LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
Data File : BG055134.D
Acq On : 11 Oct 2022 20:06
Operator : CG/JU
Sample : N5083-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

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-BG100322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.366	8	13	31	rVB	229183	363016	25.01%	3.757%
2	5.375	349	355	364	rBV	111336	173147	11.93%	1.792%
3	5.851	428	436	448	rVB	478013	763115	52.58%	7.898%
4	7.461	702	710	719	rBV	489256	851893	58.70%	8.816%
5	8.331	850	858	871	rBV	148492	250632	17.27%	2.594%
6	9.500	1049	1057	1068	rVB	295482	526197	36.26%	5.446%
7	10.904	1290	1296	1304	rVB	16790	27607	1.90%	0.286%
8	11.163	1332	1340	1347	rVB	204302	366986	25.29%	3.798%
9	13.566	1742	1749	1757	rBV	823010	1247950	85.99%	12.915%
10	14.935	1973	1982	1989	rBV	333018	521005	35.90%	5.392%
11	16.410	2227	2233	2242	rBV	631317	932827	64.28%	9.654%
12	17.673	2440	2448	2452	rBV	365829	575614	39.66%	5.957%
13	17.714	2452	2455	2462	rVB	31979	49956	3.44%	0.517%
14	18.519	2588	2592	2598	rBV3	66473	101688	7.01%	1.052%
15	19.700	2789	2793	2799	rVB	75901	104830	7.22%	1.085%
16	19.776	2804	2806	2809	rVV4	21398	23378	1.61%	0.242%
17	20.058	2851	2854	2860	rVB	66389	95805	6.60%	0.992%
18	20.246	2880	2886	2891	rBV	1114105	1451213	100.00%	15.019%
19	21.562	3106	3110	3117	rBV2	94952	140863	9.71%	1.458%
20	21.962	3173	3178	3184	rVB2	315761	527371	36.34%	5.458%
21	25.422	3760	3767	3784	rVB2	167246	567455	39.10%	5.873%

Sum of corrected areas: 9662548

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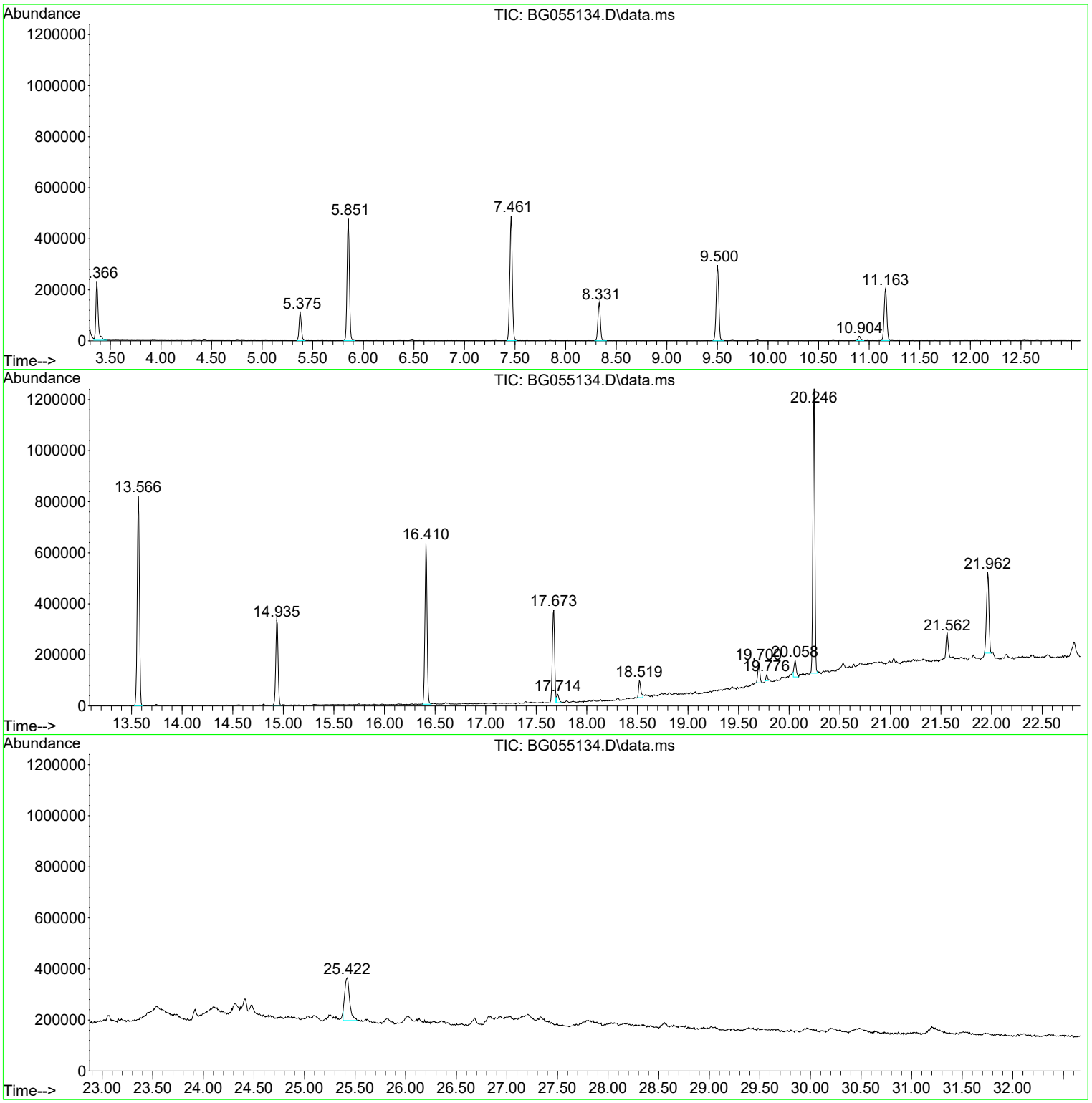
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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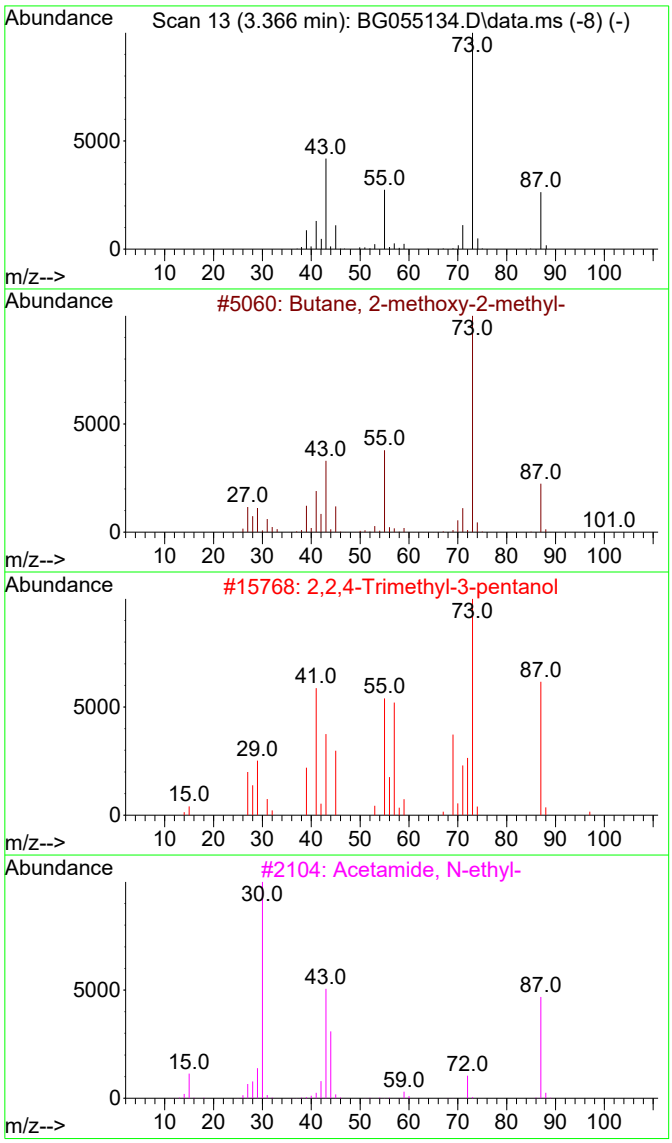
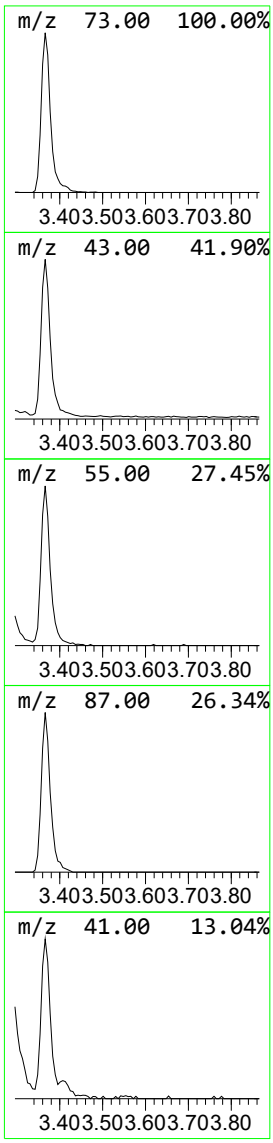
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.366	28.97 ng	363016	1,4-Dichlorobenzene-d4	8.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25





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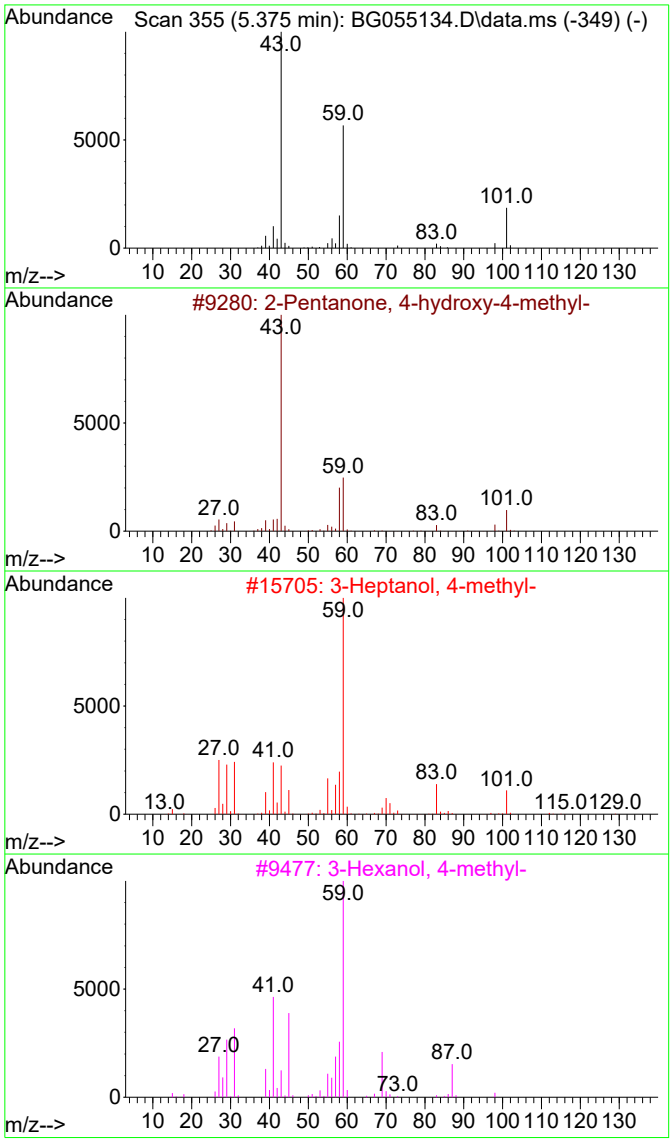
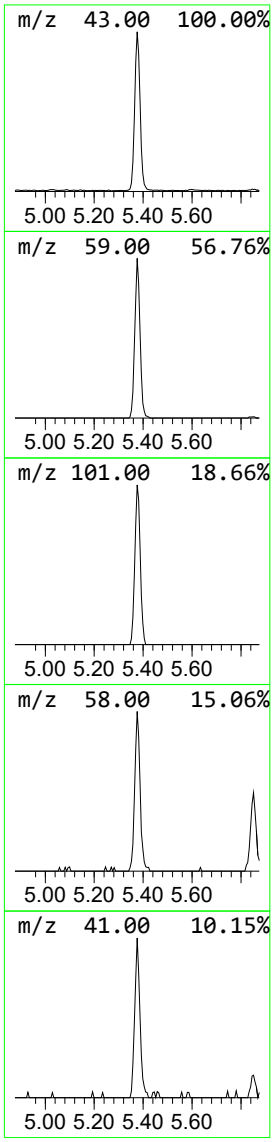
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.375	13.82 ng	173147	1,4-Dichlorobenzene-d4	8.331

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	23





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Sample : N5083-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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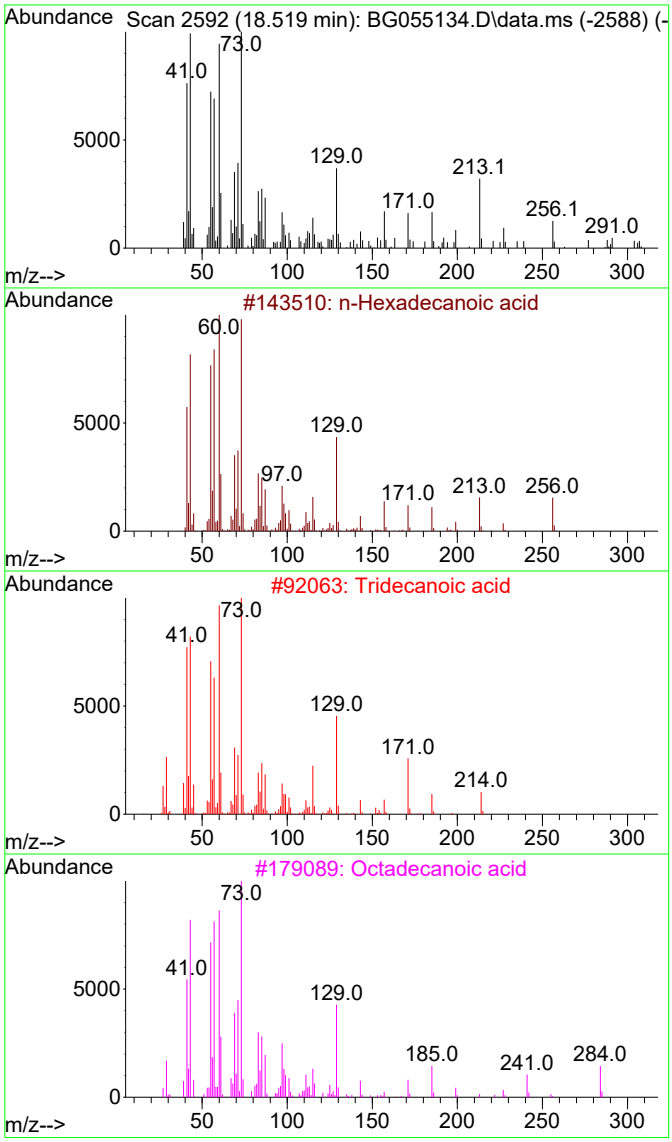
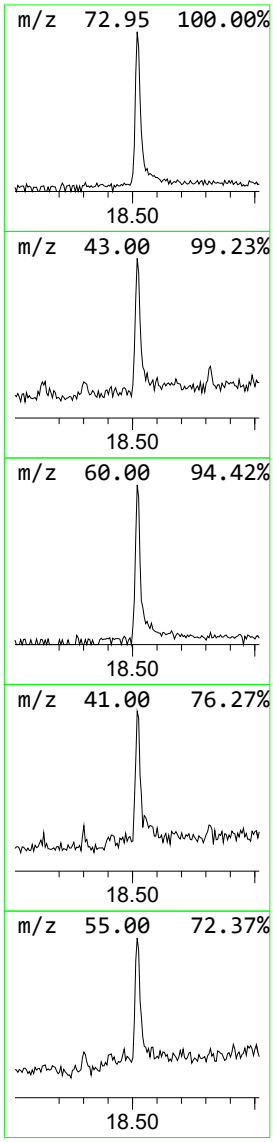
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.519	3.53 ng	101688	Phenanthrene-d10	17.673

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	83





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Sample : N5083-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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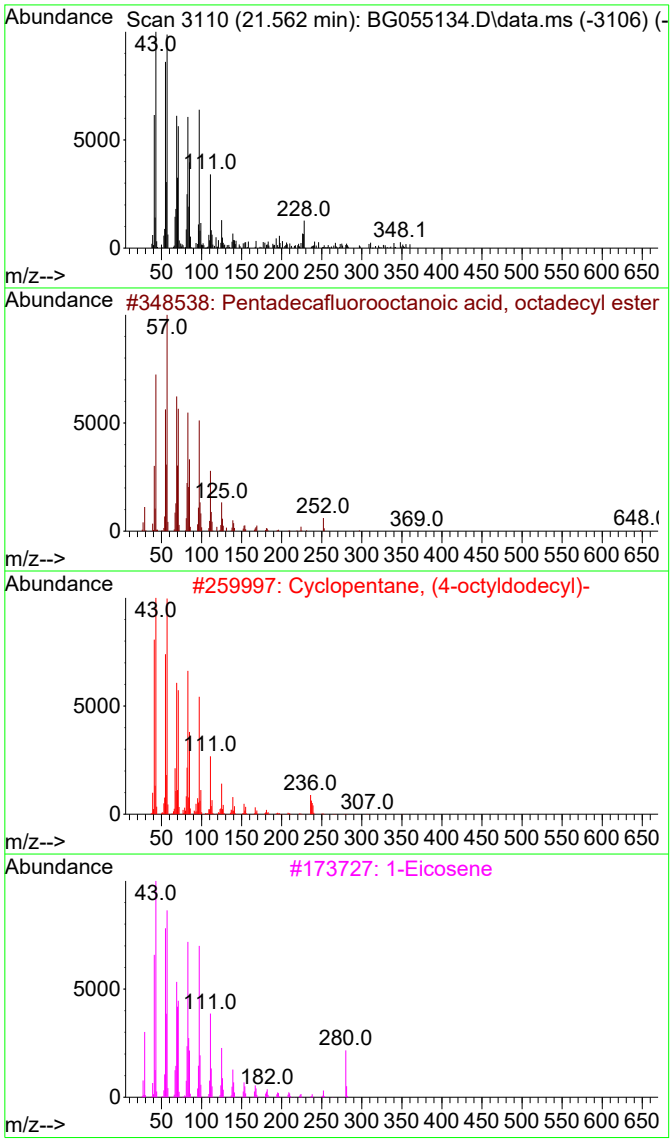
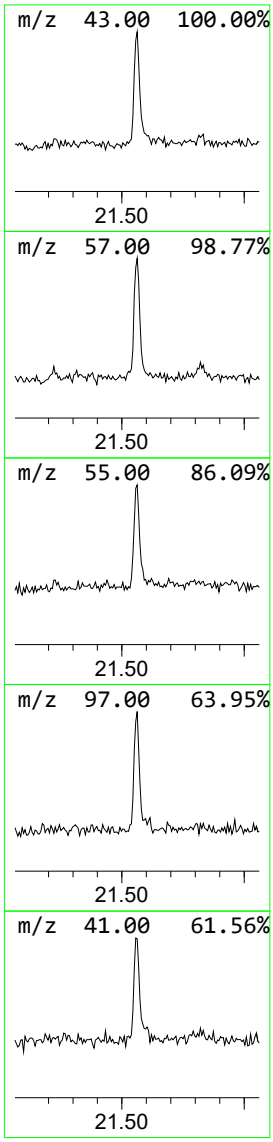
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.562	5.34 ng	140863	Chrysene-d12	21.962

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
2	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	93
3	1-Eicosene	280	C20H40	003452-07-1	93
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	89
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.366	29.0	ng	363016	1	8.331	250632	20.0
2-Pentanone, 4-...	5.375	13.8	ng	173147	1	8.331	250632	20.0
n-Hexadecanoic ...	18.519	3.5	ng	101688	4	17.673	575614	20.0
Pentadecafluoro...	21.562	5.3	ng	140863	5	21.962	527371	20.0