LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041222.D
Acq On : 01 Aug 2023 13:26
Operator : MA/JU
Sample : 03812-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041222.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	363	371	384	rBV	717667	1072664	45.42%	4.042%
2	6.457	549	556	564	rVB	49814	75157	3.18%	0.283%
3	6.763	602	608	615	rBV	29880	45324	1.92%	0.171%
4	6.981	637	645	656	rBV	695447	1117632	47.32%	4.211%
5	7.216	680	685	690	rBV	31047	45005	1.91%	0.170%
6	7.798	778	784	791	rBV	622796	944364	39.98%	3.558%
7	8.975	976	984	995	rBV	468267	795301	33.67%	2.996%
8	10.604	1254	1261	1268	rBV	757481	1240095	52.50%	4.672%
9	12.427	1565	1571	1578	rBV	30580	75491	3.20%	0.284%
10	13.080	1675	1682	1693	rBV	1196215	1687583	71.45%	6.358%
11	13.945	1822	1829	1833	rBV5	19515	42909	1.82%	0.162%
12	14.186	1863	1870	1876	rBV	113920	195384	8.27%	0.736%
13	14.463	1911	1917	1925	rBV	1115892	1611934	68.25%	6.073%
14	15.468	2085	2088	2091	rBV3	49430	63780	2.70%	0.240%
15	15.963	2167	2172	2180	rBV	999096	1446153	61.23%	5.449%
16	17.227	2382	2387	2390	rBV	1277637	1791484	75.85%	6.750%
17	18.133	2537	2541	2550	rVB3	1384025	2361903	100.00%	8.899%
18	19.298	2735	2739	2749	rVB	947715	1561650	66.12%	5.884%
19	19.862	2832	2835	2841	rVB	1732993	2034421	86.13%	7.665%
20	21.427	3097	3101	3105	rBV2	1633045	2139947	90.60%	8.063%
21	22.056	3204	3208	3215	rVB2	758959	1144562	48.46%	4.312%
22	23.056	3374	3378	3384	rBV2	442741	1133842	48.01%	4.272%
23	23.121	3385	3389	3400	rVB	1094396	2029608	85.93%	7.647%
24	23.797	3499	3504	3511	rVB	1032421	1884987	79.81%	7.102%

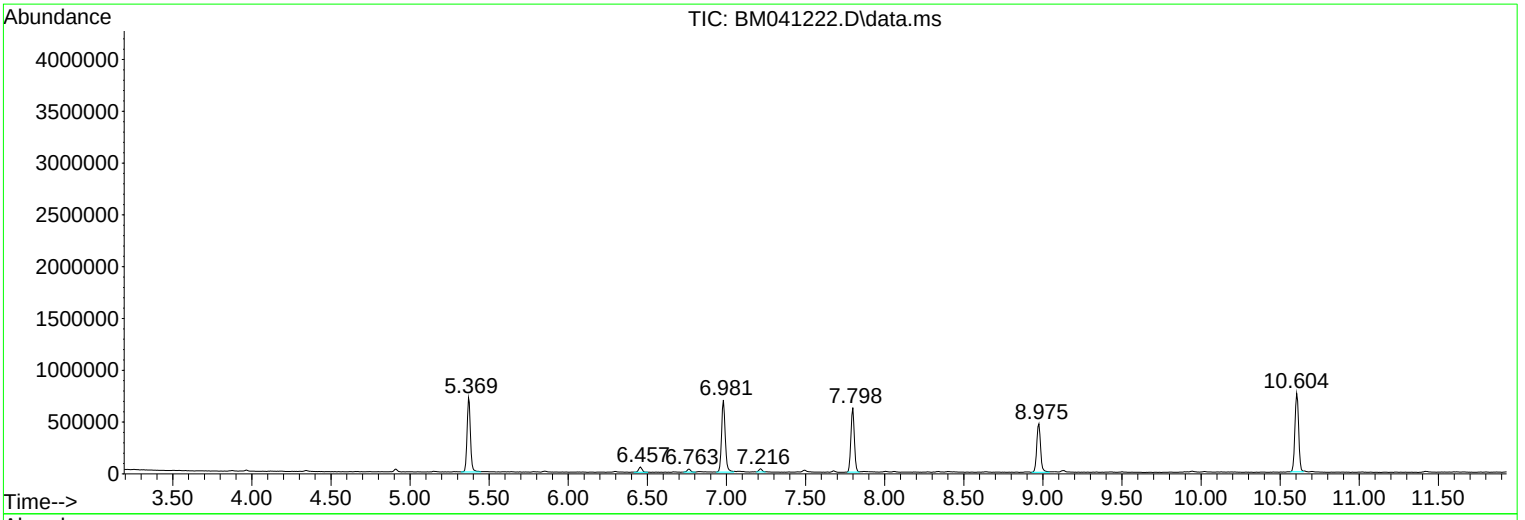
Sum of corrected areas: 26541180

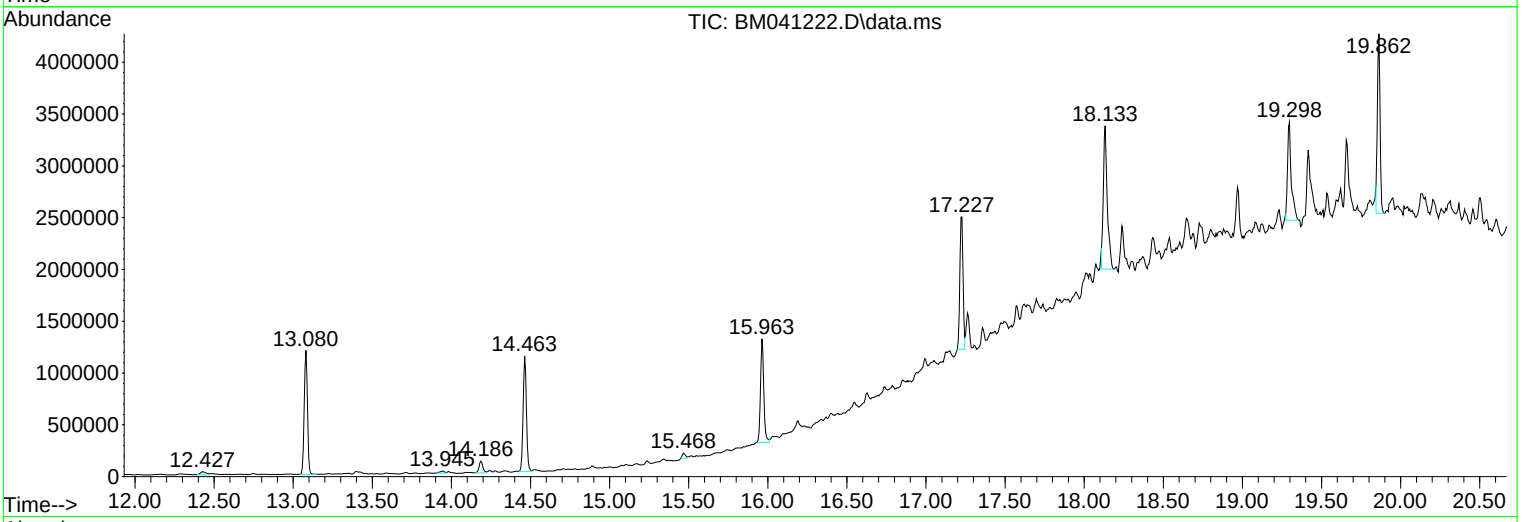
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041222.D
Acq On : 01 Aug 2023 13:26
Operator : MA/JU
Sample : 03812-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

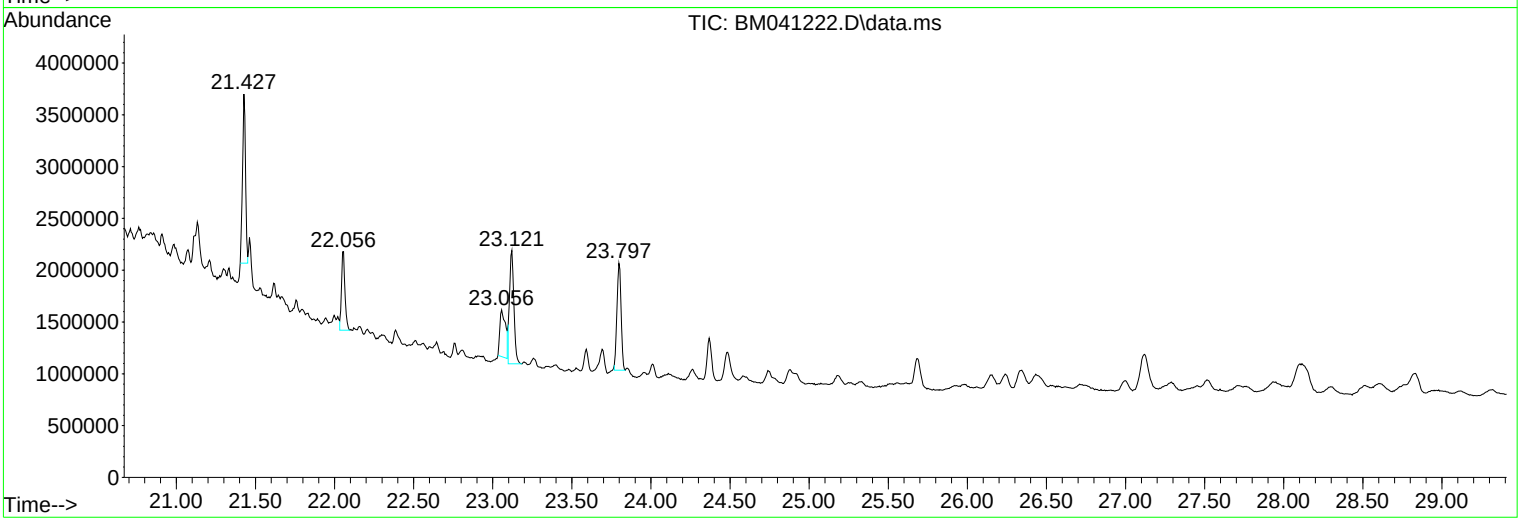
Instrument :
BNA_M
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041222.D
Acq On : 01 Aug 2023 13:26
Operator : MA/JU
Sample : 03812-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

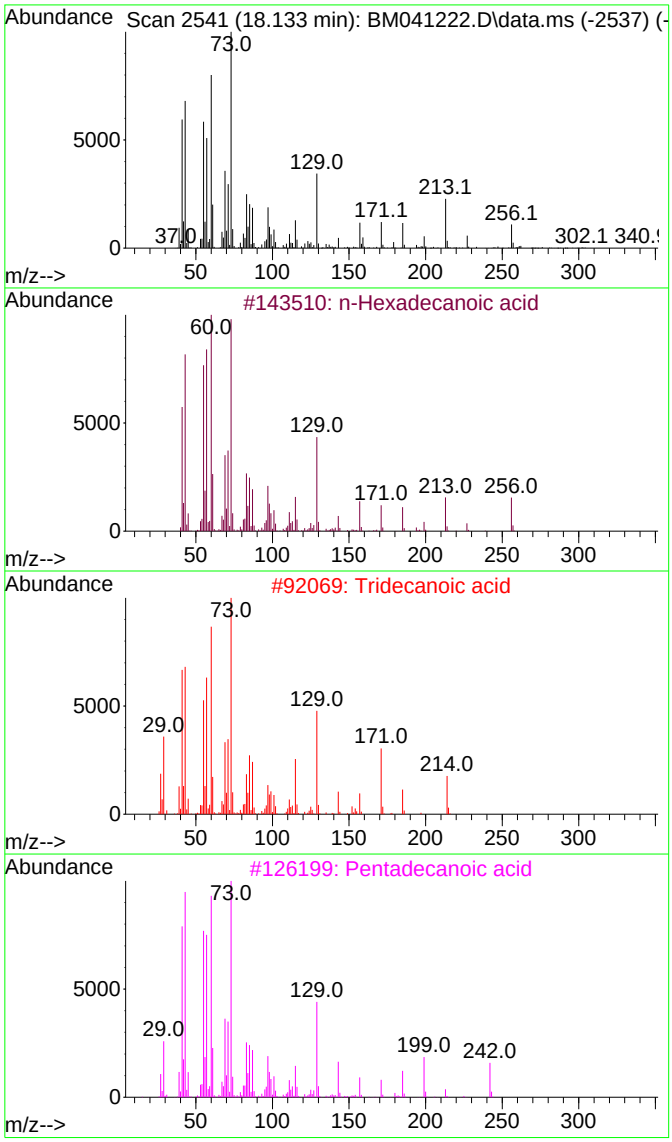
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

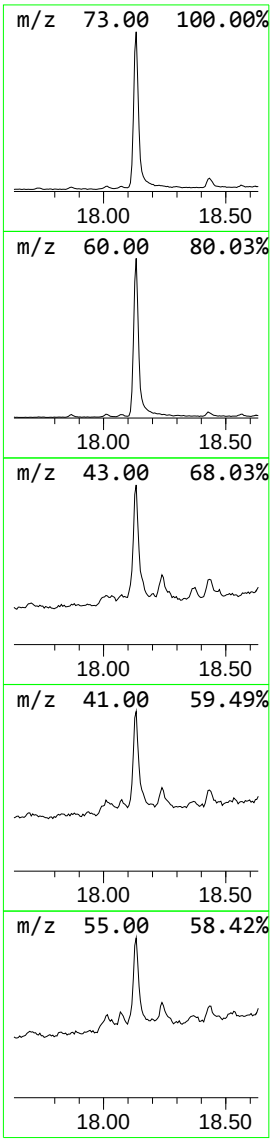
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	26.37 ng	2361900	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041222.D
Acq On : 01 Aug 2023 13:26
Operator : MA/JU
Sample : 03812-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

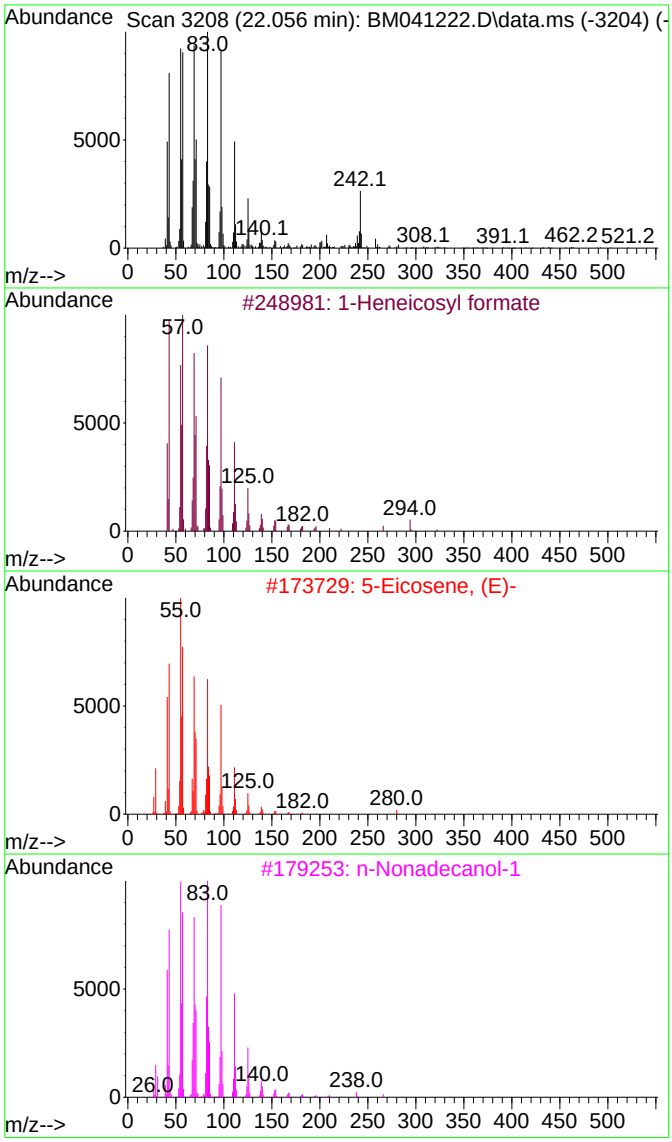
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

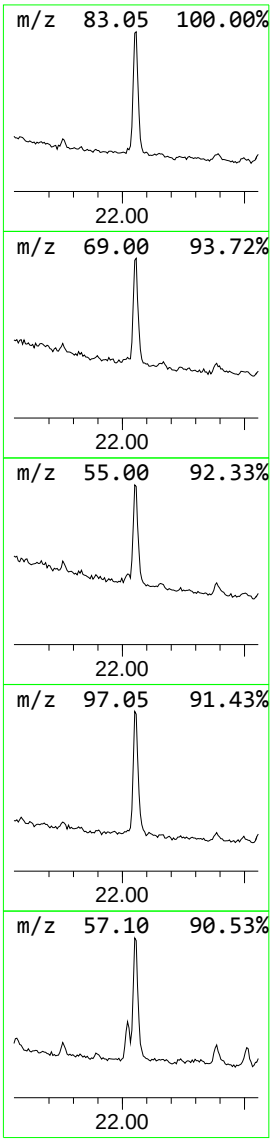
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.056	10.70 ng	1144560	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	99
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	1-Tetracosene	336	C24H48	010192-32-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080123\
Data File : BM041222.D
Acq On : 01 Aug 2023 13:26
Operator : MA/JU
Sample : 03812-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	18.133	26.4	ng	2361900	4	17.221	1791480	20.0
1-Heneicosyl fo...	22.056	10.7	ng	1144560	5	21.427	2139950	20.0