LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035228.D
Acq On : 24 May 2022 20:33
Operator : CG/JU
Sample : N2981-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-8(0.5-1)

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_M\Methods\8270-BM042722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM035228.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	322	327	336	rBV	75425	114466	2.40%	0.371%
2	5.475	400	406	422	rBV	1457112	2162113	45.34%	7.016%
3	7.069	670	677	691	rBV	1410841	2260860	47.41%	7.337%
4	7.899	812	818	827	rBV	461546	732260	15.36%	2.376%
5	9.057	1008	1015	1028	rBV	914539	1529606	32.08%	4.964%
6	10.698	1284	1294	1309	rBV	590651	1009003	21.16%	3.274%
7	13.163	1706	1713	1734	rBV	2186865	3411400	71.54%	11.071%
8	14.533	1939	1946	1955	rBV	790887	1272819	26.69%	4.131%
9	16.022	2192	2199	2221	rBV	1622168	2574677	53.99%	8.355%
10	17.280	2404	2413	2417	rBV	1056283	1517388	31.82%	4.924%
11	17.321	2417	2420	2427	rVV	192048	278788	5.85%	0.905%
12	17.410	2431	2435	2440	rVB	40434	60770	1.27%	0.197%
13	18.121	2552	2556	2560	rBV	122327	175258	3.68%	0.569%
14	18.186	2560	2567	2581	rVB2	357970	677645	14.21%	2.199%
15	18.351	2590	2595	2599	rBV3	50051	95690	2.01%	0.311%
16	18.392	2599	2602	2608	rVB2	34401	51572	1.08%	0.167%
17	19.074	2713	2718	2723	rBV2	36191	69192	1.45%	0.225%
18	19.339	2756	2763	2771	rBV	473204	706721	14.82%	2.293%
19	19.457	2777	2783	2787	rBV	124453	193480	4.06%	0.628%
20	19.668	2815	2819	2820	rBV	73245	76601	1.61%	0.249%
21	19.698	2820	2824	2833	rVB	372132	541924	11.36%	1.759%
22	19.780	2834	2838	2843	rBV3	28948	51573	1.08%	0.167%
23	19.904	2853	2859	2869	rBV	3885823	4768502	100.00%	15.475%
24	20.021	2876	2879	2887	rVB3	38934	93432	1.96%	0.303%
25	20.162	2899	2903	2905	rBV4	32867	51456	1.08%	0.167%
26	20.198	2906	2909	2912	rVB	69877	83580	1.75%	0.271%
27	20.357	2931	2936	2941	rVB2	52526	90364	1.90%	0.293%
28	20.945	3033	3036	3041	rBV	54007	83908	1.76%	0.272%
29	21.186	3073	3077	3083	rBV2	399472	515591	10.81%	1.673%
30	21.462	3118	3124	3128	rBV2	1558908	2343506	49.15%	7.605%
31	21.498	3128	3130	3137	rVB	279064	369790	7.75%	1.200%
32	23.127	3403	3407	3412	rBV	249708	504200	10.57%	1.636%
33	23.739	3508	3511	3519	rVB	234251	440931	9.25%	1.431%
34	23.845	3523	3529	3536	rBV2	933868	1906062	39.97%	6.185%

Sum of corrected areas: 30815128

Instrument :
BNA_M
ClientSampleId :
SB-8(0.5-1)

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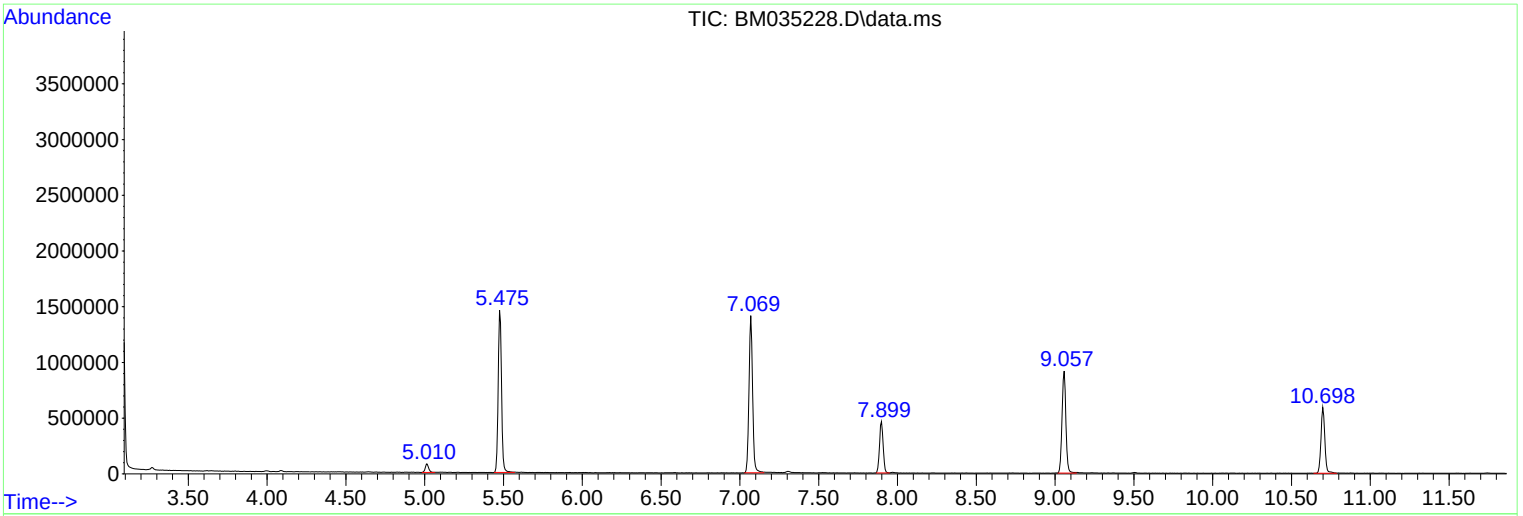
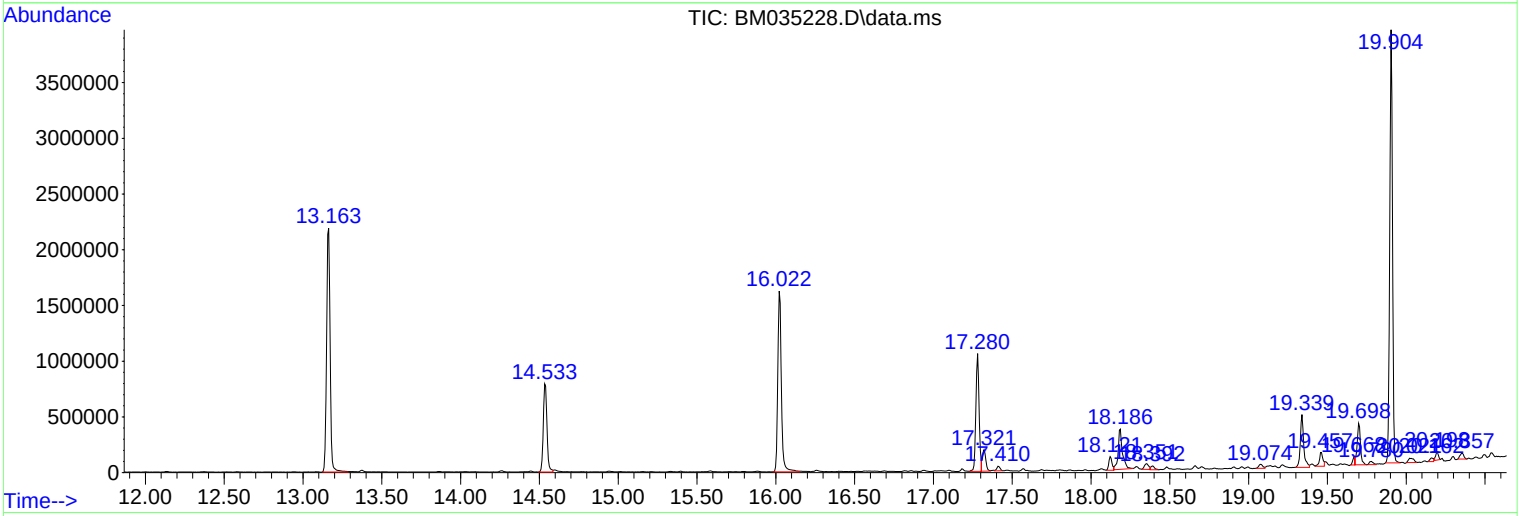
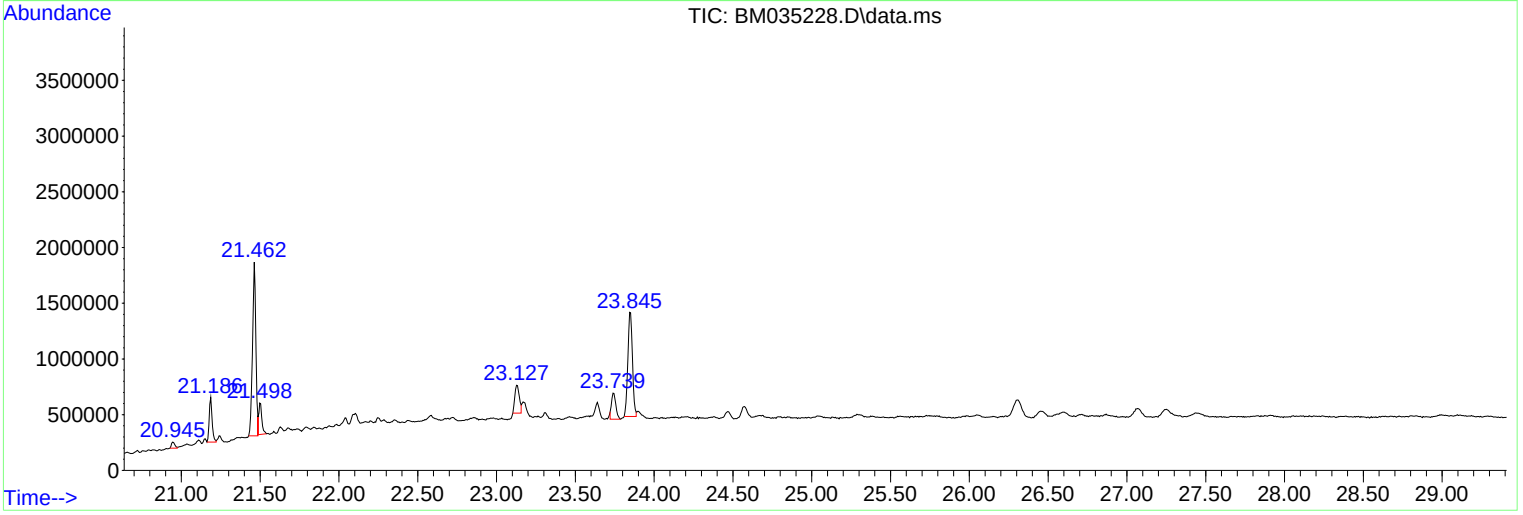
SB-8(0.5-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.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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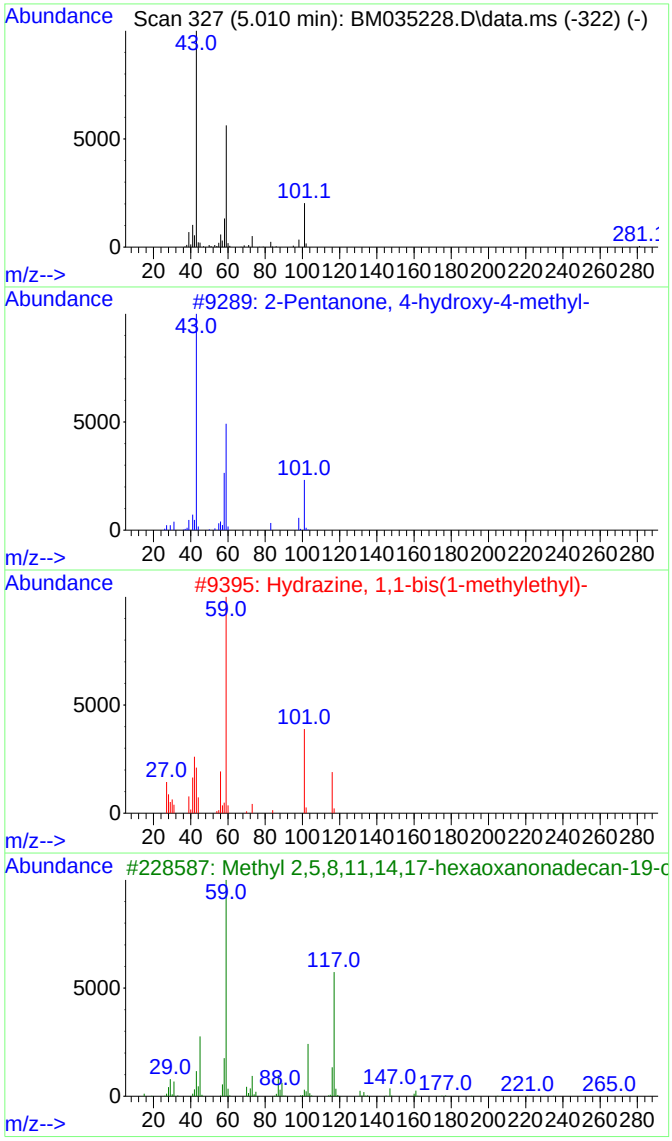
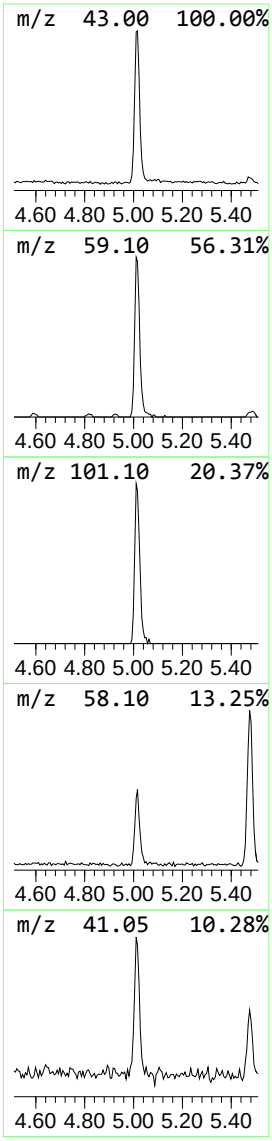
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	3.13 ng	114466	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	40
3	Methyl 2,5,8,11,14,17-hexaoxanon...	324	C14H28O8	1000366-81-4	25
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	23
5	Methyl 2,5,8,11-tetraoxatridecan...	236	C10H20O6	1000366-78-2	23





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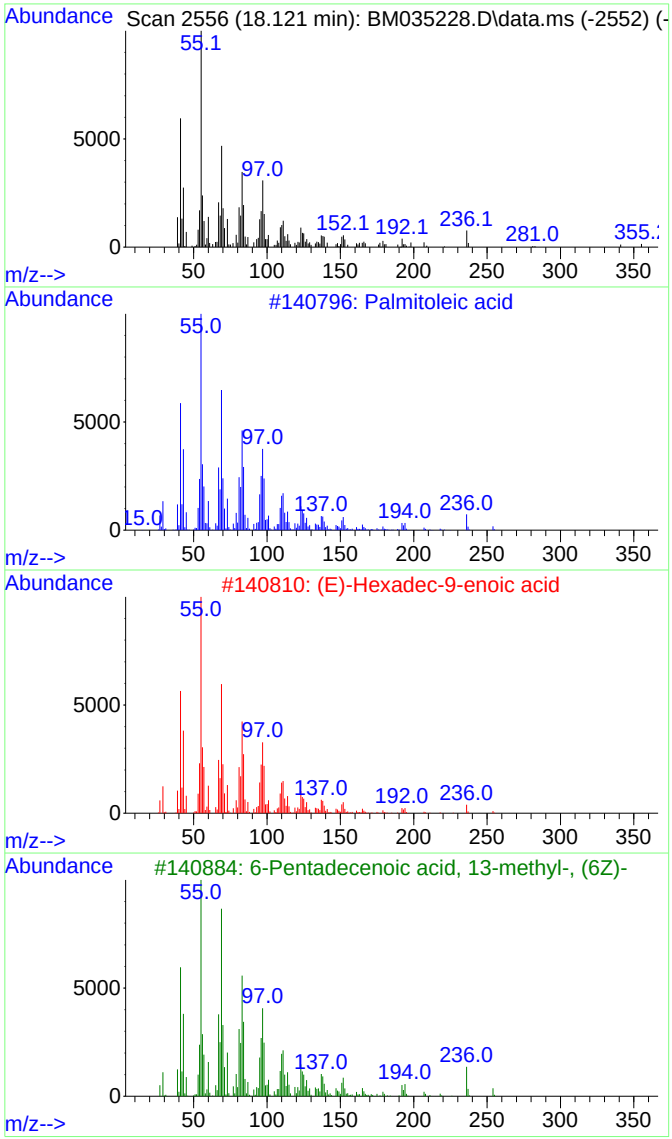
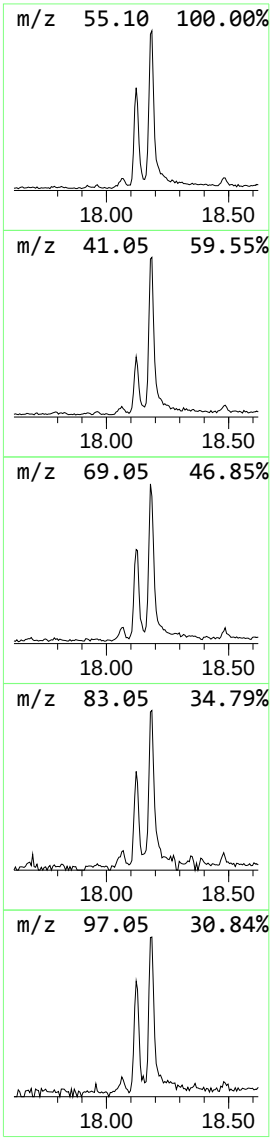
Peak Number 2 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	2.31 ng	175258	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	94
2	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	93
3	6-Pentadecenoic acid, 13-methyl-...	254	C16H30O2	682751-34-4	93
4	Oxacycloheptadecan-2-one	254	C16H30O2	000109-29-5	91
5	13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	83





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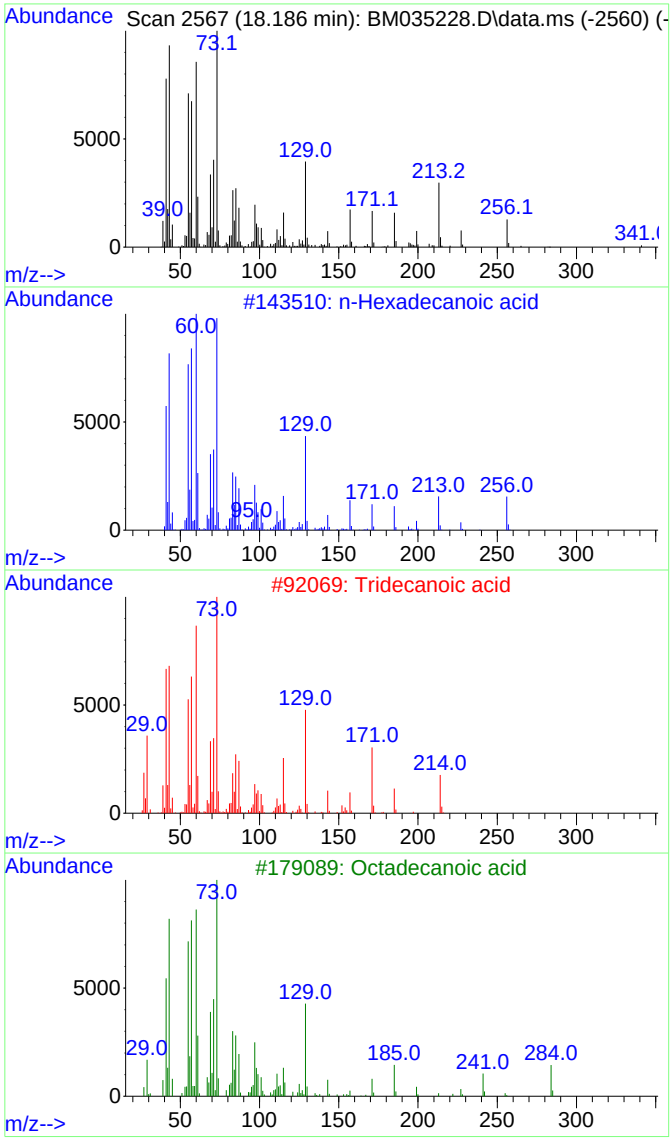
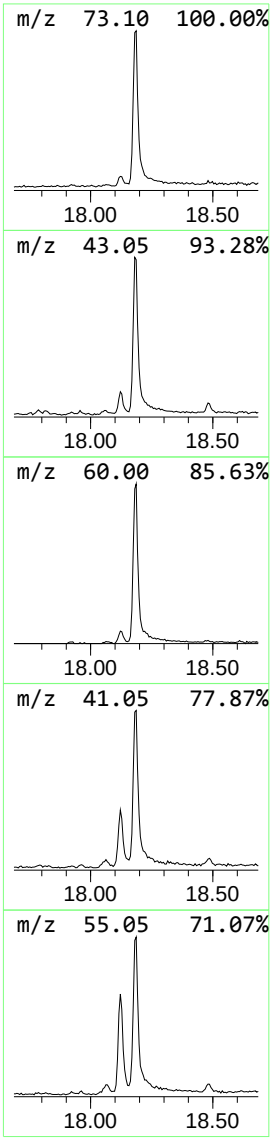
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	8.93 ng	677645	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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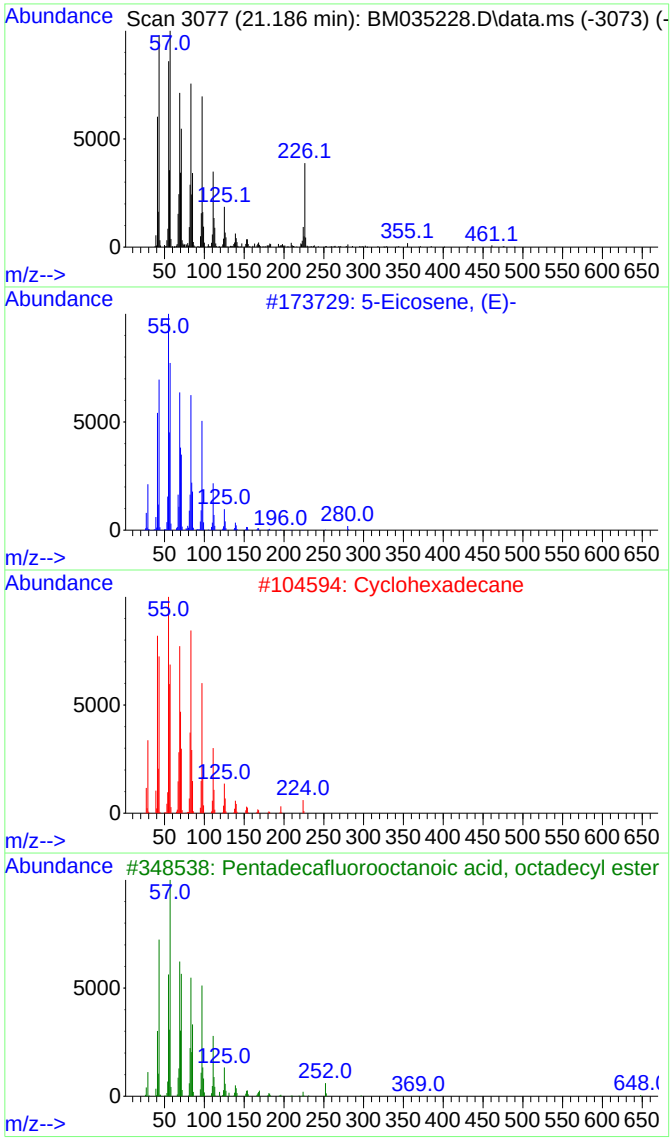
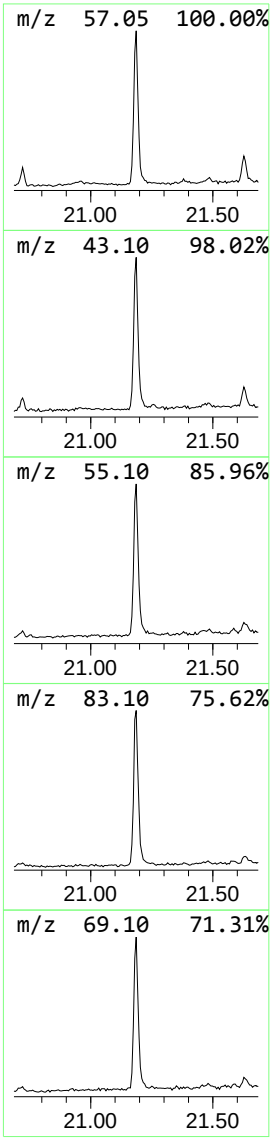
Peak Number 4 5-Eicosene, (E)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.186	4.40 ng	515591	Chrysene-d12	21.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
4	Z-8-Hexadecene	224	C16H32	1000130-87-5	93
5	Behenic alcohol	326	C22H46O	000661-19-8	93





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
2-Pentanone, 4-...	5.010	3.1	ng	114466	1	7.899	732260	20.0
Palmitoleic acid	18.121	2.3	ng	175258	4	17.280	1517390	20.0
n-Hexadecanoic ...	18.186	8.9	ng	677645	4	17.280	1517390	20.0
5-Eicosene, (E)-	21.186	4.4	ng	515591	5	21.462	2343510	20.0