LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100820\
Data File : BG046820.D
Acq On : 8 Oct 2020 18:08
Operator : CG/JU
Sample : L4293-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-17-MW-4

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: BG046820.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	390	396	406	rVB	549041	871231	15.05%	3.995%
2	7.253	658	666	678	rBV	339466	603627	10.43%	2.768%
3	8.105	803	811	818	rBV	233531	409013	7.06%	1.876%
4	9.268	1000	1009	1016	rBV	858608	1530247	26.43%	7.017%
5	10.919	1282	1290	1297	rBV	307782	554723	9.58%	2.544%
6	13.358	1697	1705	1712	rBV	2159819	3270915	56.49%	15.000%
7	14.174	1838	1844	1849	rBV	55418	81002	1.40%	0.371%
8	14.727	1932	1938	1946	rBV	482299	766063	13.23%	3.513%
9	16.213	2184	2191	2204	rBV	1831759	2674341	46.19%	12.264%
10	17.471	2398	2405	2411	rBV	635724	989558	17.09%	4.538%
11	18.358	2549	2556	2569	rBV	395583	662157	11.44%	3.037%
12	19.621	2767	2771	2782	rBV	235036	357724	6.18%	1.640%
13	20.079	2842	2849	2855	rBV	4329690	5790128	100.00%	26.553%
14	21.384	3066	3071	3083	rBV	399000	693438	11.98%	3.180%
15	21.748	3126	3133	3140	rVB	747387	1260393	21.77%	5.780%
16	25.021	3679	3690	3699	rBV3	437415	1291761	22.31%	5.924%

Sum of corrected areas: 21806321

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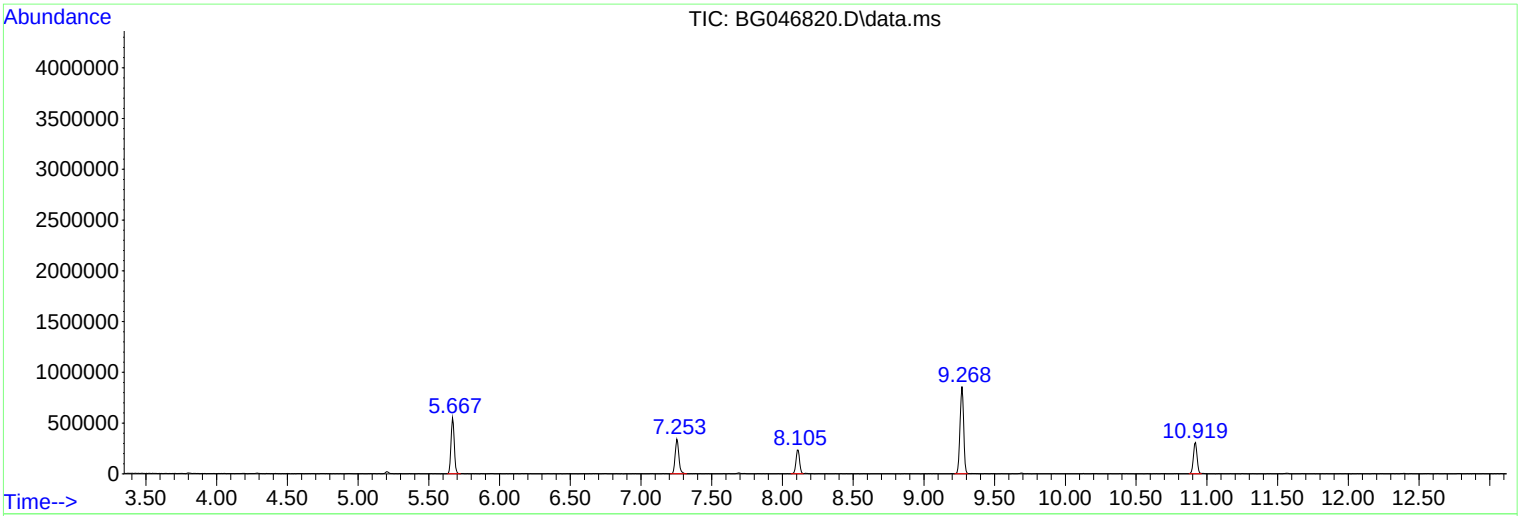
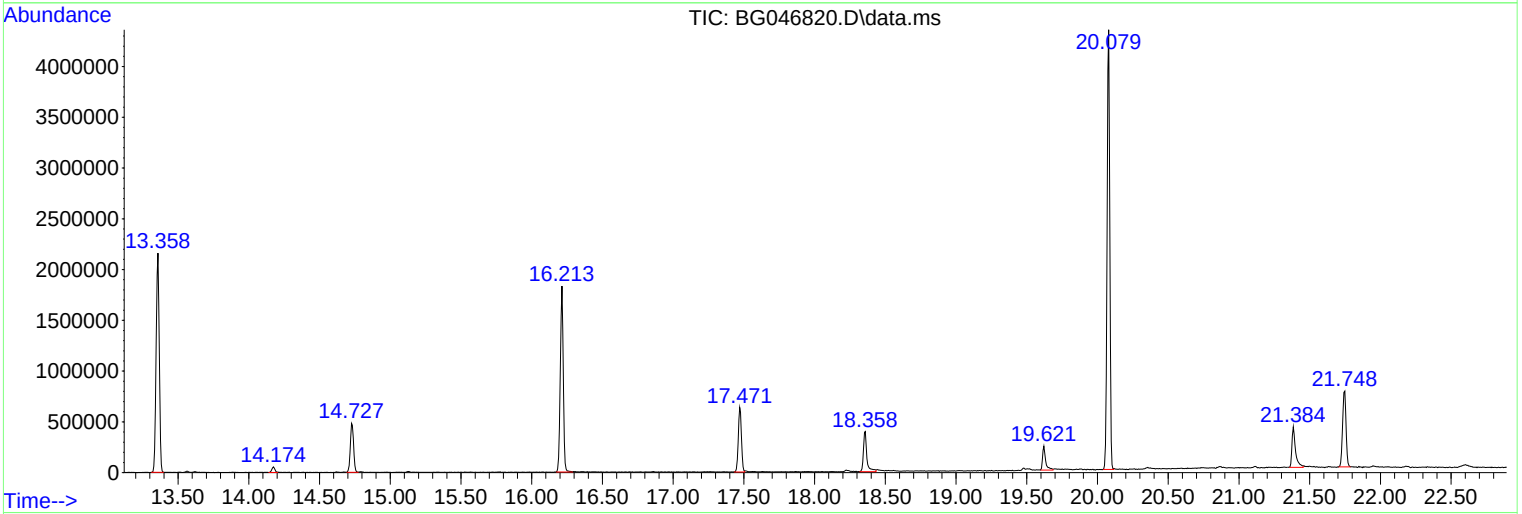
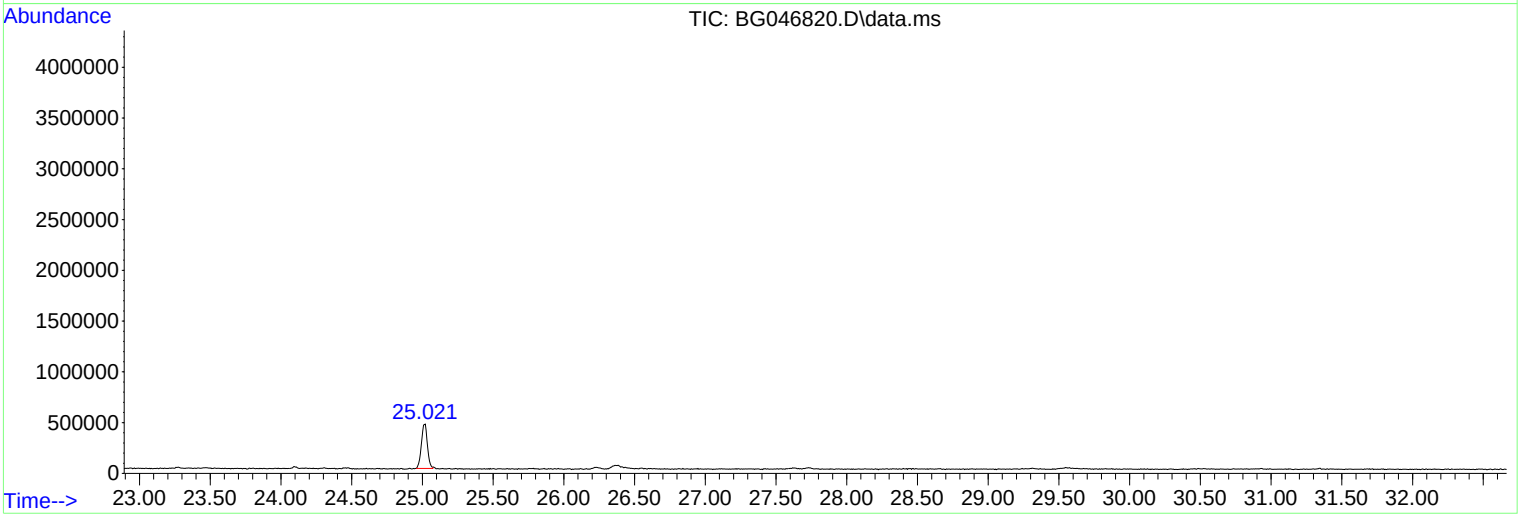
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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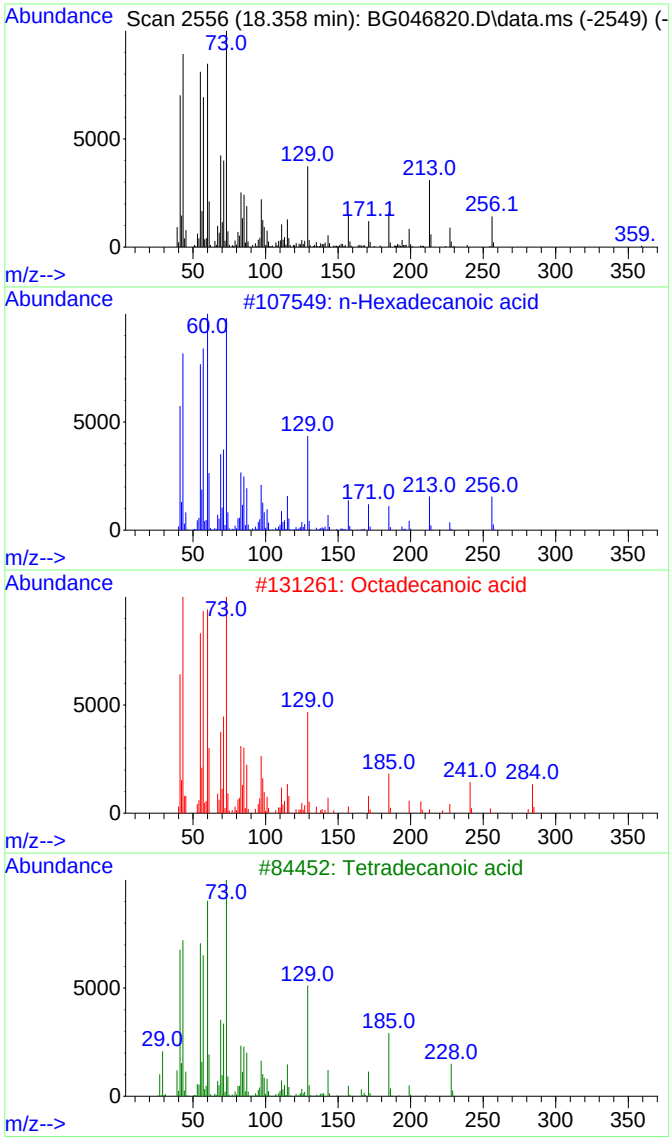
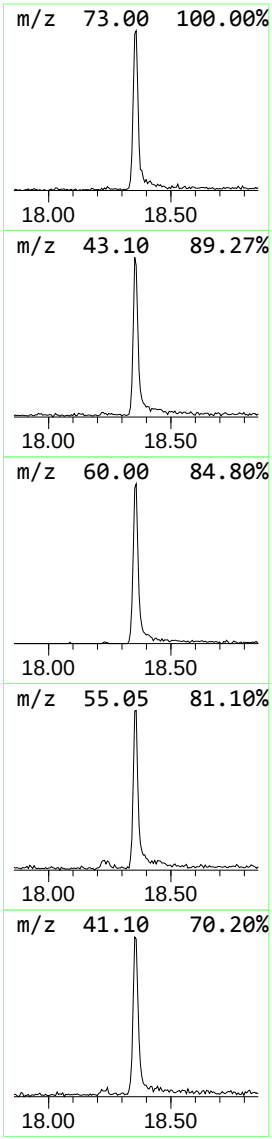
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.358	13.38 ng	662157	Phenanthrene-d10	17.471

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





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BNA_G
ClientSampleId :
B-17-MW-4

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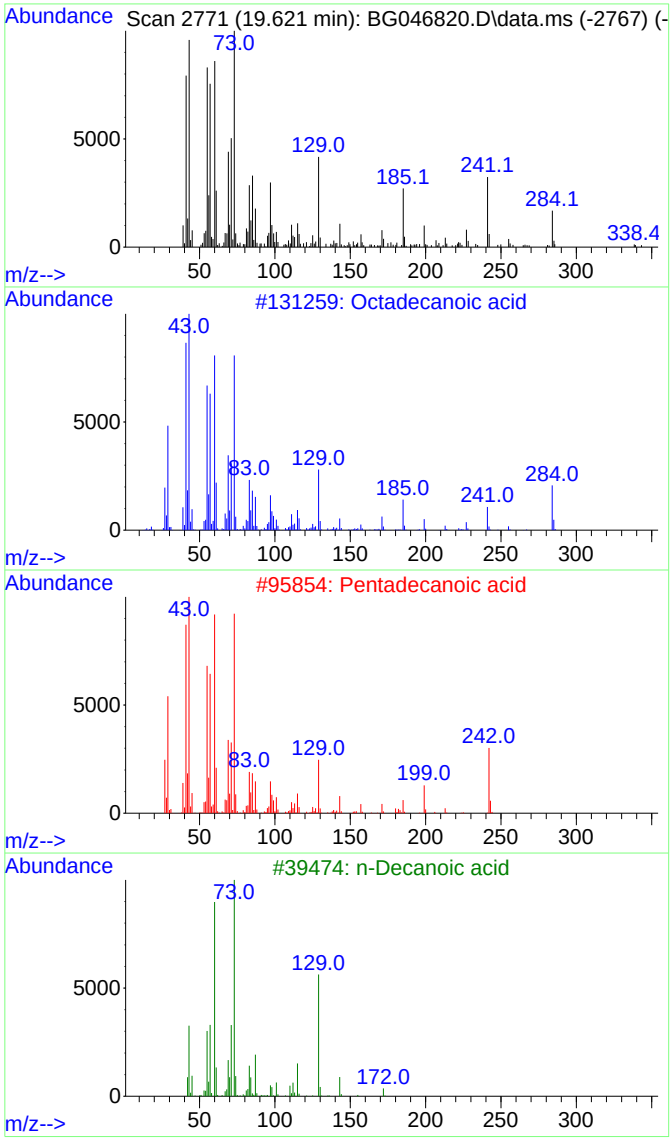
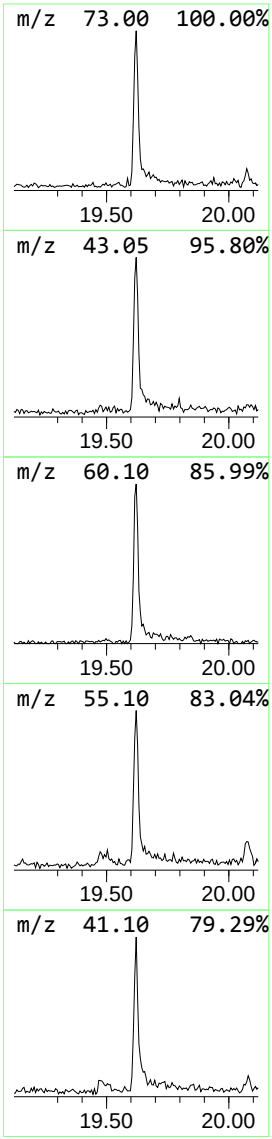
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.621	5.68 ng	357724	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
3	n-Decanoic acid	172	C10H20O2	000334-48-5	78
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-17-MW-4

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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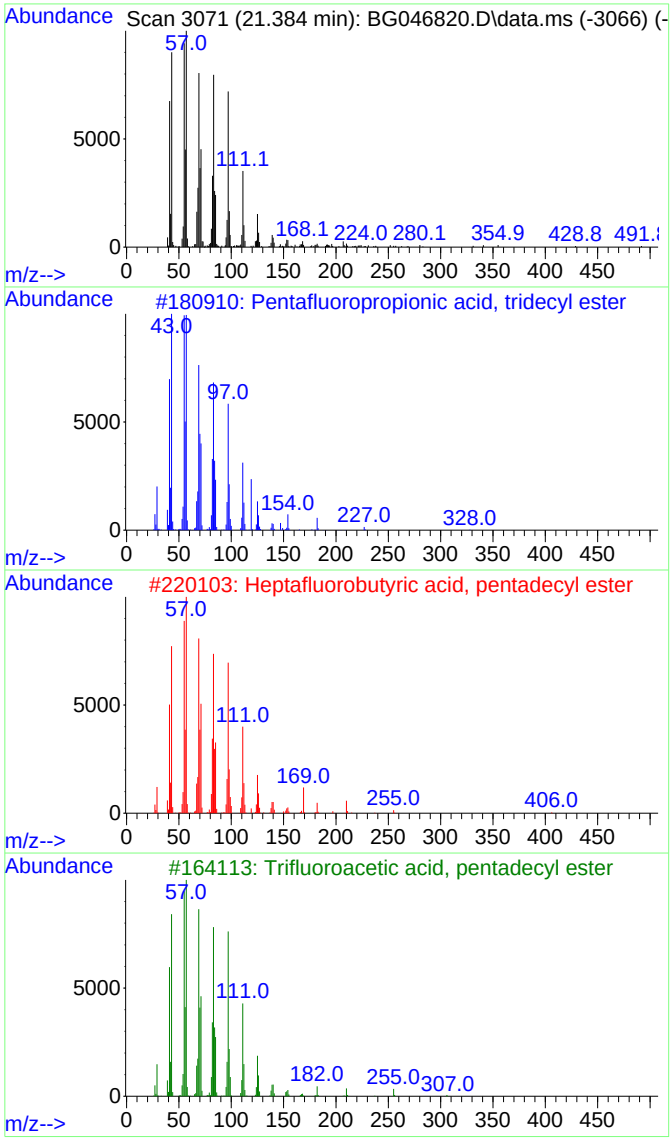
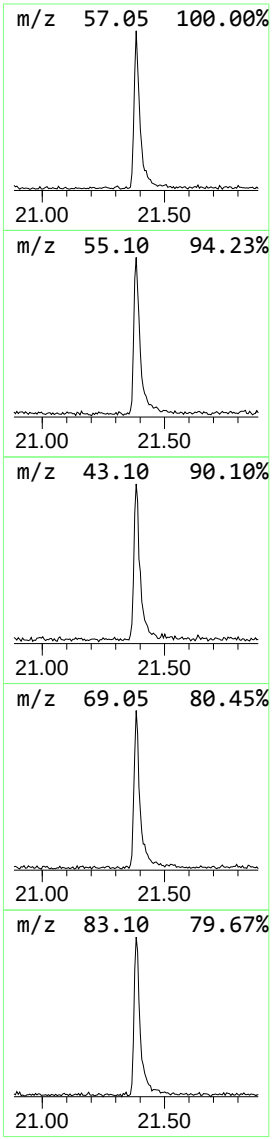
Peak Number 3 Pentafluoropropionic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.384	11.00 ng	693438	Chrysene-d12	21.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	94
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	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 ...	18.358	13.4	ng	662157	4	17.471	989558	20.0
Octadecanoic acid	19.621	5.7	ng	357724	5	21.748	1260390	20.0
Pentafluoroprop...	21.384	11.0	ng	693438	5	21.748	1260390	20.0