LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040621\
Data File : BG048609.D
Acq On : 6 Apr 2021 18:26
Operator : CG/JU
Sample : M1928-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-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-BG033021.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048609.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.637	383	391	400	rBV	224834	357349	18.79%	4.441%
2	7.241	657	664	674	rVB	136712	250295	13.16%	3.110%
3	8.093	800	809	816	rBV	99178	164489	8.65%	2.044%
4	9.262	1000	1008	1016	rBV	325286	576636	30.32%	7.166%
5	10.913	1282	1289	1297	rBV	119268	214081	11.26%	2.660%
6	13.363	1699	1706	1715	rBV	826717	1298568	68.29%	16.137%
7	14.186	1840	1846	1849	rBV2	16546	22483	1.18%	0.279%
8	14.744	1934	1941	1946	rBV3	203824	343326	18.06%	4.267%
9	16.237	2187	2195	2204	rBV	722485	1128767	59.36%	14.027%
10	16.619	2257	2260	2268	rVB5	14240	25714	1.35%	0.320%
11	17.500	2403	2410	2416	rBV	267043	405671	21.33%	5.041%
12	18.381	2555	2560	2565	rBV3	115807	155791	8.19%	1.936%
13	19.145	2685	2690	2694	rBV2	16713	21750	1.14%	0.270%
14	19.644	2770	2775	2783	rBV2	67311	105987	5.57%	1.317%
15	20.109	2848	2854	2863	rBV	1486514	1901539	100.00%	23.631%
16	21.419	3072	3077	3086	rBV3	76456	137358	7.22%	1.707%
17	21.795	3135	3141	3150	rVB	266114	460493	24.22%	5.723%
18	23.322	3395	3401	3406	rBV10	11151	25616	1.35%	0.318%
19	25.138	3701	3710	3725	rVB3	156739	451025	23.72%	5.605%

Sum of corrected areas: 8046938

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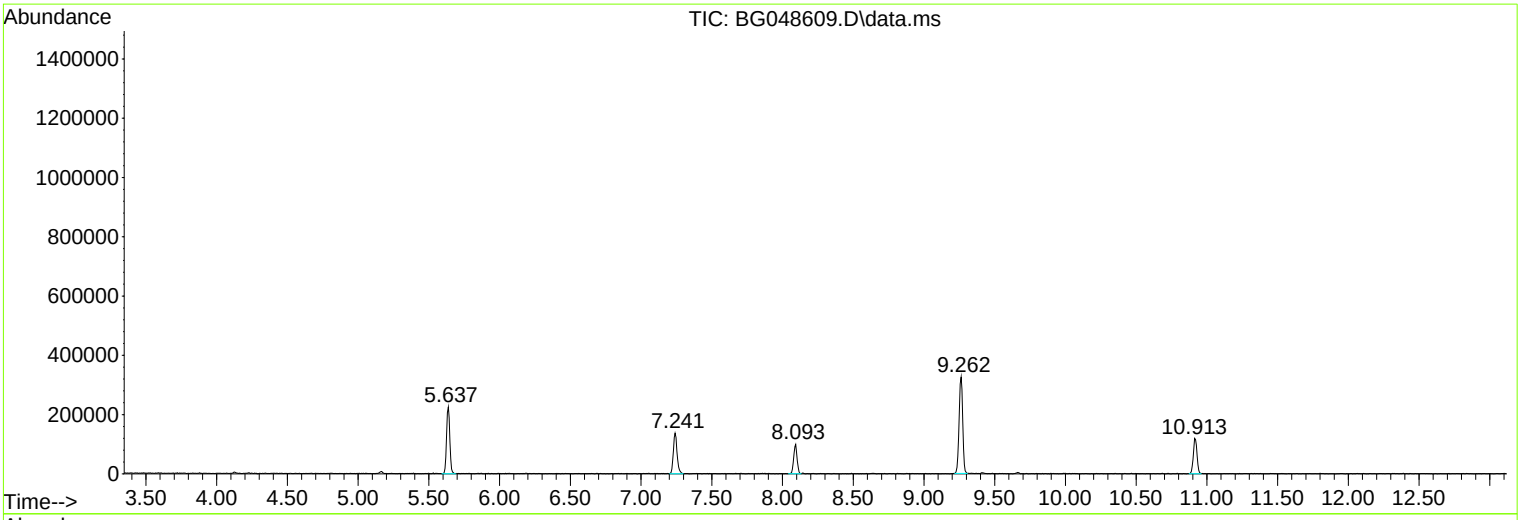
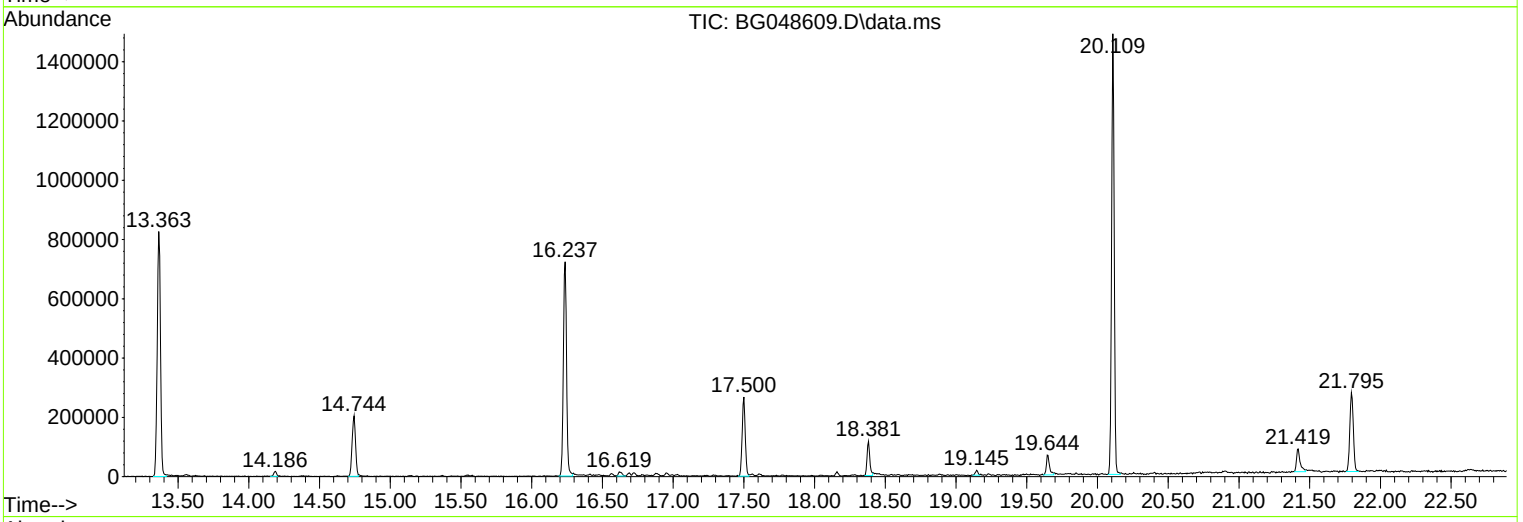
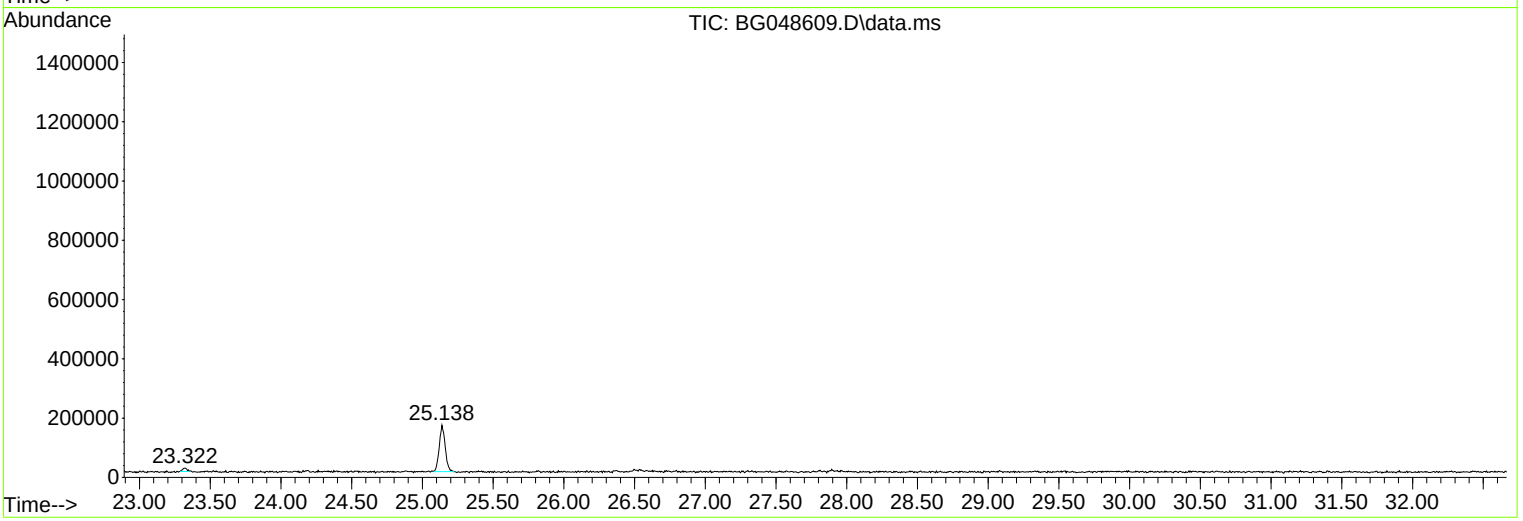
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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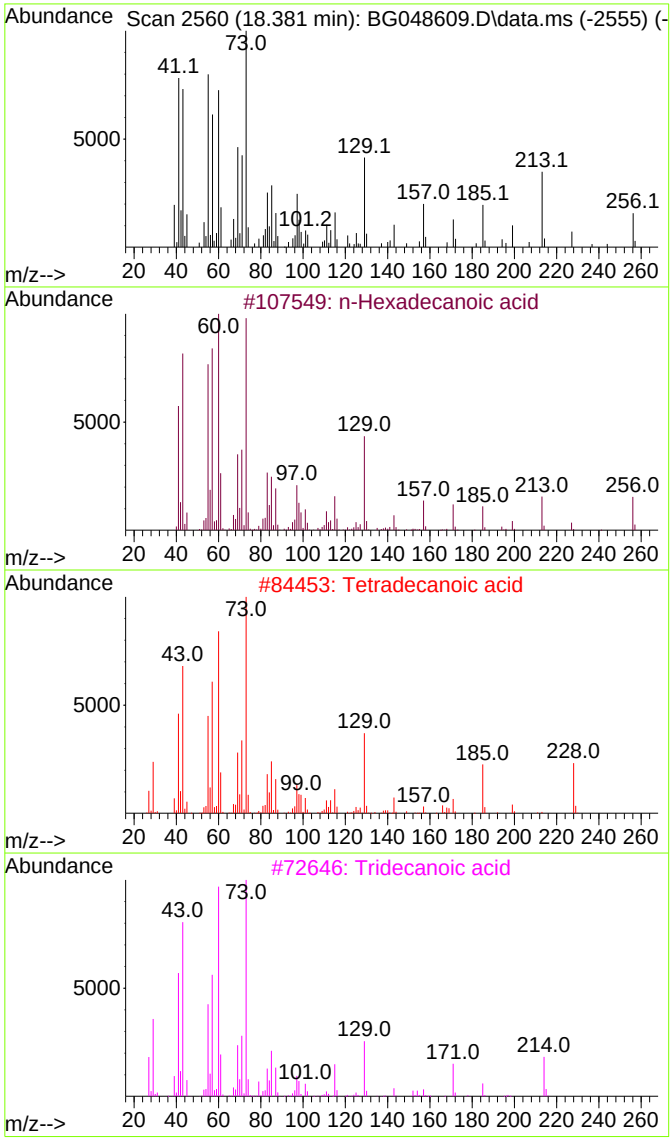
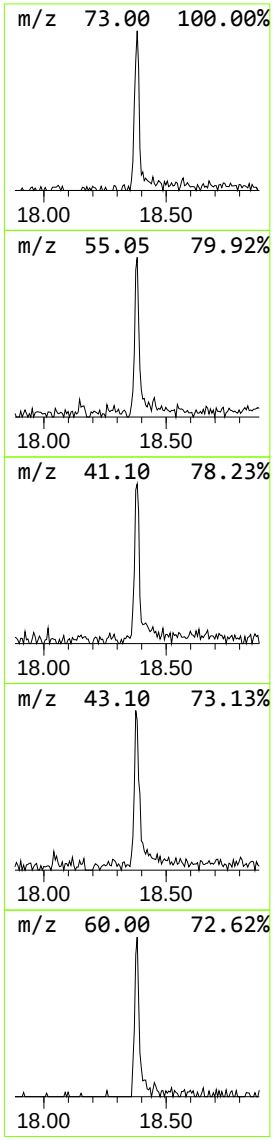
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.381	7.68 ng	155791	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	55
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53





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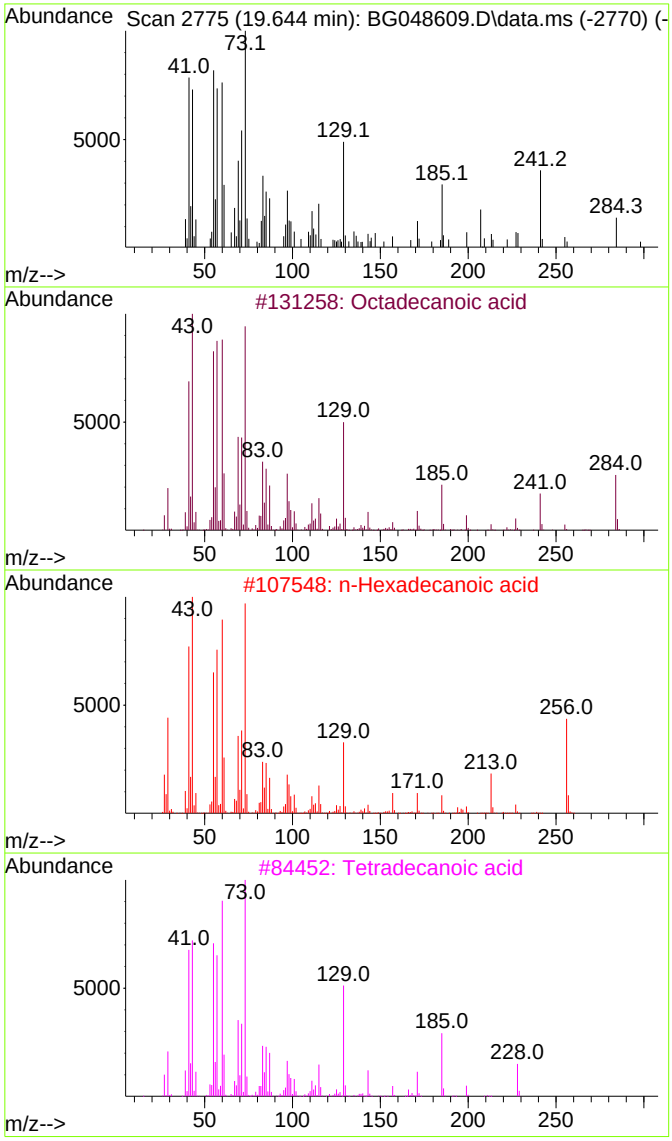
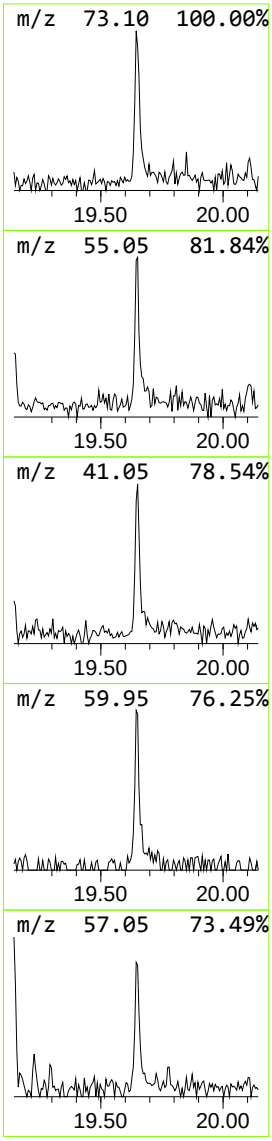
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.644	5.23 ng	105987	Phenanthrene-d10	17.500

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64





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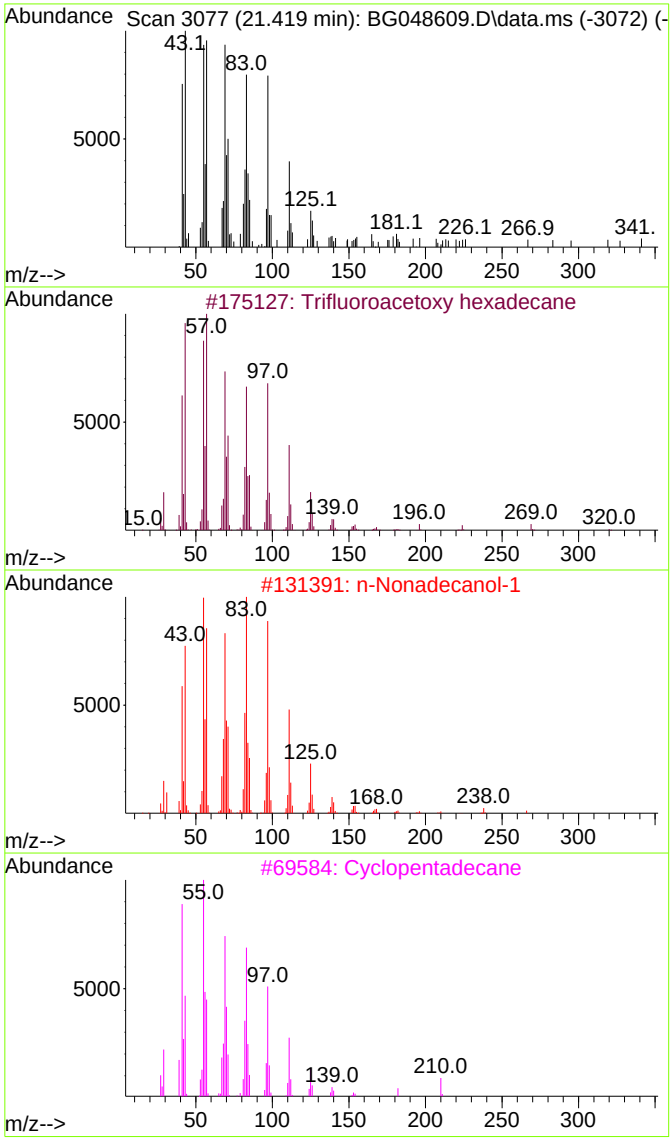
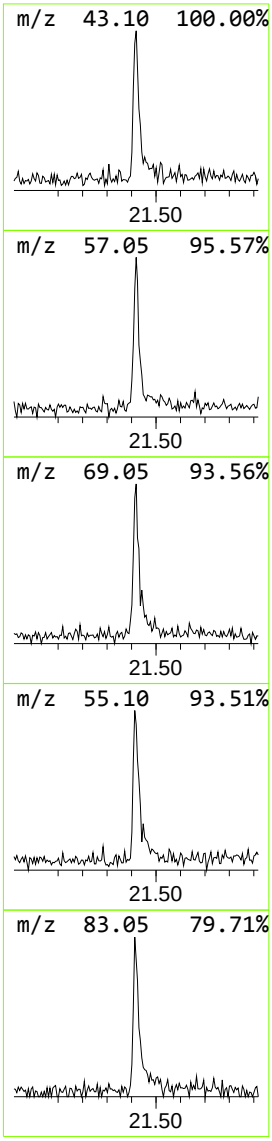
Peak Number 3 Trifluoroacetoxy hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.419	5.97 ng	137358	Chrysene-d12	21.795

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
3	Cyclopentadecane	210	C15H30	000295-48-7	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.381	7.7	ng	155791	4	17.500	405671	20.0
Octadecanoic acid	19.644	5.2	ng	105987	4	17.500	405671	20.0
Trifluoroacetox...	21.419	6.0	ng	137358	5	21.795	460493	20.0