LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044525.D
Acq On : 20 Feb 2020 17:57
Operator : CG/JU
Sample : L1566-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0130-SITE-WATER

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	5.459	396	403	416	rBV	498137	822953	18.58%	4.436%
2	7.057	668	675	687	rBV	339596	636890	14.38%	3.433%
3	7.879	808	815	826	rVB	184735	317084	7.16%	1.709%
4	8.202	861	870	881	rBV	833035	1443678	32.60%	7.782%
5	9.037	1004	1012	1027	rBV	603579	1124444	25.39%	6.061%
6	10.682	1284	1292	1307	rBV	228676	446661	10.09%	2.408%
7	13.144	1703	1711	1724	rBV	1679989	2694852	60.85%	14.527%
8	13.978	1848	1853	1869	rVB	31297	57685	1.30%	0.311%
9	14.524	1938	1946	1957	rBV	397616	657616	14.85%	3.545%
10	16.011	2192	2199	2221	rBV	1279088	2075812	46.87%	11.190%
11	17.268	2405	2413	2426	rBV	520073	815863	18.42%	4.398%
12	19.883	2852	2858	2868	rBV	3356588	4428530	100.00%	23.872%
13	21.181	3074	3079	3086	rBV3	101097	193493	4.37%	1.043%
14	21.246	3087	3090	3099	rVB	38945	66367	1.50%	0.358%
15	21.510	3128	3135	3147	rBV	602955	972447	21.96%	5.242%
16	21.710	3164	3169	3177	rBV	32234	50607	1.14%	0.273%
17	22.298	3263	3269	3274	rBV	51925	87740	1.98%	0.473%
18	22.956	3374	3381	3389	rBV	71664	130982	2.96%	0.706%
19	23.132	3406	3411	3419	rBV2	25730	50028	1.13%	0.270%
20	23.719	3505	3511	3519	rBV	64785	139924	3.16%	0.754%
21	24.583	3647	3658	3675	rBV	369965	1160108	26.20%	6.254%
22	25.688	3839	3846	3858	rVB4	38037	111176	2.51%	0.599%
23	26.974	4057	4065	4076	rVB5	20807	66336	1.50%	0.358%

Sum of corrected areas: 18551276

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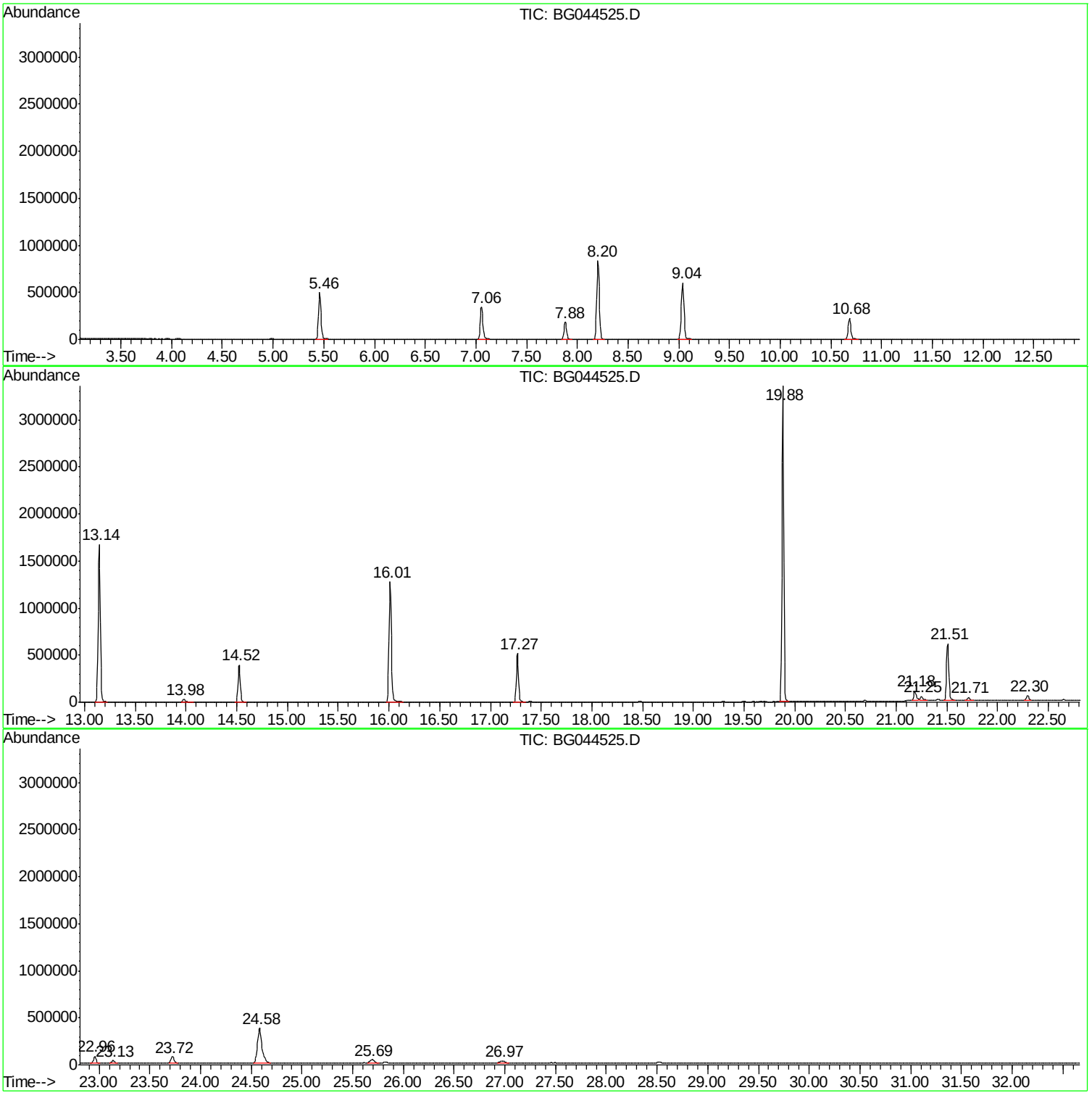
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
0130-SITE-WATER

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



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Data File : BG044525.D
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Sample : L1566-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0130-SITE-WATER

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

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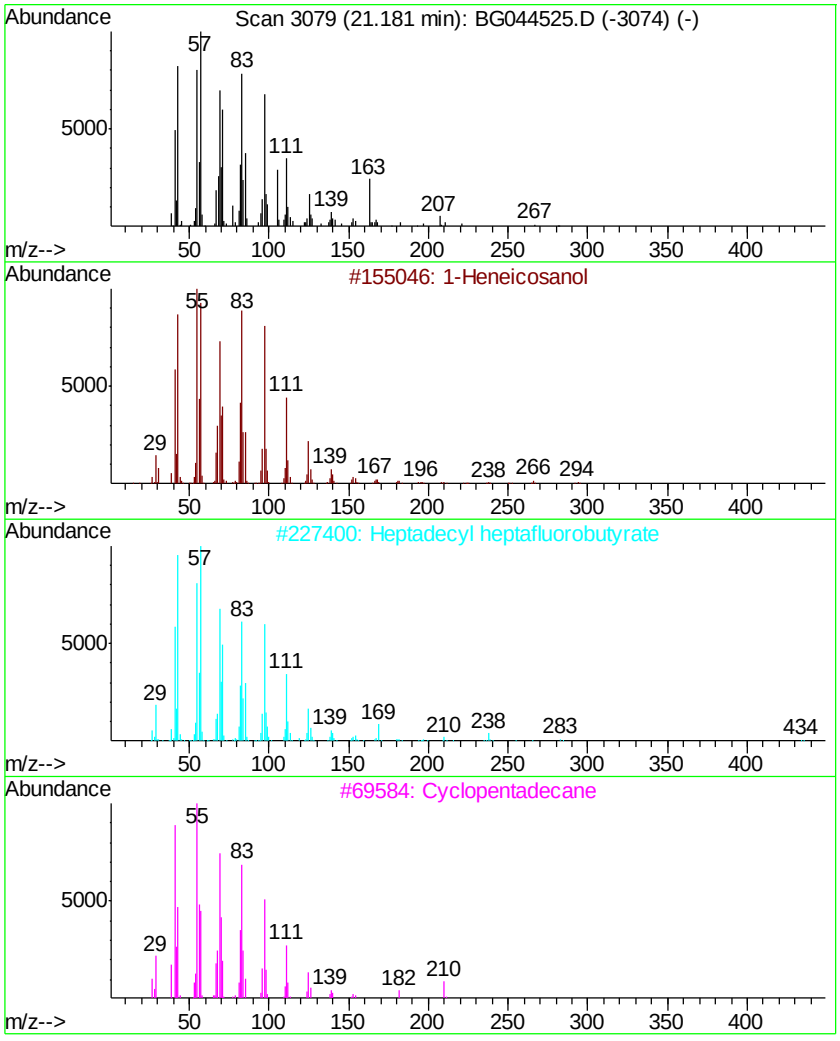
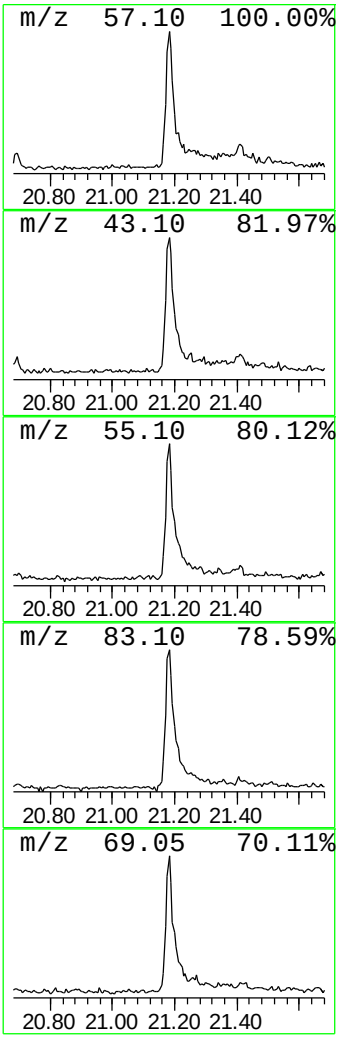
Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.18	3.98 ng	193493	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
3	Cyclopentadecane	210	C15H30	000295-48-7	93
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Library Search Compound Report

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Data File : BG044525.D
Acq On : 20 Feb 2020 17:57
Operator : CG/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : 0130-SITE-WATER

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

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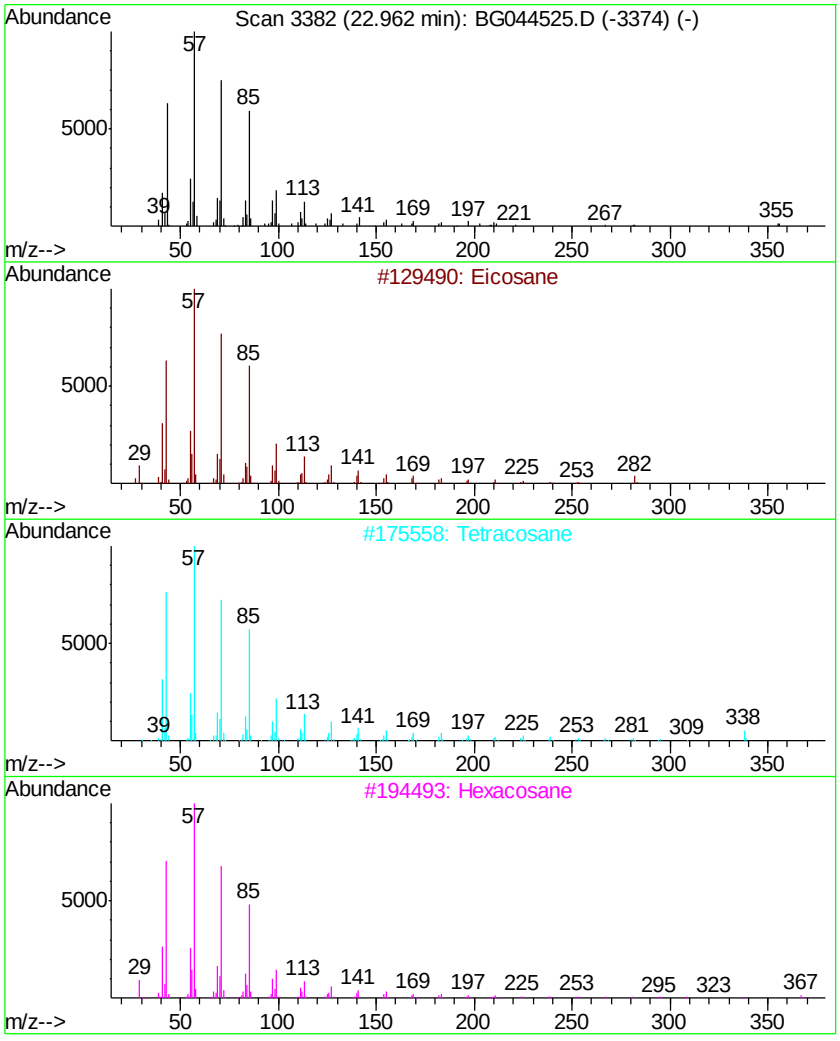
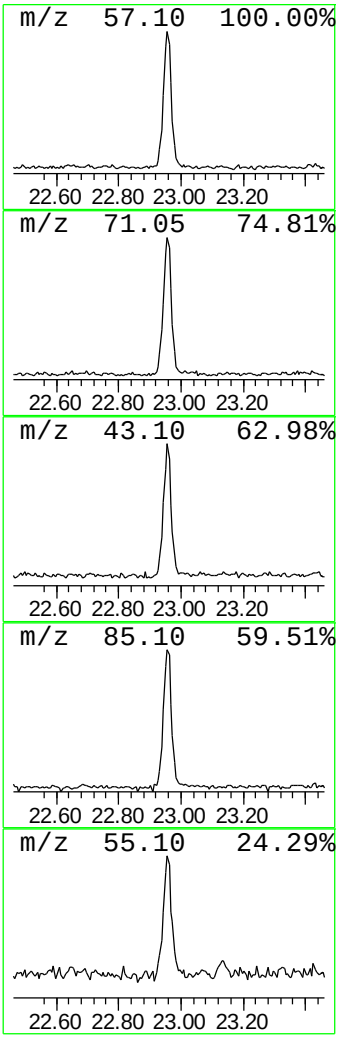
Peak Number 3 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	2.69 ng	130982	Chrysene-d12	21.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetracosane	338	C24H50	000646-31-1	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





Library Search Compound Report

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Data File : BG044525.D
Acq On : 20 Feb 2020 17:57
Operator : CG/JU
Sample : L1566-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0130-SITE-WATER

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

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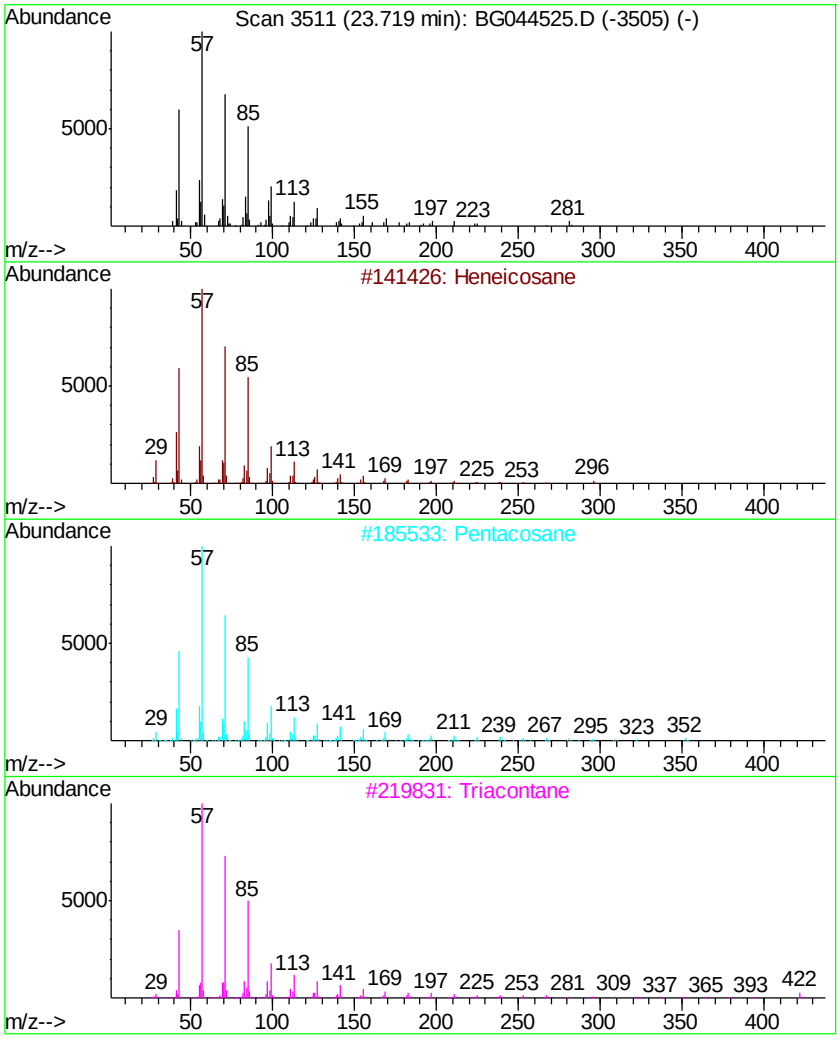
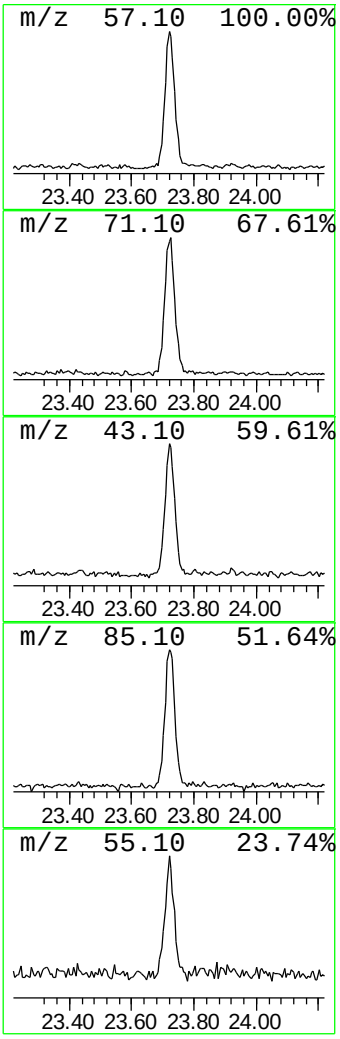
Peak Number 4 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.72	2.41 ng	139924	Perylene-d12	24.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentacosane	352	C25H52	000629-99-2	91
3	Triacontane	422	C30H62	000638-68-6	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	86





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 0130-SITE-WATER

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Heneicosanol	21.18	4.0	ng	193493	5	21.51	972447	20.0
Eicosane	22.96	2.7	ng	130982	5	21.51	972447	20.0
Heneicosane	23.72	2.4	ng	139924	6	24.58	1160110	20.0