LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102521\
Data File : BG050723.D
Acq On : 25 Oct 2021 23:35
Operator : CG/JU
Sample : M4256-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 454BASIN-20211014

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: BG050723.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.791	385	392	410	rVB	543066	968285	56.58%	8.879%
2	7.395	656	665	678	rBV	580767	1065979	62.29%	9.775%
3	8.253	803	811	822	rVB	165221	300923	17.58%	2.759%
4	9.422	1002	1010	1021	rBV	372052	680018	39.73%	6.236%
5	10.820	1241	1248	1257	rBV	55128	107383	6.27%	0.985%
6	11.073	1284	1291	1299	rBV	237877	446971	26.12%	4.099%
7	13.494	1695	1703	1711	rVB	946376	1444164	84.39%	13.243%
8	14.868	1931	1937	1945	rVB	384126	611377	35.72%	5.606%
9	16.355	2183	2190	2199	rBV	632966	980739	57.31%	8.993%
10	17.612	2398	2404	2410	rBV	423418	688000	40.20%	6.309%
11	17.653	2410	2411	2416	rVB	29771	35876	2.10%	0.329%
12	18.247	2508	2512	2519	rBV2	15653	22230	1.30%	0.204%
13	18.411	2537	2540	2545	rBV4	15450	23005	1.34%	0.211%
14	18.470	2545	2550	2557	rBV2	78122	119704	6.99%	1.098%
15	19.657	2748	2752	2757	rVB	40142	62140	3.63%	0.570%
16	19.727	2762	2764	2770	rVV7	14393	21691	1.27%	0.199%
17	20.015	2810	2813	2818	rVB	29458	37581	2.20%	0.345%
18	20.203	2839	2845	2851	rBV	1315365	1711397	100.00%	15.693%
19	20.938	2966	2970	2975	rVB	717797	841819	49.19%	7.719%
20	21.514	3064	3068	3079	rBV	89653	188109	10.99%	1.725%
21	21.913	3131	3136	3143	rVB	314066	547966	32.02%	5.025%

Sum of corrected areas: 10905357

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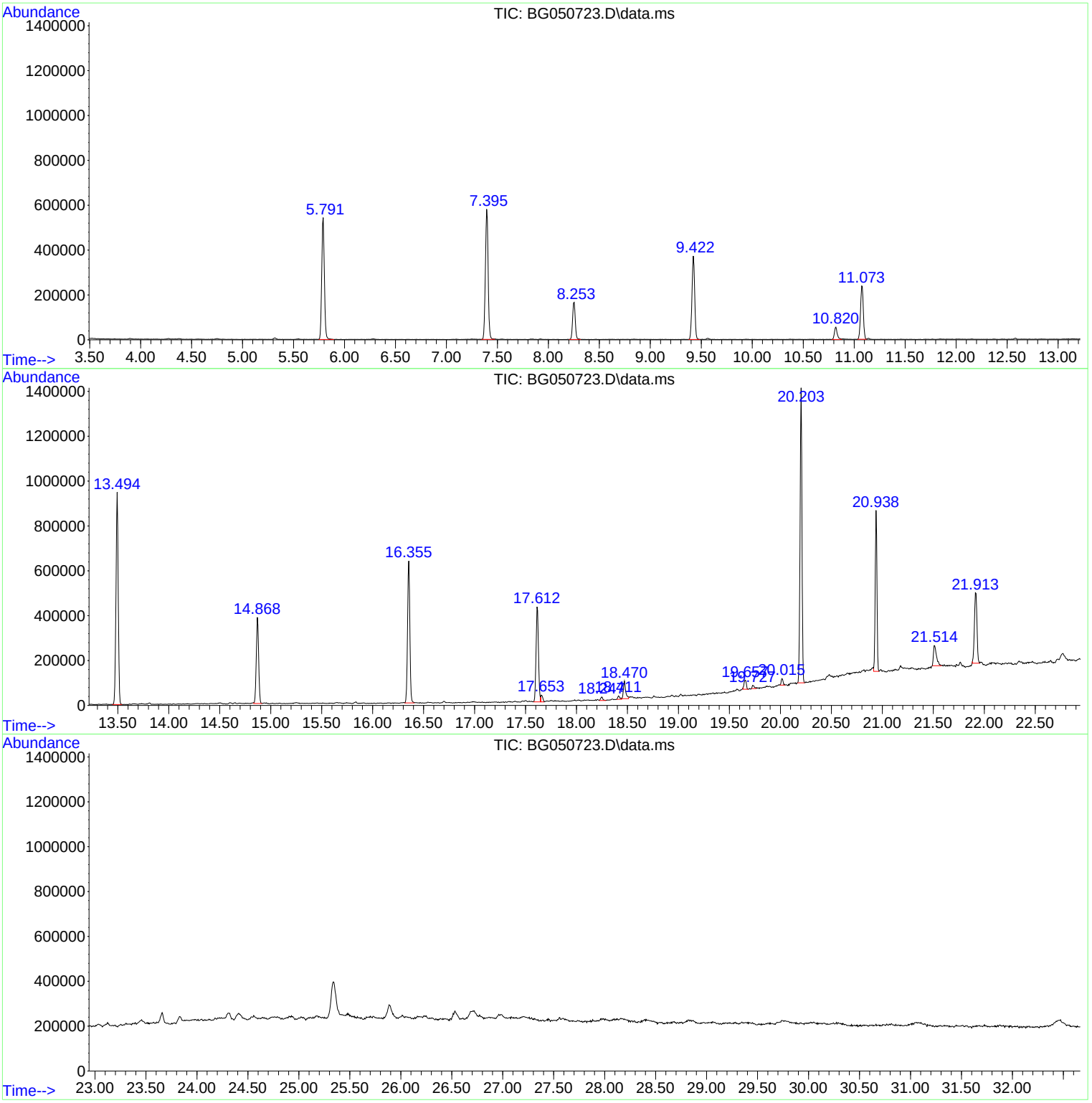
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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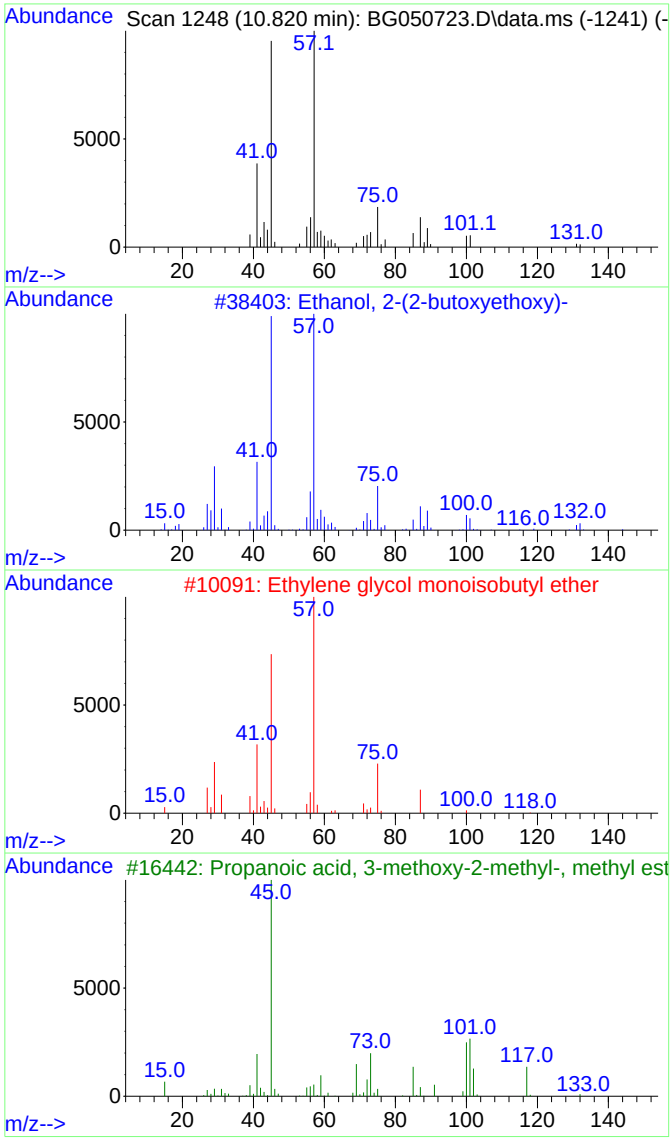
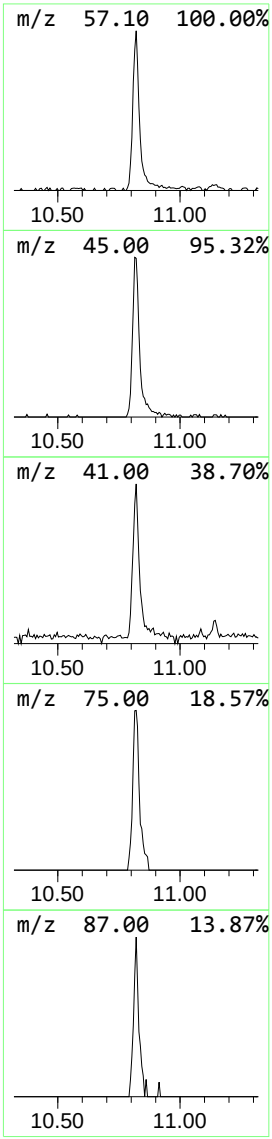
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.820	4.80 ng	107383	Naphthalene-d8	11.079

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Propanoic acid, 3-methoxy-2-meth...	132	C6H12O3	003852-11-7	53
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	53
5	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	50





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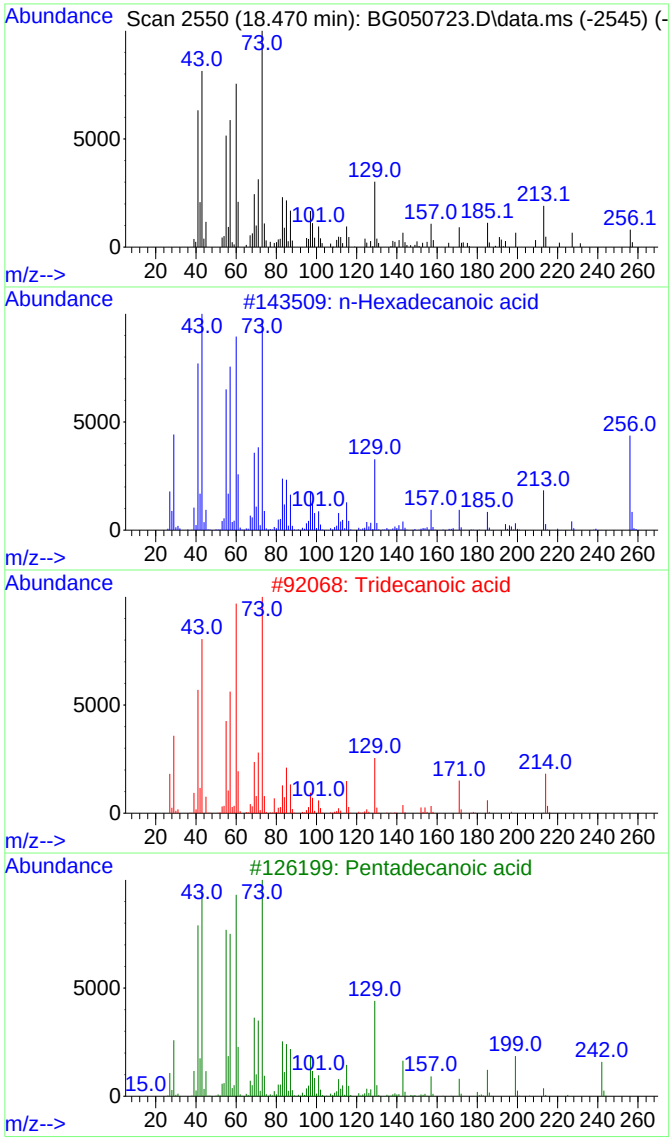
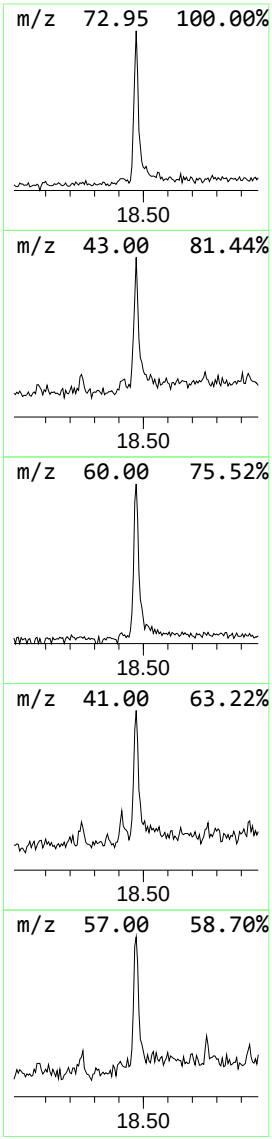
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	3.48 ng	119704	Phenanthrene-d10	17.612

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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BNA_G
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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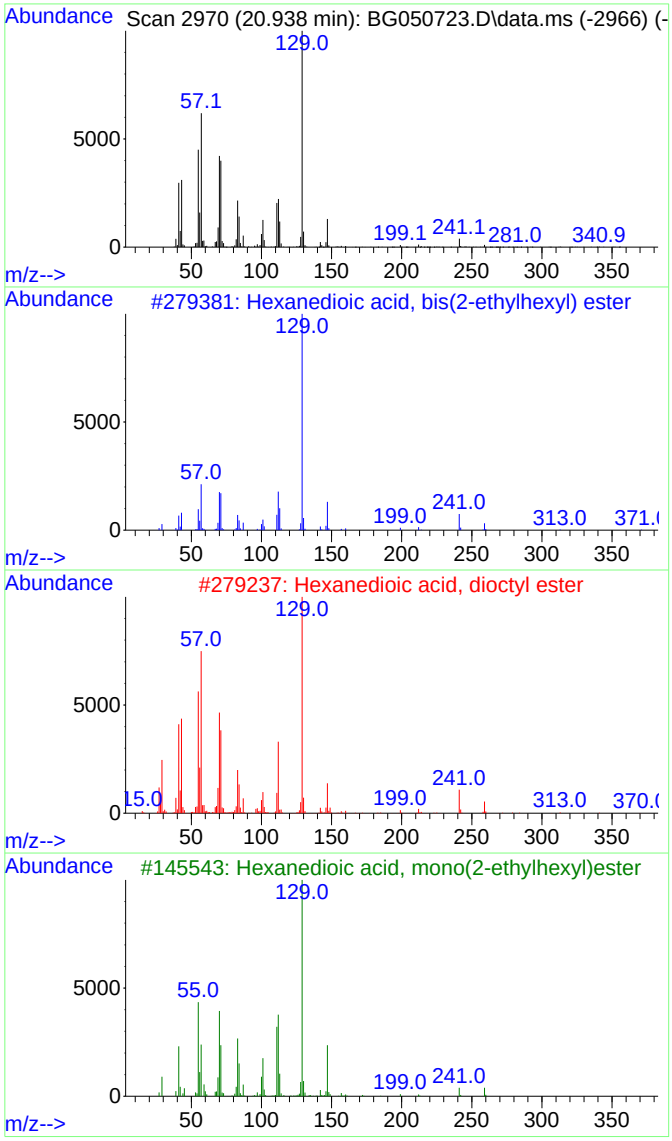
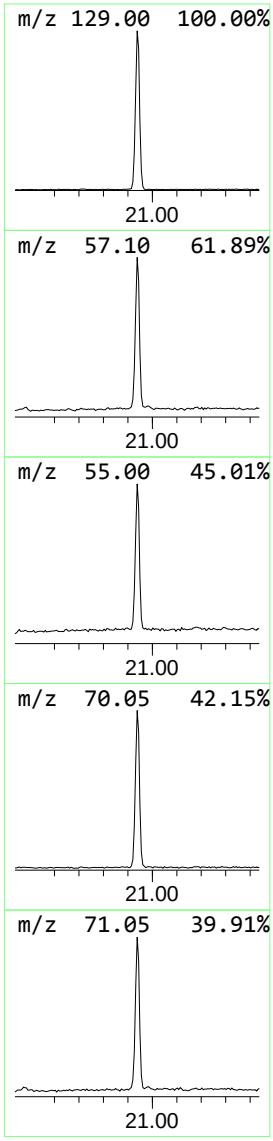
****
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.938	30.73 ng	841819	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	74
3	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	52
4	Adipic acid, 2-ethylhexyl isobut...	314	C18H34O4	1010324-48-0	47
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	38





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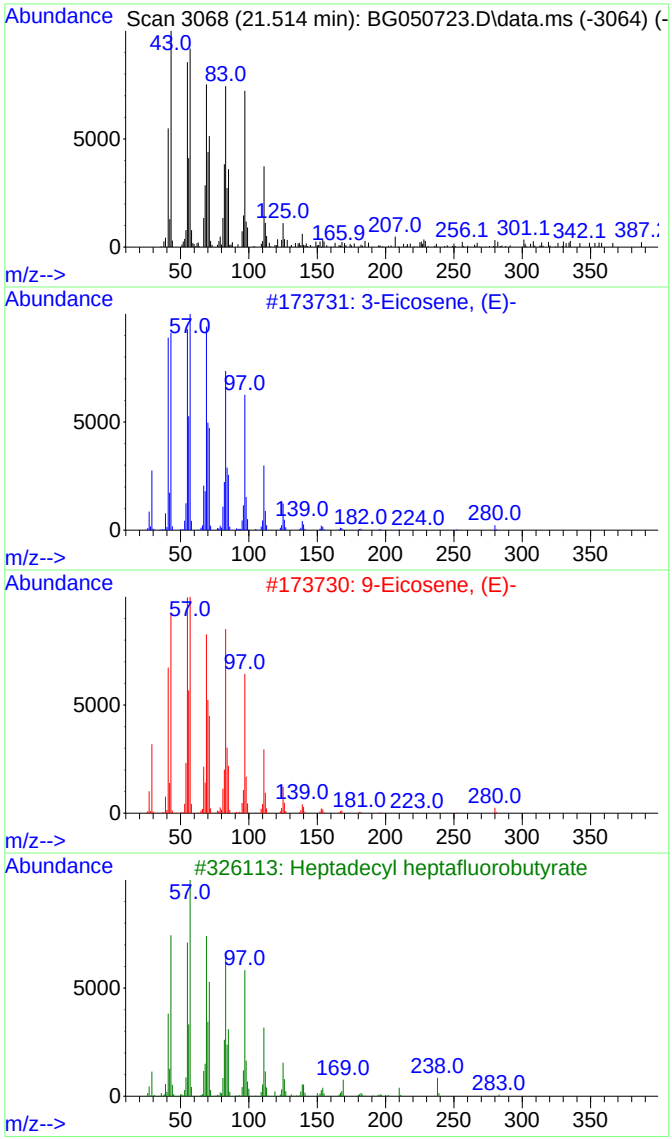
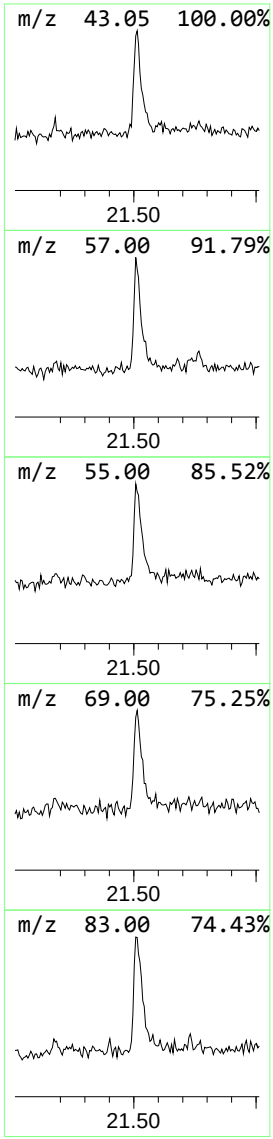
****

Peak Number 4 3-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.514	6.87 ng	188109	Chrysene-d12	21.919

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





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
Ethanol, 2-(2-b...	10.820	4.8	ng	107383	2	11.079	446971	20.0
n-Hexadecanoic ...	18.470	3.5	ng	119704	4	17.612	688000	20.0
Hexanedioic aci...	20.938	30.7	ng	841819	5	21.919	547966	20.0
3-Eicosene, (E)-	21.514	6.9	ng	188109	5	21.919	547966	20.0