LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050824\
Data File : BG061141.D
Acq On : 8 May 2024 14:23
Operator : MA/JU
Sample : P2404-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOP-SOIL-2

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061141.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.081	11	16	23	rVV8	8663	19784	1.57%	0.279%
2	3.157	23	29	42	rVB	188391	320381	25.45%	4.513%
3	3.680	113	118	126	rVB2	10105	16203	1.29%	0.228%
4	5.525	425	432	441	rBV	318859	513157	40.76%	7.228%
5	7.111	694	702	712	rBV	340718	585223	46.48%	8.243%
6	7.934	835	842	848	rBV	104916	169389	13.45%	2.386%
7	9.086	1031	1038	1046	rBV	218994	388537	30.86%	5.473%
8	10.731	1308	1318	1324	rBV	127543	233010	18.51%	3.282%
9	13.187	1729	1736	1745	rBV	548245	852505	67.71%	12.007%
10	14.561	1964	1970	1980	rVB	220205	335804	26.67%	4.730%
11	14.779	2000	2007	2016	rVB6	8678	19445	1.54%	0.274%
12	16.054	2216	2224	2233	rBV	501456	765081	60.77%	10.776%
13	17.311	2431	2438	2445	rBV	279963	419387	33.31%	5.907%
14	18.210	2586	2591	2599	rBV2	43695	69290	5.50%	0.976%
15	19.368	2783	2788	2792	rBV	13365	21097	1.68%	0.297%
16	19.726	2841	2849	2853	rBV2	10982	25165	2.00%	0.354%
17	19.932	2878	2884	2890	rBV	960019	1259051	100.00%	17.734%
18	20.225	2930	2934	2936	rBV5	9510	17107	1.36%	0.241%
19	21.236	3102	3106	3114	rBV3	44271	100511	7.98%	1.416%
20	21.571	3157	3163	3169	rVB	275178	464934	36.93%	6.549%
21	22.364	3296	3298	3301	rBV4	15284	20659	1.64%	0.291%
22	24.697	3687	3695	3712	rVB2	162424	484053	38.45%	6.818%

Sum of corrected areas: 7099773

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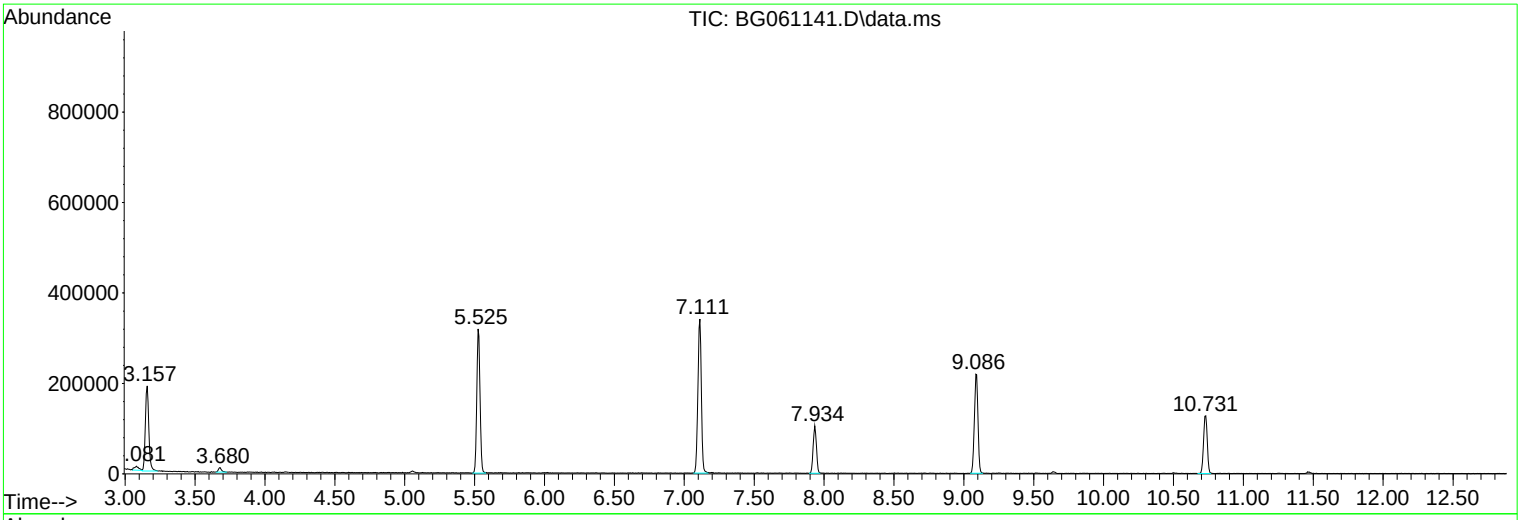
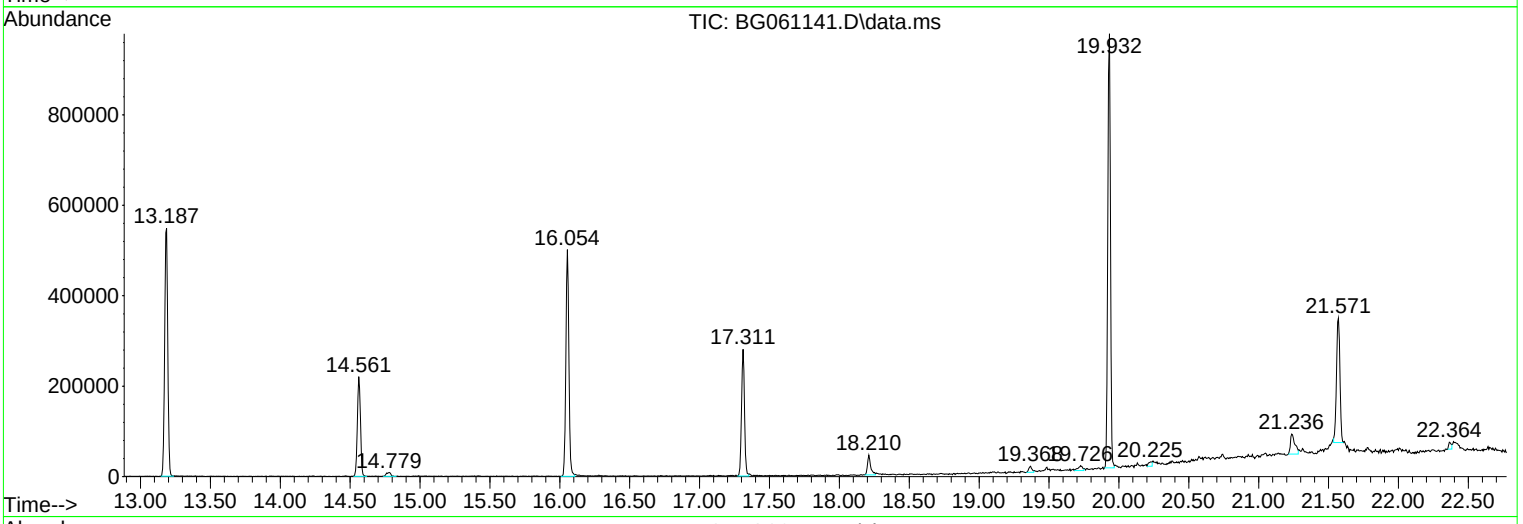
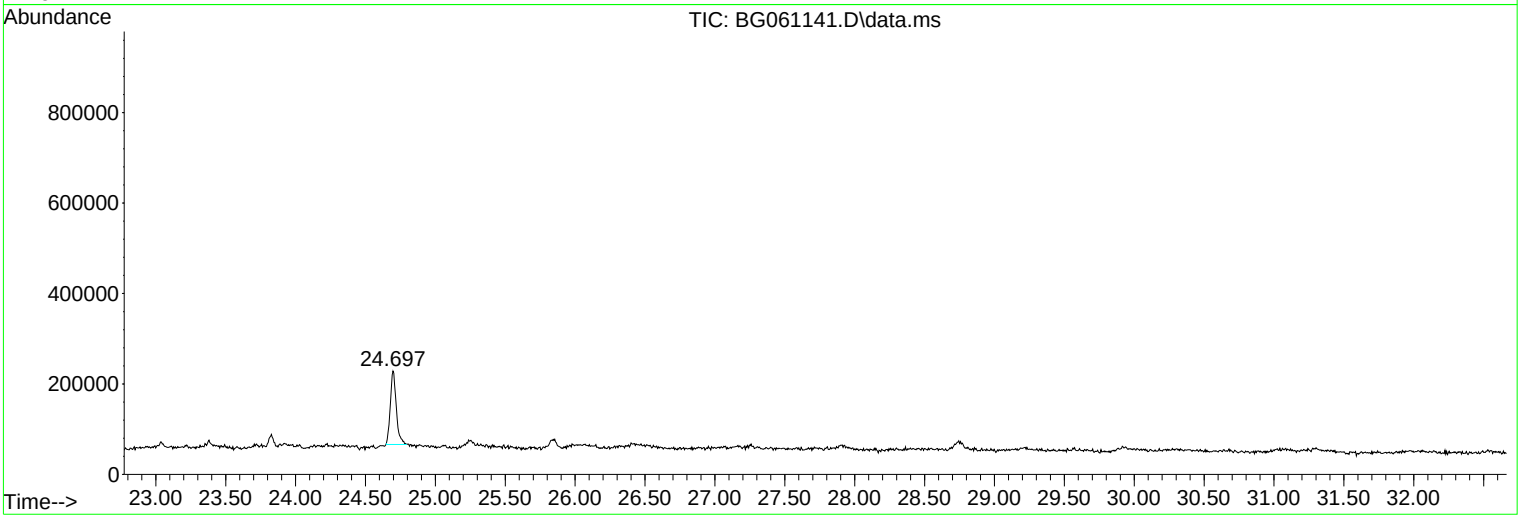
ClientSampleId :
TOP-SOIL-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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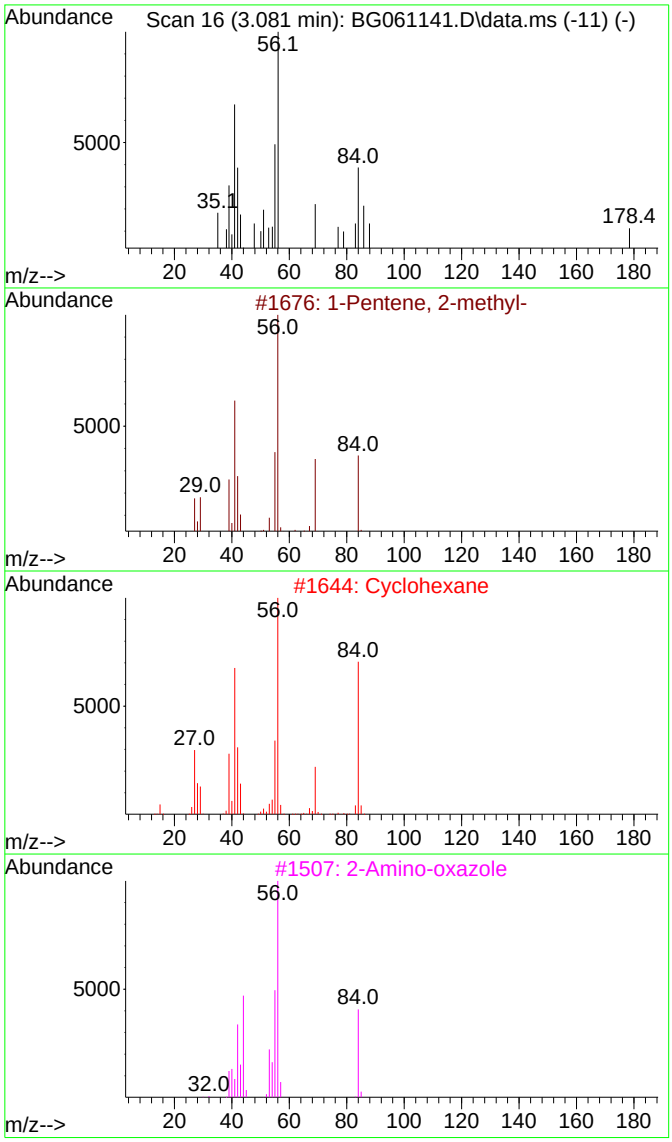
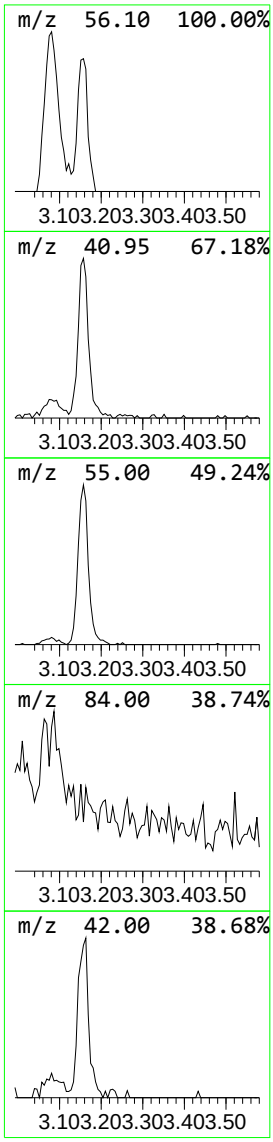
Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.081	2.34 ng	19784	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	50
2	Cyclohexane	84	C6H12	000110-82-7	43
3	2-Amino-oxazole	84	C3H4N2O	004570-45-0	40
4	1-Hexene	84	C6H12	000592-41-6	38
5	1-Hexene, 3,4-dimethyl-	112	C8H16	016745-94-1	32





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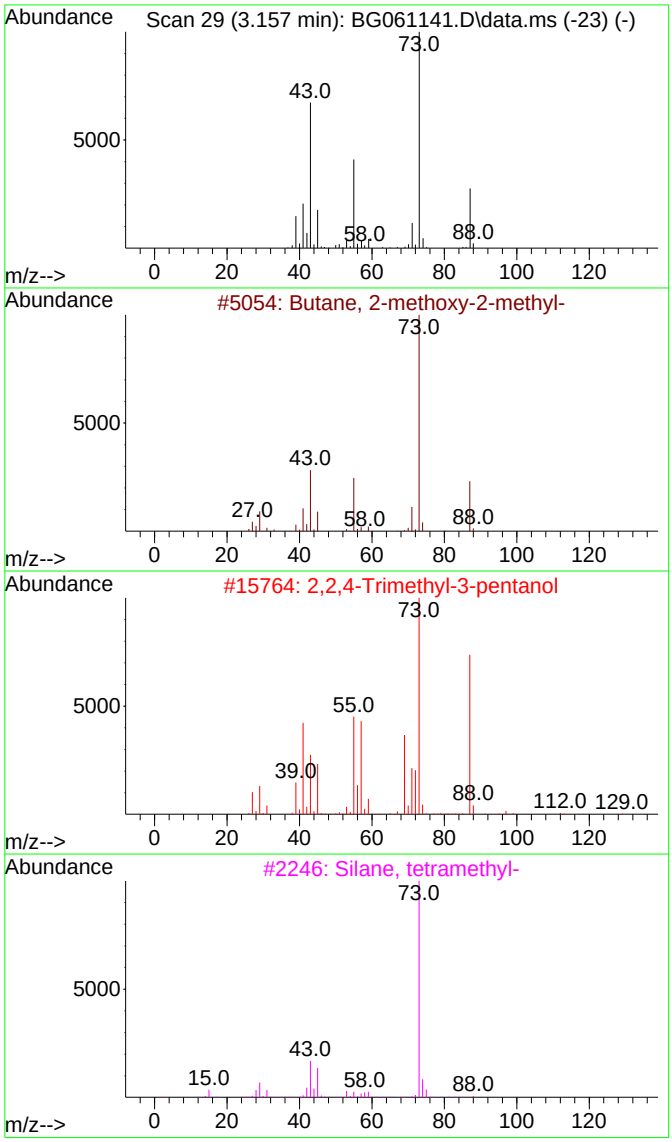
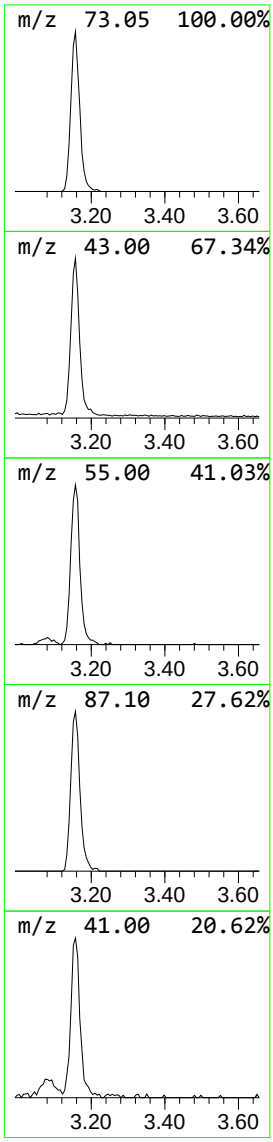
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.157	37.83 ng	320381	1,4-Dichlorobenzene-d4	7.934

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	32





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Operator : MA/JU
Sample : P2404-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOP-SOIL-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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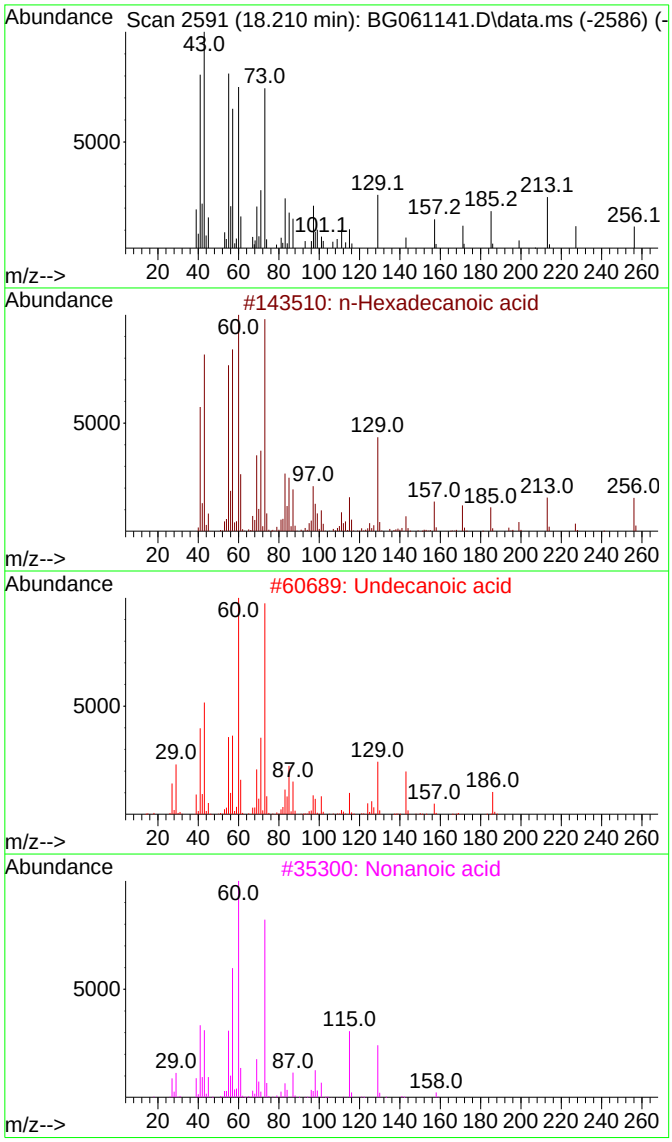
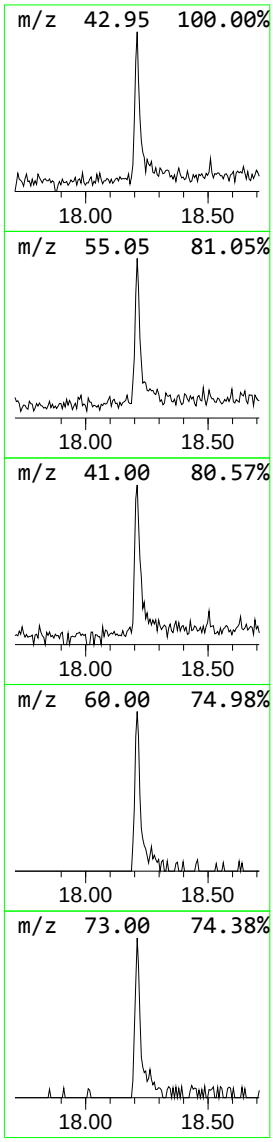
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	3.30 ng	69290	Phenanthrene-d10	17.311

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Nonanoic acid	158	C9H18O2	000112-05-0	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





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Sample : P2404-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TOP-SOIL-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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TIC Integration Parameters: LSCINT.P

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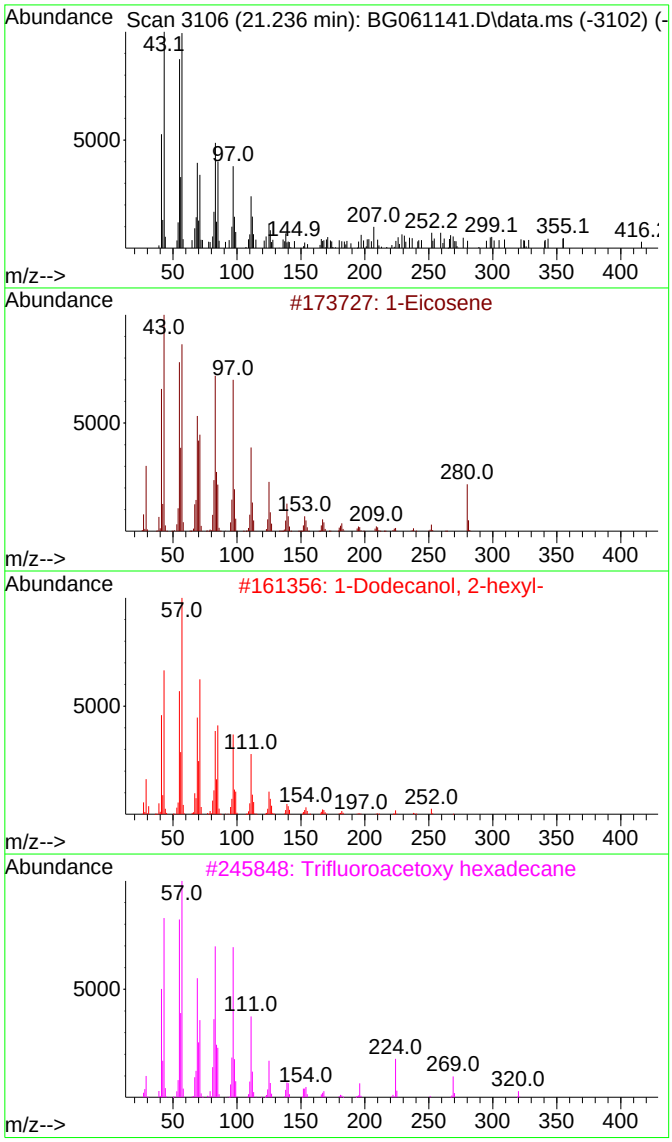
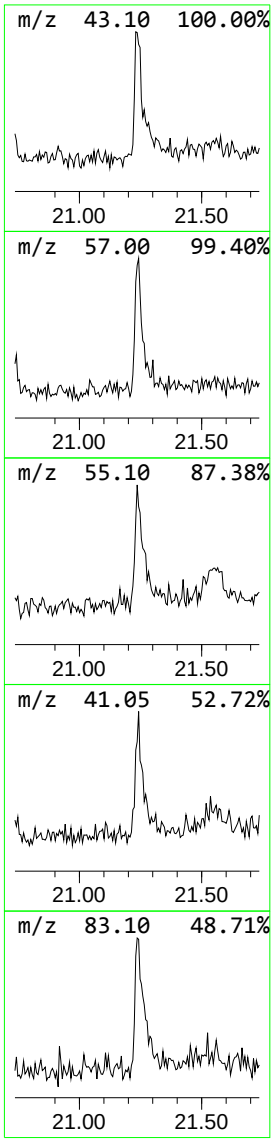
Peak Number 4 1-Eicosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.236	4.32 ng	100511	Chrysene-d12	21.571

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	78
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	50
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	47
4	Cyanoacetic acid, pentadecyl ester	295	C18H33NO2	1000406-23-2	43
5	9-Tricosene, (Z)-	322	C23H46	027519-02-4	42





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_G
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Pentene, 2-me...	3.081	2.3	ng	19784	1	7.934	169389	20.0
Butane, 2-metho...	3.157	37.8	ng	320381	1	7.934	169389	20.0
n-Hexadecanoic ...	18.210	3.3	ng	69290	4	17.311	419387	20.0
1-Eicosene	21.236	4.3	ng	100511	5	21.571	464934	20.0