LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041723\
Data File : BG057112.D
Acq On : 17 Apr 2023 14:16
Operator : CG/JU
Sample : PB152124BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152124BL

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-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057112.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.426	315	321	329	rBV	109152	162070	9.75%	2.364%
2	5.914	397	404	412	rBV	255318	414364	24.92%	6.044%
3	7.535	673	680	692	rBV	339315	595761	35.83%	8.690%
4	8.405	822	828	835	rVB2	58762	94940	5.71%	1.385%
5	9.579	1021	1028	1038	rVB	200131	350755	21.09%	5.116%
6	11.248	1305	1312	1320	rVB	76176	139056	8.36%	2.028%
7	13.645	1713	1720	1728	rVB	590930	887806	53.39%	12.950%
8	15.019	1947	1954	1961	rVB	143130	218768	13.16%	3.191%
9	16.500	2199	2206	2219	rBV	492220	744464	44.77%	10.859%
10	17.757	2414	2420	2428	rVB	216253	314900	18.94%	4.593%
11	20.324	2852	2857	2863	rBV	1267924	1662837	100.00%	24.255%
12	22.074	3148	3155	3162	rBV2	185161	324175	19.50%	4.729%
13	22.879	3287	3292	3297	rVB5	13920	21265	1.28%	0.310%
14	23.631	3414	3420	3426	rBV4	20979	42797	2.57%	0.624%
15	24.512	3564	3570	3581	rVB4	31927	75083	4.52%	1.095%
16	25.570	3739	3750	3752	rBV3	49085	127001	7.64%	1.853%
17	25.617	3752	3758	3768	rVB3	97709	291055	17.50%	4.246%
18	26.809	3950	3961	3971	rVB4	38033	126615	7.61%	1.847%
19	28.307	4207	4216	4228	rVB5	37287	138130	8.31%	2.015%
20	30.128	4513	4526	4539	rVB6	22220	101780	6.12%	1.485%
21	32.319	4891	4899	4900	rBV6	12604	21982	1.32%	0.321%

Sum of corrected areas: 6855604

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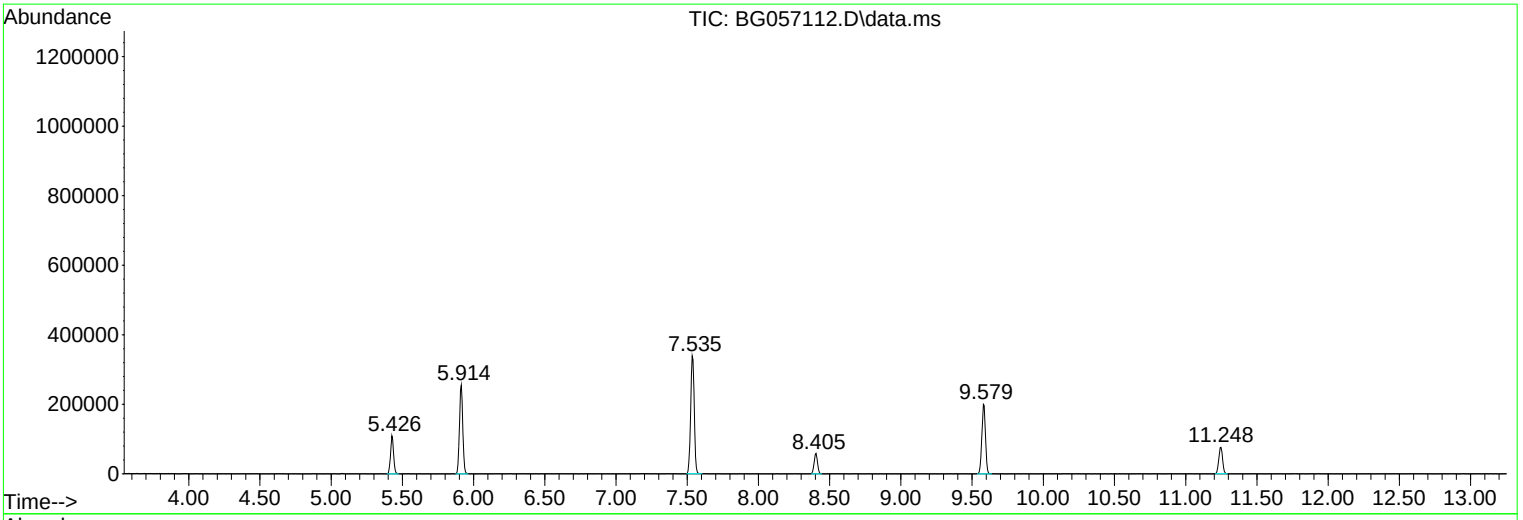
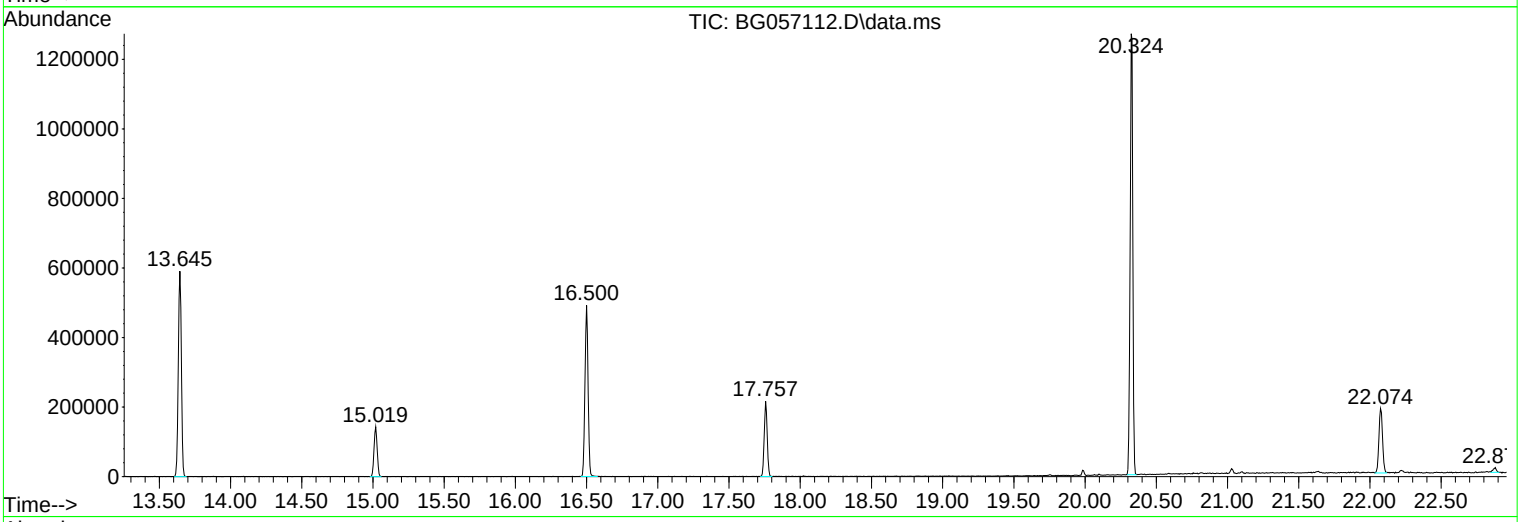
Misc :
ALS Vial : 3 Sample Multiplier: 1

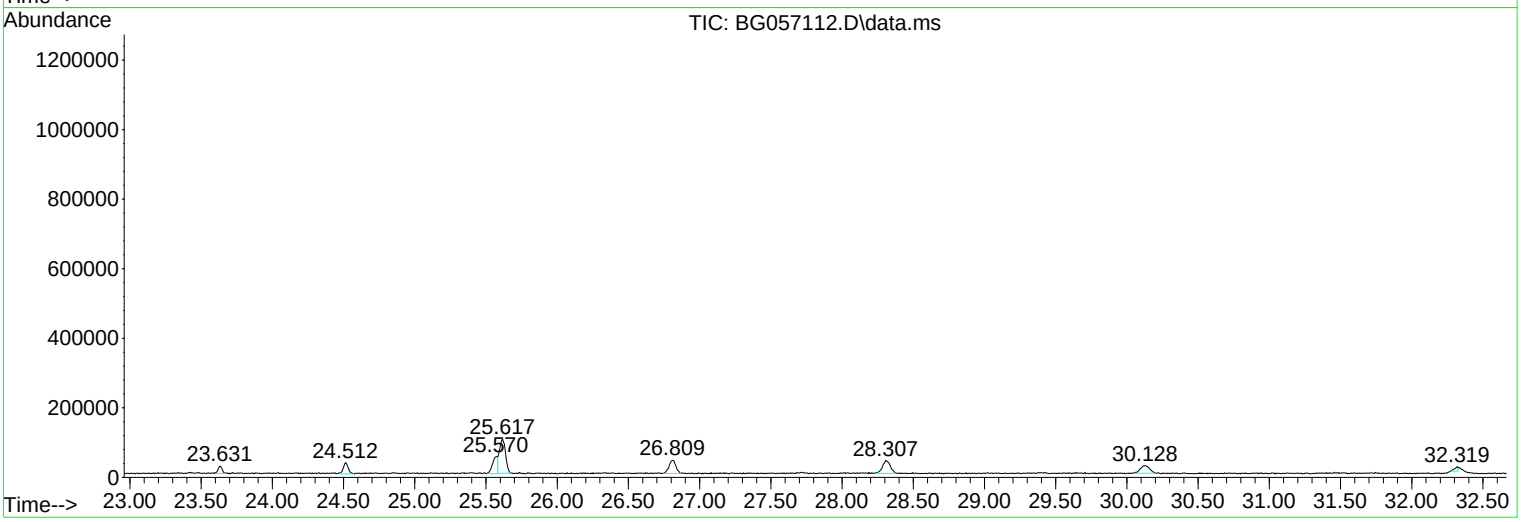
Instrument :
BNA_G
ClientSampleId :
PB152124BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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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ClientSampleId :
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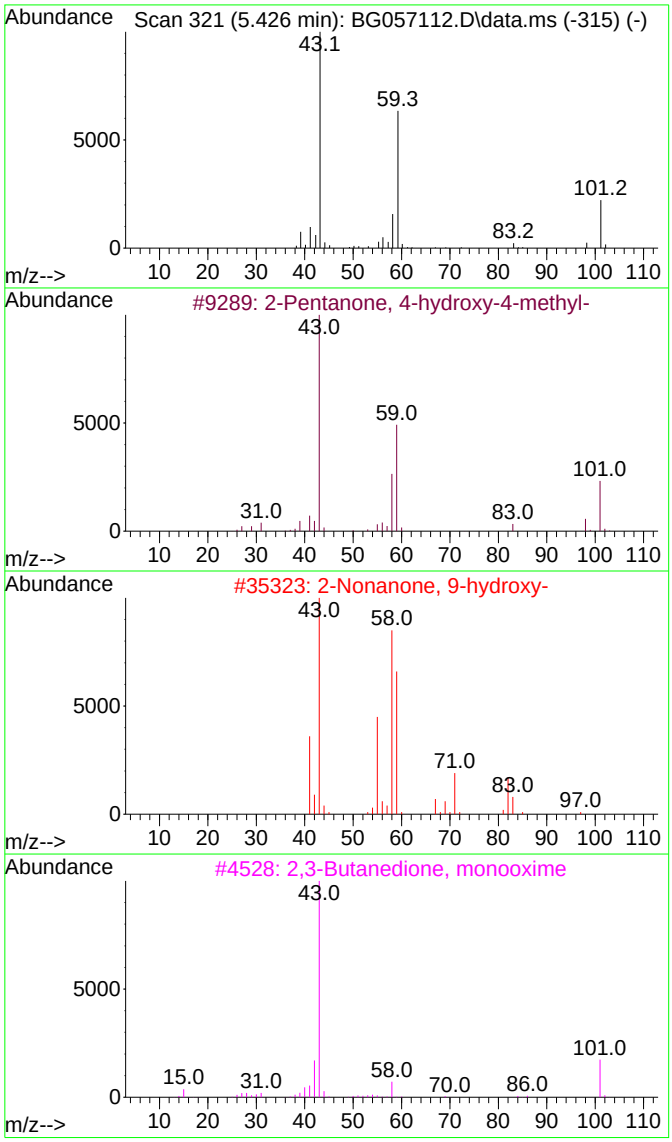
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

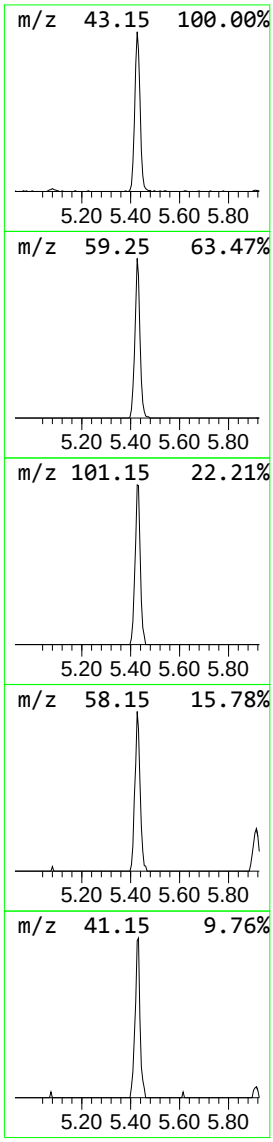
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.426	34.14 ng	162070	1,4-Dichlorobenzene-d4	8.405

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Acetamide, N-(cyanomethyl)-	98	C4H6N2O	004814-80-6	9





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

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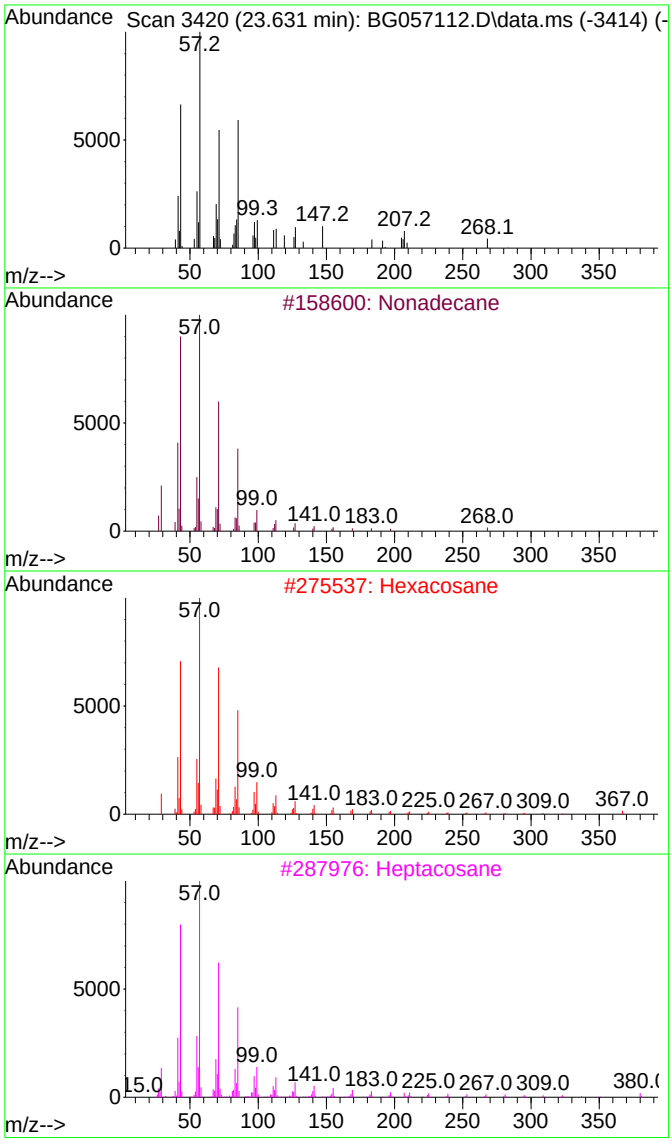
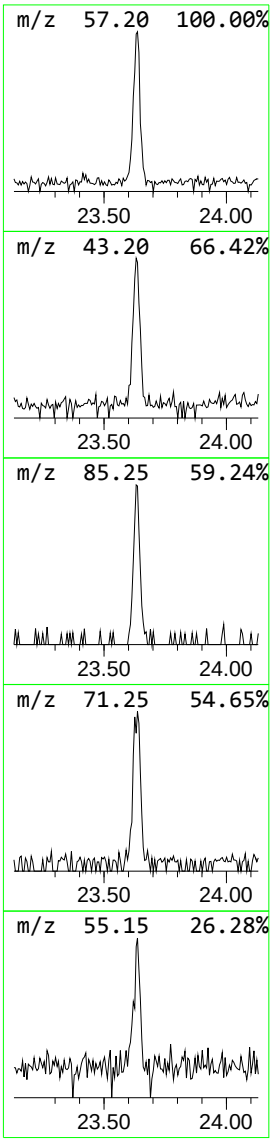
Peak Number 2 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.631	2.64 ng	42797	Chrysene-d12	22.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Hexacosane	366	C26H54	000630-01-3	80
3	Heptacosane	380	C27H56	000593-49-7	62
4	Heptadecane	240	C17H36	000629-78-7	59
5	Hexatriacontane	507	C36H74	000630-06-8	58





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Data File : BG057112.D
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Operator : CG/JU
Sample : PB152124BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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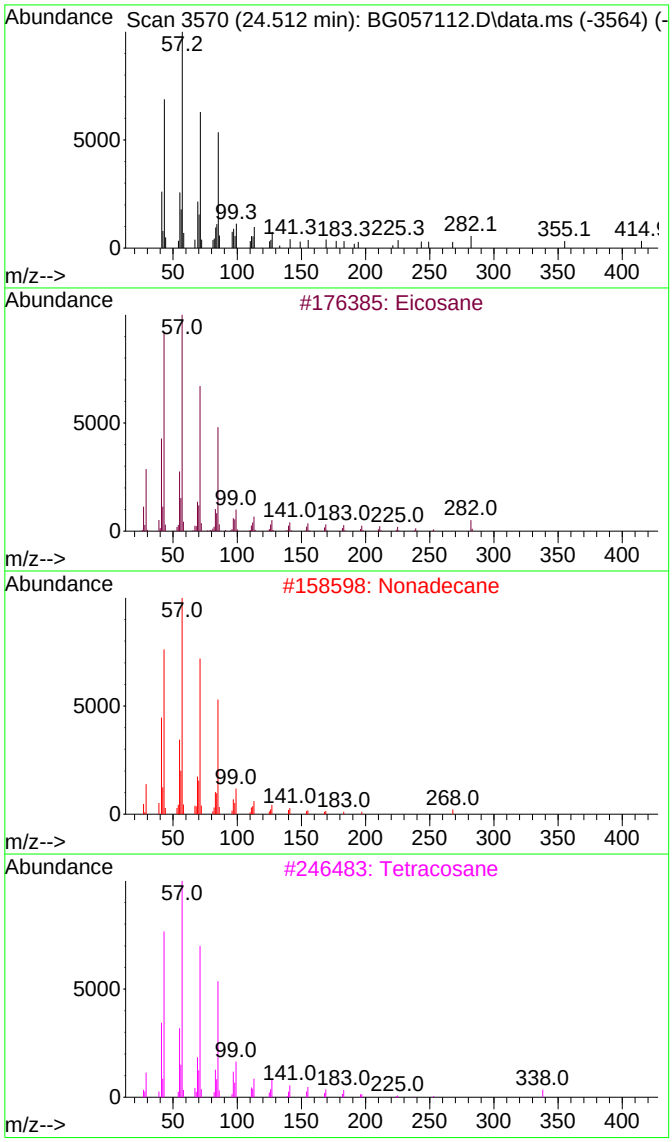
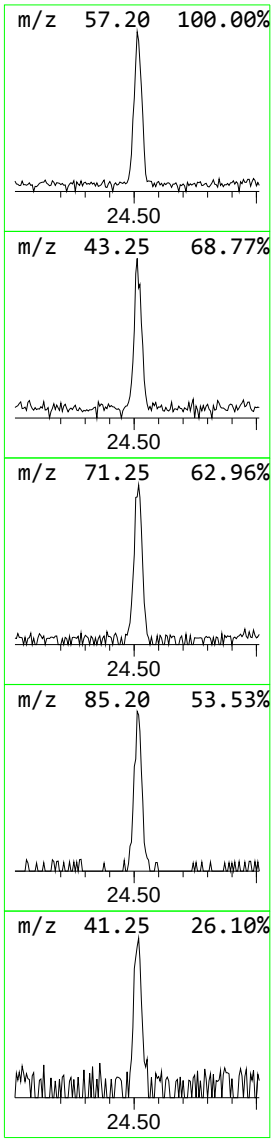
Peak Number 3 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.512	5.16 ng	75083	Perylene-d12	25.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	95
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentacosane	352	C25H52	000629-99-2	87
5	Hexacosane	366	C26H54	000630-01-3	87





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Acq On : 17 Apr 2023 14:16
Operator : CG/JU
Sample : PB152124BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152124BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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TIC Library : C:\Database\NIST20.L
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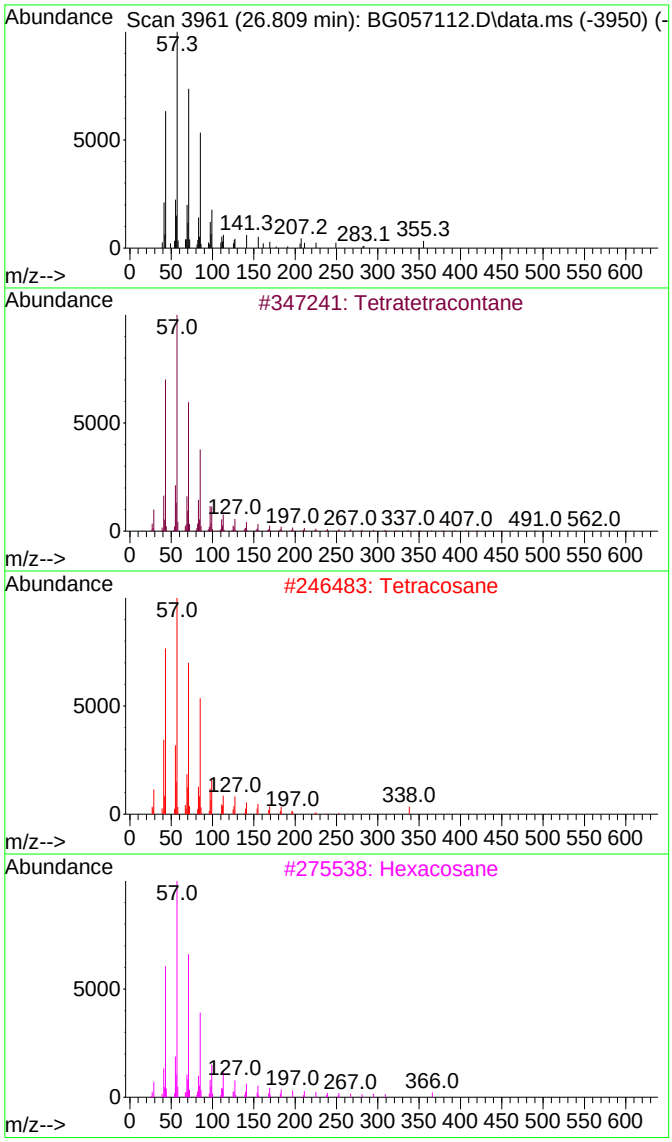
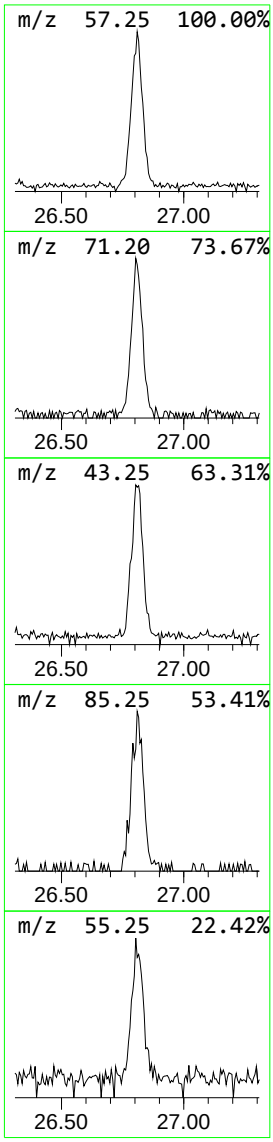
Peak Number 4 Tetratetracontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.809	8.70 ng	126615	Perylene-d12	25.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Tetracosane	338	C24H50	000646-31-1	87
3	Hexacosane	366	C26H54	000630-01-3	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Tetracosane, 1-iodo-	464	C24H49I	1000406-32-0	86





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Operator : CG/JU
Sample : PB152124BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152124BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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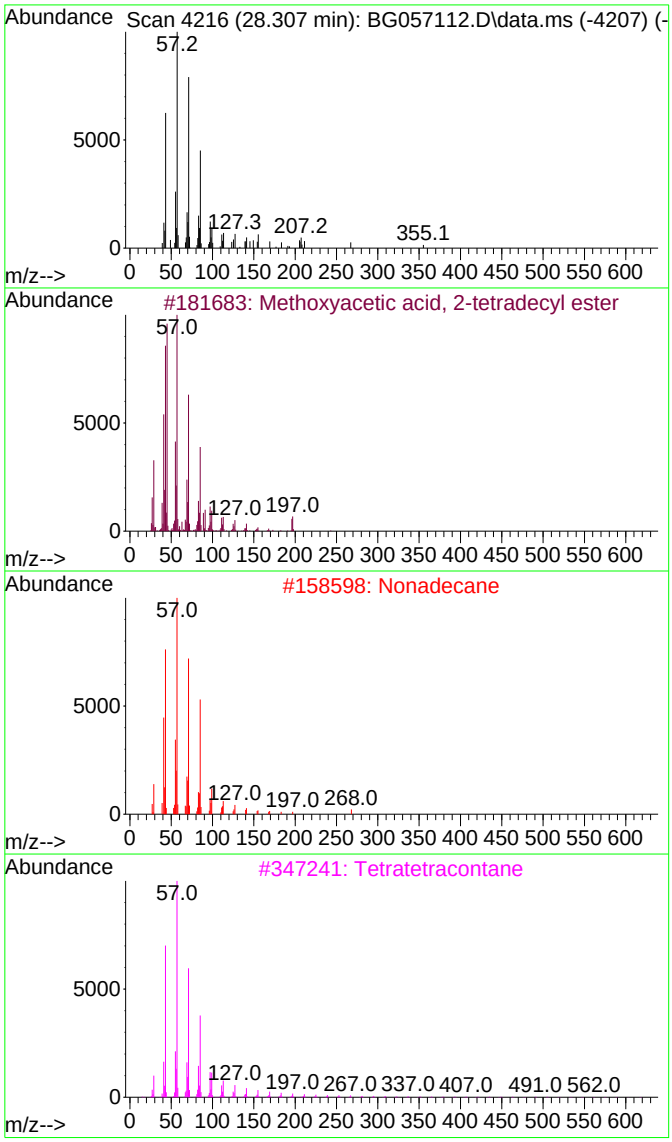
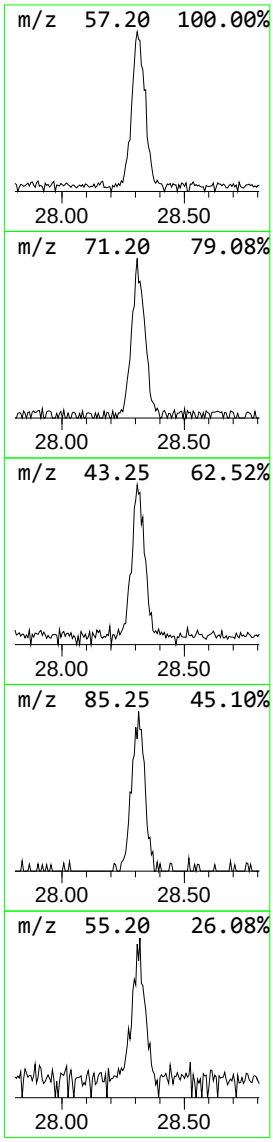
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Methoxyacetic acid, 2-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.307	9.49 ng	138130	Perylene-d12	25.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	86
2	Nonadecane	268	C19H40	000629-92-5	86
3	Tetratetracontane	619	C44H90	007098-22-8	83
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
5	Sulfurous acid, pentyl undecyl e...	306	C16H34O3S	1000309-14-4	58





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Operator : CG/JU
Sample : PB152124BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB152124BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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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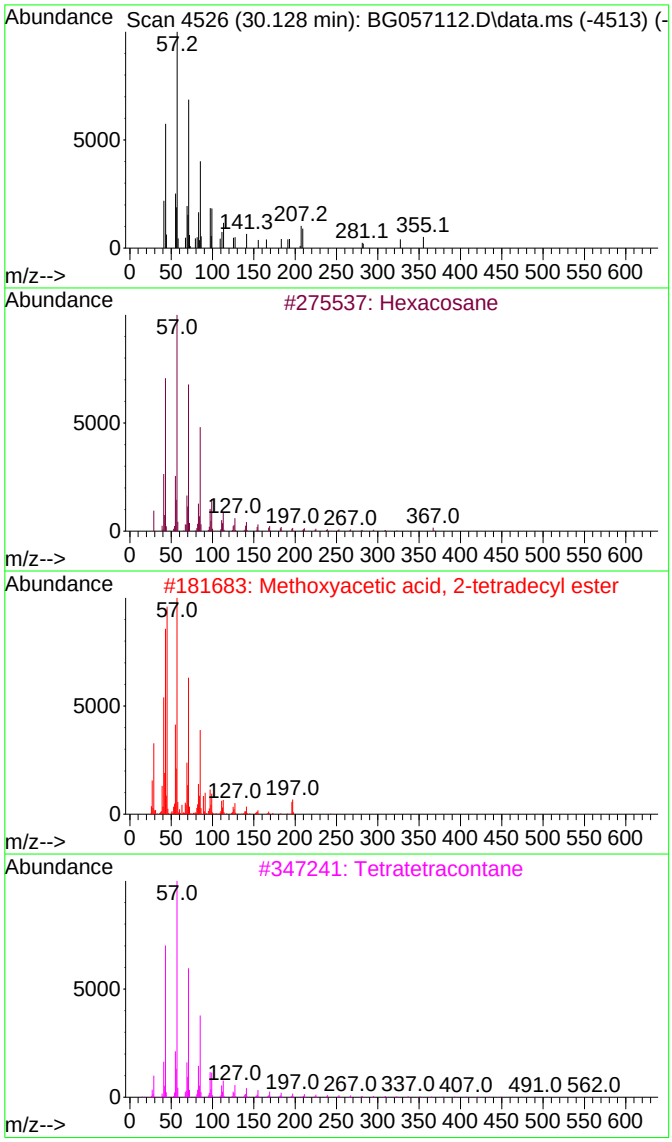
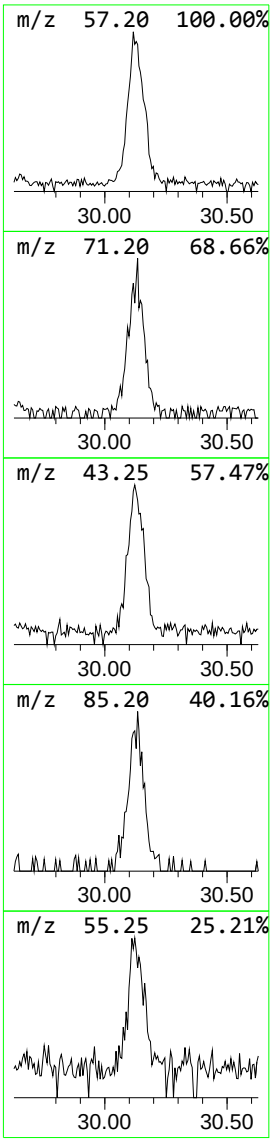
Peak Number 6 Hexacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.128	6.99 ng	101780	Perylene-d12	25.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	72
2	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	72
3	Tetratetracontane	619	C44H90	007098-22-8	72
4	Tritetracontane	605	C43H88	007098-21-7	72
5	Hentriacontane	437	C31H64	000630-04-6	72





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
2-Pentanone, 4-...	5.426	34.1	ng	162070	1	8.405	94940	20.0
Nonadecane	23.631	2.6	ng	42797	5	22.074	324175	20.0
Eicosane	24.512	5.2	ng	75083	6	25.611	291055	20.0
Tetratetracontane	26.809	8.7	ng	126615	6	25.611	291055	20.0
Methoxyacetic a...	28.307	9.5	ng	138130	6	25.611	291055	20.0
Hexacosane	30.128	7.0	ng	101780	6	25.611	291055	20.0