LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053652.D
Acq On : 20 May 2022 20:23
Operator : CG/JU
Sample : N2865-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P018-SS001-0612-01

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-BG050522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053652.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.769	61	65	72	rBV	11271	19378	1.34%	0.209%
2	5.161	295	302	309	rBV2	15144	28304	1.95%	0.306%
3	5.643	377	384	394	rBV	510370	857529	59.22%	9.261%
4	7.241	646	656	668	rBV	533256	971206	67.06%	10.488%
5	8.069	791	797	804	rBV	154169	259582	17.92%	2.803%
6	9.232	987	995	1006	rBV	343724	627035	43.30%	6.771%
7	10.877	1268	1275	1283	rBV	205037	375297	25.92%	4.053%
8	13.315	1683	1690	1702	rBV	750981	1189955	82.17%	12.850%
9	14.143	1826	1831	1838	rBV	12169	17598	1.22%	0.190%
10	14.695	1918	1925	1934	rVB	325609	499973	34.52%	5.399%
11	16.182	2172	2178	2192	rBV	581219	958538	66.19%	10.351%
12	17.445	2387	2393	2399	rBV	352747	550563	38.02%	5.946%
13	18.091	2499	2503	2508	rVB2	34406	41873	2.89%	0.452%
14	18.326	2538	2543	2552	rBV2	51641	112415	7.76%	1.214%
15	20.047	2830	2836	2844	rVB	1077068	1448158	100.00%	15.639%
16	21.339	3052	3056	3064	rBV2	90685	171621	11.85%	1.853%
17	21.721	3115	3121	3129	rVB	312904	526819	36.38%	5.689%
18	24.987	3669	3677	3691	rVB2	199983	604163	41.72%	6.524%

Sum of corrected areas: 9260007

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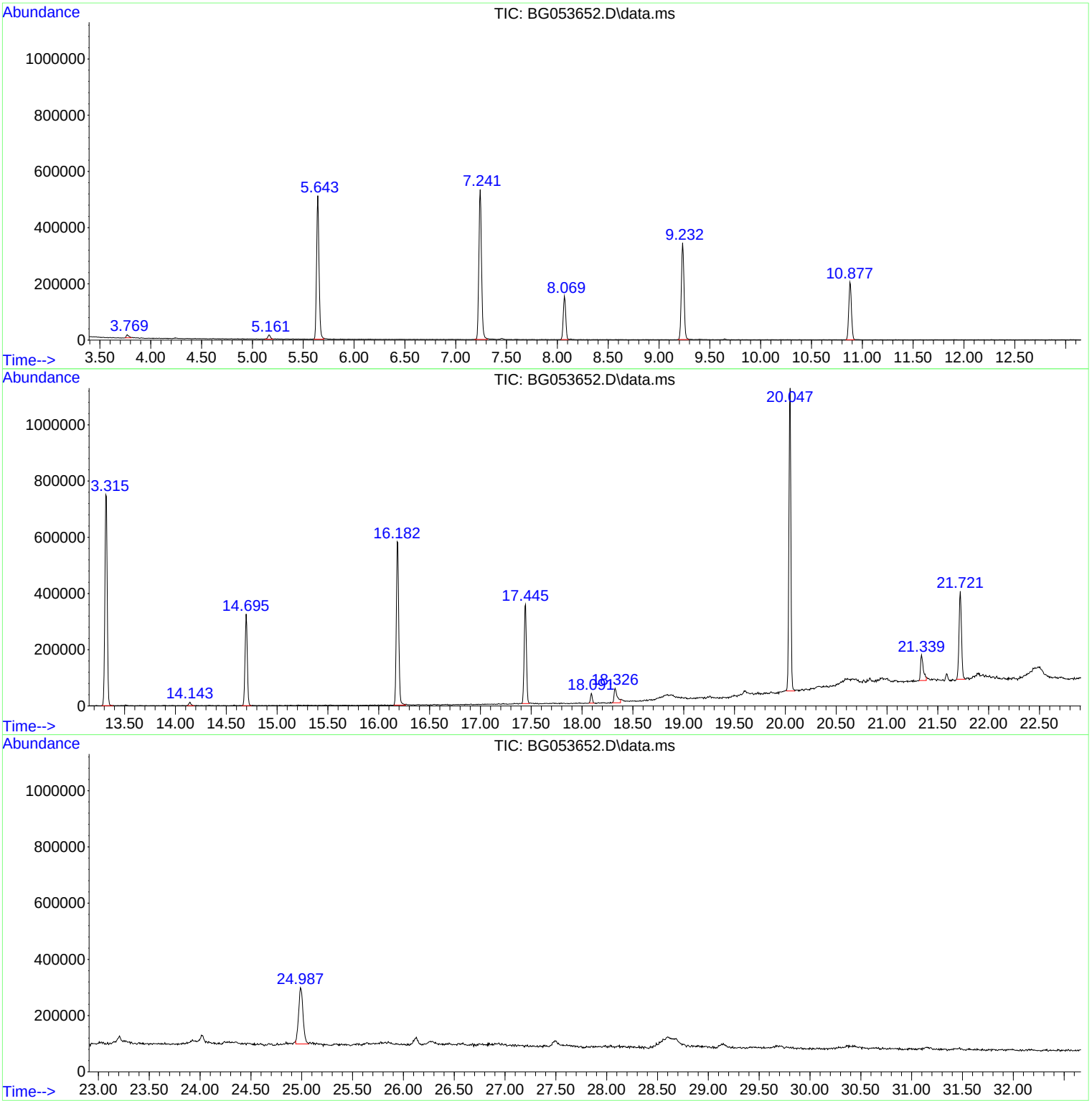
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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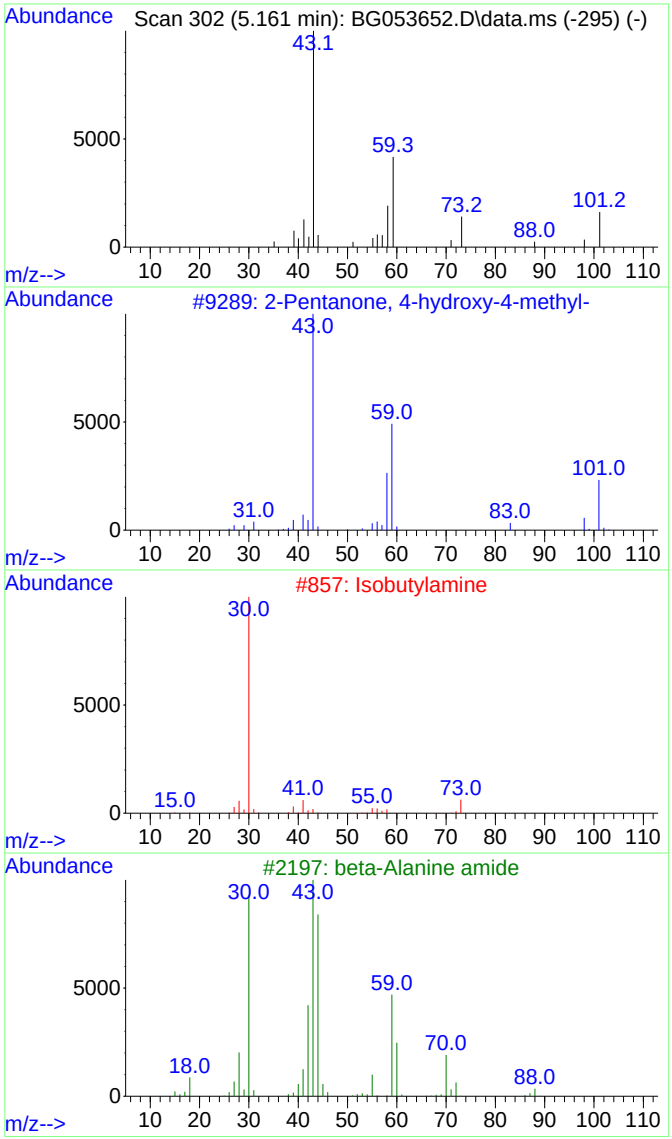
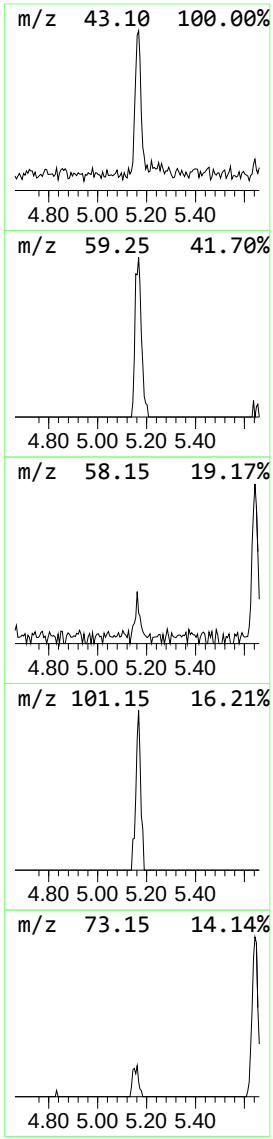
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.161	2.18 ng	28304	1,4-Dichlorobenzene-d4	8.069

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Isobutylamine	73	C4H11N	000078-81-9	9
3	beta-Alanine amide	88	C3H8N2O	004726-85-6	9
4	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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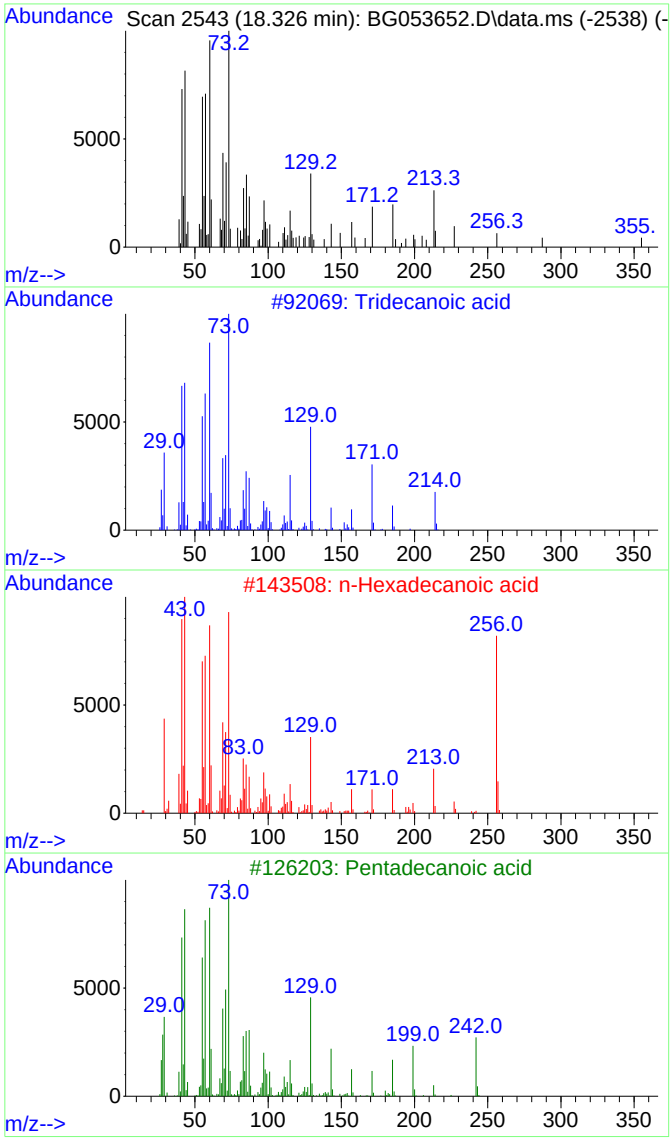
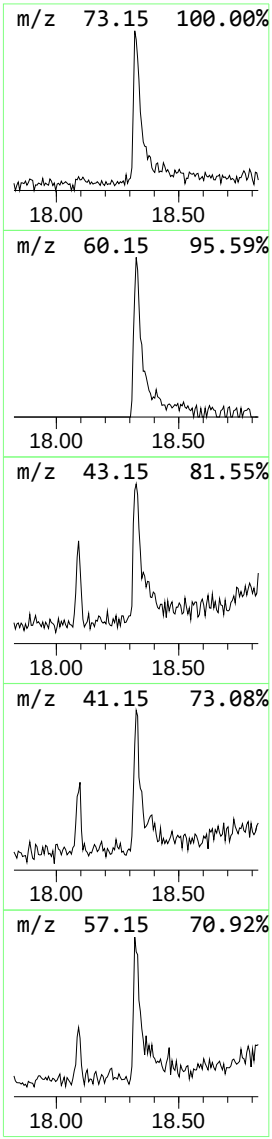
Peak Number 2 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	4.08 ng	112415	Phenanthrene-d10	17.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	94
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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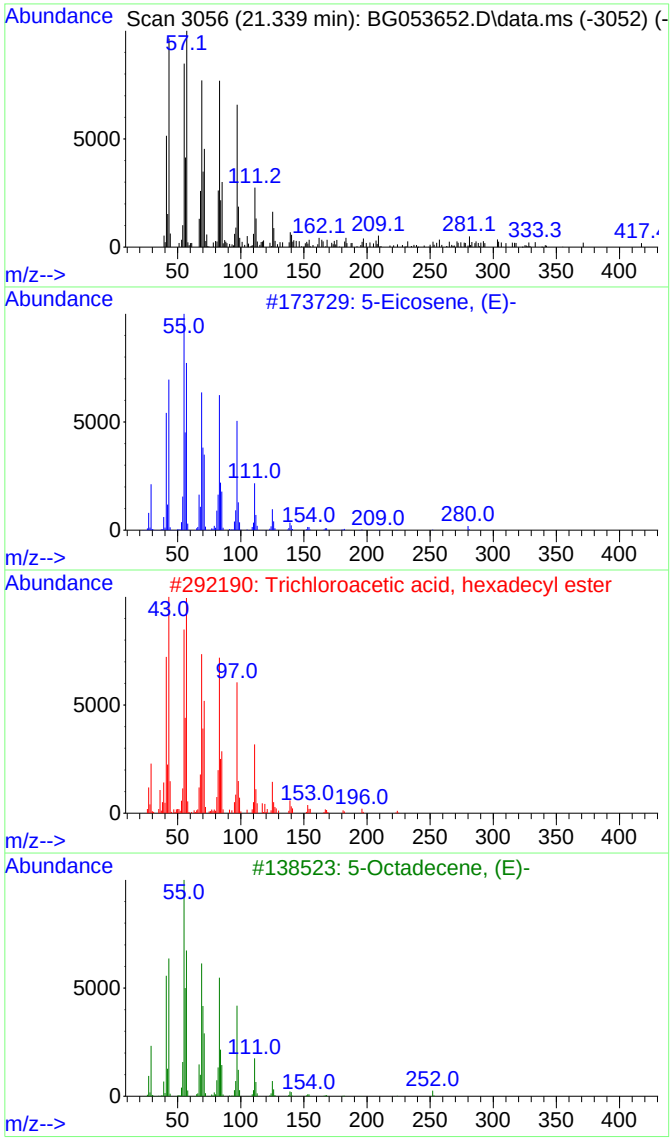
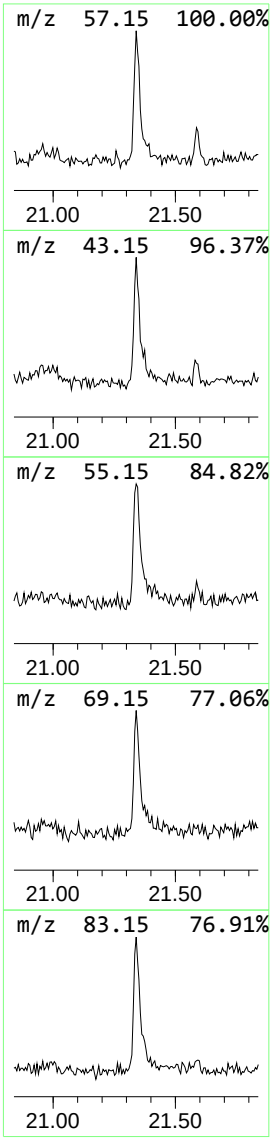
Peak Number 3 5-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	6.52 ng	171621	Chrysene-d12	21.721

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
3	5-Octadecene, (E)-	252	C18H36	007206-21-5	93
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	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
2-Pentanone, 4-...	5.161	2.2	ng	28304	1	8.069	259582	20.0
Tridecanoic acid	18.326	4.1	ng	112415	4	17.445	550563	20.0
5-Eicosene, (E)-	21.339	6.5	ng	171621	5	21.721	526819	20.0