LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021524\
Data File : BP019718.D
Acq On : 15 Feb 2024 12:23
Operator : MA/JU
Sample : P1414-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

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_P\Methods\8270E-BP013124.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019718.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.481	400	407	418	rBV	1250284	1862798	7.32%	3.513%
2	7.081	671	679	692	rBV	1200382	1925522	7.56%	3.631%
3	7.905	812	819	826	rBV	280021	442359	1.74%	0.834%
4	9.075	1010	1018	1030	rBV	739346	1269239	4.99%	2.394%
5	10.704	1287	1295	1302	rBV	330787	577485	2.27%	1.089%
6	13.169	1707	1714	1725	rBV	1895405	2911792	11.44%	5.492%
7	14.539	1941	1947	1954	rVB	492886	782116	3.07%	1.475%
8	15.963	2178	2189	2191	rBV4	121210	342280	1.34%	0.646%
9	16.034	2195	2201	2232	rVB	1990021	3660651	14.38%	6.904%
10	16.463	2243	2274	2295	rBV	5349520	25456344	100.00%	48.010%
11	17.298	2410	2416	2424	rVB	669664	965789	3.79%	1.821%
12	18.198	2560	2569	2586	rVB	1359845	2241665	8.81%	4.228%
13	19.439	2771	2780	2796	rVB	1818550	2908509	11.43%	5.485%
14	19.863	2847	2852	2858	rBV	4068808	4867741	19.12%	9.180%
15	21.110	3060	3064	3069	rBV	281936	337198	1.32%	0.636%
16	21.392	3107	3112	3121	rBV	871754	1223524	4.81%	2.308%
17	23.810	3518	3523	3534	rVB	579756	1248408	4.90%	2.354%

Sum of corrected areas: 53023420

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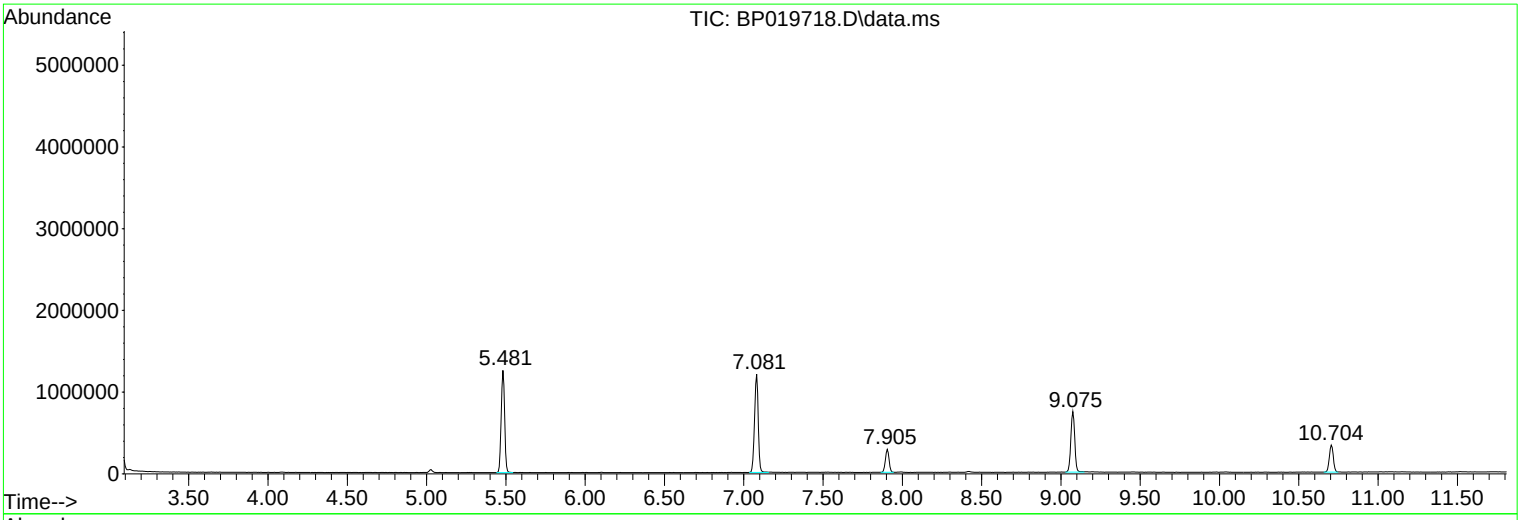
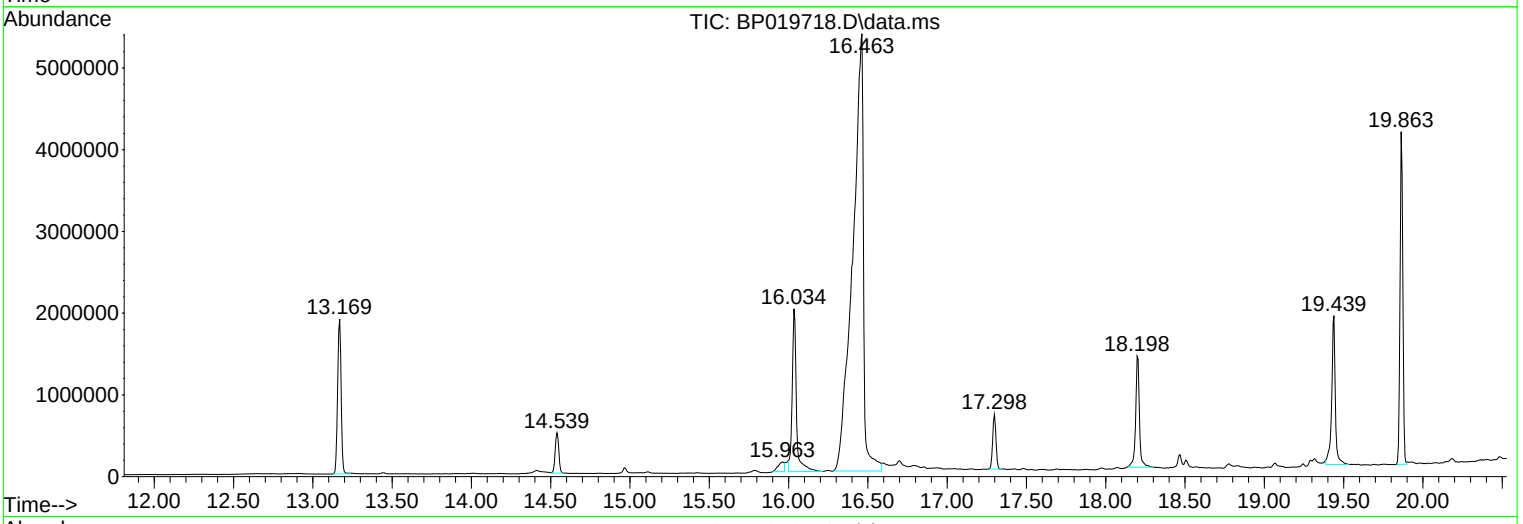
Misc :
ALS Vial : 5 Sample Multiplier: 1

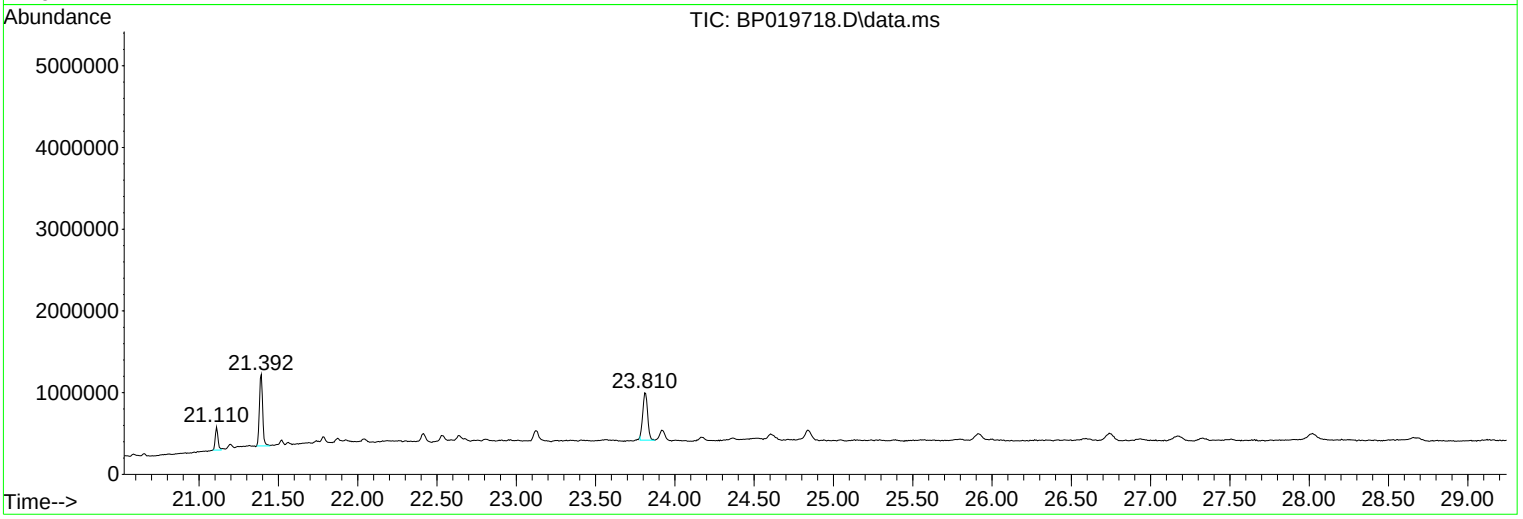
Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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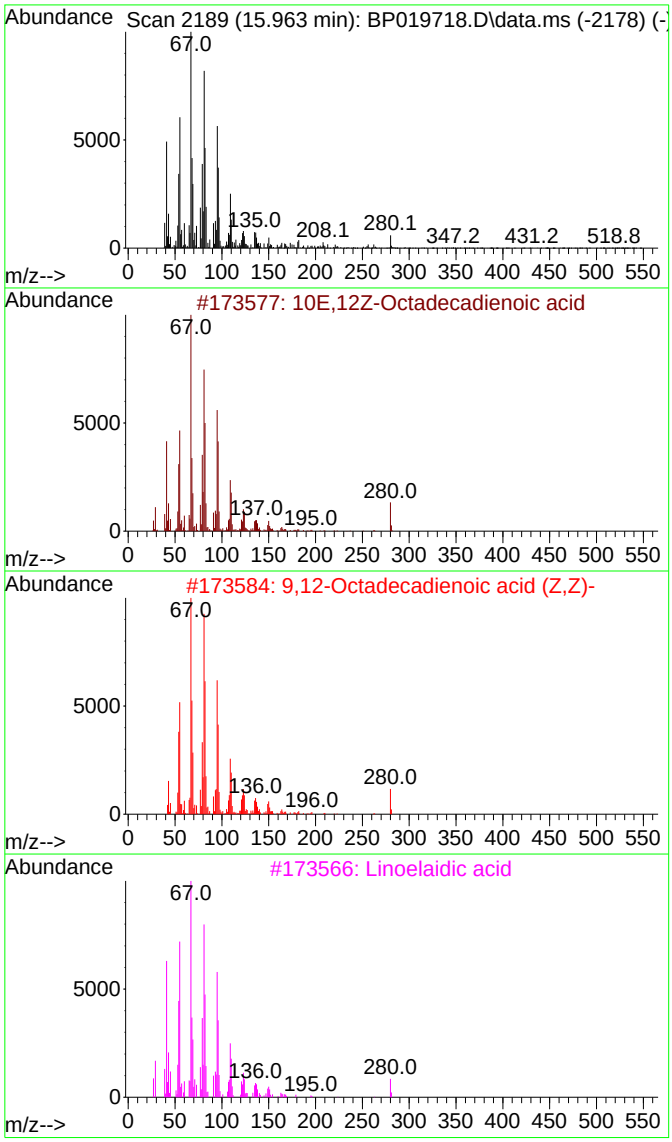
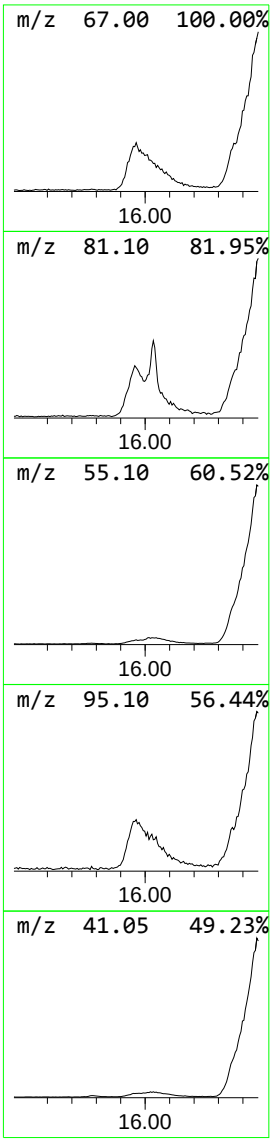
Peak Number 1 10E,12Z-Octadecadienoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	7.09 ng	342280	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	96
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93
3	Linoelaidic acid	280	C18H32O2	000506-21-8	91
4	3-Dodecyne	166	C12H22	006790-27-8	90
5	8-Hexadecyne	222	C16H30	019781-86-3	89





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Misc :
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Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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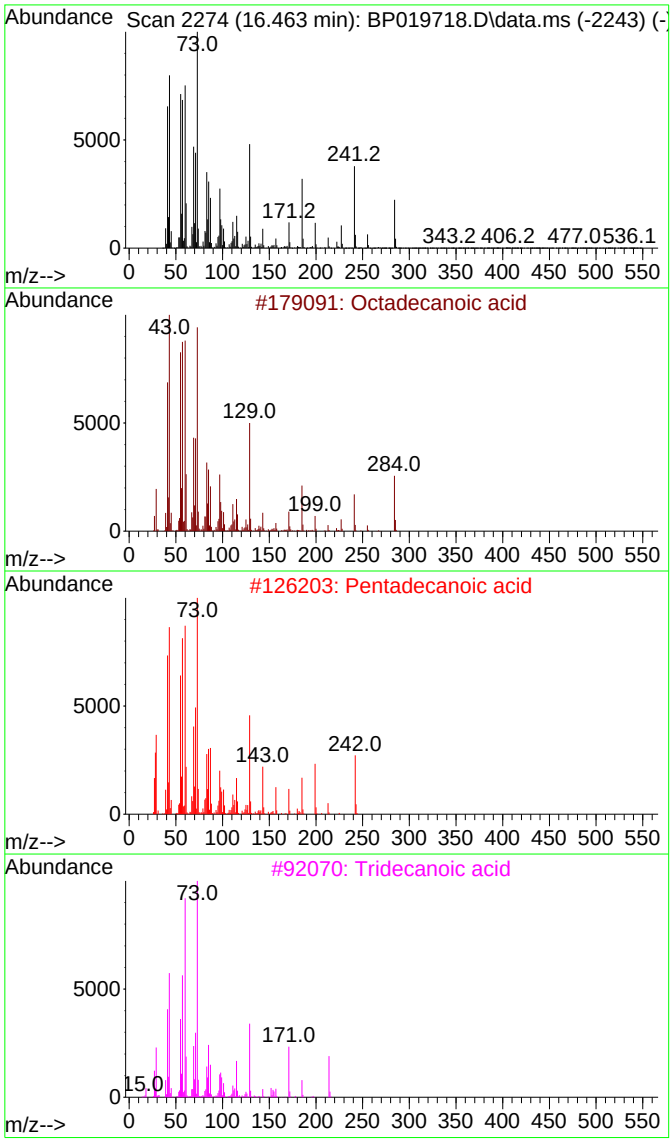
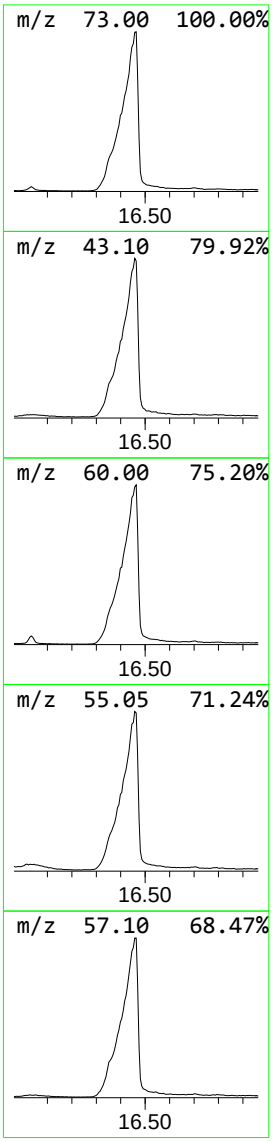
Peak Number 2 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.463	527.16 ng	25456300	Phenanthrene-d10	17.298

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Data File : BP019718.D
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Operator : MA/JU
Sample : P1414-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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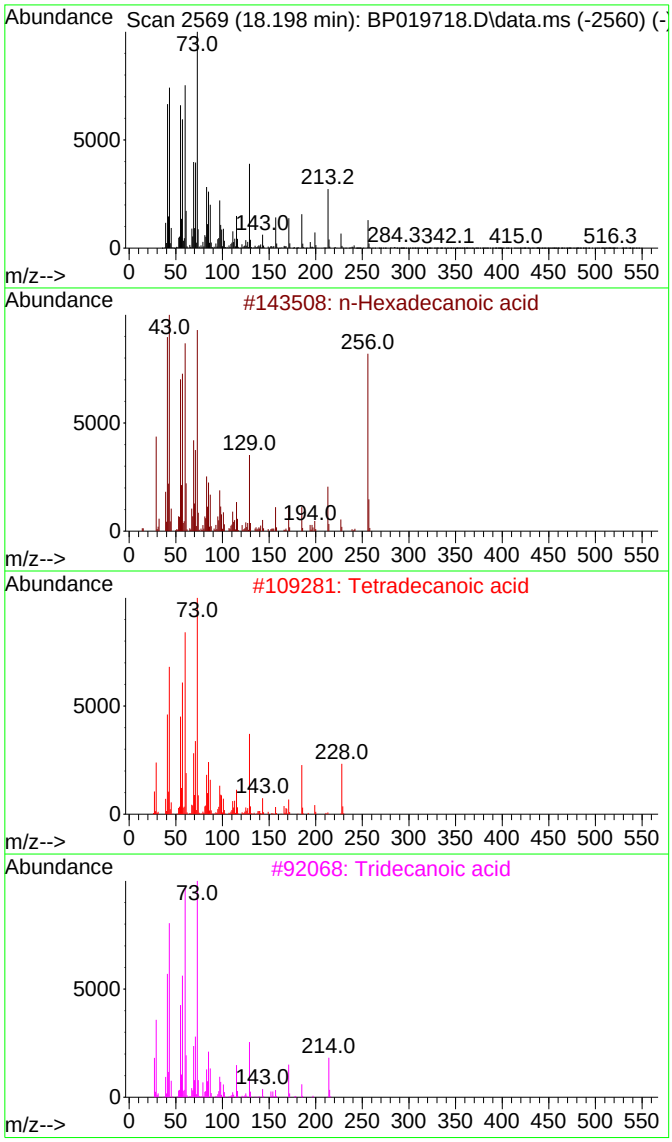
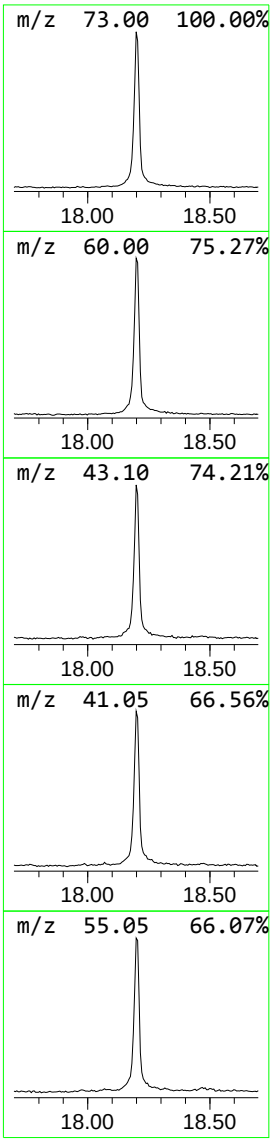
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.198	46.42 ng	2241670	Phenanthrene-d10	17.298

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	76





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Operator : MA/JU
Sample : P1414-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-6(15-16)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
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TIC Library : C:\Database\NIST20.L
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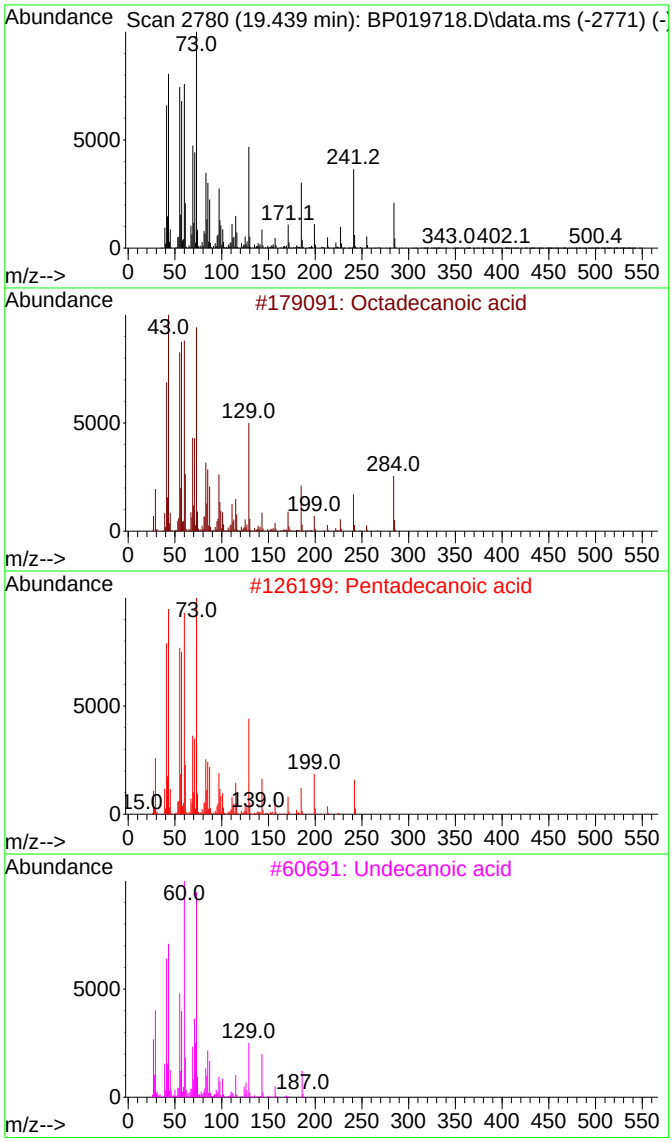
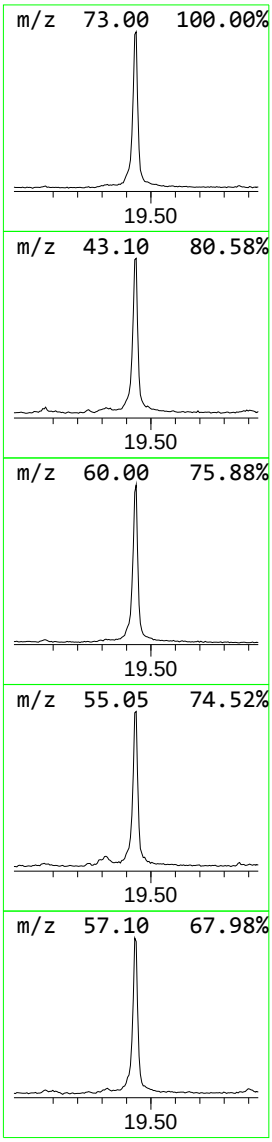
Peak Number 4 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	47.54 ng	2908510	Chrysene-d12	21.392

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	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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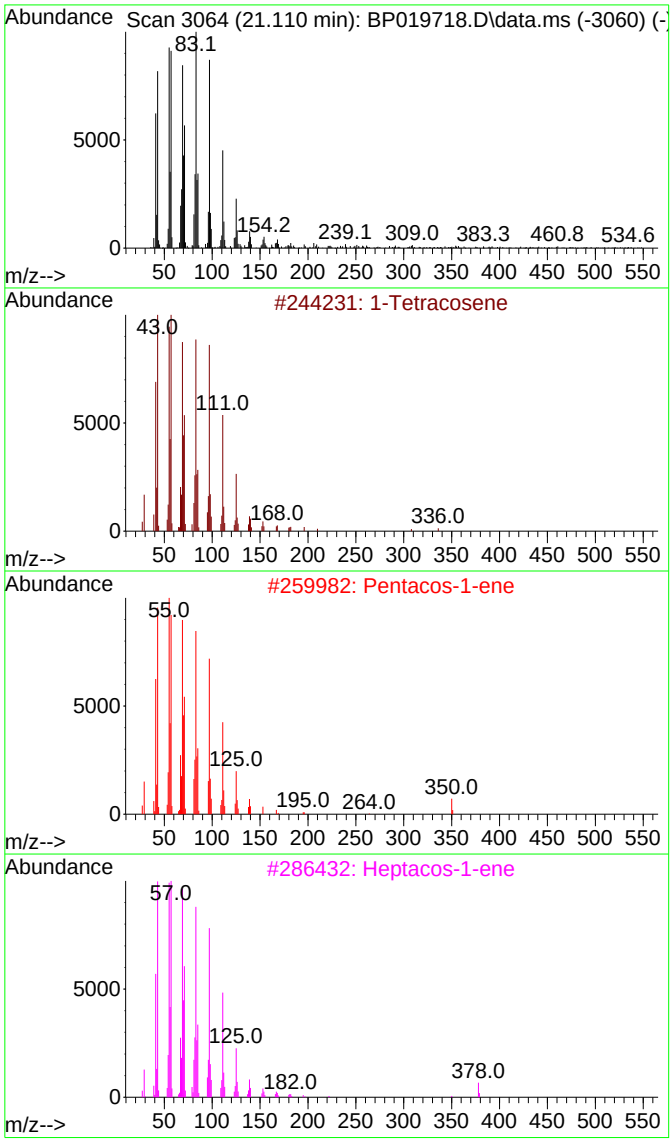
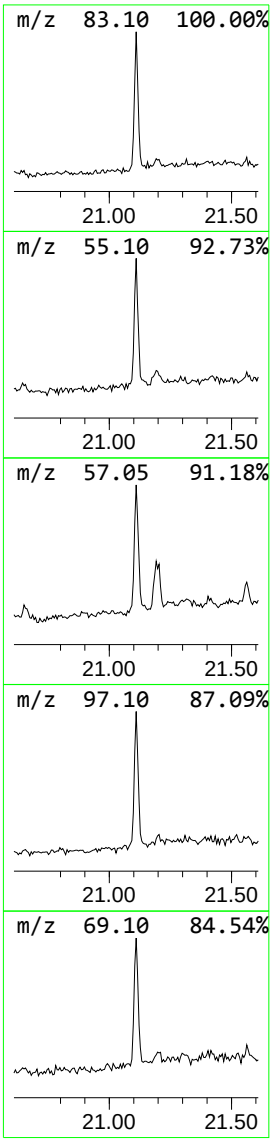
Peak Number 5 1-Tetracosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	5.51 ng	337198	Chrysene-d12	21.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	94
2	Pentacos-1-ene	350	C25H50	016980-85-1	94
3	Heptacos-1-ene	378	C27H54	015306-27-1	94
4	Behenic alcohol	326	C22H46O	000661-19-8	93
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	93





Tentatively Identified Compound (LSC) summary

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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
10E,12Z-Octadec...	15.963	7.1	ng	342280	4	17.298	965789	20.0
Octadecanoic acid	16.463	527.2	ng	25456300	4	17.298	965789	20.0
n-Hexadecanoic ...	18.198	46.4	ng	2241670	4	17.298	965789	20.0
Pentadecanoic acid	19.439	47.5	ng	2908510	5	21.392	1223520	20.0
1-Tetracosene	21.110	5.5	ng	337198	5	21.392	1223520	20.0