LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020722\
Data File : BG052310.D
Acq On : 7 Feb 2022 18:52
Operator : CG/JU
Sample : PB142123BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142123BL

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-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052310.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.755	378	386	397	rBV	528587	850147	27.22%	7.323%
2	7.371	653	661	675	rBV	561168	964346	30.88%	8.307%
3	8.222	800	806	814	rBV	87806	148208	4.75%	1.277%
4	9.397	998	1006	1015	rBV	346935	614767	19.68%	5.296%
5	11.066	1281	1290	1301	rBV	131500	239533	7.67%	2.063%
6	13.492	1696	1703	1713	rBV	1010503	1532949	49.08%	13.205%
7	14.872	1930	1938	1947	rVB	238925	375951	12.04%	3.238%
8	16.358	2183	2191	2206	rBV	793469	1237498	39.62%	10.660%
9	17.621	2399	2406	2413	rBV	341814	517777	16.58%	4.460%
10	20.153	2824	2837	2838	rBV2	12744	31516	1.01%	0.271%
11	20.212	2841	2847	2853	rBV	2384759	3123308	100.00%	26.905%
12	21.463	3042	3060	3070	rBV6	33339	150035	4.80%	1.292%
13	21.933	3132	3140	3150	rBV	369961	626474	20.06%	5.397%
14	23.514	3403	3409	3417	rVB4	22756	51030	1.63%	0.440%
15	24.395	3550	3559	3567	rVB2	34118	75983	2.43%	0.655%
16	25.399	3719	3730	3746	rVB2	211221	713203	22.83%	6.144%
17	26.656	3935	3944	3953	rBV5	38846	123166	3.94%	1.061%
18	28.148	4188	4198	4212	rVB3	31218	120896	3.87%	1.041%
19	29.952	4493	4505	4512	rBV8	20508	78472	2.51%	0.676%
20	32.114	4863	4873	4875	rBV8	12365	33608	1.08%	0.290%

Sum of corrected areas: 11608867

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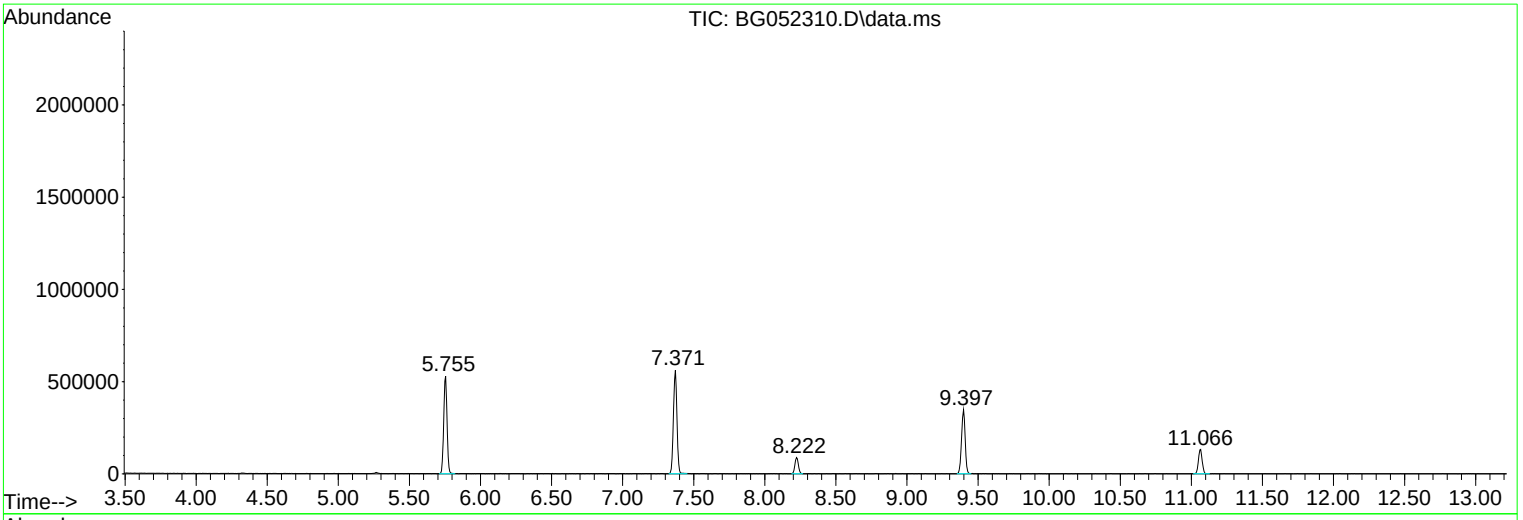
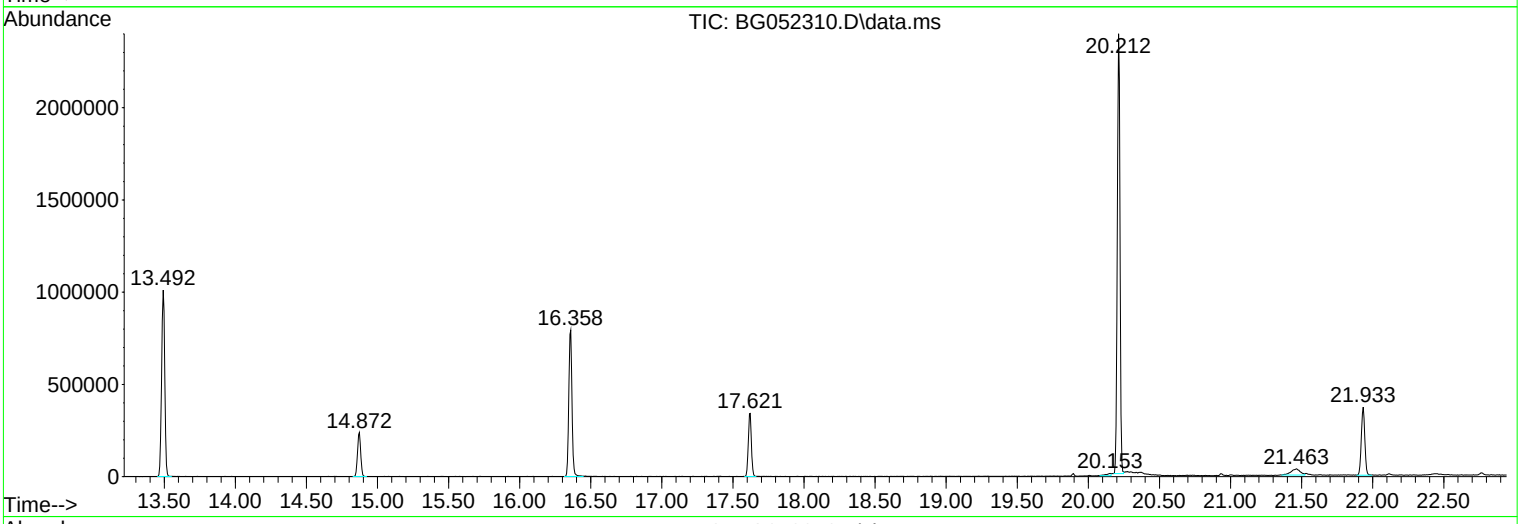
Sample : PB142123BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

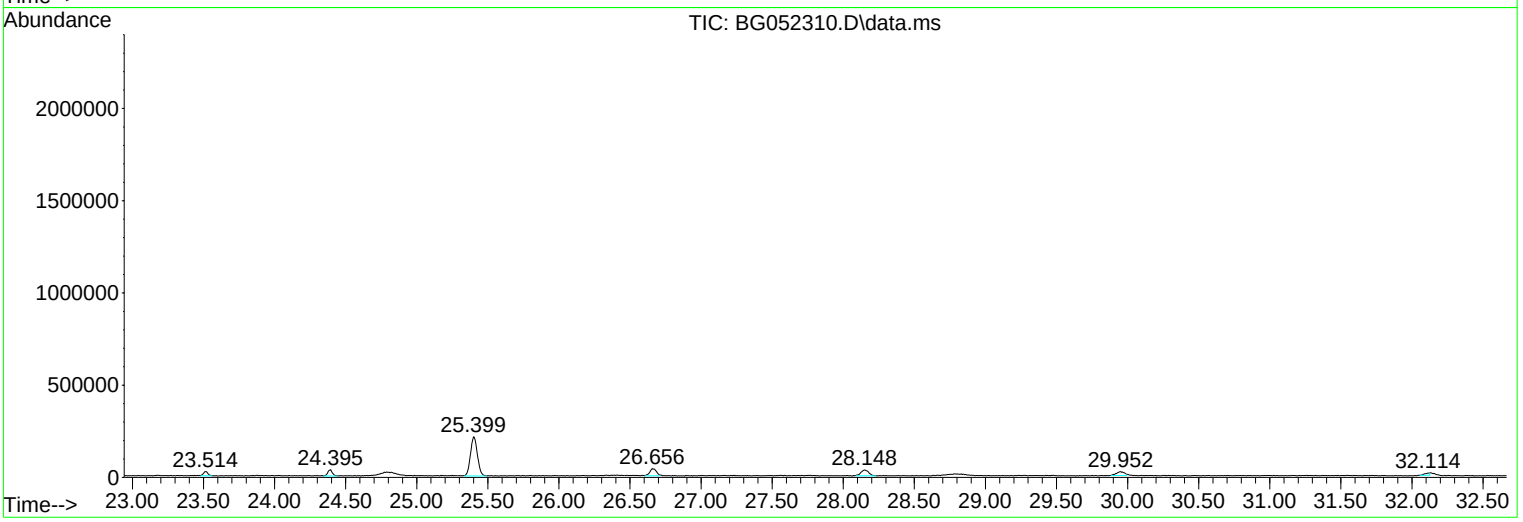
Instrument :
BNA_G
ClientSampleId :
PB142123BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.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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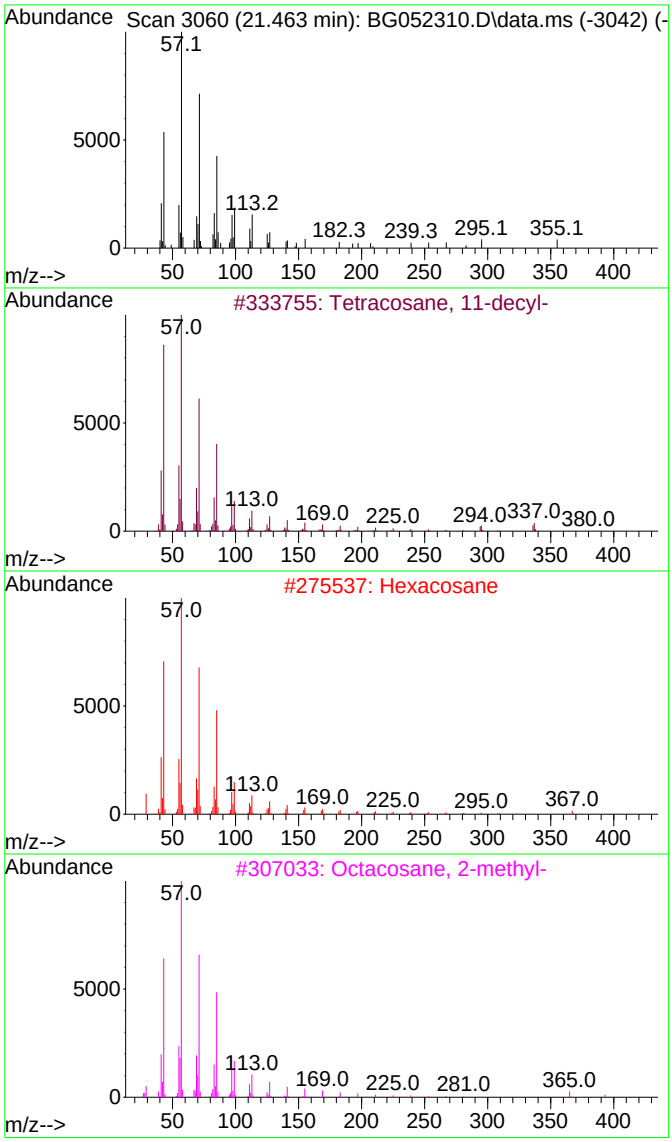
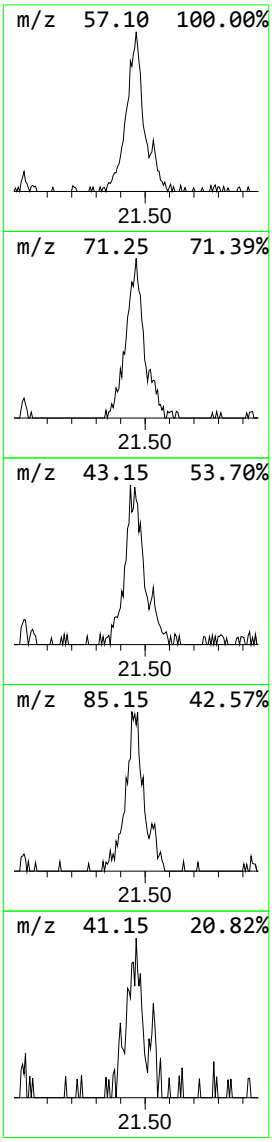
Peak Number 1 Tetracosane, 11-decyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.463	4.79 ng	150035	Chrysene-d12	21.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	86
4	Hentriacontane	437	C31H64	000630-04-6	86
5	4-Methylheneicosane	310	C22H46	025117-29-7	86





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Data File : BG052310.D
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Sample : PB142123BL
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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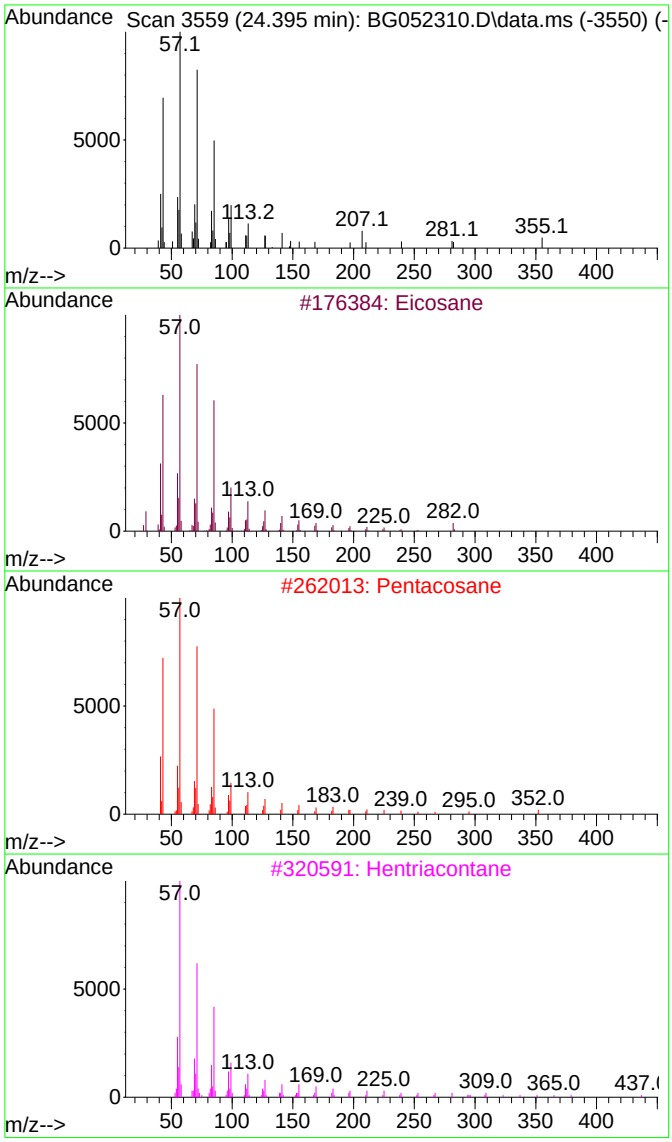
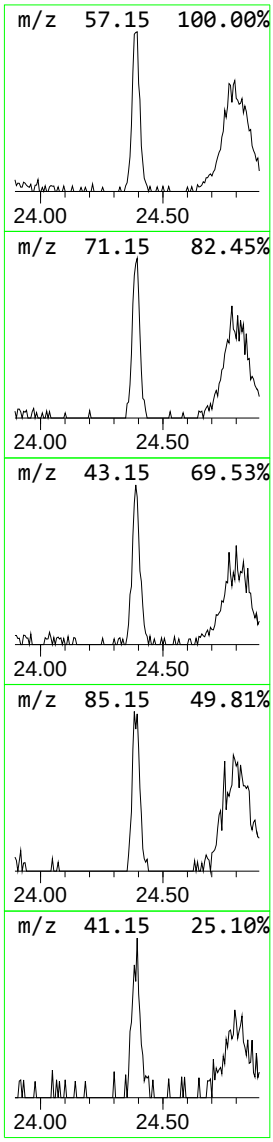
Peak Number 2 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.395	2.13 ng	75983	Perylene-d12	25.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Pentacosane	352	C25H52	000629-99-2	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Hexacosane	366	C26H54	000630-01-3	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





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Data File : BG052310.D
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Operator : CG/JU
Sample : PB142123BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142123BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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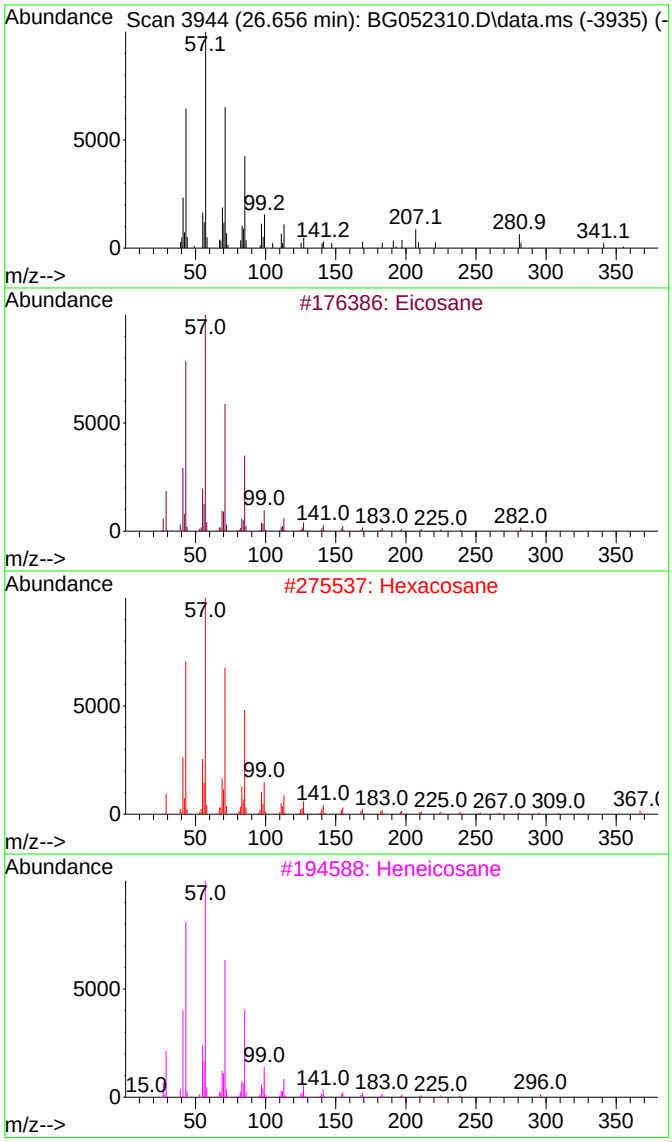
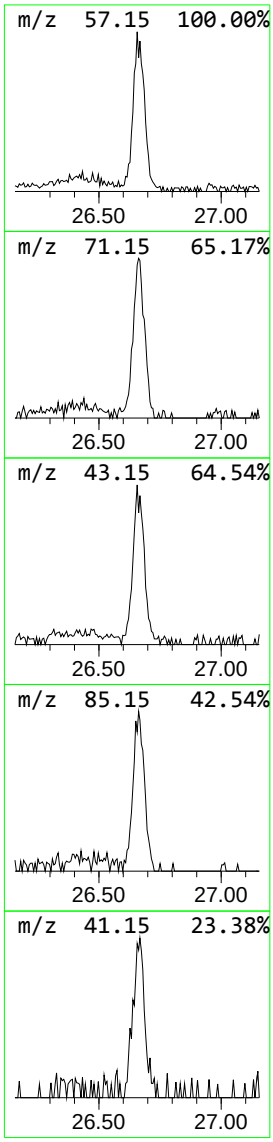
Peak Number 3 Hexacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.656	3.45 ng	123166	Perylene-d12	25.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heneicosane	296	C21H44	000629-94-7	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Octacosane	394	C28H58	000630-02-4	86





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Data File : BG052310.D
Acq On : 7 Feb 2022 18:52
Operator : CG/JU
Sample : PB142123BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142123BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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TIC Library : C:\Database\NIST20.L
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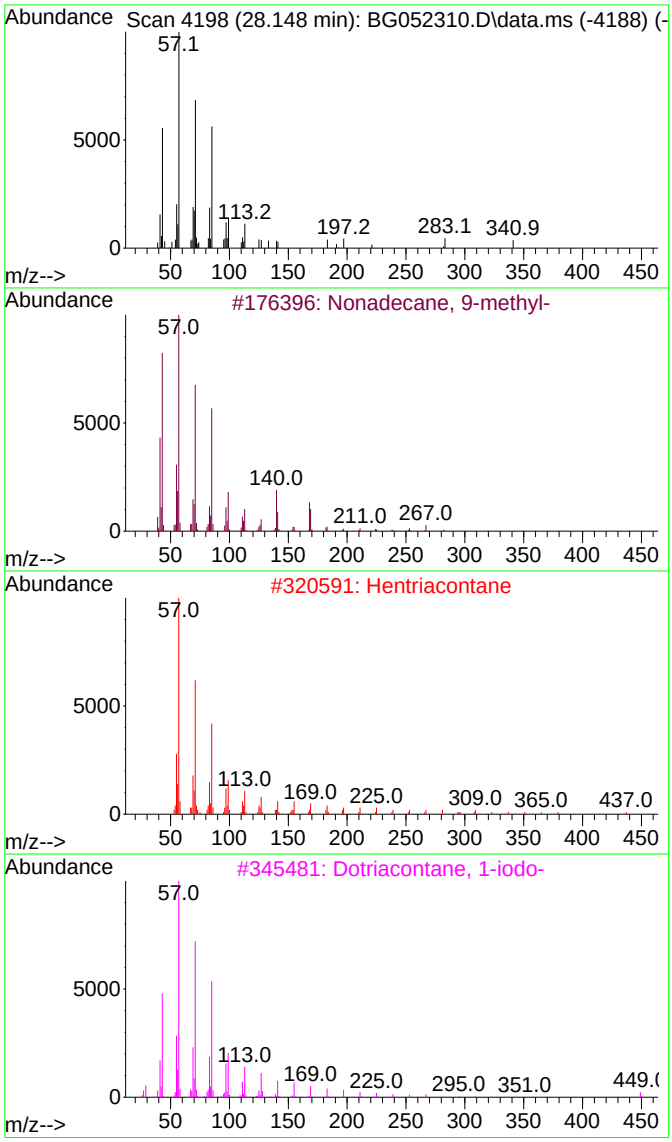
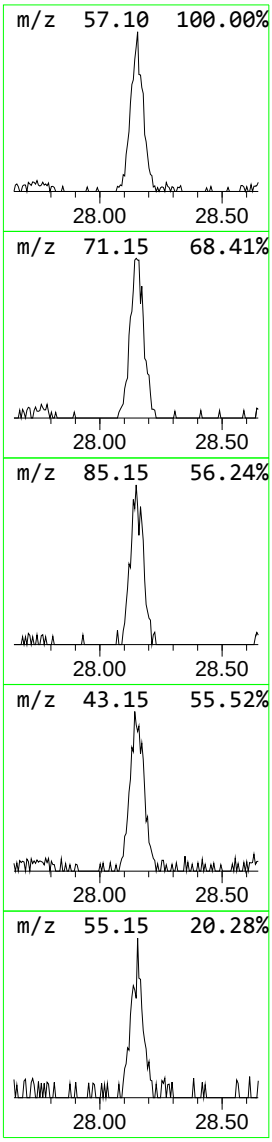
Peak Number 4 Nonadecane, 9-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.148	3.39 ng	120896	Perylene-d12	25.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	72
2	Hentriacontane	437	C31H64	000630-04-6	68
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	64
4	Hexacosane	366	C26H54	000630-01-3	59
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	58





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Operator : CG/JU
Sample : PB142123BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB142123BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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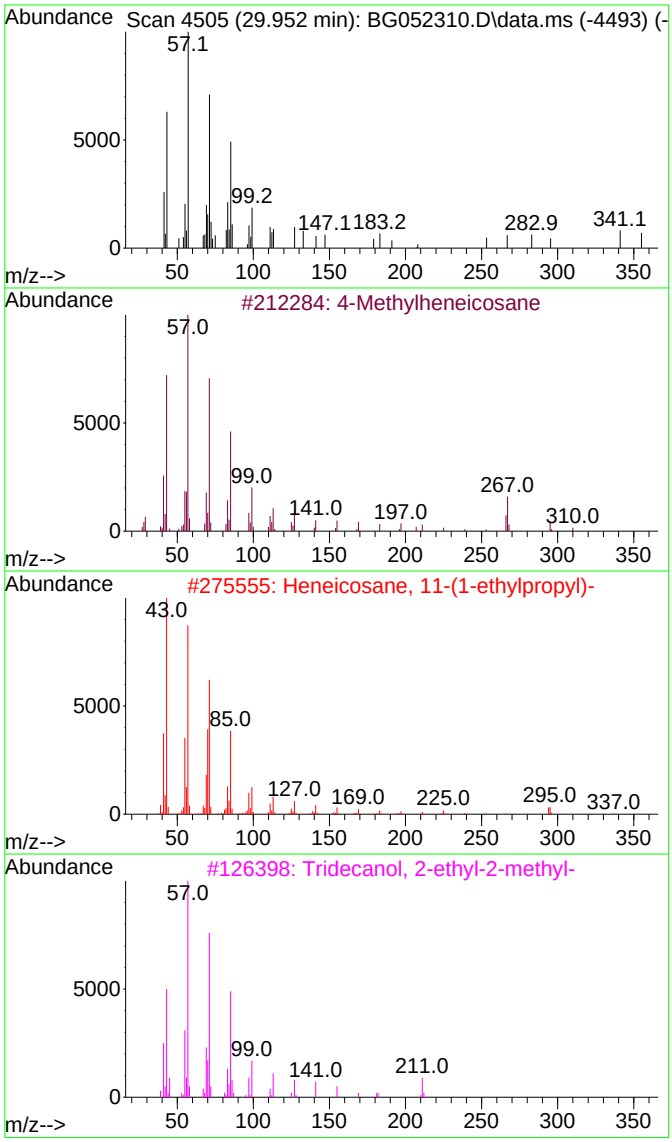
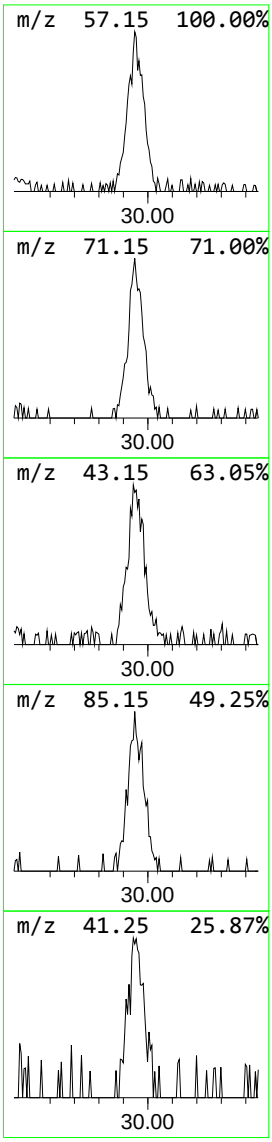
Peak Number 5 4-Methylheneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.952	2.20 ng	78472	Perylene-d12	25.399

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylheneicosane	310	C22H46	025117-29-7	80
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	80
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	80
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	80
5	Hexacosane	366	C26H54	000630-01-3	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020722\
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Misc :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
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
Tetracosane, 11...	21.463	4.8	ng	150035	5	21.933	626474	20.0
Eicosane	24.395	2.1	ng	75983	6	25.399	713203	20.0
Hexacosane	26.656	3.5	ng	123166	6	25.399	713203	20.0
Nonadecane, 9-m...	28.148	3.4	ng	120896	6	25.399	713203	20.0
4-Methylheneico...	29.952	2.2	ng	78472	6	25.399	713203	20.0