LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101823\
Data File : BF135875.D
Acq On : 19 Oct 2023 05:30
Operator : CG\JU
Sample : 04740-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RW4RE

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_F\Methods\8270-BF101323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF135875.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	486	489	500	rBV	40048	62540	3.21%	0.608%
2	5.381	557	560	583	rBV	611291	787971	40.48%	7.660%
3	6.398	730	733	757	rBV	379391	525798	27.01%	5.111%
4	6.739	788	791	799	rVB	401535	364423	18.72%	3.543%
5	7.310	884	888	907	rVB	1398958	1209398	62.13%	11.757%
6	8.016	1005	1008	1022	rBV	501703	448512	23.04%	4.360%
7	9.098	1188	1192	1195	rBV	2452414	1946404	100.00%	18.921%
8	9.775	1304	1307	1316	rVB	537743	429330	22.06%	4.174%
9	10.575	1439	1443	1454	rBV	1150690	1017270	52.26%	9.889%
10	11.274	1558	1562	1569	rBV	463465	401737	20.64%	3.905%
11	11.610	1616	1619	1623	rBV	138741	135676	6.97%	1.319%
12	11.810	1649	1653	1663	rBV	187775	242135	12.44%	2.354%
13	12.521	1768	1774	1784	rBV3	56438	134632	6.92%	1.309%
14	12.598	1784	1787	1796	rVV	75682	89768	4.61%	0.873%
15	12.868	1829	1833	1837	rBV	1725824	1677330	86.18%	16.306%
16	13.468	1933	1935	1939	rBV5	37189	35890	1.84%	0.349%
17	13.821	1990	1995	2006	rBV5	50458	144199	7.41%	1.402%
18	13.939	2012	2015	2021	rBV	384052	373258	19.18%	3.629%
19	15.421	2263	2267	2275	rVB	203915	260463	13.38%	2.532%

Sum of corrected areas: 10286734

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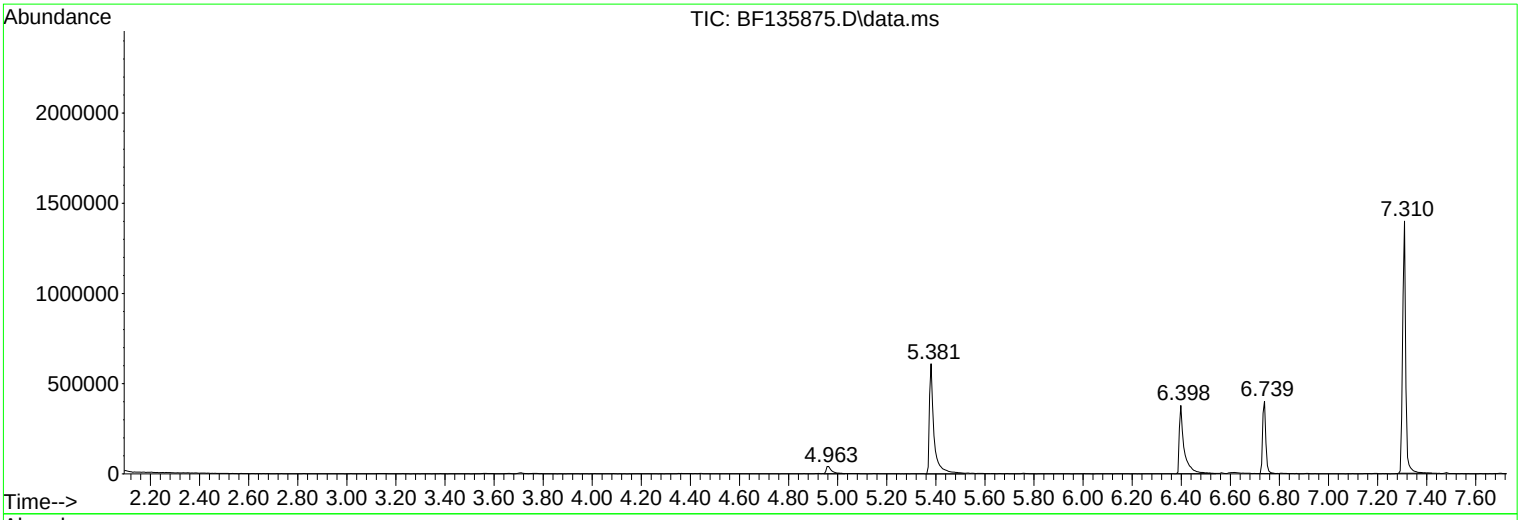
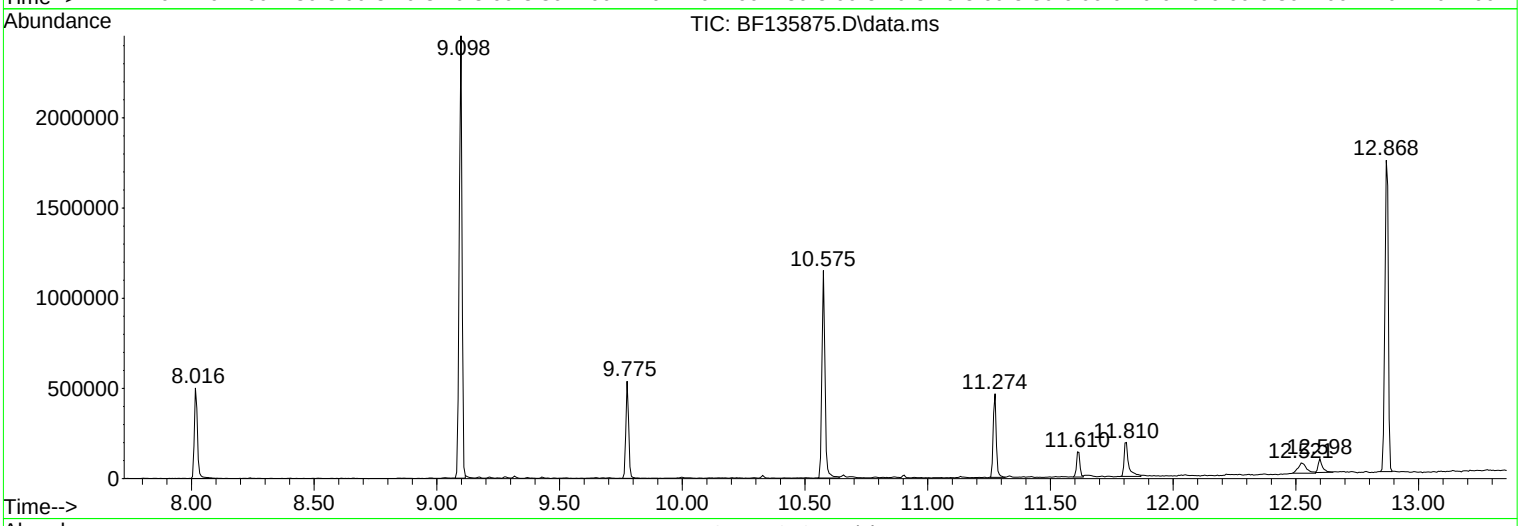
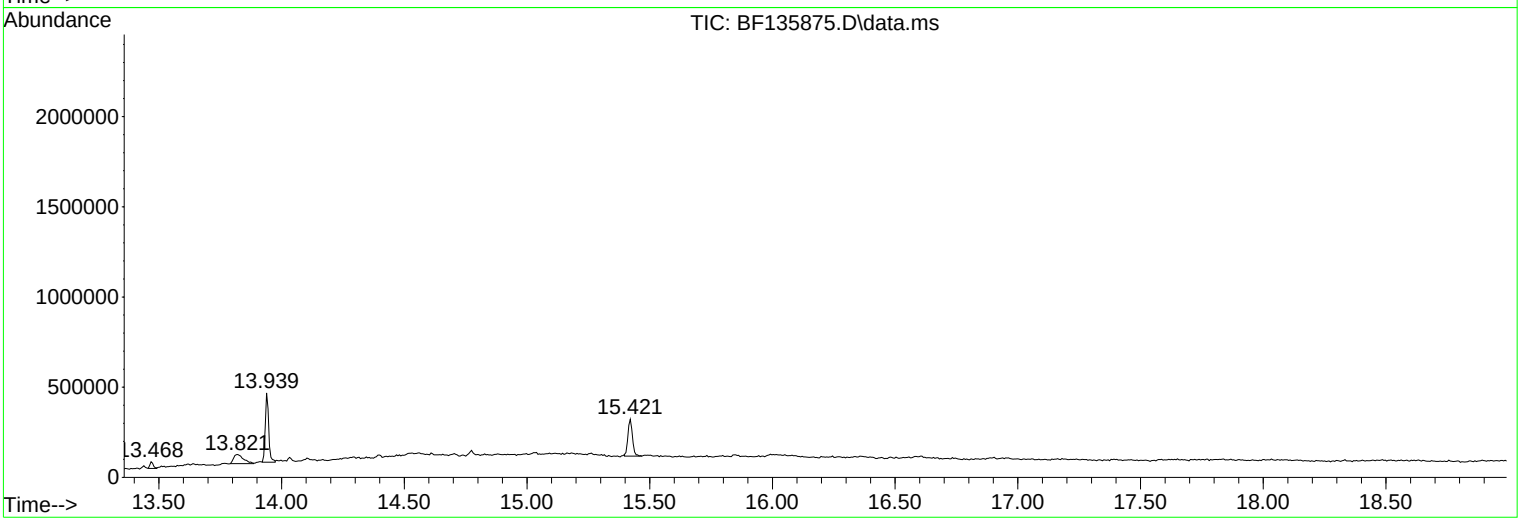
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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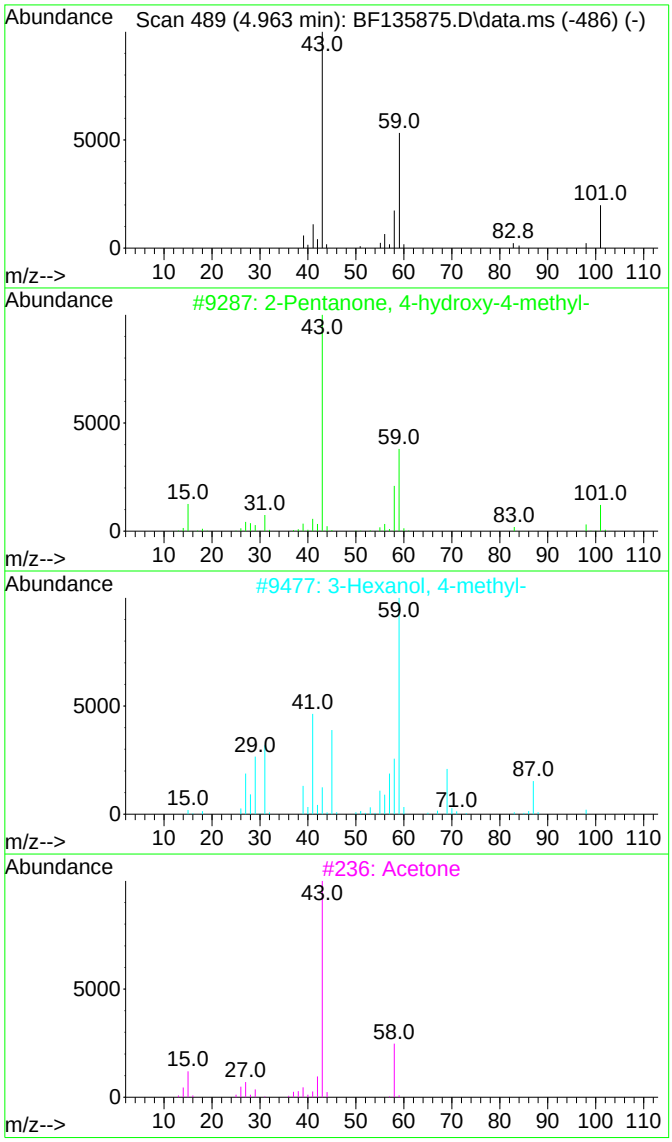
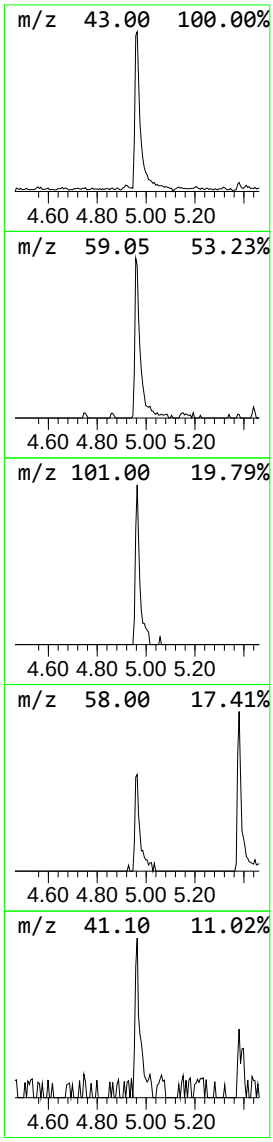
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	3.43 ng	62540	1,4-Dichlorobenzene-d4	6.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	Acetone	58	C3H6O	000067-64-1	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	9





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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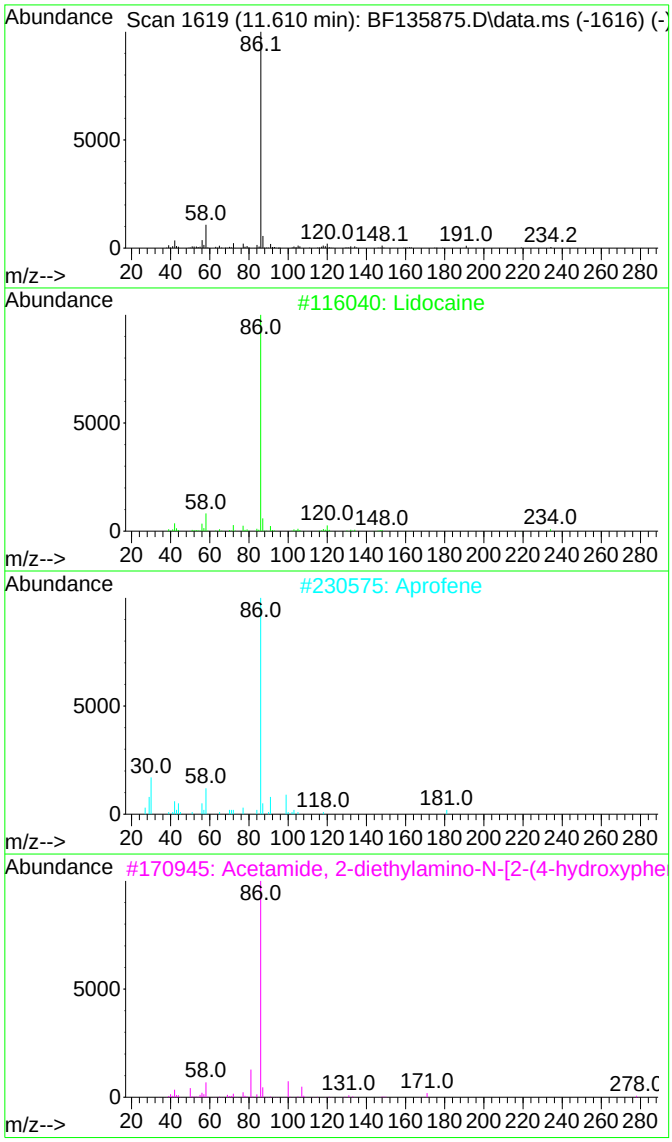
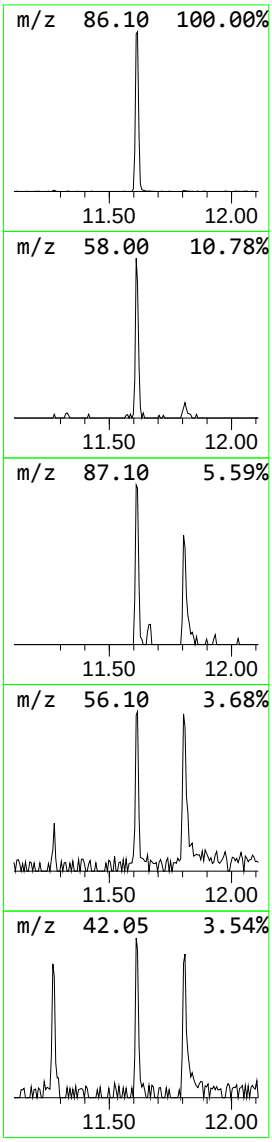
Peak Number 2 Lidocaine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.610	6.75 ng	135676	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Lidocaine	234	C14H22N2O	000137-58-6	90
2	Aprofene	325	C21H27NO2	003563-01-7	72
3	Acetamide, 2-diethylamino-N-[2-(...	278	C16H26N2O2	1000303-32-9	72
4	N,N-Diethyl-N'-phenylethylenedia...	192	C12H20N2	001665-59-4	72
5	Ethanamine, N,N-diethyl-2-(2-met...	175	C9H21NO2	074685-75-9	72





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Instrument :
BNA_F
ClientSampleId :
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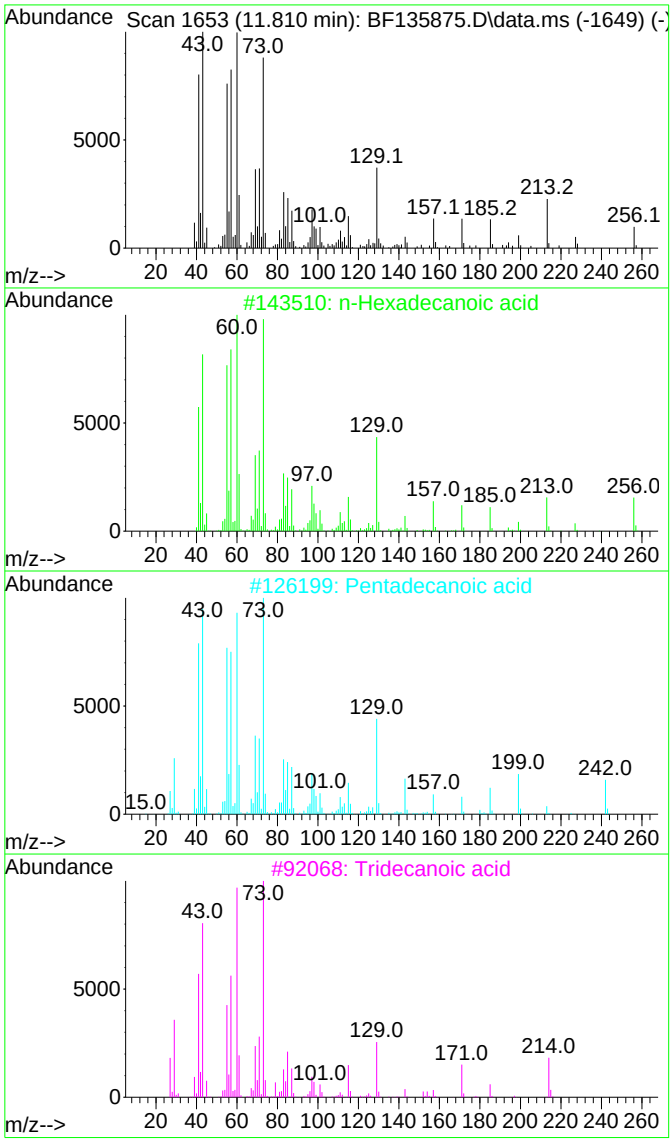
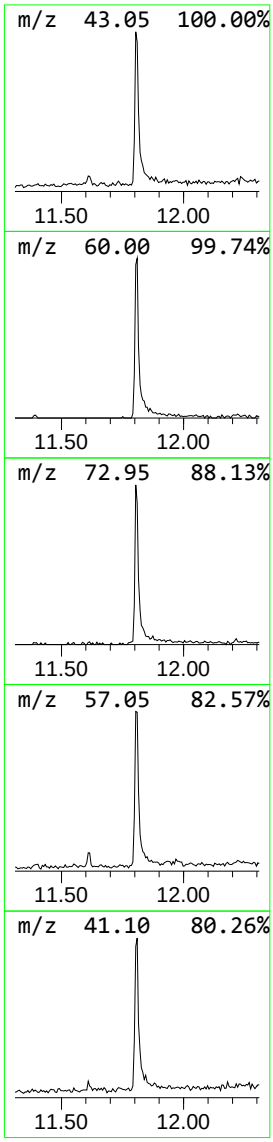
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.810	12.05 ng	242135	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
3	Tridecanoic acid	214	C13H26O2	000638-53-9	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Nonanoic acid	158	C9H18O2	000112-05-0	49





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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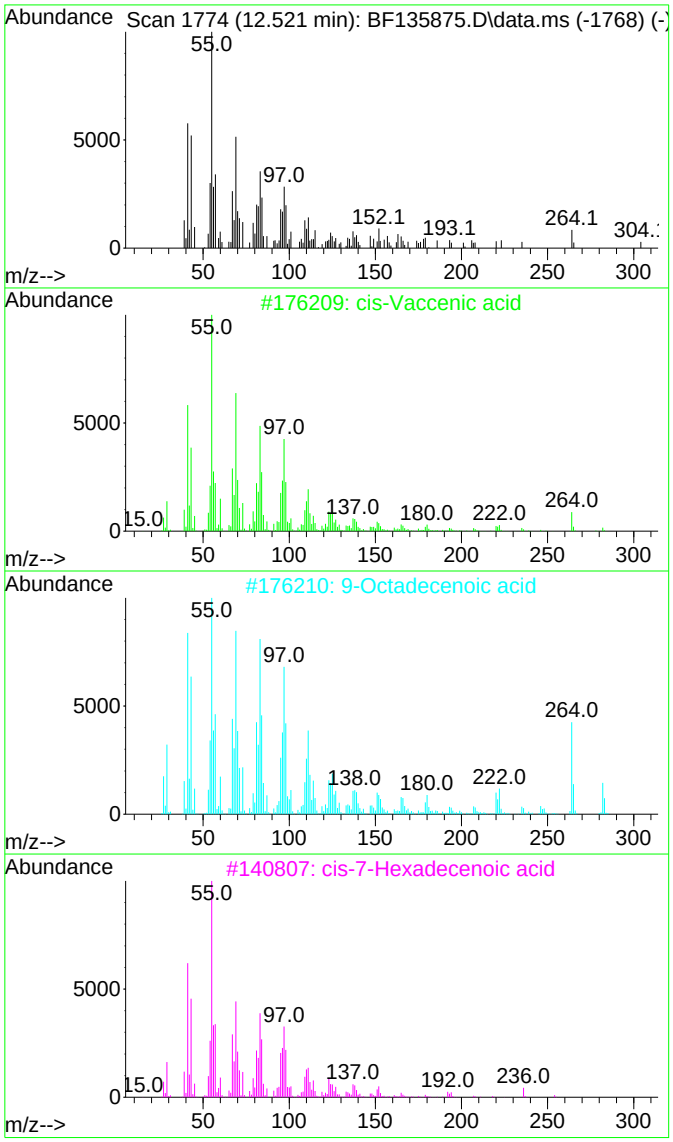
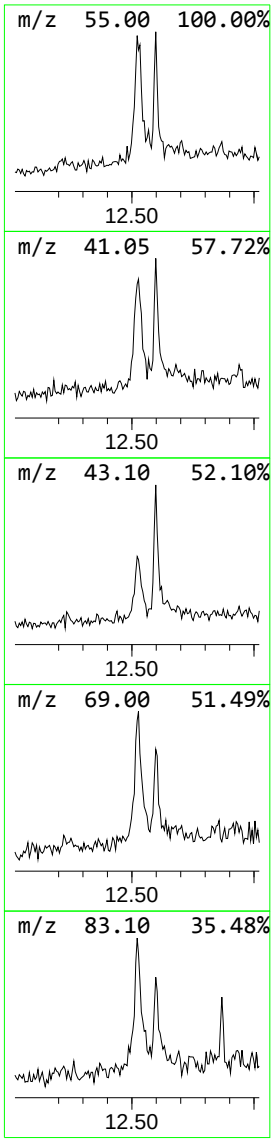
Peak Number 4 cis-Vaccenic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.522	6.70 ng	134632	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Vaccenic acid	282	C18H34O2	000506-17-2	68
2	9-Octadecenoic acid	282	C18H34O2	002027-47-6	62
3	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	62
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	52
5	Oleic Acid	282	C18H34O2	000112-80-1	49





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ALS Vial : 21 Sample Multiplier: 1

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BNA_F
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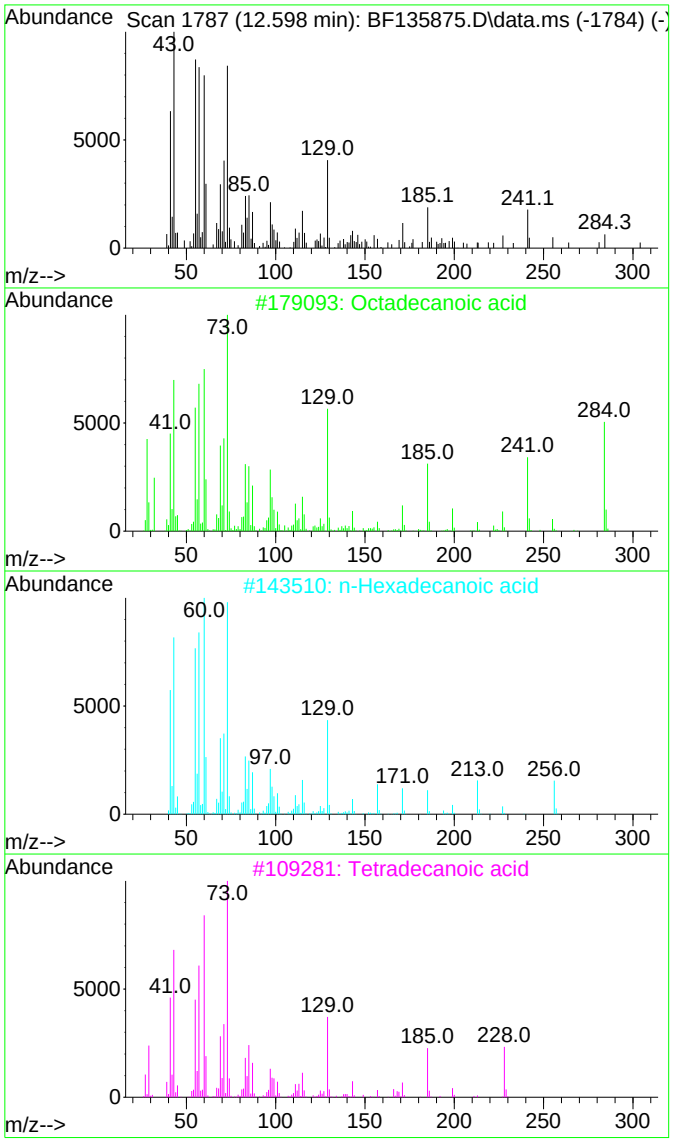
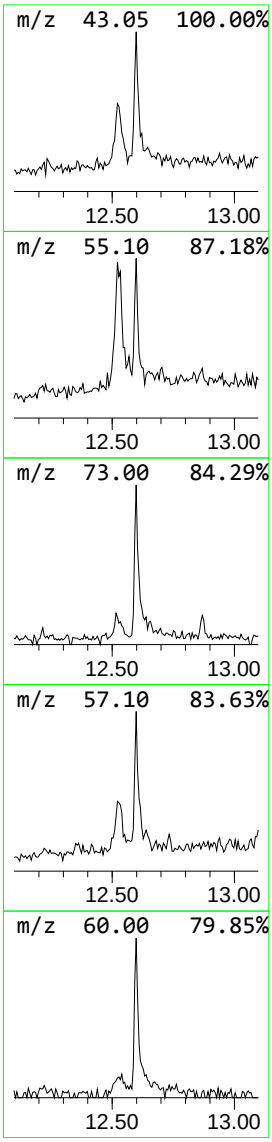
Peak Number 5 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.598	4.47 ng	89768	Phenanthrene-d10	11.275

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72





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

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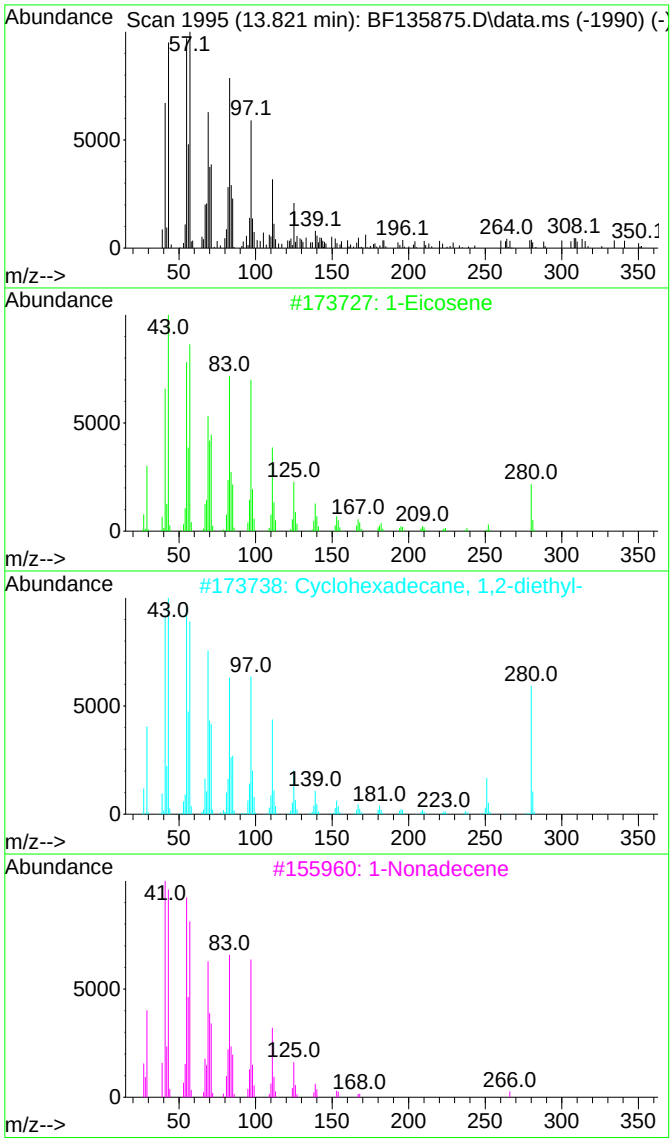
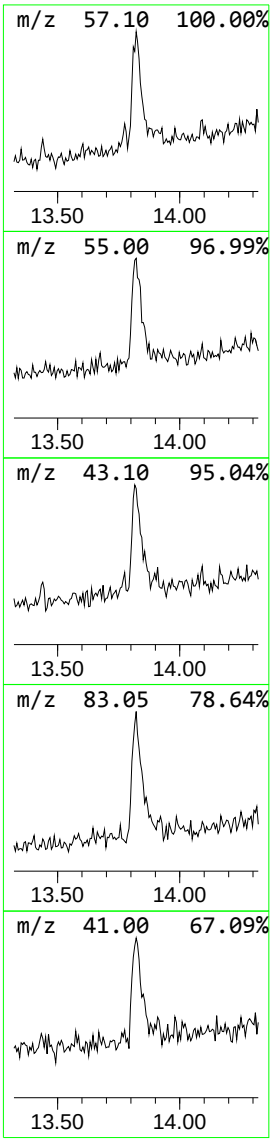
Peak Number 6 1-Eicosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	7.73 ng	144199	Chrysene-d12	13.939

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	98
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	98
3	1-Nonadecene	266	C19H38	018435-45-5	96
4	1-Docosene	308	C22H44	001599-67-3	96
5	Cycloeicosane	280	C20H40	000296-56-0	95





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.963	3.4	ng	62540	1	6.739	364423	20.0
Lidocaine	11.610	6.8	ng	135676	4	11.275	401737	20.0
n-Hexadecanoic ...	11.810	12.1	ng	242135	4	11.275	401737	20.0
cis-Vaccenic acid	12.522	6.7	ng	134632	4	11.275	401737	20.0
Octadecanoic acid	12.598	4.5	ng	89768	4	11.275	401737	20.0
1-Eicosene	13.821	7.7	ng	144199	5	13.939	373258	20.0