LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021120\
Data File : BG044396.D
Acq On : 11 Feb 2020 19:53
Operator : CG/JU
Sample : L1456-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5213

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-BG013020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.482	400	407	417	rBV	470304	774831	15.84%	3.259%
2	7.074	671	678	690	rBV	264712	479165	9.80%	2.015%
3	7.903	811	819	827	rBV	263984	455776	9.32%	1.917%
4	8.226	866	874	887	rBV	1014891	1763431	36.05%	7.416%
5	9.060	1008	1016	1031	rBV	786809	1449153	29.62%	6.094%
6	10.705	1287	1296	1307	rBV	356862	661175	13.52%	2.781%
7	13.167	1707	1715	1728	rBV	2257690	3570429	72.99%	15.015%
8	13.990	1850	1855	1865	rBV	118366	193452	3.95%	0.814%
9	14.542	1938	1949	1959	rBV2	634409	1032270	21.10%	4.341%
10	16.028	2195	2202	2216	rBV	1734468	2828941	57.83%	11.897%
11	17.286	2409	2416	2427	rBV	822596	1261204	25.78%	5.304%
12	18.255	2576	2581	2587	rBV	33914	50260	1.03%	0.211%
13	19.906	2855	2862	2871	rBV	3459993	4891686	100.00%	20.572%
14	21.199	3078	3082	3093	rBV	179832	306632	6.27%	1.290%
15	21.528	3132	3138	3154	rVB	832404	1356262	27.73%	5.704%
16	21.739	3169	3174	3183	rBV	55175	93162	1.90%	0.392%
17	22.004	3213	3219	3226	rBV2	27791	63262	1.29%	0.266%
18	22.321	3268	3273	3283	rBV	92164	159957	3.27%	0.673%
19	22.991	3380	3387	3395	rBV2	137462	244349	5.00%	1.028%
20	23.761	3511	3518	3527	rBV2	145897	304783	6.23%	1.282%
21	24.618	3654	3664	3671	rBV	496304	1454947	29.74%	6.119%
22	25.746	3847	3856	3866	rBV2	92355	260720	5.33%	1.096%
23	27.033	4070	4075	4084	rVB3	40138	122707	2.51%	0.516%

Sum of corrected areas: 23778554

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Misc :
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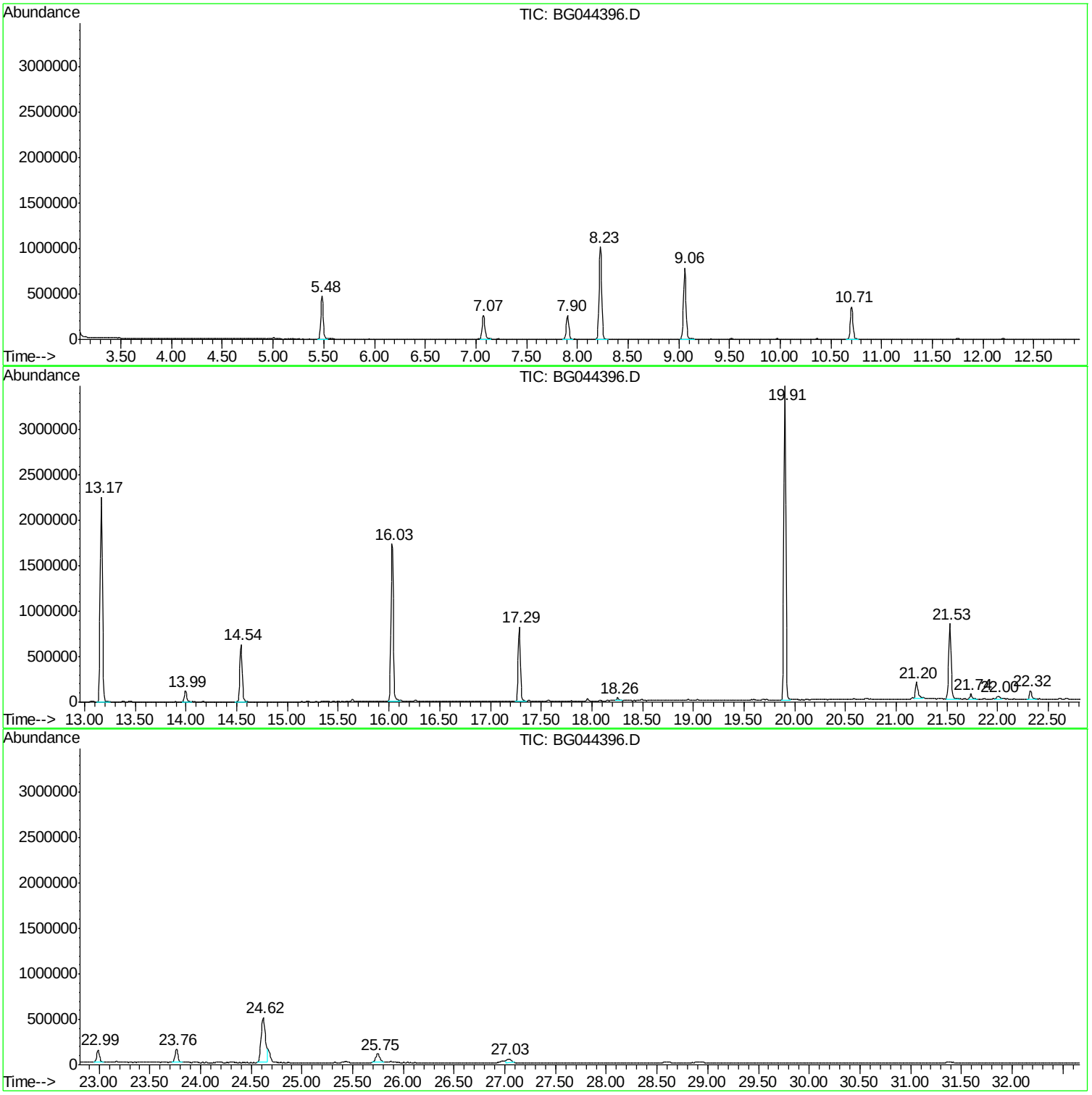
Instrument :
BNA_G
ClientSampleId :
FM-5213

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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TIC Library : C:\Database\NIST11.L
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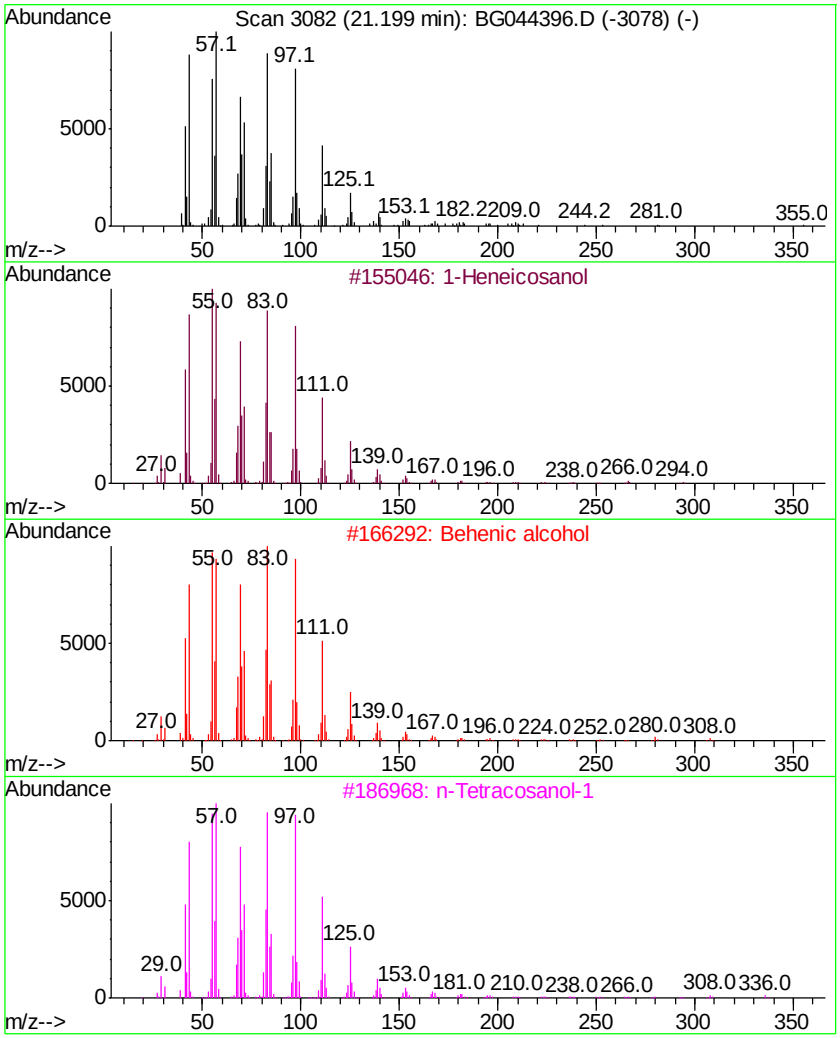
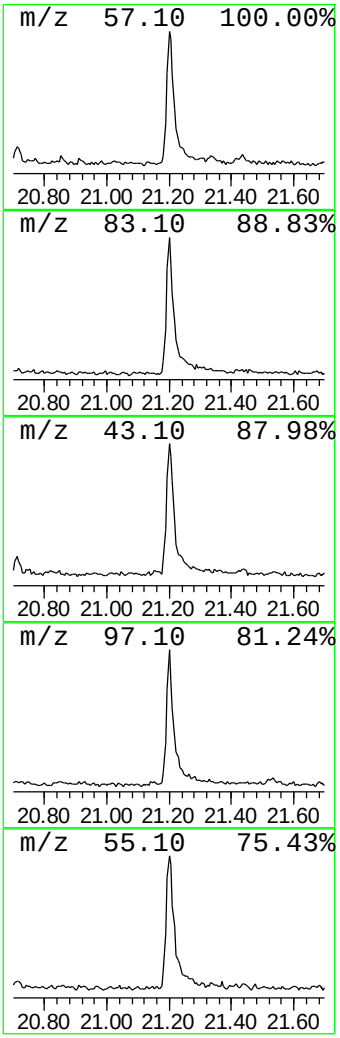
Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.20	4.52 ng	306632	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	1-Docosene	308	C22H44	001599-67-3	91





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Operator : CG/JU
Sample : L1456-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5213

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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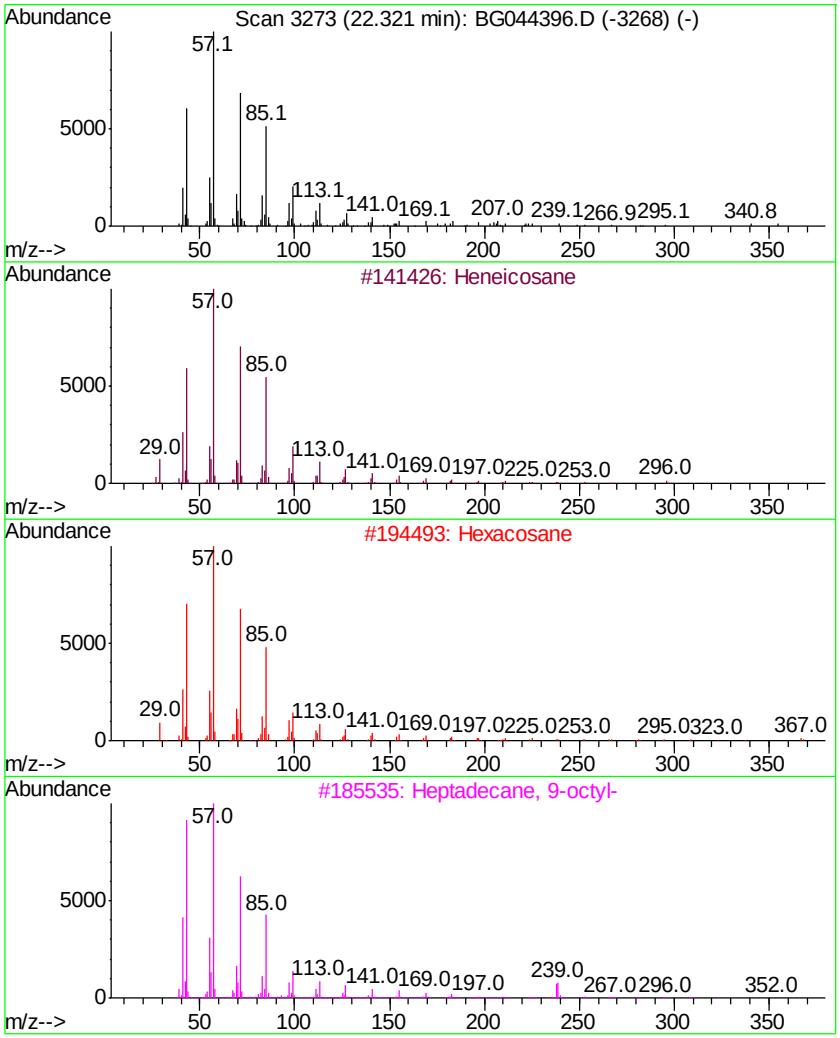
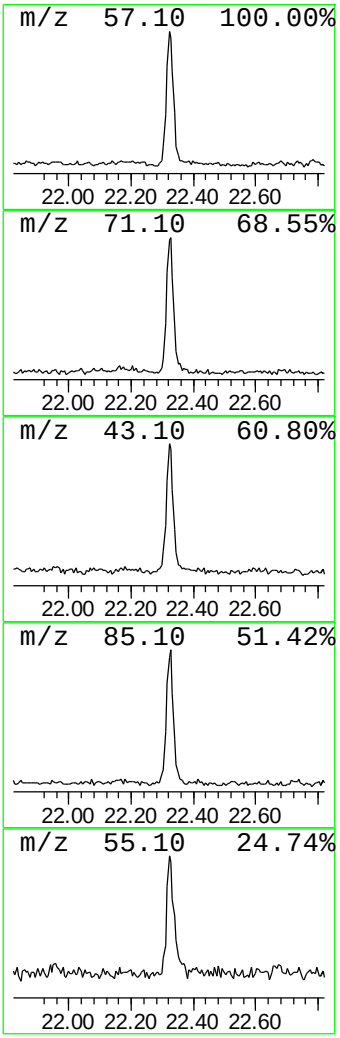
Peak Number 3 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.36 ng	159957	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hexacosane	366	C26H54	000630-01-3	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80





Library Search Compound Report

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Operator : CG/JU
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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5213

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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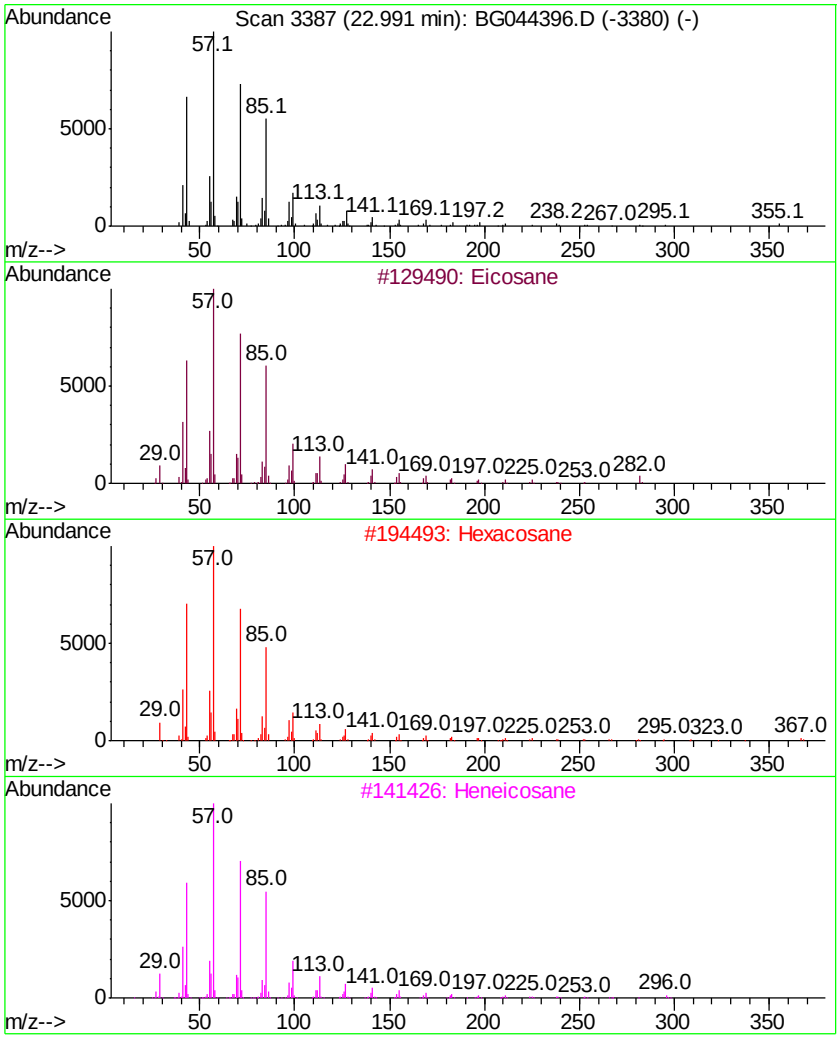
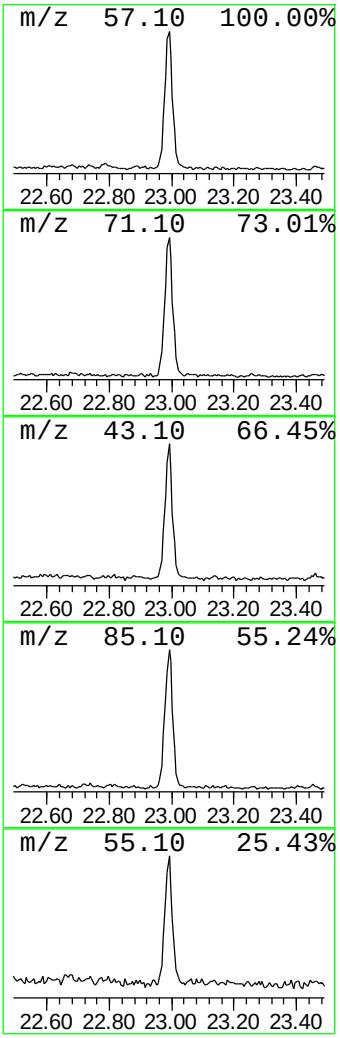
Peak Number 4 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	3.60 ng	244349	Chrysene-d12	21.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Hexacosane	366	C26H54	000630-01-3	93
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Library Search Compound Report

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5213

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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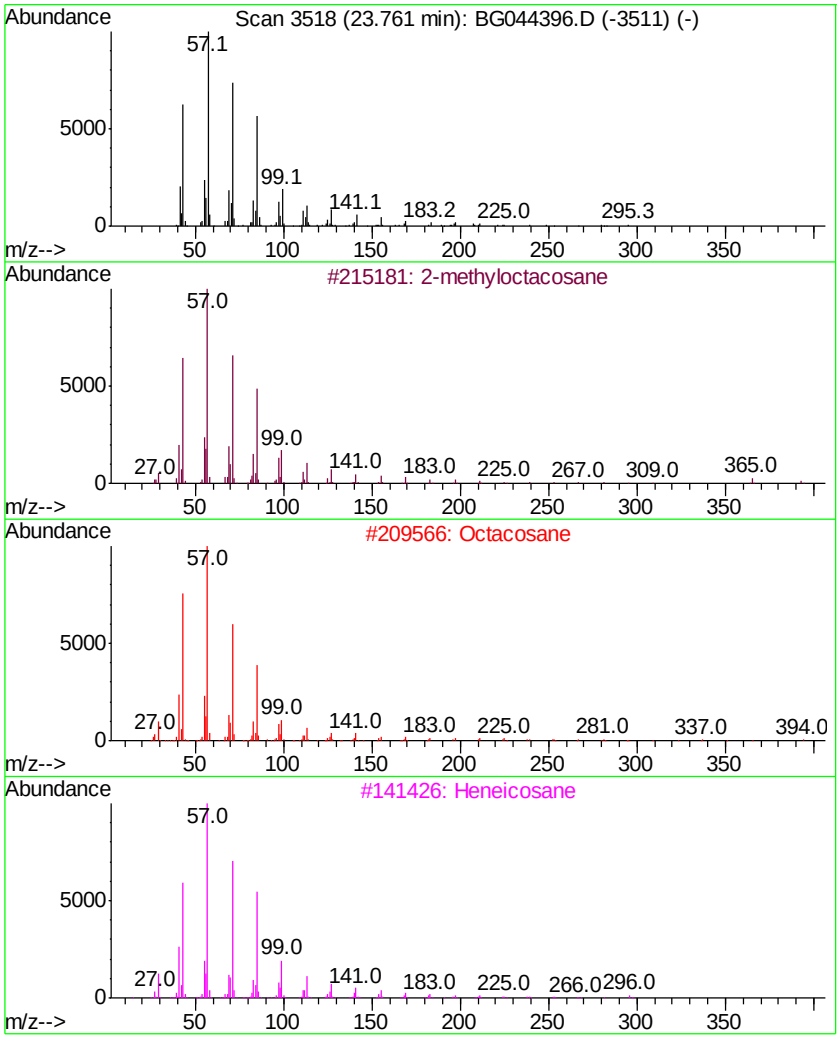
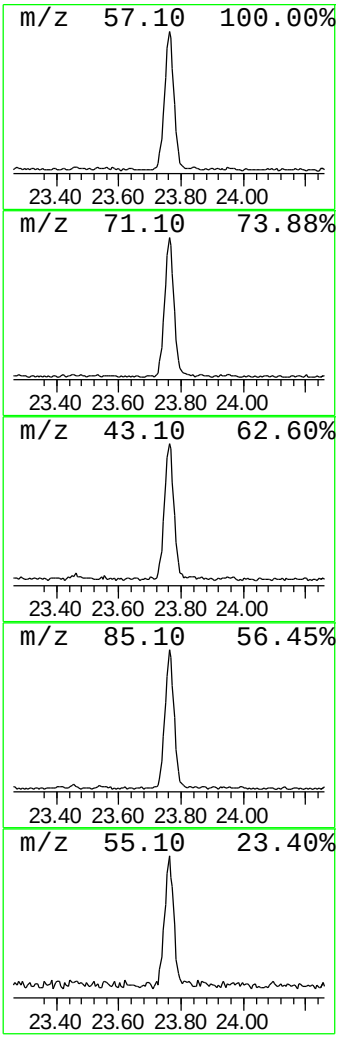
Peak Number 5 2-methyloctacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.76	4.19 ng	304783	Perylene-d12	24.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

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Operator : CG/JU
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FM-5213

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG013020.M
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TIC Library : C:\Database\NIST11.L
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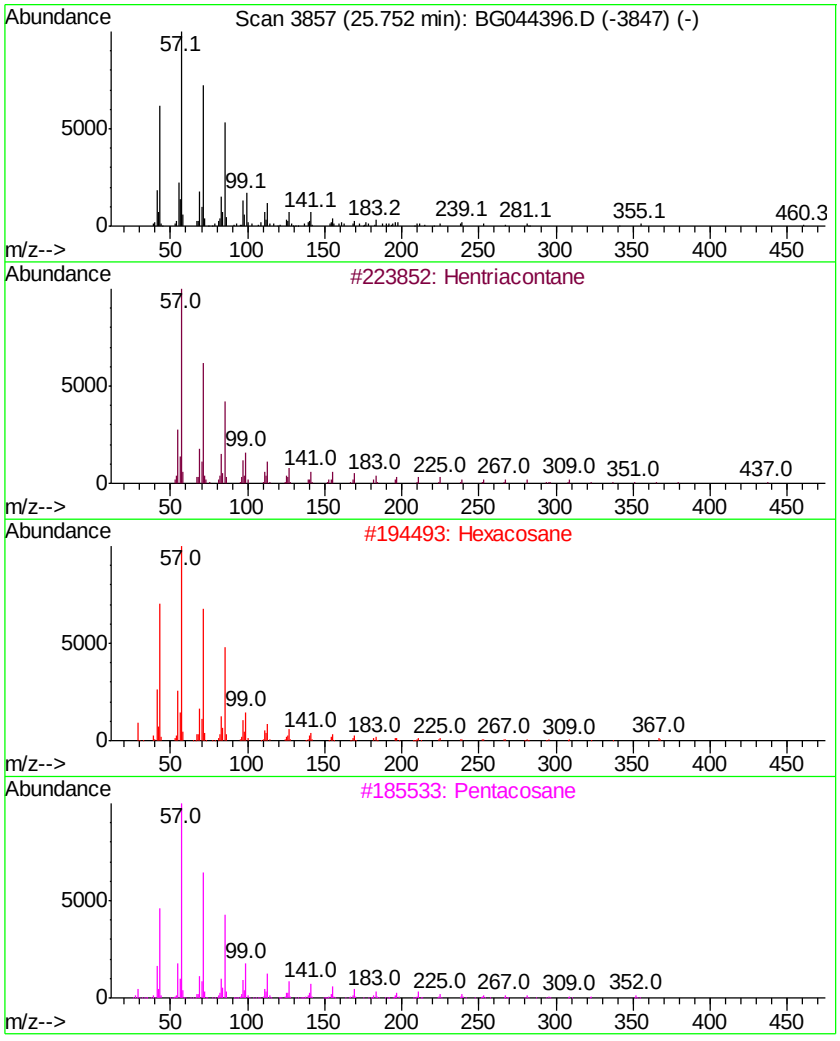
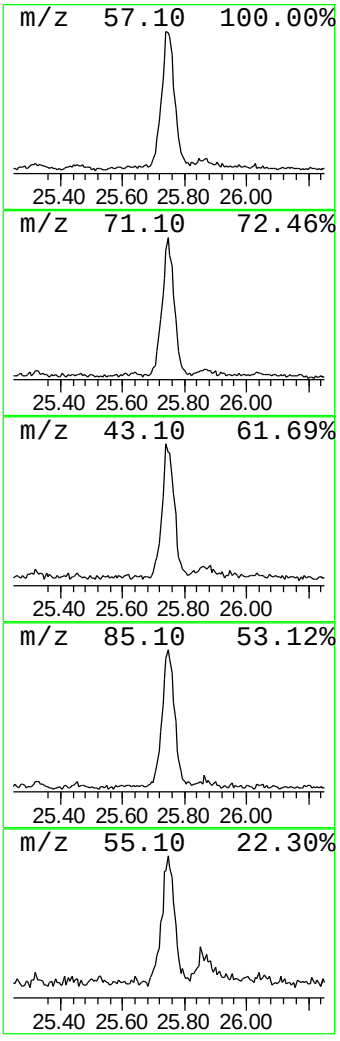
Peak Number 6 Hentriacontane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.75	3.58 ng	260720	Perylene-d12	24.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : FM-5213

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Heneicosanol	21.20	4.5	ng	306632	5	21.53	1356260	20.0
Heneicosane	22.32	2.4	ng	159957	5	21.53	1356260	20.0
Eicosane	22.99	3.6	ng	244349	5	21.53	1356260	20.0
2-methyloctacosane	23.76	4.2	ng	304783	6	24.62	1454950	20.0
Hentriacontane	25.75	3.6	ng	260720	6	24.62	1454950	20.0