LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052423\
Data File : BM039992.D
Acq On : 24 May 2023 20:02
Operator : CG/JU
Sample : 02868-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP12

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-BM052323.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039992.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.093	301	307	315	rBV	314922	435454	4.06%	0.636%
2	5.563	380	387	403	rBV	6034469	8459676	78.86%	12.353%
3	7.169	653	660	670	rBV	5210700	8259148	76.99%	12.060%
4	8.016	797	804	812	rBV	1408033	2162244	20.16%	3.157%
5	9.181	994	1002	1016	rBV	2976851	4895720	45.64%	7.149%
6	10.833	1275	1283	1292	rBV	1695841	2797888	26.08%	4.085%
7	13.280	1692	1699	1709	rBV	6794374	9586964	89.37%	13.999%
8	14.651	1926	1932	1942	rVB	2054762	2939506	27.40%	4.292%
9	16.004	2156	2162	2169	rBV	695347	916946	8.55%	1.339%
10	16.133	2177	2184	2193	rBV	4791445	6578915	61.33%	9.607%
11	16.568	2250	2258	2264	rBV	99062	131023	1.22%	0.191%
12	17.392	2392	2398	2403	rBV	2077116	2880222	26.85%	4.206%
13	18.286	2540	2550	2560	rBV	283440	473936	4.42%	0.692%
14	19.445	2743	2747	2756	rVB	86223	129161	1.20%	0.189%
15	19.556	2762	2766	2777	rBV	122616	197541	1.84%	0.288%
16	20.009	2837	2843	2854	rBV	9505712	10727214	100.00%	15.664%
17	21.274	3054	3058	3066	rBV2	293735	394065	3.67%	0.575%
18	21.568	3102	3108	3113	rBV	2335632	2969857	27.69%	4.337%
19	22.856	3324	3327	3333	rVB	129643	169597	1.58%	0.248%
20	23.274	3394	3398	3403	rBV3	126066	234375	2.18%	0.342%
21	24.021	3518	3525	3537	rVB	1606797	3144012	29.31%	4.591%

Sum of corrected areas: 68483464

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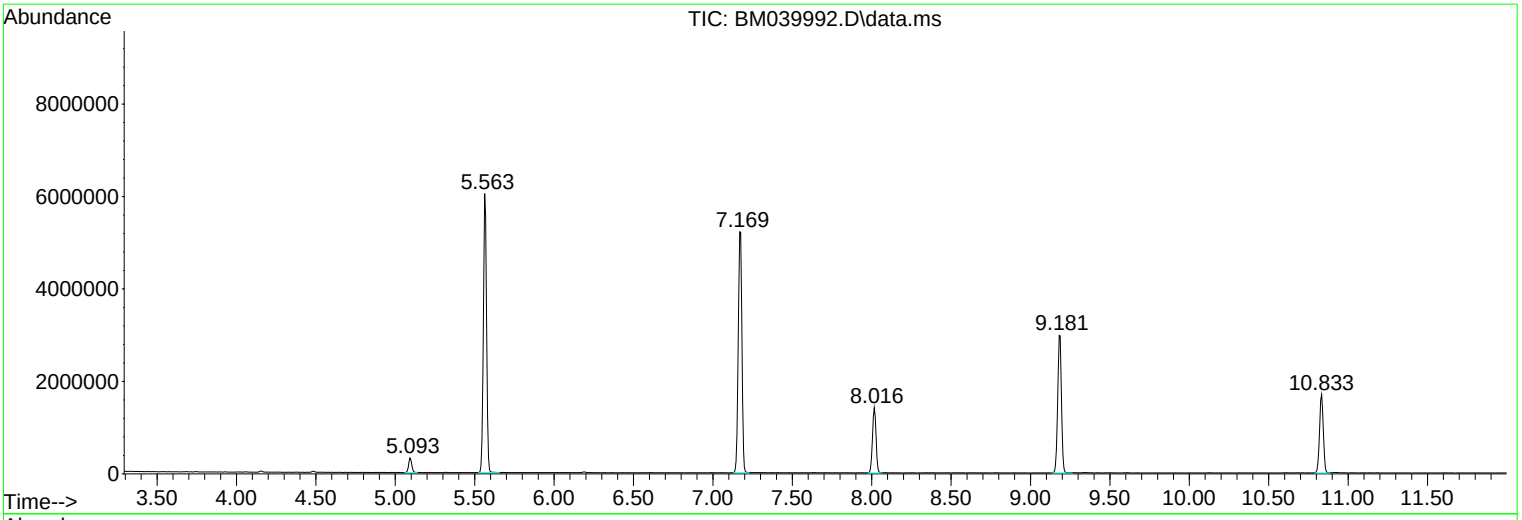
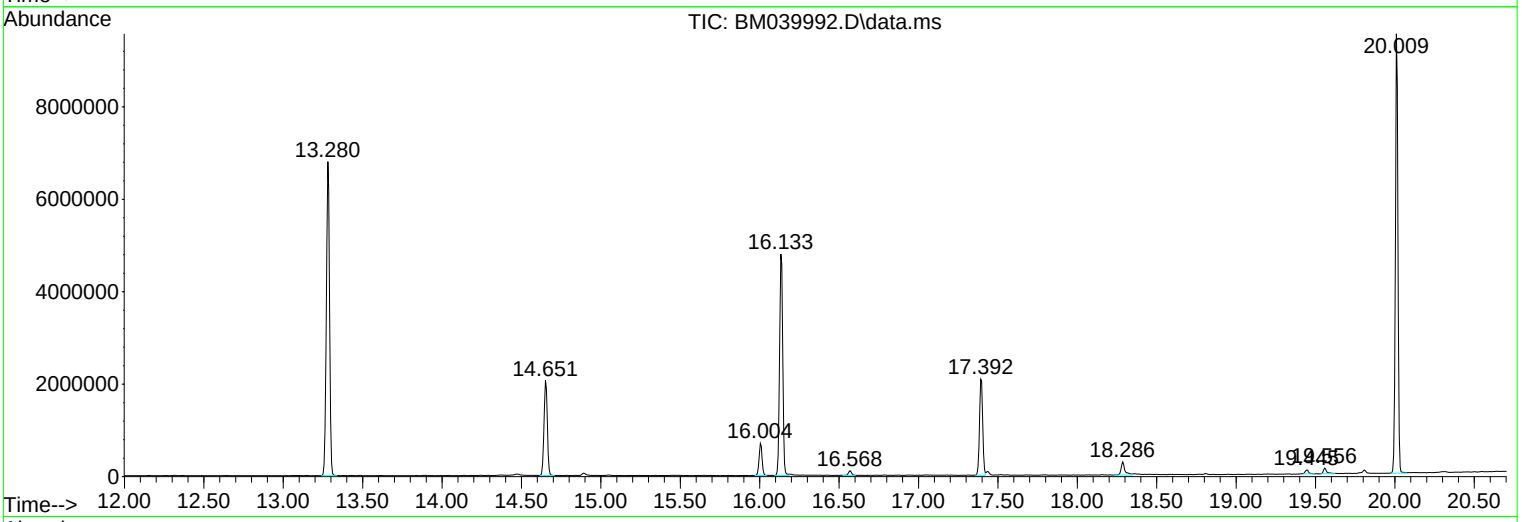
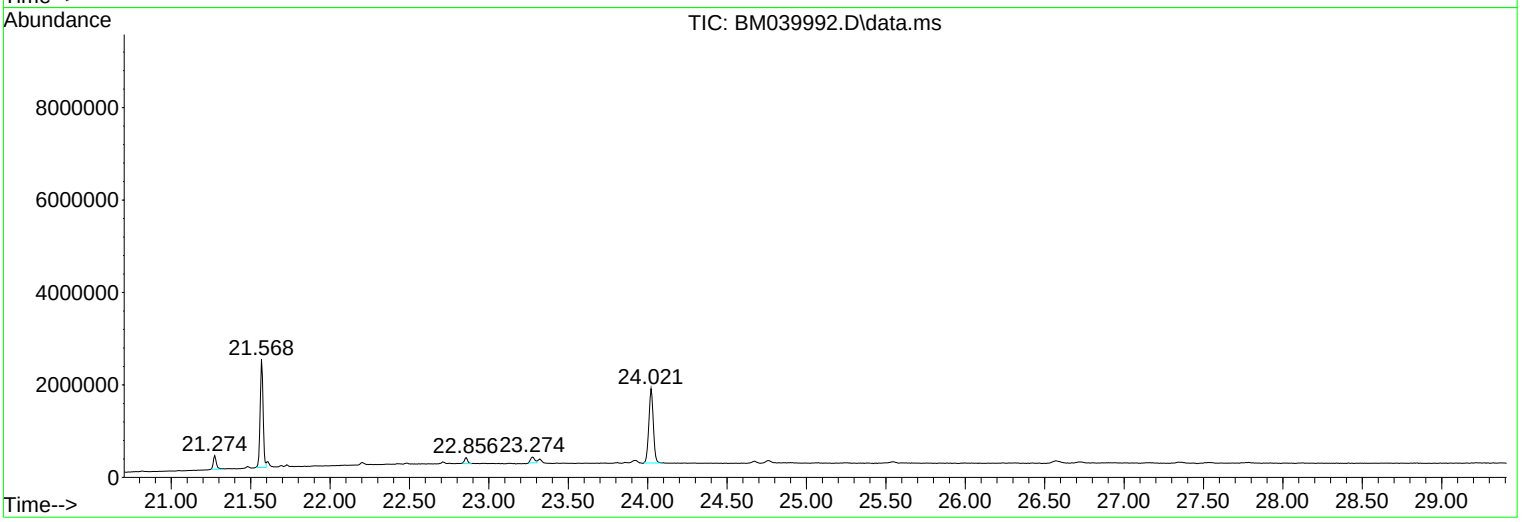
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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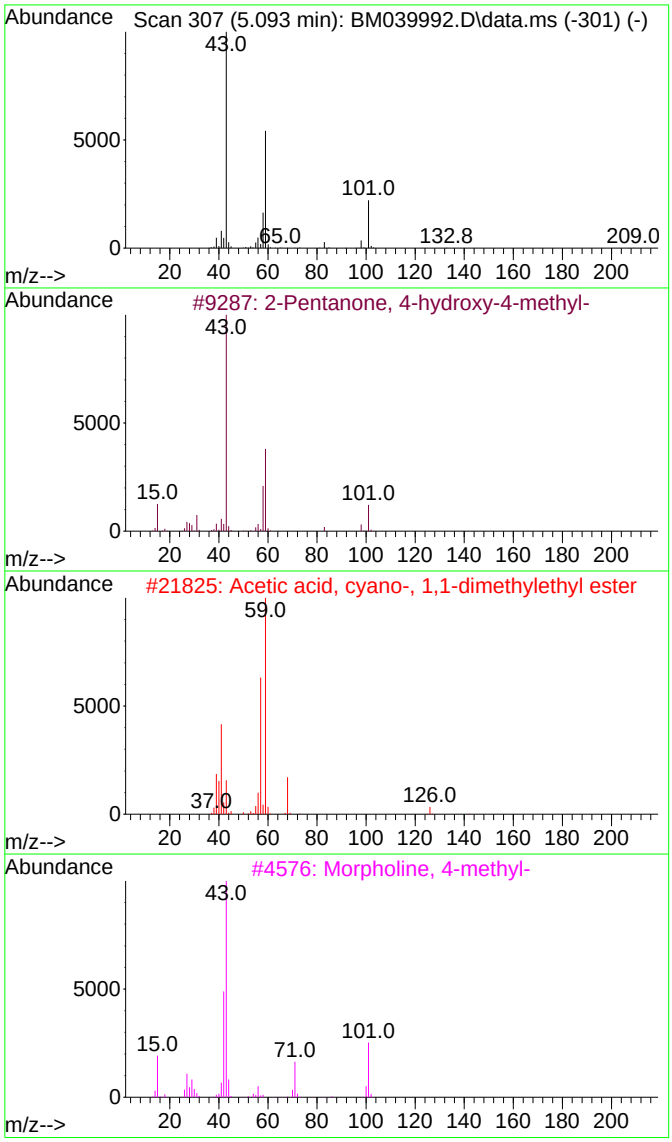
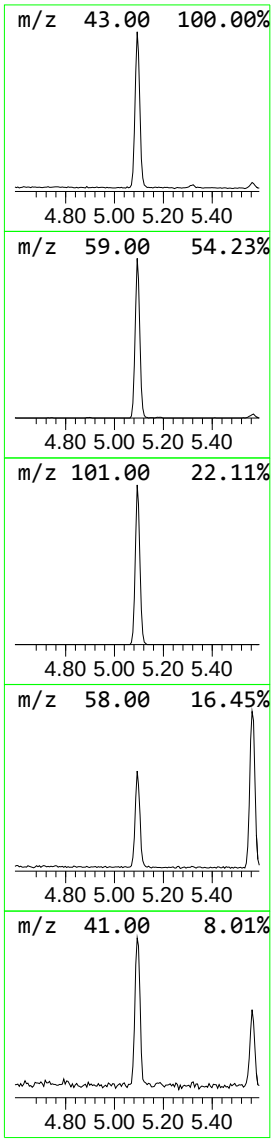
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.093	4.03 ng	435454	1,4-Dichlorobenzene-d4	8.016

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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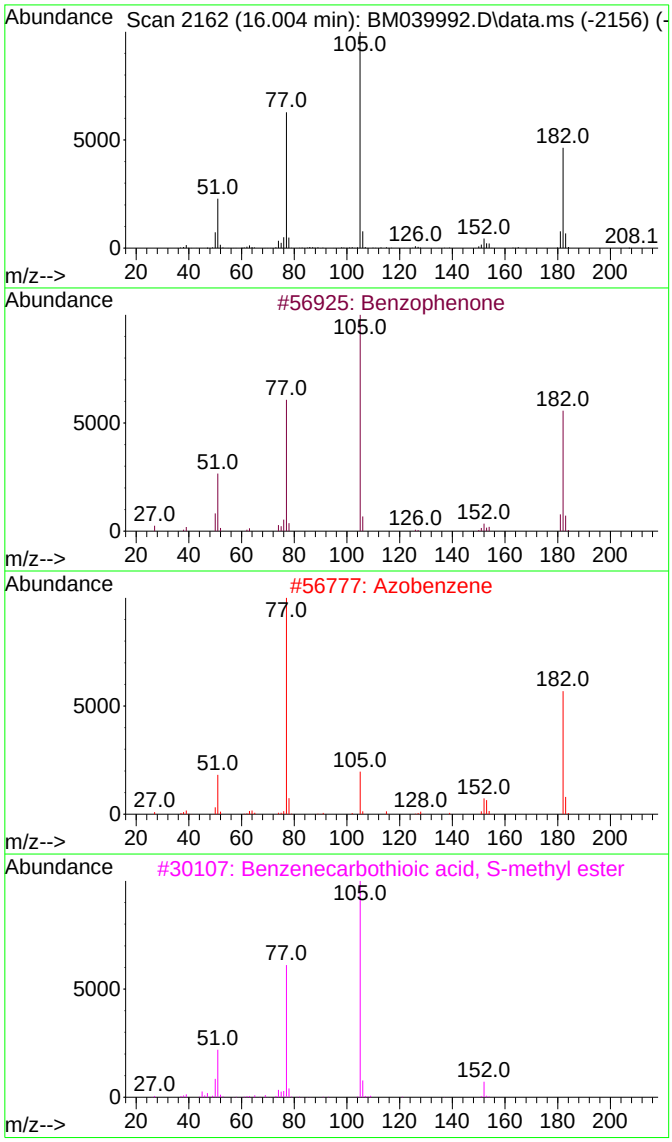
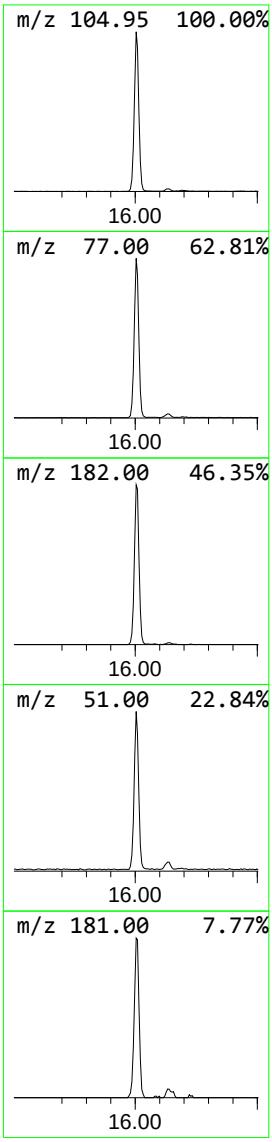
Peak Number 2 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	6.24 ng	916946	Acenaphthene-d10	14.651

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene	182	C12H10N2	000103-33-3	64
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
5	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	47





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Sample : 02868-11
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Instrument :
BNA_M
ClientSampleId :
TP12

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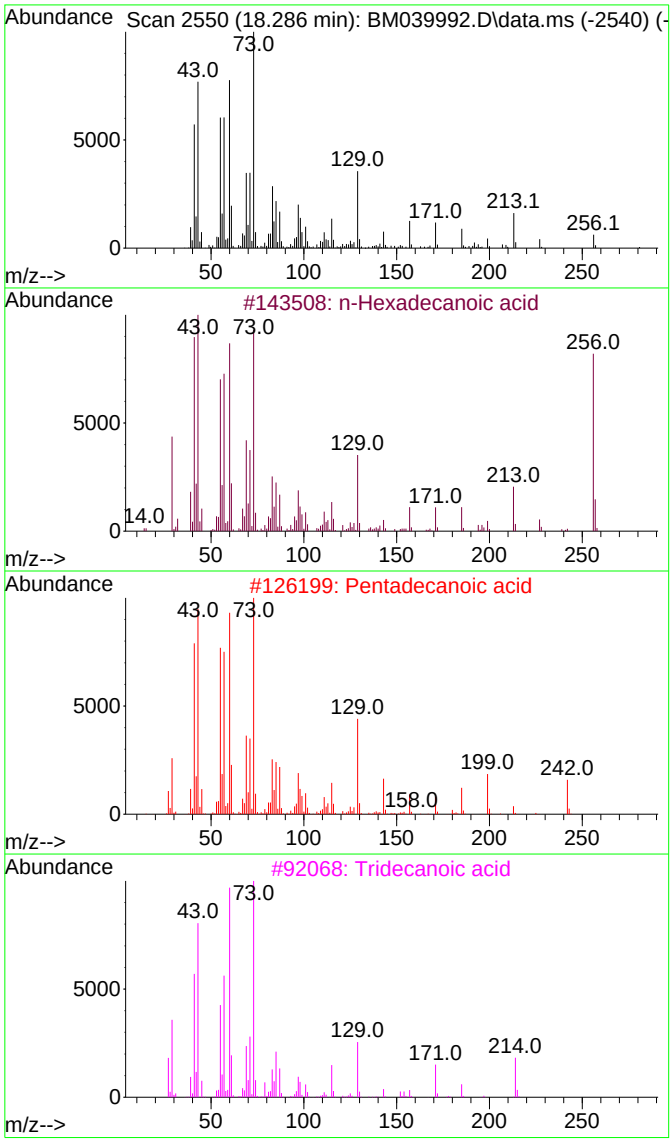
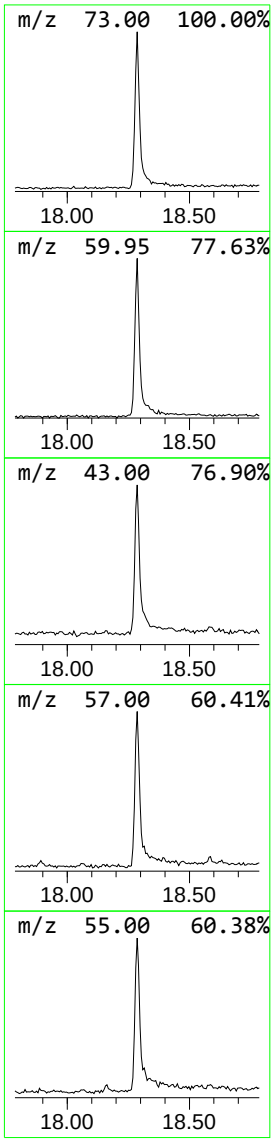
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.29 ng	473936	Phenanthrene-d10	17.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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BNA_M
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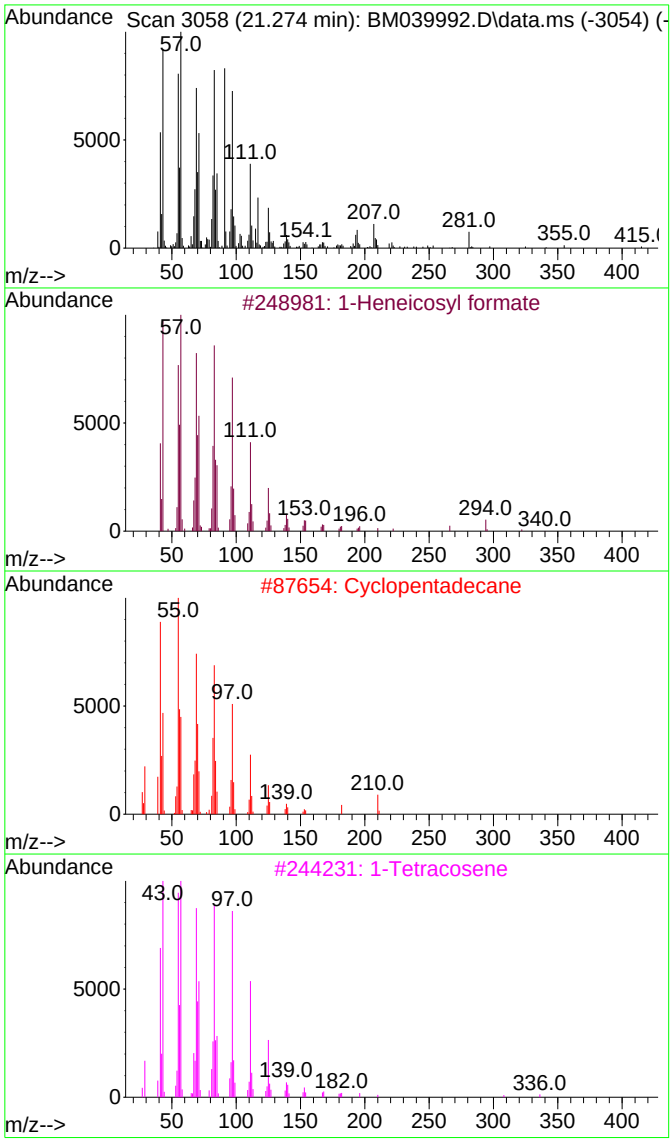
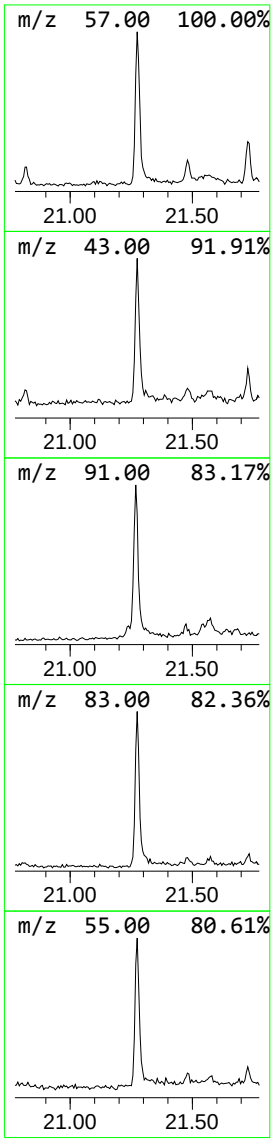
Peak Number 4 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.274	2.65 ng	394065	Chrysene-d12	21.568

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2	Cyclopentadecane	210	C15H30	000295-48-7	93
3	1-Tetracosene	336	C24H48	010192-32-2	93
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument :
BNA_M
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TIC Library : C:\Database\NIST20.L
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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.093	4.0	ng	435454	1	8.016	2162240	20.0
Benzophenone	16.004	6.2	ng	916946	3	14.651	2939510	20.0
n-Hexadecanoic ...	18.286	3.3	ng	473936	4	17.392	2880220	20.0
1-Heneicosyl fo...	21.274	2.6	ng	394065	5	21.568	2969860	20.0