LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
Data File : BG055212.D
Acq On : 19 Oct 2022 19:13
Operator : CG/JU
Sample : PB148386BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148386BL

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_G\Methods\8270-BG101922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.809	422	429	439	rBV	802091	1254142	35.73%	7.841%
2	7.425	695	704	719	rBV	792882	1373759	39.14%	8.589%
3	8.288	843	851	860	rBV	147889	252659	7.20%	1.580%
4	9.458	1042	1050	1068	rBV	451254	820443	23.38%	5.130%
5	11.120	1325	1333	1341	rBV	218922	395348	11.26%	2.472%
6	13.529	1736	1743	1754	rBV	1305786	1961485	55.89%	12.264%
7	14.898	1968	1976	1983	rBV	408922	605714	17.26%	3.787%
8	16.373	2220	2227	2244	rBV	1002958	1576845	44.93%	9.859%
9	17.630	2434	2441	2451	rBV	559355	829679	23.64%	5.187%
10	19.881	2820	2824	2830	rVB	37252	41090	1.17%	0.257%
11	20.210	2873	2880	2885	rBV	2705503	3509812	100.00%	21.945%
12	21.044	3016	3022	3035	rVB9	12397	51062	1.45%	0.319%
13	21.914	3163	3170	3179	rBV	528338	863740	24.61%	5.400%
14	22.718	3303	3307	3312	rVB2	23635	37169	1.06%	0.232%
15	23.453	3426	3432	3439	rBV3	53388	104105	2.97%	0.651%
16	24.311	3571	3578	3589	rVB	86559	214024	6.10%	1.338%
17	25.321	3739	3750	3765	rVB2	402905	1166776	33.24%	7.295%
18	26.526	3946	3955	3966	rVB2	106065	320770	9.14%	2.006%
19	27.983	4192	4203	4217	rVB	104125	373696	10.65%	2.336%
20	29.734	4490	4501	4502	rBV	67903	155346	4.43%	0.971%
21	31.861	4854	4863	4864	rBV3	42439	86357	2.46%	0.540%

Sum of corrected areas: 15994021

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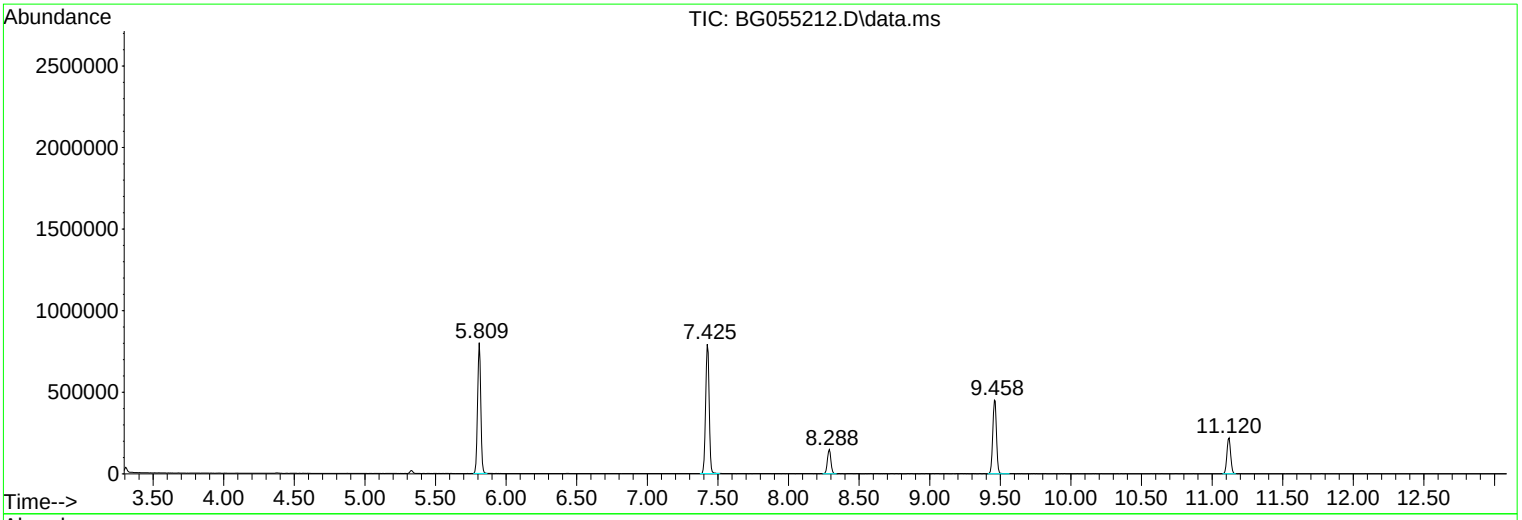
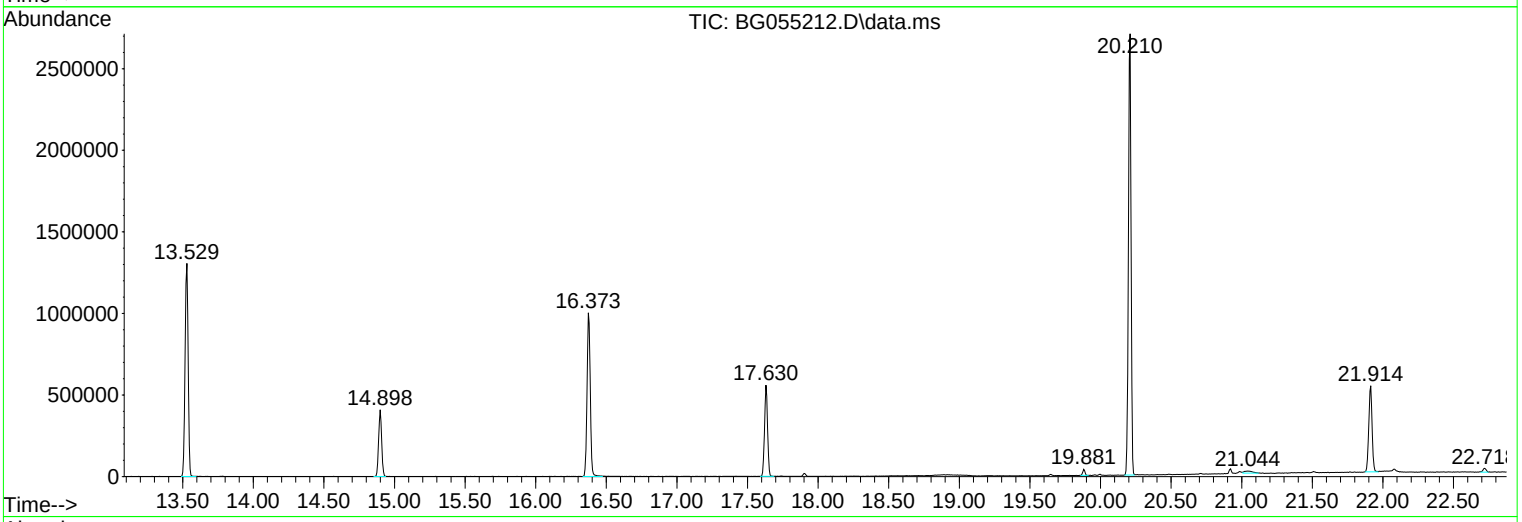
ALS Vial : 11 Sample Multiplier: 1

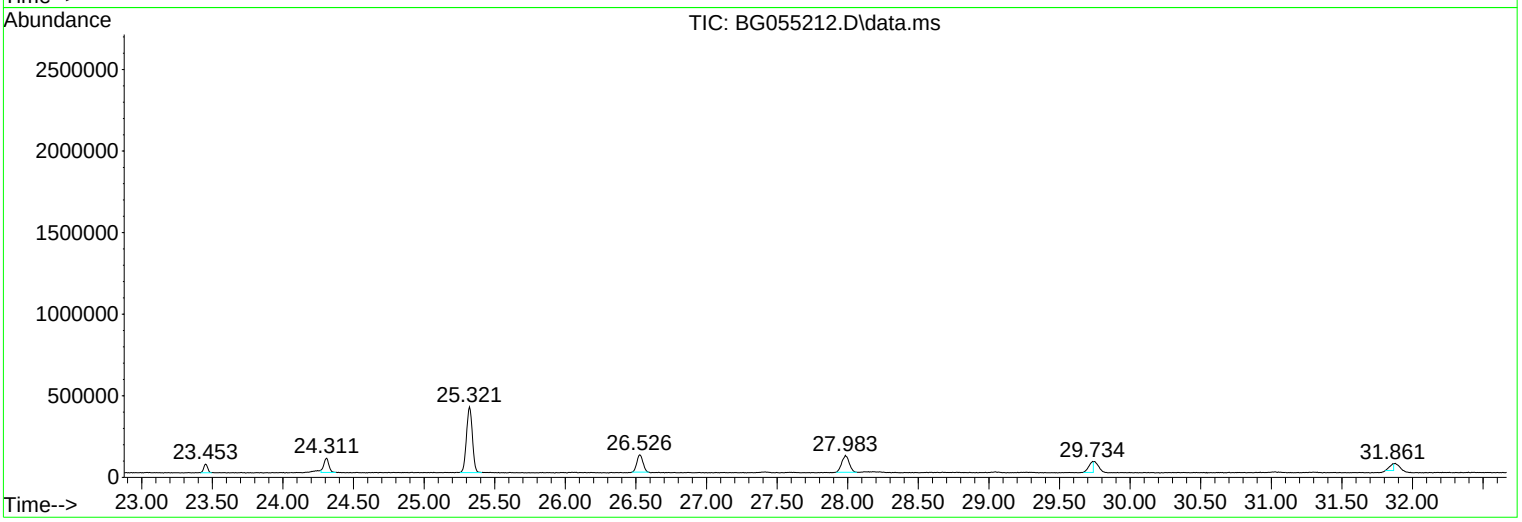
Instrument :
BNA_G
ClientSampleId :
PB148386BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.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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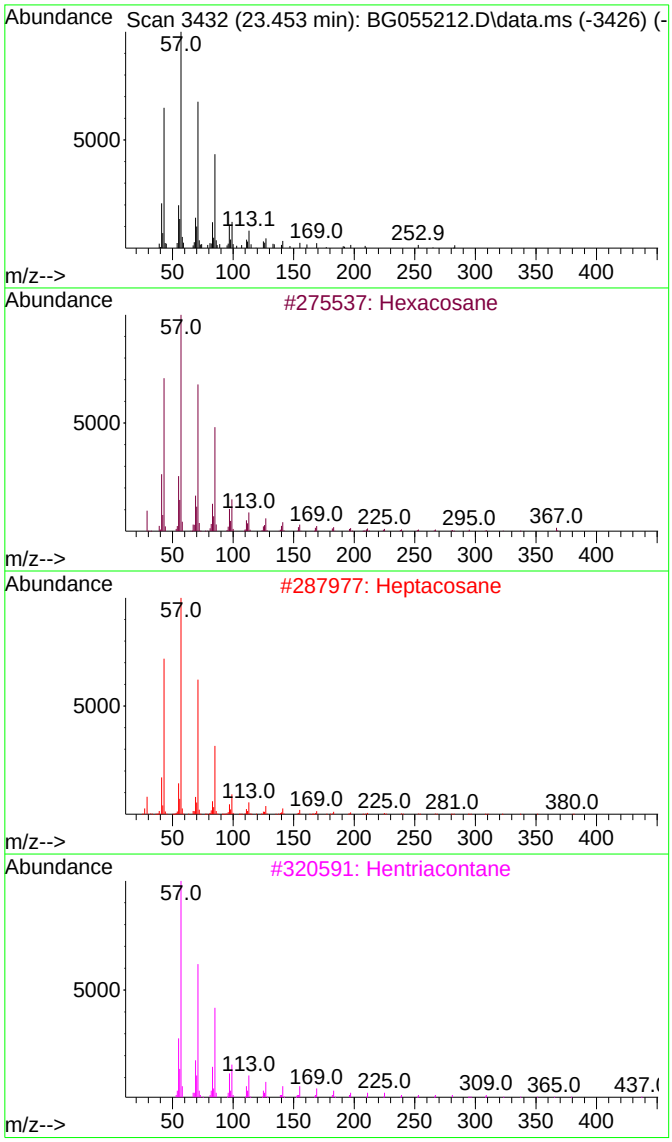
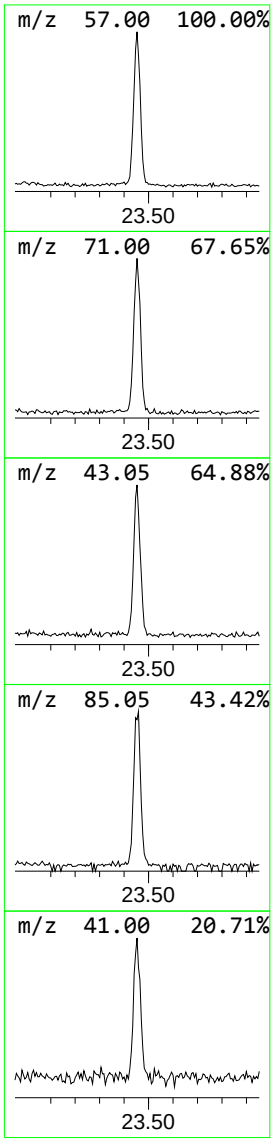
Peak Number 1 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.453	2.41 ng	104105	Chrysene-d12	21.913

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Octadecane	254	C18H38	000593-45-3	87





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Sample : PB148386BL
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BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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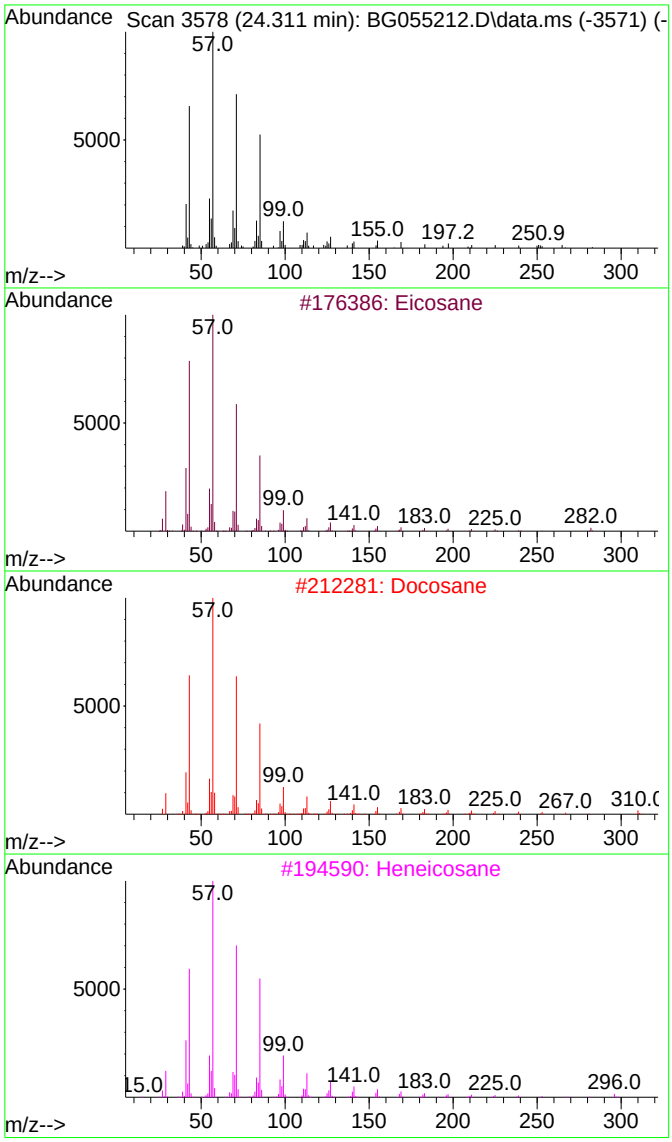
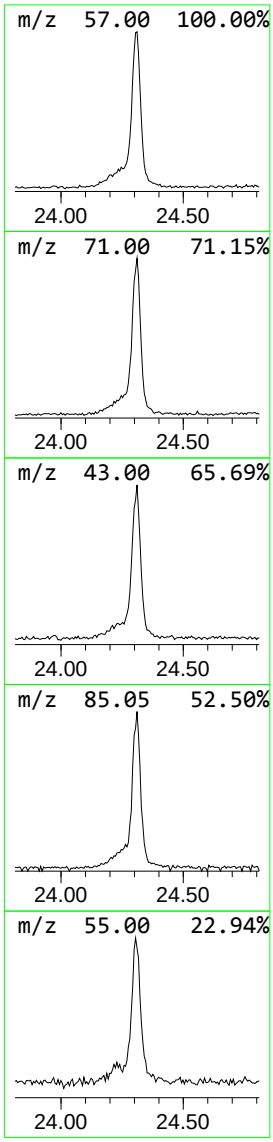
Peak Number 2 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.311	3.67 ng	214024	Perylene-d12	25.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Docosane	310	C22H46	000629-97-0	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	86
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Data File : BG055212.D
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Sample : PB148386BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148386BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
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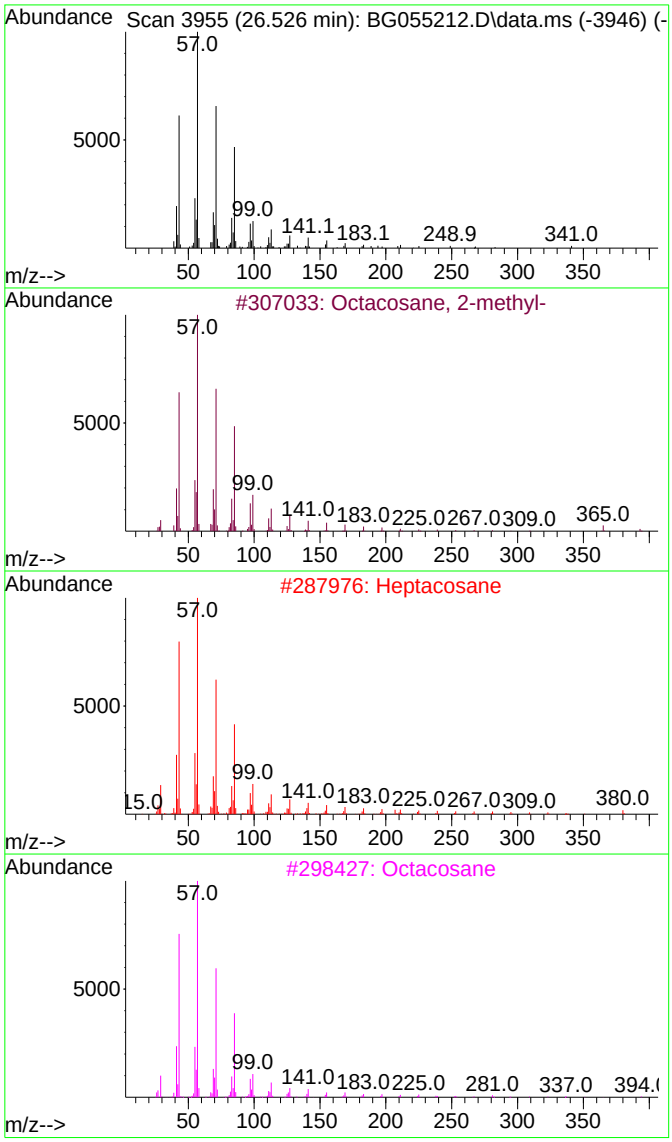
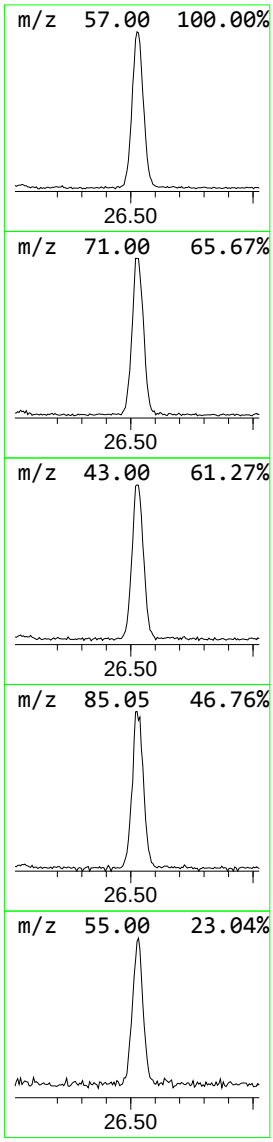
Peak Number 3 Octacosane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.526	5.50 ng	320770	Perylene-d12	25.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Pentacosane	352	C25H52	000629-99-2	91





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Data File : BG055212.D
Acq On : 19 Oct 2022 19:13
Operator : CG/JU
Sample : PB148386BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB148386BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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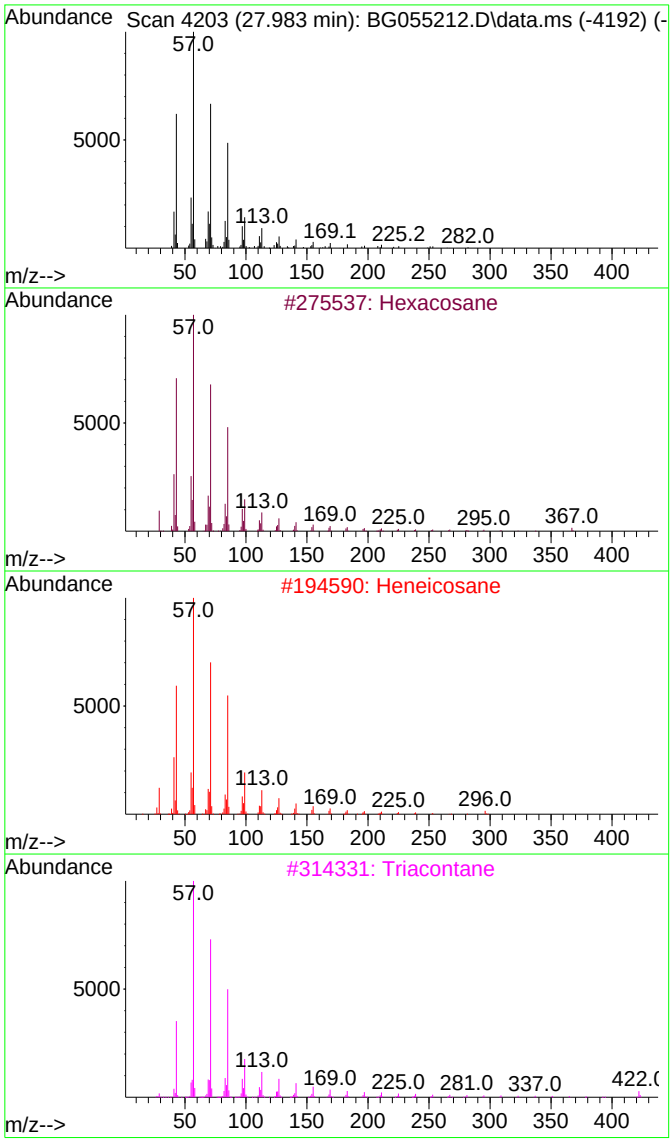
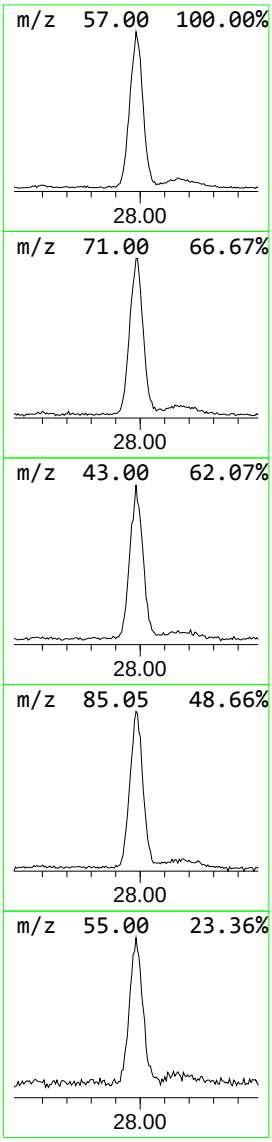
Peak Number 4 Heneicosane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.983	6.41 ng	373696	Perylene-d12	25.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91





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Sample : PB148386BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
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TIC Library : C:\Database\NIST20.L
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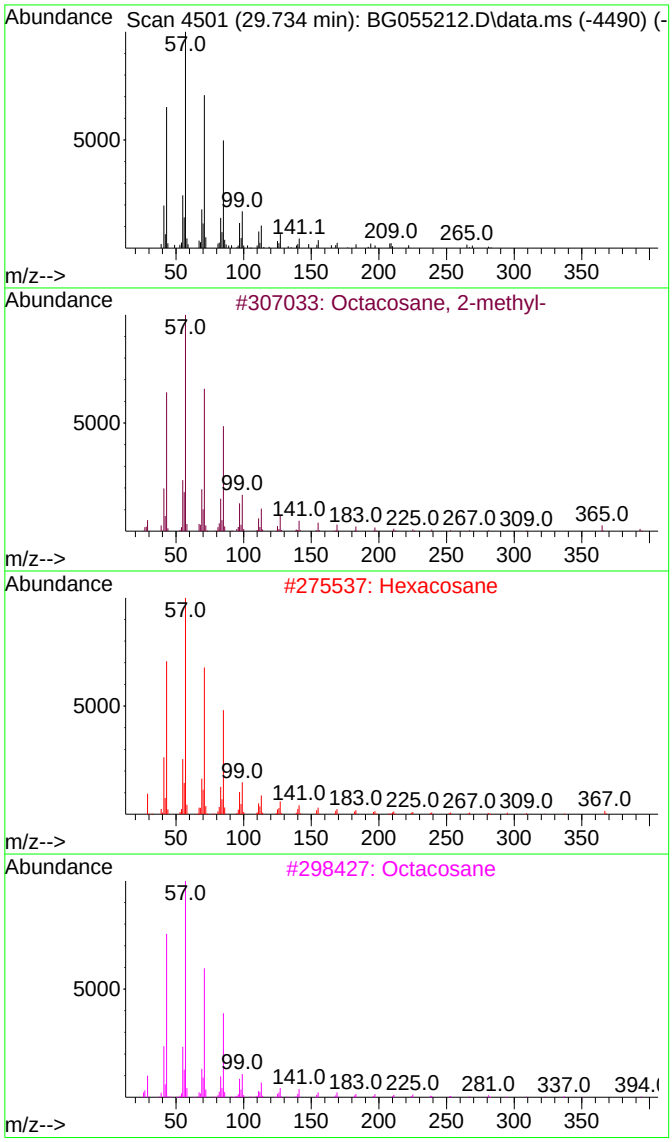
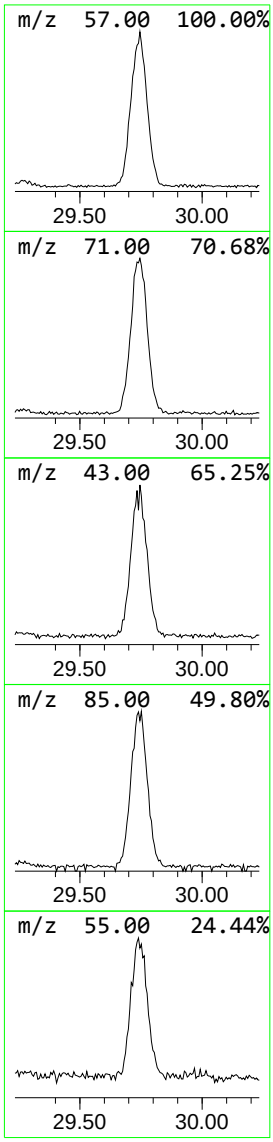
Peak Number 5 Octacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.734	2.66 ng	155346	Perylene-d12	25.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hexatriacontane	507	C36H74	000630-06-8	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
Hexacosane	23.453	2.4	ng	104105	5	21.913	863740	20.0
Eicosane	24.311	3.7	ng	214024	6	25.321	1166780	20.0
Octacosane, 2-m...	26.526	5.5	ng	320770	6	25.321	1166780	20.0
Heneicosane	27.983	6.4	ng	373696	6	25.321	1166780	20.0
Octacosane	29.734	2.7	ng	155346	6	25.321	1166780	20.0