LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091924\
Data File : BM047567.D
Acq On : 19 Sep 2024 12:35
Operator : RC/JU
Sample : PB163318BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB163318BL

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_M\Methods\8270-BM091424.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047567.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.951	311	317	324	rBV	348916	483347	3.62%	0.630%
2	5.416	389	396	406	rBV	6851894	9636831	72.09%	12.570%
3	7.004	656	666	674	rBV	6236745	9639354	72.11%	12.573%
4	7.839	802	808	817	rVB	1397856	2182787	16.33%	2.847%
5	8.992	996	1004	1013	rBV	3752547	5890232	44.06%	7.683%
6	10.633	1274	1283	1291	rBV	1656264	2799599	20.94%	3.652%
7	13.098	1694	1702	1710	rBV	7988487	11242717	84.10%	14.665%
8	14.468	1926	1935	1942	rBV	1987858	2999352	22.44%	3.912%
9	15.951	2180	2187	2199	rBV	5197472	7059008	52.80%	9.208%
10	17.209	2392	2401	2407	rBV	2152351	3046124	22.79%	3.973%
11	18.109	2546	2554	2578	rBV	1016989	2056461	15.38%	2.682%
12	19.380	2765	2770	2783	rBV	473134	819584	6.13%	1.069%
13	19.821	2840	2845	2856	rBV	11546260	13368478	100.00%	17.438%
14	21.433	3113	3119	3127	rBV	1906032	2735743	20.46%	3.568%
15	24.456	3625	3633	3642	rBV	1112319	2704517	20.23%	3.528%

Sum of corrected areas: 76664134

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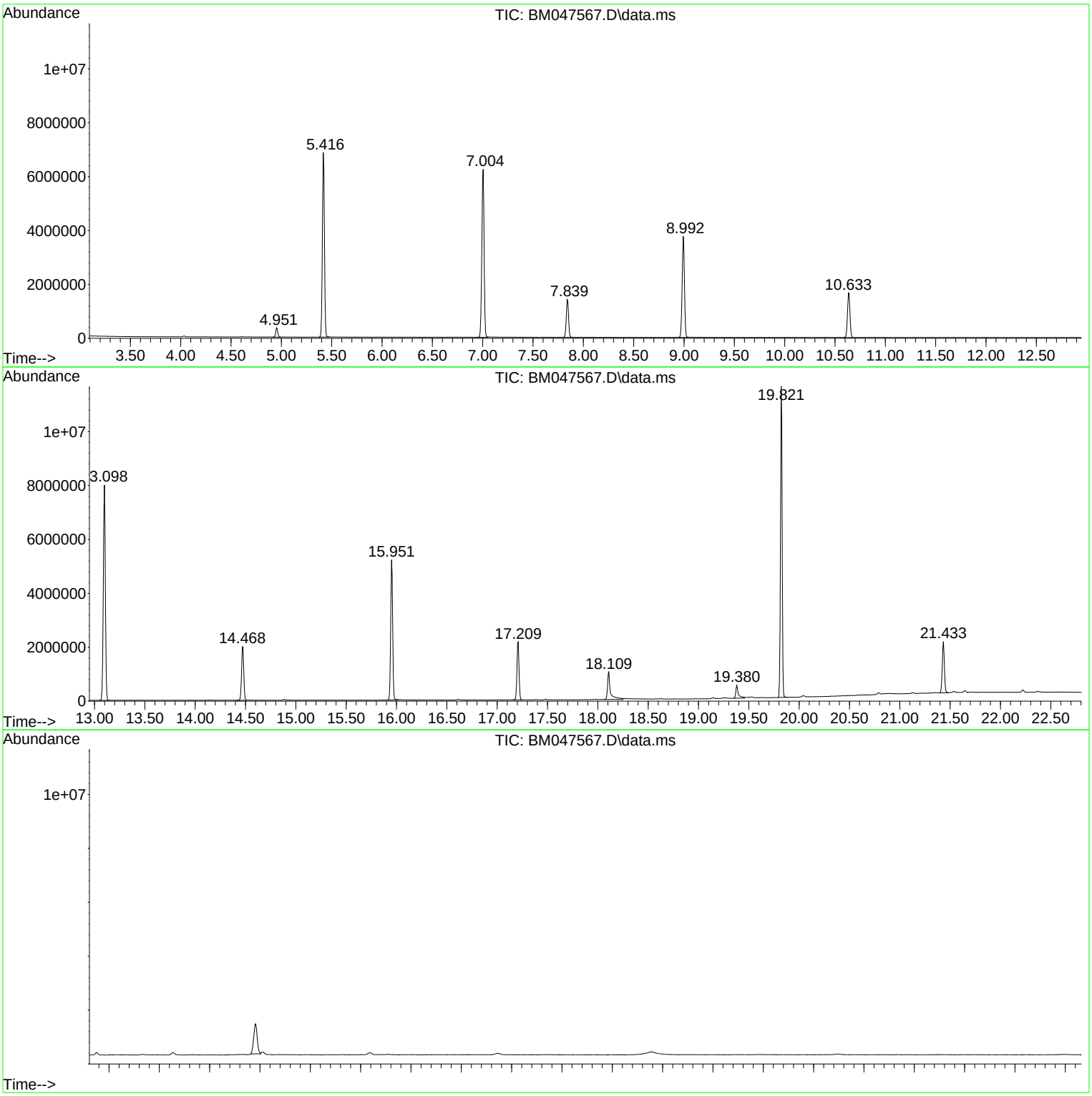
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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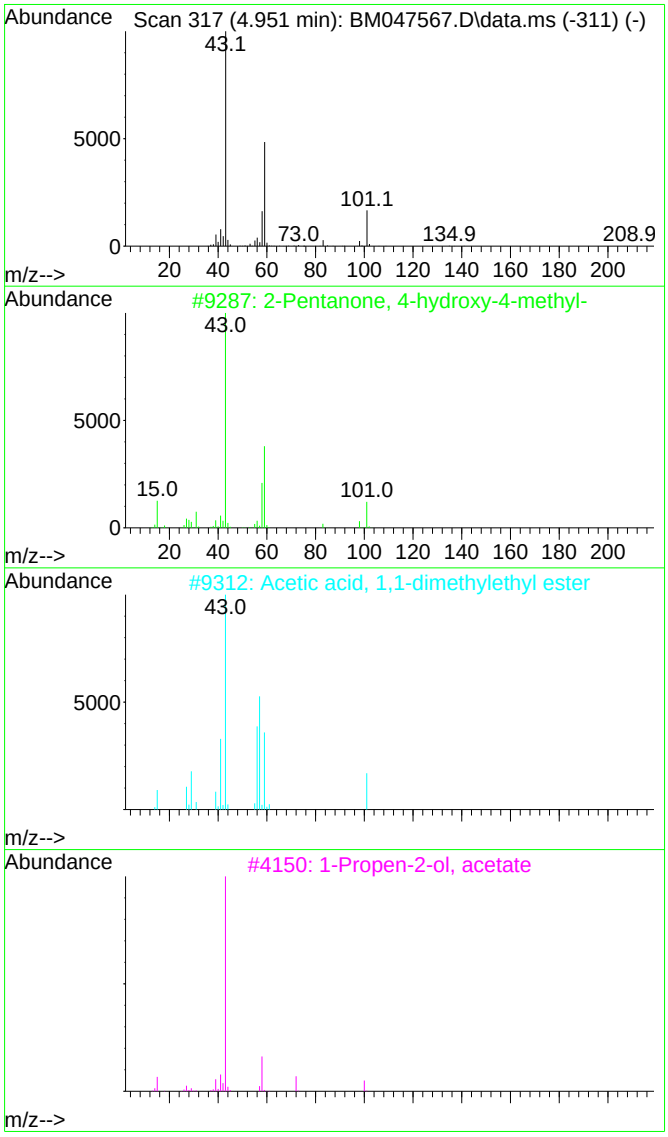
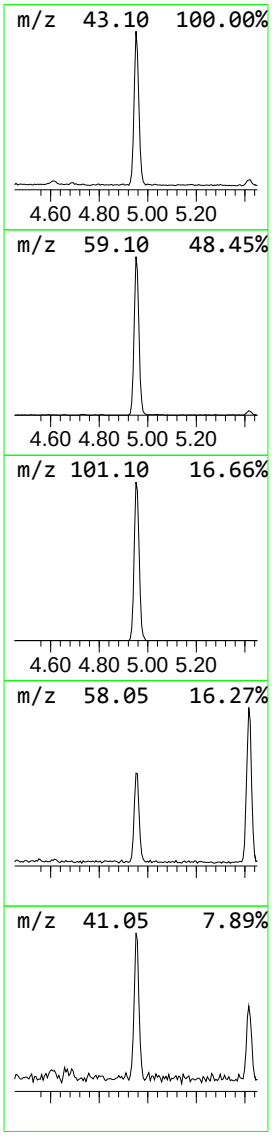
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.951	4.43 ng	483347	1,4-Dichlorobenzene-d4	7.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10
5	Diacetamide	101	C4H7NO2	000625-77-4	9





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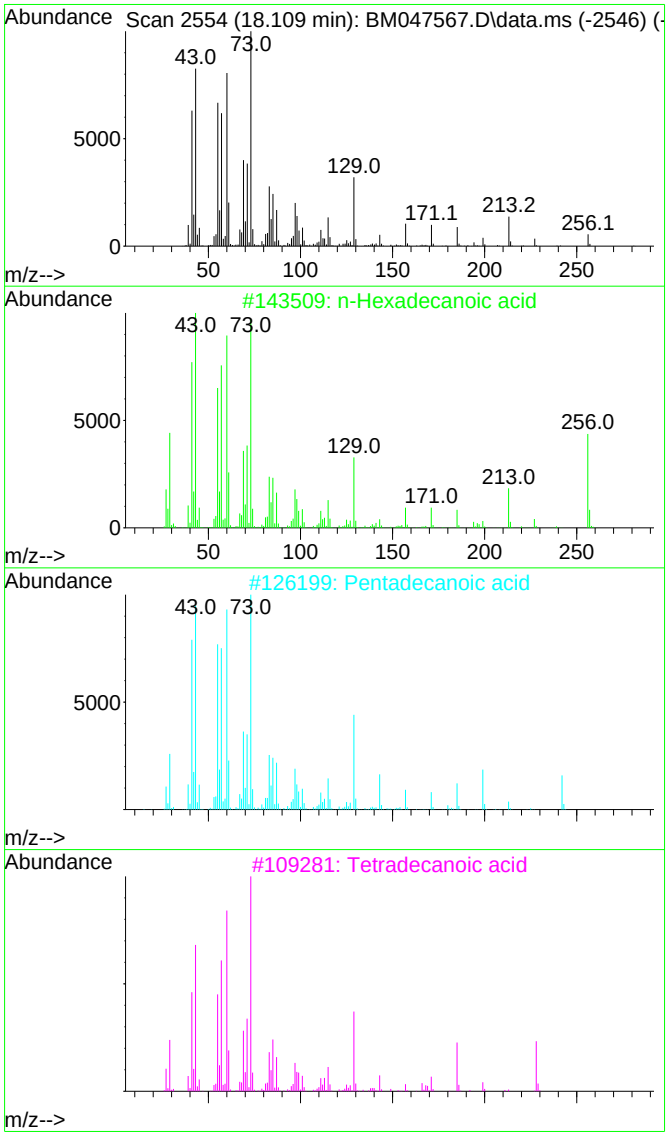
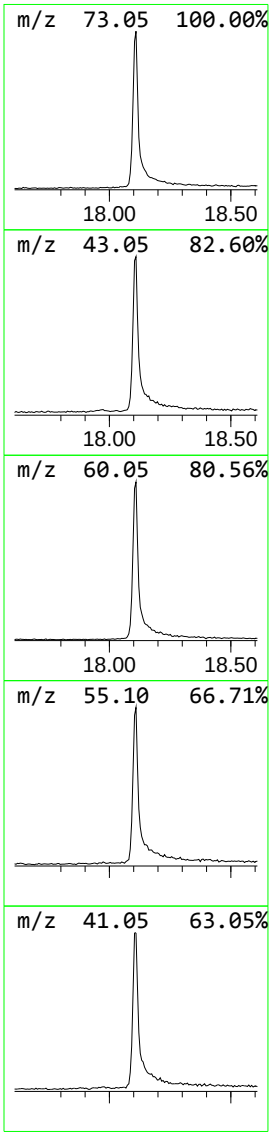
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.109	13.50 ng	2056460	Phenanthrene-d10	17.209

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	70





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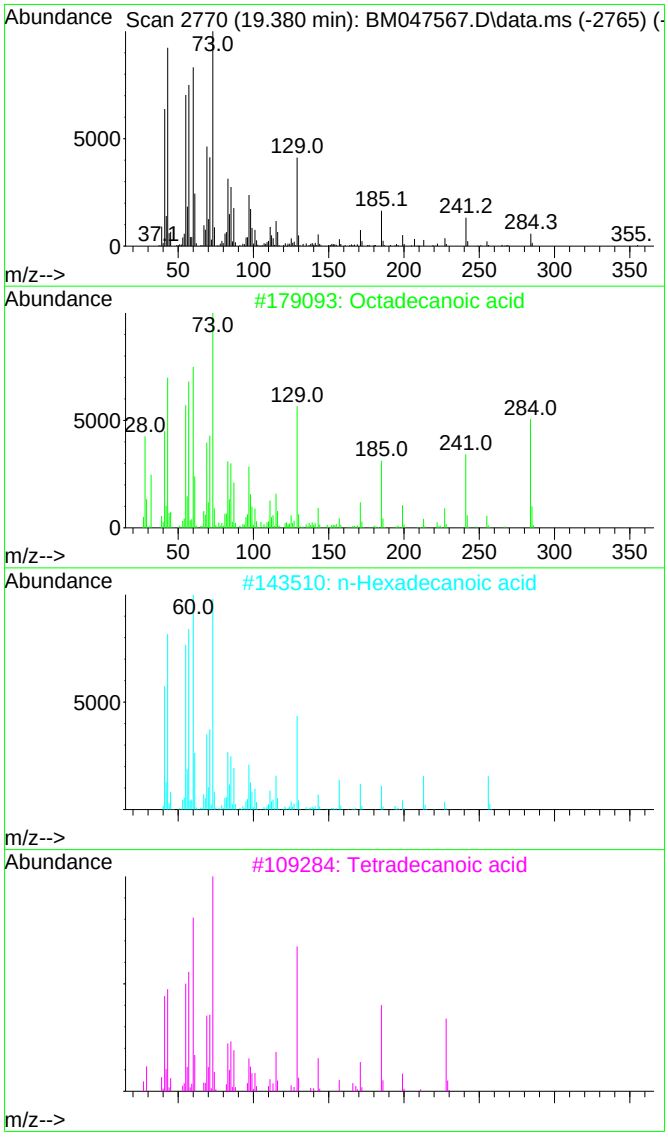
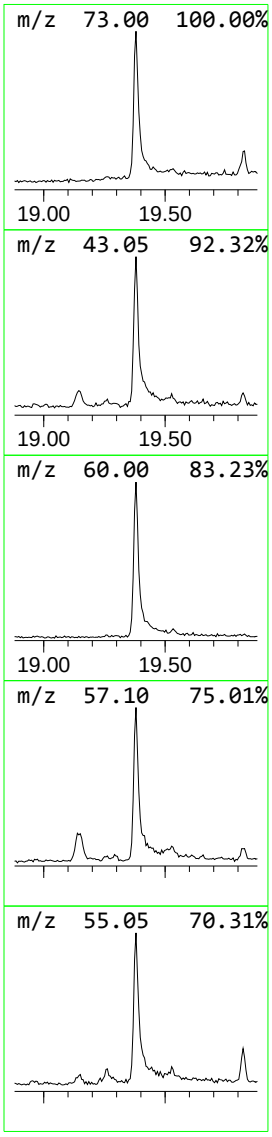
****
Peak Number 3 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	5.99 ng	819584	Chrysene-d12	21.433

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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.951	4.4	ng	483347	1	7.839	2182790	20.0
n-Hexadecanoic ...	18.109	13.5	ng	2056460	4	17.209	3046120	20.0
Octadecanoic acid	19.380	6.0	ng	819584	5	21.433	2735740	20.0