LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
Data File : BM039078.D
Acq On : 21 Mar 2023 20:52
Operator : CG/JU
Sample : O2001-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IRV-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_M\Methods\8270-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039078.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.051	294	300	310	rBV	1966017	2735744	33.29%	3.925%
2	5.522	373	380	393	rVB	4507108	6432019	78.27%	9.229%
3	7.128	645	653	664	rBV	4412839	6757051	82.22%	9.696%
4	7.963	788	795	803	rBV	1249959	1994135	24.27%	2.861%
5	9.134	985	994	1003	rBV	2649406	4289222	52.19%	6.154%
6	10.780	1264	1274	1286	rBV	1614255	2743180	33.38%	3.936%
7	13.233	1684	1691	1699	rBV	5458525	7763826	94.47%	11.140%
8	14.604	1917	1924	1932	rBV	2212244	3242922	39.46%	4.653%
9	15.962	2145	2155	2163	rBV	982161	1304676	15.88%	1.872%
10	16.092	2170	2177	2190	rBV	4369090	6095670	74.17%	8.747%
11	17.351	2384	2391	2395	rBV	2407449	3400029	41.37%	4.879%
12	17.392	2395	2398	2404	rVB	241266	309672	3.77%	0.444%
13	18.245	2536	2543	2553	rBV2	497115	925340	11.26%	1.328%
14	18.415	2568	2572	2577	rBV3	51615	101498	1.24%	0.146%
15	19.403	2735	2740	2747	rVB	574451	733190	8.92%	1.052%
16	19.515	2755	2759	2764	rBV	195820	279046	3.40%	0.400%
17	19.762	2793	2801	2810	rBV	515678	855516	10.41%	1.228%
18	19.968	2831	2836	2847	rBV	6954770	8218127	100.00%	11.792%
19	20.656	2949	2953	2961	rBV	1000175	1185048	14.42%	1.700%
20	21.233	3047	3051	3058	rBV2	766097	1042529	12.69%	1.496%
21	21.439	3083	3086	3090	rVB	300308	327419	3.98%	0.470%
22	21.527	3095	3101	3105	rVV	2907791	4064516	49.46%	5.832%
23	21.562	3105	3107	3114	rVB	316864	406204	4.94%	0.583%
24	23.956	3508	3514	3534	rVB2	2008207	4486043	54.59%	6.437%

Sum of corrected areas: 69692622

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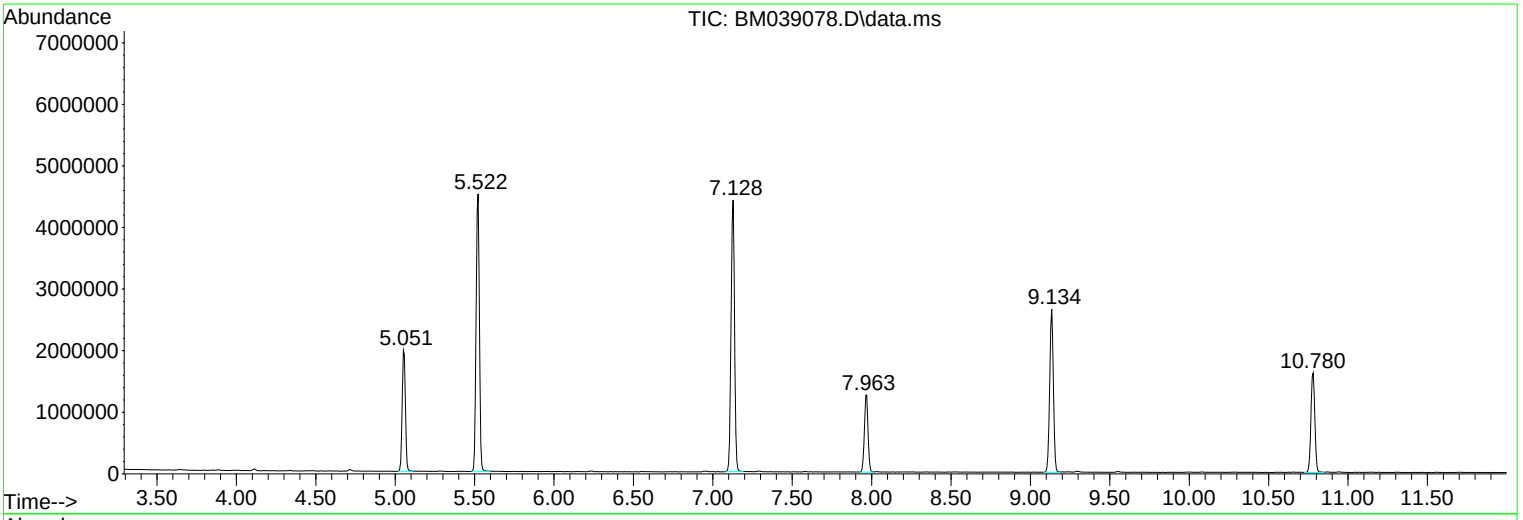
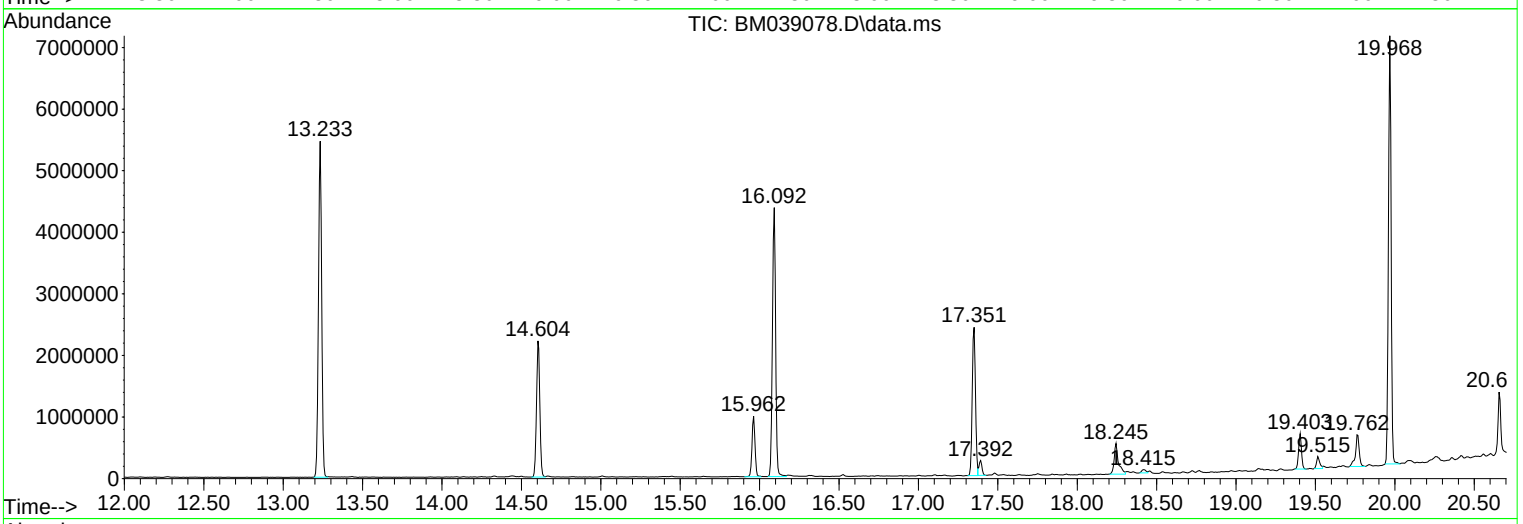
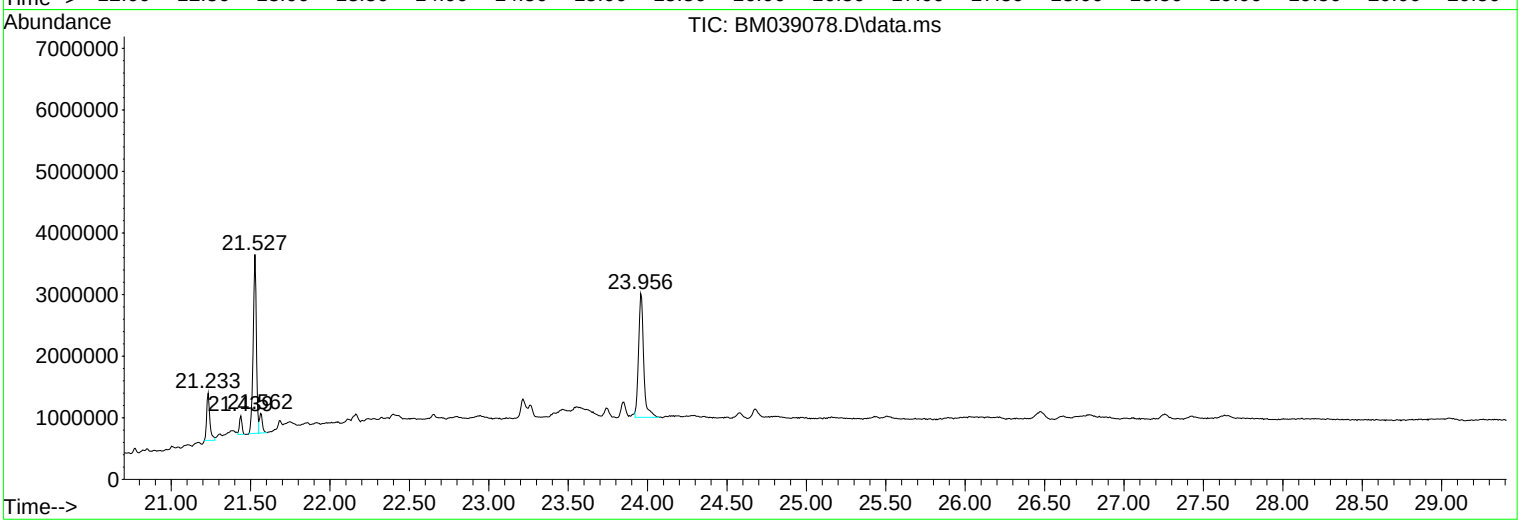
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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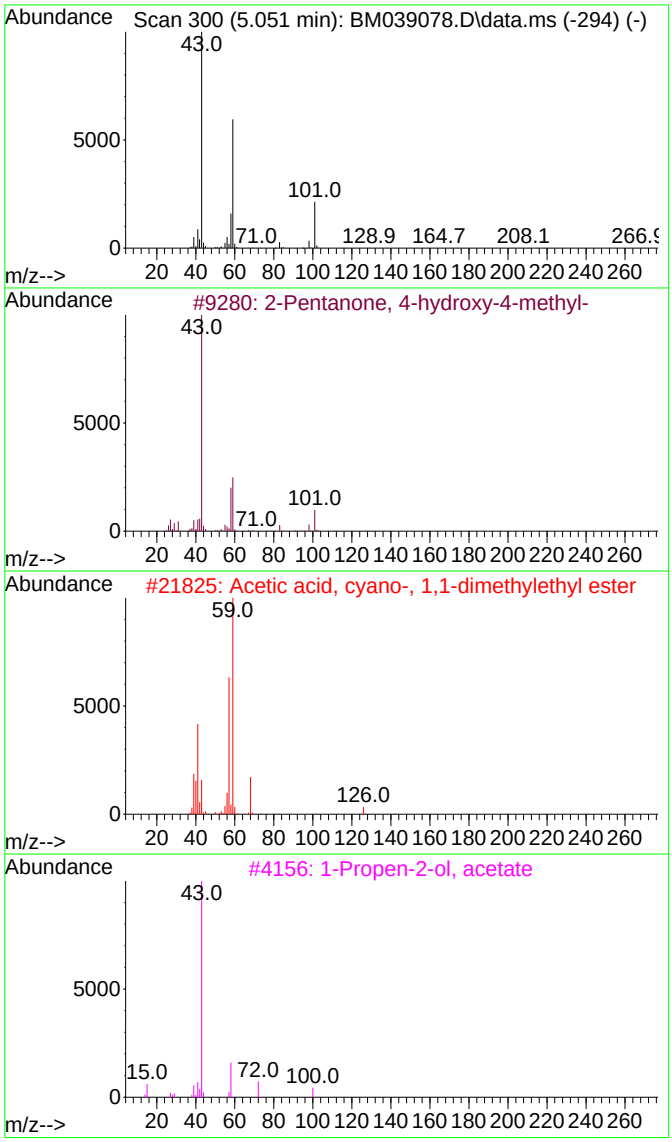
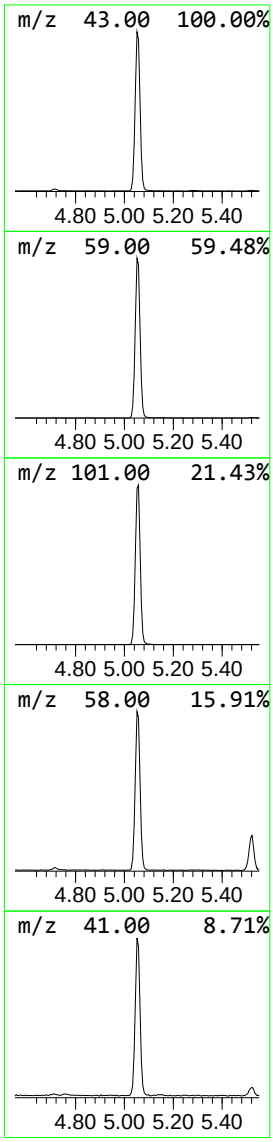
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.051	27.44 ng	2735740	1,4-Dichlorobenzene-d4	7.969

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument :
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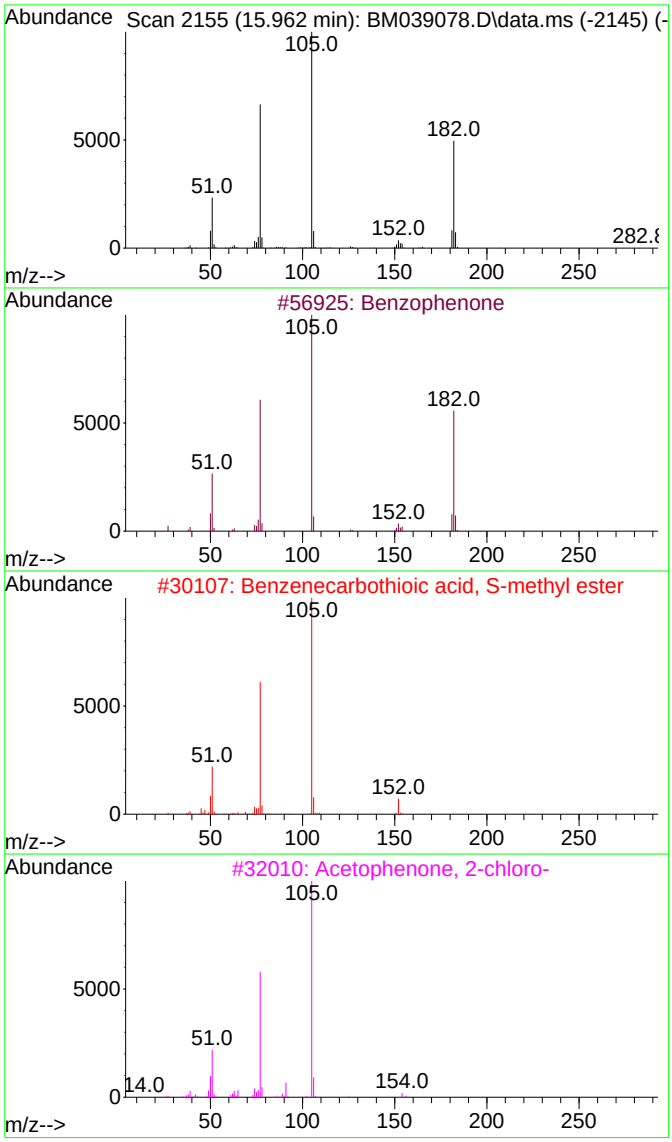
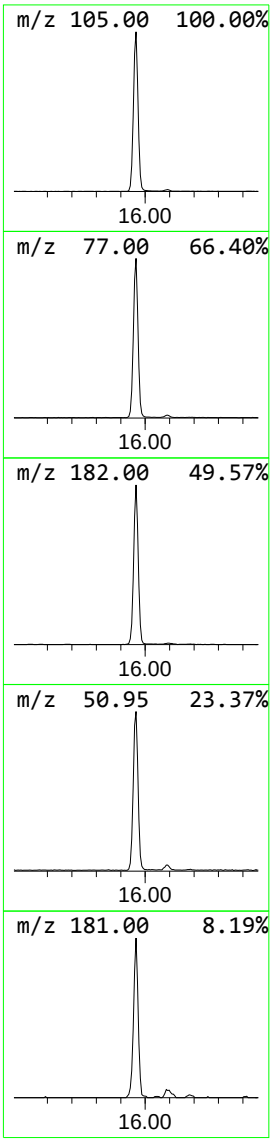
Peak Number 2 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	8.05 ng	1304680	Acenaphthene-d10	14.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzilamide	227	C14H13NO2	004746-87-6	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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Operator : CG/JU
Sample : 02001-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
IRV-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
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TIC Library : C:\Database\NIST20.L
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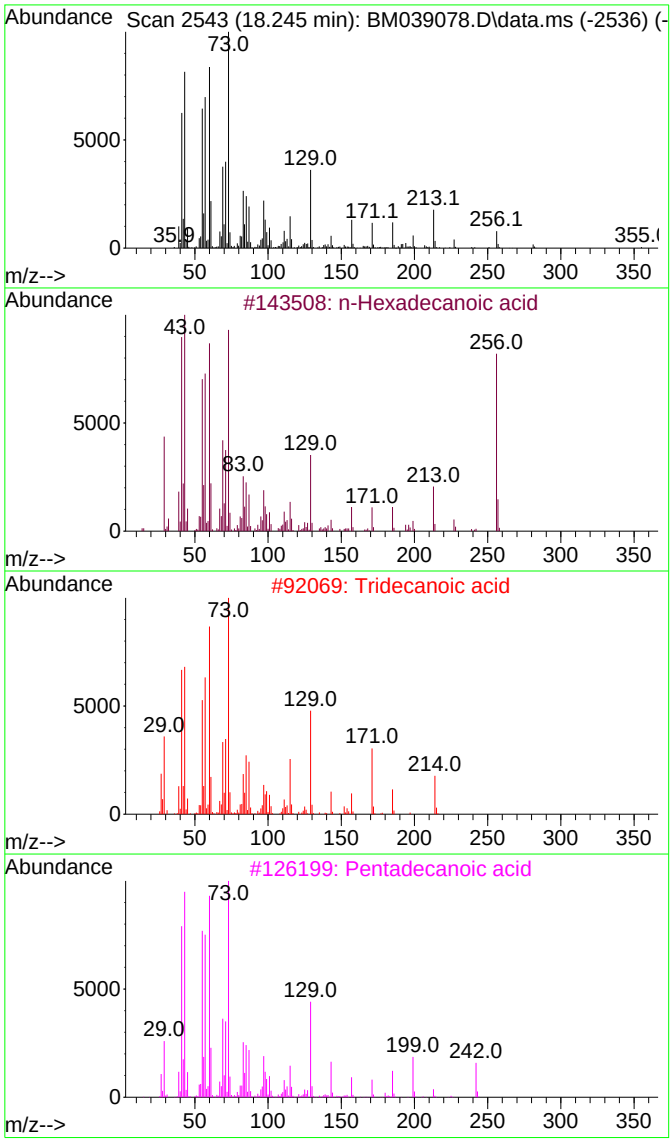
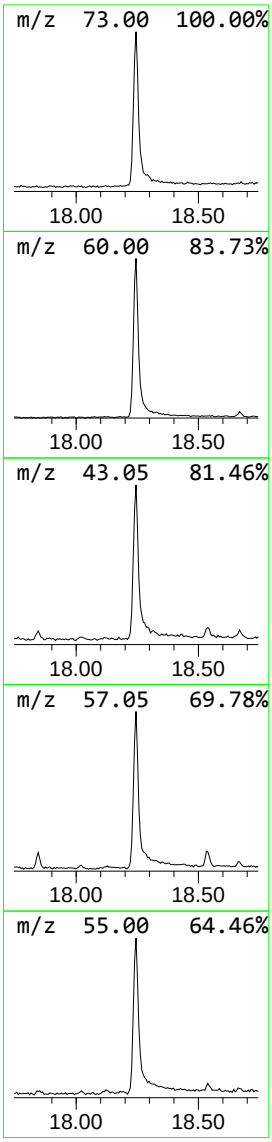
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	5.44 ng	925340	Phenanthrene-d10	17.351

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	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	94
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Octadecanoic acid	284	C18H36O2	000057-11-4	91





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Instrument :
BNA_M
ClientSampleId :
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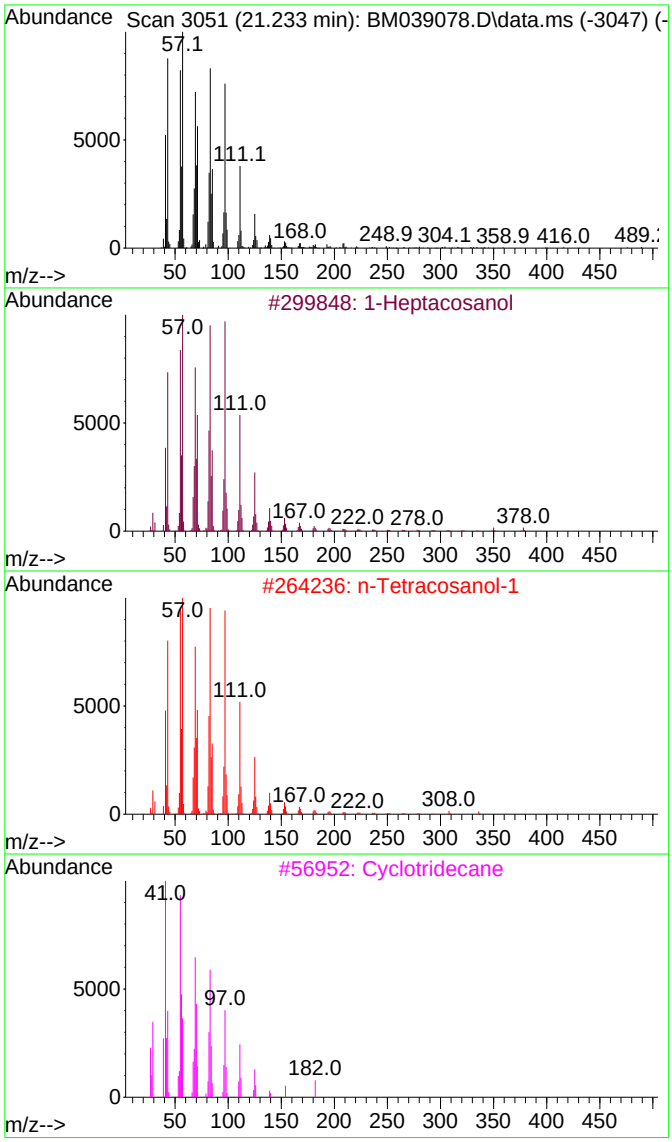
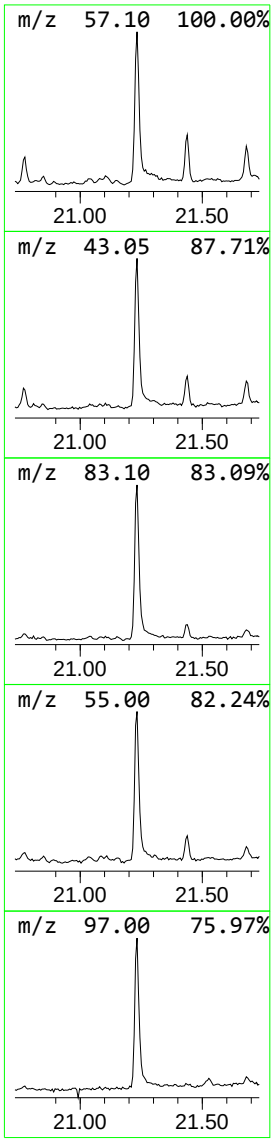
Peak Number 4 1-Heptacosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	5.13 ng	1042530	Chrysene-d12	21.527

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	94
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
3	Cyclotridecane	182	C13H26	000295-02-3	92
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	91
5	Pentacos-1-ene	350	C25H50	016980-85-1	91





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.051	27.4	ng	2735740	1	7.969	1994140	20.0
Benzophenone	15.963	8.1	ng	1304680	3	14.604	3242920	20.0
n-Hexadecanoic ...	18.245	5.4	ng	925340	4	17.351	3400030	20.0
1-Heptacosanol	21.233	5.1	ng	1042530	5	21.527	4064520	20.0