LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
Data File : BG060143.D
Acq On : 22 Dec 2023 18:12
Operator : MA/JU
Sample : 05897-21
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
GHL-SS-26

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: BG060143.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	21	rVB	316292	512936	3.51%	0.800%
2	5.515	405	413	428	rBV	2298997	4096051	28.05%	6.392%
3	7.101	675	683	695	rBV	2948879	5223367	35.78%	8.151%
4	7.942	818	826	833	rBV	465505	830443	5.69%	1.296%
5	9.099	1016	1023	1033	rBV	1565734	2811486	19.26%	4.387%
6	10.744	1292	1303	1319	rBV	844171	1574937	10.79%	2.458%
7	13.200	1712	1721	1734	rBV	5509671	8431090	57.74%	13.157%
8	14.575	1949	1955	1964	rVB	1999409	3049876	20.89%	4.759%
9	16.067	2202	2209	2227	rBV	5605250	8540930	58.50%	13.328%
10	17.325	2416	2423	2429	rBV	2957459	4550449	31.17%	7.101%
11	17.454	2439	2445	2449	rBV2	168063	262401	1.80%	0.409%
12	18.218	2569	2575	2583	rBV	768879	1179909	8.08%	1.841%
13	19.945	2863	2869	2880	rBV	10627257	14600603	100.00%	22.785%
14	21.238	3084	3089	3095	rBV	429837	656422	4.50%	1.024%
15	21.590	3142	3149	3159	rBV	2341202	3918794	26.84%	6.115%
16	24.763	3679	3689	3705	rVB	1319150	3841099	26.31%	5.994%

Sum of corrected areas: 64080793

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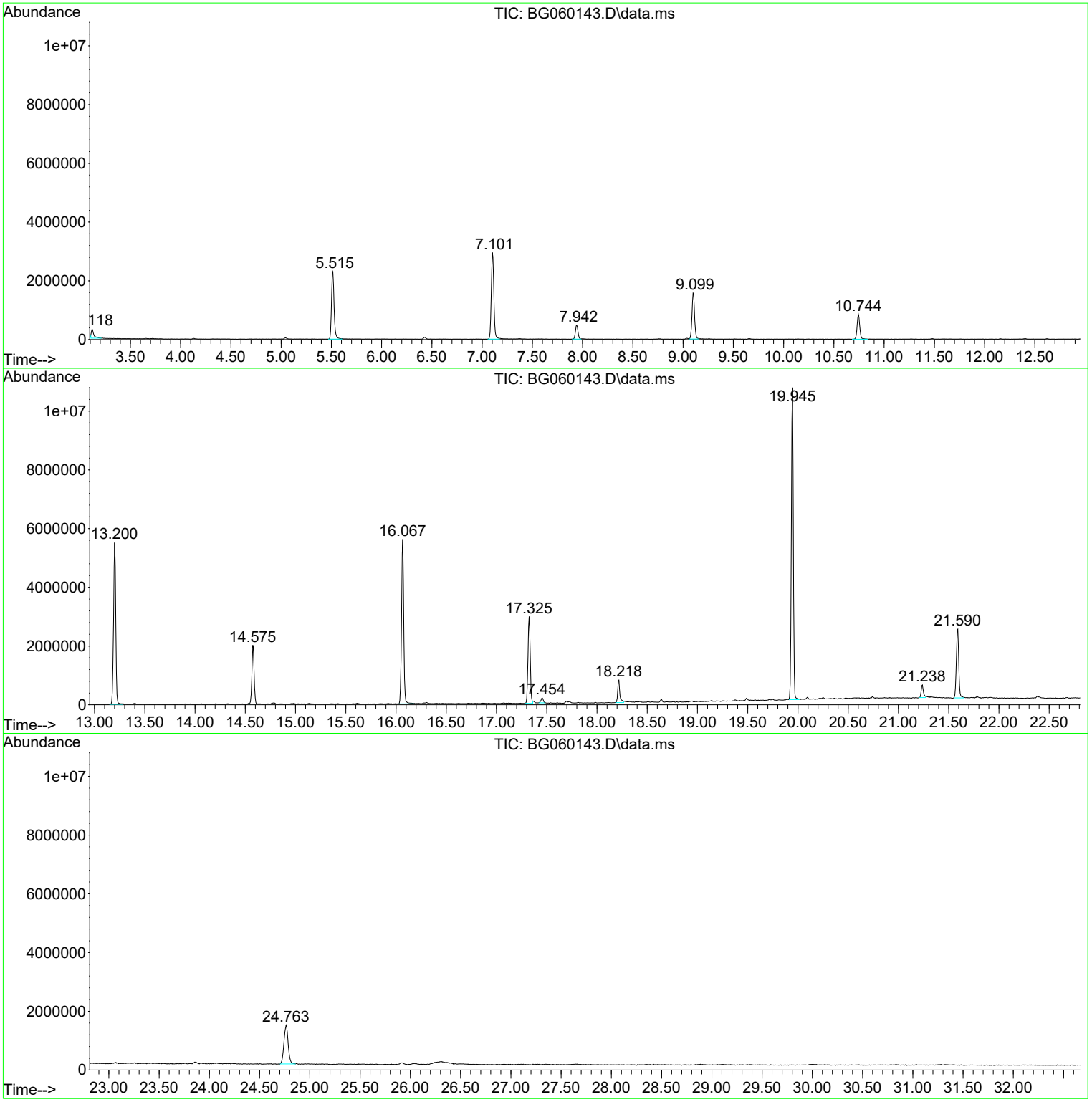
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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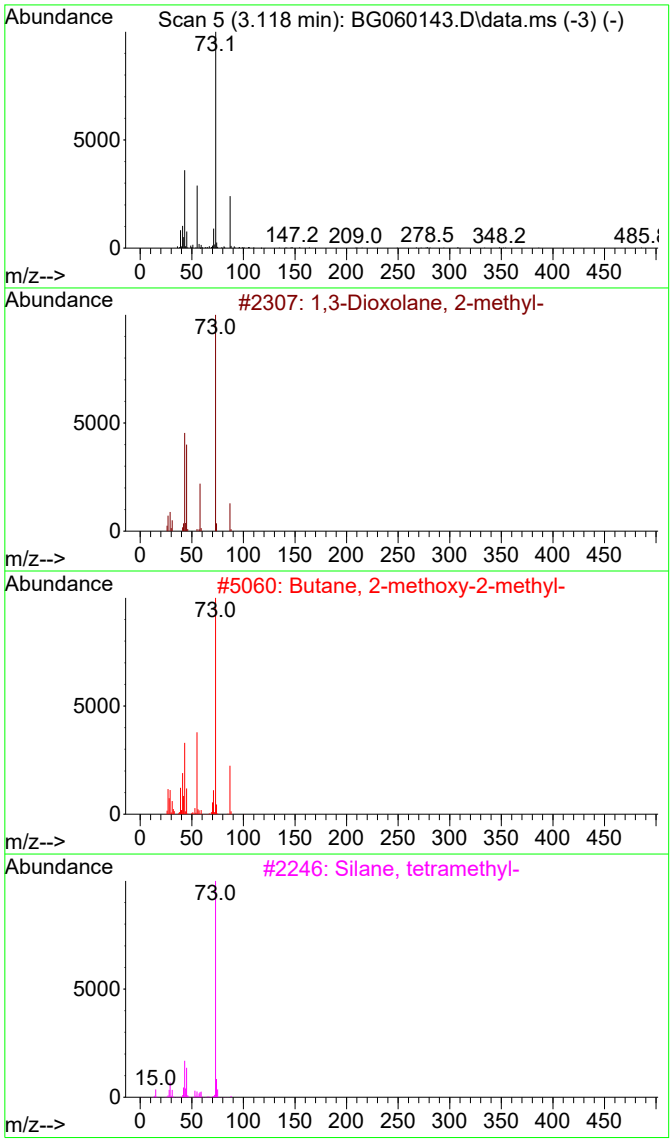
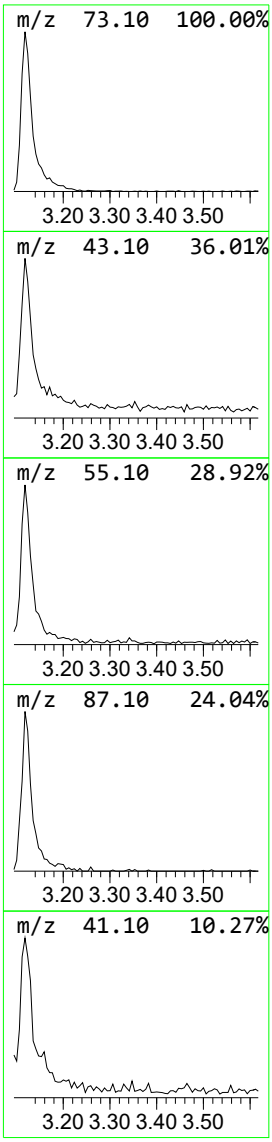
Peak Number 1 unknown3.118 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.118	12.35 ng	512936	1,4-Dichlorobenzene-d4	7.942

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	25
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9





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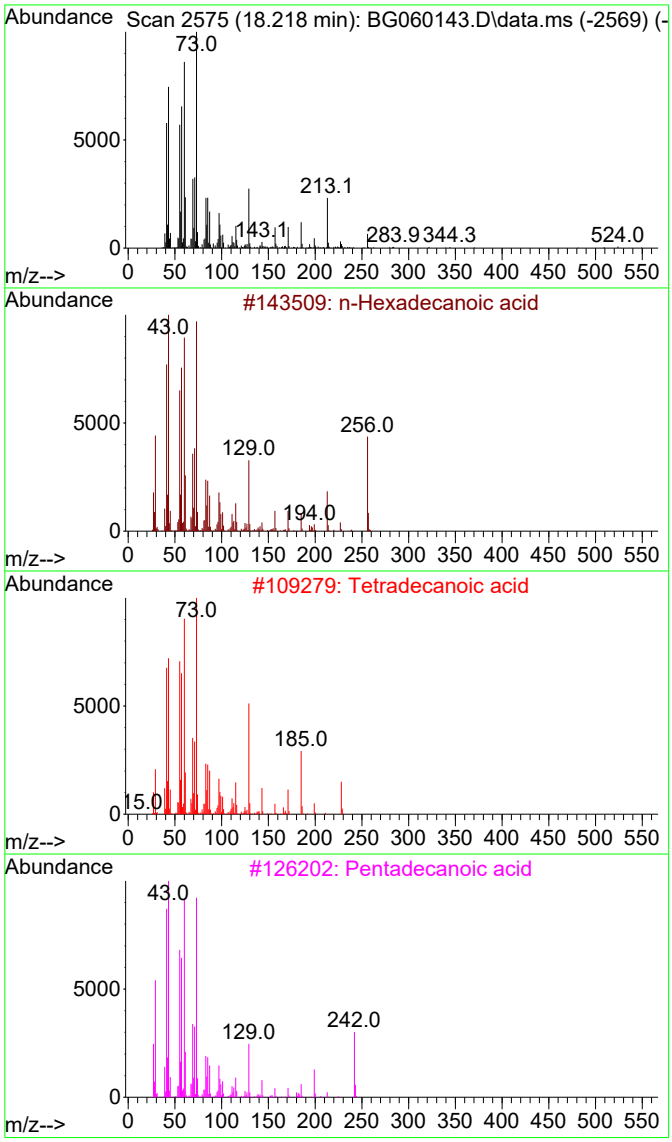
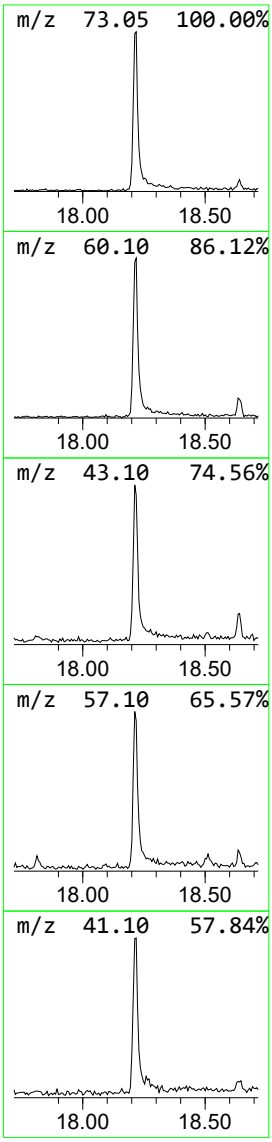
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	5.19 ng	1179910	Phenanthrene-d10	17.325

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Nonanoic acid	158	C9H18O2	000112-05-0	60





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Instrument :
BNA_G
ClientSampleId :
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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
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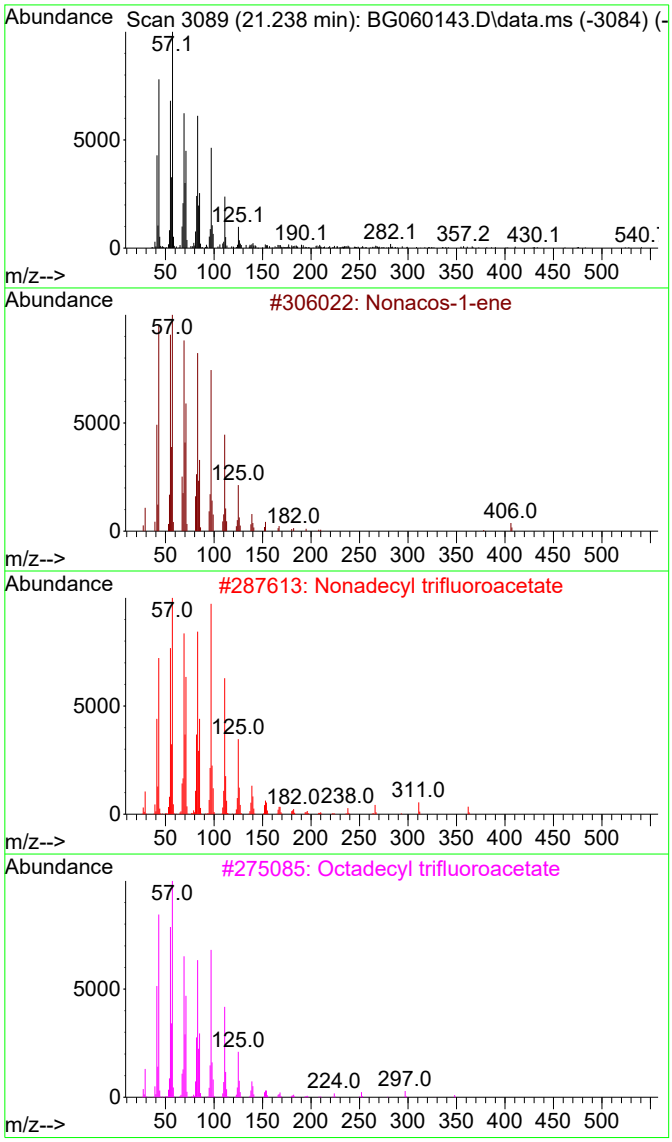
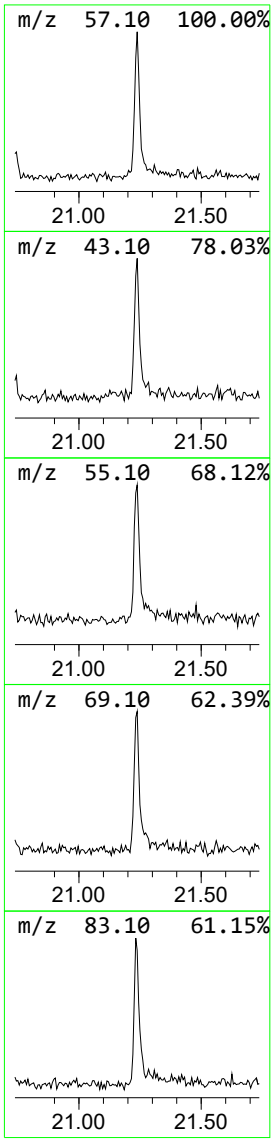
Peak Number 3 Nonacos-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.238	3.35 ng	656422	Chrysene-d12	21.590

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	91
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	91
4	Heneicosyl trifluoroacetate	408	C23H43F3O2	1000351-76-5	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.118	3.118	12.4	ng	512936	1	7.942	830443	20.0
n-Hexadecanoic ...	18.218	5.2	ng	1179910	4	17.325	4550450	20.0
Nonacos-1-ene	21.238	3.4	ng	656422	5	21.590	3918790	20.0