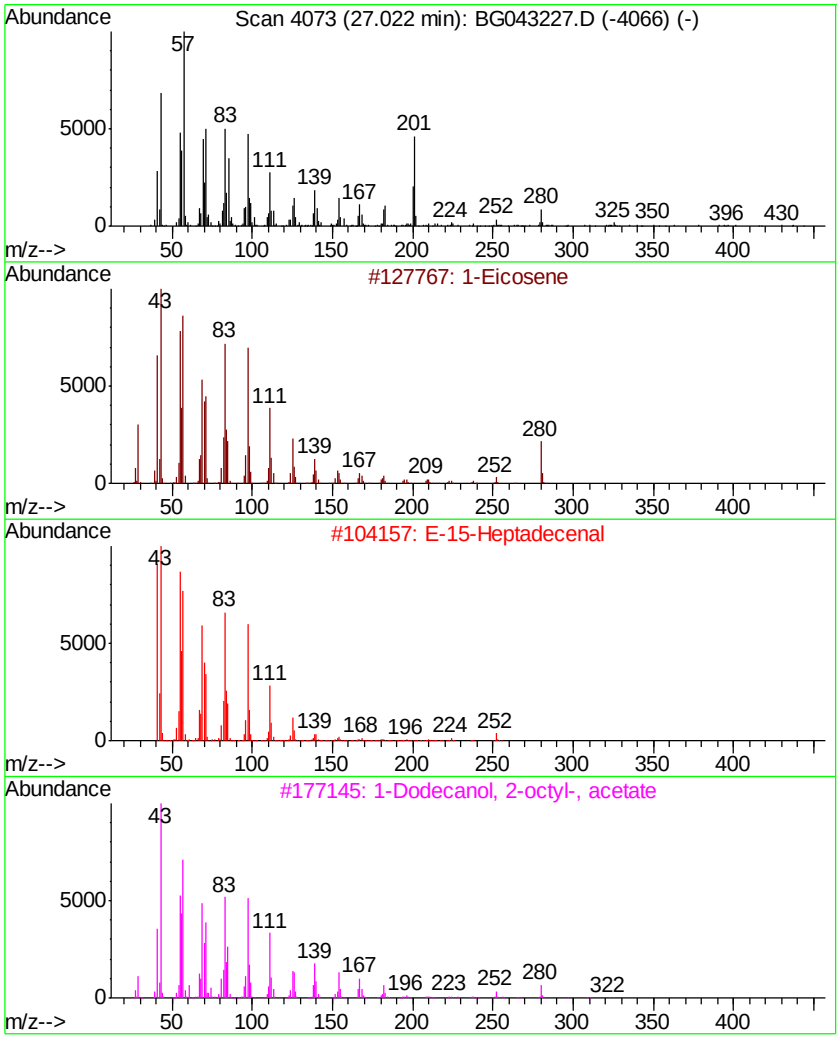
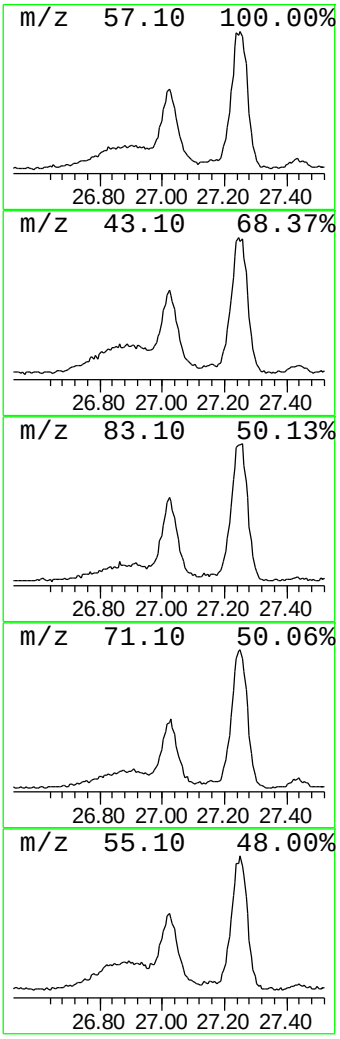
Peak Number 17 1-Eicosene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.02	19.64 ng	2730680	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	95
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	64
3	1-Dodecanol, 2-octyl-, acetate	340	C22H44O2	074051-84-6	60
4	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	58
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	58





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Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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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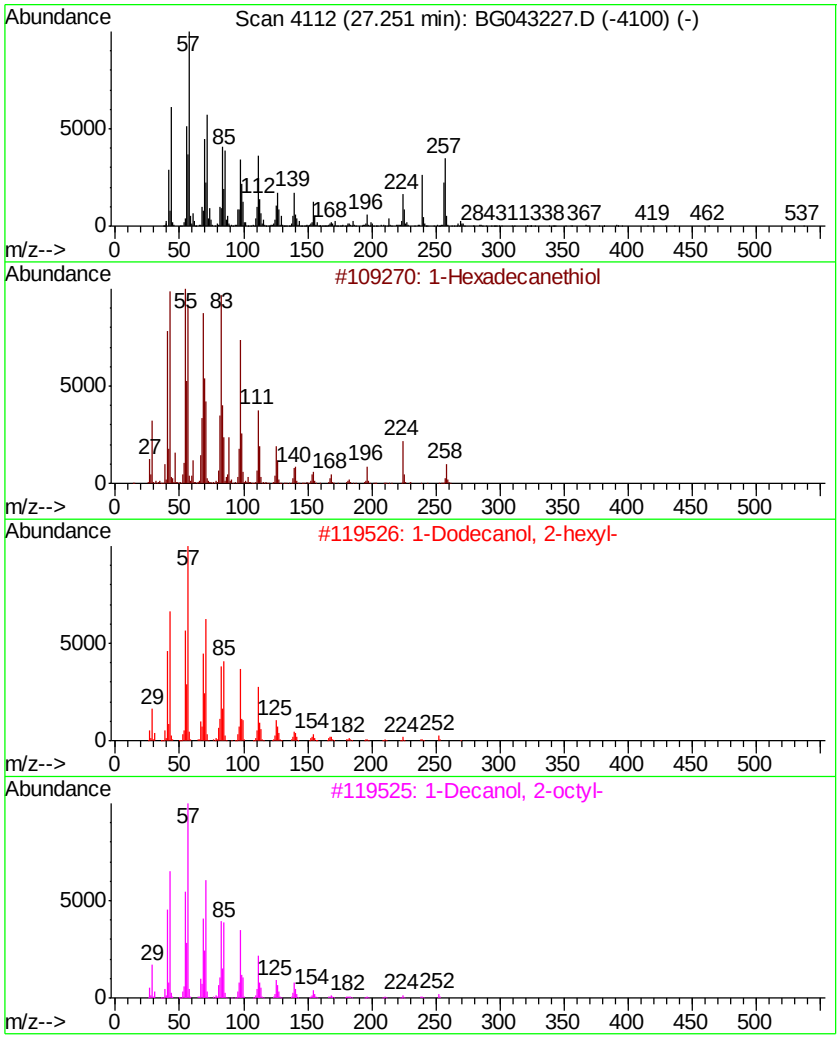
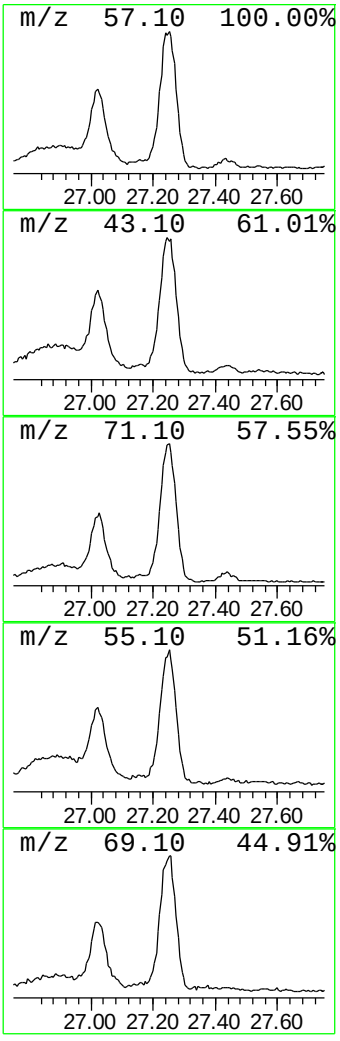
Peak Number 18 1-Hexadecanethiol Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.25	36.29 ng	5044160	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecanethiol	258	C16H34S	002917-26-2	86
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	64
3	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	58
4	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	52
5	Trichloroacetic acid, 4-hexadecy...	386	C18H33Cl3O2	1000282-92-4	46





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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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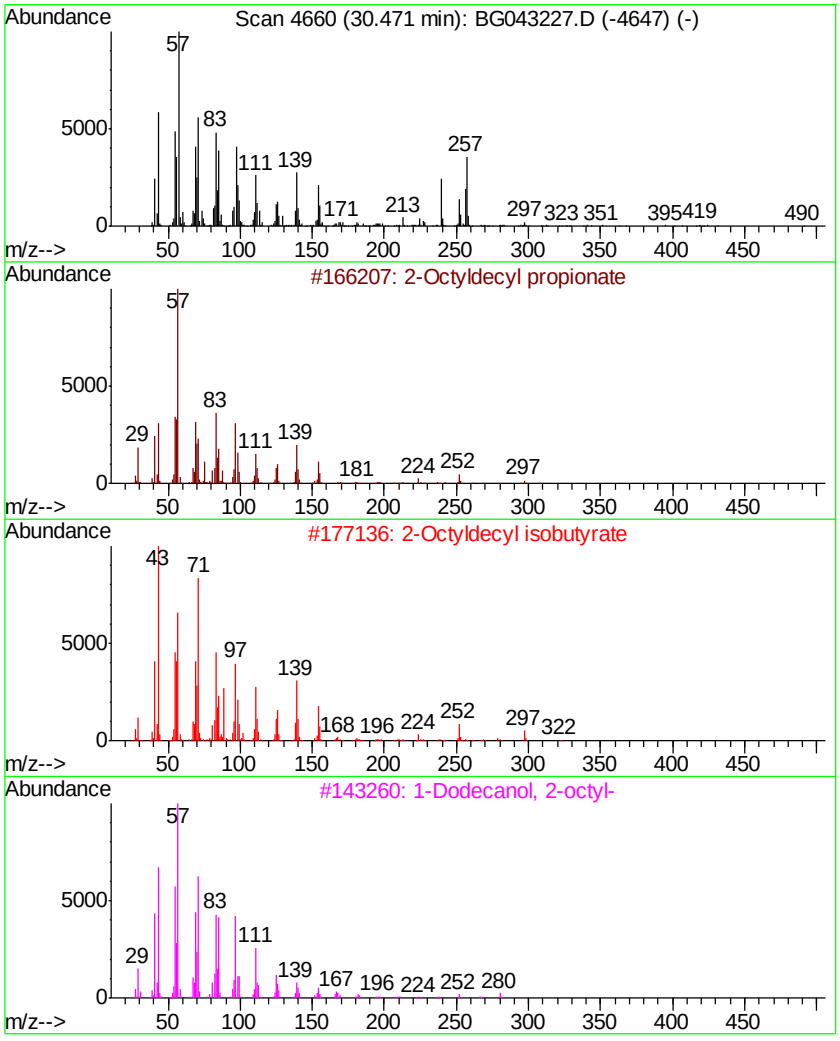
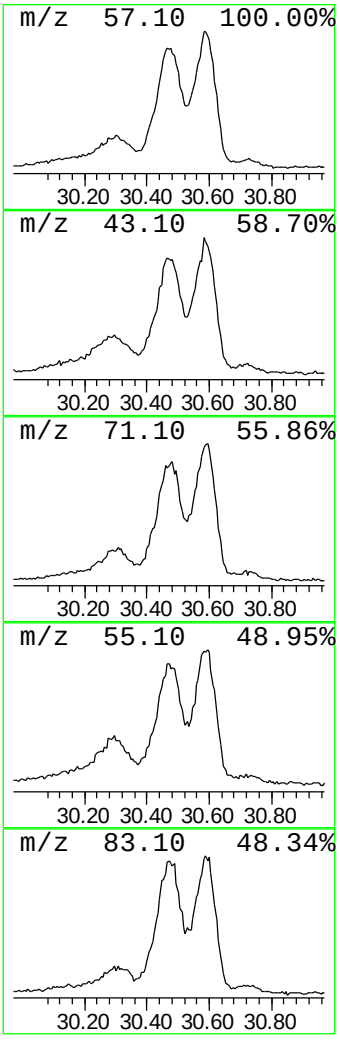
Peak Number 19 2-Octyldecyl propionate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.47	33.40 ng	4642810	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octyldecyl propionate	326	C21H42O2	1000368-56-3	70
2	2-Octyldecyl isobutyrate	340	C22H44O2	1000368-56-4	70
3	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	64
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	64
5	2-Octyldecyl acetate	312	C20H40O2	1000368-55-8	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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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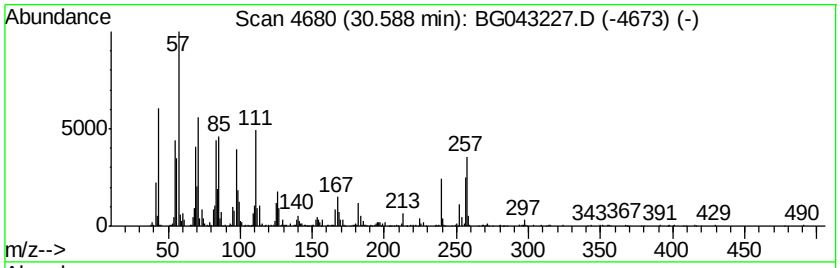
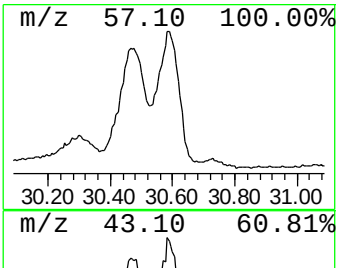
Peak Number 20 1-Dodecanol, 2-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.59	36.71 ng	5102230	Perylene-d12	24.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	62
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	58
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	58
4	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	49
5	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101519\
Data File : BG043227.D
Acq On : 15 Oct 2019 20:27
Operator : JU
Sample : K5301-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EFF-WASTE-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-Hexanol, 2-ethyl-	8.14	20.0	ng	10818800	1	8.05	10818800	20.0
Octanoic acid	10.69	20.0	ng	29346300	2	10.86	29346300	20.0
Dodecanoic acid, ...	14.79	20.0	ng	7751580	3	14.68	7751580	20.0
Dodecanoic acid	15.46	410.6	ng	159140000	3	14.68	7751580	20.0
Tetradecanoic acid	17.05	482.6	ng	93476800	4	17.43	3873600	20.0
Isopropyl myristate	17.34	20.0	ng	3873600	4	17.43	3873600	20.0
unknown18.48	18.48	37.6	ng	7291600	4	17.43	3873600	20.0
1-Decanol, 2-octyl-	18.64	20.3	ng	3931700	4	17.43	3873600	20.0
i-Propyl 14-methy...	18.74	19.8	ng	3841070	4	17.43	3873600	20.0
9-Octadecenoic ac...	19.26	20.4	ng	3961200	4	17.43	3873600	20.0
9-Octadecenoic ac...	19.58	443.1	ng	75554400	5	21.70	3410260	20.0
Pentadecanoic acid	19.67	102.8	ng	17534500	5	21.70	3410260	20.0
n-Propyl 9-octade...	19.81	84.6	ng	14427900	5	21.70	3410260	20.0
Ethanol, 2-(tetra...	19.84	38.8	ng	6615030	5	21.70	3410260	20.0
Isopropyl stearate	19.93	63.9	ng	10887200	5	21.70	3410260	20.0
Isobutyl octan-2-...	21.35	20.0	ng	3410260	5	21.70	3410260	20.0
1-Eicosene	27.02	19.6	ng	2730680	6	24.93	2780120	20.0
1-Hexadecanethiol	27.25	36.3	ng	5044160	6	24.93	2780120	20.0
2-Octyldecyl prop...	30.47	33.4	ng	4642810	6	24.93	2780120	20.0
1-Dodecanol, 2-he...	30.59	36.7	ng	5102230	6	24.93	2780120	20.0