LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101320\
Data File : BG046881.D
Acq On : 13 Oct 2020 19:45
Operator : CG/JU
Sample : L4369-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HD-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_G\METHODS\8270-BG092220.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG046881.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.667	389	396	404	rBV	716154	1124979	40.50%	7.293%
2	7.253	659	666	674	rBV	714936	1214951	43.74%	7.877%
3	8.105	804	811	819	rBV	252769	413151	14.87%	2.678%
4	9.263	1000	1008	1018	rVB	462886	825459	29.72%	5.351%
5	10.914	1281	1289	1298	rBV	317656	576916	20.77%	3.740%
6	13.352	1695	1704	1711	rBV	1137561	1751657	63.06%	11.356%
7	14.169	1838	1843	1848	rBV	57919	84663	3.05%	0.549%
8	14.727	1928	1938	1946	rBV2	527234	812907	29.26%	5.270%
9	16.207	2183	2190	2199	rBV	904070	1416809	51.00%	9.185%
10	17.471	2398	2405	2415	rBV	666588	1053942	37.94%	6.833%
11	18.346	2549	2554	2560	rBV2	69439	106130	3.82%	0.688%
12	19.515	2748	2753	2756	rVB2	25873	38379	1.38%	0.249%
13	19.615	2766	2770	2773	rBV6	20159	28057	1.01%	0.182%
14	19.874	2810	2814	2820	rVB	22907	33797	1.22%	0.219%
15	20.074	2842	2848	2857	rVB	2095971	2777808	100.00%	18.009%
16	20.755	2960	2964	2969	rBV	295741	343723	12.37%	2.228%
17	21.378	3065	3070	3084	rBV2	167576	339526	12.22%	2.201%
18	21.742	3125	3132	3138	rBV	764417	1205595	43.40%	7.816%
19	23.452	3420	3423	3429	rVB4	29022	50132	1.80%	0.325%
20	24.081	3526	3530	3535	rVB8	16547	29504	1.06%	0.191%
21	25.009	3678	3688	3700	rBV2	415274	1196807	43.08%	7.759%

Sum of corrected areas: 15424892

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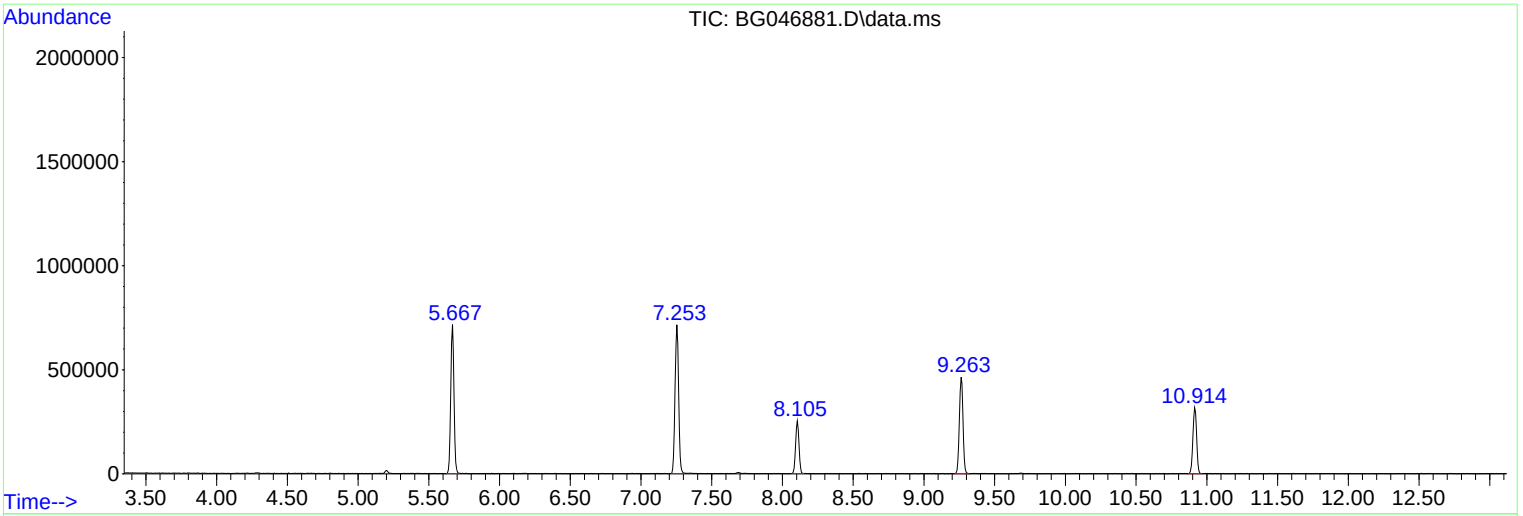
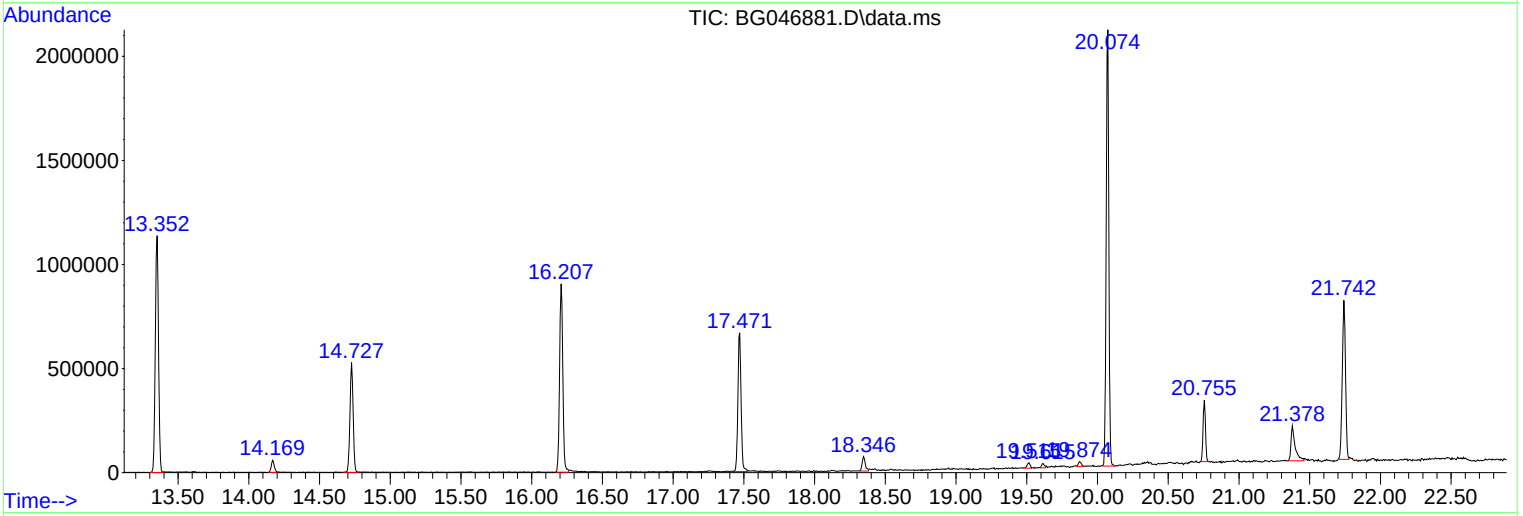
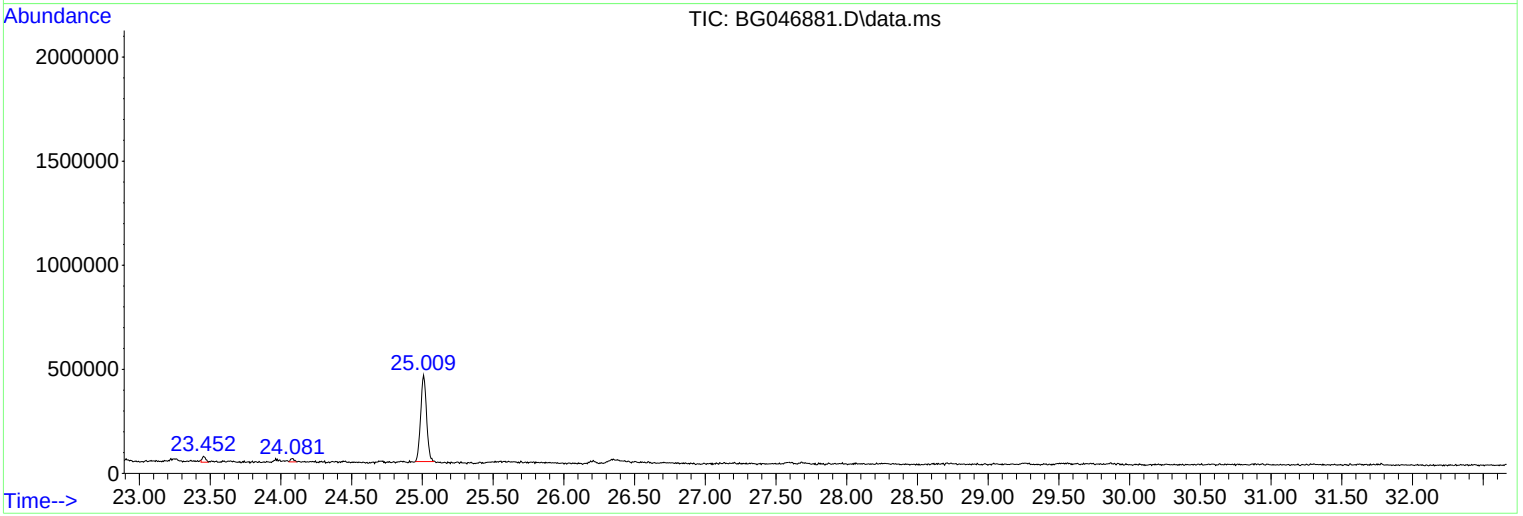
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P







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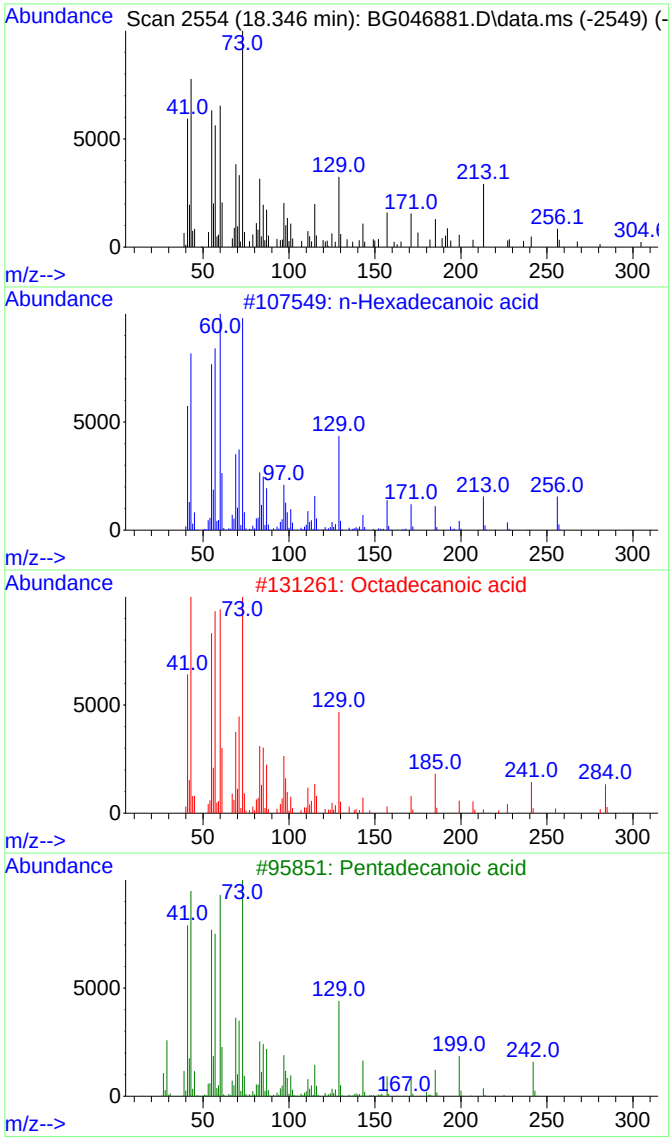
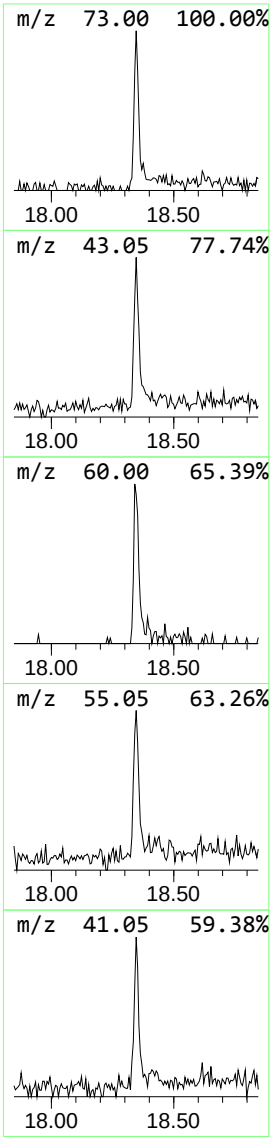
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.346	2.01 ng	106130	Phenanthrene-d10	17.471

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
2	Octadecanoic acid	284	C18H36O2	000057-11-4	68
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50





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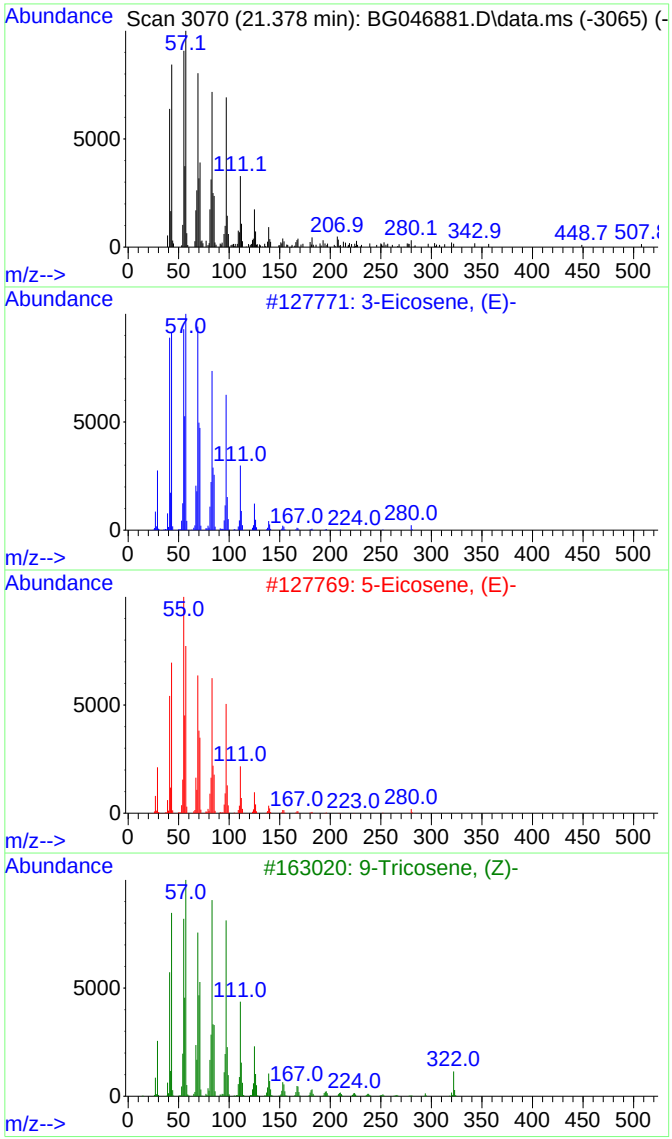
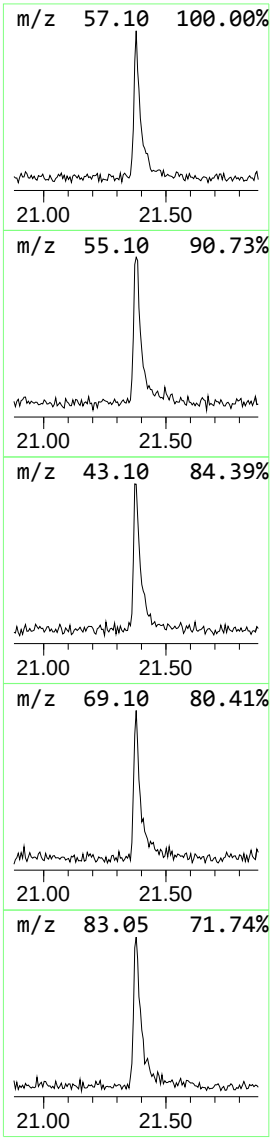
Peak Number 2 3-Eicosene, (E)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.378	5.63 ng	339526	Chrysene-d12	21.742

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.346	2.0	ng	106130	4	17.471	1053940	20.0
3-Eicosene, (E)-	21.378	5.6	ng	339526	5	21.742	1205600	20.0