LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

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-BG061719.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	3.150	6	10	18	rVB	63587	106839	5.00%	0.786%
2	5.624	424	431	446	rBV	274971	504412	23.61%	3.713%
3	7.239	698	706	722	rBV	320340	601877	28.18%	4.431%
4	7.610	762	769	778	rBV	327261	571899	26.77%	4.210%
5	8.080	843	849	861	rVB	172038	304844	14.27%	2.244%
6	8.403	897	904	913	rBV	257379	444615	20.82%	3.273%
7	9.261	1043	1050	1063	rBV	193192	374613	17.54%	2.758%
8	10.906	1321	1330	1344	rBV	224799	414670	19.41%	3.052%
9	13.338	1733	1744	1752	rBV	539676	838474	39.25%	6.172%
10	14.161	1878	1884	1889	rVB	50714	72269	3.38%	0.532%
11	14.719	1972	1979	1986	rBV2	350818	552611	25.87%	4.068%
12	15.512	2111	2114	2119	rVB3	17883	22795	1.07%	0.168%
13	15.917	2175	2183	2188	rBV6	14627	30288	1.42%	0.223%
14	16.205	2226	2232	2240	rBV	415308	659015	30.85%	4.851%
15	16.376	2255	2261	2267	rBV	27277	59691	2.79%	0.439%
16	17.163	2392	2395	2400	rBV	22343	30512	1.43%	0.225%
17	17.463	2441	2446	2451	rBV2	411966	654970	30.66%	4.821%
18	17.510	2451	2454	2459	rVB	98847	132873	6.22%	0.978%
19	17.598	2466	2469	2474	rBV2	26601	36002	1.69%	0.265%
20	17.909	2519	2522	2527	rVB	29418	44201	2.07%	0.325%
21	18.086	2548	2552	2558	rVB	414777	524631	24.56%	3.862%
22	18.315	2587	2591	2600	rBV3	112678	234136	10.96%	1.724%
23	19.225	2741	2746	2749	rBV	1380274	1783137	83.48%	13.126%
24	19.255	2749	2751	2762	rVB2	1643240	2135996	100.00%	15.724%
25	19.384	2769	2773	2778	rBV	218443	281194	13.16%	2.070%
26	19.472	2785	2788	2790	rBV4	68751	76793	3.60%	0.565%
27	19.513	2791	2795	2800	rVB	213148	301533	14.12%	2.220%
28	19.878	2853	2857	2861	rVB	219524	313307	14.67%	2.306%
29	20.060	2884	2888	2893	rVB	843377	996415	46.65%	7.335%
30	21.746	3172	3175	3181	rVB	315464	479998	22.47%	3.533%

Sum of corrected areas: 13584610

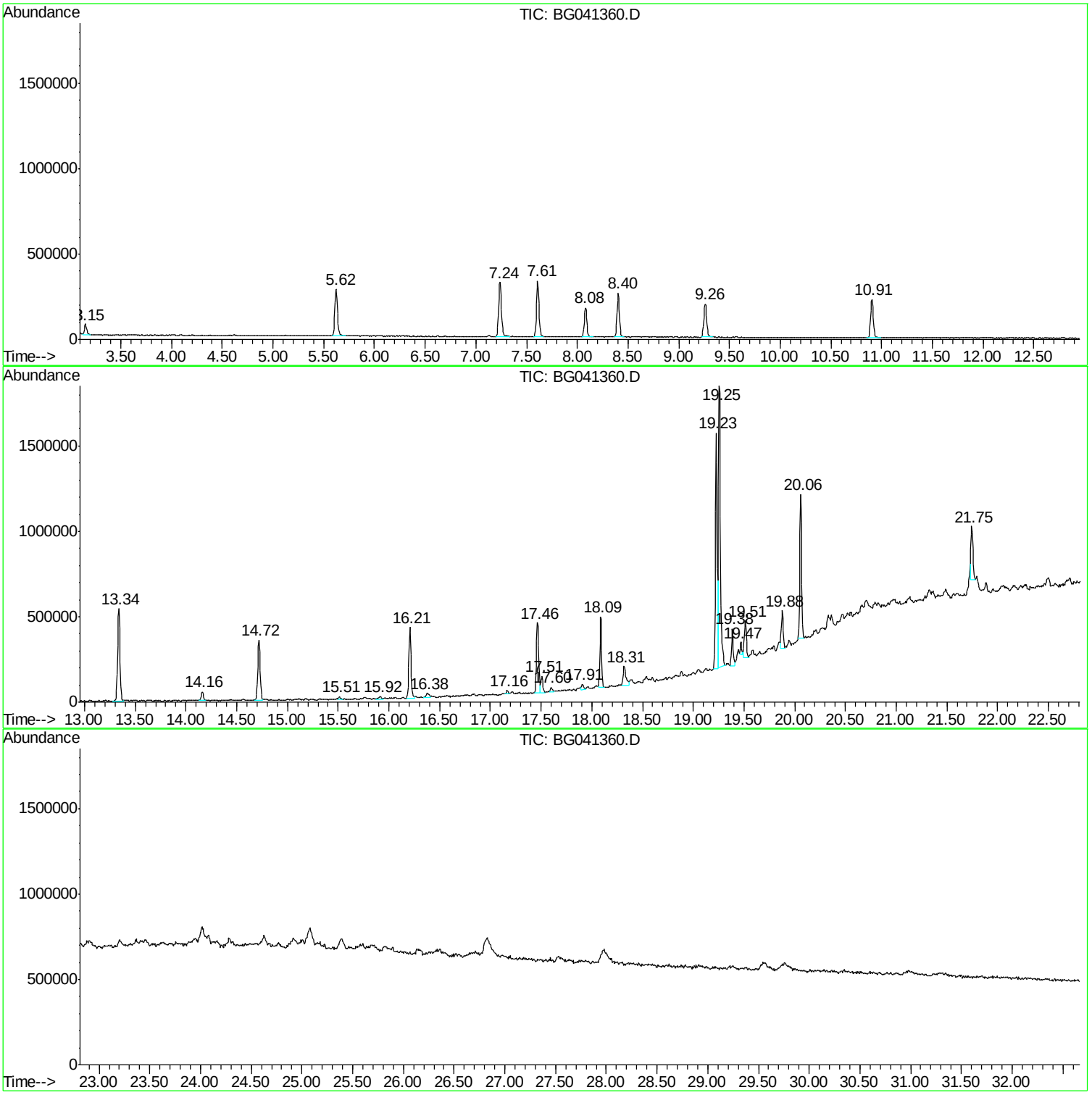
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

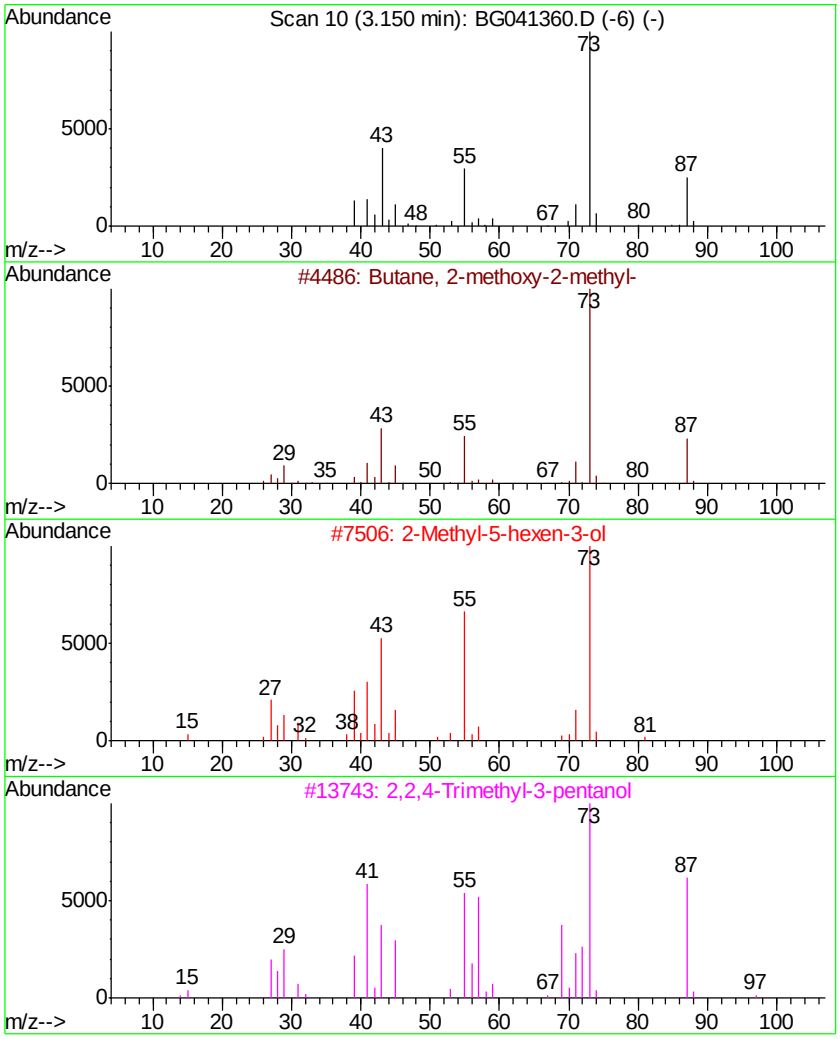
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

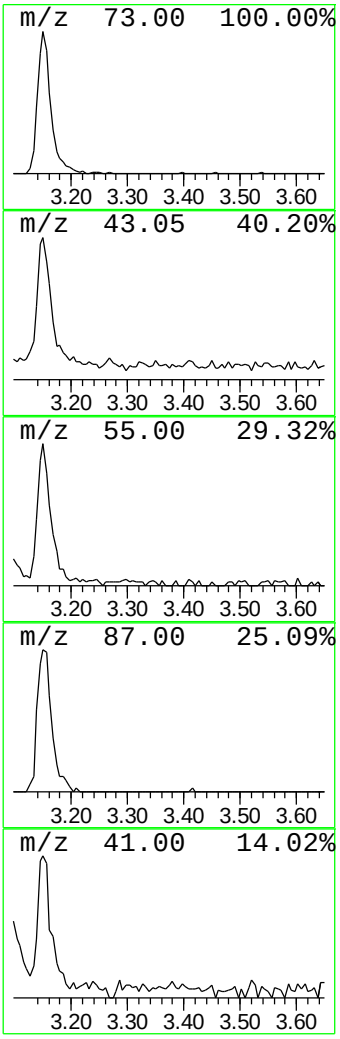
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	7.01 ng	106839	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

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Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

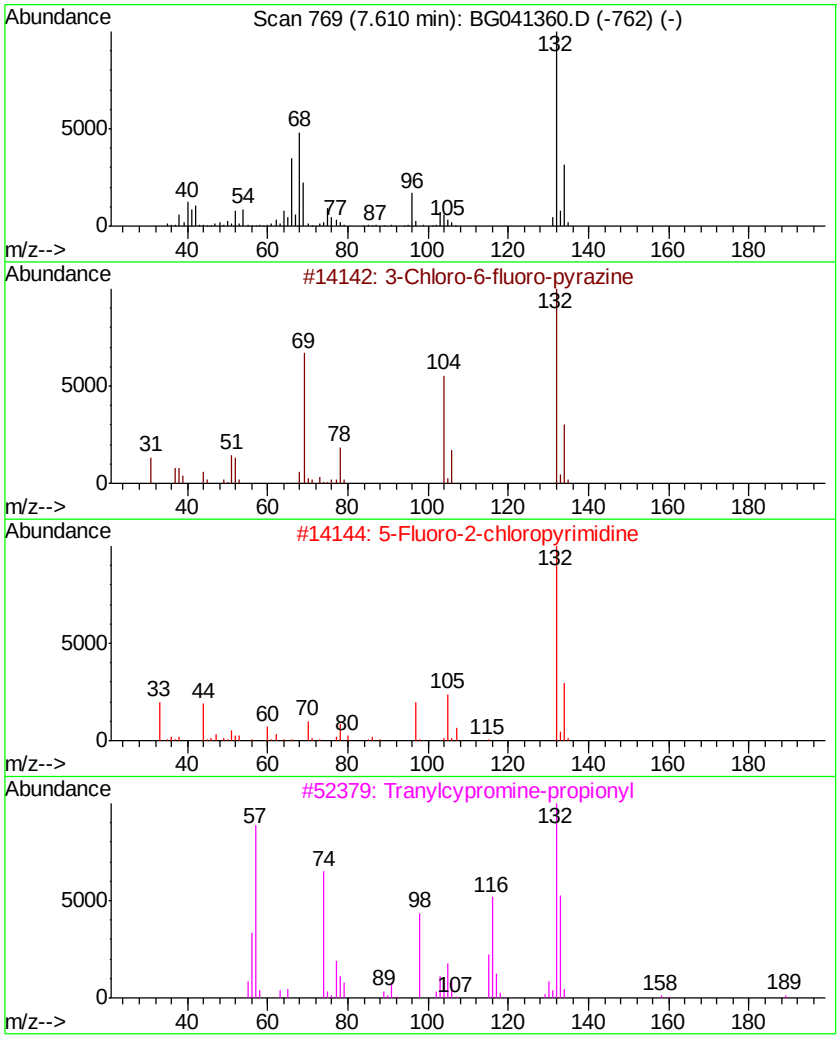
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

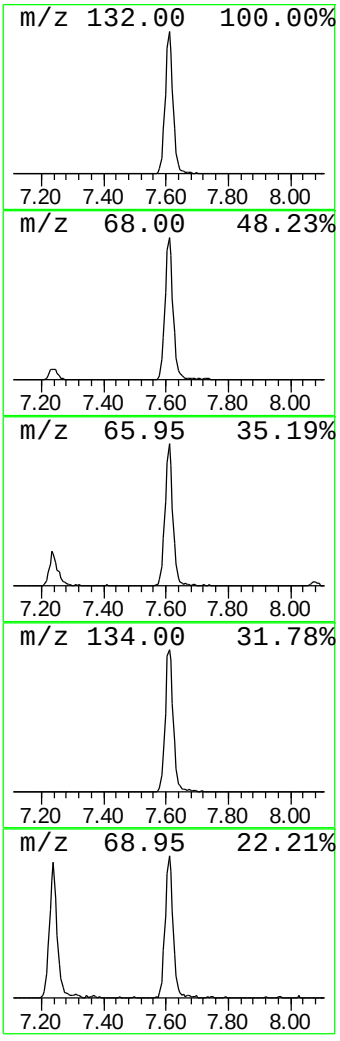
****

Peak Number 2 unknown7.61 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	37.52 ng	571899	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

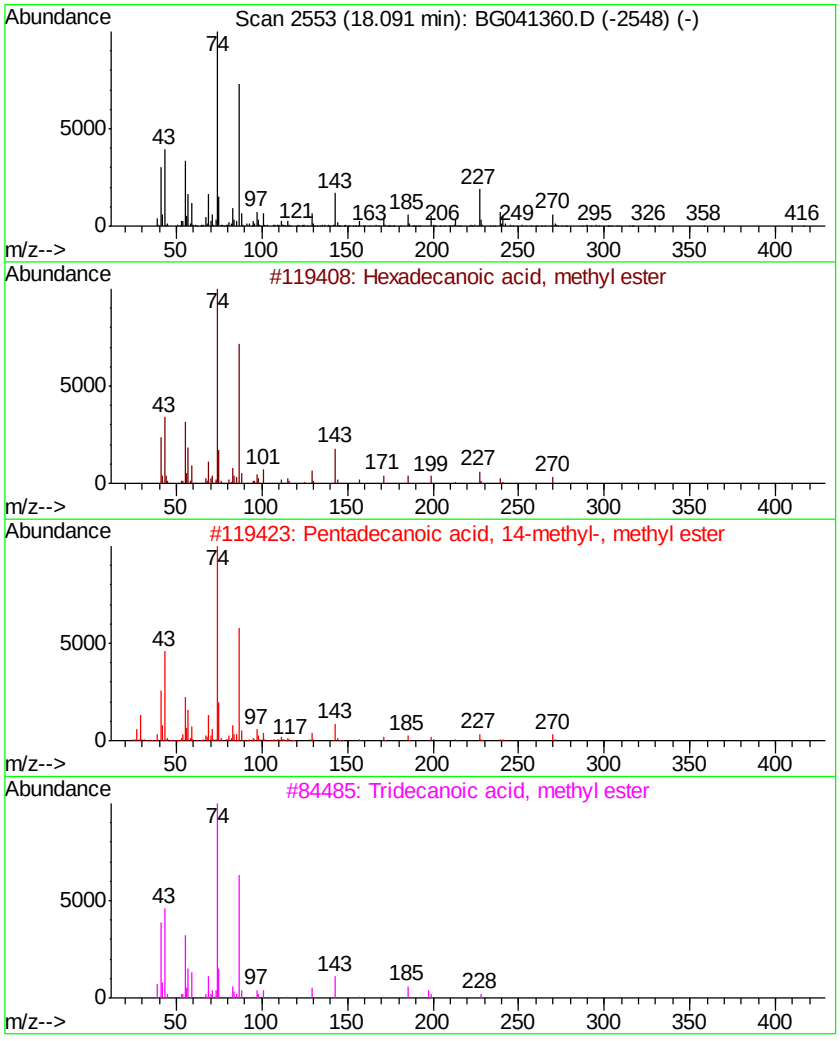
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

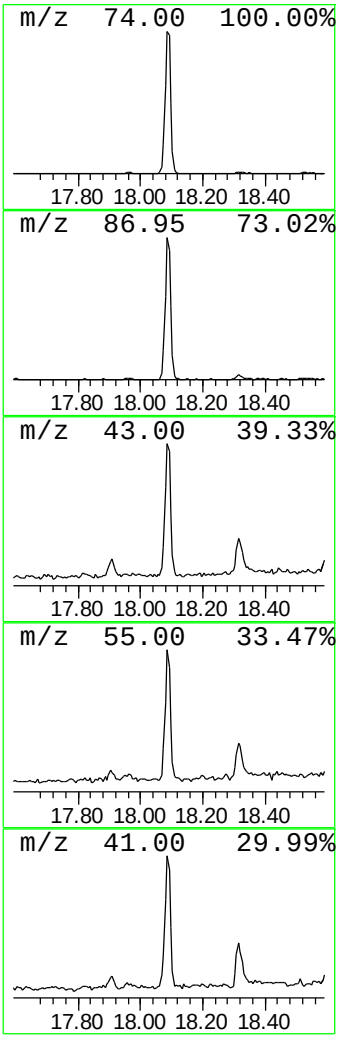
****

Peak Number 4 Hexadecanoic acid, methyl e... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	16.02 ng	524631	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	93
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	92
4	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

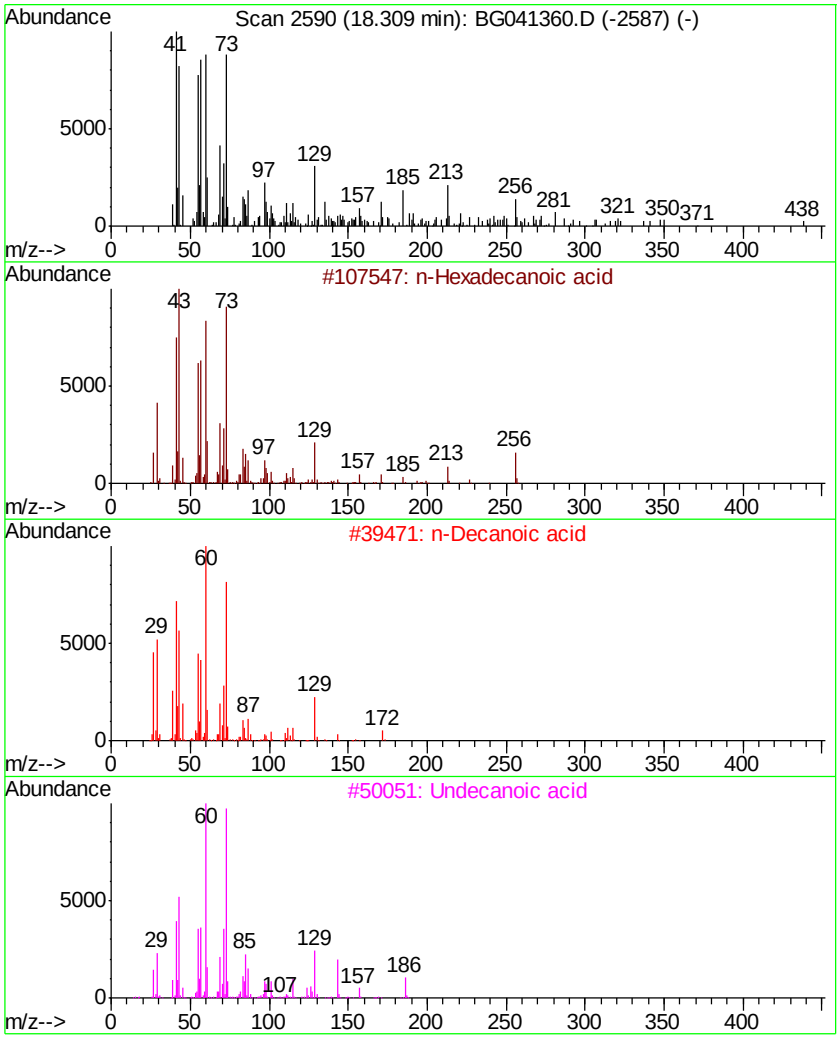
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

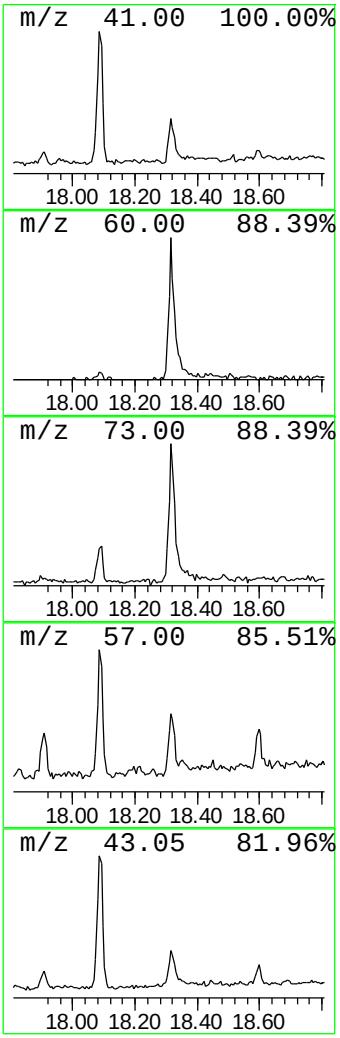
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	7.15 ng	234136	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	n-Decanoic acid	172	C10H20O2	000334-48-5	76
3	Undecanoic acid	186	C11H22O2	000112-37-8	68
4	Tridecanoic acid	214	C13H26O2	000638-53-9	55
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062019\
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Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

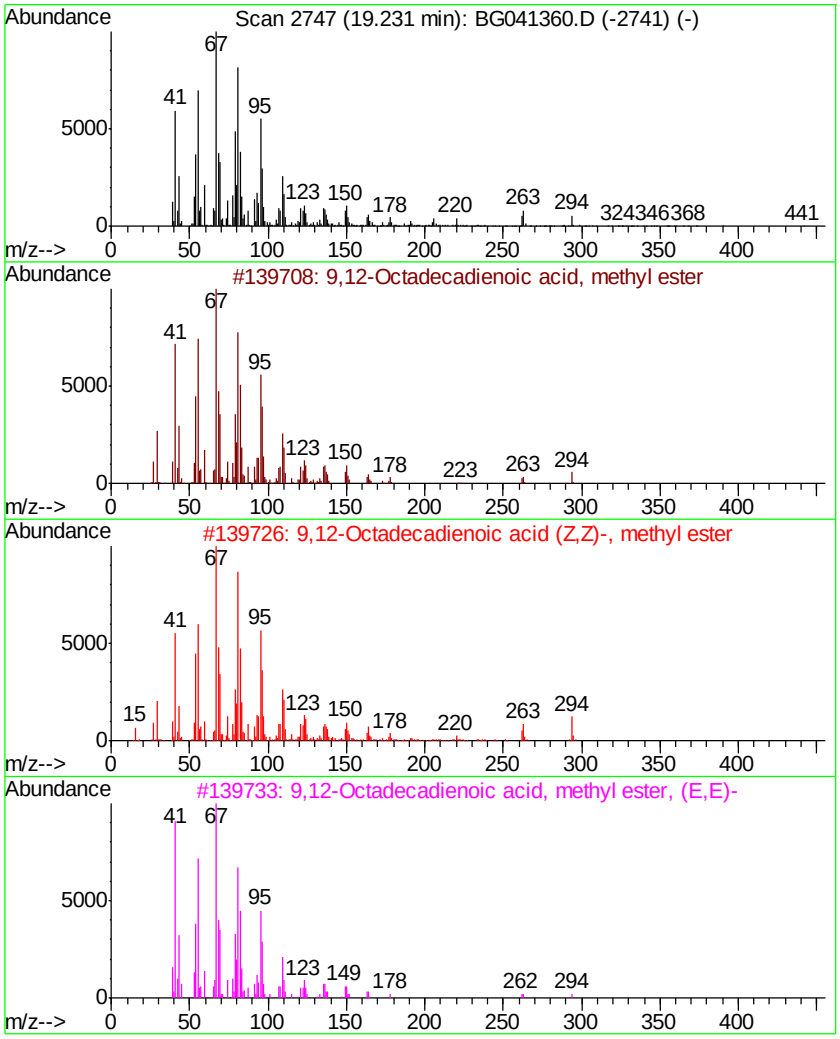
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

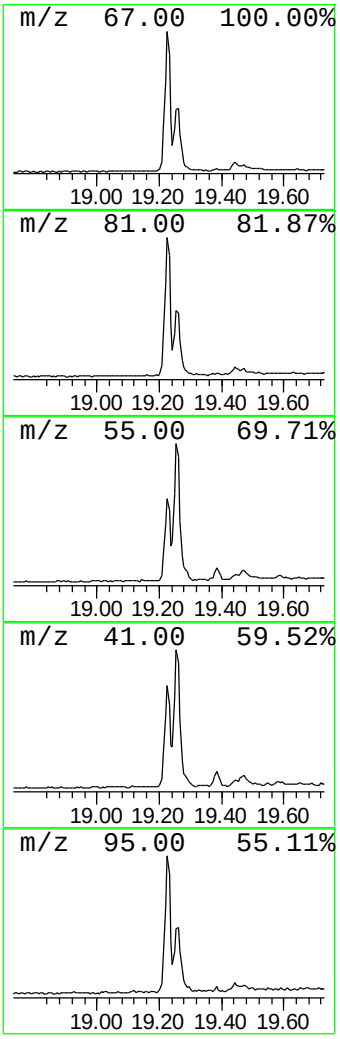
****

Peak Number 6 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	54.45 ng	1783140	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	96
5	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	95





Library Search Compound Report

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Data File : BG041360.D
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Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

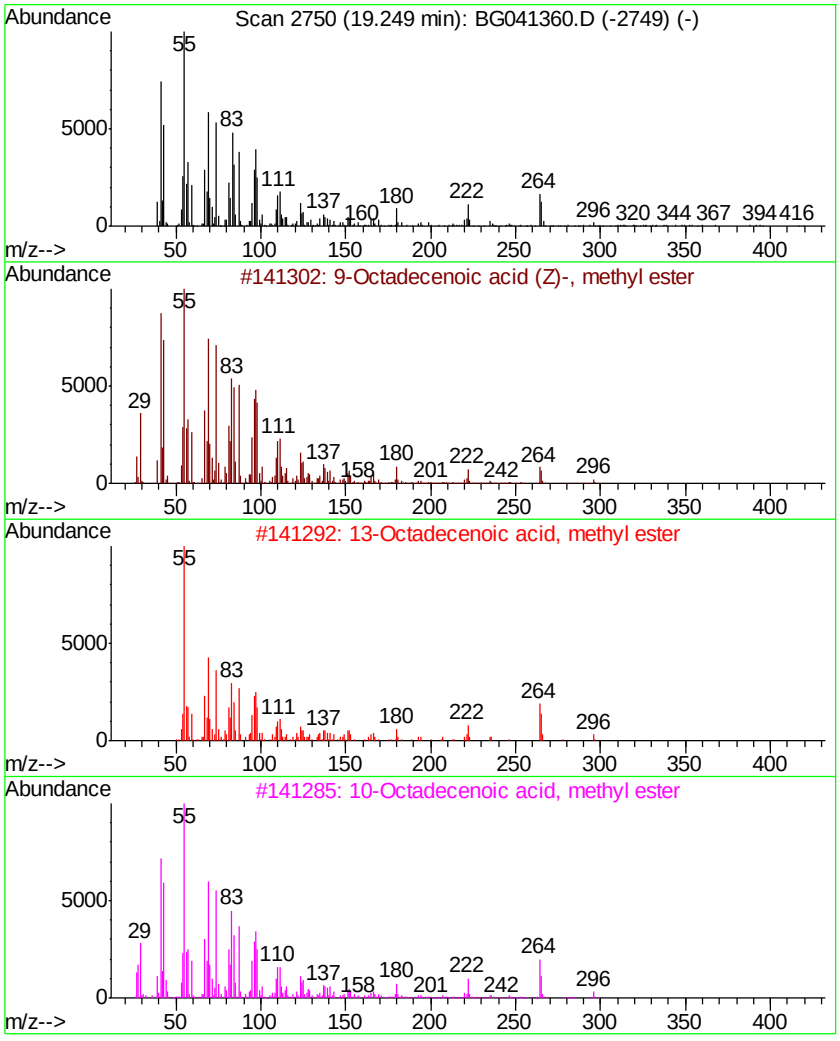
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

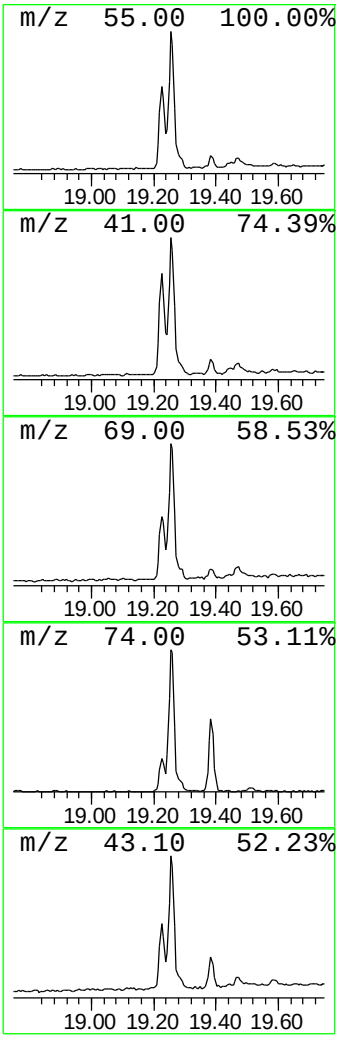
****

Peak Number 7 9-Octadecenoic acid (Z)-, m... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	65.22 ng	2136000	Phenanthrene-d10	17.46

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	96
3	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	94
4	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	94
5	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	94





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Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-01-061719-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

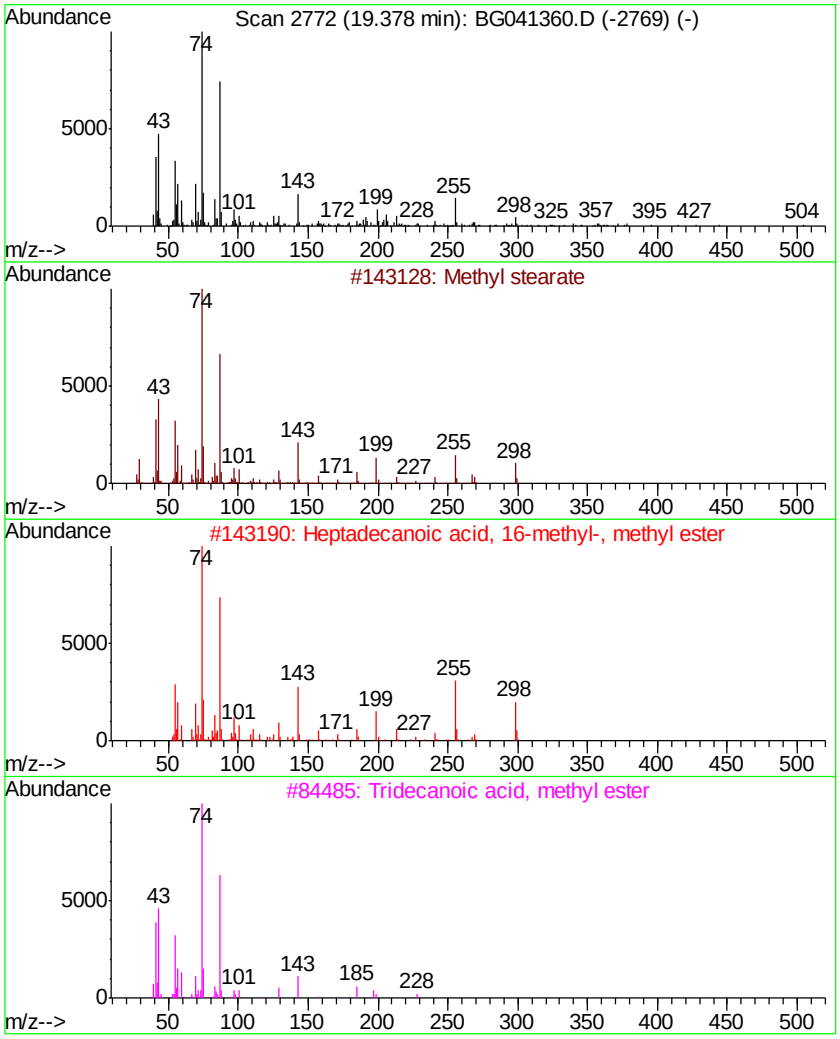
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

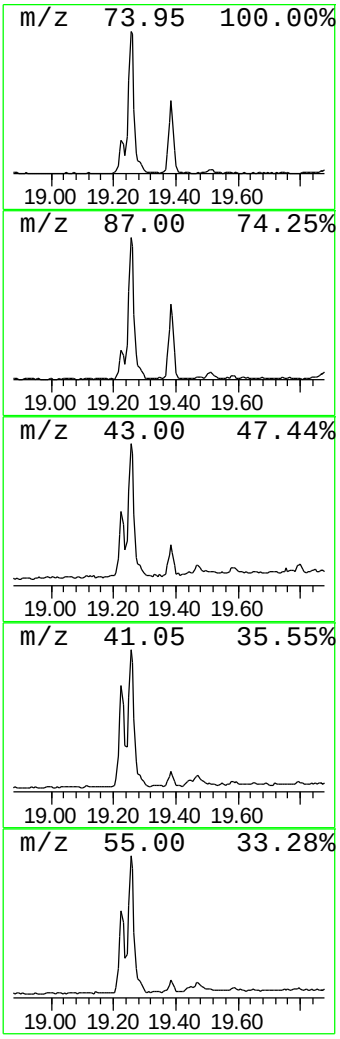
****

Peak Number 8 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	8.59 ng	281194	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	97
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
3	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	87
5	Heptadecanoic acid, 15-methyl-, ...	298	C19H38O2	054833-55-5	86





Tentatively Identified Compound (LSC) summary

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Data File : BG041360.D
Acq On : 20 Jun 2019 17:06
Operator : HP/JU
Sample : K3157-01 2X
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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
Butane, 2-methoxy...	3.15	7.0	ng	106839	1	8.08	304844	20.0
unknown7.61	7.61	37.5	ng	571899	1	8.08	304844	20.0
Hexadecanoic acid...	18.09	16.0	ng	524631	4	17.46	654970	20.0
n-Hexadecanoic acid	18.31	7.2	ng	234136	4	17.46	654970	20.0
9,12-Octadecadien...	19.23	54.5	ng	1783140	4	17.46	654970	20.0
9-Octadecenoic ac...	19.25	65.2	ng	2136000	4	17.46	654970	20.0
Methyl stearate	19.38	8.6	ng	281194	4	17.46	654970	20.0