LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037571.D
Acq On : 26 Oct 2018 8:42
Operator : JU/SJ
Sample : J5655-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S37-0002

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-BG101818.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	5.644	394	401	409	rBV	411537	692525	19.40%	3.611%
2	7.242	665	673	686	rBV	280673	497611	13.94%	2.595%
3	7.630	731	739	748	rBV	755384	1351224	37.85%	7.046%
4	8.100	812	819	830	rBV	188511	345927	9.69%	1.804%
5	8.423	865	874	884	rBV	640718	1170752	32.79%	6.105%
6	9.281	1011	1020	1028	rBV	594843	1095812	30.69%	5.714%
7	10.920	1292	1299	1308	rBV	286399	533379	14.94%	2.781%
8	13.358	1704	1714	1724	rBV	1681266	2692646	75.42%	14.041%
9	14.181	1847	1854	1860	rBV	179015	275110	7.71%	1.435%
10	14.733	1940	1948	1957	rBV2	499137	827297	23.17%	4.314%
11	16.220	2194	2201	2213	rBV	1298947	2045646	57.30%	10.667%
12	17.483	2410	2416	2429	rVB	662364	1032061	28.91%	5.382%
13	17.835	2471	2476	2484	rBV5	18573	36194	1.01%	0.189%
14	18.335	2554	2561	2571	rBV	86659	156156	4.37%	0.814%
15	19.199	2703	2708	2715	rBV6	18468	38094	1.07%	0.199%
16	19.604	2772	2777	2783	rBV5	41589	73970	2.07%	0.386%
17	20.080	2852	2858	2871	rBV	2581874	3570096	100.00%	18.616%
18	21.372	3073	3078	3088	rBV3	57888	118150	3.31%	0.616%
19	21.766	3137	3145	3152	rBV2	584216	1052259	29.47%	5.487%
20	22.542	3272	3277	3282	rBV3	39237	63323	1.77%	0.330%
21	23.253	3393	3398	3405	rVB2	50554	97201	2.72%	0.507%
22	23.452	3427	3432	3442	rVB2	35875	74972	2.10%	0.391%
23	24.087	3533	3540	3547	rVB	53545	113123	3.17%	0.590%
24	25.098	3699	3712	3726	rBV3	328277	1121106	31.40%	5.846%
25	26.226	3897	3904	3913	rBV4	31769	102463	2.87%	0.534%

Sum of corrected areas: 19177097

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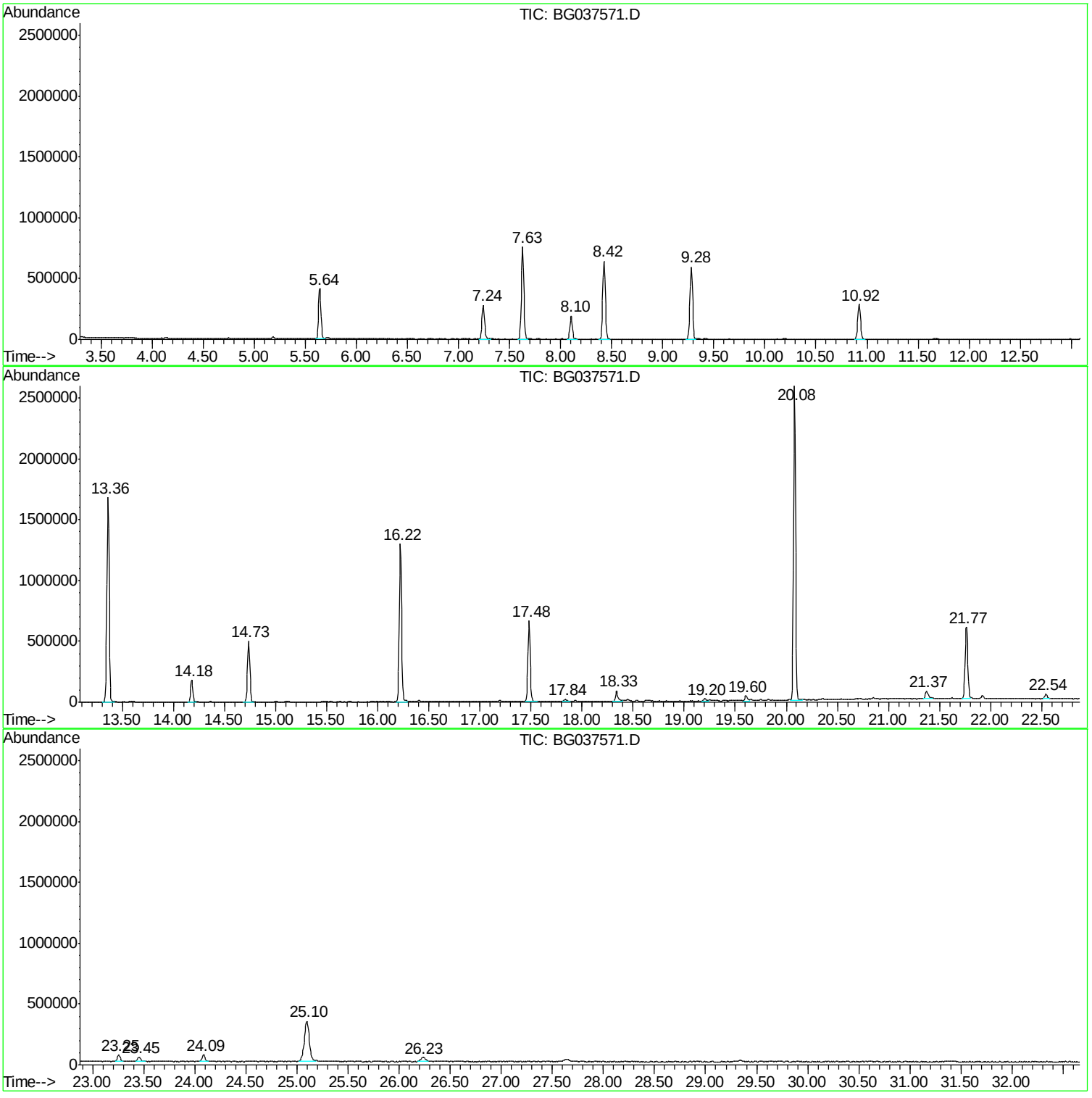
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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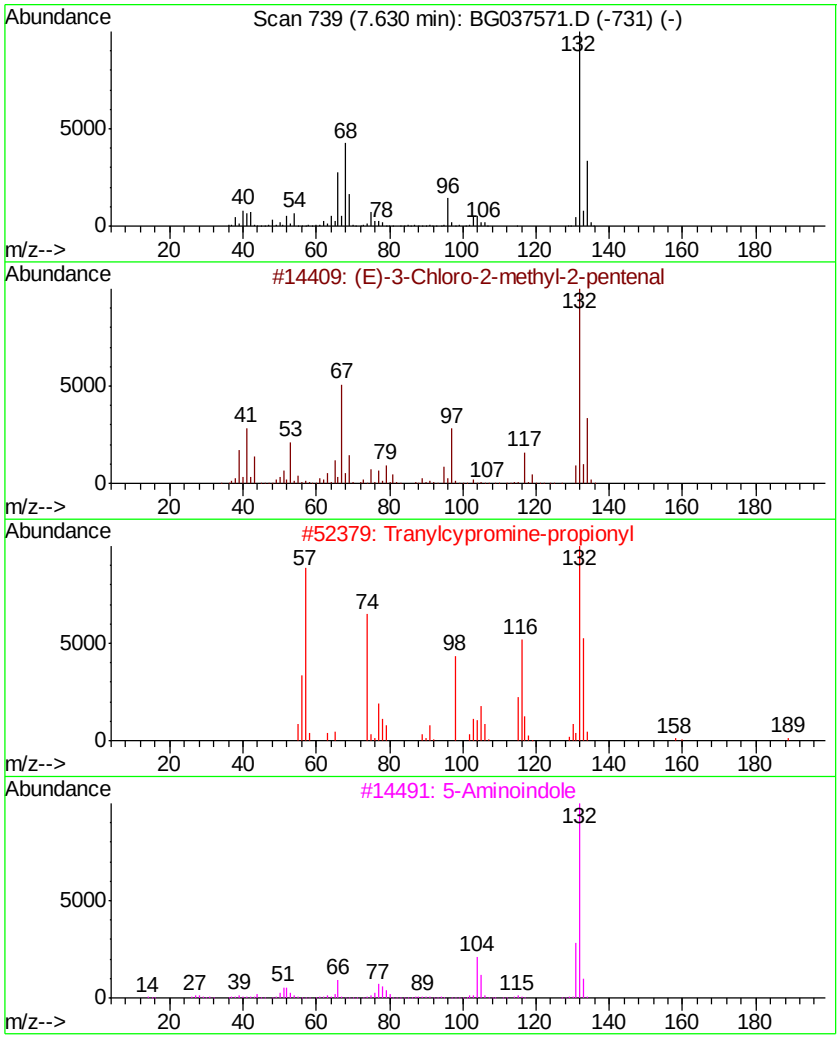
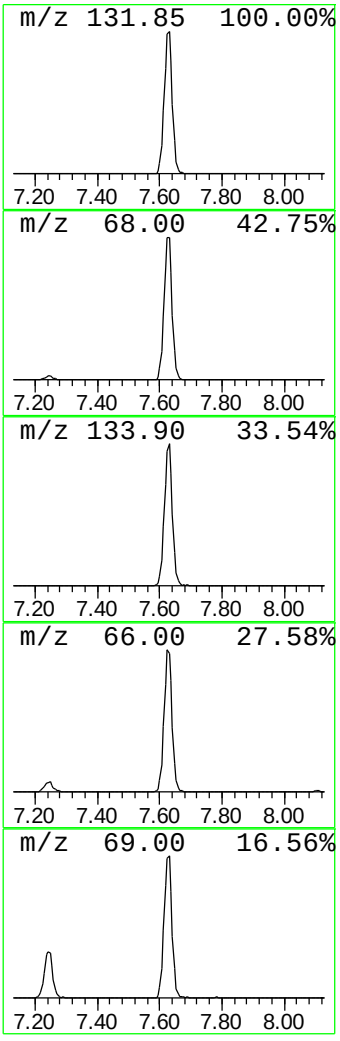
Peak Number 1 unknown7.63 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	78.12 ng	1351220	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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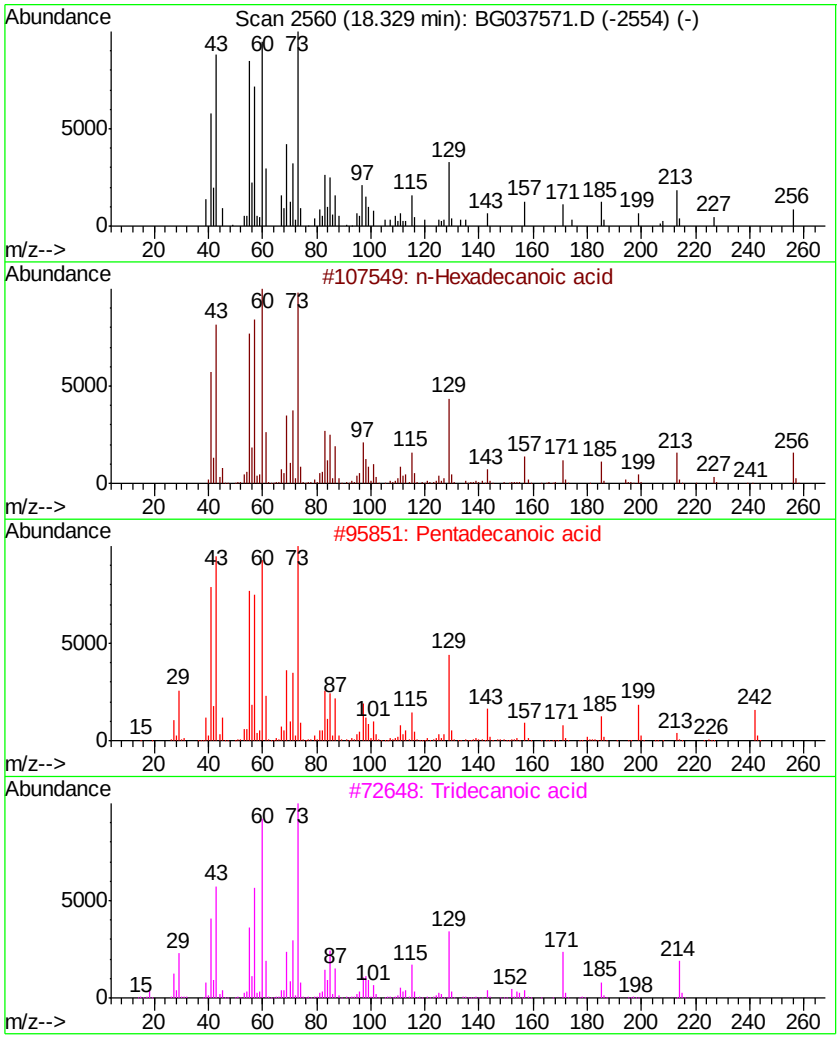
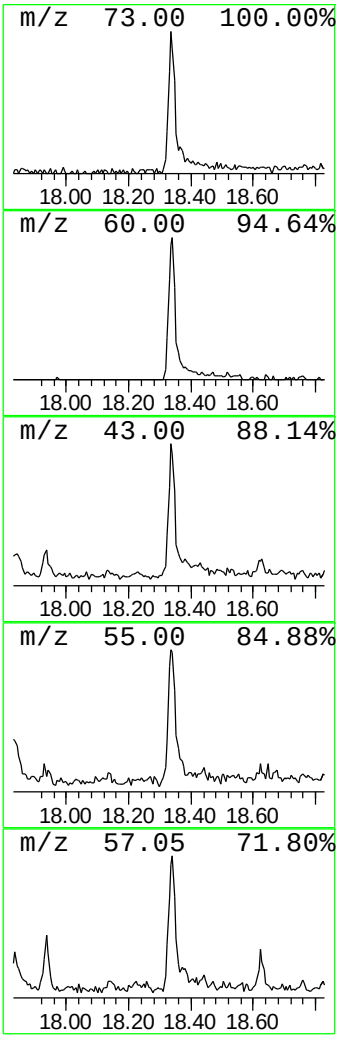
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	3.03 ng	156156	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Dodecanoic acid	200	C12H24O2	000143-07-7	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Instrument : BNA_G
ClientSampleId : S37-0002

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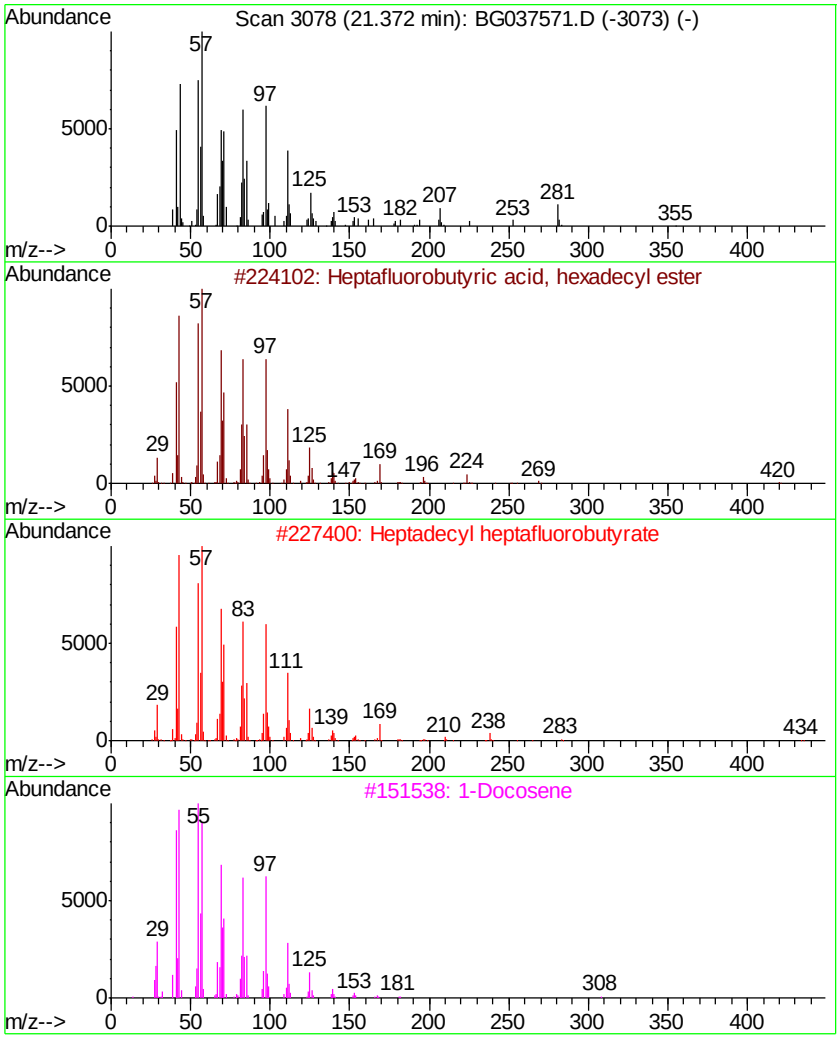
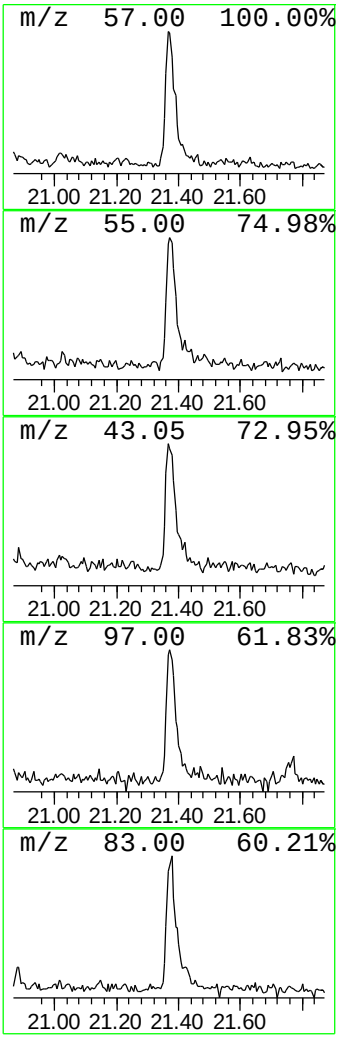
Peak Number 4 Heptafluorobutyric acid, he... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.25 ng	118150	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	90
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	87





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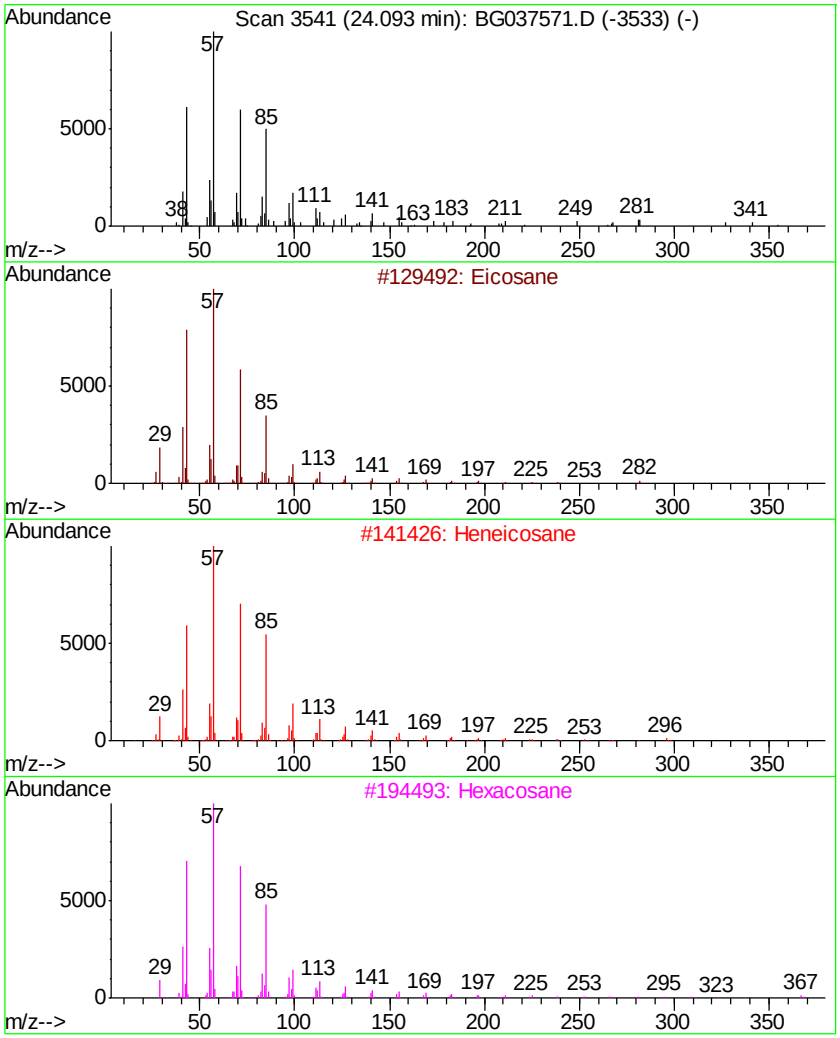
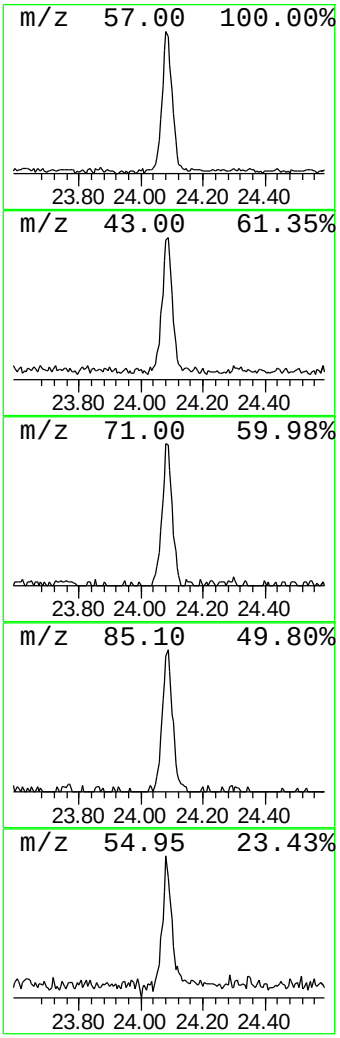
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.09	2.02 ng	113123	Perylene-d12	25.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	87
4	Docosane	310	C22H46	000629-97-0	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.63	7.63	78.1	ng	1351220	1	8.10	345927	20.0
n-Hexadecanoic acid	18.33	3.0	ng	156156	4	17.48	1032060	20.0
Heptafluorobutyri...	21.37	2.3	ng	118150	5	21.77	1052260	20.0
Eicosane	24.09	2.0	ng	113123	6	25.10	1121110	20.0