LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
Data File : BG055333.D
Acq On : 27 Oct 2022 21:28
Operator : CG/JU
Sample : N5283-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IRV-SOIL-1025

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-BG102422.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.308	338	344	354	rBV	62986	102293	5.96%	1.155%
2	5.796	420	427	436	rBV	463140	752862	43.88%	8.498%
3	7.418	695	703	714	rBV	464797	814715	47.48%	9.196%
4	8.270	841	848	855	rBV	120417	198028	11.54%	2.235%
5	9.445	1039	1048	1058	rBV	289697	520173	30.32%	5.872%
6	11.102	1321	1330	1341	rBV	169981	305345	17.80%	3.447%
7	13.511	1733	1740	1754	rBV	817374	1226533	71.48%	13.845%
8	14.885	1967	1974	1982	rBV	292765	447565	26.08%	5.052%
9	16.366	2219	2226	2244	rBV	658201	1024125	59.69%	11.560%
10	17.618	2433	2439	2445	rBV	357286	533300	31.08%	6.020%
11	18.240	2541	2545	2549	rBV	15102	20054	1.17%	0.226%
12	18.475	2579	2585	2593	rBV3	29231	75504	4.40%	0.852%
13	19.398	2738	2742	2746	rBV	51302	61932	3.61%	0.699%
14	19.650	2781	2785	2790	rBV	19218	28836	1.68%	0.325%
15	20.191	2871	2877	2883	rBV	1336725	1715833	100.00%	19.368%
16	21.484	3094	3097	3105	rVB2	38412	66295	3.86%	0.748%
17	21.895	3162	3167	3174	rVB	314537	524124	30.55%	5.916%
18	25.297	3740	3746	3762	rVB2	143144	441572	25.74%	4.984%

Sum of corrected areas: 8859089

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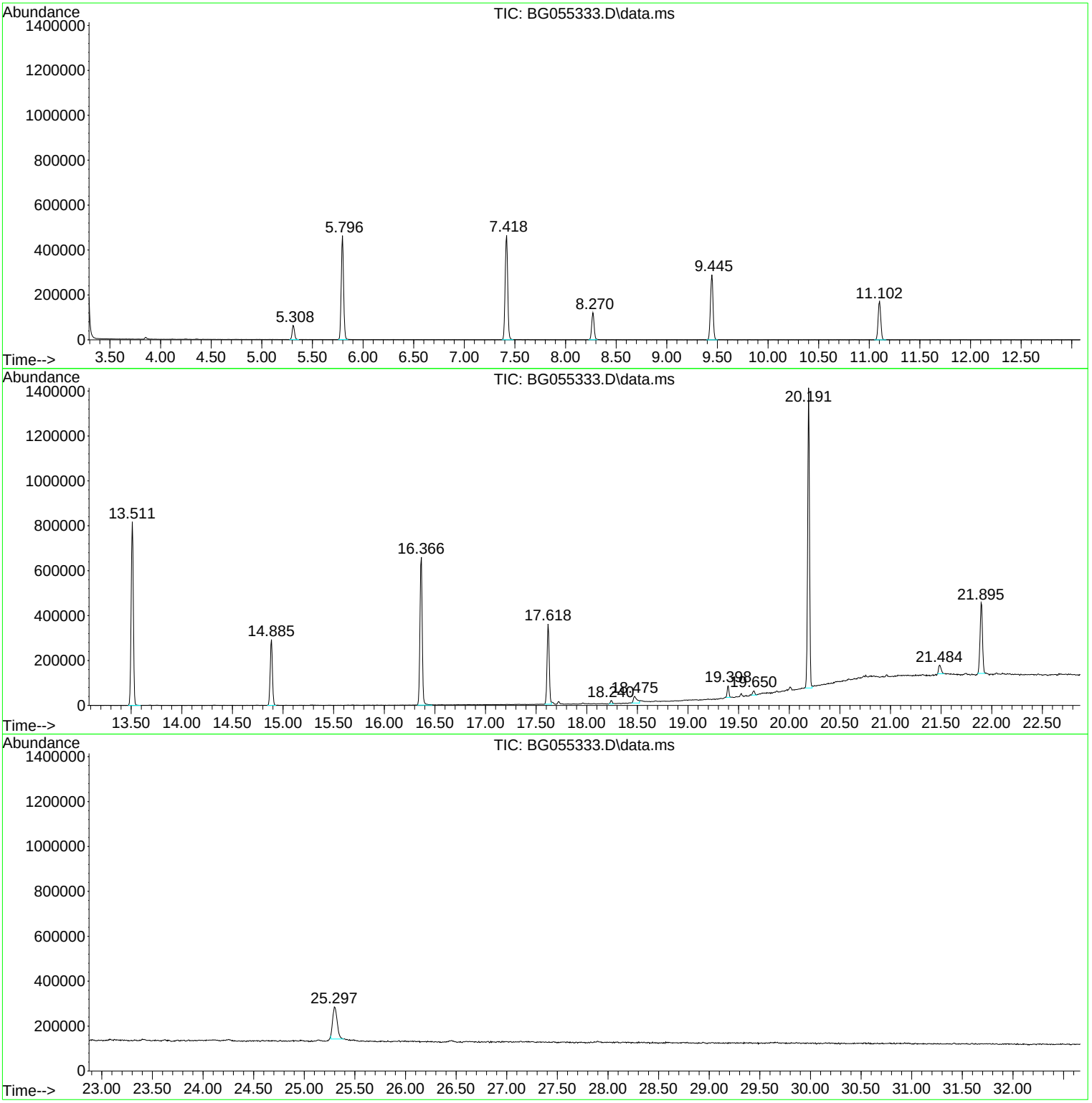
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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TIC Integration Parameters: LSCINT.P

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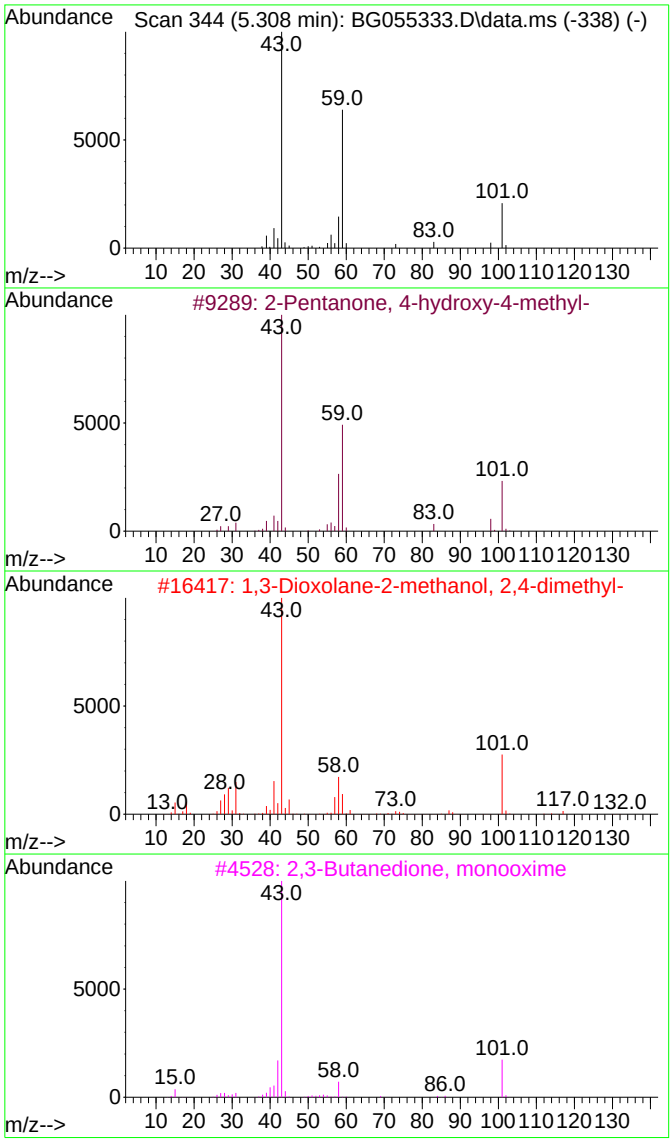
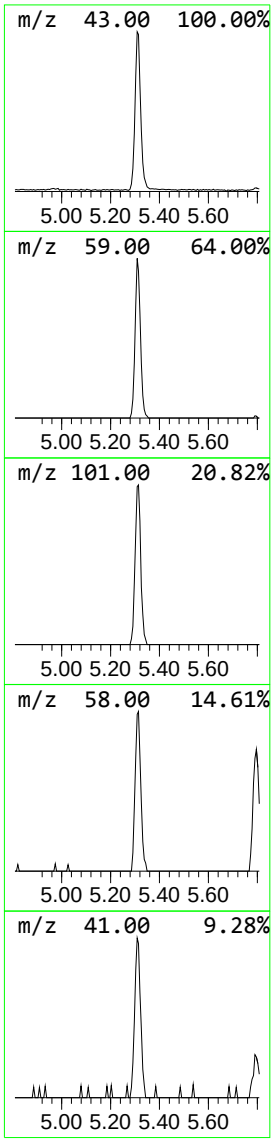
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.308	10.33 ng	102293	1,4-Dichlorobenzene-d4	8.270

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23





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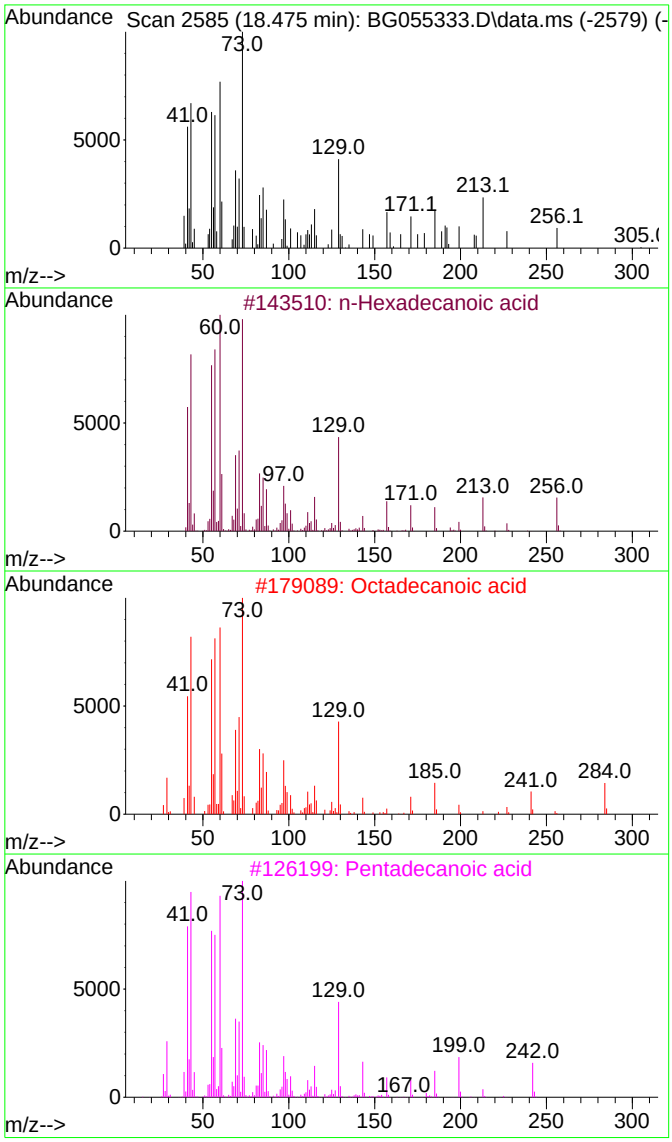
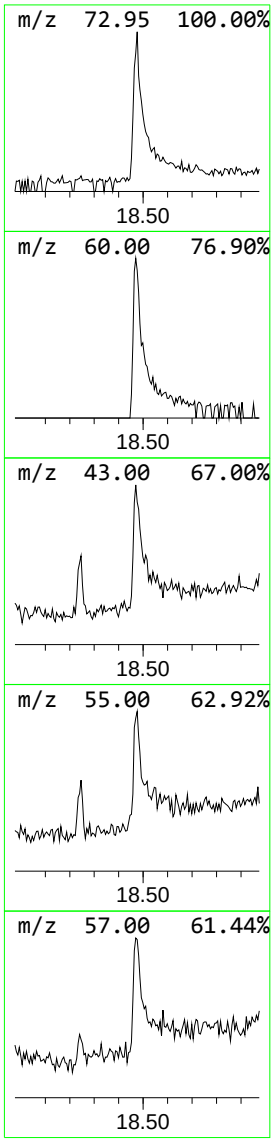
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	2.83 ng	75504	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





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ClientSampleId :
IRV-SOIL-1025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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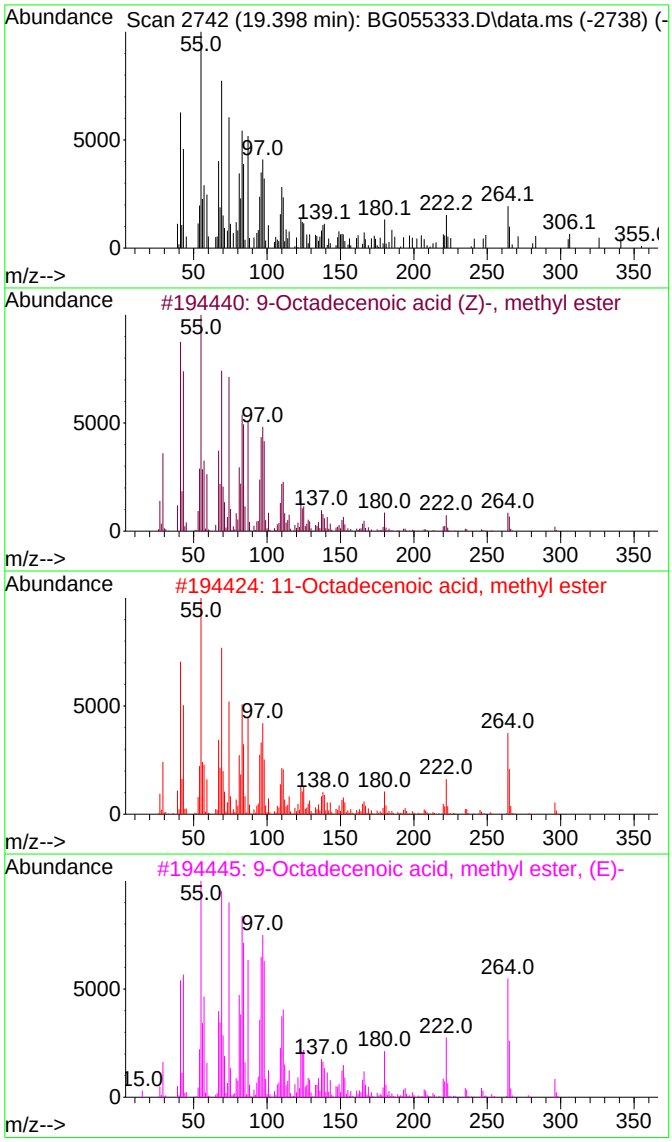
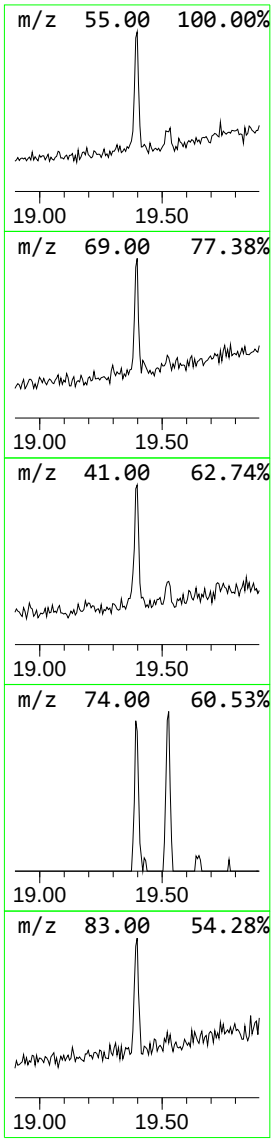
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.32 ng	61932	Phenanthrene-d10	17.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	93
2	11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	91
3	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	90
4	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	83
5	9-Octadecenoic acid, methyl ester	296	C19H36O2	002462-84-2	78





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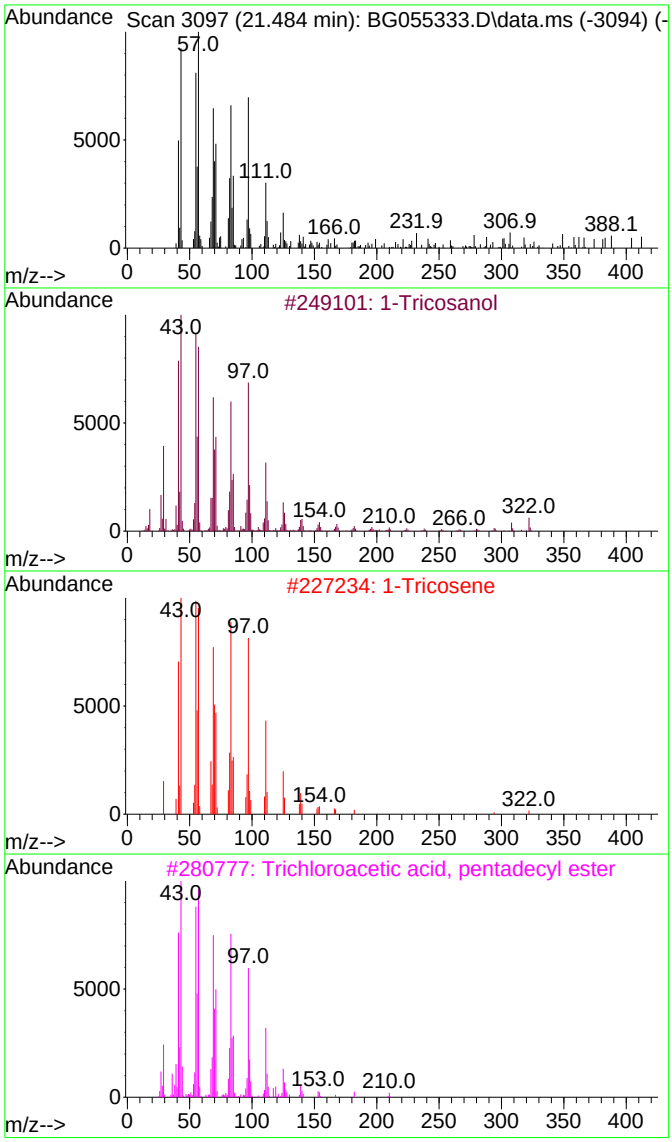
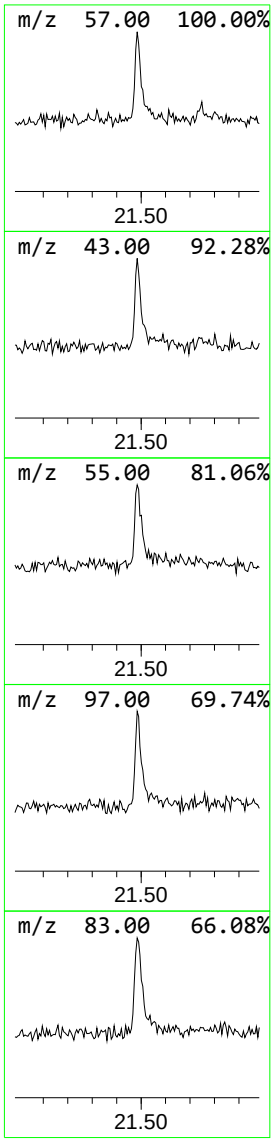
Peak Number 4 1-Tricosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.484	2.53 ng	66295	Chrysene-d12	21.895

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosanol	340	C23H48O	003133-01-5	90
2	1-Tricosene	322	C23H46	018835-32-0	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	86
4	Heptacos-1-ene	378	C27H54	015306-27-1	86
5	1-Docosene	308	C22H44	001599-67-3	80





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.308	10.3	ng	102293	1	8.270	198028	20.0
n-Hexadecanoic ...	18.475	2.8	ng	75504	4	17.618	533300	20.0
9-Octadecenoic ...	19.398	2.3	ng	61932	4	17.618	533300	20.0
1-Tricosanol	21.484	2.5	ng	66295	5	21.895	524124	20.0