LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM010722\
Data File : BM033678.D
Acq On : 07 Jan 2022 20:42
Operator : CG/JU
Sample : N1065-42
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
AMI-11

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: BM033678.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	rVB	2351896	3337688	39.73%	8.010%
2	7.131	653	662	674	rBV	2224206	3490931	41.55%	8.378%
3	7.978	797	806	812	rBV	599947	938965	11.18%	2.253%
4	9.136	995	1003	1010	rBV	1428697	2320006	27.61%	5.568%
5	10.566	1239	1246	1255	rBV	109152	173619	2.07%	0.417%
6	10.795	1277	1285	1292	rBV	788975	1322084	15.74%	3.173%
7	13.248	1694	1702	1712	rBV	3465682	5179198	61.65%	12.430%
8	14.612	1927	1934	1946	rBV	1239448	1795504	21.37%	4.309%
9	16.095	2179	2186	2204	rBV	2933000	4296038	51.14%	10.310%
10	17.348	2393	2399	2410	rBV	1611529	2279992	27.14%	5.472%
11	18.242	2546	2551	2561	rBV	171356	252174	3.00%	0.605%
12	19.395	2744	2747	2754	rVB	73036	97853	1.16%	0.235%
13	19.512	2763	2767	2772	rBV	90602	119956	1.43%	0.288%
14	19.965	2838	2844	2849	rBV	6551178	8401254	100.00%	20.163%
15	20.442	2921	2925	2930	rVB2	89637	116061	1.38%	0.279%
16	20.606	2950	2953	2956	rBV3	72312	84085	1.00%	0.202%
17	21.224	3054	3058	3064	rBV	415494	546642	6.51%	1.312%
18	21.512	3102	3107	3112	rBV	2163202	2704474	32.19%	6.491%
19	22.147	3212	3215	3224	rVB4	129778	206761	2.46%	0.496%
20	22.547	3280	3283	3289	rVB	243849	324667	3.86%	0.779%
21	22.647	3298	3300	3307	rVB	120473	143865	1.71%	0.345%
22	23.212	3393	3396	3401	rVB	176408	237974	2.83%	0.571%
23	23.853	3502	3505	3511	rVB	186819	308341	3.67%	0.740%
24	23.935	3512	3519	3528	rVB2	1255972	2589237	30.82%	6.214%
25	24.594	3628	3631	3639	rVB	207541	400009	4.76%	0.960%

Sum of corrected areas: 41667378

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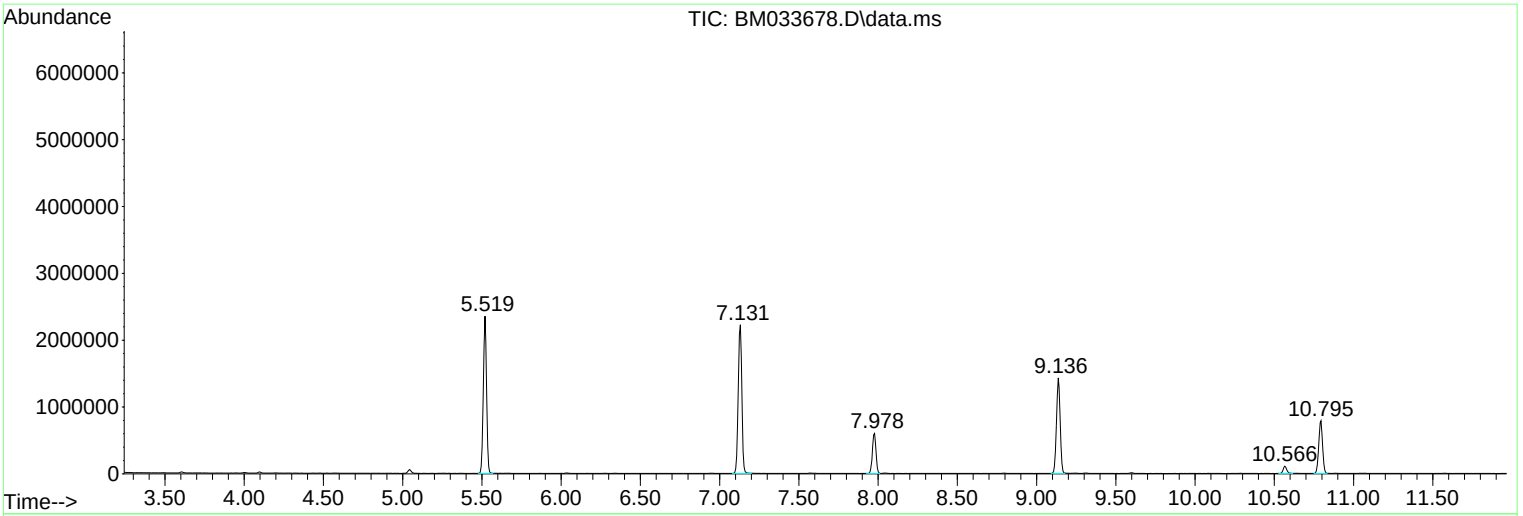
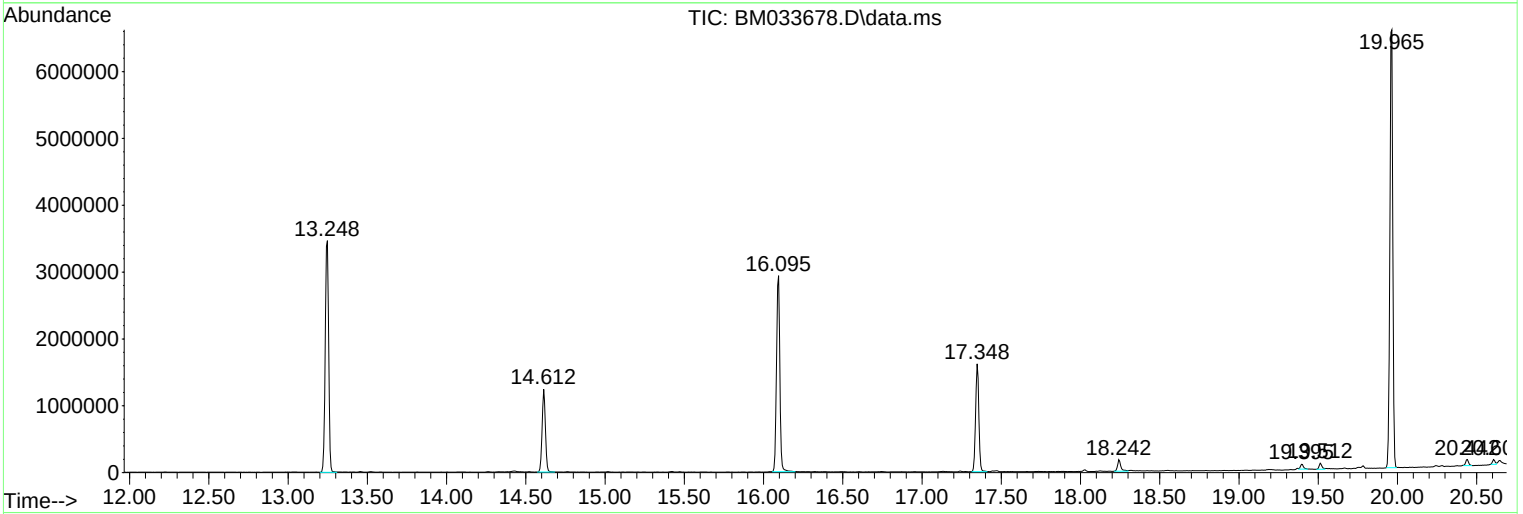
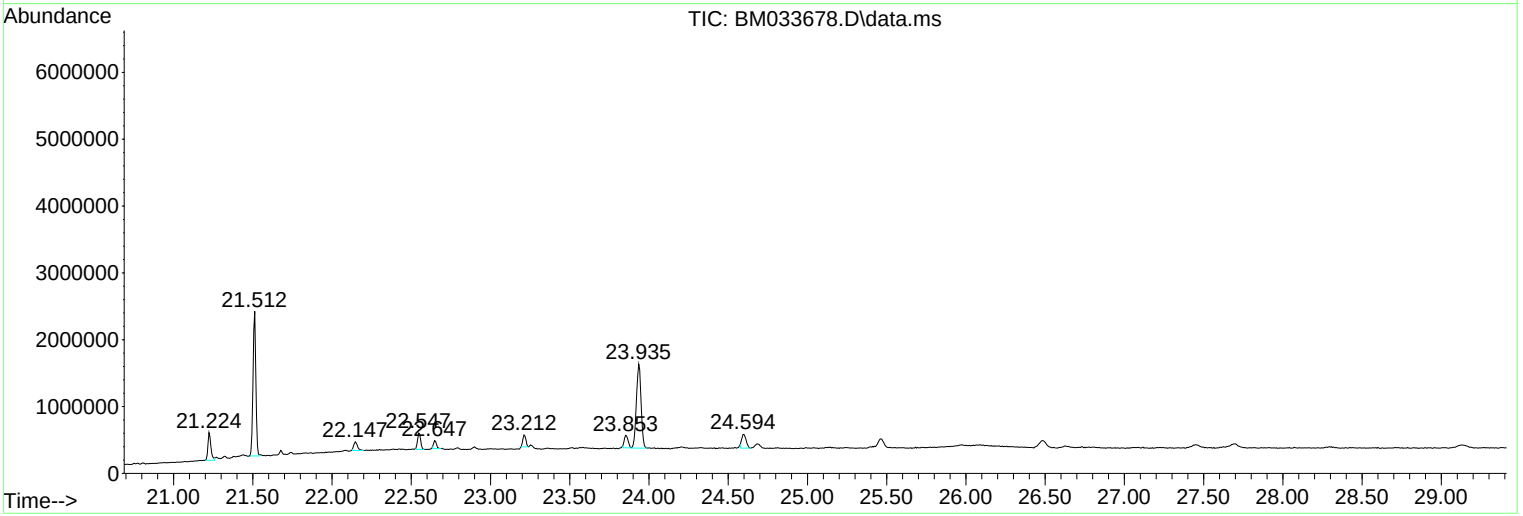
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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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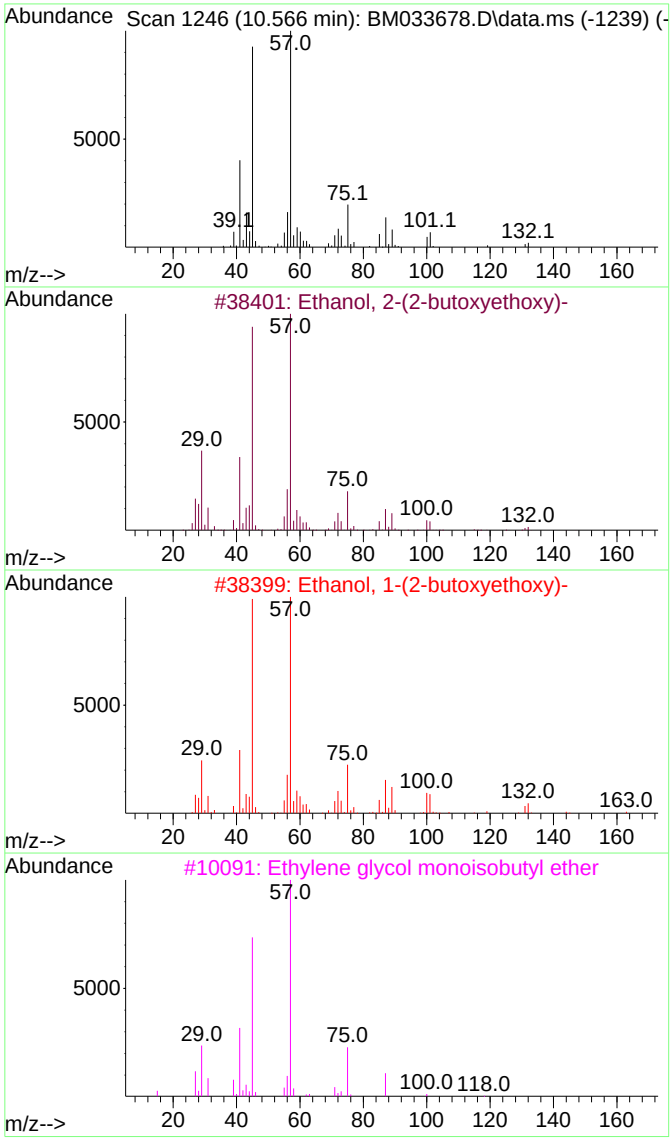
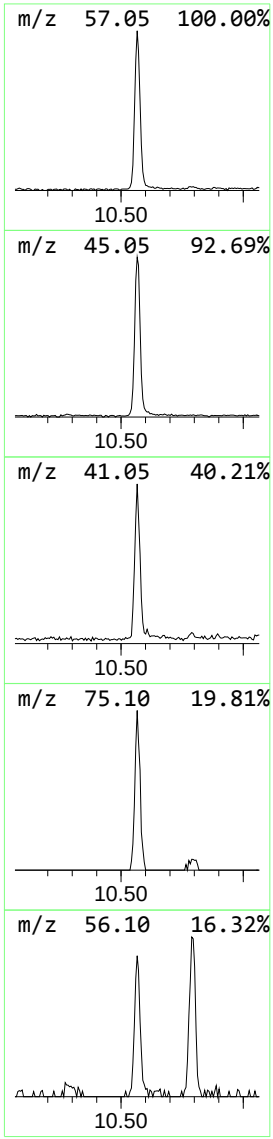
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.566	2.63 ng	173619	Naphthalene-d8	10.795

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	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50





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Misc :
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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
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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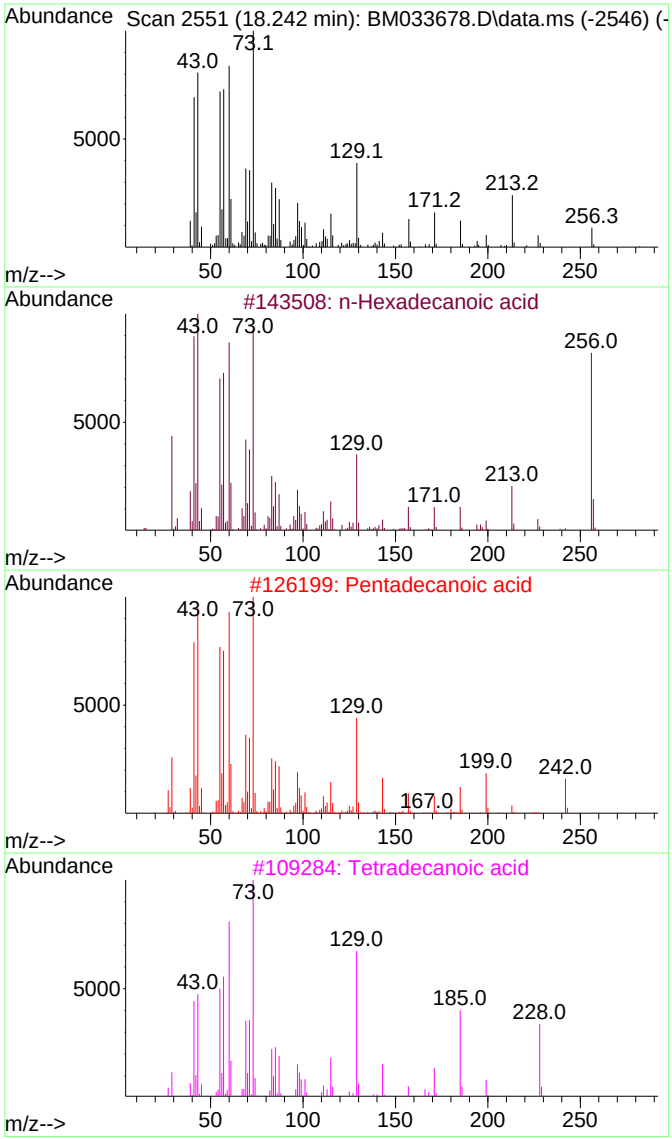
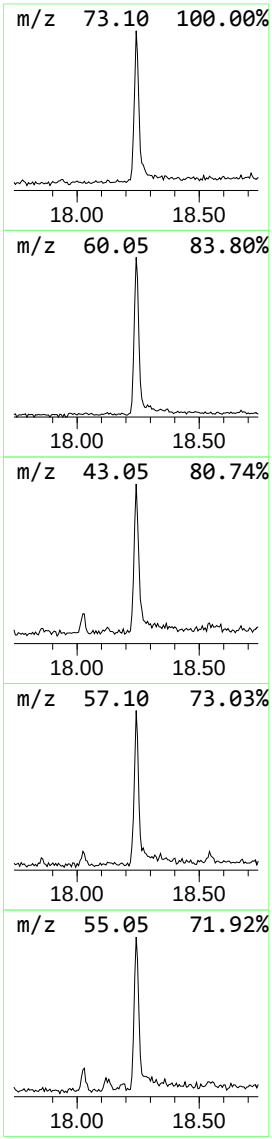
Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.242	2.21 ng	252174	Phenanthrene-d10	17.348

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	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Instrument :
BNA_M
ClientSampleId :
AMI-11

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
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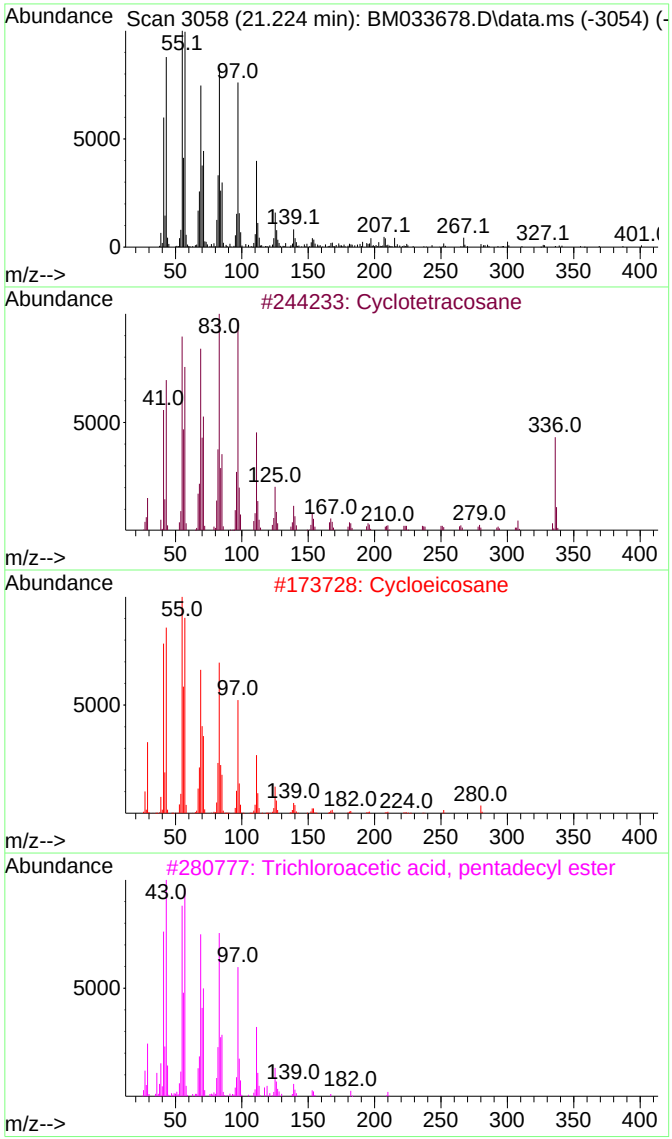
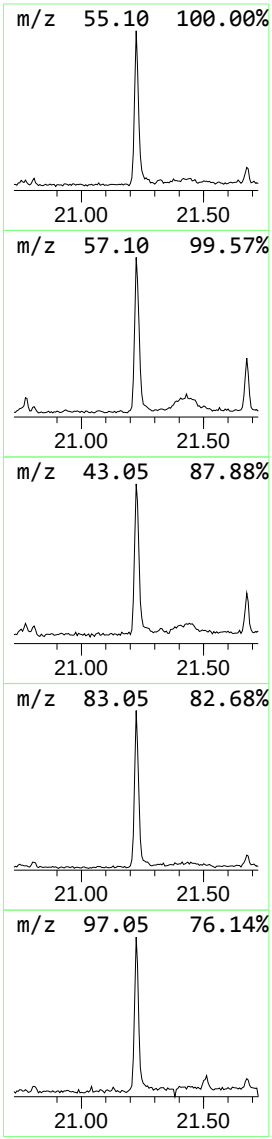
Peak Number 3 Cyclotetracosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.224	4.04 ng	546642	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	97
2	Cycloeicosane	280	C20H40	000296-56-0	97
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94





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BNA_M
ClientSampleId :
AMI-11

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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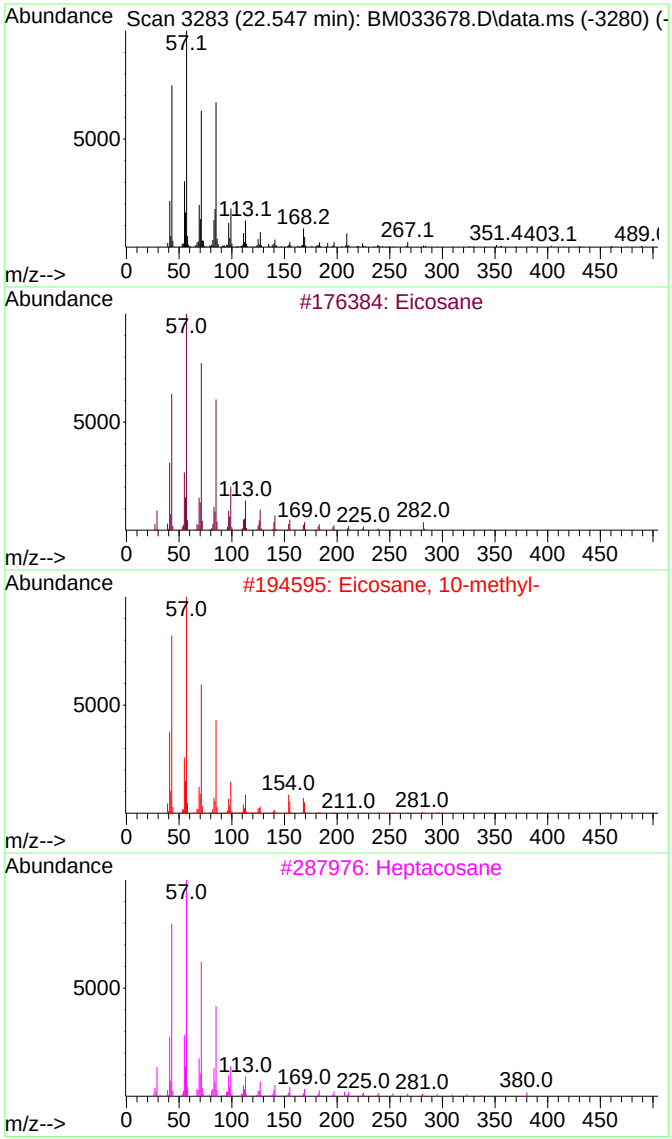
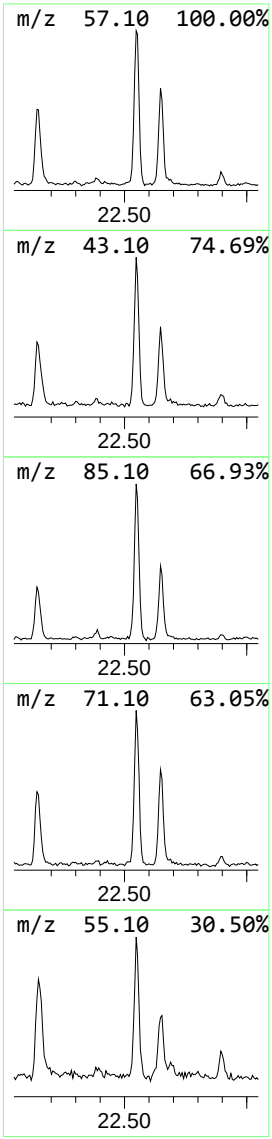
Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.547	2.40 ng	324667	Chrysene-d12	21.512

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
3	Heptacosane	380	C27H56	000593-49-7	86
4	10-Methylnonadecane	282	C20H42	056862-62-5	80
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72





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Misc :
ALS Vial : 13 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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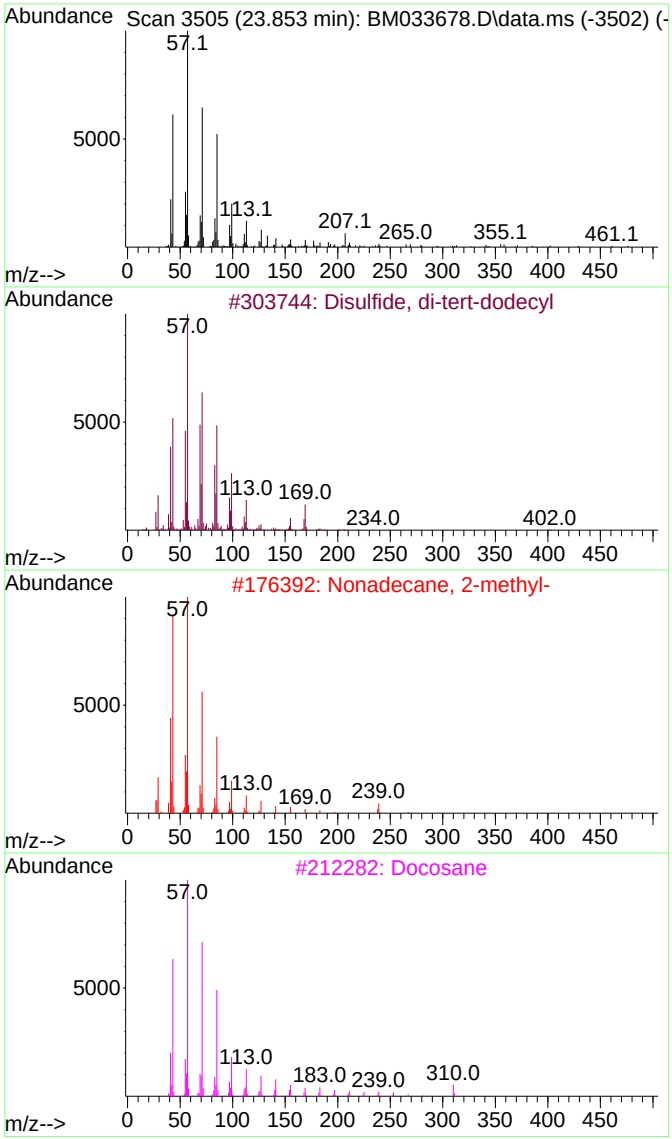
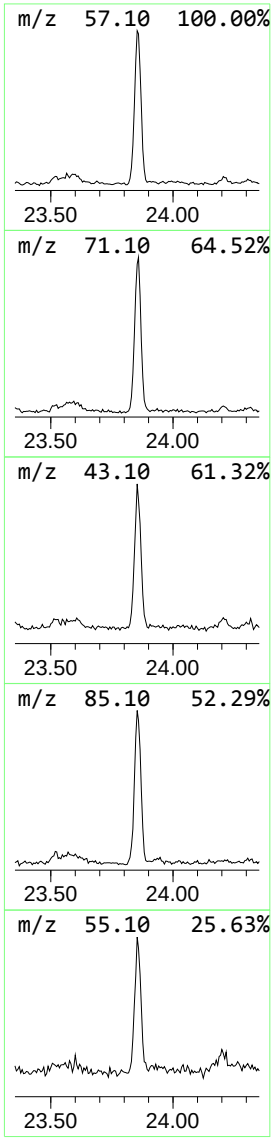
Peak Number 5 Disulfide, di-tert-dodecyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.853	2.38 ng	308341	Perylene-d12	23.935

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	90
2	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87
3	Docosane	310	C22H46	000629-97-0	87
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5	Docosane, 1-iodo-	436	C22H45I	1000406-31-9	87





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TIC Library : C:\Database\NIST20.L
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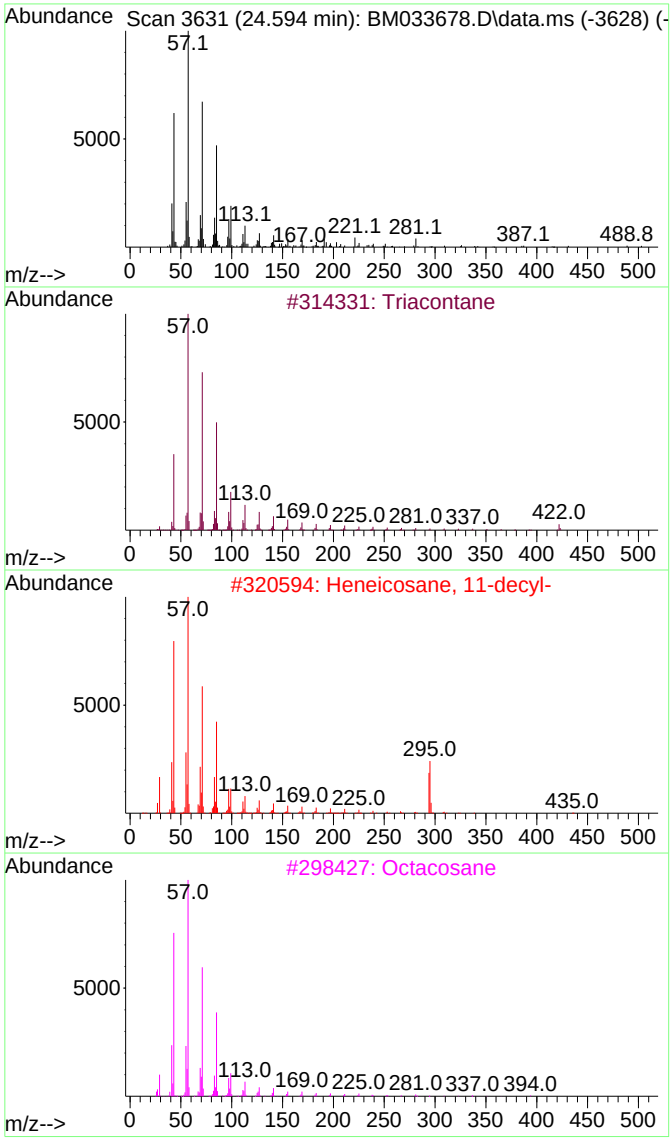
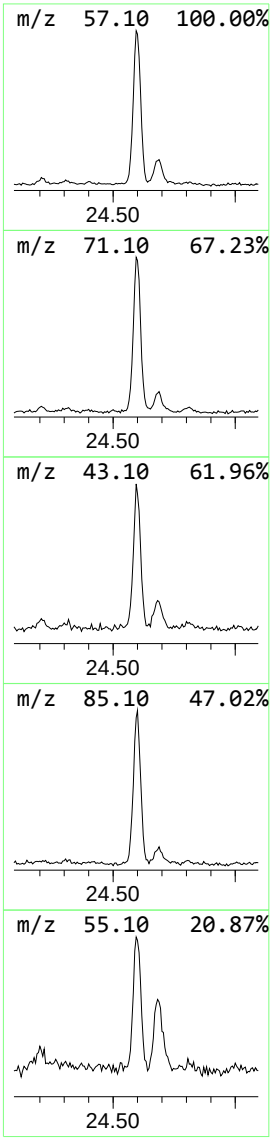
Peak Number 6 Triacontane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.594	3.09 ng	400009	Perylene-d12	23.935

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacontane	422	C30H62	000638-68-6	90
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Tetratetracontane	619	C44H90	007098-22-8	87





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	2.6	ng	173619	2	10.795	1322080	20.0
n-Hexadecanoic ...	18.242	2.2	ng	252174	4	17.348	2279990	20.0
Cyclotetracosane	21.224	4.0	ng	546642	5	21.512	2704470	20.0
Eicosane	22.547	2.4	ng	324667	5	21.512	2704470	20.0
Disulfide, di-t...	23.853	2.4	ng	308341	6	23.935	2589240	20.0
Triacontane	24.594	3.1	ng	400009	6	23.935	2589240	20.0