LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048611.D
Acq On : 6 Apr 2021 19:47
Operator : CG/JU
Sample : M1933-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BENNETT_BH_05_2-2.5

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-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048611.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.638	384	391	398	rVB	237719	382073	31.78%	6.633%
2	7.242	656	664	672	rBV	256656	434155	36.12%	7.538%
3	8.094	802	809	816	rBV	88244	150407	12.51%	2.611%
4	9.263	1000	1008	1016	rVB	157030	276768	23.02%	4.805%
5	10.920	1280	1290	1297	rBV	111622	204620	17.02%	3.553%
6	13.364	1699	1706	1713	rBV	397551	611200	50.84%	10.611%
7	14.187	1841	1846	1849	rBV2	11678	16067	1.34%	0.279%
8	14.745	1935	1941	1950	rBV2	180235	277227	23.06%	4.813%
9	16.231	2187	2194	2206	rBV	357193	572923	47.66%	9.947%
10	17.500	2403	2410	2420	rBV	242561	387035	32.20%	6.720%
11	18.376	2552	2559	2568	rBV2	50747	77236	6.42%	1.341%
12	19.645	2771	2775	2779	rBV3	10766	16309	1.36%	0.283%
13	20.109	2847	2854	2863	rBV	918161	1202134	100.00%	20.871%
14	21.414	3071	3076	3088	rBV2	77494	140157	11.66%	2.433%
15	21.795	3134	3141	3154	rBV	284560	482995	40.18%	8.386%
16	22.642	3276	3285	3286	rBV6	15975	27934	2.32%	0.485%
17	23.717	3462	3468	3472	rVB7	7295	14384	1.20%	0.250%
18	25.139	3699	3710	3722	rBV4	157586	486188	40.44%	8.441%

Sum of corrected areas: 5759812

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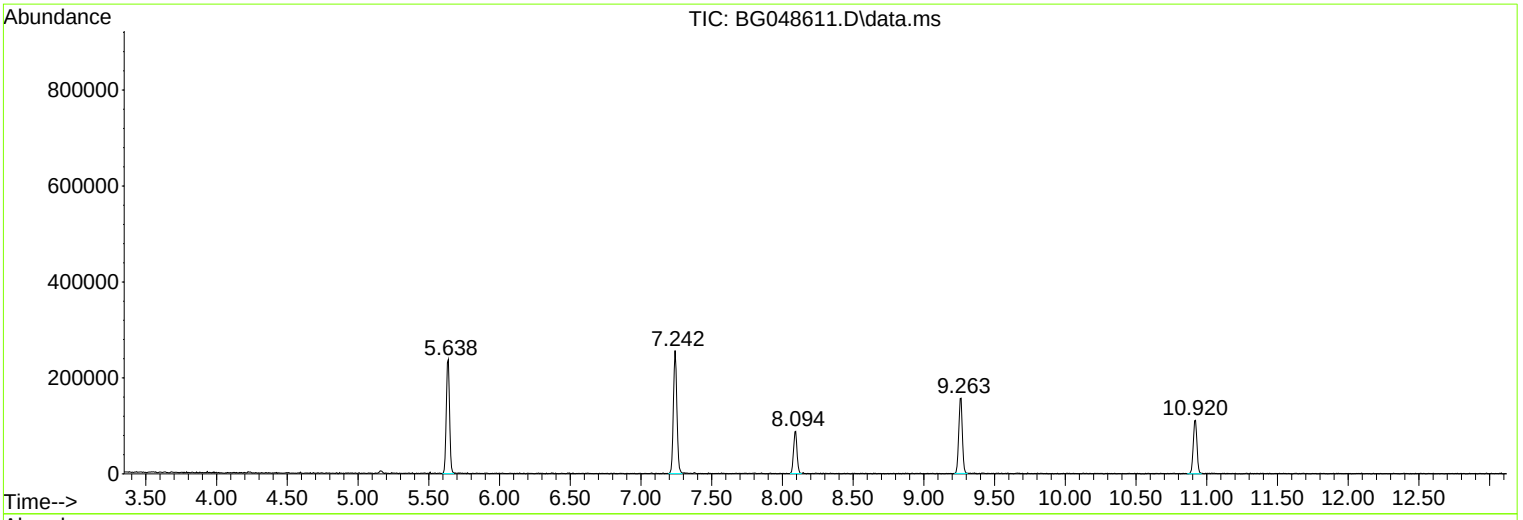
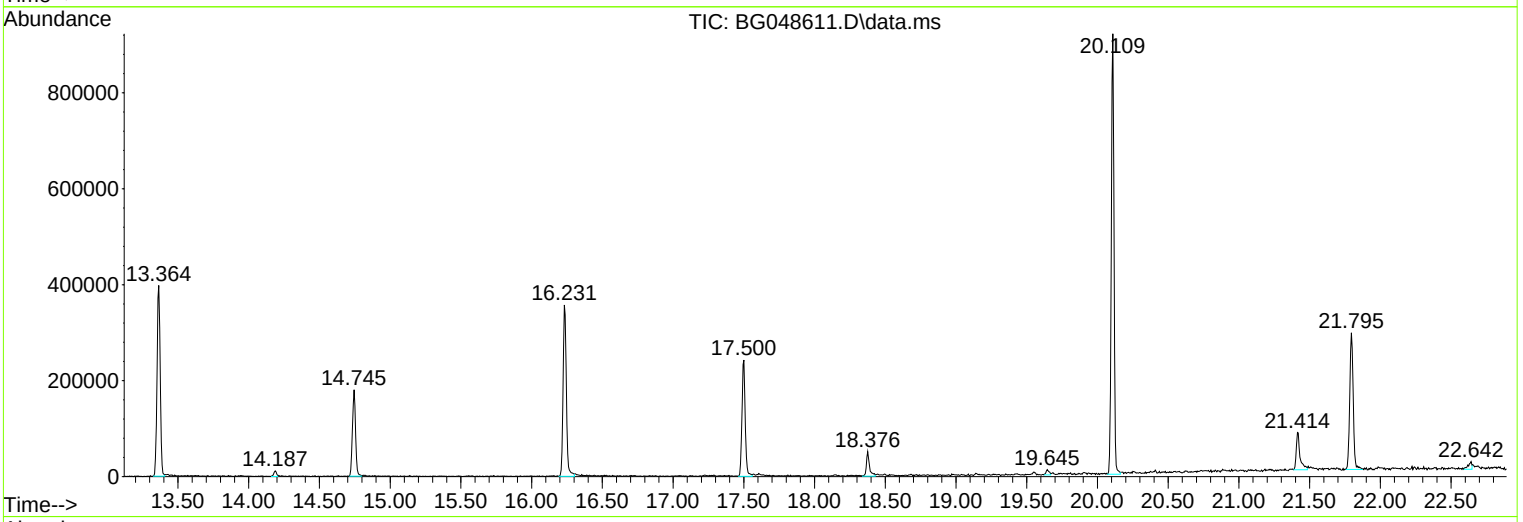
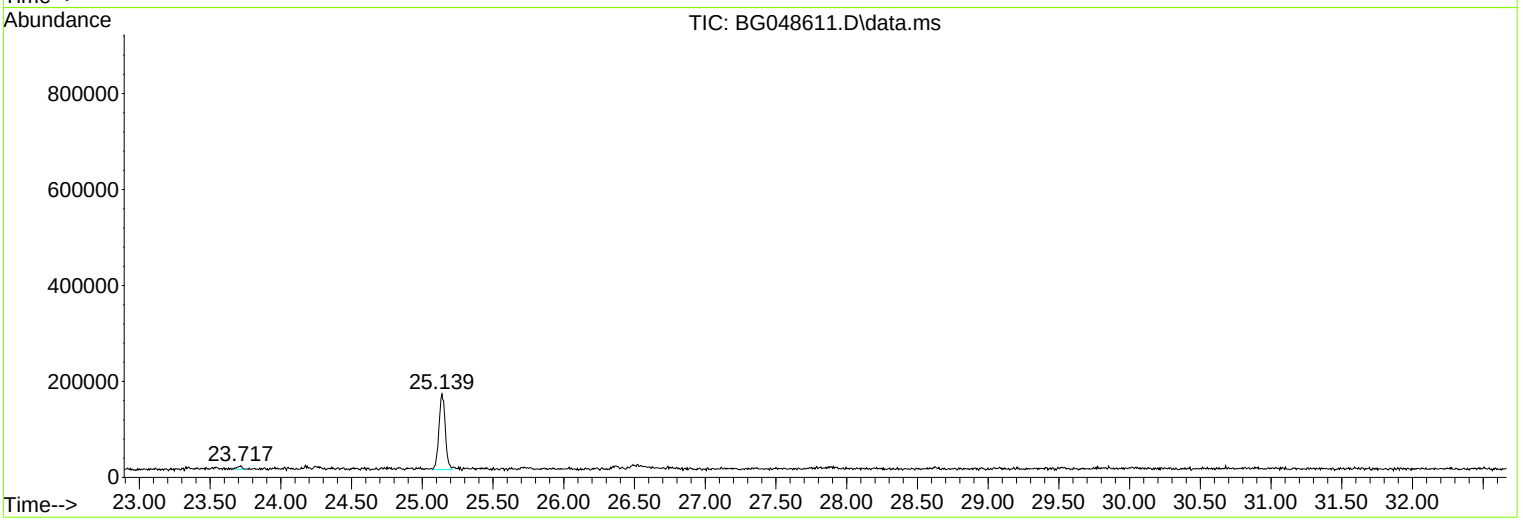
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG033021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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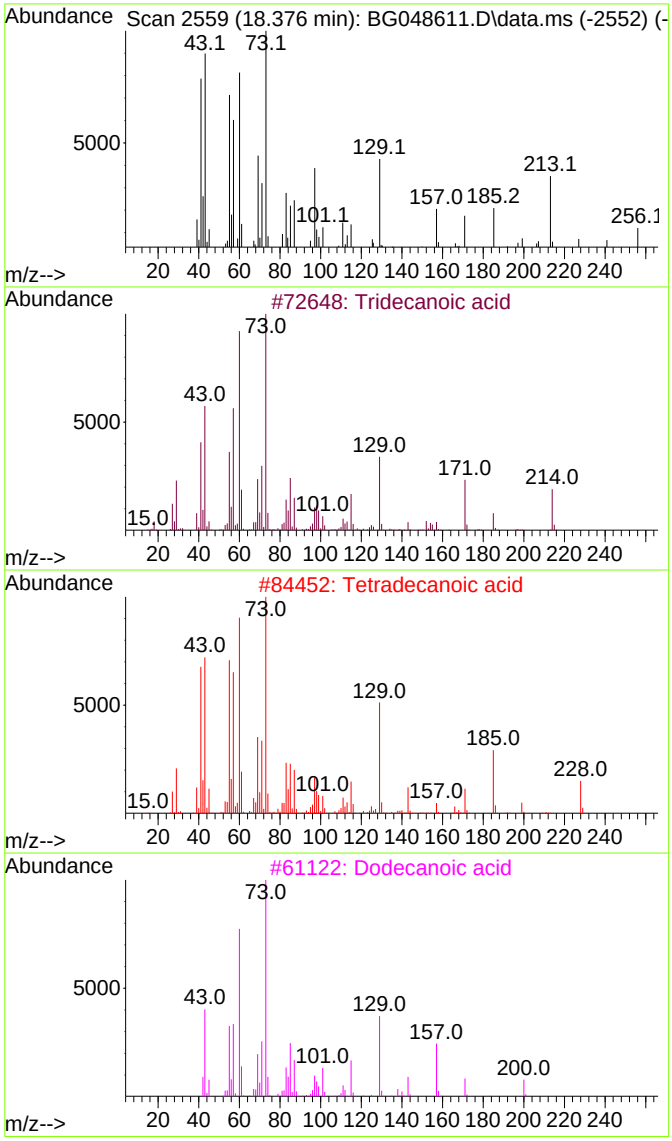
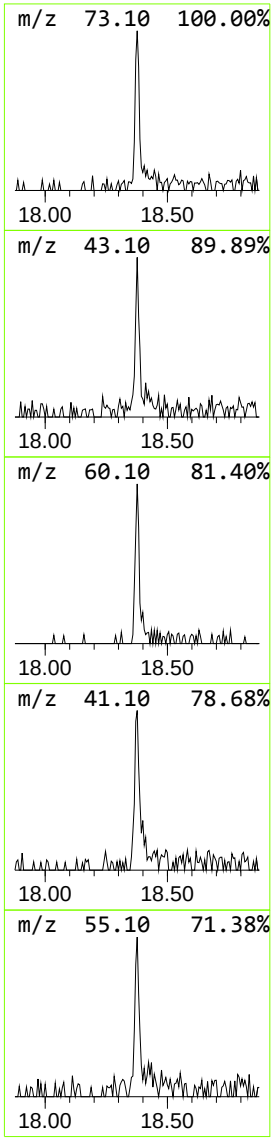
Peak Number 1 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	3.99 ng	77236	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	83
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Dodecanoic acid	200	C12H24O2	000143-07-7	52
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	49





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

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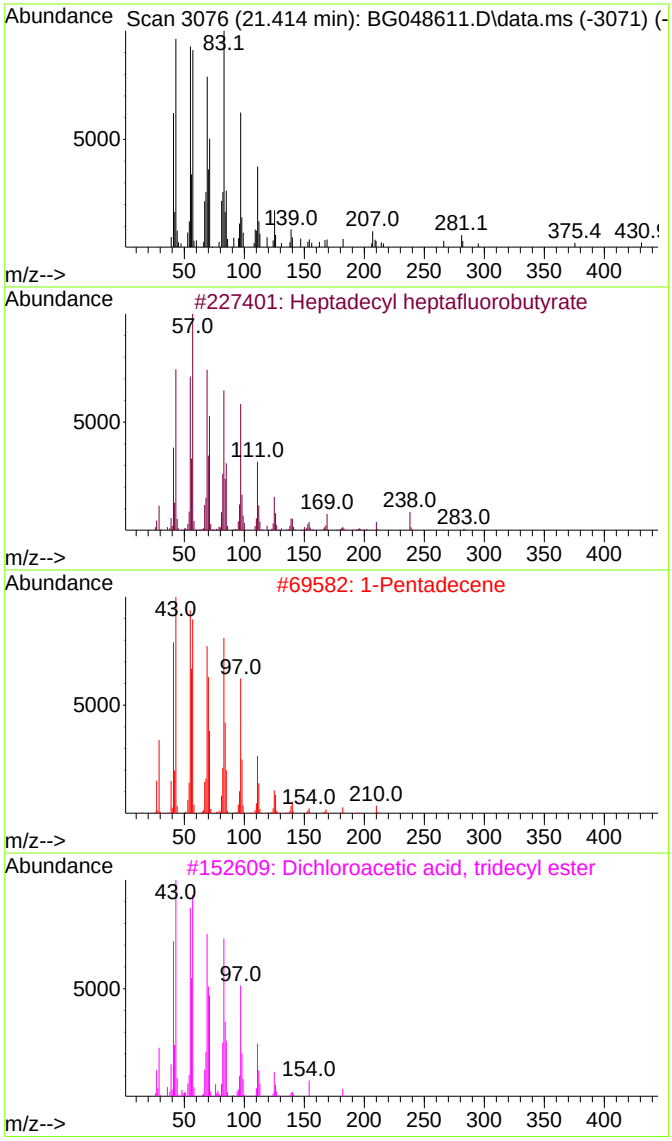
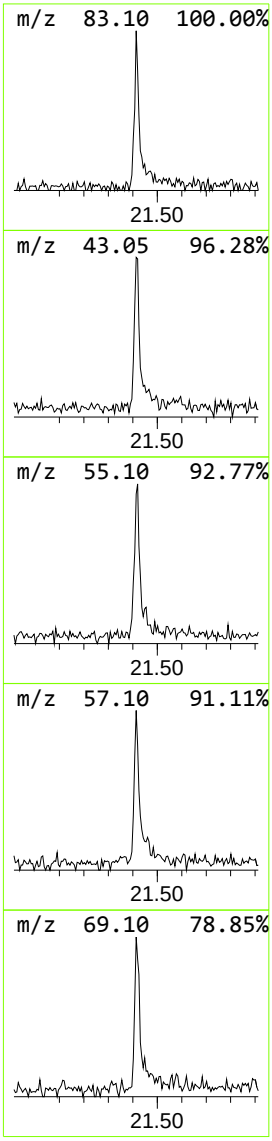
Peak Number 2 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.413	5.80 ng	140157	Chrysene-d12	21.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
2	1-Pentadecene	210	C15H30	013360-61-7	91
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	83
5	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	55





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
Tridecanoic acid	18.376	4.0	ng	77236	4	17.500	387035	20.0
Heptadecyl hept...	21.413	5.8	ng	140157	5	21.795	482995	20.0