LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050700.D
Acq On : 22 Oct 2021 22:23
Operator : CG/JU
Sample : M4306-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-PIT-SOIL

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG050700.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.794	383	392	408	rBV	346991	636007	56.03%	5.811%
2	7.393	657	664	676	rBV	377592	703089	61.94%	6.424%
3	8.250	802	810	817	rBV	211950	376172	33.14%	3.437%
4	9.425	1001	1010	1021	rBV	234807	446304	39.31%	4.078%
5	10.818	1239	1247	1258	rBV2	25324	57988	5.11%	0.530%
6	11.077	1284	1291	1299	rBV	293834	539216	47.50%	4.927%
7	13.491	1694	1702	1710	rBV	560886	876704	77.23%	8.010%
8	14.872	1930	1937	1945	rBV	422974	680805	59.97%	6.221%
9	15.677	2070	2074	2080	rVB2	14613	20723	1.83%	0.189%
10	16.082	2136	2143	2146	rBV8	7494	14025	1.24%	0.128%
11	16.353	2183	2189	2207	rVB	295854	538486	47.44%	4.920%
12	16.541	2217	2221	2225	rBV2	31192	50980	4.49%	0.466%
13	16.676	2238	2244	2247	rBV	22734	33996	2.99%	0.311%
14	16.729	2248	2253	2259	rVV3	29157	56741	5.00%	0.518%
15	16.793	2259	2264	2268	rVV2	27463	44068	3.88%	0.403%
16	16.834	2268	2271	2276	rVB3	15976	22790	2.01%	0.208%
17	16.999	2293	2299	2305	rVB4	23035	43205	3.81%	0.395%
18	17.058	2305	2309	2313	rBV	27080	39468	3.48%	0.361%
19	17.134	2319	2322	2328	rVB4	13665	22666	2.00%	0.207%
20	17.334	2351	2356	2360	rBV	31689	43090	3.80%	0.394%
21	17.387	2360	2365	2370	rVV4	14990	24548	2.16%	0.224%
22	17.616	2397	2404	2409	rBV	455035	719351	63.37%	6.573%
23	17.657	2409	2411	2417	rVB	34172	41572	3.66%	0.380%
24	17.751	2423	2427	2430	rBV3	7362	12095	1.07%	0.111%
25	18.074	2478	2482	2487	rBV	29267	39481	3.48%	0.361%
26	18.121	2487	2490	2496	rVB7	21047	28618	2.52%	0.261%
27	18.245	2507	2511	2517	rVB	286956	375338	33.06%	3.429%
28	18.756	2595	2598	2602	rVB	28601	31890	2.81%	0.291%
29	19.379	2699	2704	2706	rBV	530435	684872	60.33%	6.258%
30	19.408	2706	2709	2713	rVB	1017637	1135204	100.00%	10.372%
31	19.537	2726	2731	2735	rBV	205786	244894	21.57%	2.238%
32	19.655	2747	2751	2758	rBV	61497	96130	8.47%	0.878%
33	19.901	2790	2793	2798	rVB4	29352	39847	3.51%	0.364%
34	20.013	2809	2812	2820	rVB	79086	123950	10.92%	1.133%
35	20.201	2839	2844	2849	rBV	740255	939791	82.79%	8.587%
36	21.917	3130	3136	3142	rVB	362068	618458	54.48%	5.651%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
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Acq On : 22 Oct 2021 22:23
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-PIT-SOIL

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-BG100621.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	25.330	3711	3717	3731	rVB3	172403	541890	47.74%	4.951%

Sum of corrected areas: 10944452

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ClientSampleId :
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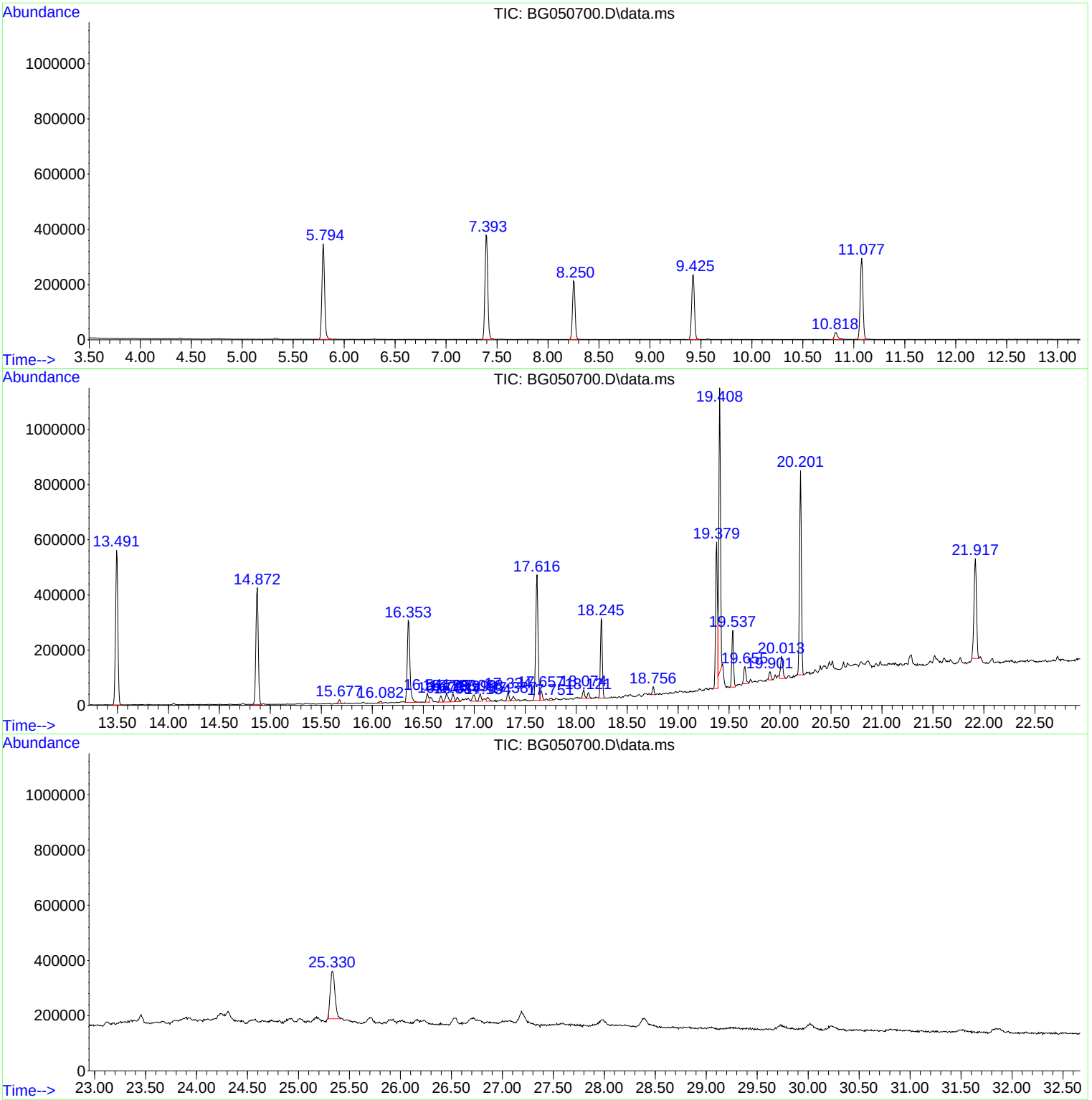
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : BG050700.D
Acq On : 22 Oct 2021 22:23
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Misc :
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Instrument : BNA_G
ClientSampleId : MH-PIT-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

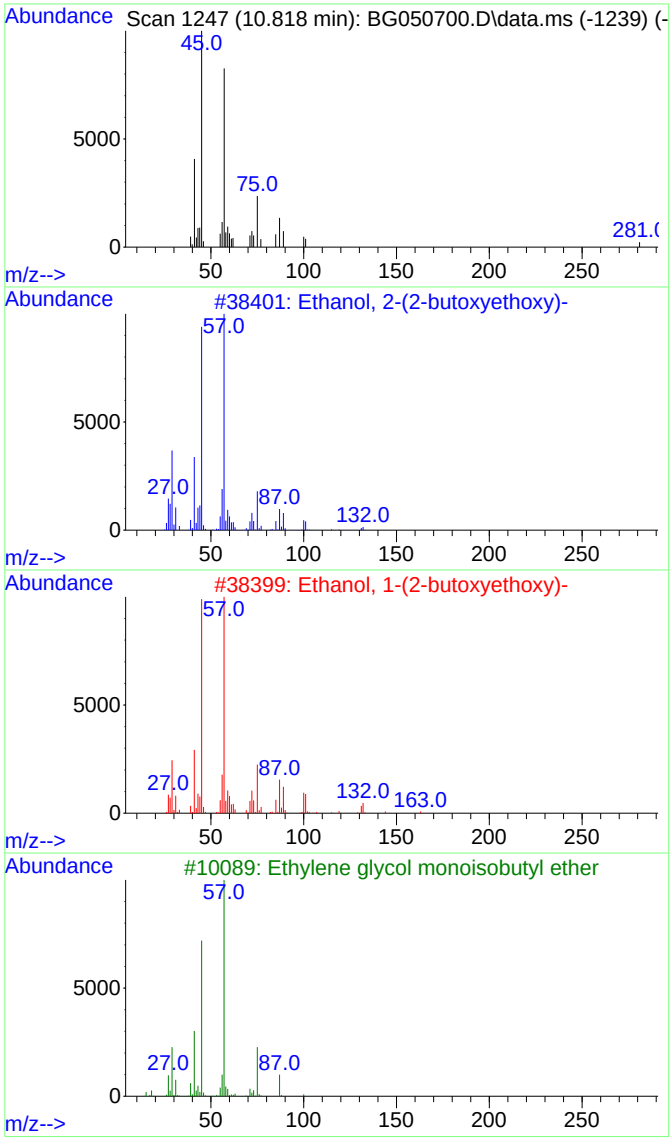
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

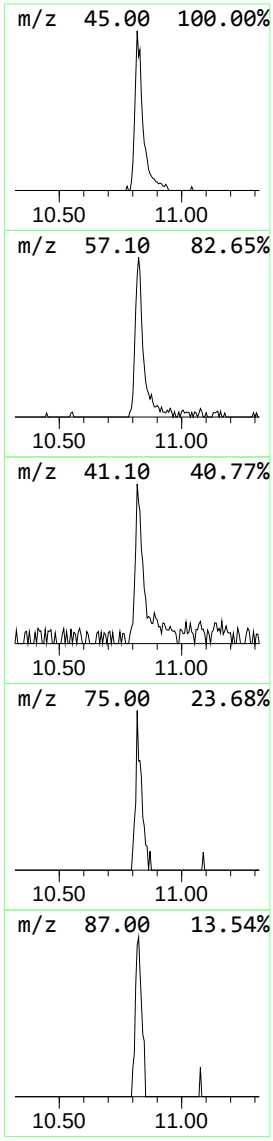
****

Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.818	2.15 ng	57988	Naphthalene-d8	11.076

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	53
5	(2-Ethoxyethoxy)acetic acid, TBD...	262	C12H26O4Si	1000366-92-5	53





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Misc :
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Instrument :
BNA_G
ClientSampleId :
MH-PIT-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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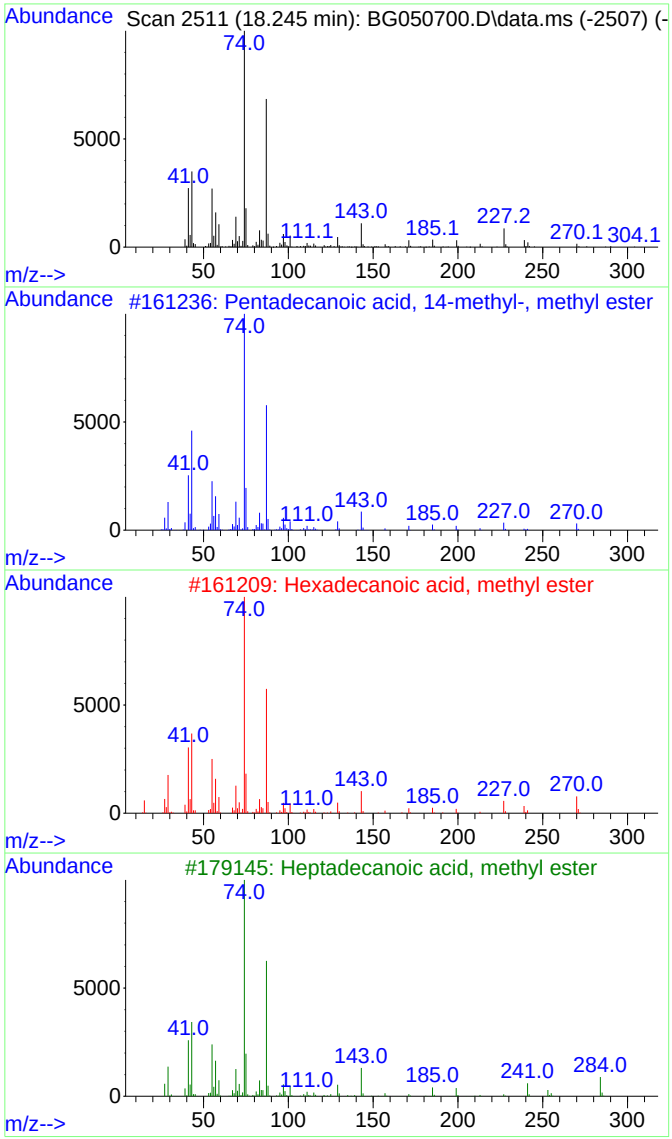
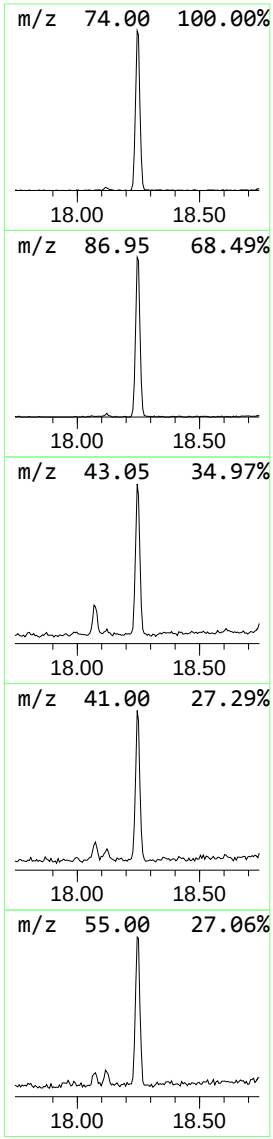
****
Peak Number 2 Pentadecanoic acid, 14-meth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	10.44 ng	375338	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
2	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	91
3	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	91
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050700.D
Acq On : 22 Oct 2021 22:23
Operator : CG/JU
Sample : M4306-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-PIT-SOIL

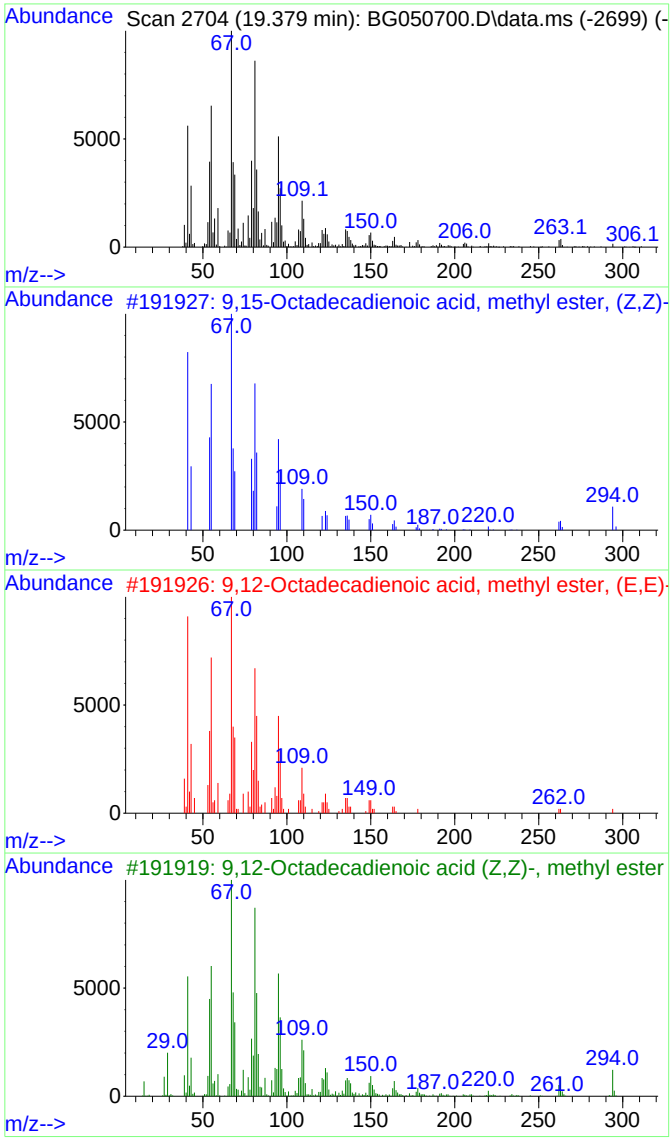
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

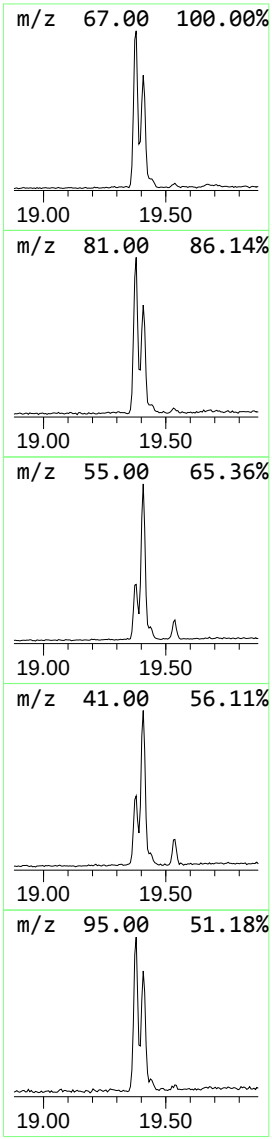
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9,15-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.378	19.04 ng	684872	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	98
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	96
5	9,12-Octadecadienal	264	C18H32O	026537-70-2	94





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Data File : BG050700.D
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Operator : CG/JU
Sample : M4306-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-PIT-SOIL

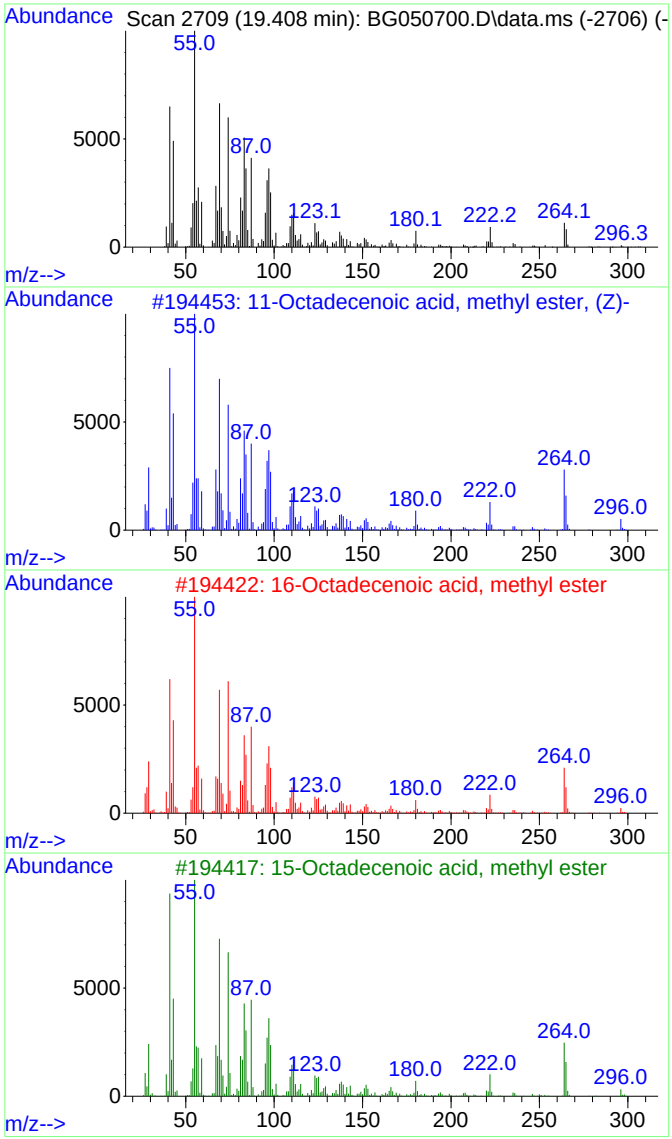
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

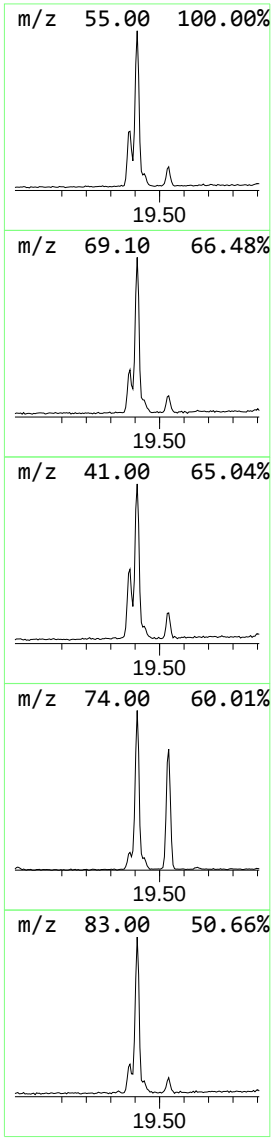
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 11-Octadecenoic acid, methy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.408	31.56 ng	1135200	Phenanthrene-d10	17.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
2	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99
3	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
4	12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





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Operator : CG/JU
Sample : M4306-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-PIT-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

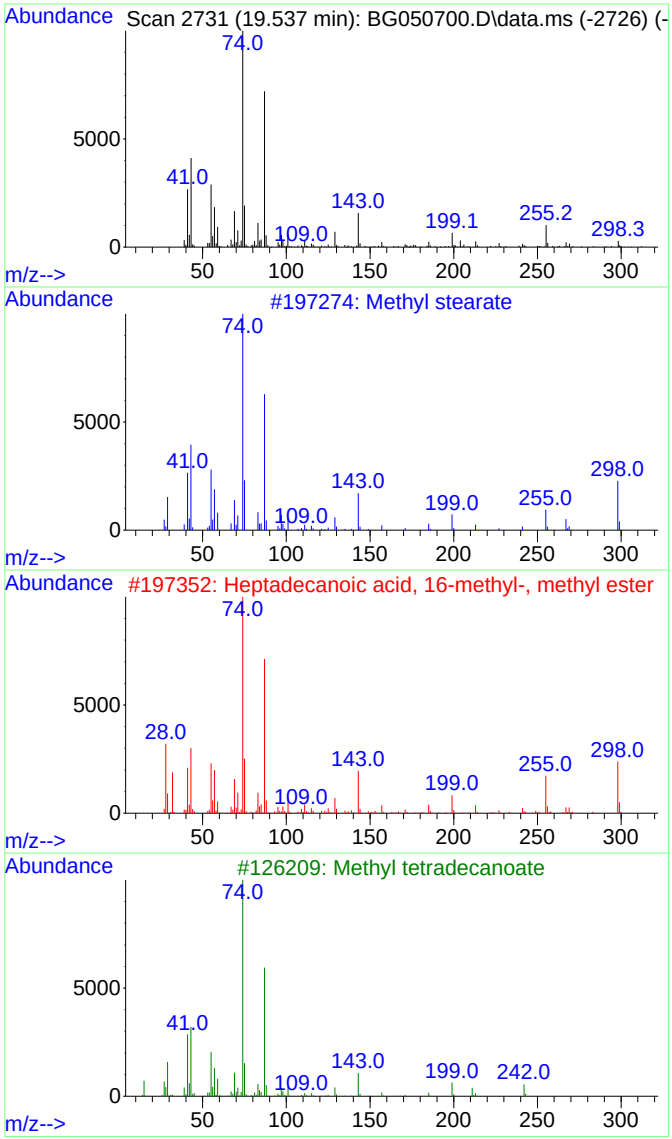
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

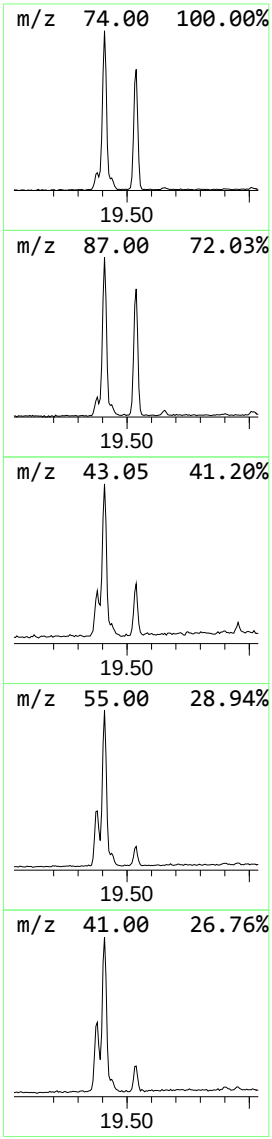
****

Peak Number 5 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.537	6.81 ng	244894	Phenanthrene-d10	17.616

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	97
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
4	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102221\
Data File : BG050700.D
Acq On : 22 Oct 2021 22:23
Operator : CG/JU
Sample : M4306-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-PIT-SOIL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.818	2.1	ng	57988	2	11.076	539216	20.0
Pentadecanoic a...	18.245	10.4	ng	375338	4	17.616	719351	20.0
9,15-Octadecadi...	19.378	19.0	ng	684872	4	17.616	719351	20.0
11-Octadecenoic...	19.408	31.6	ng	1135200	4	17.616	719351	20.0
Methyl stearate	19.537	6.8	ng	244894	4	17.616	719351	20.0