LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062824\
Data File : BM046355.D
Acq On : 28 Jun 2024 16:43
Operator : MA/JU
Sample : P3064-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
HD-02-062524

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-BM062724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM046355.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.604	288	292	301	rBV	19398	33045	2.25%	0.269%
2	5.052	361	368	387	rBV	350927	675138	45.95%	5.499%
3	6.634	631	637	659	rBV	253960	664110	45.20%	5.409%
4	7.375	755	763	779	rBV	613206	1105164	75.22%	9.001%
5	8.557	956	964	987	rBV	142168	417028	28.39%	3.397%
6	10.134	1225	1232	1262	rBV	595788	1381167	94.01%	11.249%
7	12.645	1653	1659	1684	rBV	352575	773677	52.66%	6.301%
8	13.745	1841	1846	1854	rBV	22875	46603	3.17%	0.380%
9	14.022	1886	1893	1906	rBV	899548	1468392	99.95%	11.960%
10	14.292	1931	1939	1949	rVB8	9269	22896	1.56%	0.186%
11	15.533	2144	2150	2168	rBV	232436	468862	31.91%	3.819%
12	16.774	2356	2361	2379	rVV	837345	1469184	100.00%	11.966%
13	16.915	2383	2385	2393	rVB3	15049	29048	1.98%	0.237%
14	17.657	2506	2511	2514	rBV2	15900	28326	1.93%	0.231%
15	17.704	2514	2519	2531	rVV	89874	203234	13.83%	1.655%
16	17.845	2540	2543	2547	rVB5	12368	17575	1.20%	0.143%
17	18.586	2665	2669	2672	rBV3	14738	21047	1.43%	0.171%
18	18.845	2709	2713	2720	rBV	72075	126910	8.64%	1.034%
19	18.998	2734	2739	2747	rBV4	59578	131171	8.93%	1.068%
20	19.209	2771	2775	2785	rVB	82942	127173	8.66%	1.036%
21	19.427	2807	2812	2827	rBV	458760	672082	45.75%	5.474%
22	20.992	3073	3078	3084	rBV	767487	1149376	78.23%	9.361%
23	23.662	3526	3532	3543	rVB	547148	1246828	84.87%	10.155%

Sum of corrected areas: 12278036

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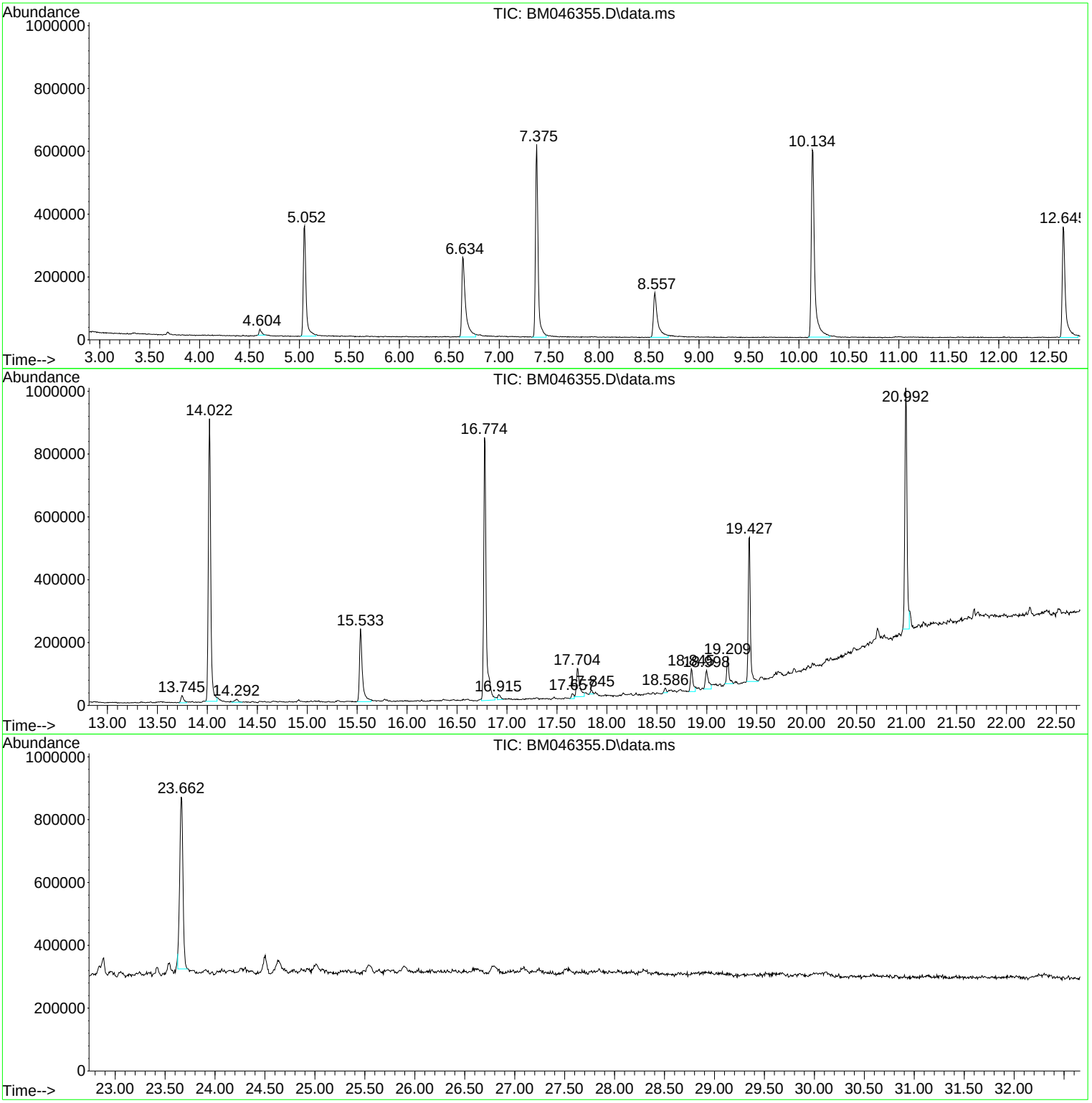
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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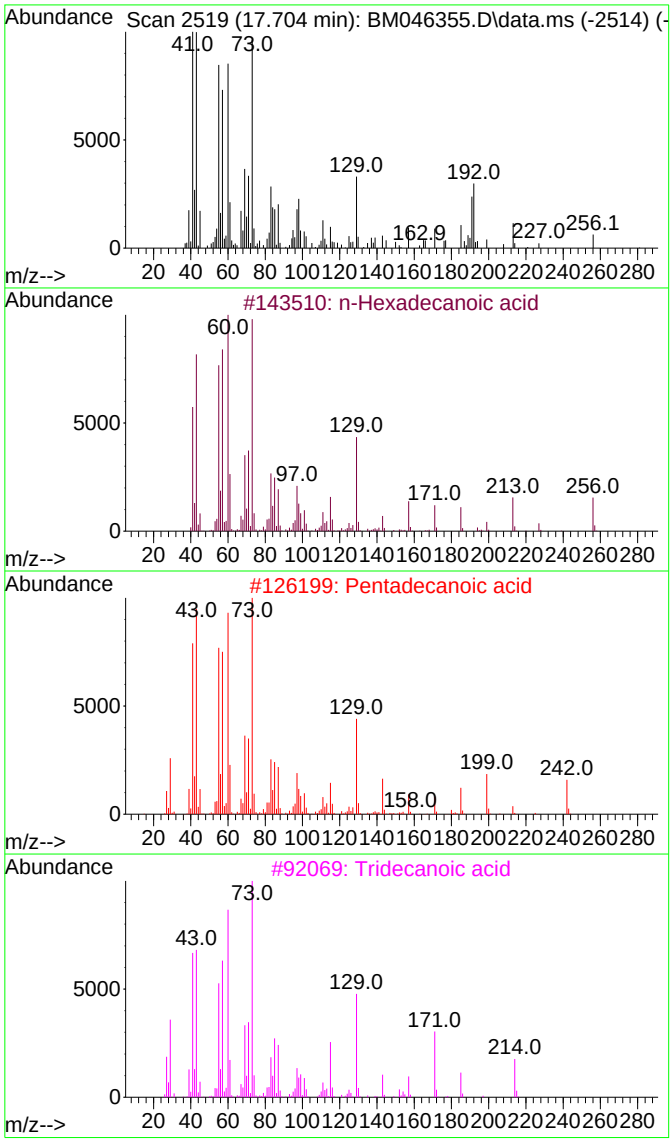
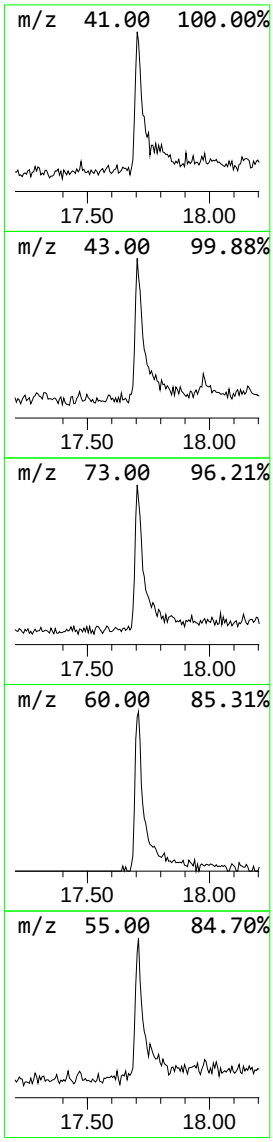
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	2.77 ng	203234	Phenanthrene-d10	16.774

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	70
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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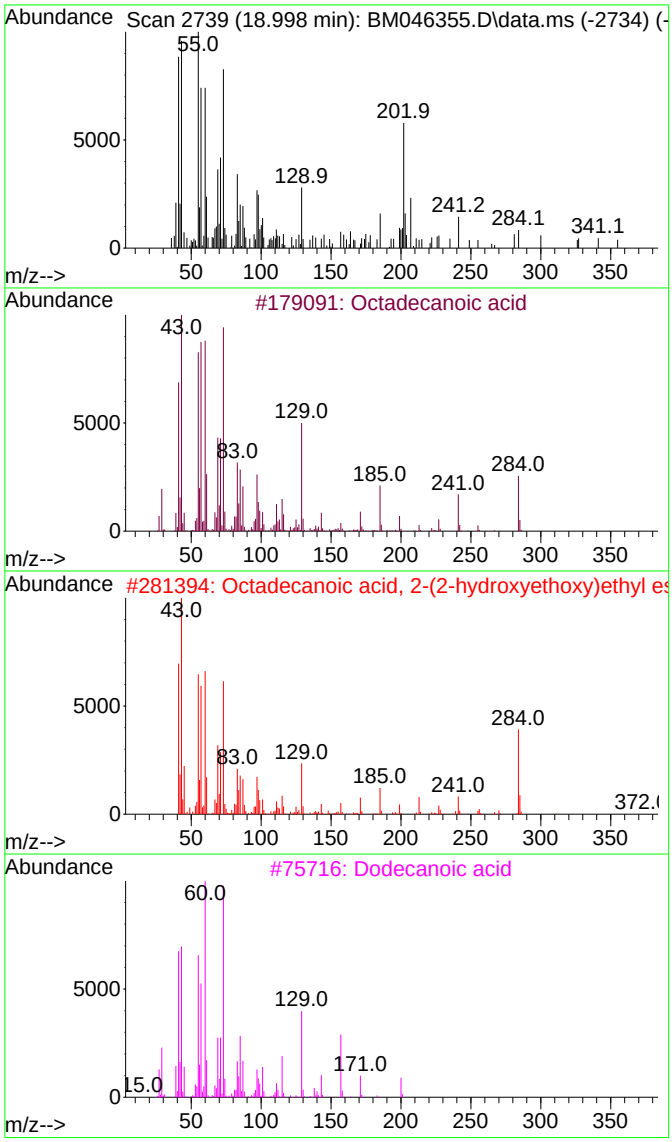
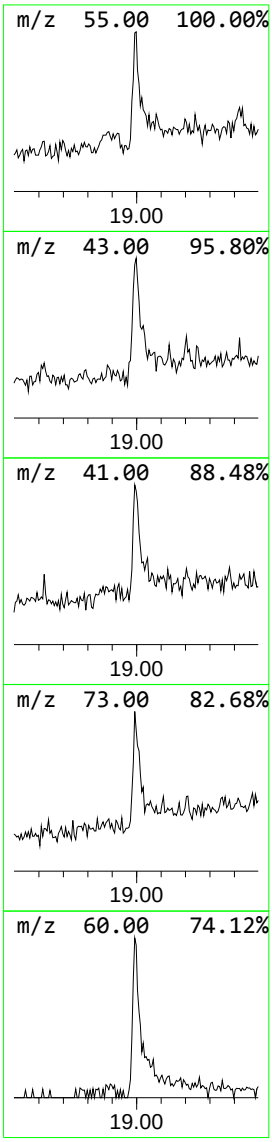
Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	2.28 ng	131171	Chrysene-d12	20.992

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	68
3	Dodecanoic acid	200	C12H24O2	000143-07-7	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Octadecanoic acid, propyl ester	326	C21H42O2	003634-92-2	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.704	2.8	ng	203234	4	16.774	1469180	20.0
Octadecanoic acid	18.998	2.3	ng	131171	5	20.992	1149380	20.0