LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060134.D
Acq On : 22 Dec 2023 12:08
Operator : MA/JU
Sample : 05898-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GHL-SS-70aD

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-BG122123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060134.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.118	3	5	19	rVB	328364	502582	2.70%	0.746%
2	5.515	404	413	431	rBV	2532594	4519648	24.24%	6.710%
3	7.101	673	683	699	rBV	3155184	5627565	30.18%	8.354%
4	7.941	818	826	832	rBV	397162	686452	3.68%	1.019%
5	9.105	1013	1024	1031	rBV	1742389	3182534	17.07%	4.725%
6	10.744	1292	1303	1310	rBV	670526	1215611	6.52%	1.805%
7	13.200	1713	1721	1731	rBV	6111373	9316617	49.97%	13.831%
8	14.575	1944	1955	1962	rBV	1417680	2280438	12.23%	3.385%
9	16.067	2201	2209	2222	rBV	5863863	8931459	47.90%	13.259%
10	17.325	2415	2423	2429	rBV	2366781	3525264	18.91%	5.233%
11	18.218	2569	2575	2585	rBV	565720	952607	5.11%	1.414%
12	19.945	2863	2869	2881	rBV	13422265	18644159	100.00%	27.678%
13	21.238	3084	3089	3096	rBV2	463109	736213	3.95%	1.093%
14	21.590	3142	3149	3161	rVB	2224809	3763669	20.19%	5.587%
15	22.389	3279	3285	3294	rBV4	92843	222499	1.19%	0.330%
16	24.769	3679	3690	3705	rVB2	1129489	3253973	17.45%	4.831%

Sum of corrected areas: 67361290

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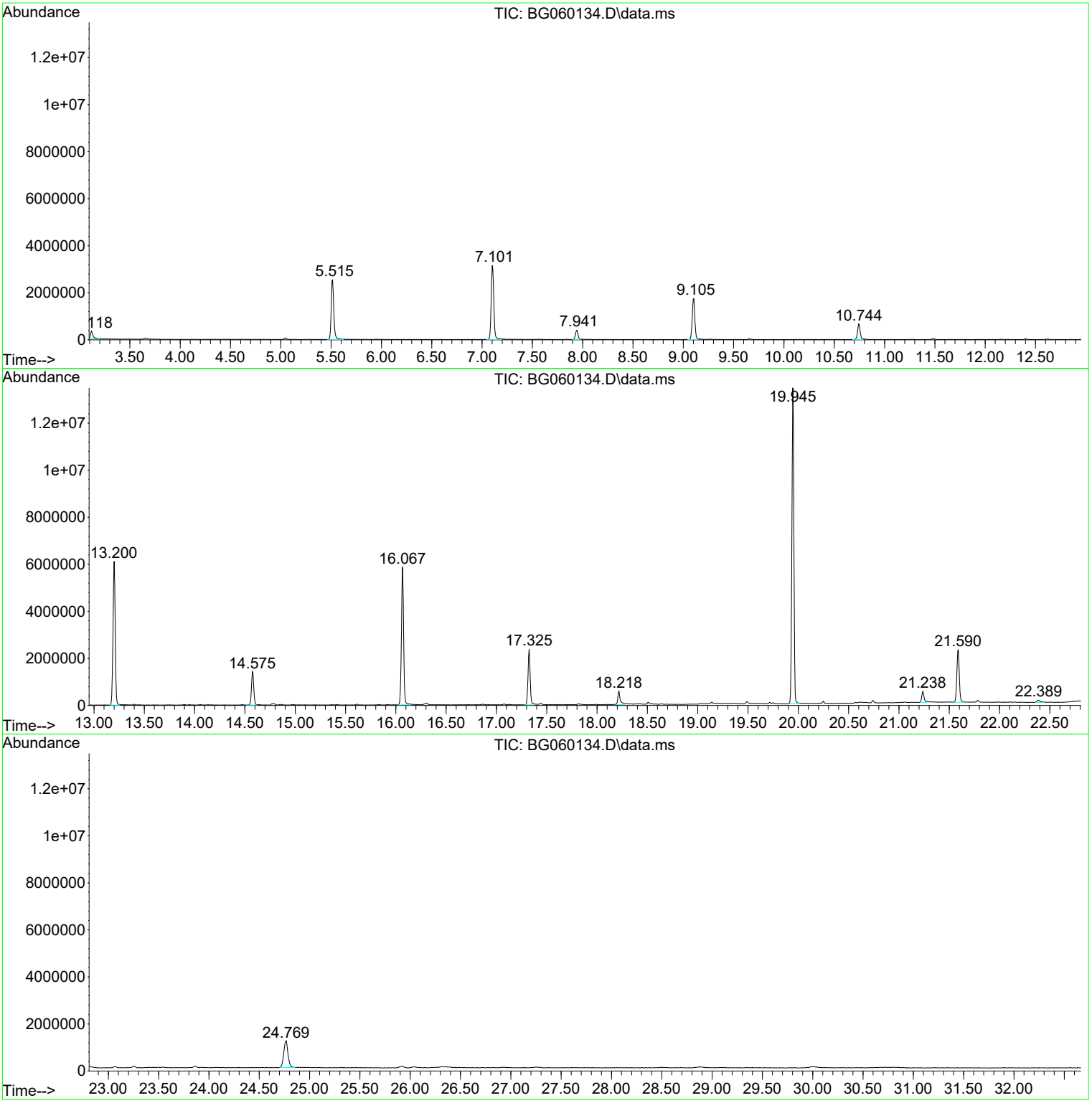
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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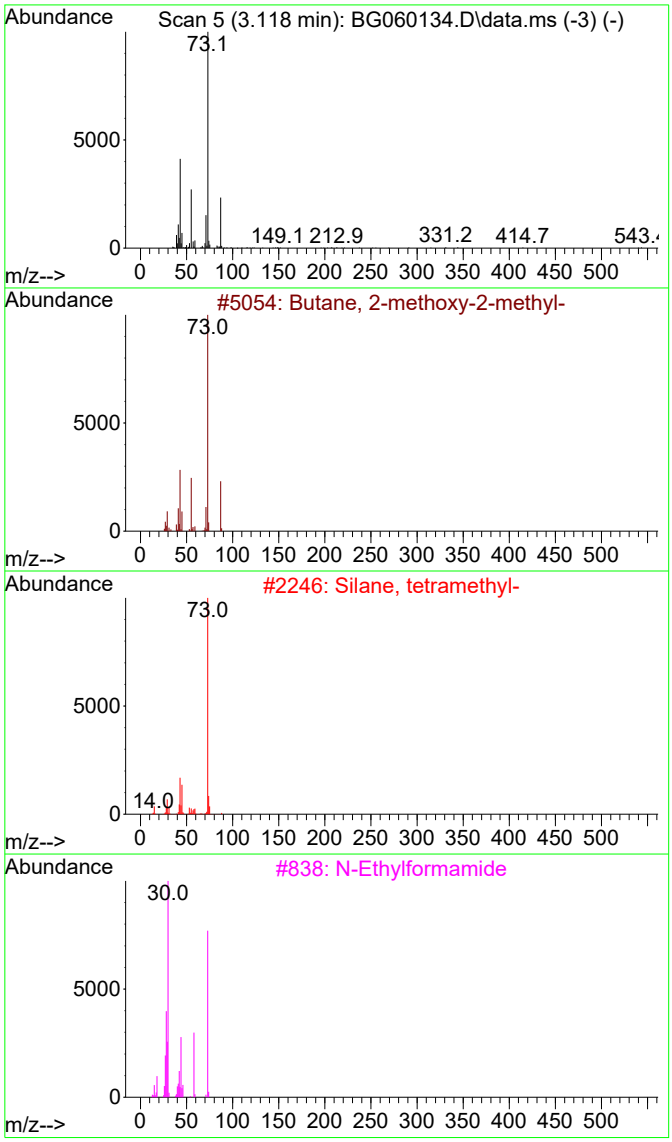
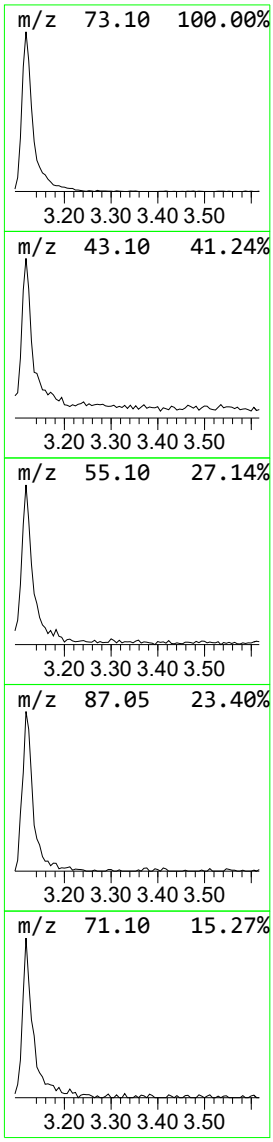
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.118	14.64 ng	502582	1,4-Dichlorobenzene-d4	7.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,5-Heptadiene, 1,5-bis(trimethy...	252	C14H28Si2	1000153-97-1	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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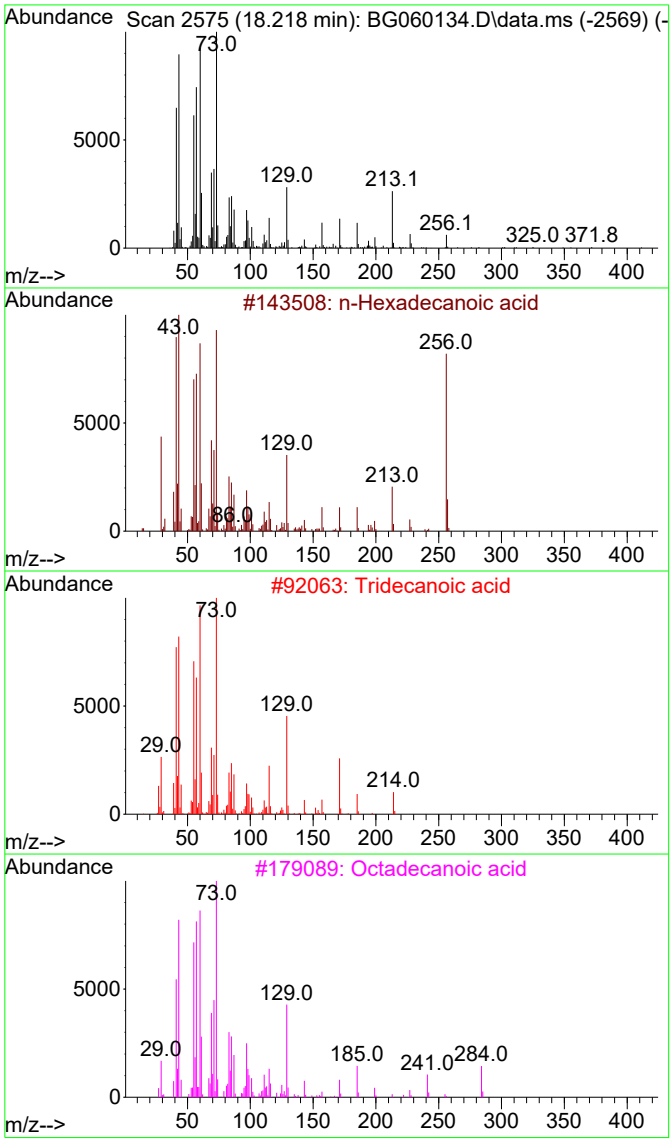
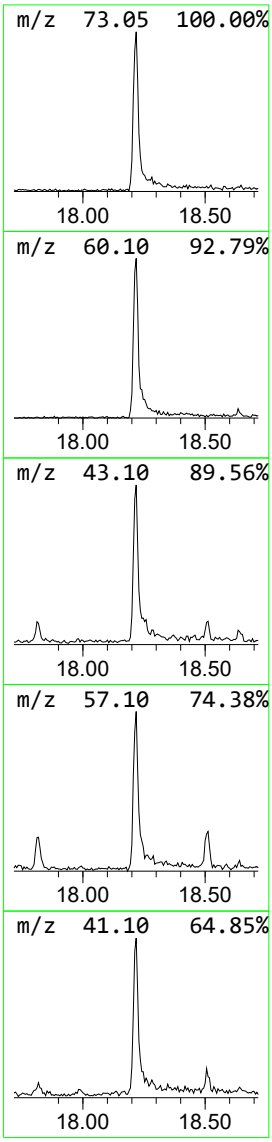
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	5.40 ng	952607	Phenanthrene-d10	17.325

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	Octadecanoic acid	284	C18H36O2	000057-11-4	74
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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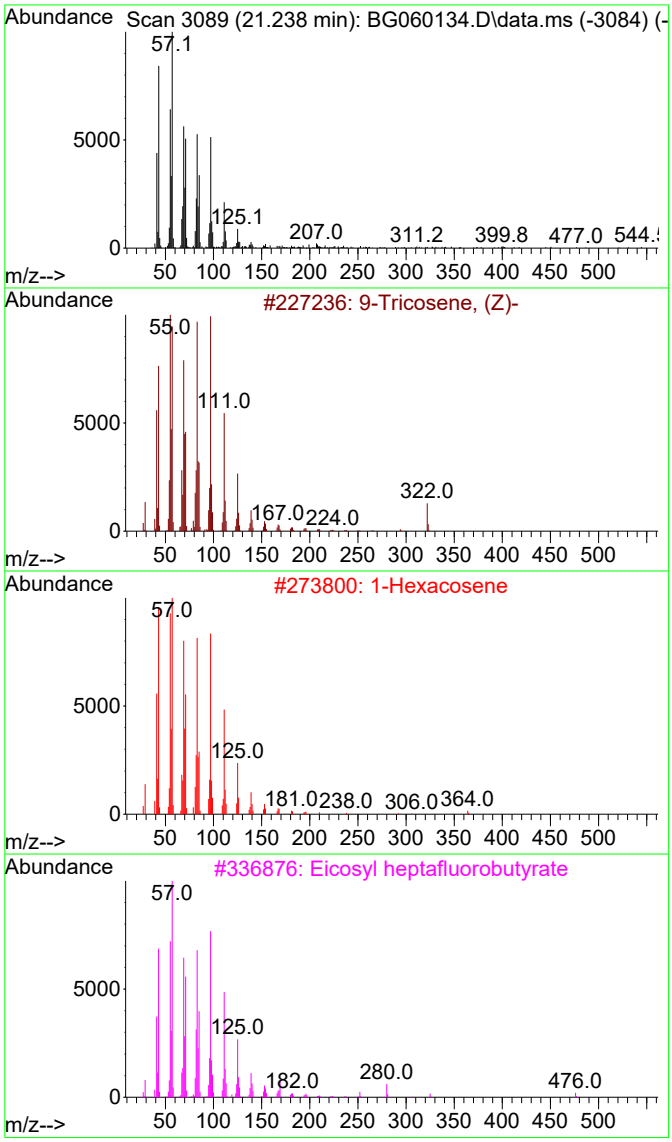
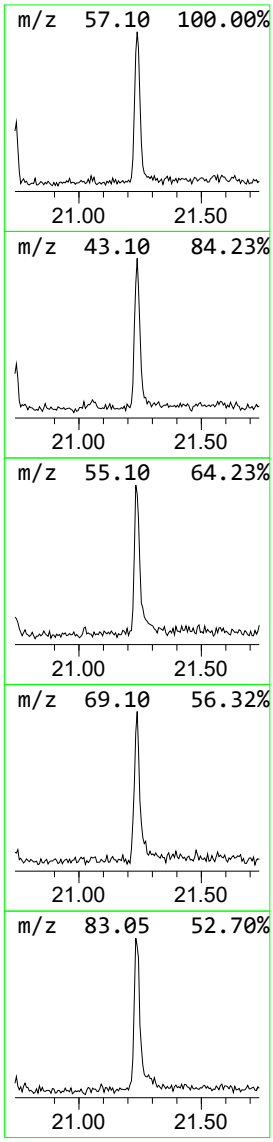
Peak Number 3 9-Tricosene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.238	3.91 ng	736213	Chrysene-d12	21.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	93
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	91
4	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	91
5	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.118	14.6	ng	502582	1	7.936	686452	20.0
n-Hexadecanoic ...	18.218	5.4	ng	952607	4	17.325	3525260	20.0
9-Tricosene, (Z)-	21.238	3.9	ng	736213	5	21.584	3763670	20.0