LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070721\
Data File : BG049204.D
Acq On : 7 Jul 2021 18:06
Operator : CG/JU
Sample : M2947-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-BANK-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-BG063021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG049204.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.137	9	17	26	rBV3	52631	179073	10.38%	1.750%
2	5.175	359	364	372	rVB2	13160	24578	1.43%	0.240%
3	5.645	437	444	455	rBV	532774	912250	52.90%	8.914%
4	7.244	708	716	727	rBV	564290	996673	57.79%	9.739%
5	8.090	851	860	867	rBV2	157296	272787	15.82%	2.665%
6	9.259	1049	1059	1066	rBV	349167	658035	38.16%	6.430%
7	10.910	1331	1340	1348	rBV	207862	367578	21.31%	3.592%
8	13.354	1748	1756	1764	rBV	848044	1336469	77.49%	13.059%
9	14.177	1890	1896	1901	rBV2	64791	99522	5.77%	0.972%
10	14.729	1984	1990	2000	rVB	299853	481758	27.93%	4.707%
11	16.221	2237	2244	2254	rBV	743604	1194993	69.29%	11.676%
12	17.479	2452	2458	2464	rBV	354475	542679	31.47%	5.303%
13	18.360	2602	2608	2613	rBV	78744	114949	6.67%	1.123%
14	19.529	2803	2807	2812	rBV4	26306	35553	2.06%	0.347%
15	19.623	2820	2823	2827	rBV5	16826	22484	1.30%	0.220%
16	19.893	2865	2869	2874	rVB2	17340	28068	1.63%	0.274%
17	20.087	2896	2902	2908	rBV	1333814	1724590	100.00%	16.851%
18	21.398	3120	3125	3135	rVB	80387	174513	10.12%	1.705%
19	21.768	3182	3188	3194	rVB	314185	535787	31.07%	5.235%
20	25.076	3743	3751	3762	rVB3	179791	531929	30.84%	5.198%

Sum of corrected areas: 10234268

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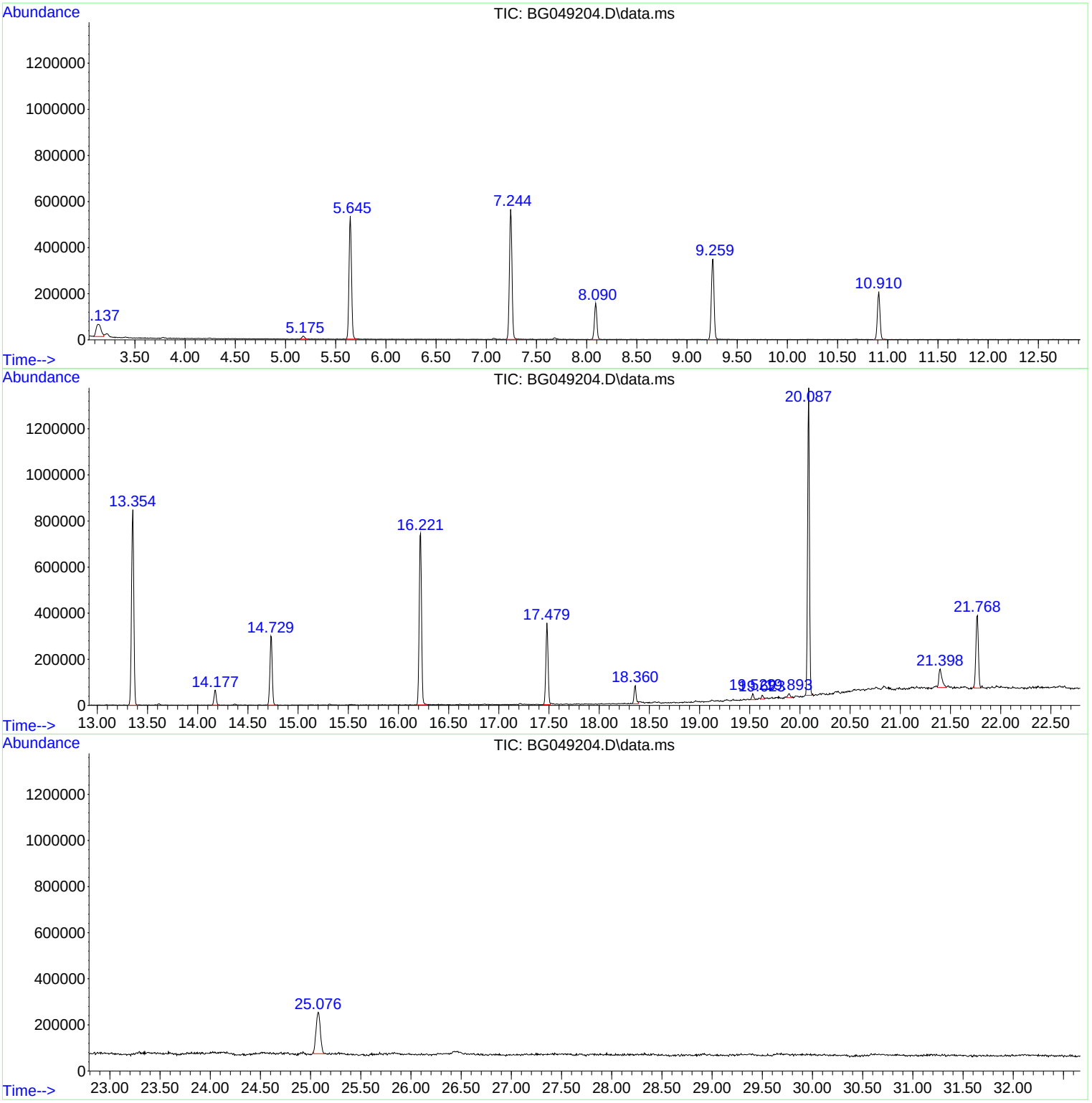
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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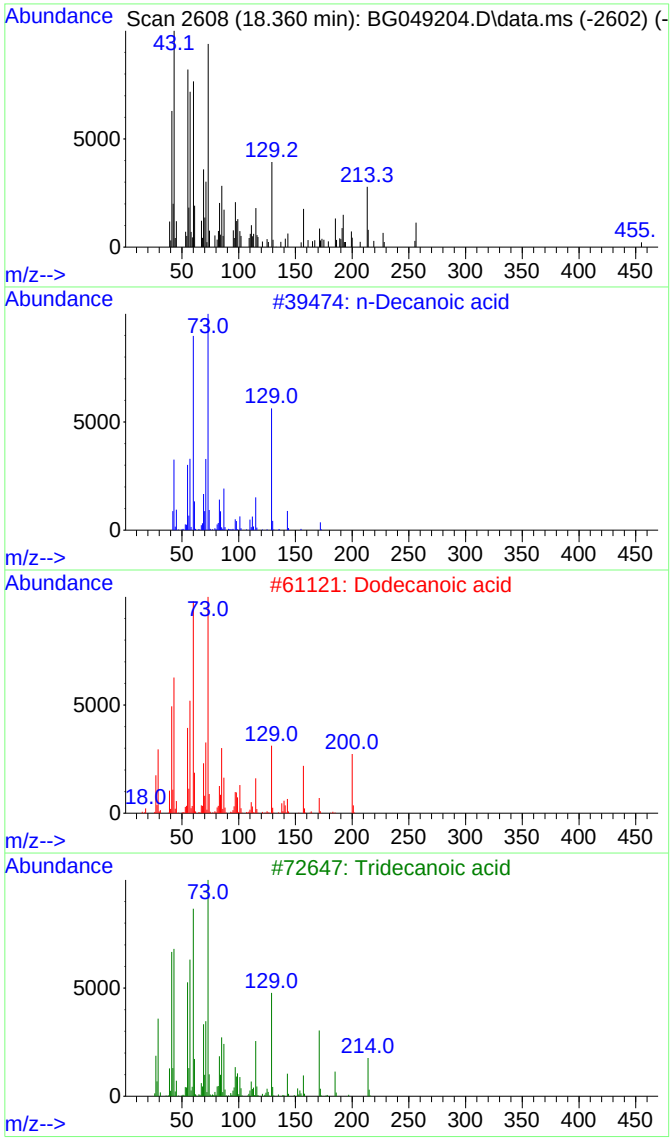
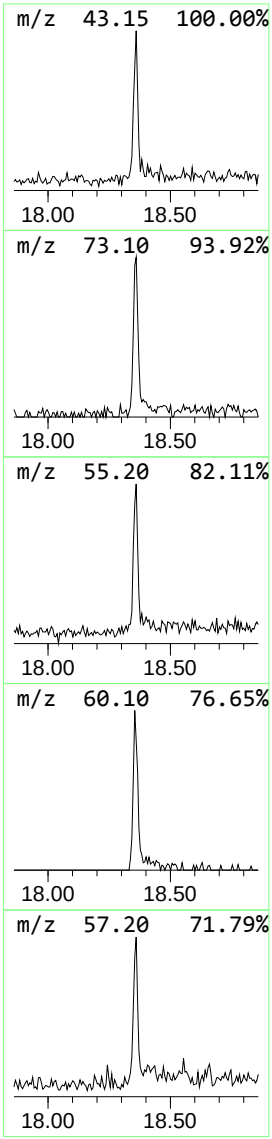
Peak Number 2 n-Decanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.360	4.24 ng	114949	Phenanthrene-d10	17.479

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	96
2	Dodecanoic acid	200	C12H24O2	000143-07-7	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Octadecanoic acid	284	C18H36O2	000057-11-4	64





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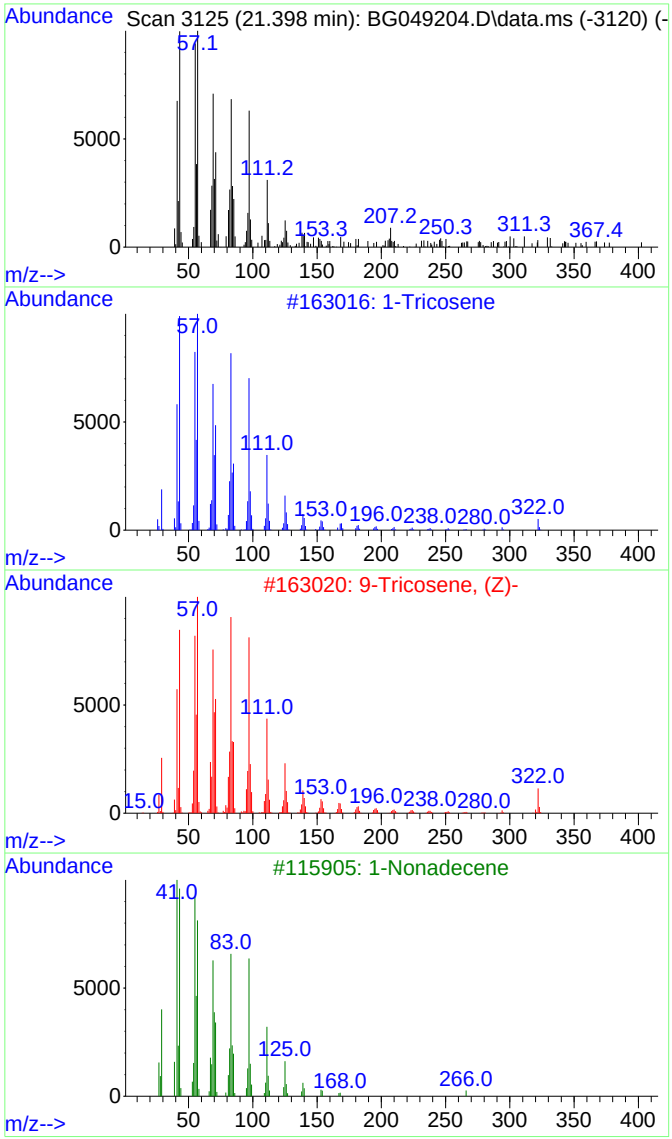
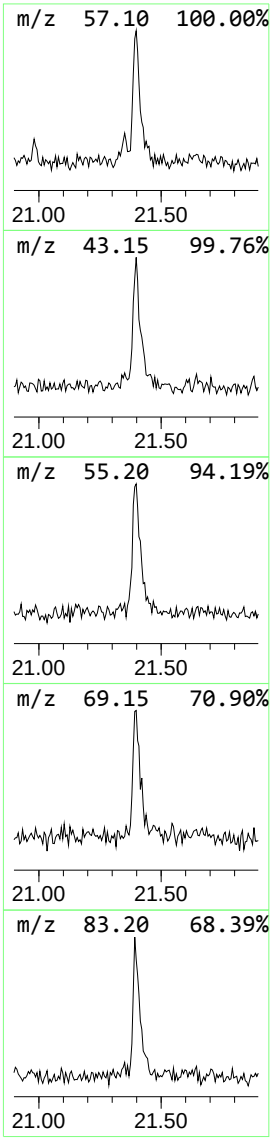
Peak Number 3 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.398	6.51 ng	174513	Chrysene-d12	21.768

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	96
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	96
3	1-Nonadecene	266	C19H38	018435-45-5	95
4	11-Tricosene	322	C23H46	052078-56-5	95
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93





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-Decanoic acid	18.360	4.2	ng	114949	4	17.479	542679	20.0
1-Tricosene	21.398	6.5	ng	174513	5	21.768	535787	20.0