LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038238.D
Acq On : 29 Nov 2018 18:22
Operator : JU/SJ
Sample : J6117-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

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-BG111318.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	5.626	392	398	411	rBV	267346	449344	19.19%	3.776%
2	7.230	664	671	683	rBV	218955	424379	18.13%	3.566%
3	7.606	728	735	749	rVB	461767	850667	36.34%	7.148%
4	8.082	809	816	825	rVB	115033	204152	8.72%	1.716%
5	8.405	863	871	880	rVB	416509	760920	32.50%	6.394%
6	9.257	1009	1016	1032	rVB	387830	730778	31.21%	6.141%
7	10.902	1288	1296	1305	rVB	169575	317303	13.55%	2.666%
8	13.341	1702	1711	1718	rBV	1019902	1669634	71.32%	14.031%
9	14.163	1845	1851	1856	rBV	17798	27211	1.16%	0.229%
10	14.716	1938	1945	1955	rVB2	266319	450731	19.25%	3.788%
11	16.208	2192	2199	2215	rBV	644494	1085621	46.37%	9.123%
12	17.465	2405	2413	2424	rBV2	336128	523535	22.36%	4.399%
13	20.068	2849	2856	2867	rBV	1736127	2341174	100.00%	19.674%
14	21.343	3068	3073	3077	rBV	20027	25113	1.07%	0.211%
15	21.748	3135	3142	3152	rBV	321677	565268	24.14%	4.750%
16	21.895	3161	3167	3174	rVB	45658	67635	2.89%	0.568%
17	22.512	3265	3272	3279	rBV2	74678	126512	5.40%	1.063%
18	23.211	3383	3391	3401	rBV2	101500	202373	8.64%	1.701%
19	24.040	3523	3532	3542	rBV	91375	223452	9.54%	1.878%
20	25.003	3688	3696	3701	rBV2	80967	216245	9.24%	1.817%
21	25.074	3701	3708	3721	rVB4	112474	385037	16.45%	3.236%
22	26.167	3882	3894	3903	rBV2	53584	167603	7.16%	1.408%
23	27.553	4120	4130	4143	rVB5	23682	85304	3.64%	0.717%

Sum of corrected areas: 11899991

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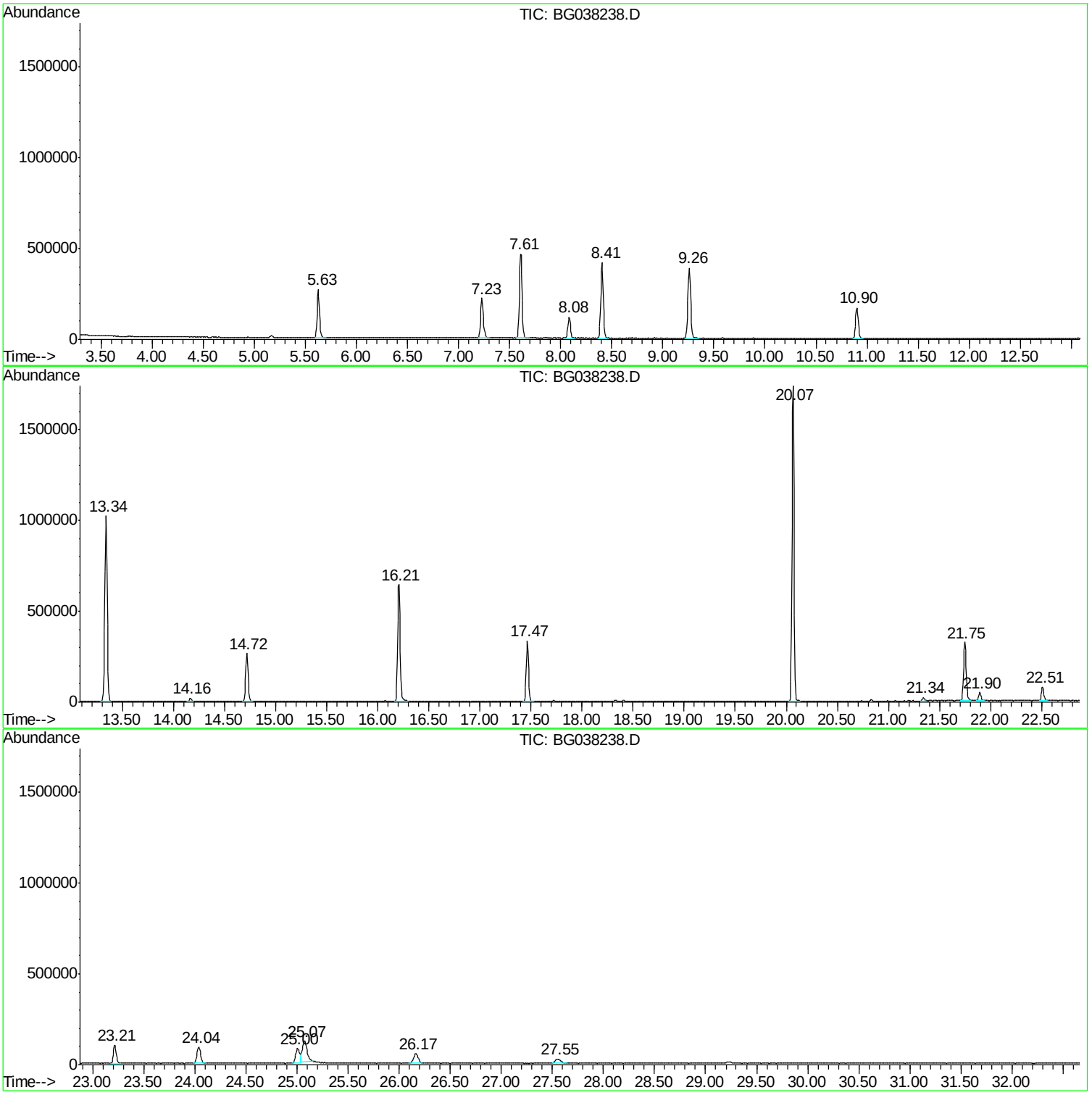
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
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TIC Library : C:\Database\NIST11.L
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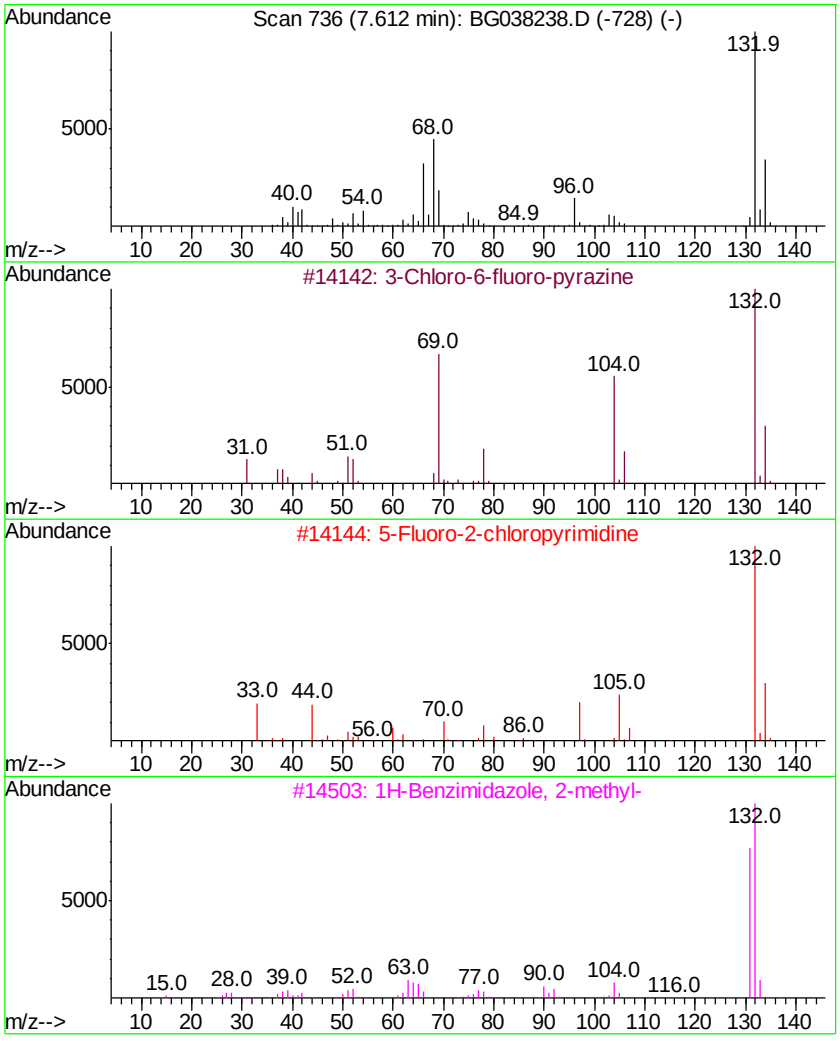
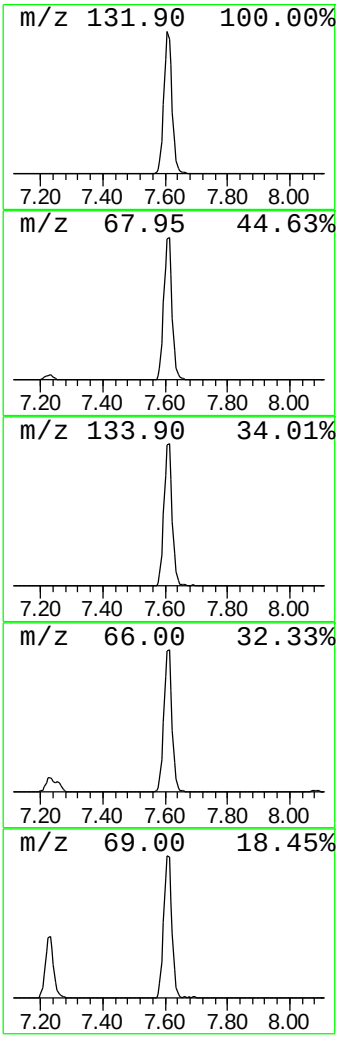
****

Peak Number 1 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	83.34 ng	850667	1,4-Dichlorobenzene-d4	8.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Sample : J6117-01
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Instrument : BNA_G
ClientSampleId : W-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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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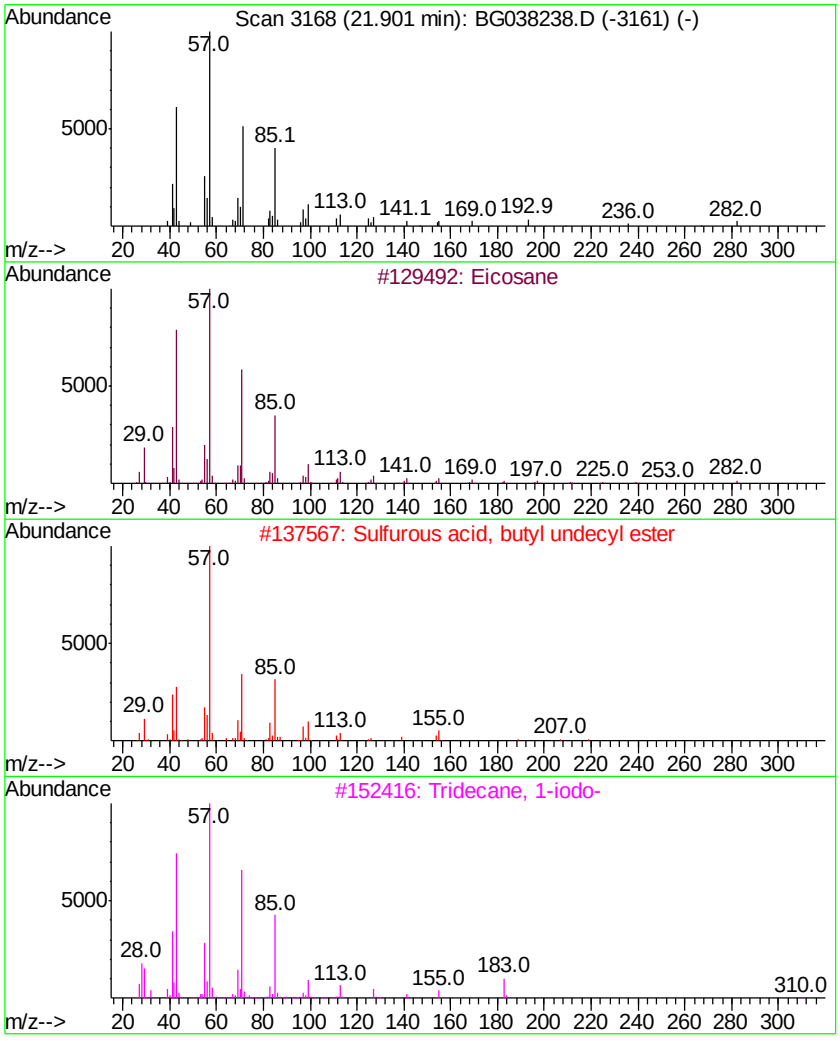
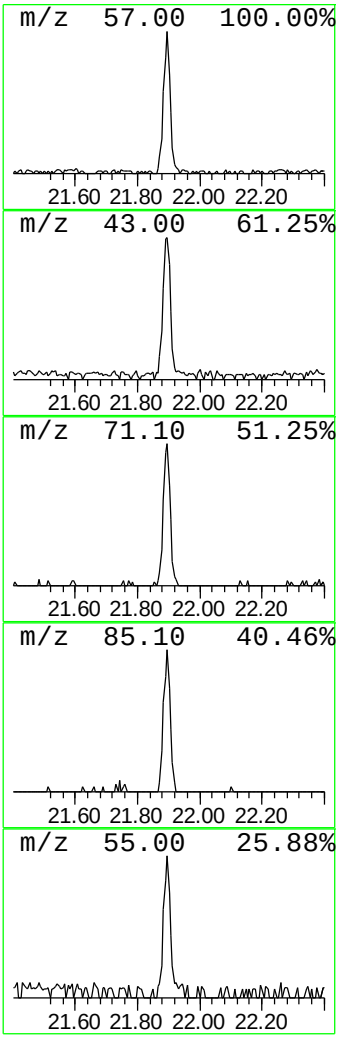
Peak Number 3 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.90	2.39 ng	67635	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Nonadecane	268	C19H40	000629-92-5	80
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72





Library Search Compound Report

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Data File : BG038238.D
Acq On : 29 Nov 2018 18:22
Operator : JU/SJ
Sample : J6117-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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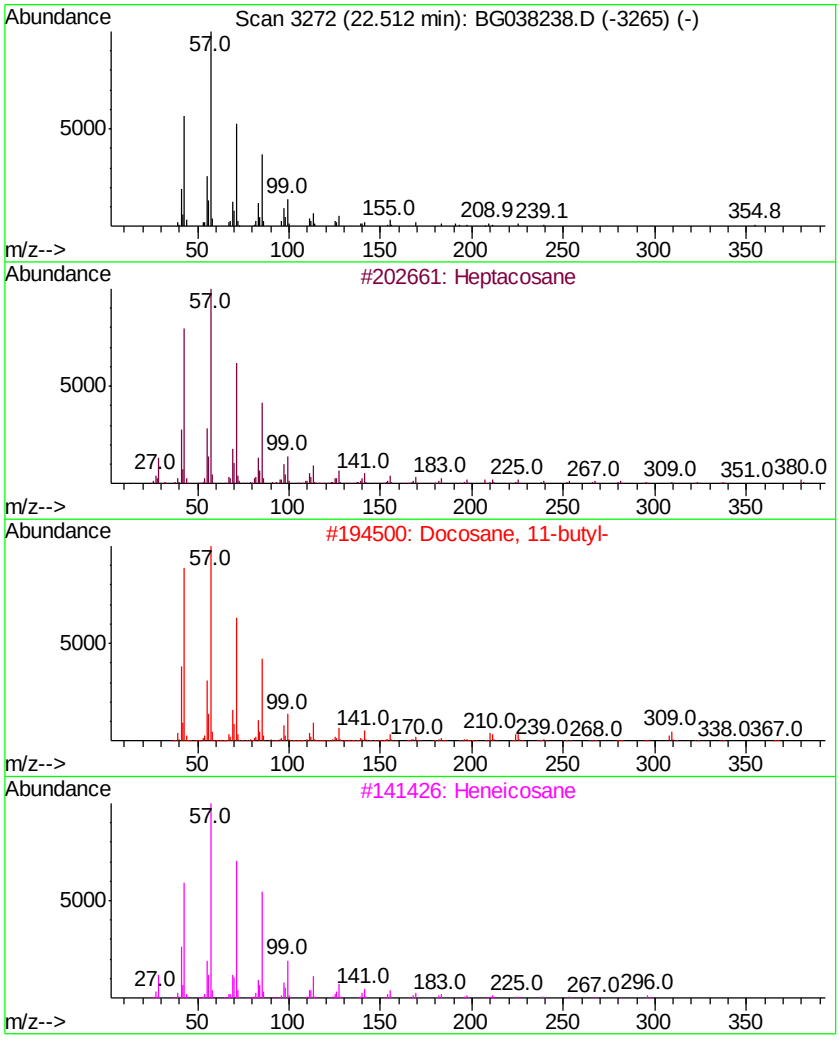
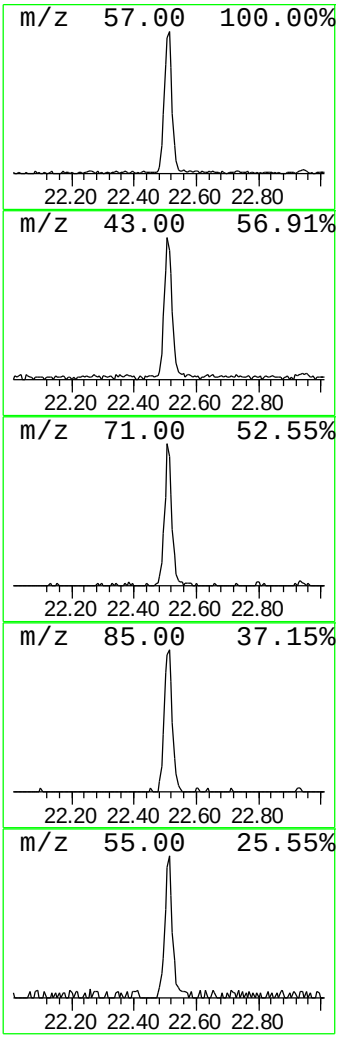
Peak Number 4 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	4.48 ng	126512	Chrysene-d12	21.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Hexacosane	366	C26H54	000630-01-3	87





Library Search Compound Report

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Data File : BG038238.D
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Operator : JU/SJ
Sample : J6117-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.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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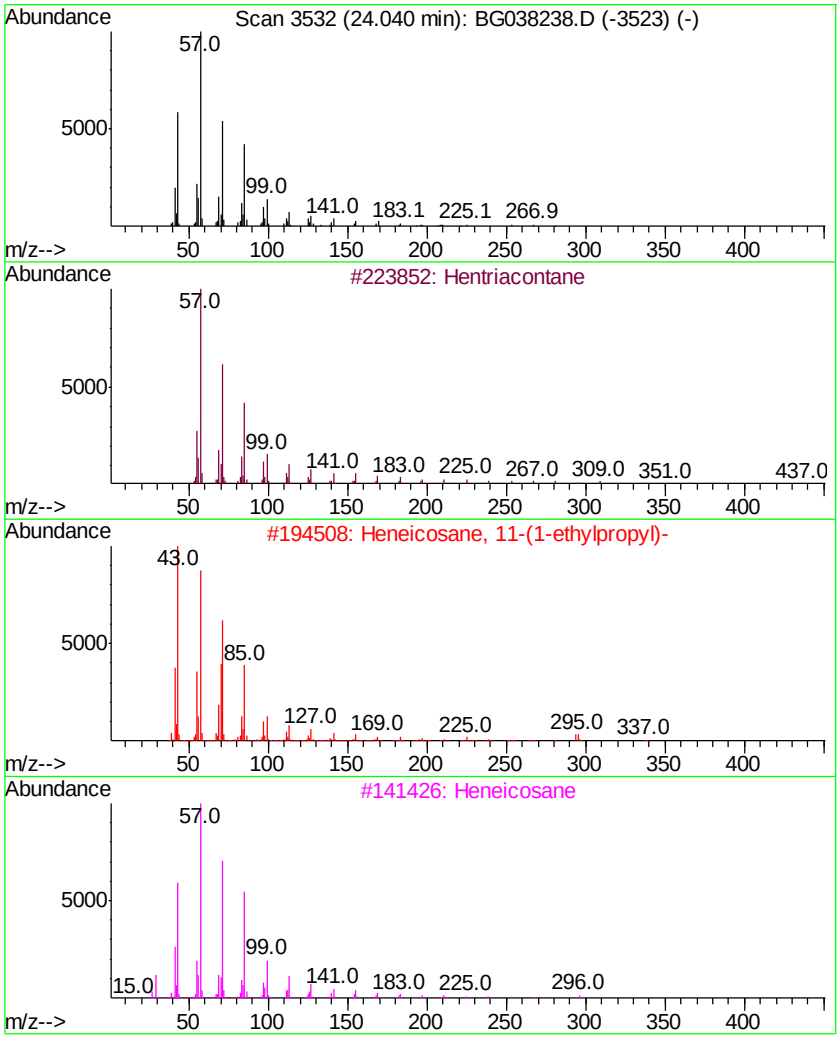
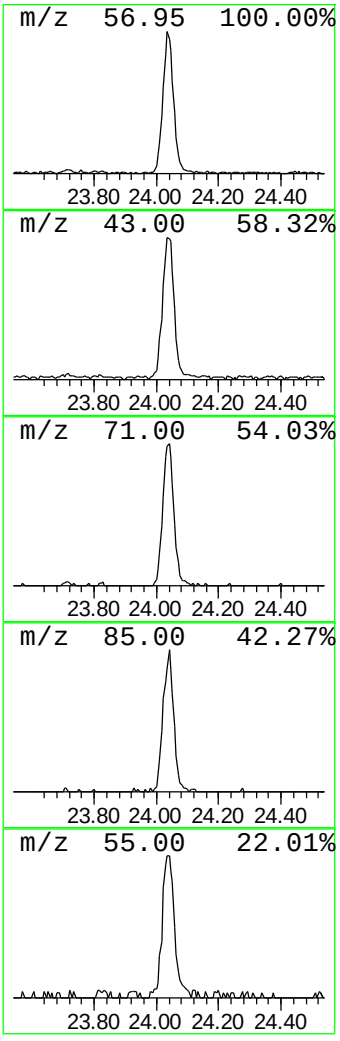
Peak Number 6 Hentriacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	11.61 ng	223452	Perylene-d12	25.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038238.D
Acq On : 29 Nov 2018 18:22
Operator : JU/SJ
Sample : J6117-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

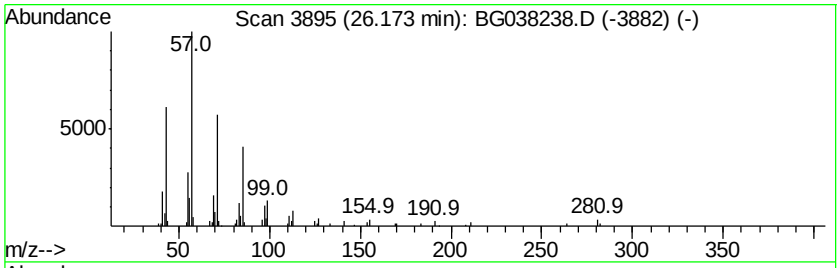
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

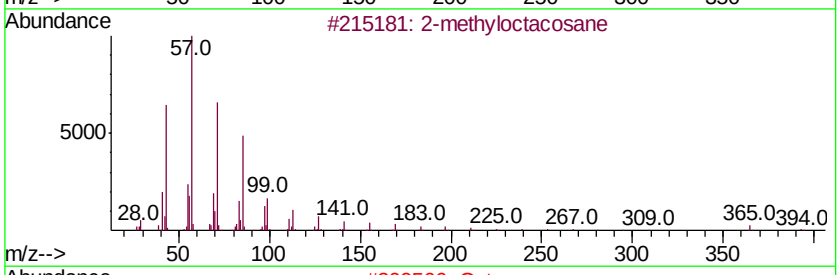
****

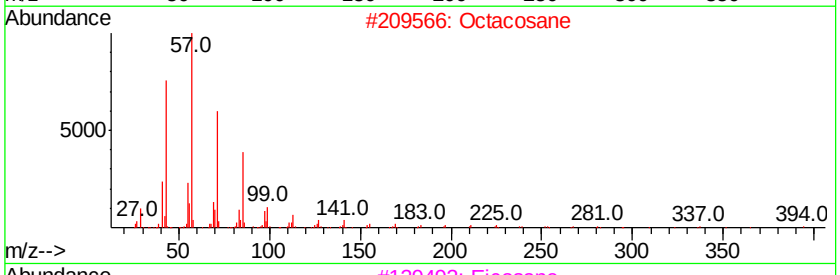
Peak Number 8 2-methyloctacosane Concentration Rank 5

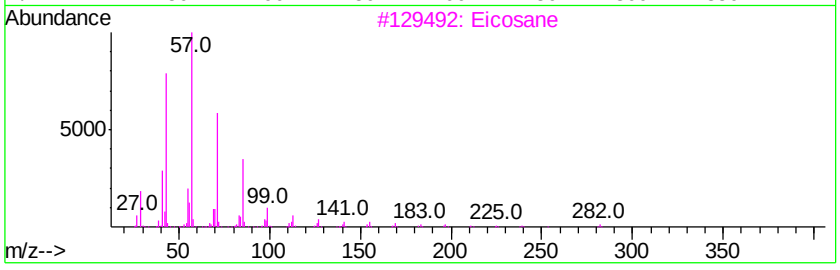
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.17	8.71 ng	167603	Perylene-d12	25.08

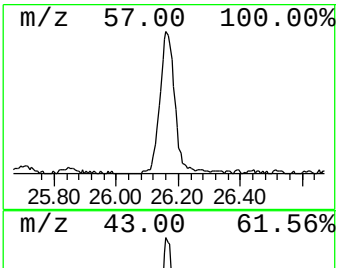
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane	282	C20H42	000112-95-8	87
4	Docosane	310	C22H46	000629-97-0	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86

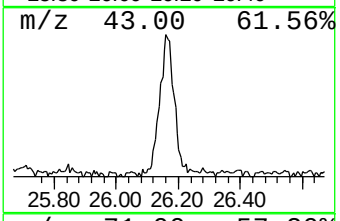


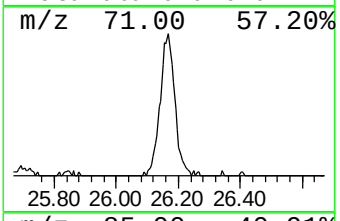


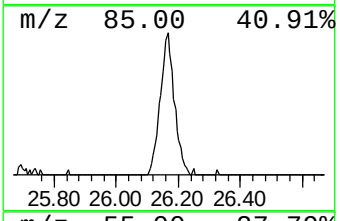


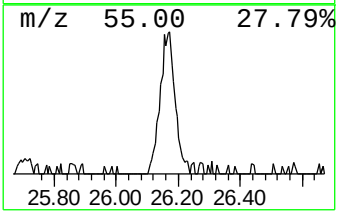












Tentatively Identified Compound (LSC) summary

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Data File : BG038238.D
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Instrument : BNA_G
ClientSampleId : W-1

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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
unknown7.61	7.61	83.3	ng	850667	1	8.08	204152	20.0
Eicosane	21.90	2.4	ng	67635	5	21.75	565268	20.0
Heptacosane	22.51	4.5	ng	126512	5	21.75	565268	20.0
Hentriacontane	24.04	11.6	ng	223452	6	25.08	385037	20.0
2-methyloctacosane	26.17	8.7	ng	167603	6	25.08	385037	20.0