LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037268.D
Acq On : 29 Oct 2022 13:29
Operator : CG/JU
Sample : N5266-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20221092-FIELD-BLANK-2

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-BM102822.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM037268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.981	315	322	331	rBV	643906	892145	3.41%	0.812%
2	5.440	394	400	414	rBV	4212147	6113633	23.38%	5.564%
3	7.046	666	673	687	rBV	2259155	3583896	13.70%	3.262%
4	7.875	807	814	826	rVB	1700624	2645305	10.11%	2.407%
5	9.045	1004	1013	1028	rBV	6084839	9737143	37.23%	8.861%
6	10.675	1282	1290	1303	rBV	2176826	3569572	13.65%	3.248%
7	13.133	1700	1708	1723	rBV	14901009	21463392	82.07%	19.533%
8	14.504	1933	1941	1956	rBV	3029219	4288581	16.40%	3.903%
9	15.998	2185	2195	2215	rBV	10391610	15144477	57.90%	13.782%
10	17.245	2401	2407	2419	rBV	3206566	4540900	17.36%	4.132%
11	17.368	2423	2428	2434	rVB2	192663	267601	1.02%	0.244%
12	18.139	2554	2559	2569	rBV	357371	754056	2.88%	0.686%
13	19.415	2772	2776	2790	rBV	887348	1739001	6.65%	1.583%
14	19.868	2847	2853	2858	rBV	21977209	26154084	100.00%	23.801%
15	21.421	3112	3117	3128	rBV	3410649	4466526	17.08%	4.065%
16	23.780	3512	3518	3526	rVB2	2305272	4524357	17.30%	4.117%

Sum of corrected areas: 109884669

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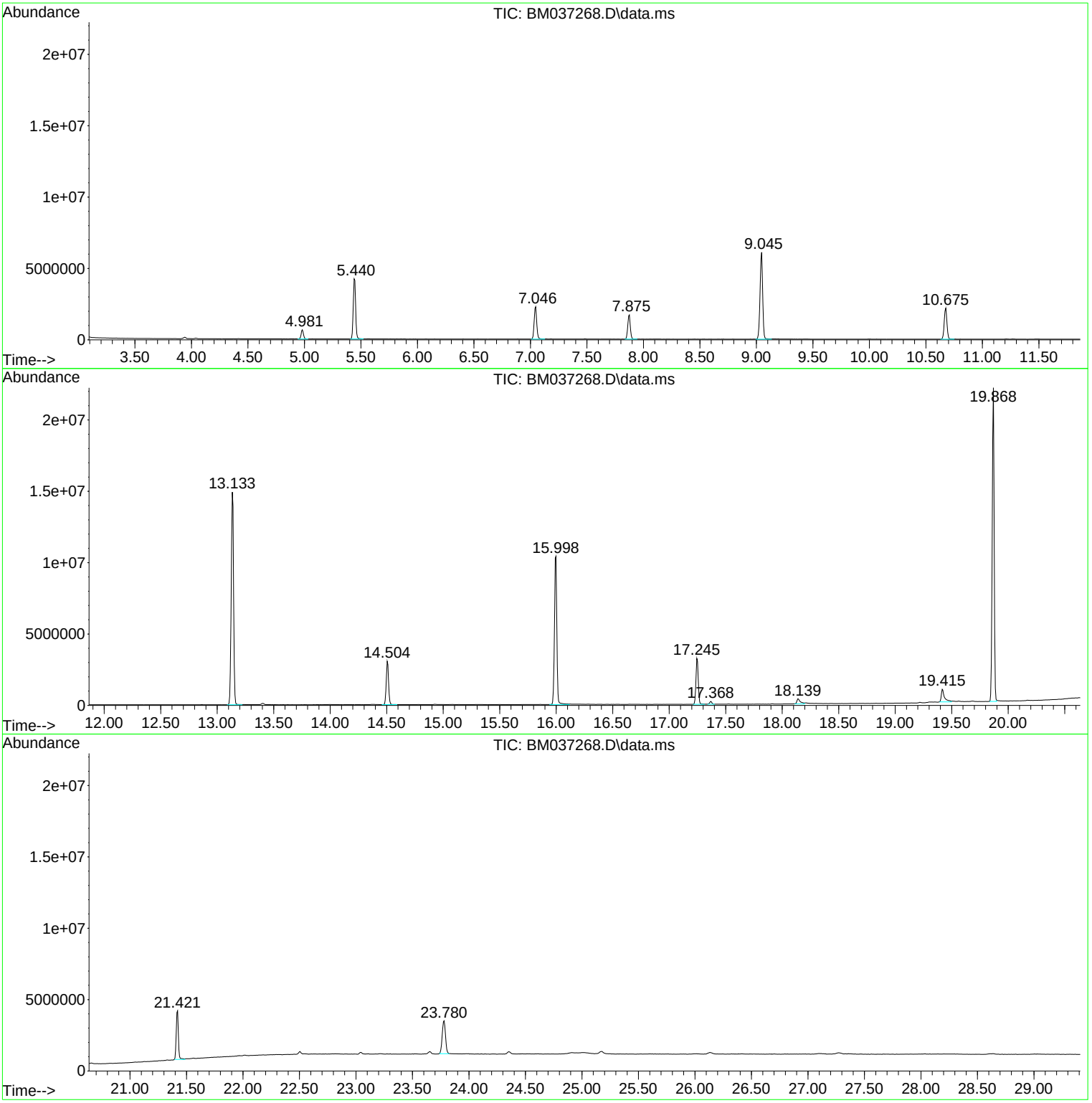
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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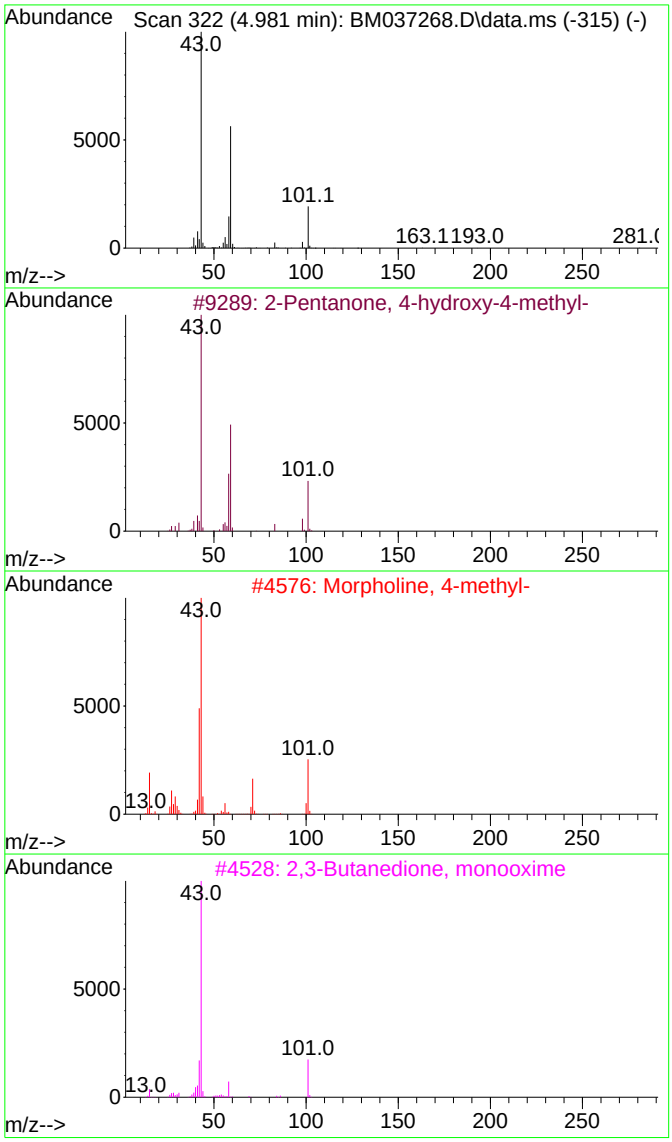
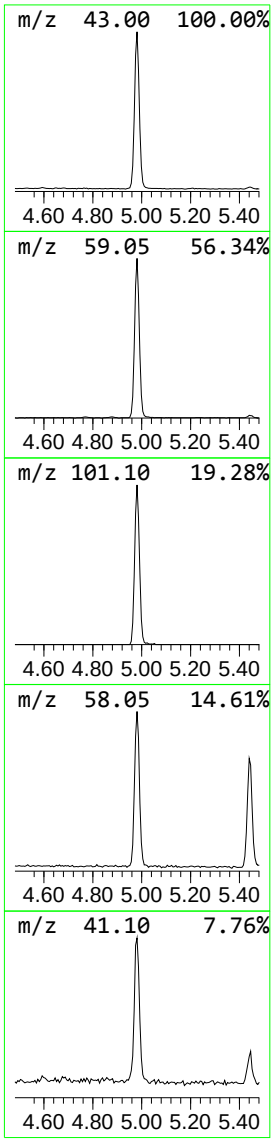
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.981	6.75 ng	892145	1,4-Dichlorobenzene-d4	7.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9
5	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	9





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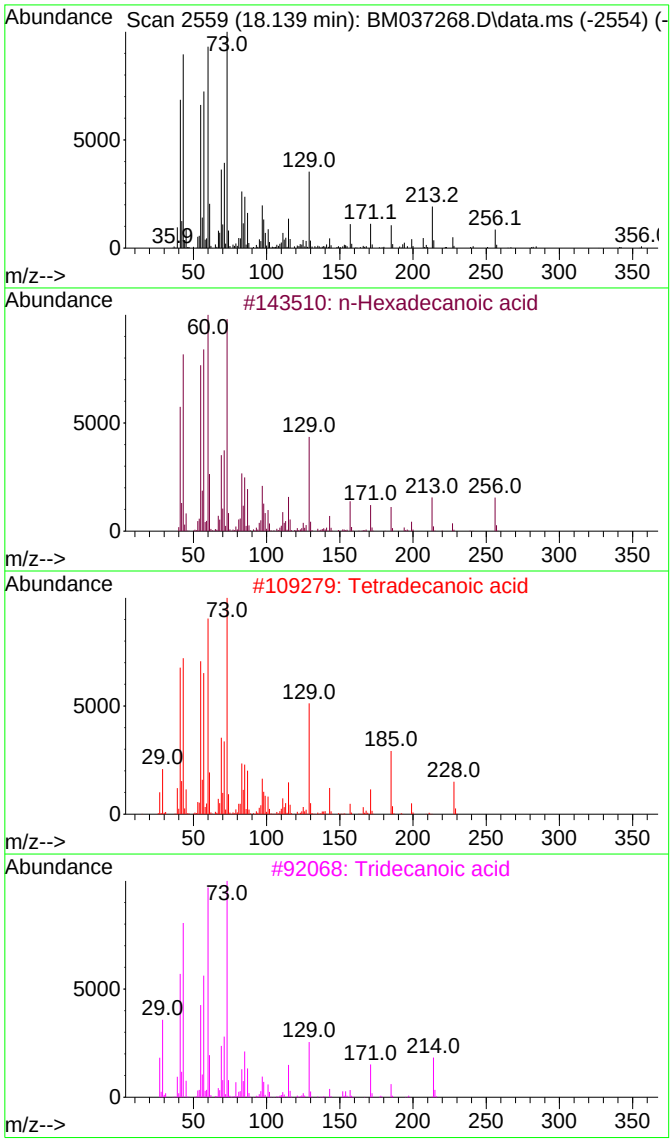
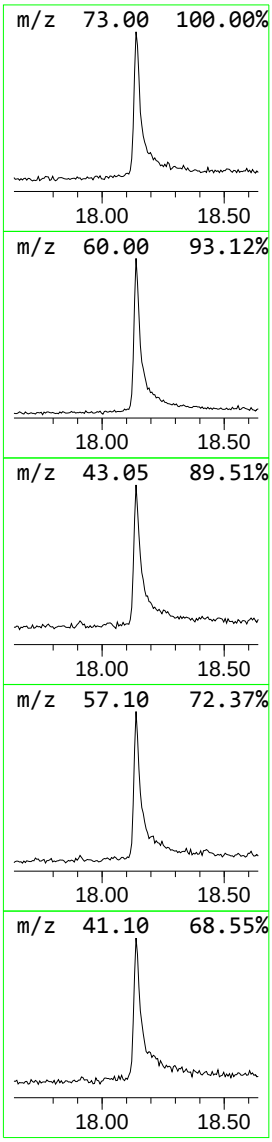
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	3.32 ng	754056	Phenanthrene-d10	17.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Octadecanoic acid	284	C18H36O2	000057-11-4	76





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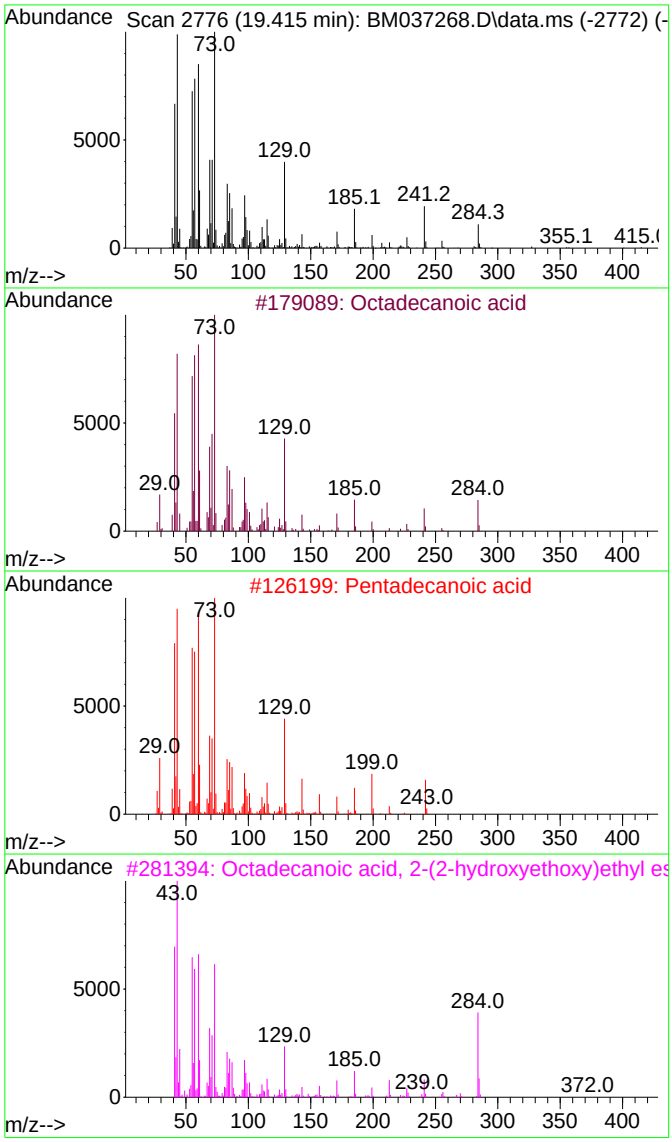
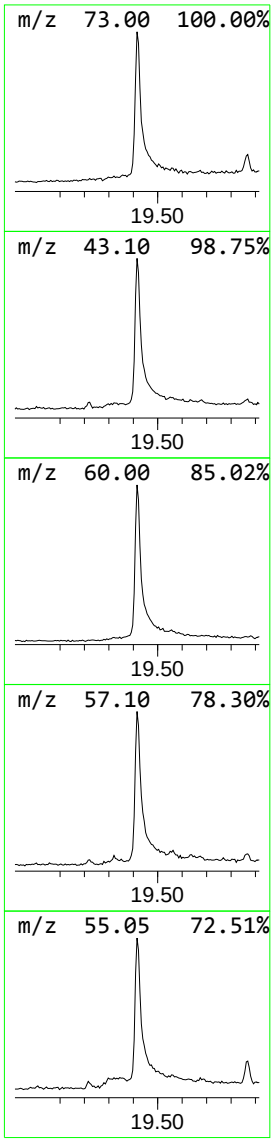
Peak Number 3 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.415	7.79 ng	1739000	Chrysene-d12	21.421

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





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-...	4.981	6.8	ng	892145	1	7.875	2645310	20.0
n-Hexadecanoic ...	18.139	3.3	ng	754056	4	17.245	4540900	20.0
Octadecanoic acid	19.415	7.8	ng	1739000	5	21.421	4466530	20.0