LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033680.D
Acq On : 07 Jan 2022 21:54
Operator : CG/JU
Sample : N1065-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AMI-3

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: BM033680.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	397	rBV	2294070	3300549	39.36%	7.943%
2	7.131	654	662	673	rBV	2221157	3497915	41.71%	8.418%
3	7.972	798	805	813	rBV	553040	897429	10.70%	2.160%
4	9.137	994	1003	1011	rBV	1446751	2295002	27.37%	5.523%
5	10.566	1237	1246	1255	rBV	183739	285433	3.40%	0.687%
6	10.789	1277	1284	1294	rBV	757396	1286195	15.34%	3.095%
7	13.242	1694	1701	1711	rBV	3451566	5123829	61.10%	12.331%
8	14.613	1927	1934	1944	rBV	1223989	1780223	21.23%	4.284%
9	16.089	2178	2185	2197	rBV	2966241	4357356	51.96%	10.487%
10	17.348	2389	2399	2405	rBV	1626991	2270053	27.07%	5.463%
11	18.242	2546	2551	2561	rBV2	233589	342840	4.09%	0.825%
12	19.395	2743	2747	2755	rVB	79326	116938	1.39%	0.281%
13	19.512	2763	2767	2776	rBV2	96247	140948	1.68%	0.339%
14	19.959	2837	2843	2849	rBV	6676903	8385553	100.00%	20.181%
15	21.224	3054	3058	3066	rBV	507174	659142	7.86%	1.586%
16	21.512	3101	3107	3117	rBV	2130562	2773421	33.07%	6.675%
17	22.147	3211	3215	3220	rBV3	125973	209215	2.49%	0.504%
18	23.212	3392	3396	3400	rBV	215118	307691	3.67%	0.741%
19	23.853	3501	3505	3511	rVB	195093	330369	3.94%	0.795%
20	23.936	3512	3519	3532	rVB2	1271213	2654232	31.65%	6.388%
21	24.600	3627	3632	3639	rVB	264316	537225	6.41%	1.293%

Sum of corrected areas: 41551558

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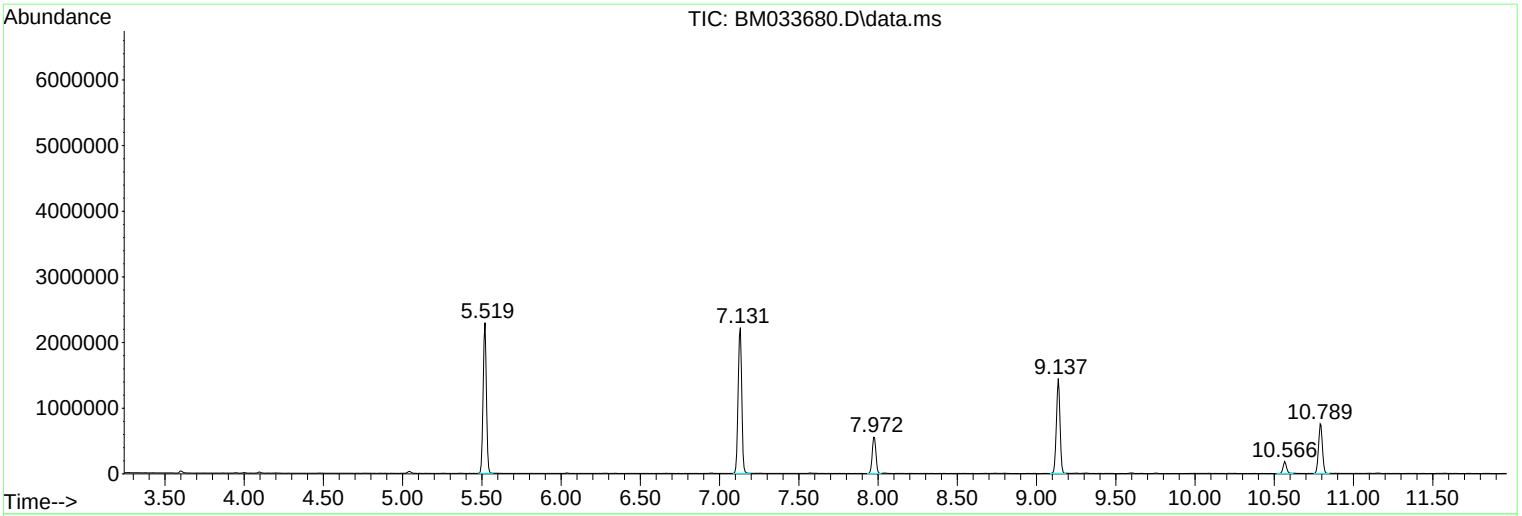
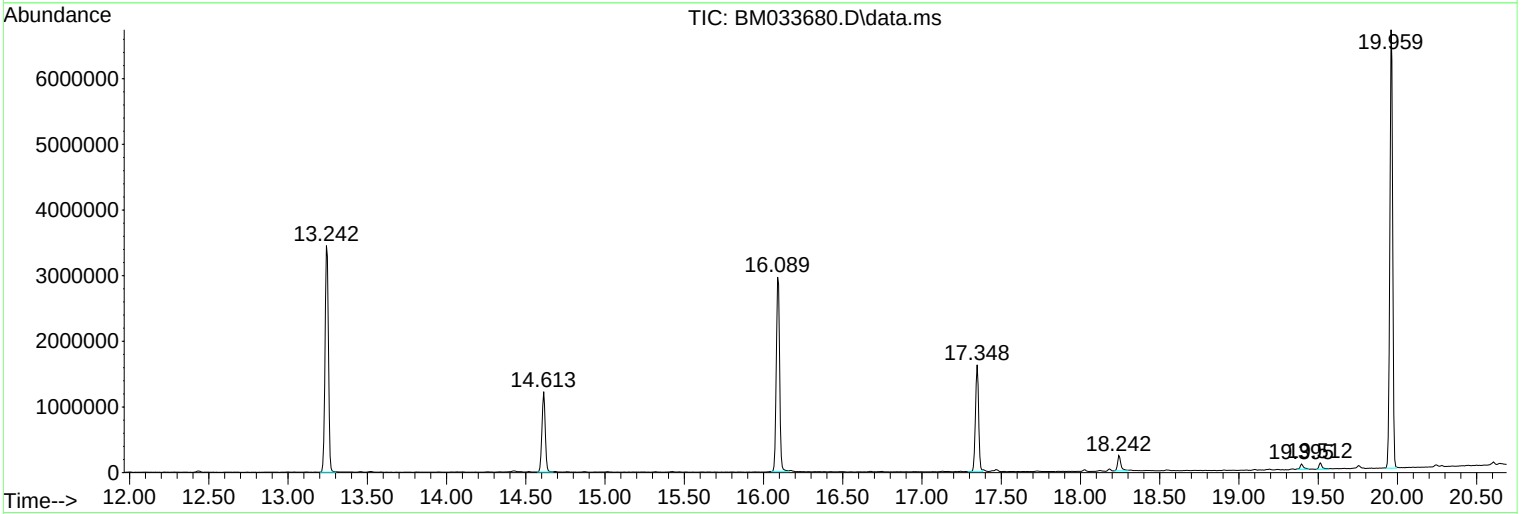
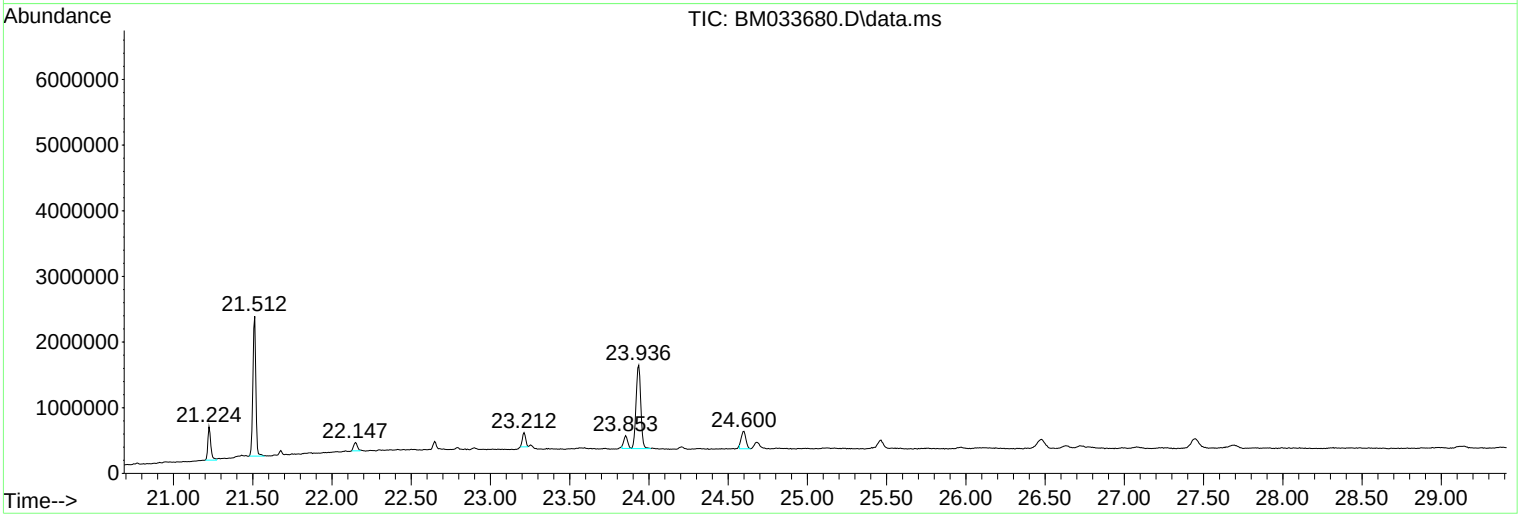
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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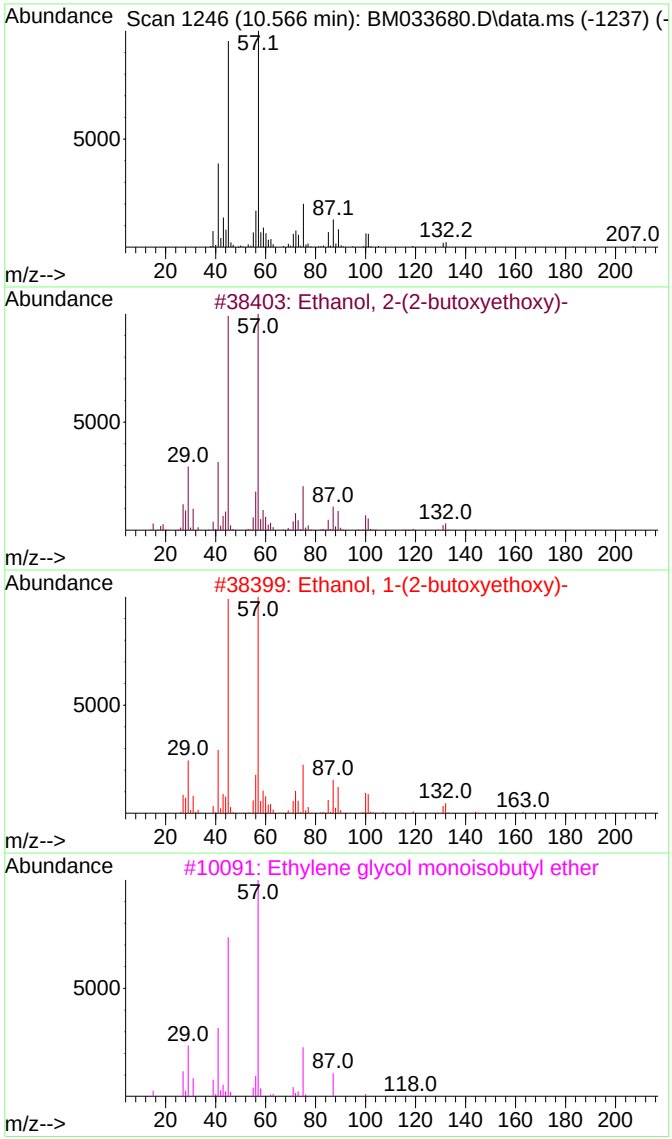
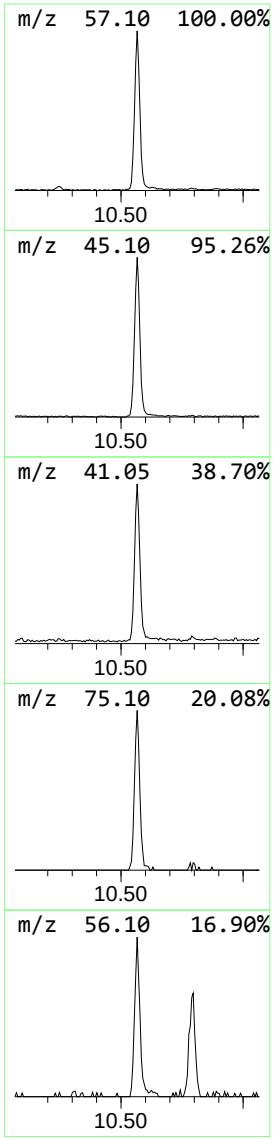
****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.566	4.44 ng	285433	Naphthalene-d8	10.789

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	Methoxyacetic acid, butyl ester	146	C7H14O3	017640-22-1	53





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
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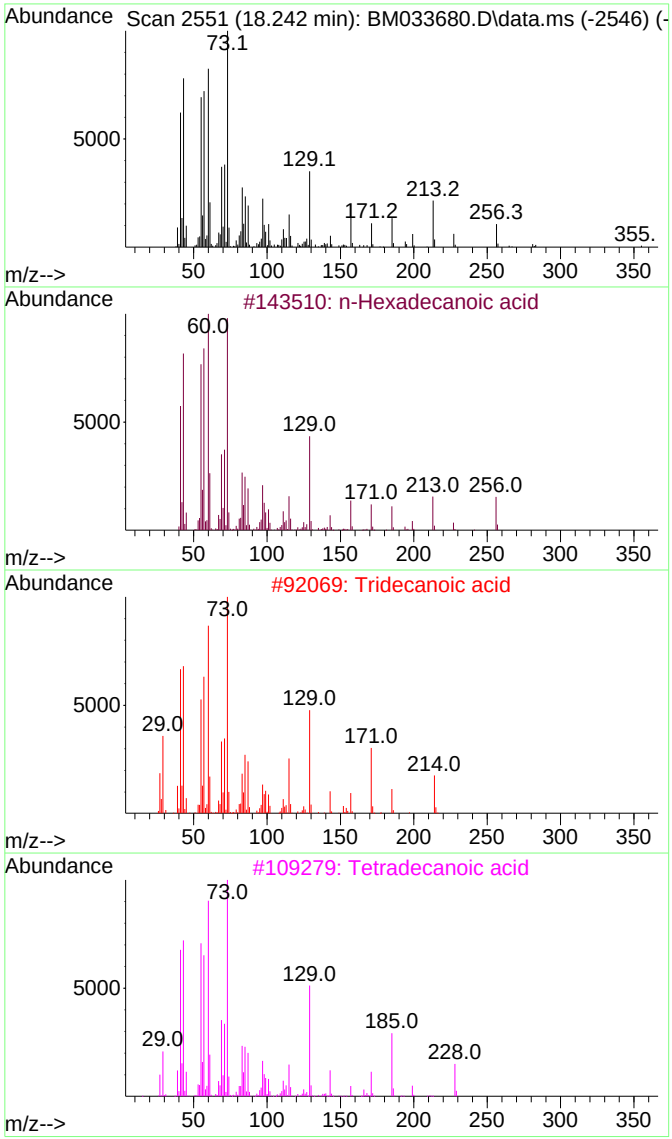
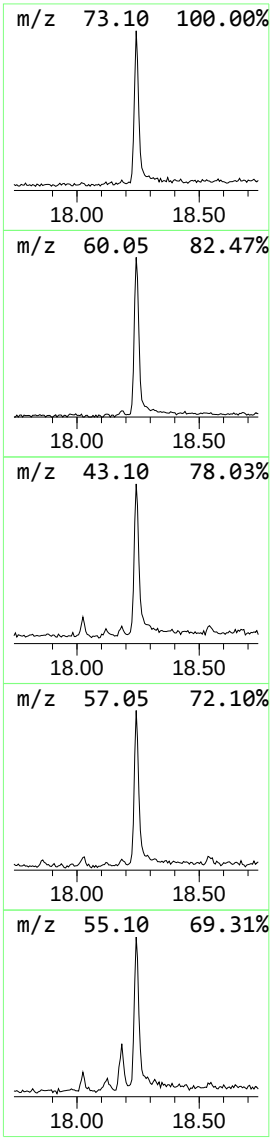
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	3.02 ng	342840	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	95
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





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Instrument :
BNA_M
ClientSampleId :
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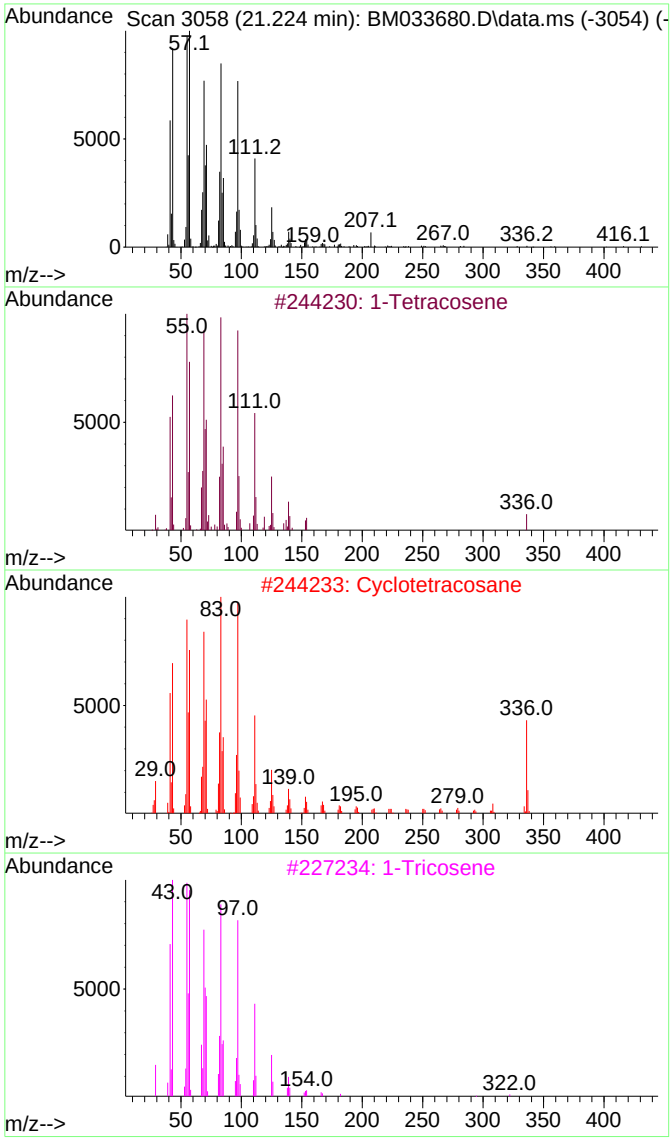
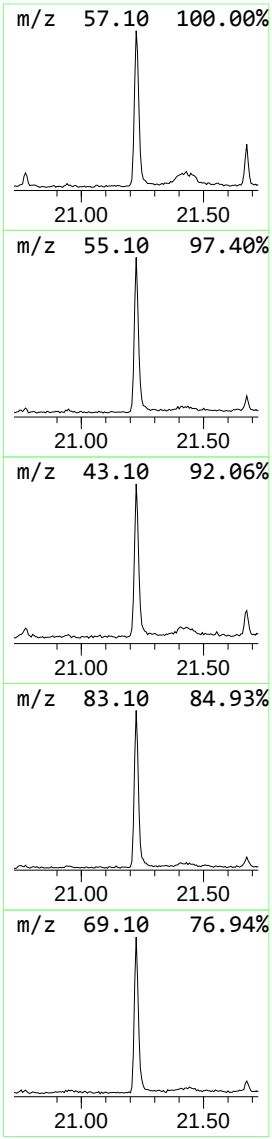
Peak Number 3 1-Tetracosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	4.75 ng	659142	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	98
3	1-Tricosene	322	C23H46	018835-32-0	94
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
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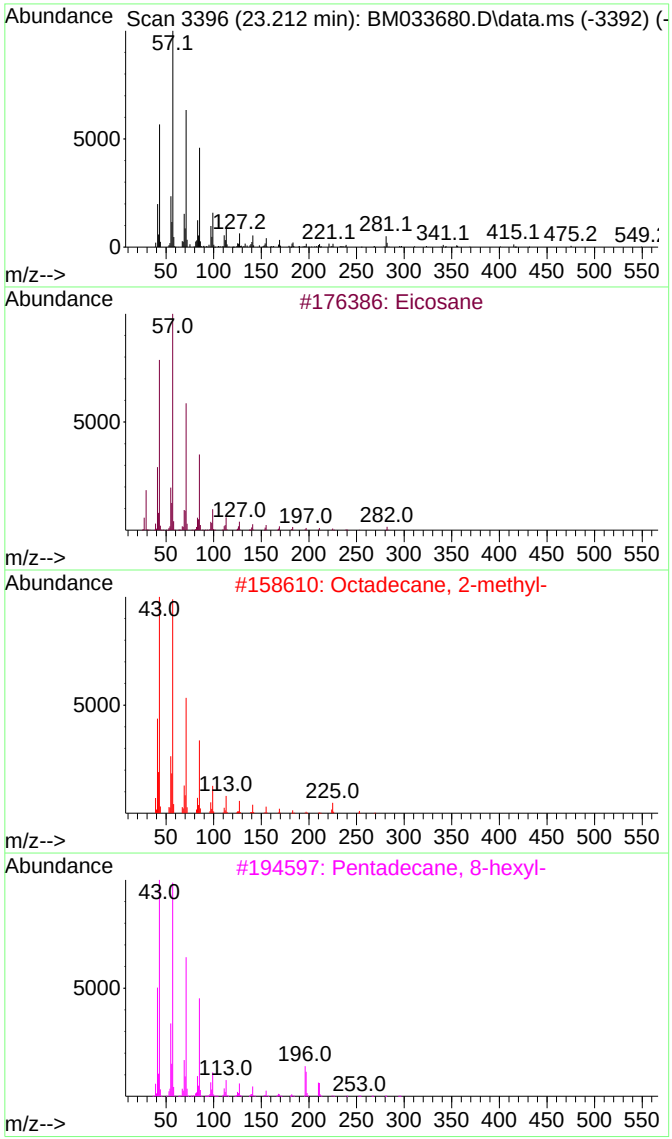
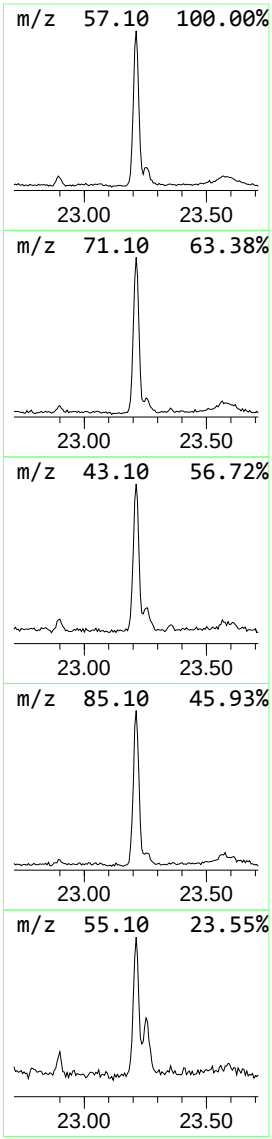
Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.212	2.32 ng	307691	Perylene-d12	23.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AMI-3

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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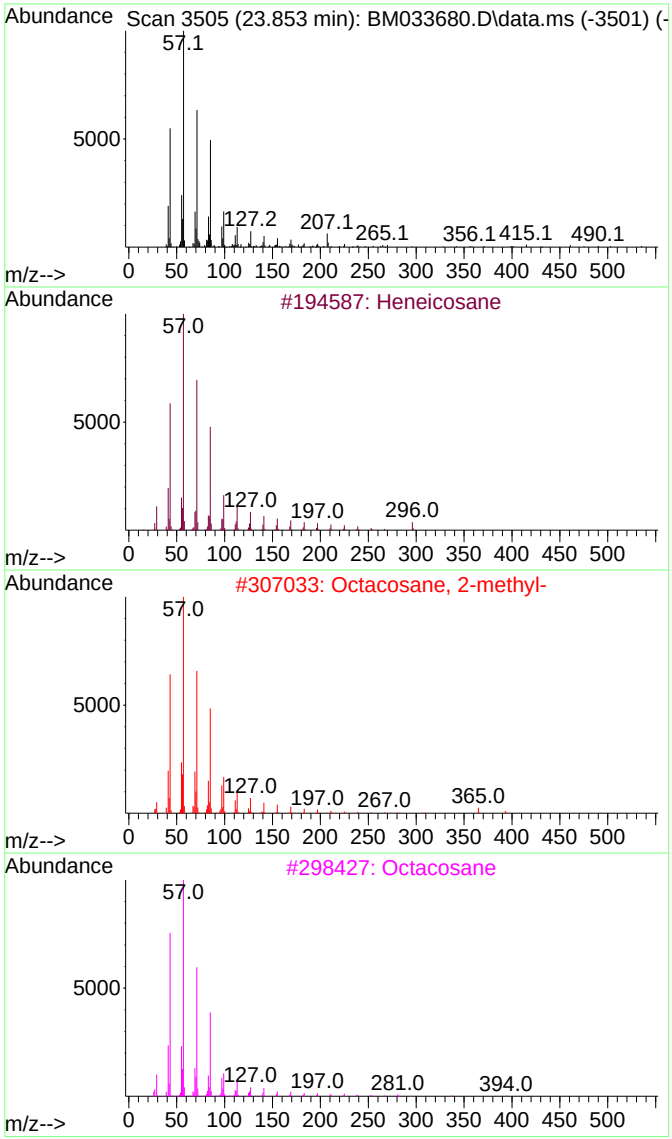
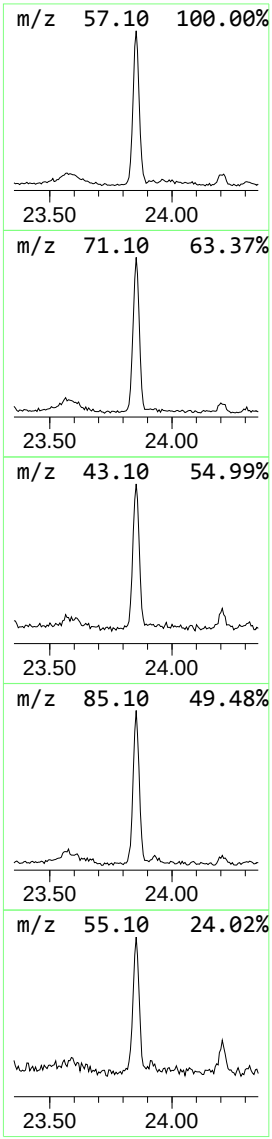
Peak Number 5 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.853	2.49 ng	330369	Perylene-d12	23.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90





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

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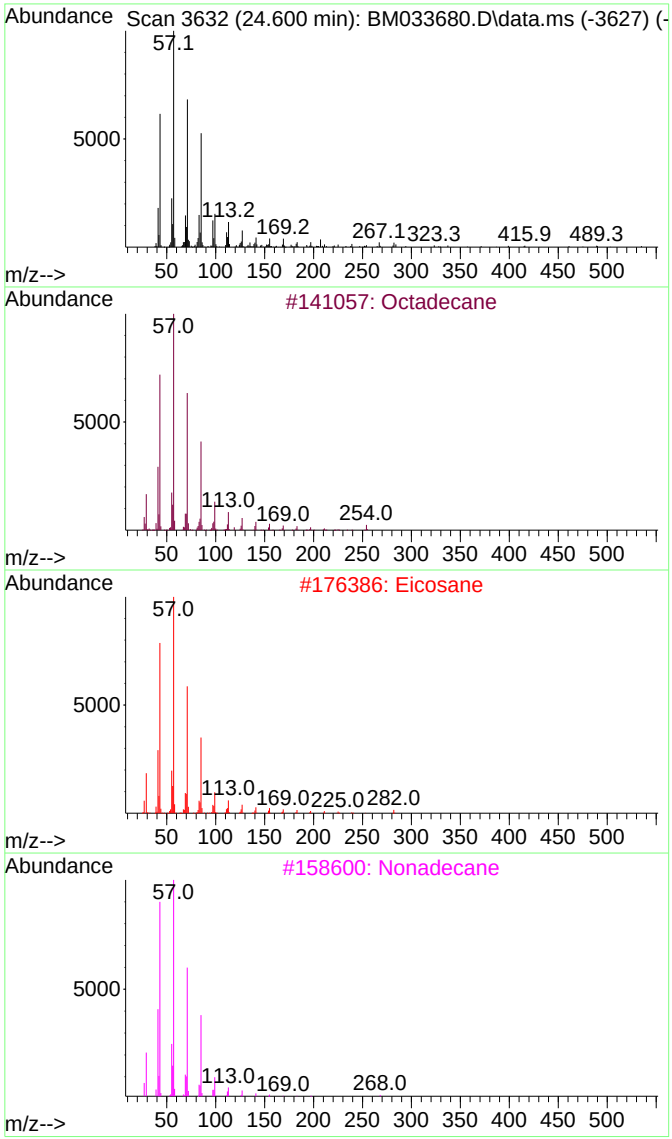
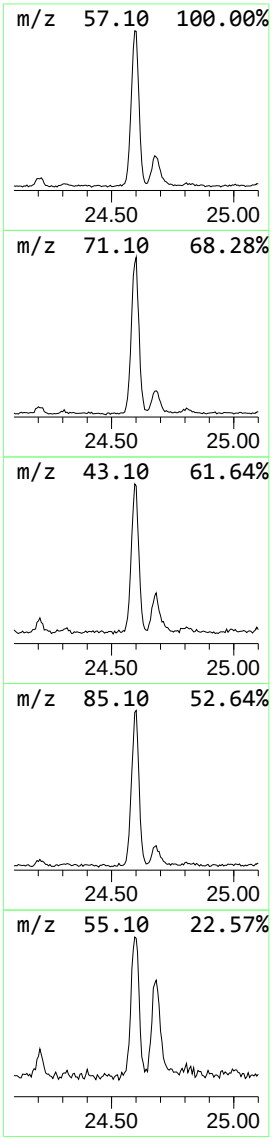
Peak Number 6 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.600	4.05 ng	537225	Perylene-d12	23.936

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Eicosane	282	C20H42	000112-95-8	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Heneicosane	296	C21H44	000629-94-7	90
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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, 2-(2-b...	10.566	4.4	ng	285433	2	10.789	1286200	20.0
n-Hexadecanoic ...	18.242	3.0	ng	342840	4	17.348	2270050	20.0
1-Tetracosene	21.224	4.8	ng	659142	5	21.512	2773420	20.0
Eicosane	23.212	2.3	ng	307691	6	23.936	2654230	20.0
Heneicosane	23.853	2.5	ng	330369	6	23.936	2654230	20.0
Octadecane	24.600	4.0	ng	537225	6	23.936	2654230	20.0