LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
Data File : BG058889.D
Acq On : 29 Aug 2023 16:04
Operator : MA/JU
Sample : 04188-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WC-5

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-BG081823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058889.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.362	381	387	398	rBV	253956	394271	46.21%	6.626%
2	6.966	653	660	673	rBV	254496	443342	51.97%	7.450%
3	7.789	793	800	806	rBV	64103	108732	12.75%	1.827%
4	8.952	991	998	1009	rBV	150992	269708	31.61%	4.532%
5	10.591	1269	1277	1288	rBV	87200	161925	18.98%	2.721%
6	13.059	1690	1697	1707	rBV	391782	611135	71.63%	10.270%
7	14.440	1925	1932	1939	rBV	150128	227605	26.68%	3.825%
8	15.932	2180	2186	2199	rBV	357207	542001	63.53%	9.108%
9	17.183	2392	2399	2403	rBV	178176	270532	31.71%	4.546%
10	17.225	2403	2406	2414	rVV	52406	76686	8.99%	1.289%
11	17.319	2418	2422	2427	rVB2	6002	9144	1.07%	0.154%
12	18.071	2543	2550	2554	rBV2	74128	115086	13.49%	1.934%
13	18.259	2575	2582	2585	rBV2	12231	22549	2.64%	0.379%
14	18.294	2585	2588	2594	rVB5	7150	9811	1.15%	0.165%
15	18.558	2627	2633	2637	rBV2	6964	11510	1.35%	0.193%
16	18.611	2637	2642	2647	rVB5	7938	13821	1.62%	0.232%
17	18.981	2701	2705	2710	rBV3	6608	10757	1.26%	0.181%
18	19.122	2727	2729	2737	rVB6	7691	12573	1.47%	0.211%
19	19.246	2744	2750	2756	rVB	149174	207252	24.29%	3.483%
20	19.351	2764	2768	2774	rBV7	20228	36017	4.22%	0.605%
21	19.610	2807	2812	2817	rVB	112997	169441	19.86%	2.847%
22	19.680	2820	2824	2829	rVB3	8533	14719	1.73%	0.247%
23	19.804	2839	2845	2852	rBV	656161	853132	100.00%	14.337%
24	19.933	2861	2867	2874	rBV6	12913	28688	3.36%	0.482%
25	20.104	2893	2896	2902	rVB2	24662	33151	3.89%	0.557%
26	20.203	2909	2913	2917	rBV2	11860	16331	1.91%	0.274%
27	20.262	2917	2923	2925	rBV2	12082	21561	2.53%	0.362%
28	20.403	2943	2947	2950	rBV4	7226	10671	1.25%	0.179%
29	20.597	2977	2980	2986	rVB6	9923	13440	1.58%	0.226%
30	21.079	3058	3062	3066	rBV2	43949	59392	6.96%	0.998%
31	21.173	3073	3078	3081	rBV4	17451	26171	3.07%	0.440%
32	21.426	3113	3121	3126	rBV2	196060	402538	47.18%	6.765%
33	21.467	3126	3128	3134	rVB	55966	77000	9.03%	1.294%
34	22.383	3278	3284	3286	rBV7	11930	26073	3.06%	0.438%
35	22.800	3352	3355	3364	rVB5	39127	82052	9.62%	1.379%
36	23.517	3469	3477	3482	rBV	41286	120472	14.12%	2.025%

LSC Area Percent Report

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Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	24.334	3610	3616	3627	rVB2	43035	123882	14.52%	2.082%
38	24.481	3633	3641	3650	rBV2	101267	293074	34.35%	4.925%
39	29.052	4411	4419	4421	rBV9	9301	24442	2.86%	0.411%

Sum of corrected areas: 5950687

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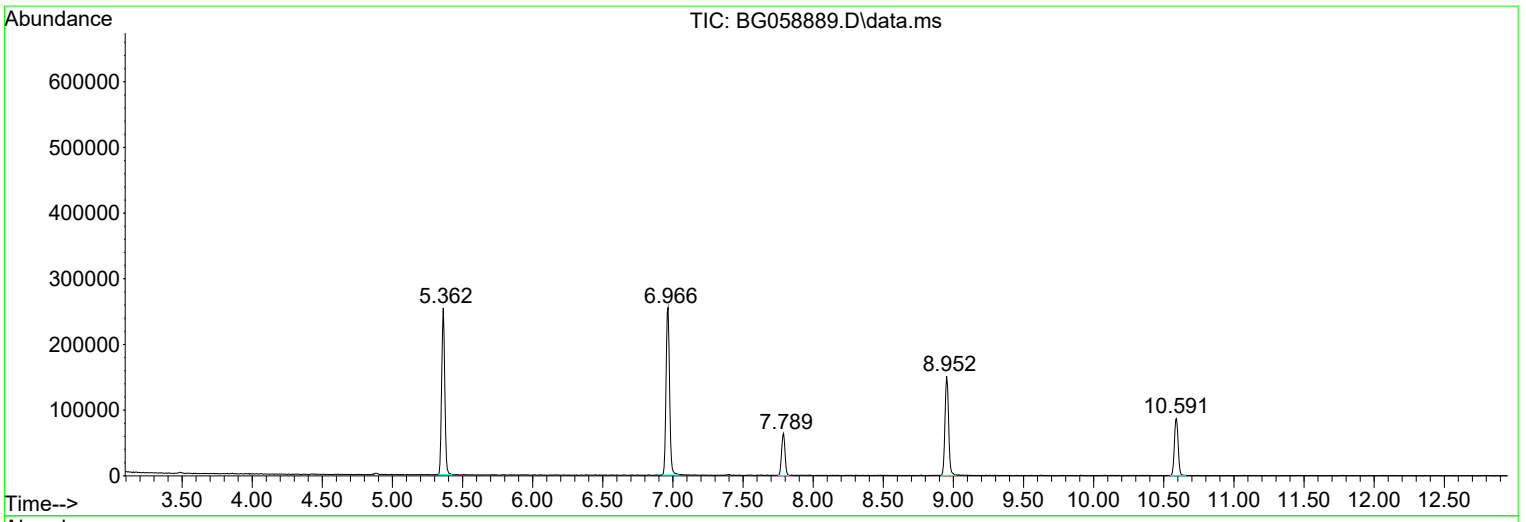
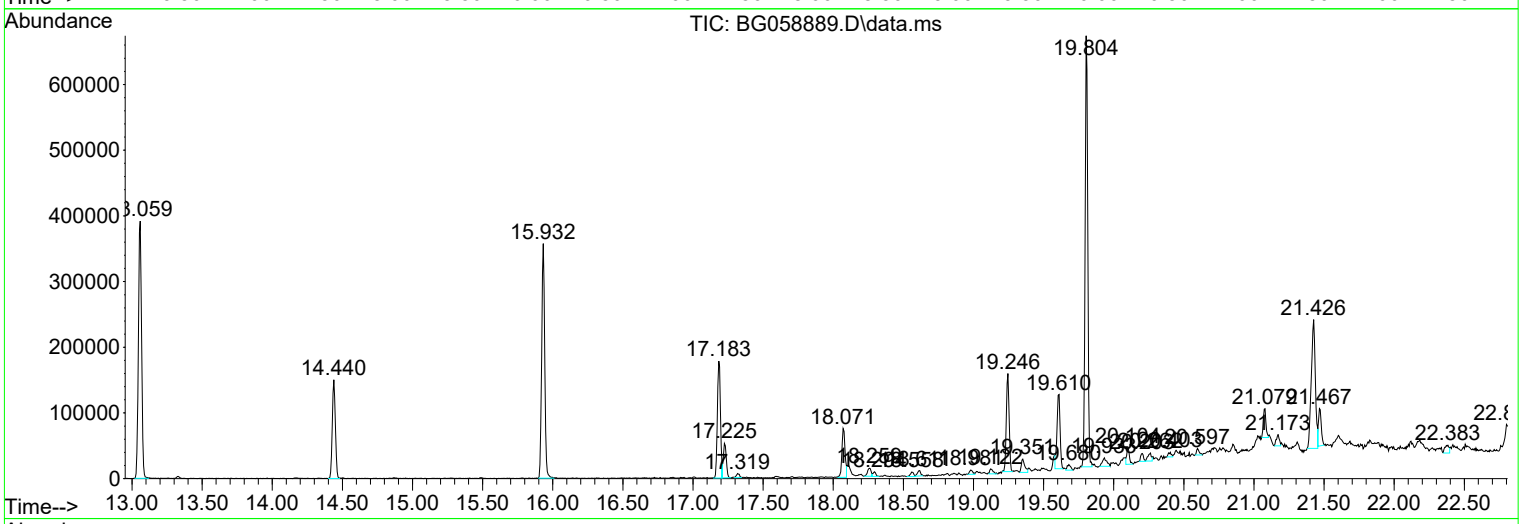
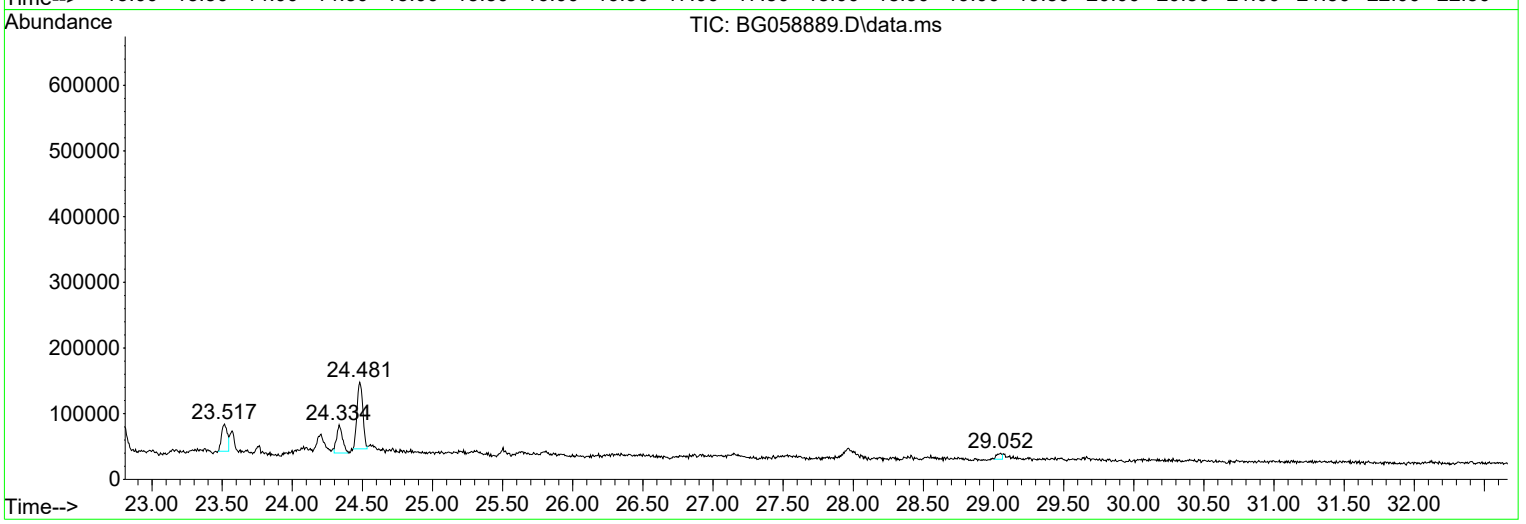
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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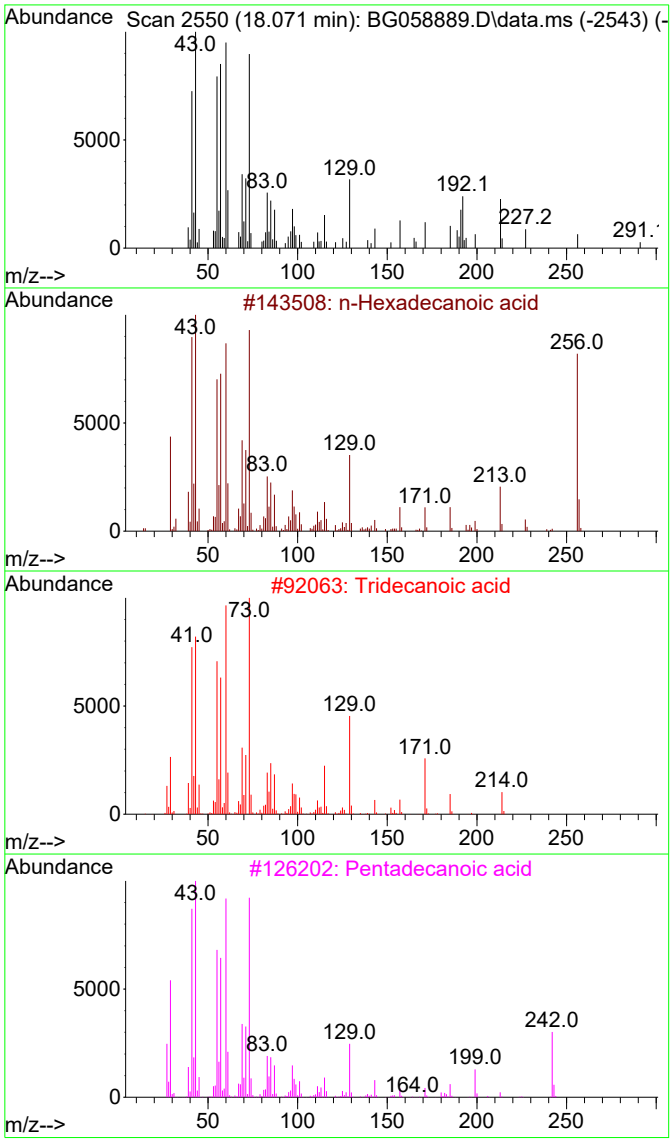
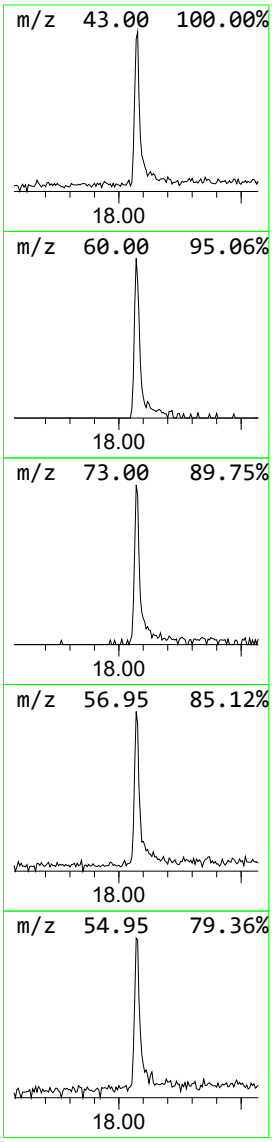
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.071	8.51 ng	115086	Phenanthrene-d10	17.183

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
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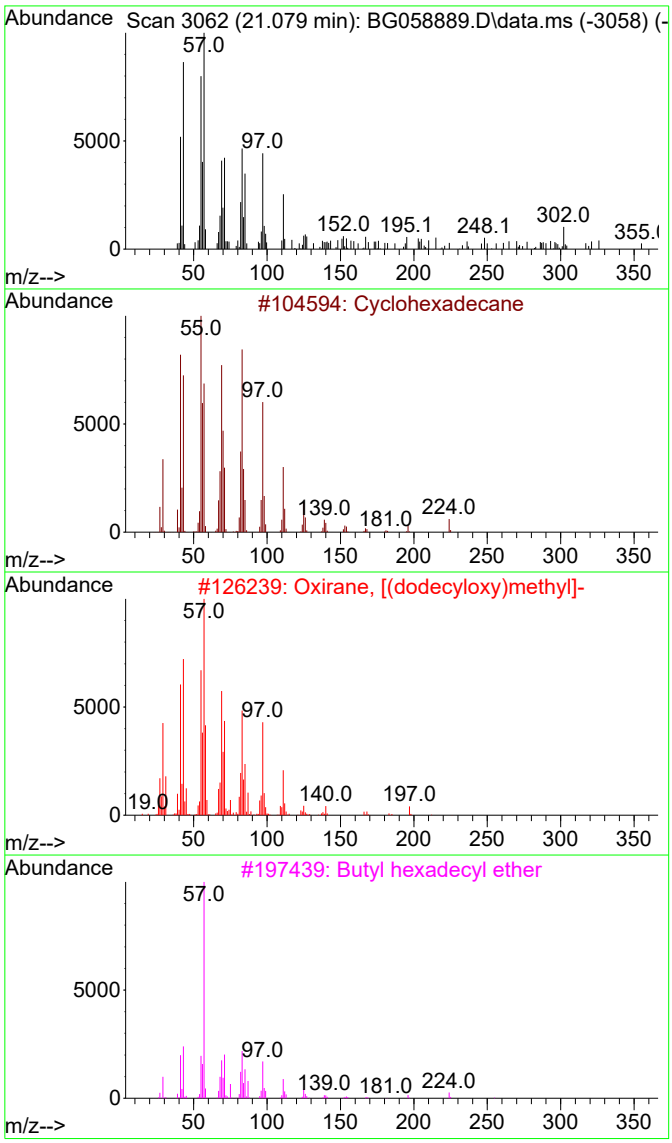
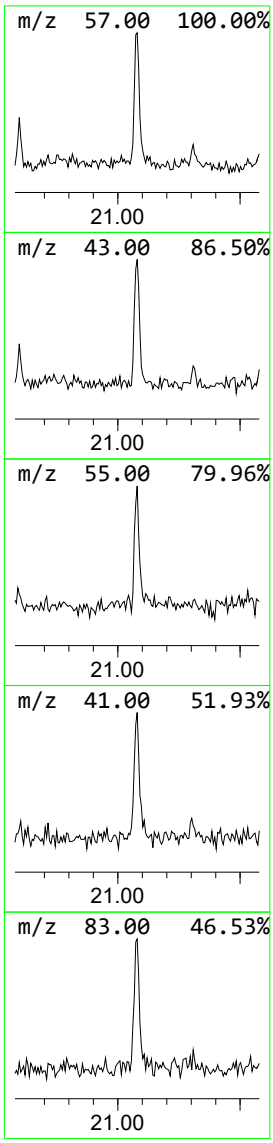
Peak Number 2 Cyclohexadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.079	2.95 ng	59392	Chrysene-d12	21.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	83
2	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	80
3	Butyl hexadecyl ether	298	C20H42O	1010406-40-5	80
4	Pentadecafluorooctanoic acid, do...	582	C20H25F15O2	1000406-04-2	74
5	Butyl docosyl ether	382	C26H54O	1000406-40-8	72





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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.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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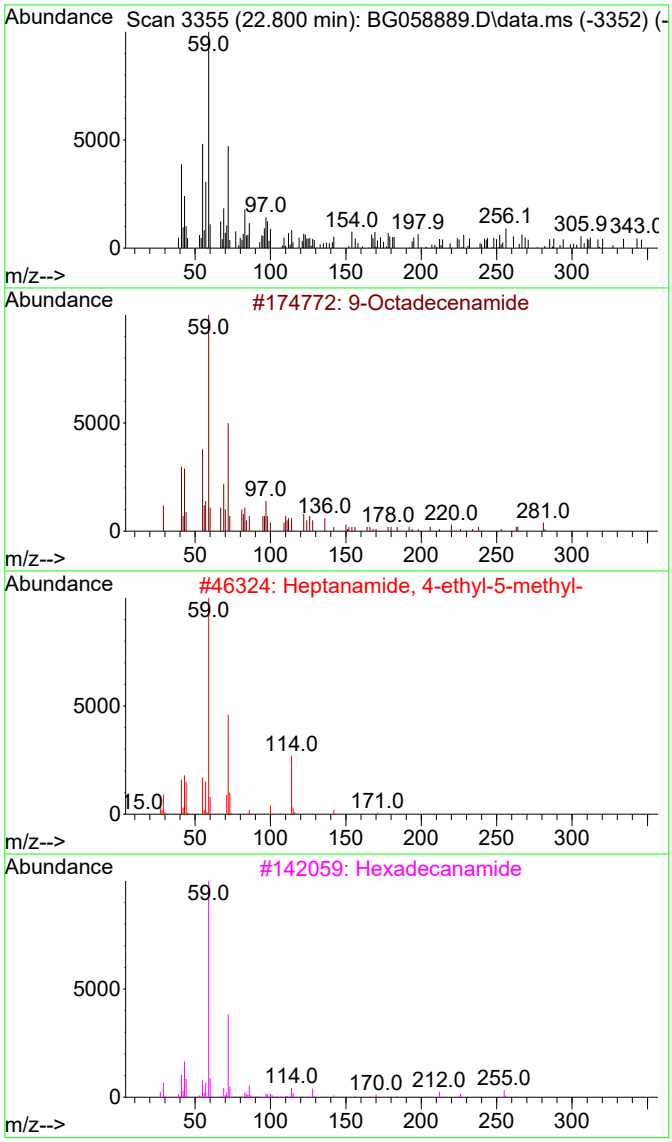
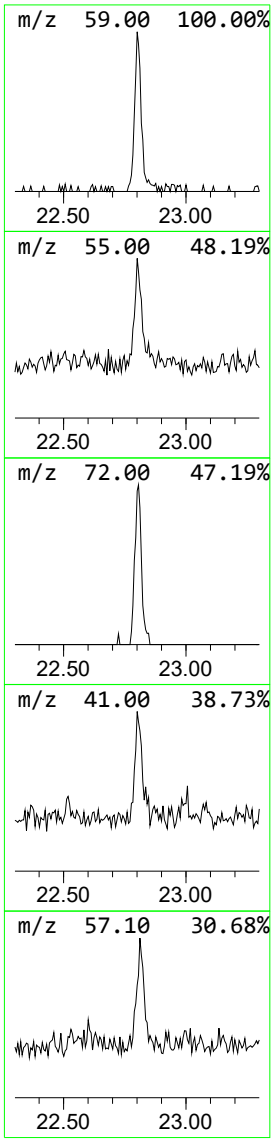
Peak Number 3 9-Octadecenamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.800	4.08 ng	82052	Chrysene-d12	21.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide	281	C18H35NO	003322-62-1	59
2	Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	59
3	Hexadecanamide	255	C16H33NO	000629-54-9	59
4	Octadecanamide	283	C18H37NO	000124-26-5	59
5	Tetradecanamide	227	C14H29NO	000638-58-4	45





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
n-Hexadecanoic ...	18.071	8.5	ng	115086	4	17.183	270532	20.0
Cyclohexadecane	21.079	3.0	ng	59392	5	21.426	402538	20.0
9-Octadecenamide	22.800	4.1	ng	82052	5	21.426	402538	20.0