LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

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-BG082520.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	3.129	3	7	20	rVB	77012	130021	1.02%	0.335%
2	5.515	407	413	424	rBV	157210	262518	2.06%	0.677%
3	7.101	676	683	699	rBV	150427	291965	2.29%	0.753%
4	7.929	817	824	832	rBV	291993	483672	3.80%	1.247%
5	9.081	1008	1020	1031	rBV	99726	196586	1.54%	0.507%
6	10.726	1291	1300	1318	rBV	394740	729187	5.73%	1.879%
7	13.182	1710	1718	1729	rBV	324957	533679	4.19%	1.376%
8	14.557	1945	1952	1960	rBV2	642879	1063468	8.35%	2.741%
9	16.044	2199	2205	2214	rBV	217869	349619	2.75%	0.901%
10	17.301	2413	2419	2424	rBV	772662	1199472	9.42%	3.092%
11	17.342	2424	2426	2432	rVB	116736	142417	1.12%	0.367%
12	17.982	2529	2535	2540	rBV	2615891	3223461	25.31%	8.308%
13	18.212	2570	2574	2585	rVB4	79201	166992	1.31%	0.430%
14	19.122	2721	2729	2732	rBV	9150797	12735884	100.00%	32.826%
15	19.157	2732	2735	2744	rVV2	7409818	9984522	78.40%	25.735%
16	19.228	2744	2747	2751	rVV2	98680	153155	1.20%	0.395%
17	19.281	2751	2756	2762	rVB	1714176	1907286	14.98%	4.916%
18	19.351	2763	2768	2777	rVV	209833	373542	2.93%	0.963%
19	19.716	2825	2830	2838	rVB	220238	409677	3.22%	1.056%
20	19.915	2859	2864	2869	rVB	635817	774575	6.08%	1.996%
21	20.374	2938	2942	2945	rBV	179449	221616	1.74%	0.571%
22	20.409	2945	2948	2953	rVB3	87075	131954	1.04%	0.340%
23	20.667	2988	2992	2998	rBV4	146945	204376	1.60%	0.527%
24	21.373	3108	3112	3116	rVB	141794	168618	1.32%	0.435%
25	21.549	3135	3142	3147	rBV2	833226	1447150	11.36%	3.730%
26	24.651	3663	3670	3694	rVB2	469529	1512543	11.88%	3.899%

Sum of corrected areas: 38797955

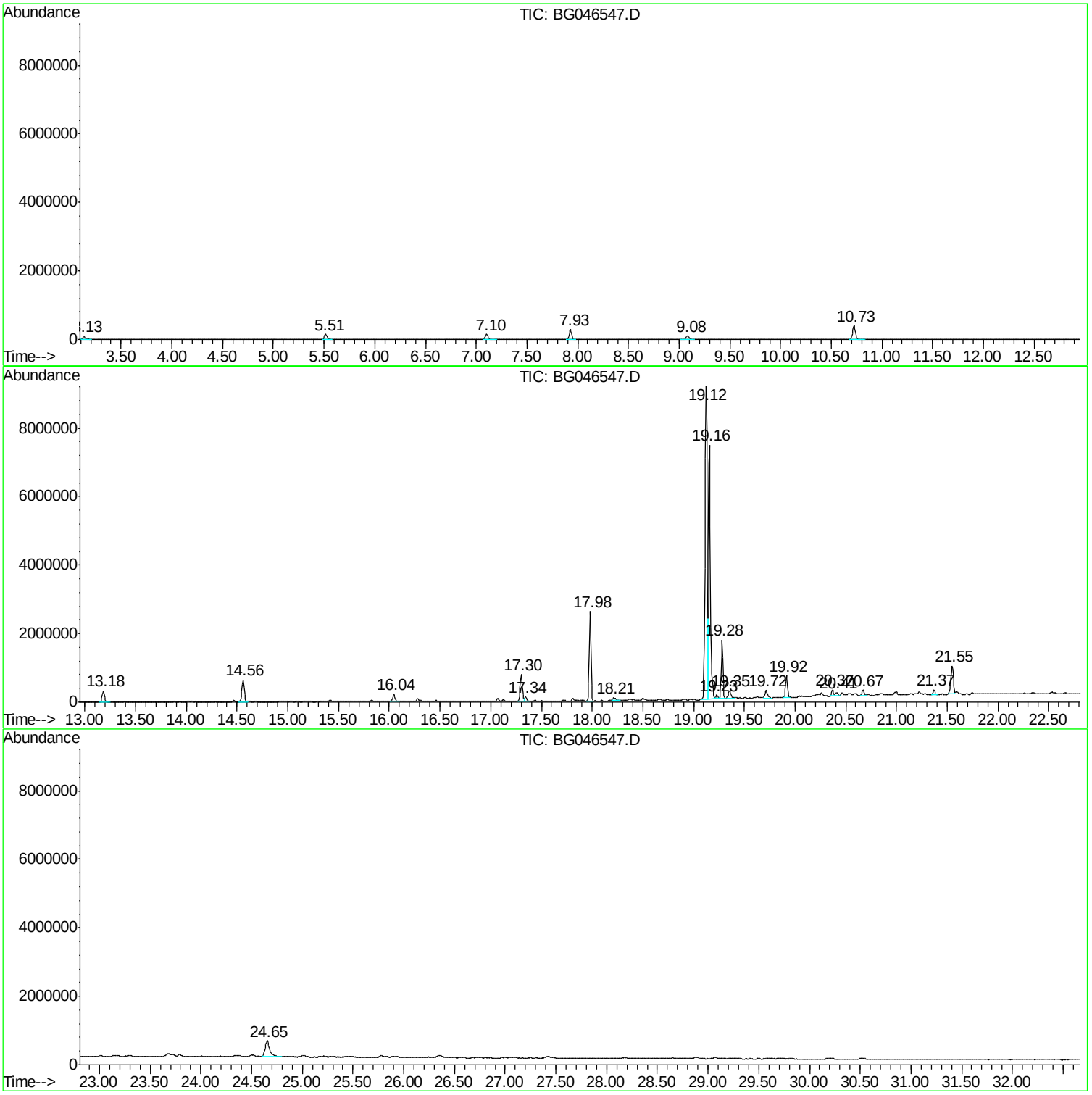
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.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\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

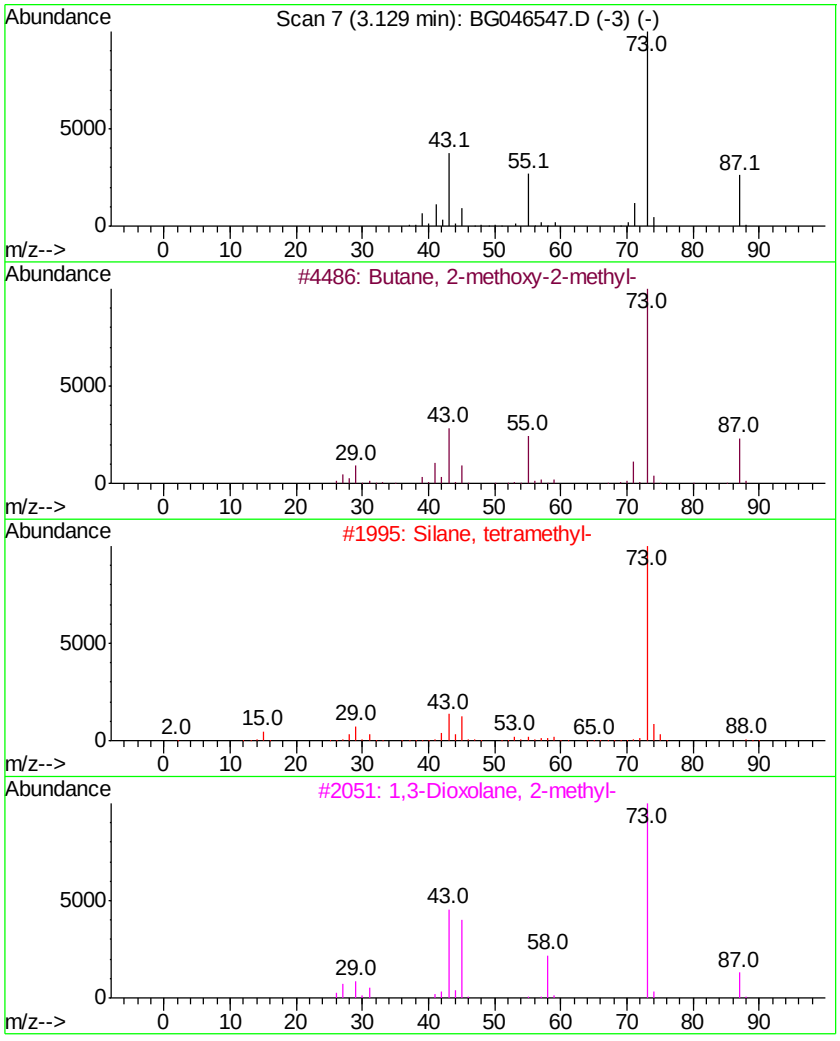
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

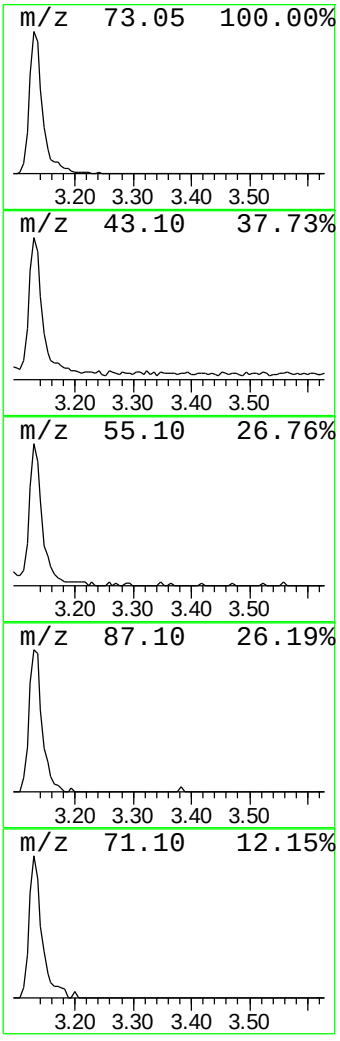
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	5.38 ng	130021	1,4-Dichlorobenzene-d4	7.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

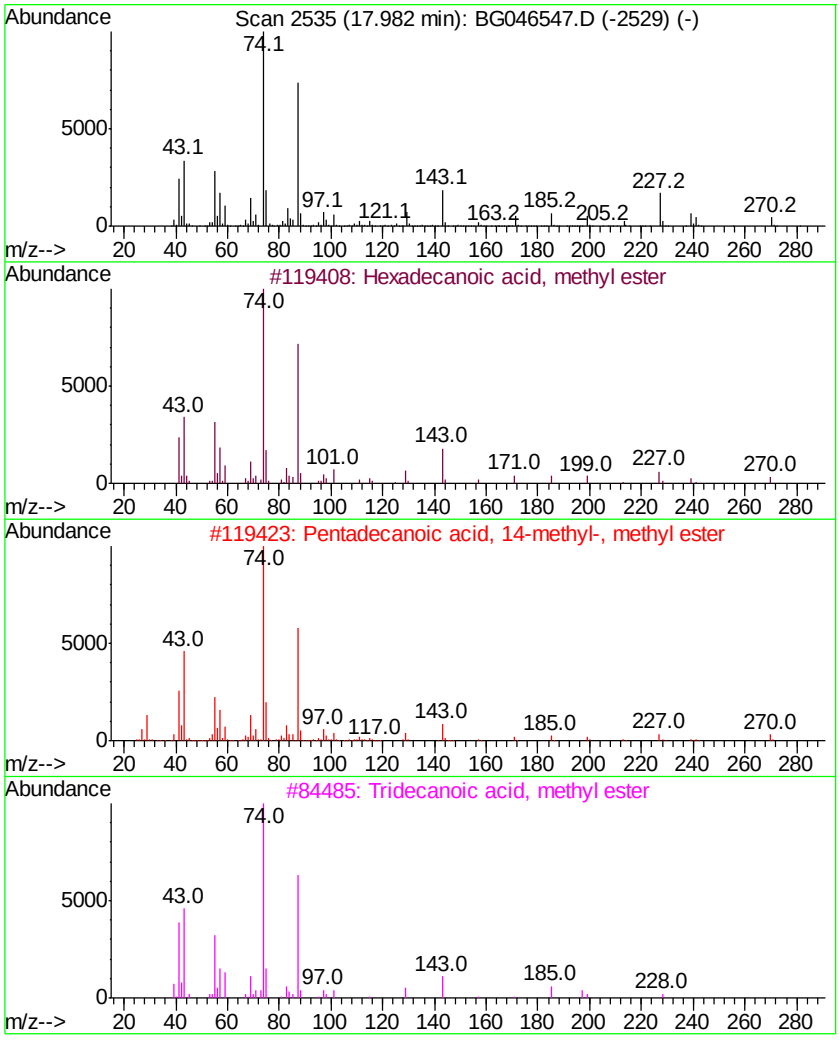
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

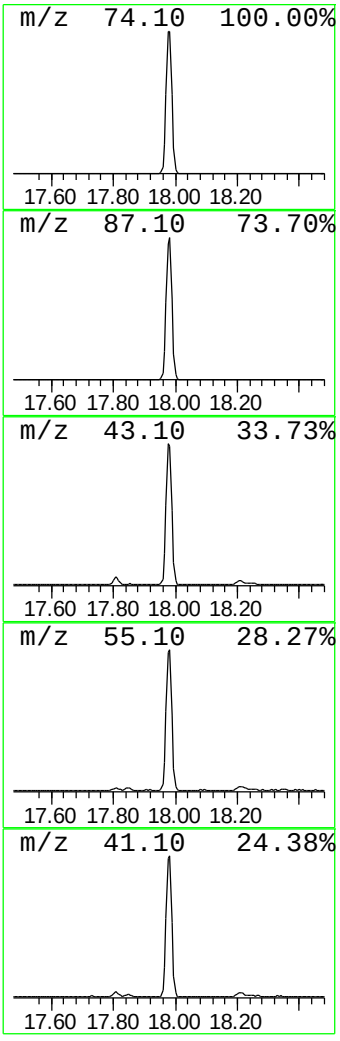
****

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	53.75 ng	3223460	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	97
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	95
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	95
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
5	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

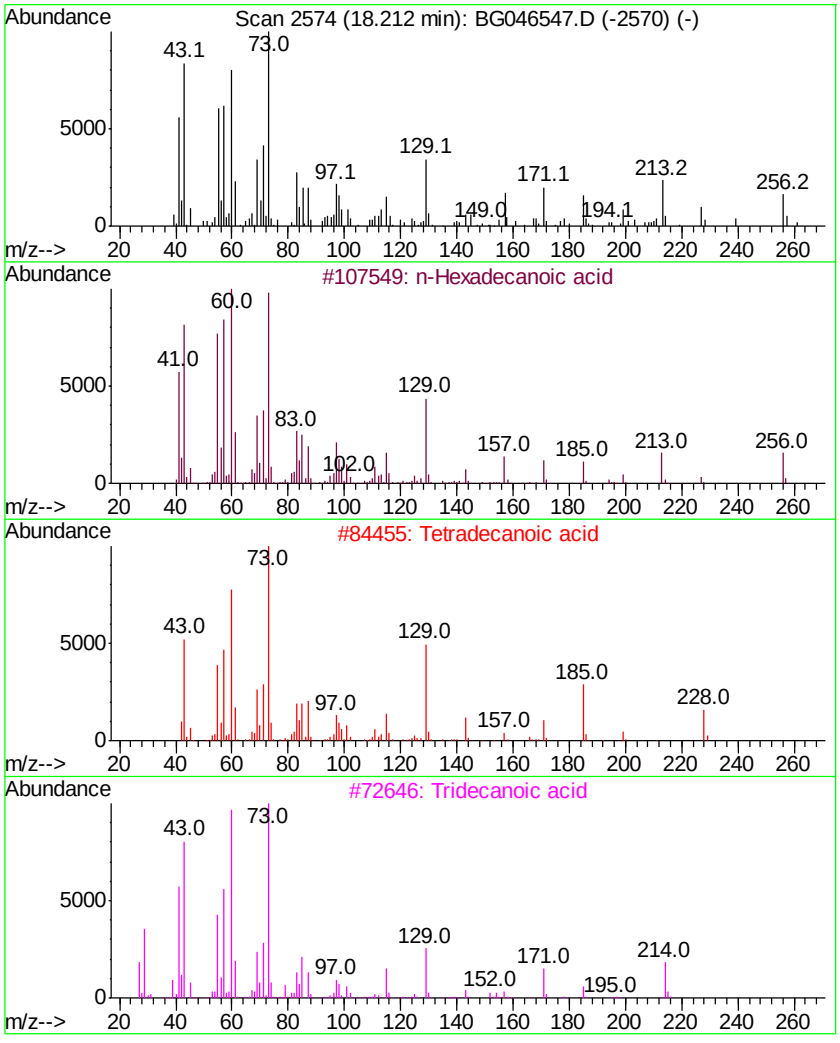
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

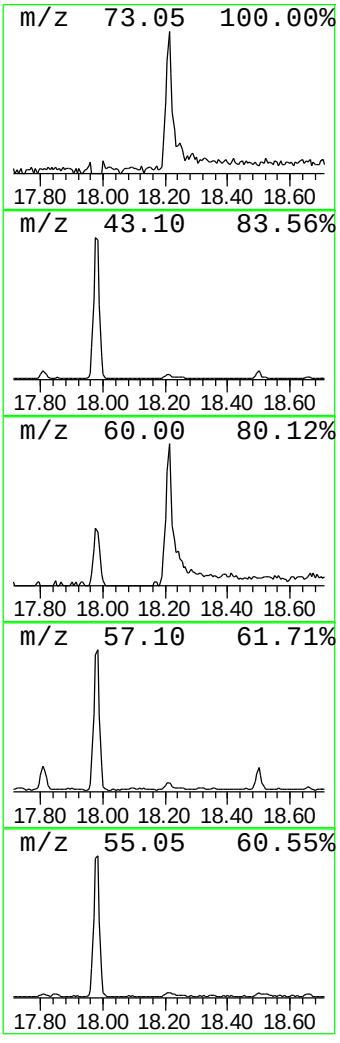
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	2.78 ng	166992	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

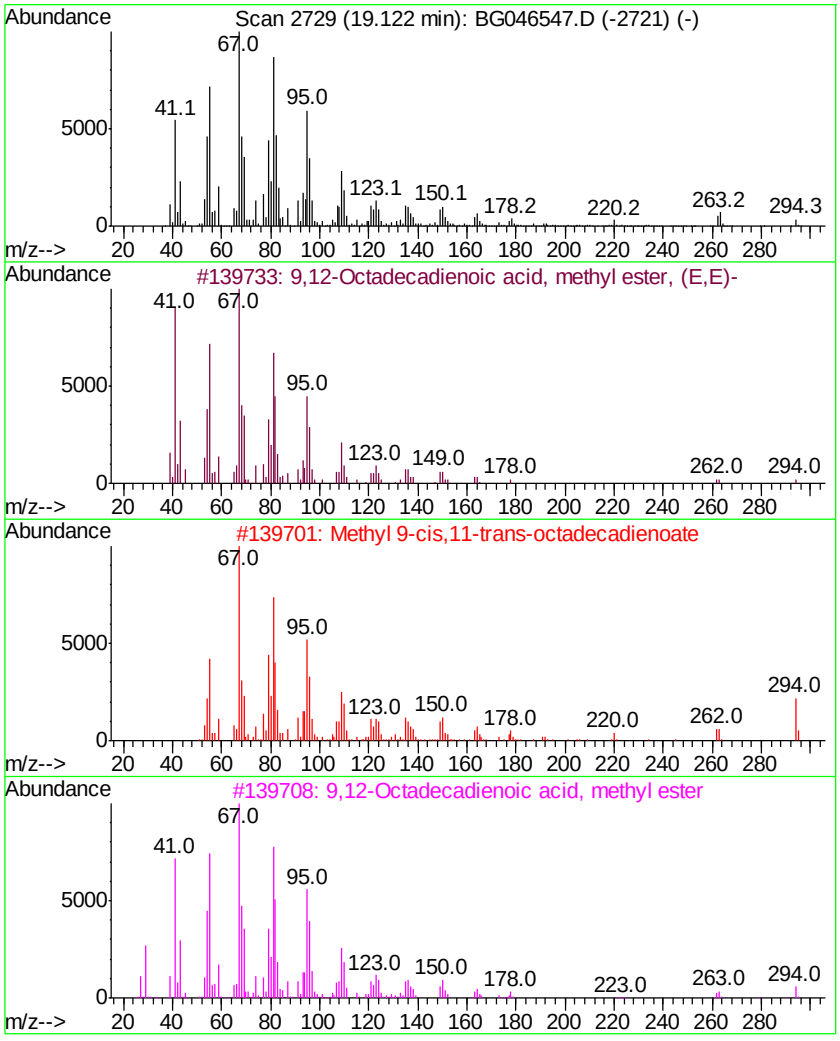
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

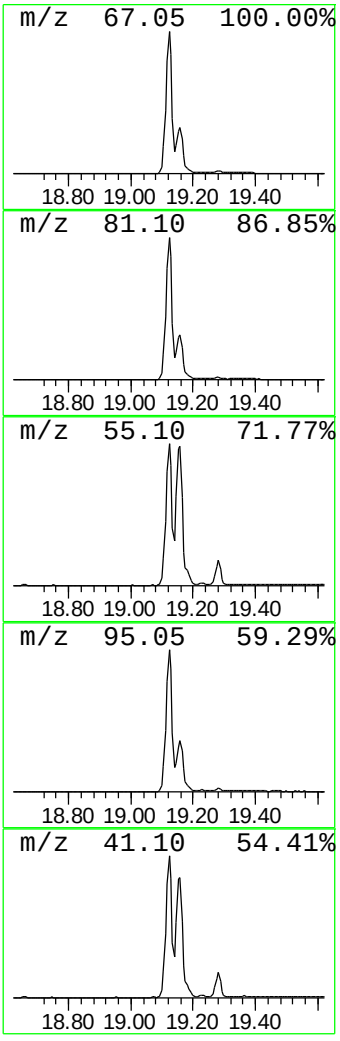
****

Peak Number 4 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	212.36 ng	12735900	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
4	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	98





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

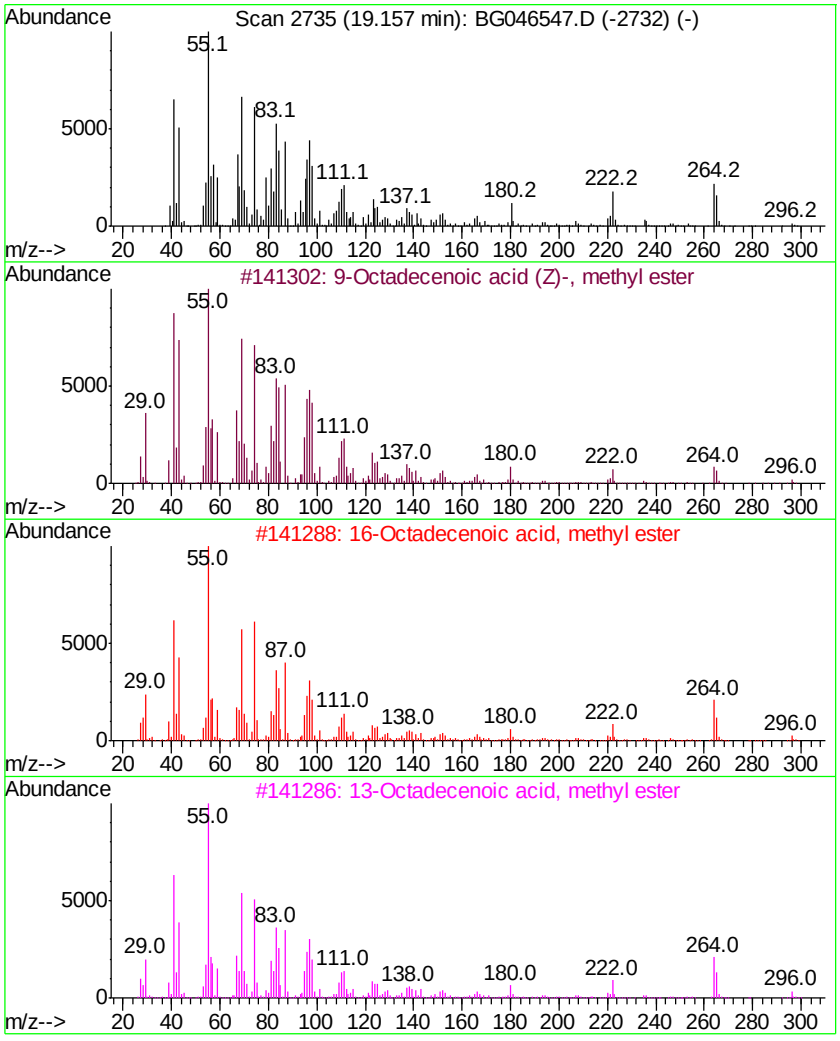
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

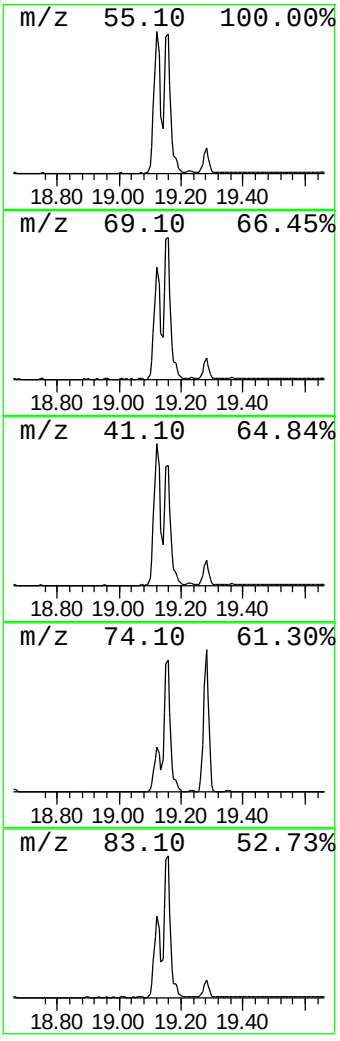
****

Peak Number 5 9-Octadecenoic acid (Z)-, m... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	166.48 ng	9984520	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	98
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	96
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
5	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1000333-58-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

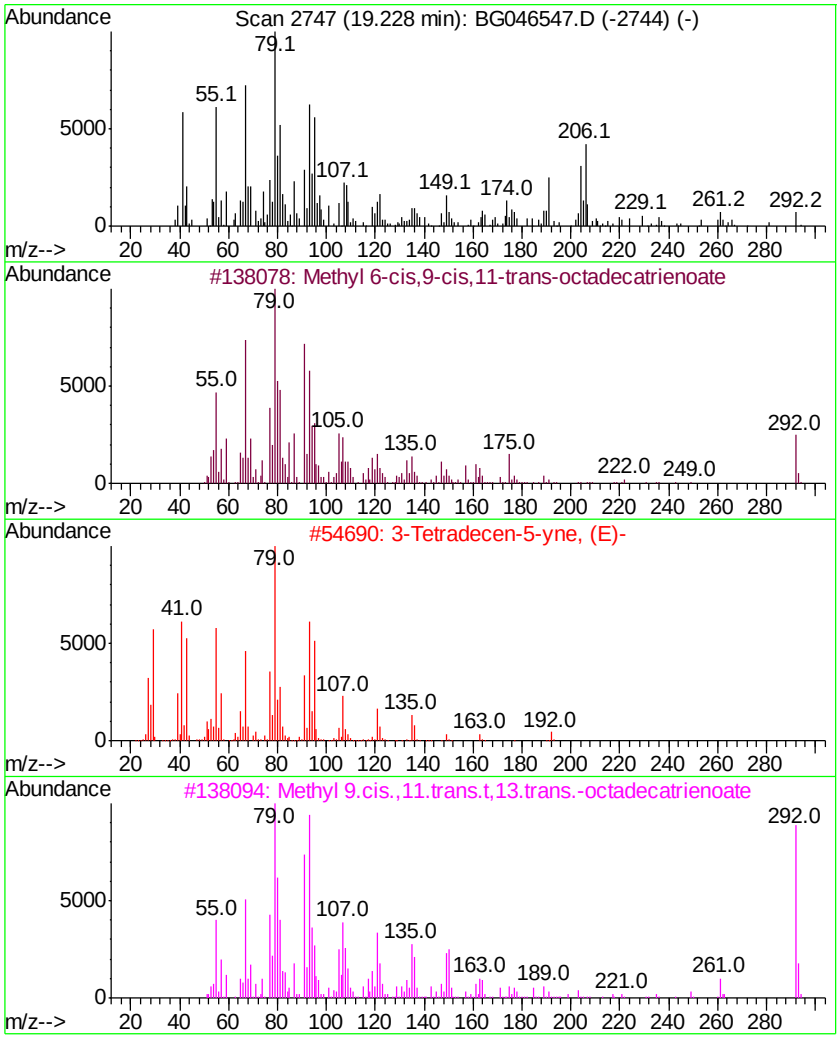
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

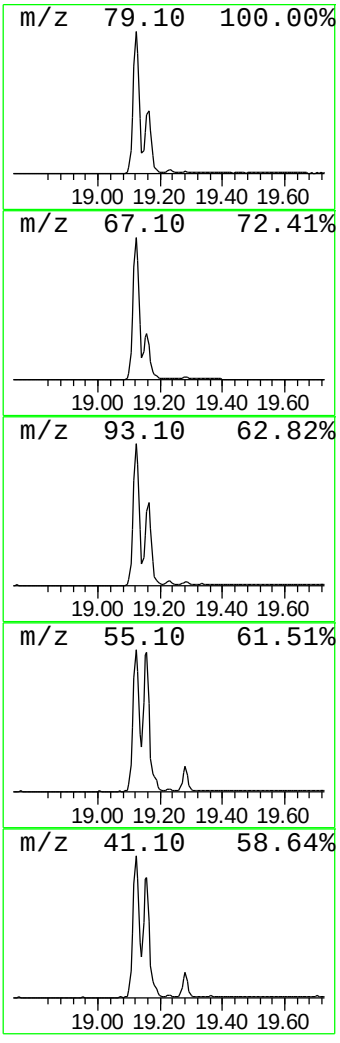
****

Peak Number 6 unknown19.23 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.55 ng	153155	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 6-cis,9-cis,11-trans-octa...	292	C19H32O2	1000336-37-7	45
2	3-Tetradecen-5-yne, (E)-	192	C14H24	074744-44-8	43
3	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	42
4	4-Tridecen-6-yne, (Z)-	178	C13H22	074744-42-6	35
5	2-Pentadecen-4-yne, (Z)-	206	C15H26	074646-33-6	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

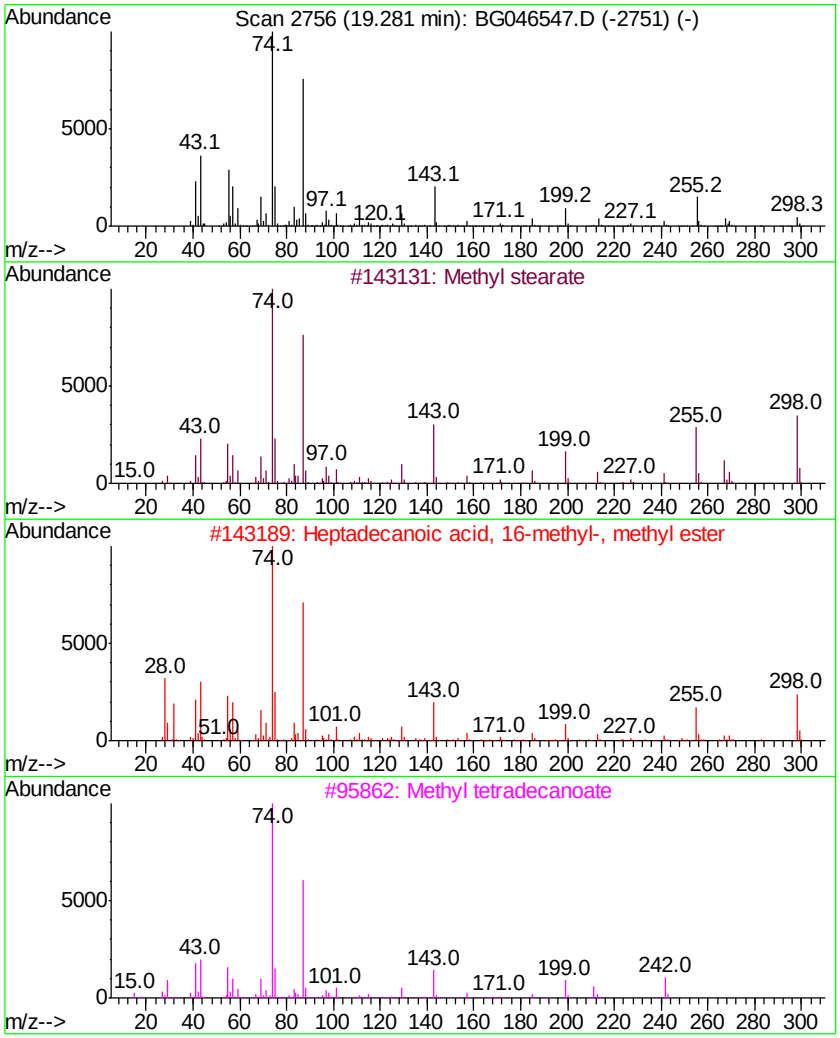
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

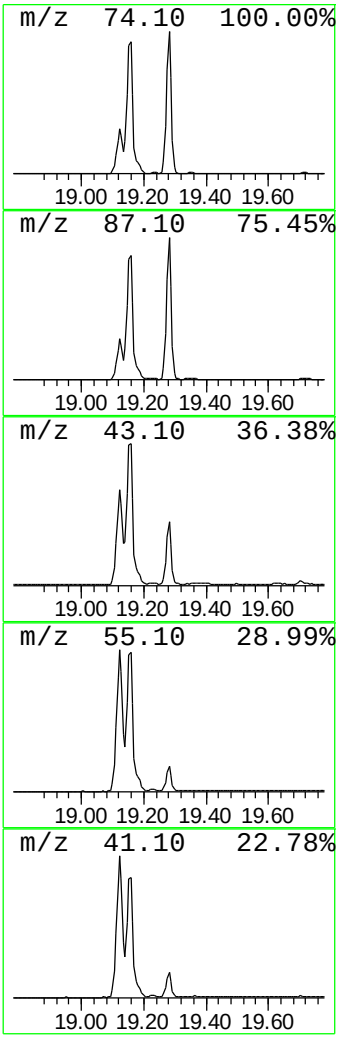
****

Peak Number 7 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	31.80 ng	1907290	Phenanthrene-d10	17.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	92
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
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Acq On : 4 Sep 2020 19:20
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Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

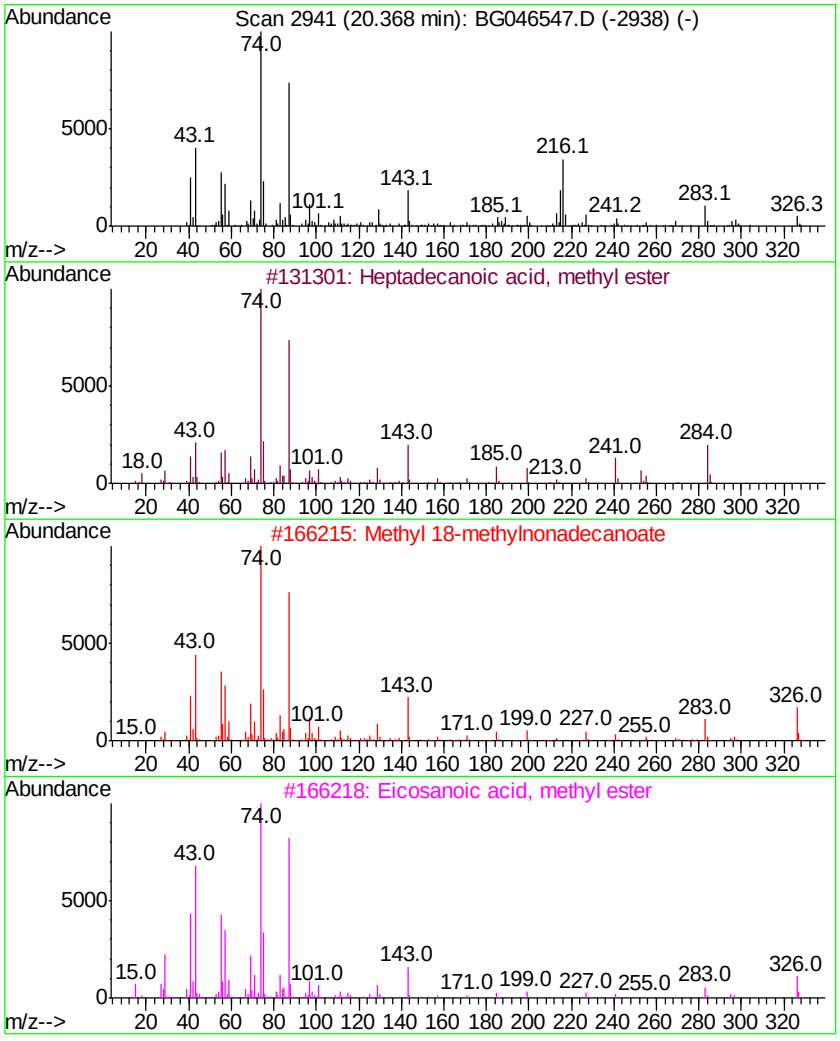
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

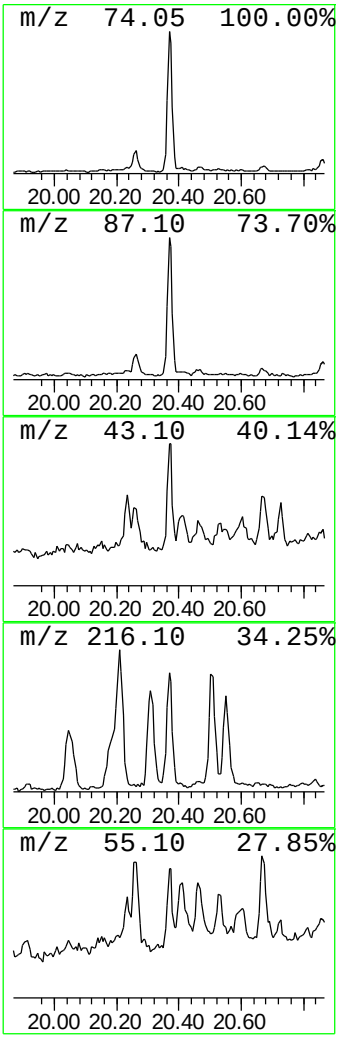
****

Peak Number 8 Heptadecanoic acid, methyl ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	3.06 ng	221616	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	97
2	Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	96
3	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	92
4	Hexadecanoic acid, 14-methyl-, m...	284	C18H36O2	002490-49-5	90
5	Methyl stearate	298	C19H38O2	000112-61-8	89





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Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

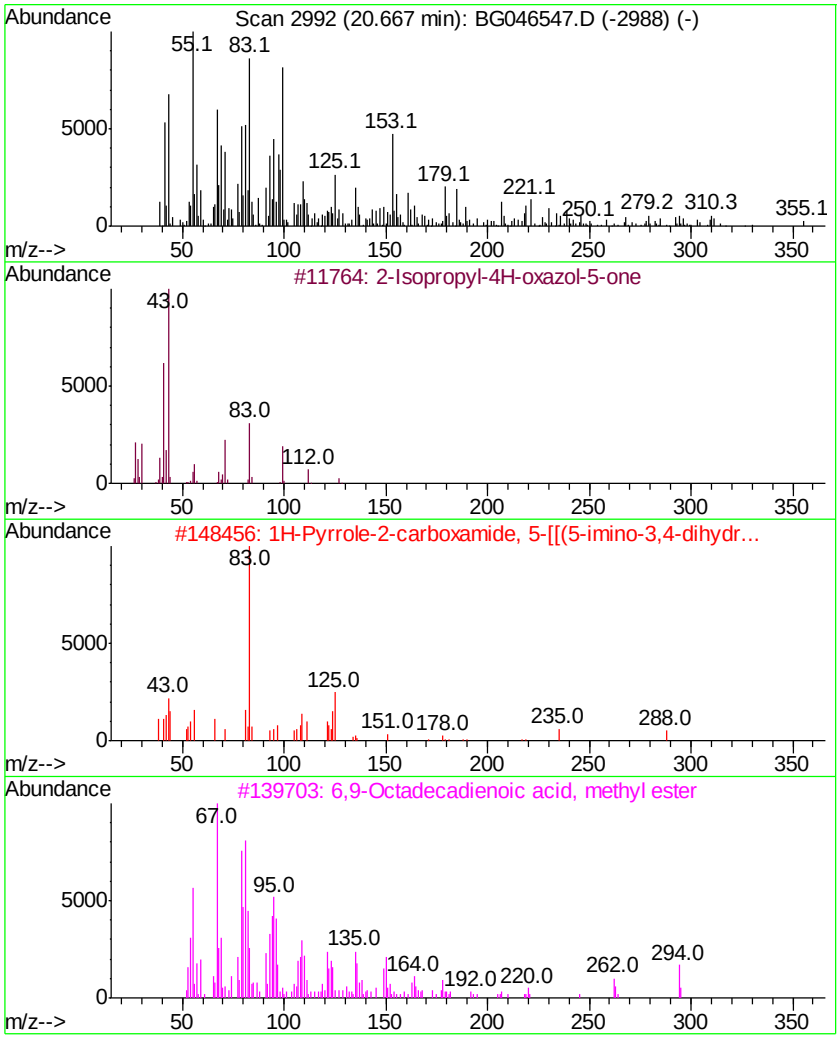
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

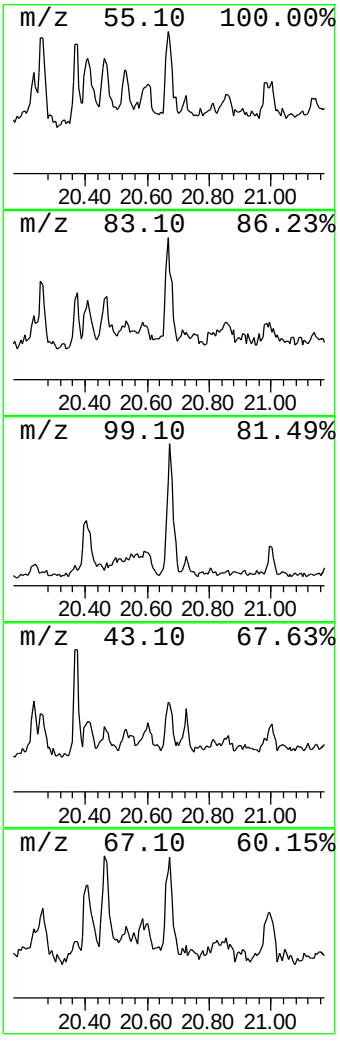
****

Peak Number 9 unknown20.67 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.82 ng	204376	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Isopropyl-4H-oxazol-5-one	127	C6H9NO2	1000190-01-9	30
2	1H-Pyrrole-2-carboxamide, 5-[[(5...	305	C13H19N7O2	061233-56-5	18
3	6,9-Octadecadienoic acid, methyl...	294	C19H34O2	056599-55-4	15
4	Biuret, 1-[(dimethylamino)methyl...	158	C5H10N4O2	010264-58-1	11
5	Succinimide, N-methoxy-	129	C5H7NO3	005904-50-7	11





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
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Misc :
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Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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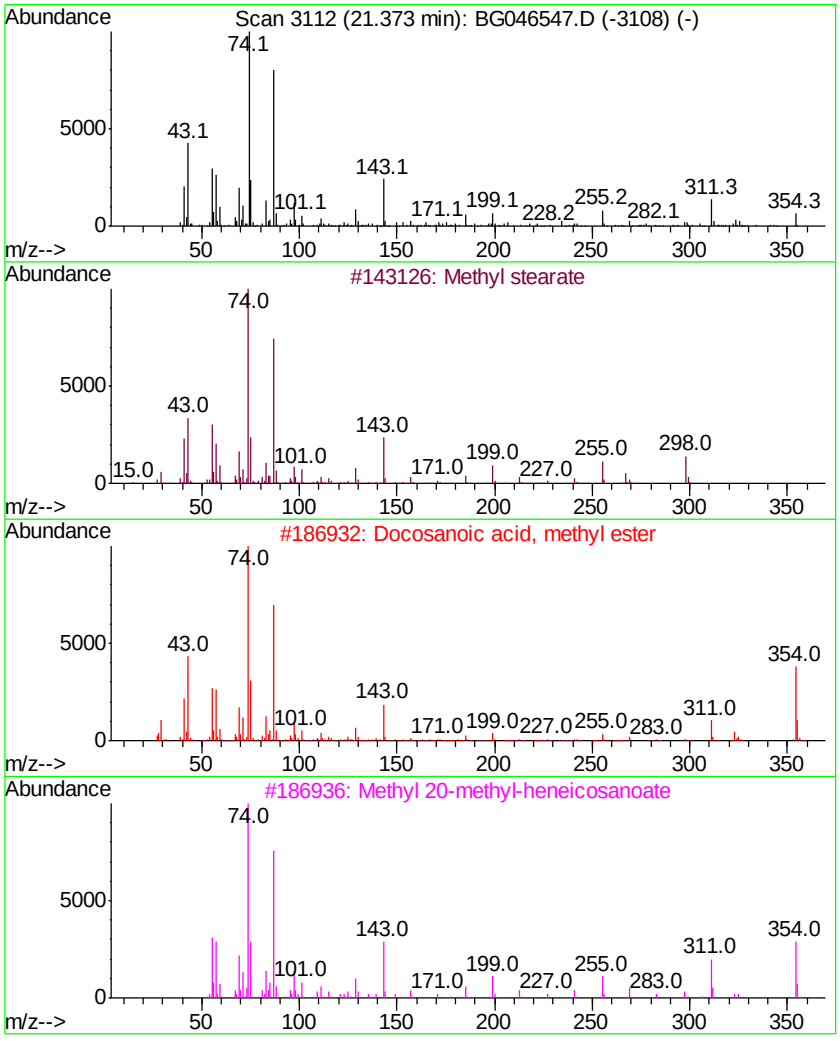
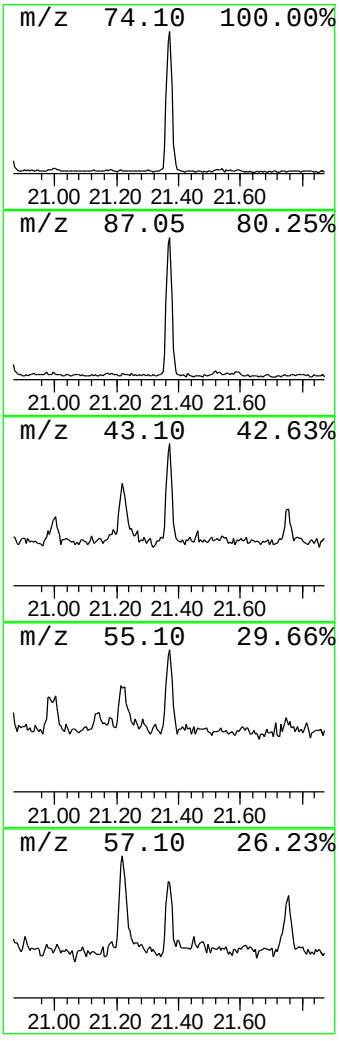
Peak Number 10 Docosanoic acid, methyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.33 ng	168618	Chrysene-d12	21.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	96
2	Docosanoic acid, methyl ester	354	C23H46O2	000929-77-1	95
3	Methyl 20-methyl-heneicosanoate	354	C23H46O2	1000336-47-4	93
4	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	83
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG090420\
Data File : BG046547.D
Acq On : 4 Sep 2020 19:20
Operator : CG/JU
Sample : L3871-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-090220

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.13	5.4	ng	130021	1	7.93	483672	20.0
Hexadecanoic acid...	17.98	53.8	ng	3223460	4	17.30	1199470	20.0
n-Hexadecanoic acid	18.21	2.8	ng	166992	4	17.30	1199470	20.0
9,12-Octadecadien...	19.12	212.4	ng	12735900	4	17.30	1199470	20.0
9-Octadecenoic ac...	19.16	166.5	ng	9984520	4	17.30	1199470	20.0
unknown19.23	19.23	2.5	ng	153155	4	17.30	1199470	20.0
Methyl stearate	19.28	31.8	ng	1907290	4	17.30	1199470	20.0
Heptadecanoic aci...	20.37	3.1	ng	221616	5	21.55	1447150	20.0
unknown20.67	20.67	2.8	ng	204376	5	21.55	1447150	20.0
Docosanoic acid, ...	21.37	2.3	ng	168618	5	21.55	1447150	20.0