LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
Data File : BM039061.D
Acq On : 21 Mar 2023 01:34
Operator : CG/JU
Sample : 01964-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MAPLE-6

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: BM039061.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.057	295	301	311	rBV	2316862	3121886	29.88%	4.400%
2	5.522	373	380	392	rBV	5283330	7399771	70.82%	10.429%
3	7.128	645	653	667	rBV	4927723	7568008	72.43%	10.666%
4	7.969	787	796	803	rBV	1224448	1867109	17.87%	2.631%
5	9.134	986	994	1003	rBV	2814340	4636743	44.37%	6.535%
6	10.781	1265	1274	1281	rBV	1506293	2452185	23.47%	3.456%
7	13.233	1684	1691	1703	rBV	5874562	8425096	80.63%	11.874%
8	14.439	1889	1896	1904	rBV2	48049	110789	1.06%	0.156%
9	14.610	1917	1925	1933	rBV	1955159	2859312	27.36%	4.030%
10	15.963	2149	2155	2161	rBV	292097	395877	3.79%	0.558%
11	16.092	2170	2177	2192	rBV	4643201	6643430	63.58%	9.363%
12	17.351	2385	2391	2396	rBV	2293125	3211604	30.74%	4.526%
13	17.392	2396	2398	2405	rVB	136672	176058	1.68%	0.248%
14	18.245	2537	2543	2555	rBV2	517349	884604	8.47%	1.247%
15	19.404	2732	2740	2747	rBV	403497	605484	5.79%	0.853%
16	19.521	2755	2760	2772	rBV3	156500	280498	2.68%	0.395%
17	19.768	2793	2802	2810	rBV	304451	514487	4.92%	0.725%
18	19.974	2831	2837	2842	rBV	8426361	10449093	100.00%	14.727%
19	20.662	2950	2954	2960	rBV	212374	260520	2.49%	0.367%
20	21.233	3047	3051	3059	rBV	934480	1247684	11.94%	1.758%
21	21.533	3096	3102	3106	rBV	2616708	3713530	35.54%	5.234%
22	23.962	3509	3515	3535	rVB2	1912589	4129433	39.52%	5.820%

Sum of corrected areas: 70953201

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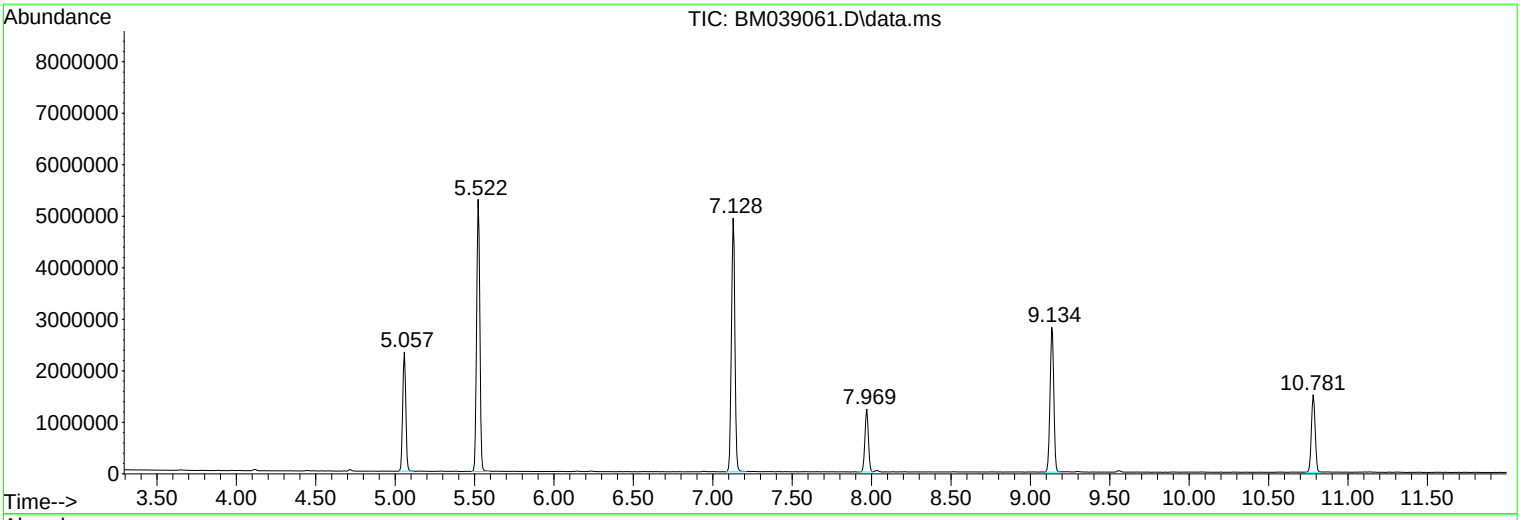
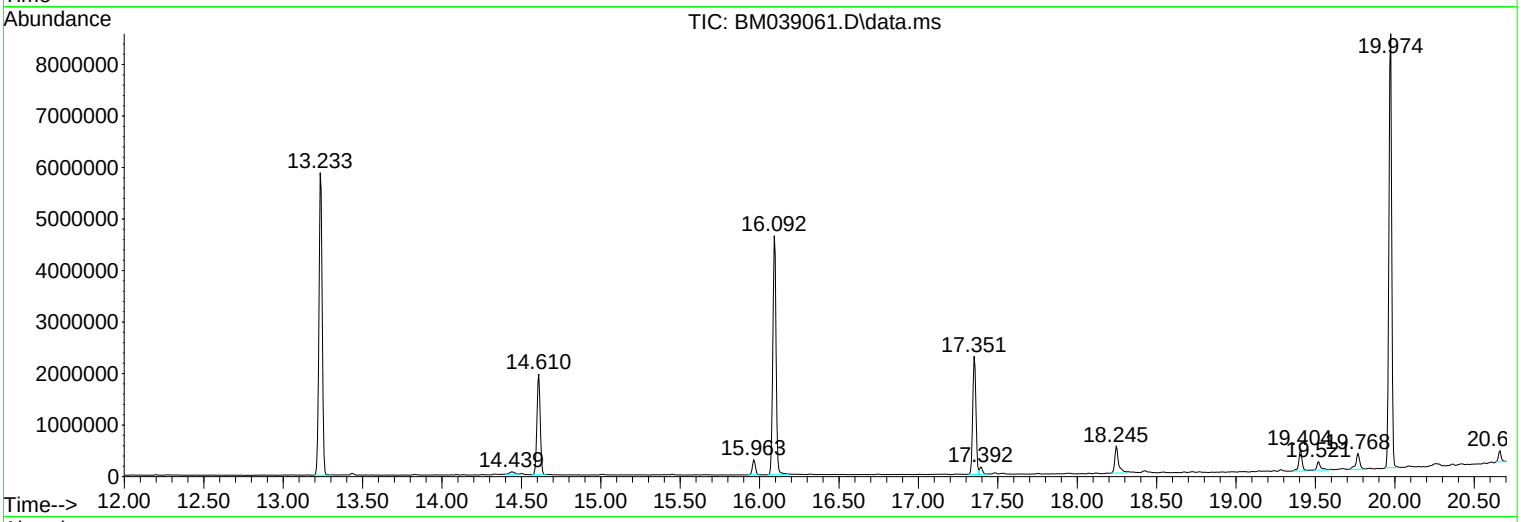
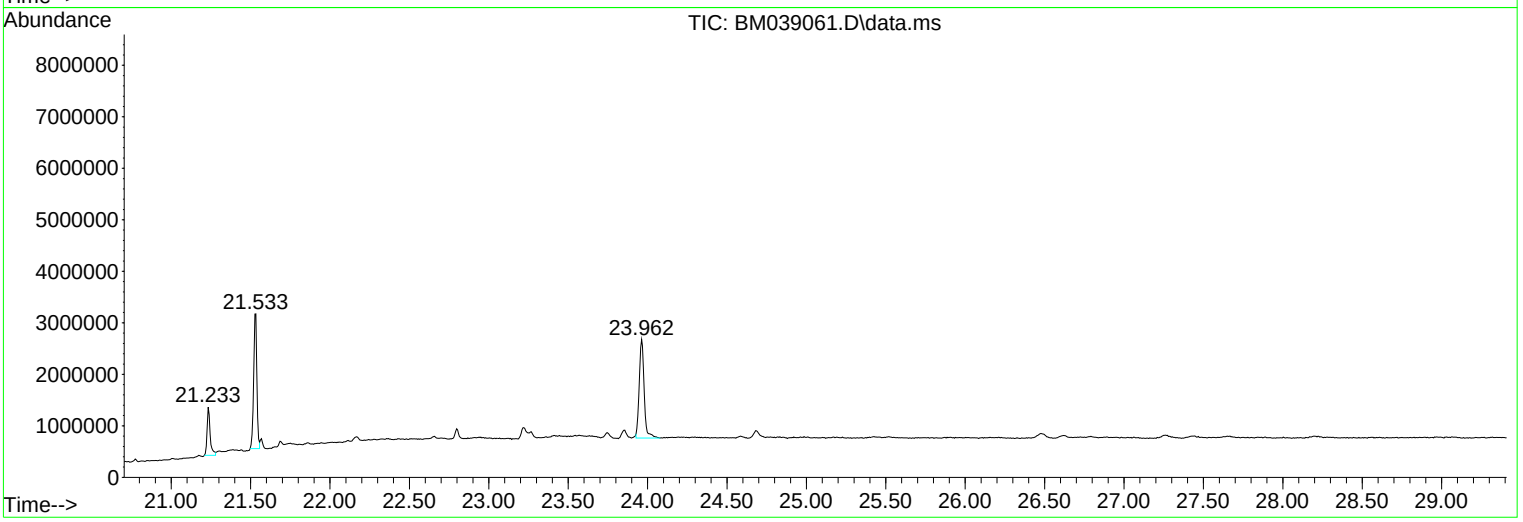
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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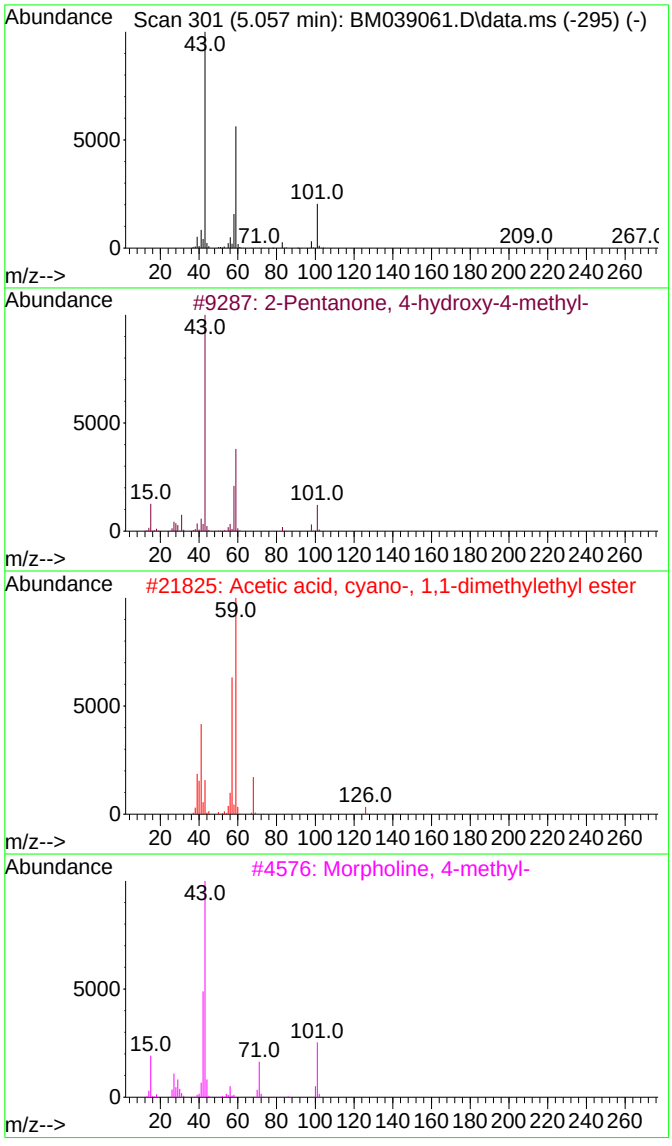
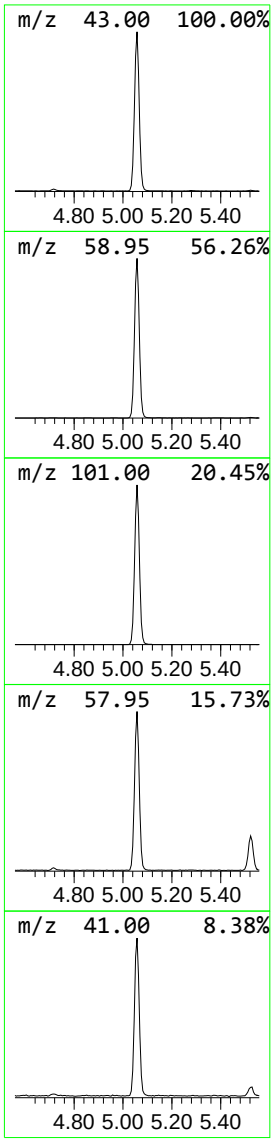
****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.057	33.44 ng	3121890	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	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	9





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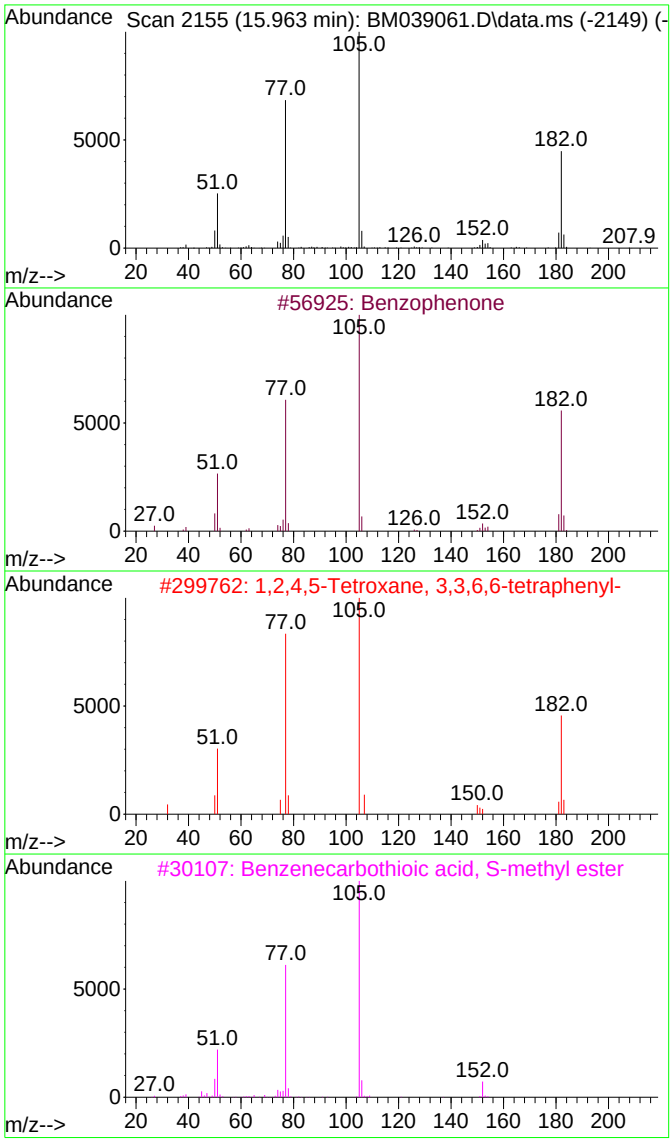
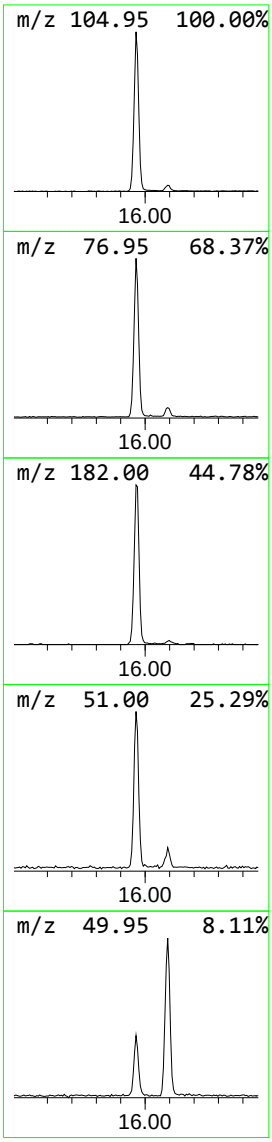
Peak Number 2 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	2.77 ng	395877	Acenaphthene-d10	14.610

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	Pentafluoroethyl phenyl ketone	224	C9H5F5O	000394-52-5	47





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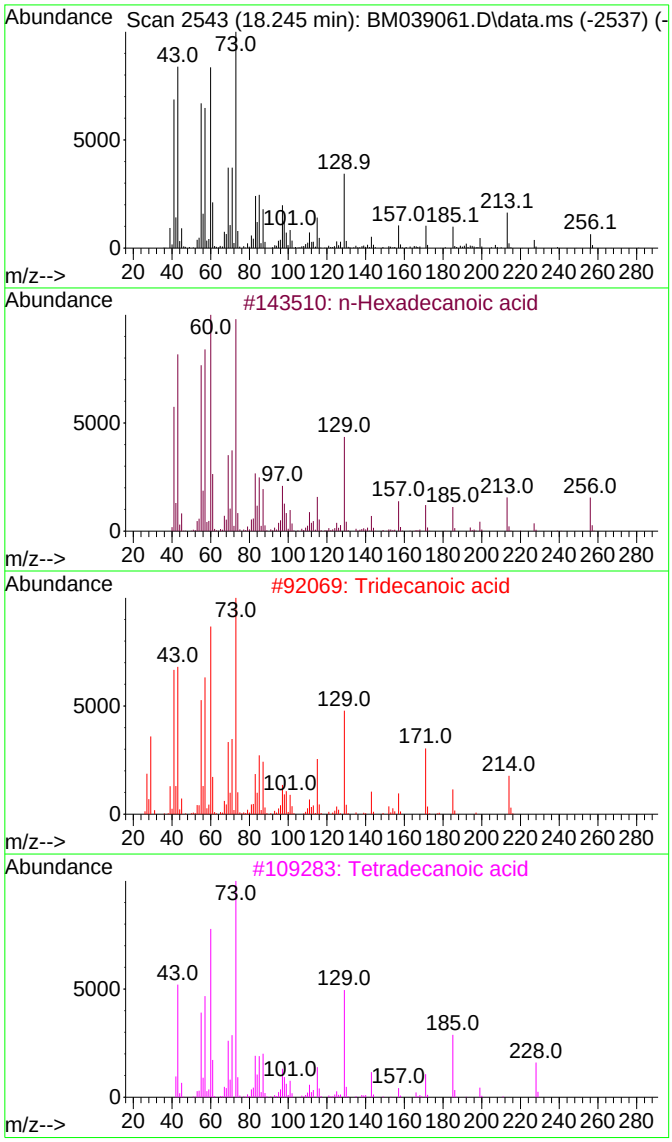
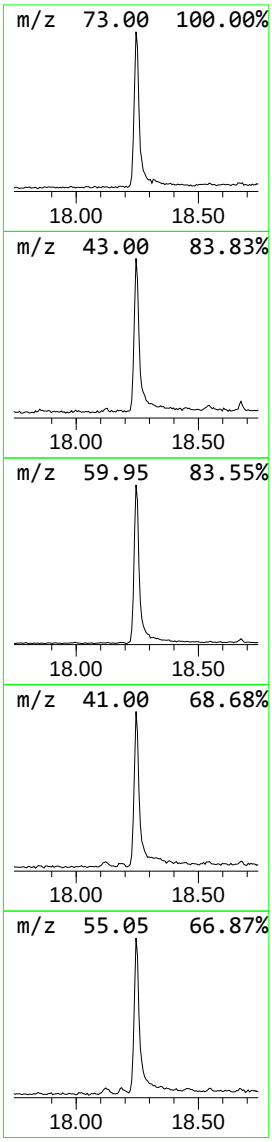
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	5.51 ng	884604	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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





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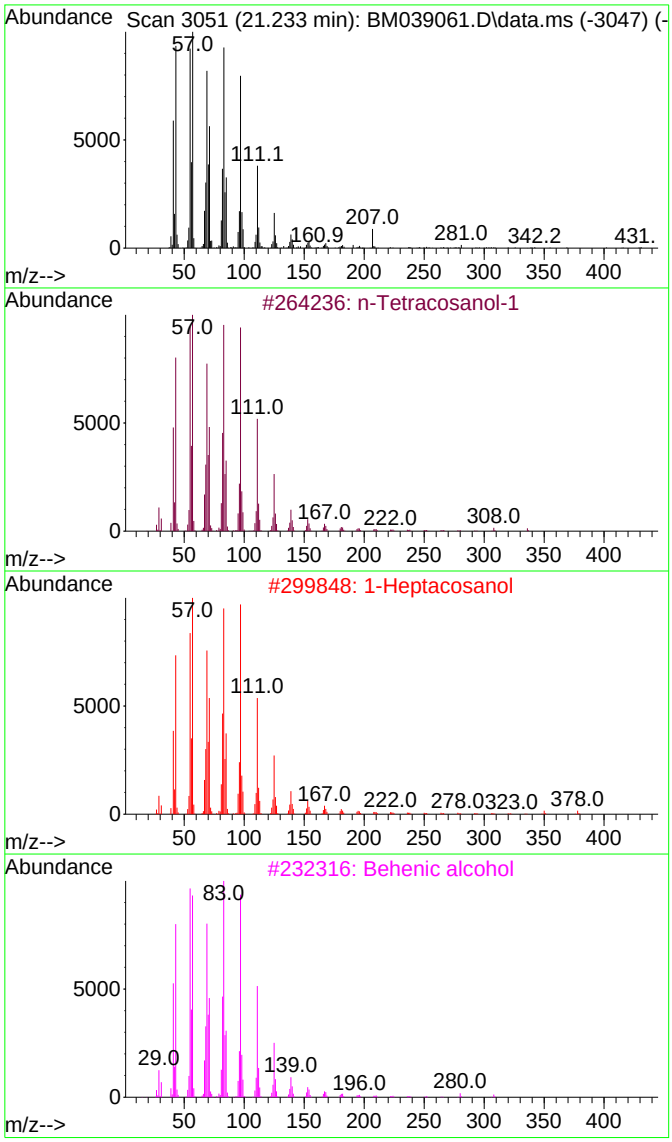
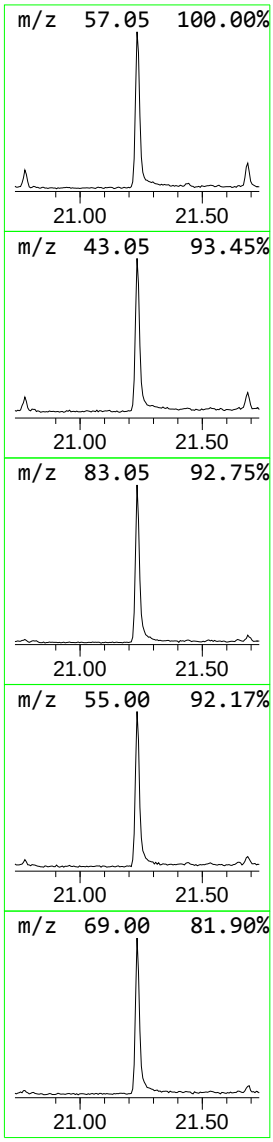
Peak Number 5 n-Tetracosanol-1 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.233	6.72 ng	1247680	Chrysene-d12	21.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	1-Heptacosanol	396	C27H56O	002004-39-9	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	1-Tetracosene	336	C24H48	010192-32-2	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	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-...	5.057	33.4	ng	3121890	1	7.969	1867110	20.0
Benzophenone	15.963	2.8	ng	395877	3	14.610	2859310	20.0
n-Hexadecanoic ...	18.245	5.5	ng	884604	4	17.351	3211600	20.0
n-Tetracosanol-1	21.233	6.7	ng	1247680	5	21.533	3713530	20.0