LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112522\
Data File : BG055785.D
Acq On : 25 Nov 2022 17:58
Operator : CG/JU
Sample : N5741-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055785.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.289	334	340	352	rVB	67505	108920	3.47%	0.841%
2	5.765	414	421	430	rBV	365631	595543	18.96%	4.600%
3	7.380	687	696	712	rBV	220143	394199	12.55%	3.045%
4	8.232	834	841	848	rBV	158398	267613	8.52%	2.067%
5	9.407	1034	1041	1051	rVB	496436	901535	28.71%	6.964%
6	9.872	1113	1120	1125	rBV	23853	39231	1.25%	0.303%
7	11.064	1308	1323	1336	rBV	207379	424624	13.52%	3.280%
8	13.485	1727	1735	1742	rBV	1288674	2045131	65.12%	15.798%
9	14.860	1962	1969	1978	rVB	351880	559671	17.82%	4.323%
10	16.199	2191	2197	2205	rVB	29414	44975	1.43%	0.347%
11	16.341	2214	2221	2234	rBV	1123882	1751053	55.76%	13.526%
12	17.598	2427	2435	2443	rBV	462435	708202	22.55%	5.470%
13	18.456	2576	2581	2589	rBV	103102	162206	5.17%	1.253%
14	19.719	2791	2796	2807	rBV2	78401	133259	4.24%	1.029%
15	20.189	2870	2876	2885	rVB	2396905	3140449	100.00%	24.258%
16	21.893	3160	3166	3175	rVB	481553	805737	25.66%	6.224%
17	25.295	3735	3745	3757	rVB2	284390	863513	27.50%	6.670%

Sum of corrected areas: 12945861

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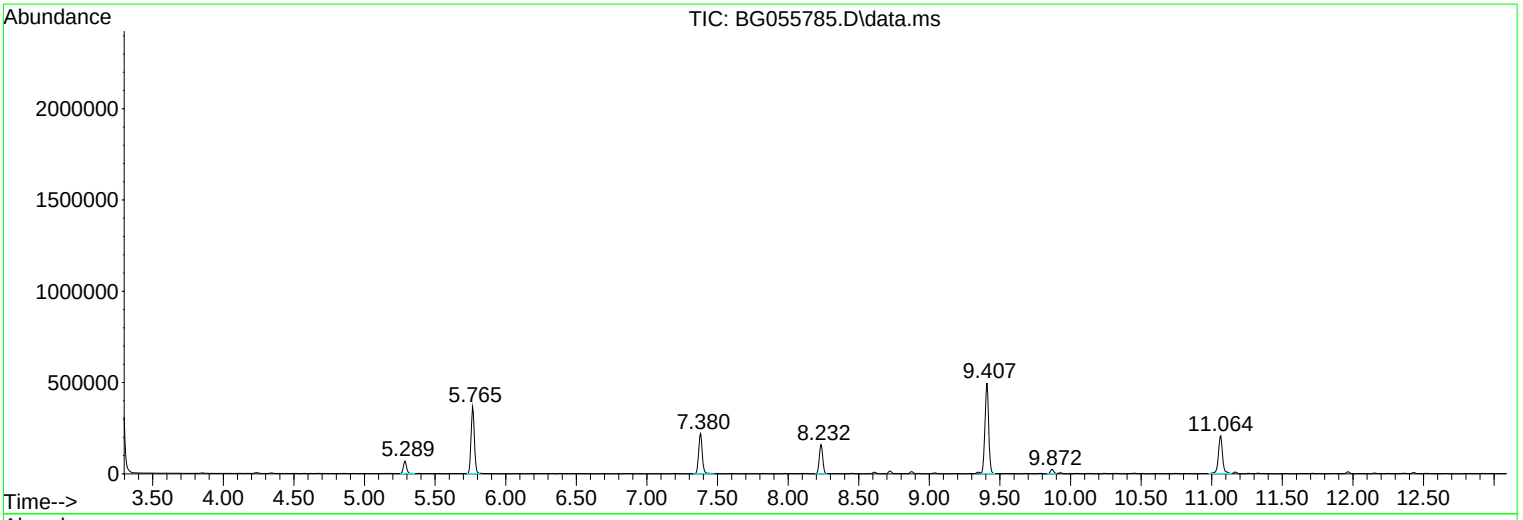
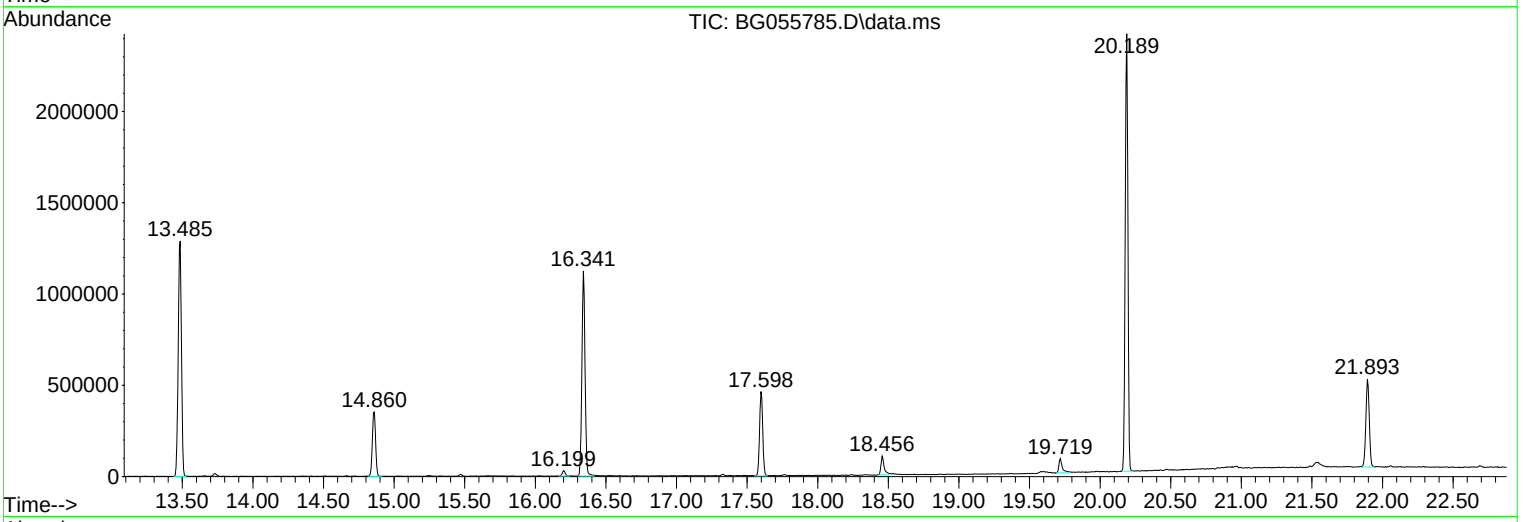
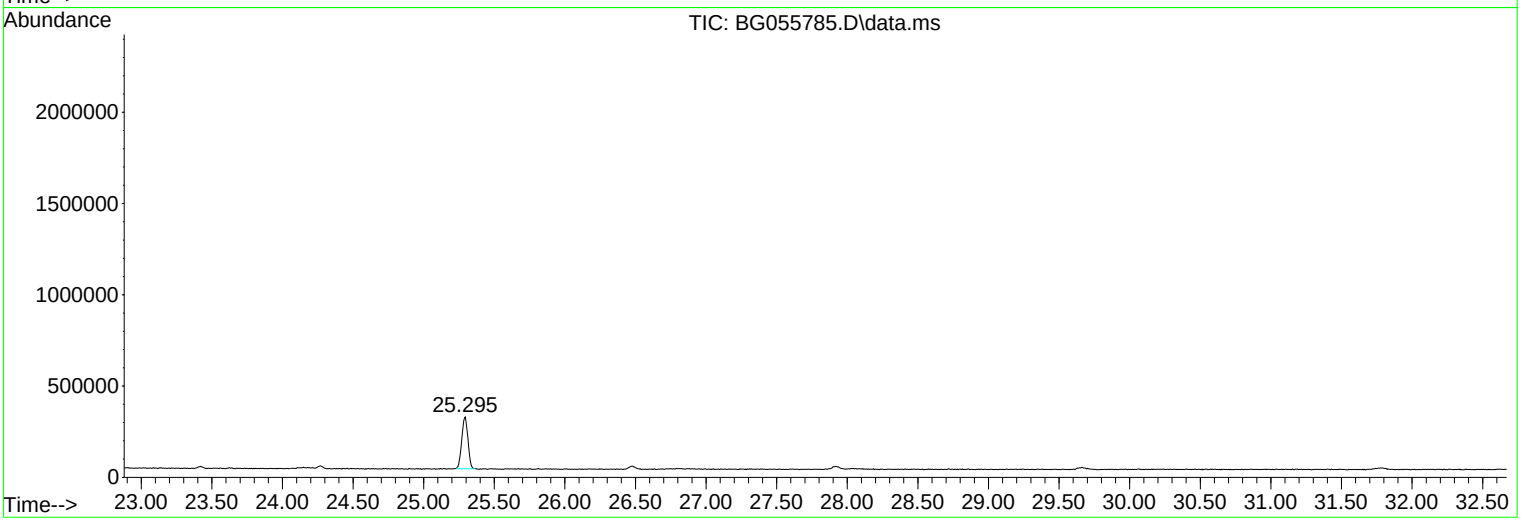
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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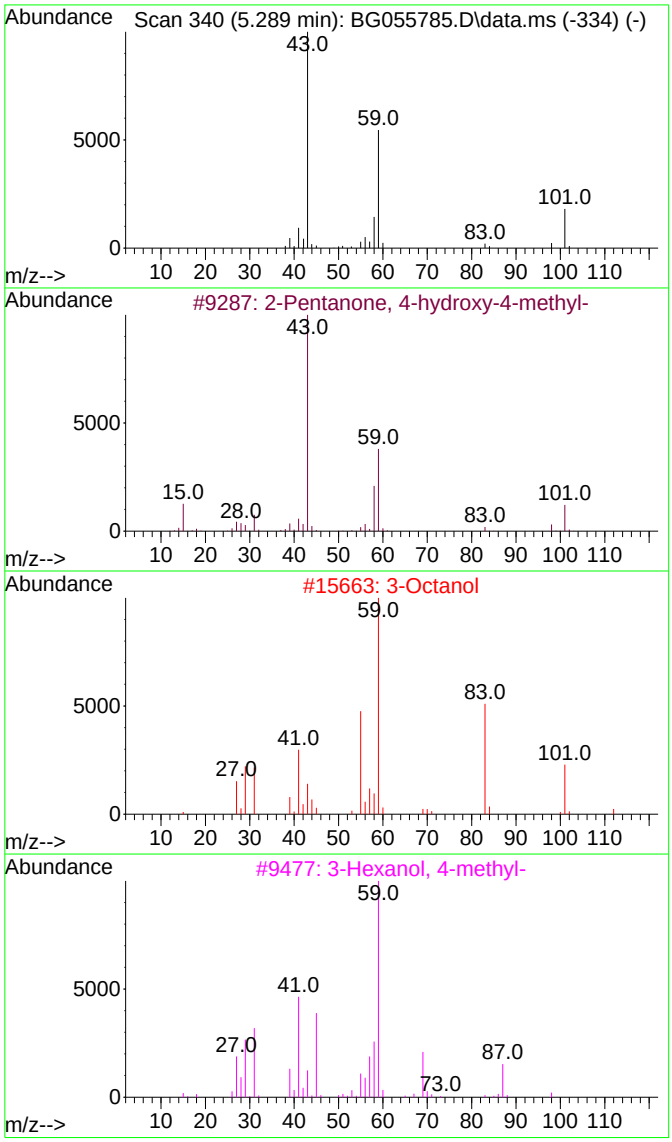
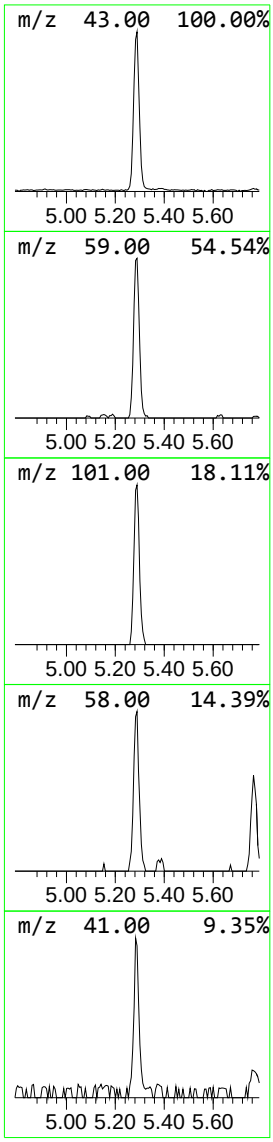
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.289	8.14 ng	108920	1,4-Dichlorobenzene-d4	8.232

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Octanol	130	C8H18O	000589-98-0	36
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25





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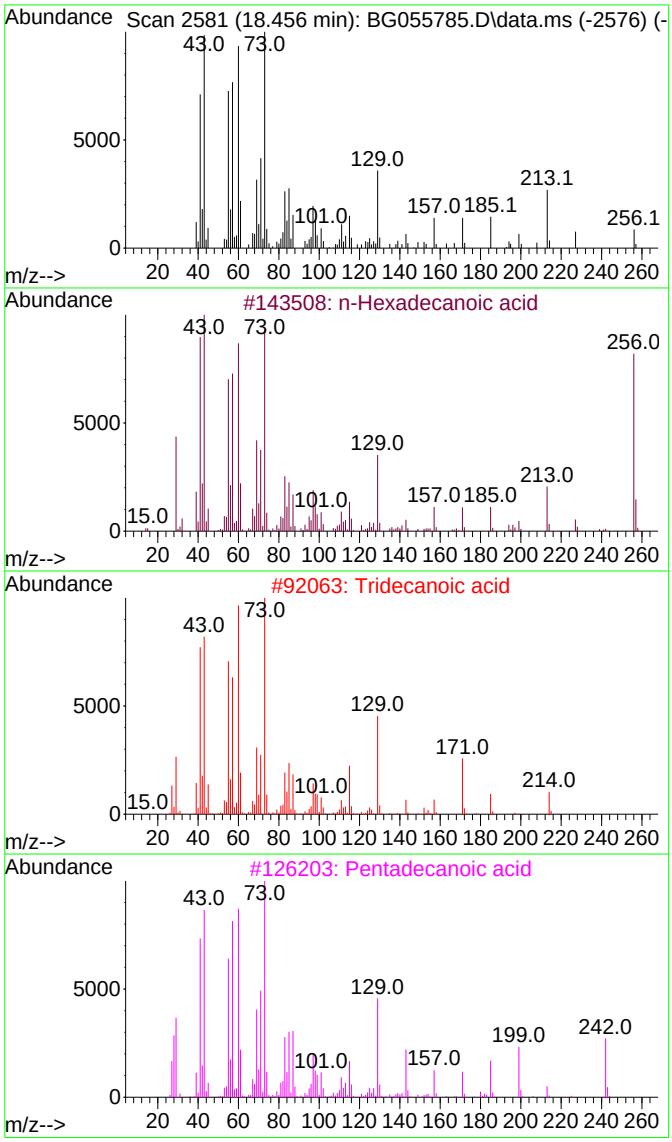
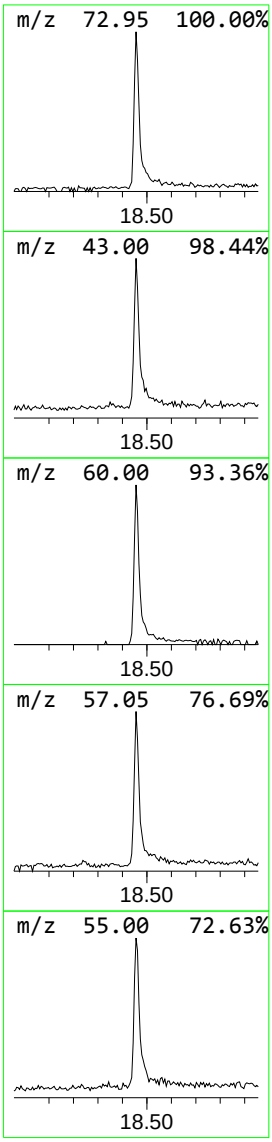
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.456	4.58 ng	162206	Phenanthrene-d10	17.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	46





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Instrument :
BNA_G
ClientSampleId :
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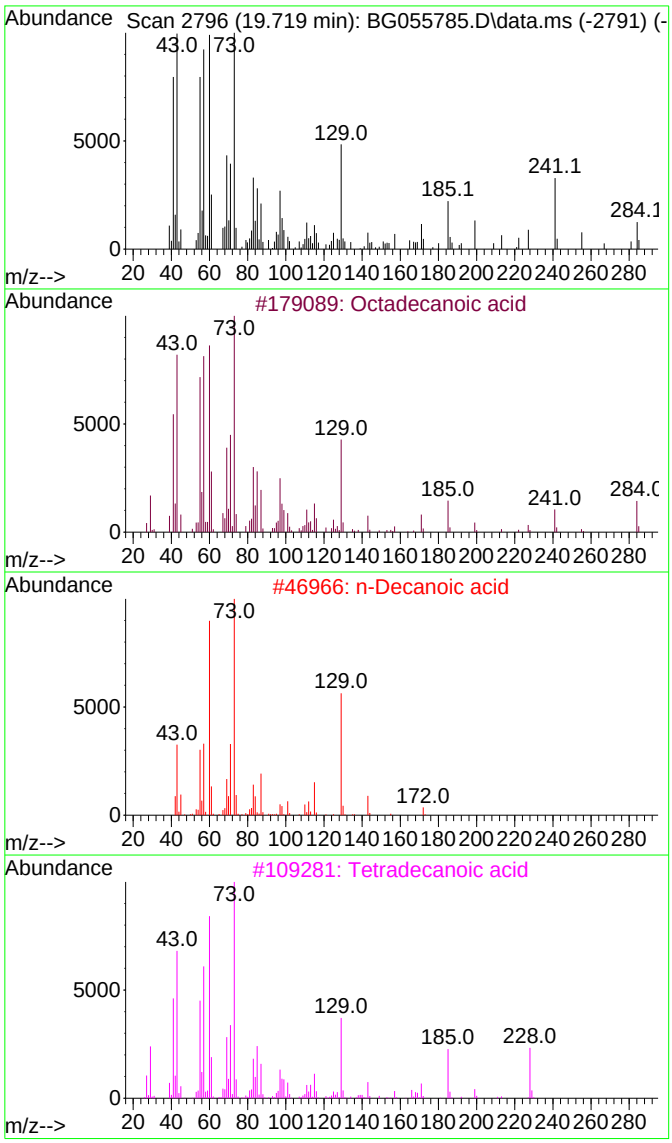
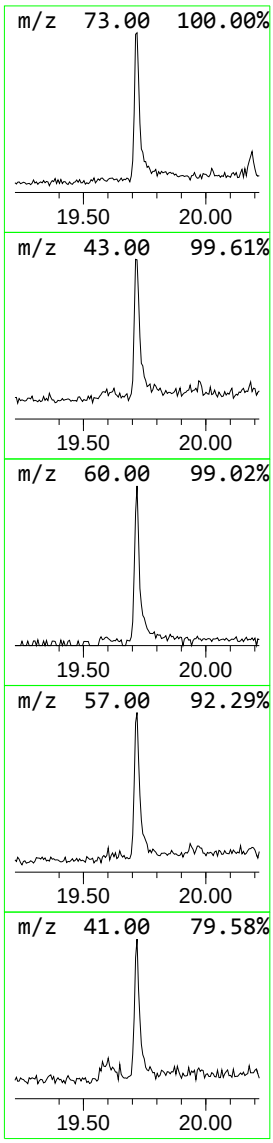
Peak Number 3 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.719	3.76 ng	133259	Phenanthrene-d10	17.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80





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-...	5.289	8.1	ng	108920	1	8.232	267613	20.0
n-Hexadecanoic ...	18.456	4.6	ng	162206	4	17.598	708202	20.0
Octadecanoic acid	19.719	3.8	ng	133259	4	17.598	708202	20.0