LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033679.D
Acq On : 07 Jan 2022 21:18
Operator : CG/JU
Sample : N1065-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AMI-1

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-BM010522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM033679.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.519	381	388	396	rBV	2570117	3667199	37.75%	8.170%
2	7.131	654	662	671	rBV	2460563	3877638	39.92%	8.638%
3	7.978	798	806	813	rVB	577205	940615	9.68%	2.095%
4	9.137	994	1003	1012	rBV	1574472	2589287	26.65%	5.768%
5	10.566	1240	1246	1257	rBV	207222	324337	3.34%	0.723%
6	10.789	1277	1284	1292	rVB	775251	1313166	13.52%	2.925%
7	13.242	1694	1701	1714	rBV	3831803	5752030	59.21%	12.814%
8	14.613	1927	1934	1945	rBV	1272613	1815179	18.68%	4.044%
9	16.095	2179	2186	2207	rBV	3352937	4951459	50.97%	11.031%
10	17.348	2393	2399	2411	rBV	1643996	2318401	23.86%	5.165%
11	18.242	2546	2551	2559	rBV	204459	291596	3.00%	0.650%
12	19.512	2763	2767	2776	rBV2	100558	152531	1.57%	0.340%
13	19.959	2837	2843	2849	rBV	7759712	9714730	100.00%	21.642%
14	21.224	3054	3058	3065	rBV	361580	490134	5.05%	1.092%
15	21.512	3102	3107	3112	rVB	2157596	2726540	28.07%	6.074%
16	22.142	3212	3214	3223	rVB4	109597	144764	1.49%	0.322%
17	22.647	3297	3300	3307	rVB	135943	190571	1.96%	0.425%
18	23.212	3393	3396	3402	rVB	184023	253680	2.61%	0.565%
19	23.853	3501	3505	3511	rVB	193645	342617	3.53%	0.763%
20	23.936	3512	3519	3529	rBV2	1345953	2657391	27.35%	5.920%
21	24.600	3627	3632	3640	rVB2	179787	374796	3.86%	0.835%

Sum of corrected areas: 44888661

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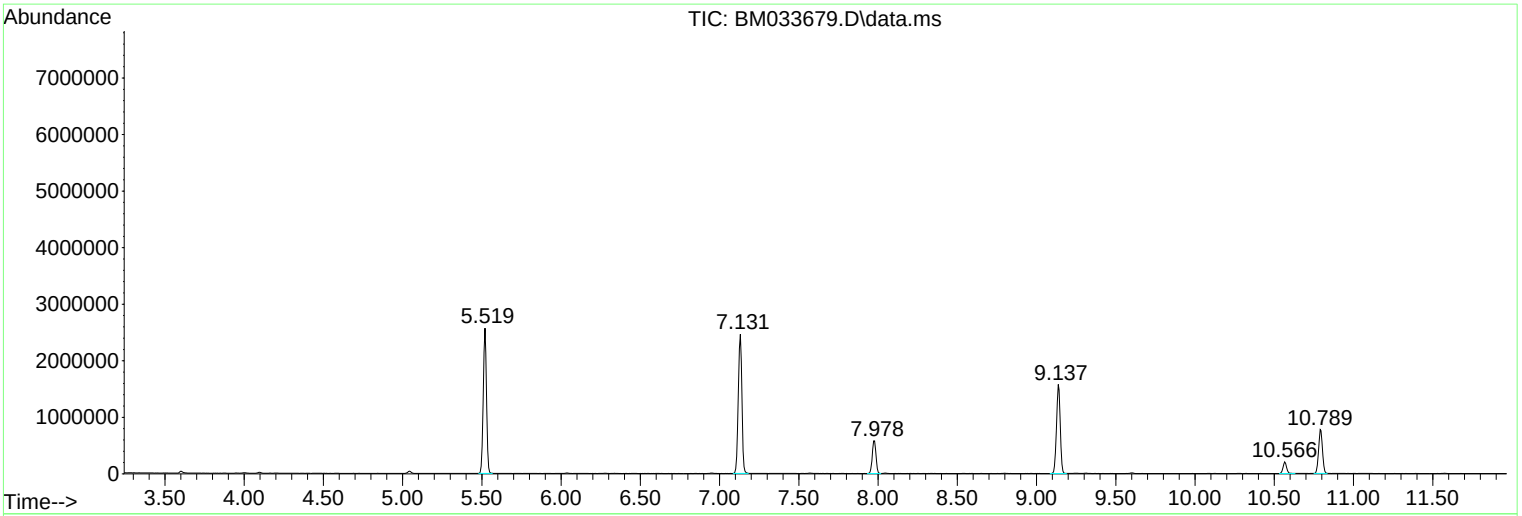
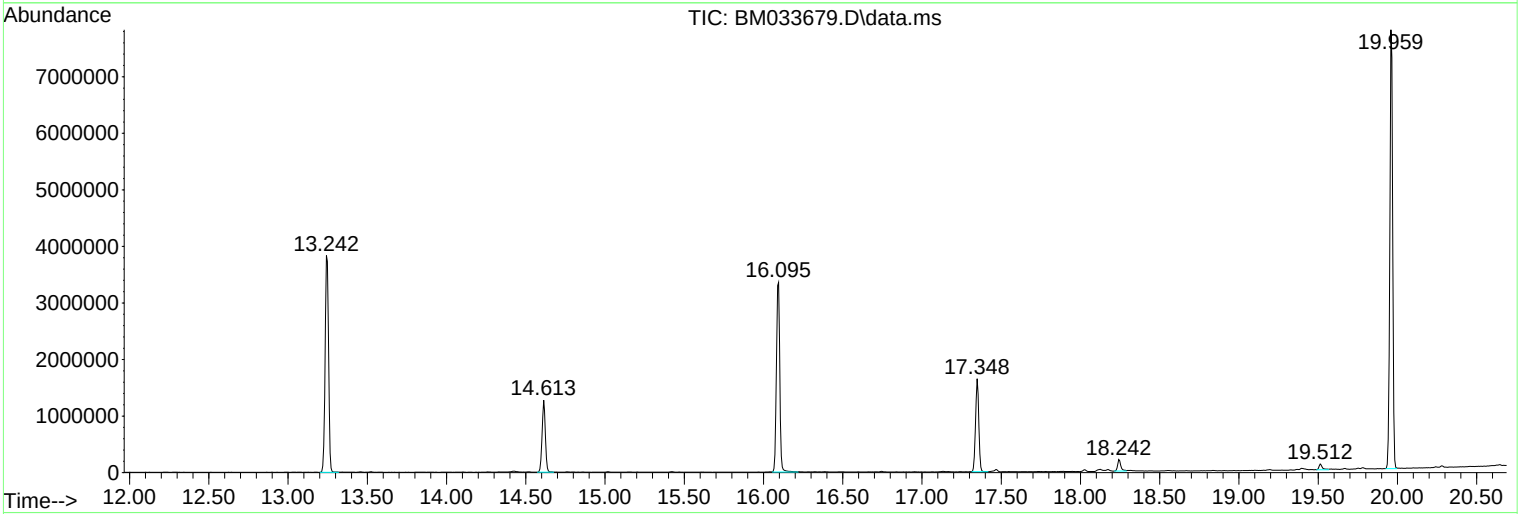
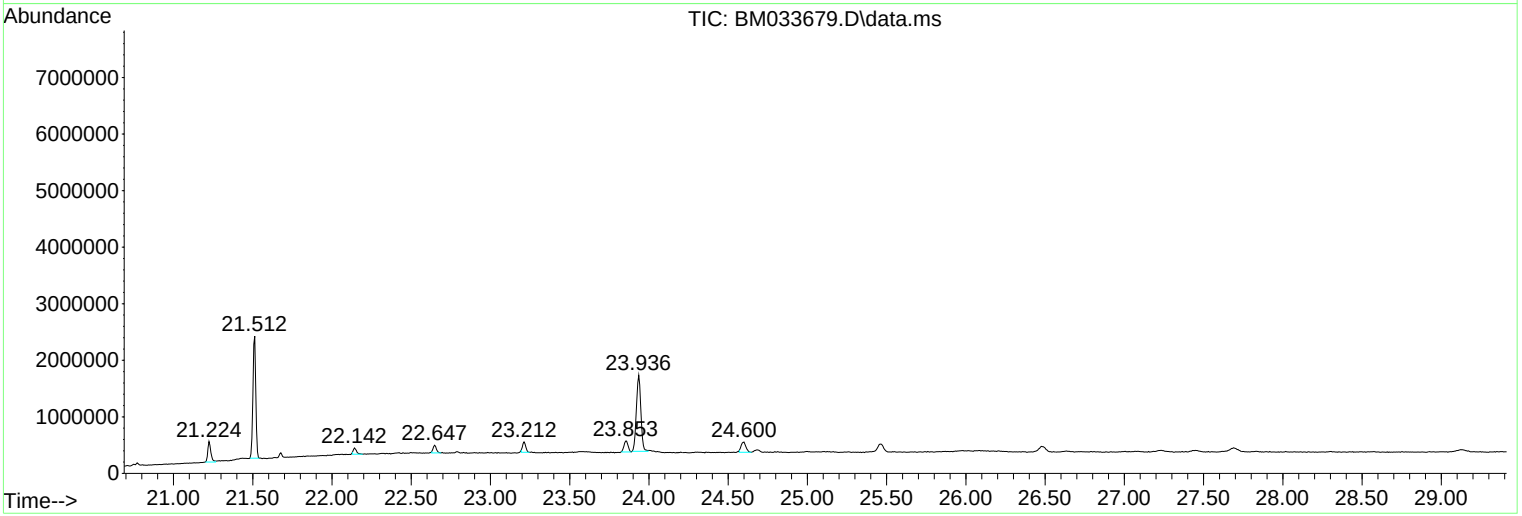
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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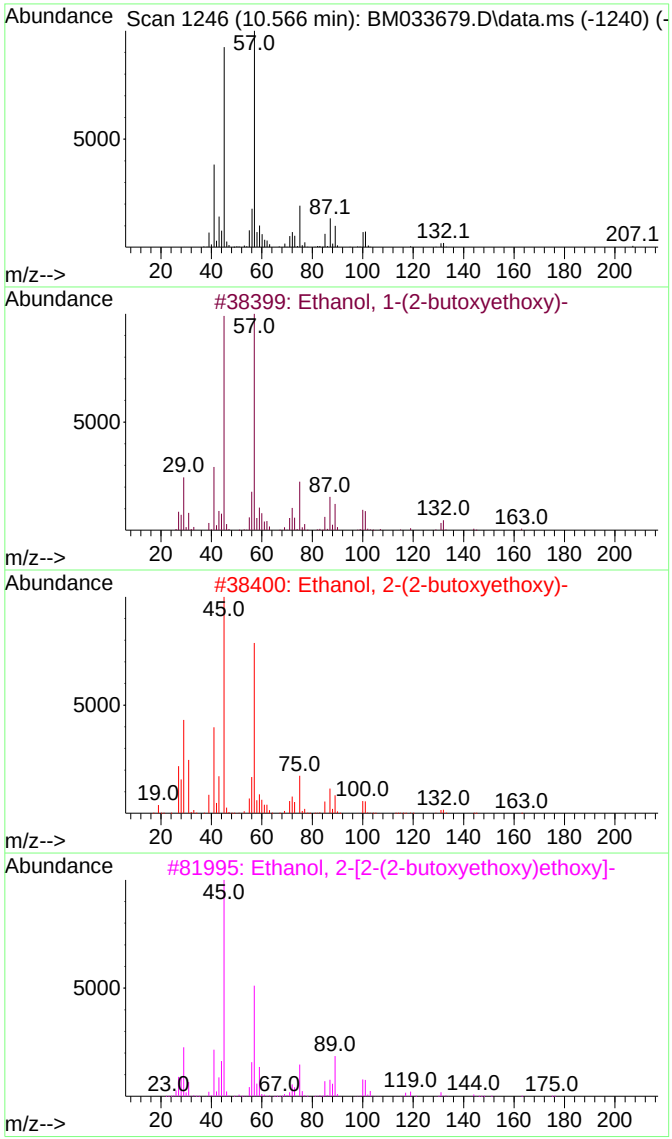
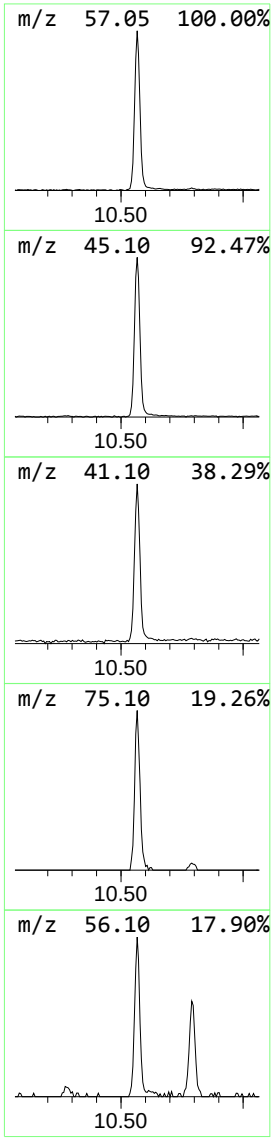
Peak Number 1 Ethanol, 1-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.566	4.94 ng	324337	Naphthalene-d8	10.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	64
4	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56





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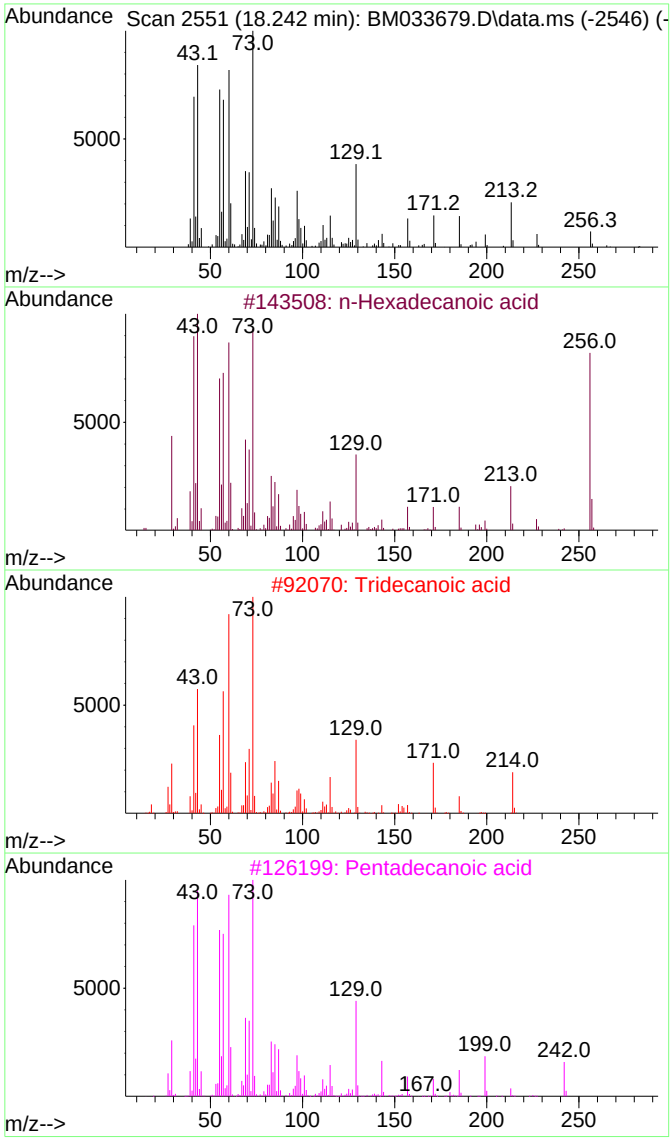
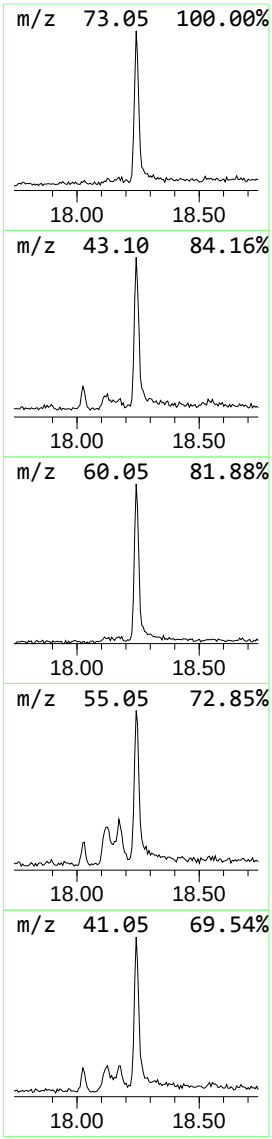
Peak Number 2 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	2.52 ng	291596	Phenanthrene-d10	17.348

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	89
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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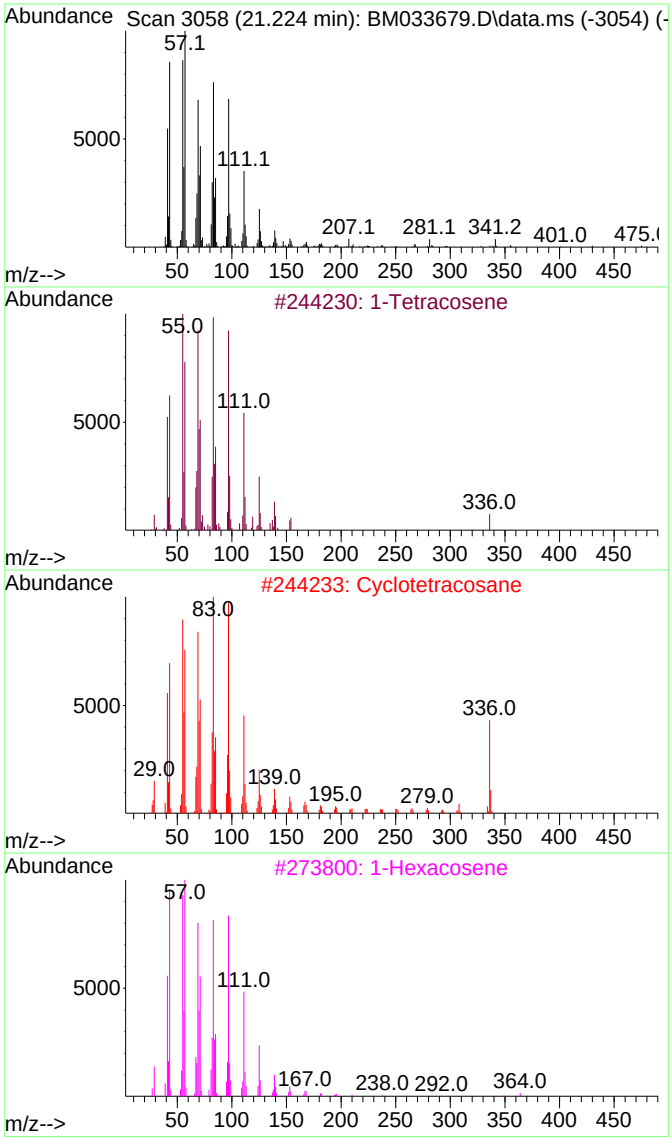
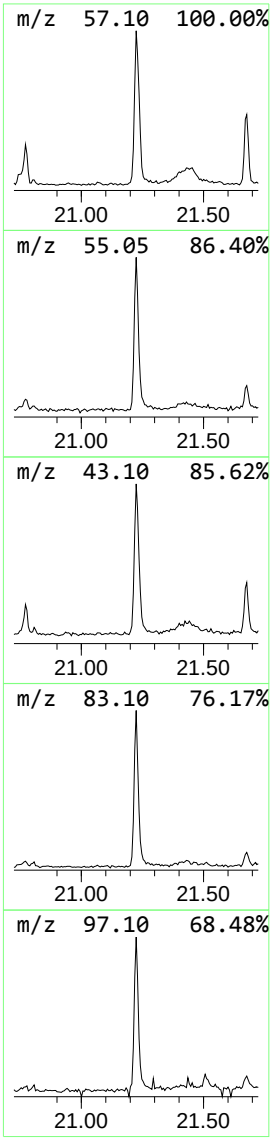
Peak Number 3 1-Tetracosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	3.60 ng	490134	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	Cyclotetracosane	336	C24H48	000297-03-0	95
3	1-Hexacosene	364	C26H52	018835-33-1	95
4	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
5	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	94





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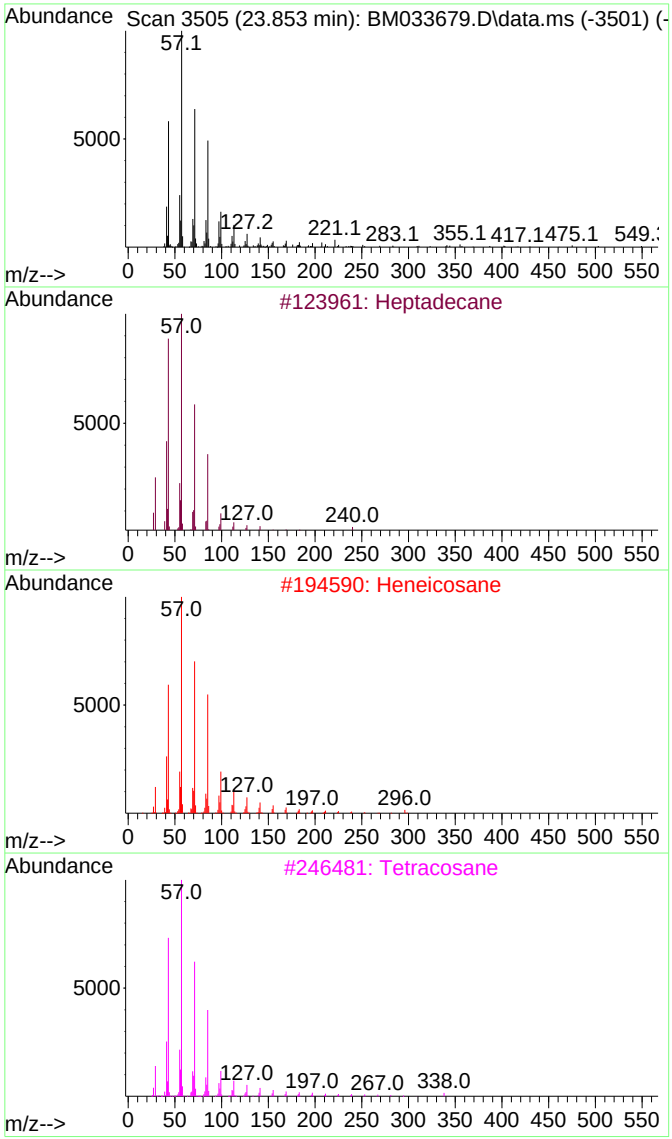
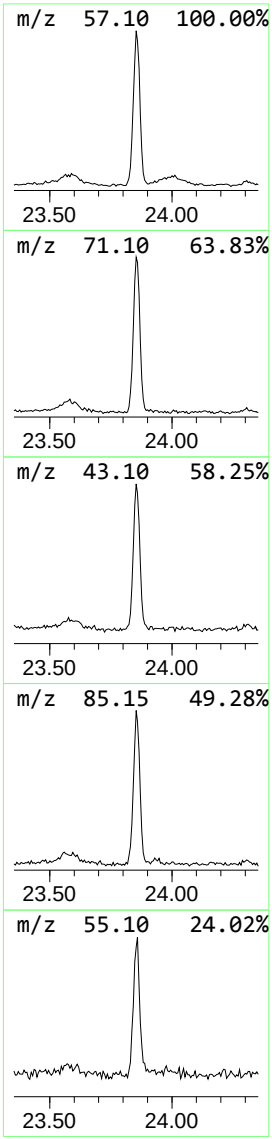
Peak Number 4 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.853	2.58 ng	342617	Perylene-d12	23.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
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TIC Library : C:\Database\NIST20.L
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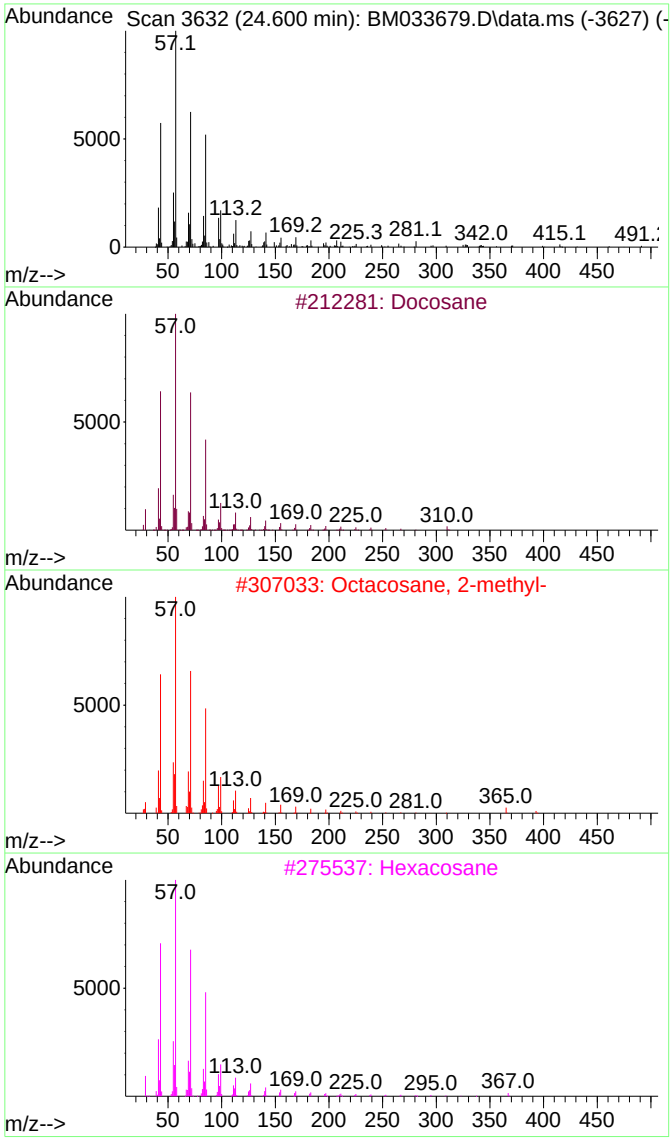
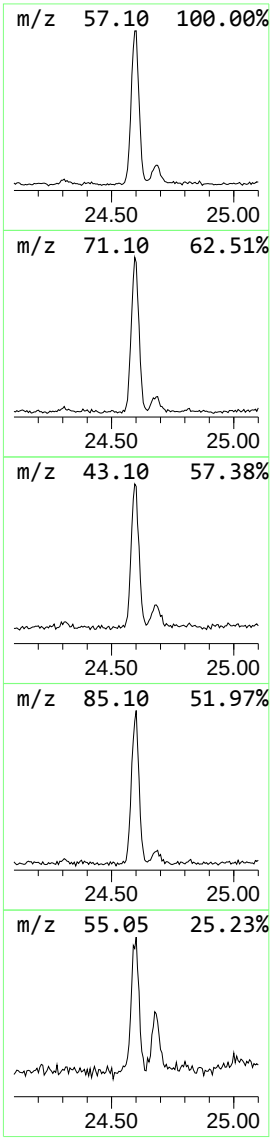
Peak Number 5 Docosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.600	2.82 ng	374796	Perylene-d12	23.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	90
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 1-(2-b...	10.566	4.9	ng	324337	2	10.789	1313170	20.0
n-Hexadecanoic ...	18.242	2.5	ng	291596	4	17.348	2318400	20.0
1-Tetracosene	21.224	3.6	ng	490134	5	21.512	2726540	20.0
Heptadecane	23.853	2.6	ng	342617	6	23.936	2657390	20.0
Docosane	24.600	2.8	ng	374796	6	23.936	2657390	20.0