LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017665.D
Acq On : 13 Jun 2015 8:58
Operator : TP/IZ
Sample : G2599-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VALHALLA-B3-12.5-13

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:\HPCHEM1\BNA_G\METHODS\8270-BG061215.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	4.621	325	329	334	rVB3	16378	24471	1.14%	0.256%
2	5.114	407	413	422	rBV	332288	497331	23.10%	5.200%
3	6.736	682	689	699	rBV	349854	559113	25.97%	5.846%
4	7.065	738	745	755	rBV	394700	598691	27.80%	6.259%
5	7.523	817	823	829	rBV2	99619	153464	7.13%	1.604%
6	7.841	870	877	885	rBV	303809	456089	21.18%	4.768%
7	8.693	1015	1022	1031	rBV	206208	349447	16.23%	3.653%
8	10.320	1292	1299	1309	rVB	110196	191734	8.90%	2.005%
9	12.817	1714	1724	1732	rBV	593152	862757	40.07%	9.020%
10	13.675	1864	1870	1875	rBV	81064	118944	5.52%	1.244%
11	14.204	1955	1960	1974	rBV2	189111	302503	14.05%	3.163%
12	15.708	2210	2216	2226	rBV	724605	1037865	48.20%	10.851%
13	16.959	2424	2429	2435	rBV2	324691	458619	21.30%	4.795%
14	17.870	2580	2584	2591	rBV3	62580	91115	4.23%	0.953%
15	19.163	2800	2804	2809	rBV5	21500	37431	1.74%	0.391%
16	19.603	2873	2879	2886	rBV	1823231	2153180	100.00%	22.512%
17	20.878	3090	3096	3103	rBV9	54703	91856	4.27%	0.960%
18	21.160	3139	3144	3152	rBV	545522	680125	31.59%	7.111%
19	22.188	3315	3319	3325	rBV7	62809	91790	4.26%	0.960%
20	22.312	3336	3340	3346	rVB	122740	159666	7.42%	1.669%
21	23.358	3511	3518	3526	rVB	357814	648545	30.12%	6.781%

Sum of corrected areas: 9564736

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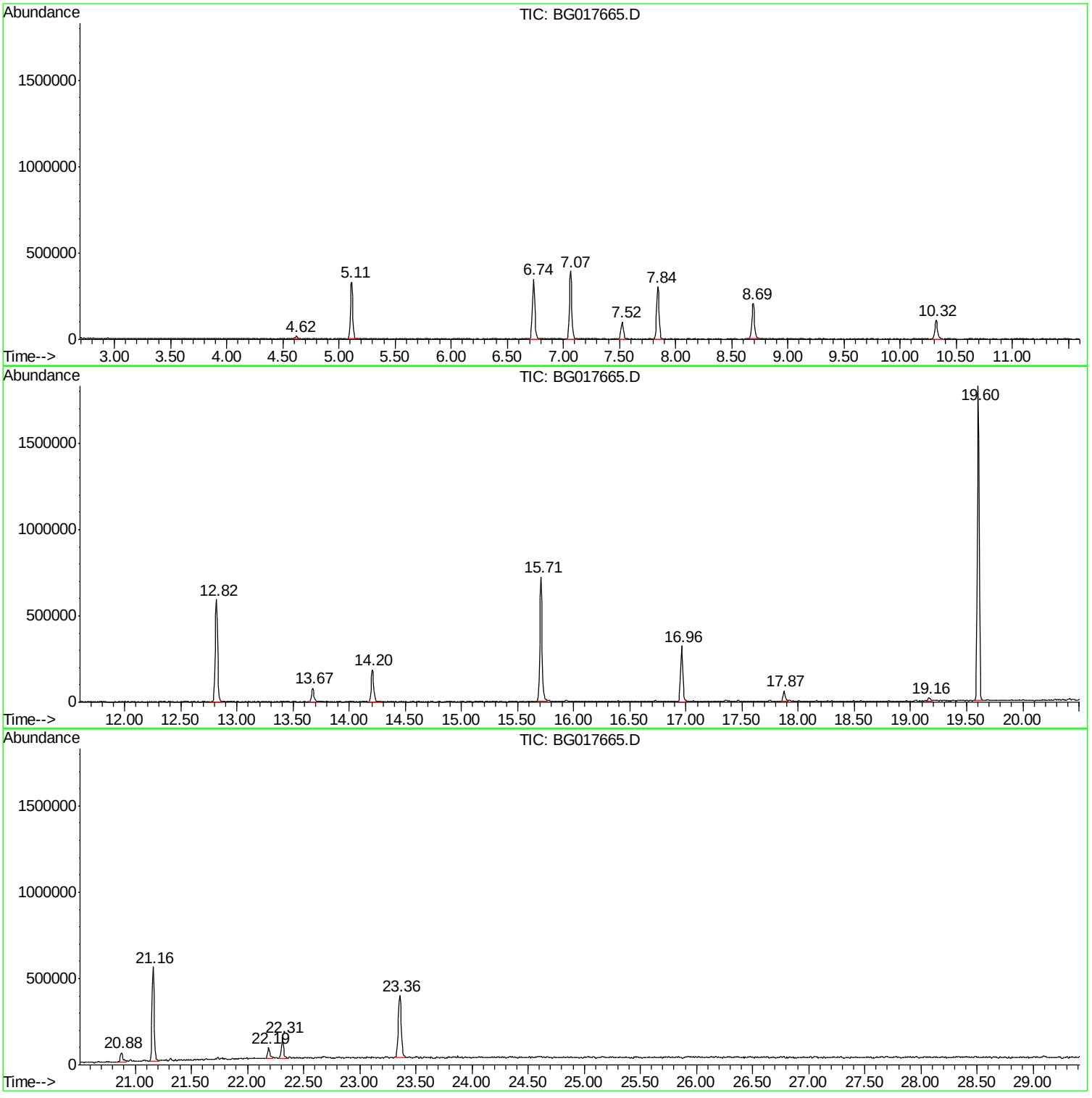
Instrument :
BNA_G
ClientSampleId :
VALHALLA-B3-12.5-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061215\
Data File : BG017665.D
Acq On : 13 Jun 2015 8:58
Operator : TP/IZ
Sample : G2599-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VALHALLA-B3-12.5-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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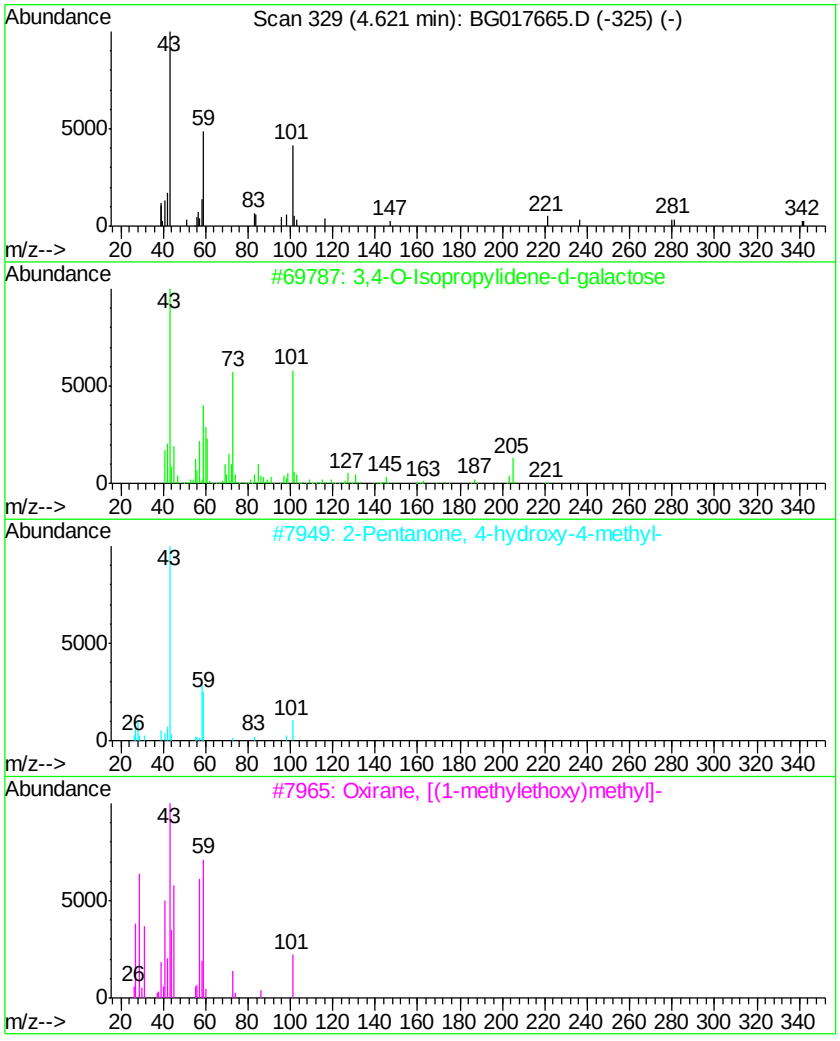
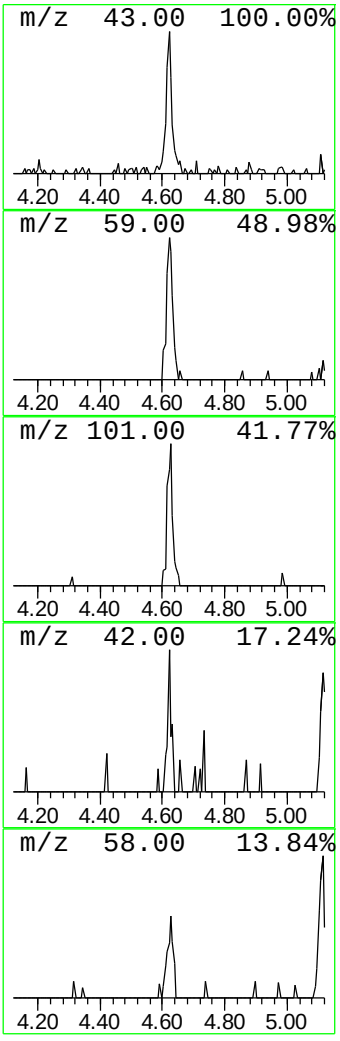
Peak Number 1 unknown4.62 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	3.19 ng	24471	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-O-Isopropylidene-d-galactose	220	C9H16O6	1000129-84-6	28
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
3	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	17
4	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	12
5	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9





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Sample : G2599-07
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ClientSampleId : VALHALLA-B3-12.5-13

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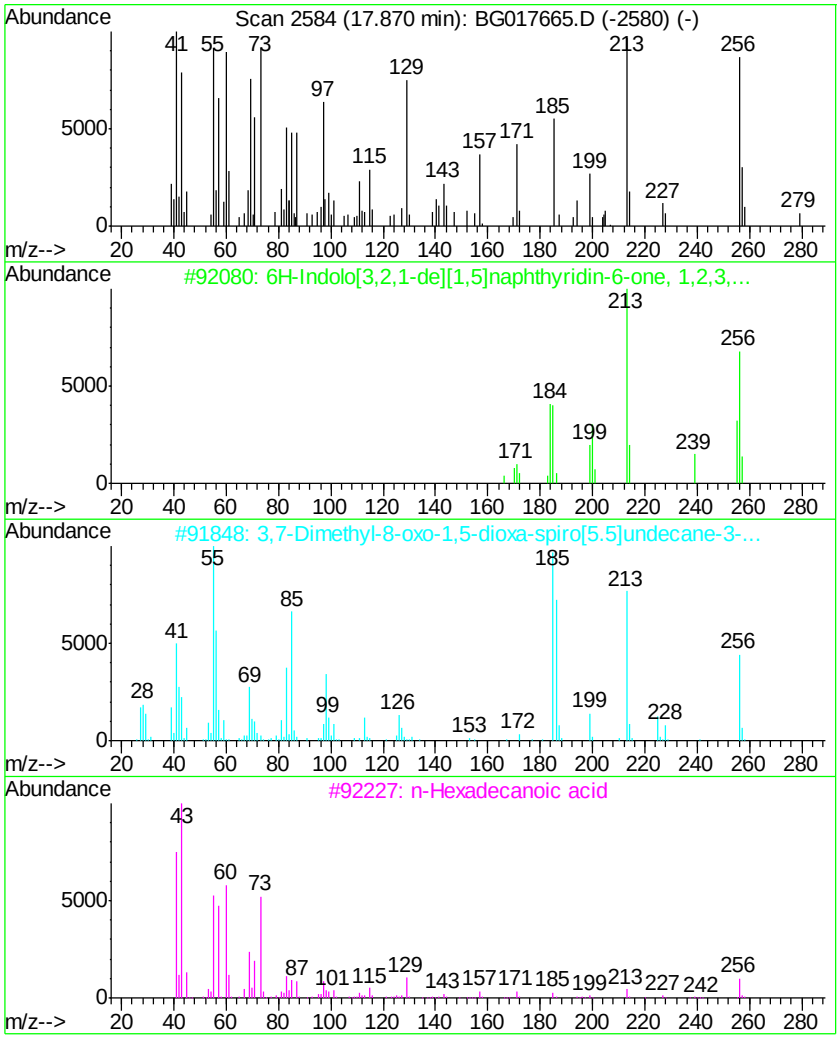
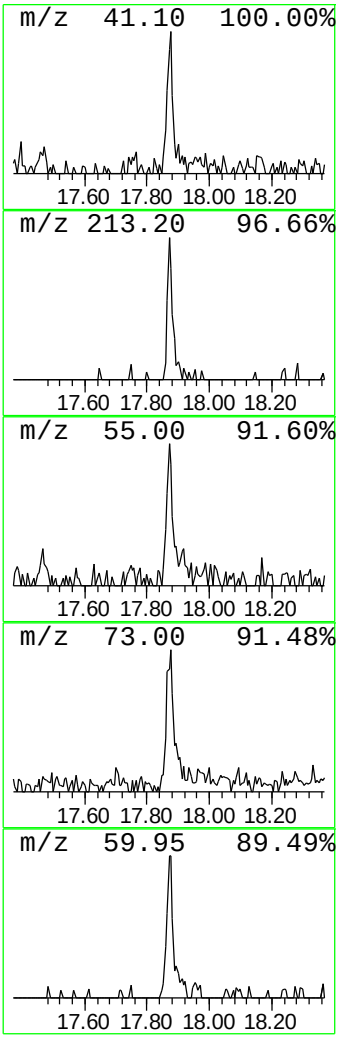
Peak Number 4 6H-Indolo[3,2,1-de][1,5]nap... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.97 ng	91115	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Indolo[3,2,1-de][1,5]naphthyr...	256	C15H16N2O2	050630-67-6	59
2	3,7-Dimethyl-8-oxo-1,5-dioxa-spi...	256	C13H20O5	1000193-79-8	42
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	35
4	5-Acetoxypentadecane	270	C17H34O2	1000245-62-3	25
5	Thiazolo[4,5-d]pyrimidin-7(4H)-one	213	C7H7N3OS2	1000153-89-3	25





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Operator : TP/IZ
Sample : G2599-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VALHALLA-B3-12.5-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
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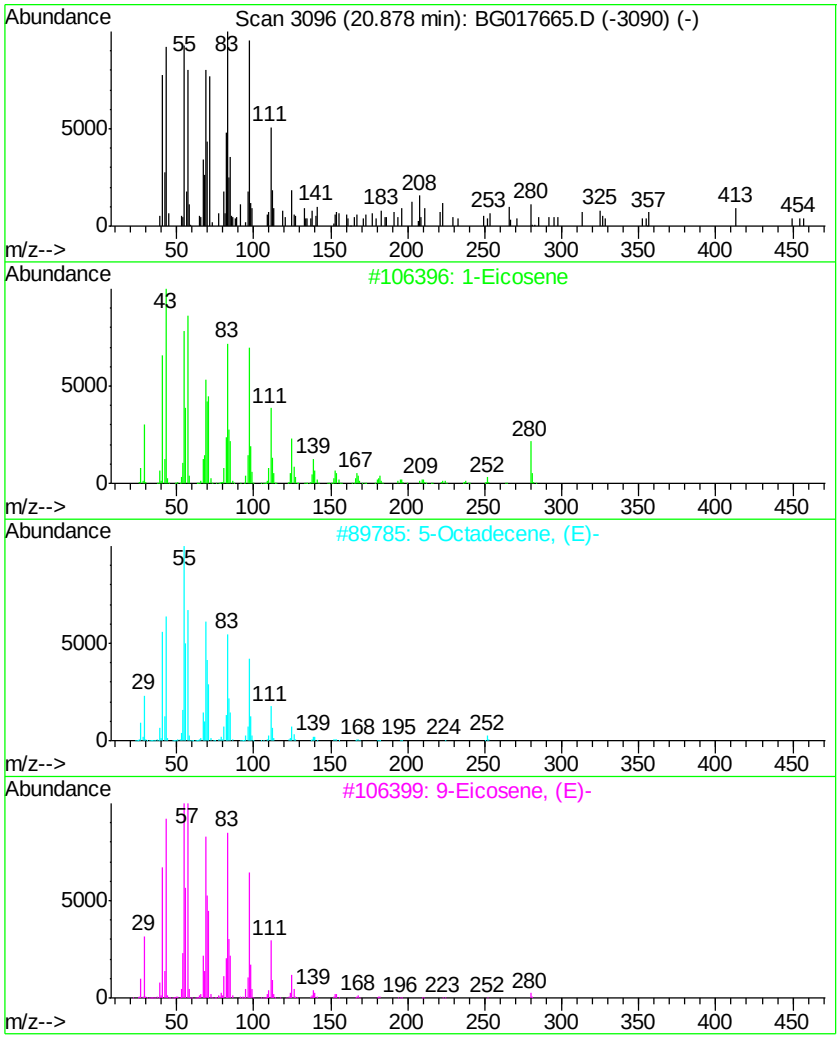
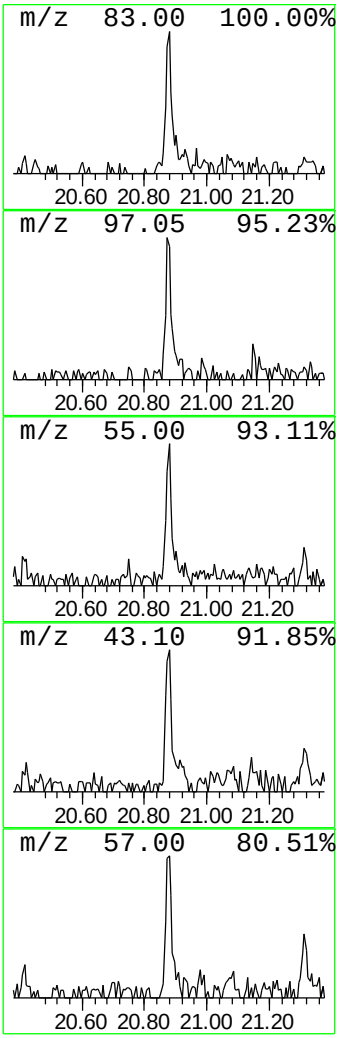
Peak Number 5 1-Eicosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	2.70 ng	91856	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	78
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	74
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	68
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	68
5	17-Pentatriacontene	491	C35H70	006971-40-0	64





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Sample : G2599-07
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VALHALLA-B3-12.5-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
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TIC Integration Parameters: LSCINT.P

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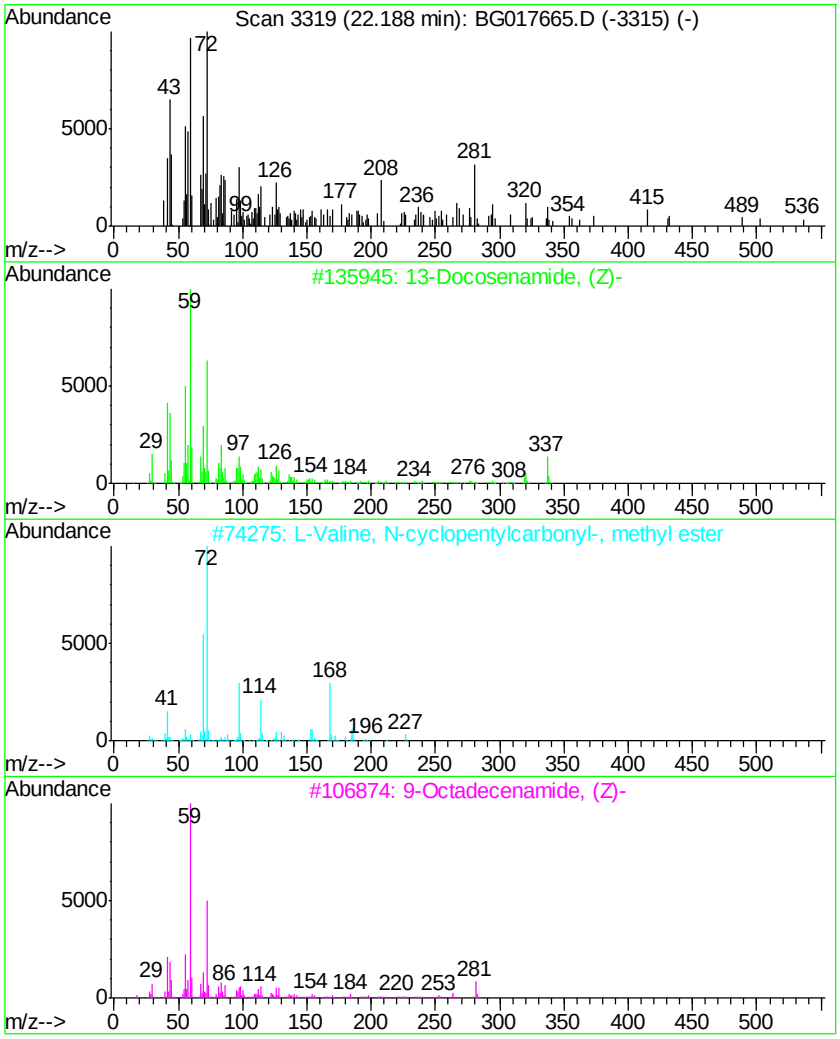
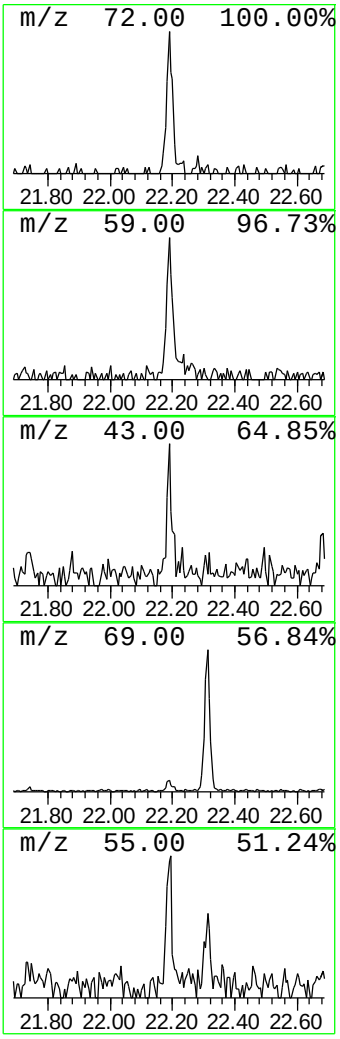
Peak Number 6 13-Docosenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.19	2.70 ng	91790	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	93
2	L-Valine, N-cyclopentylcarbonyl-...	227	C12H21NO3	1000282-53-1	42
3	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	41
4	Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FNO3	061338-98-5	35
5	2-Butene, 1-propoxy-	114	C7H14O	018409-01-3	27





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VALHALLA-B3-12.5-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061215.M
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TIC Integration Parameters: LSCINT.P

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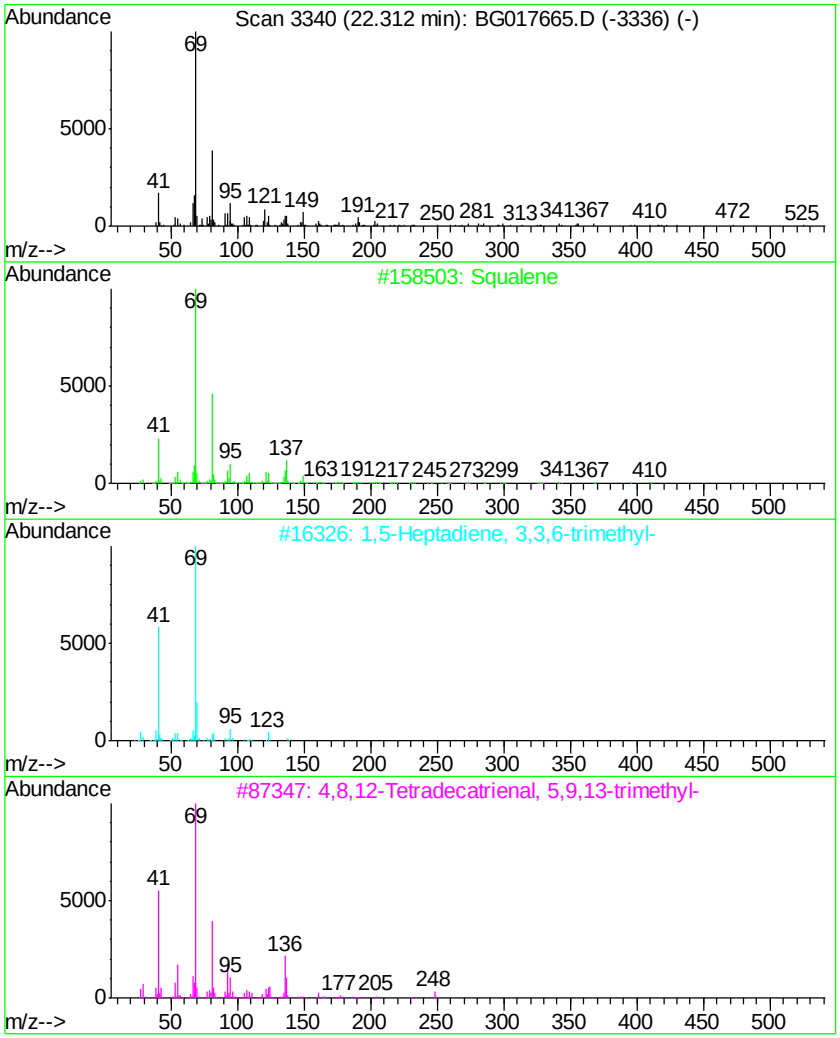
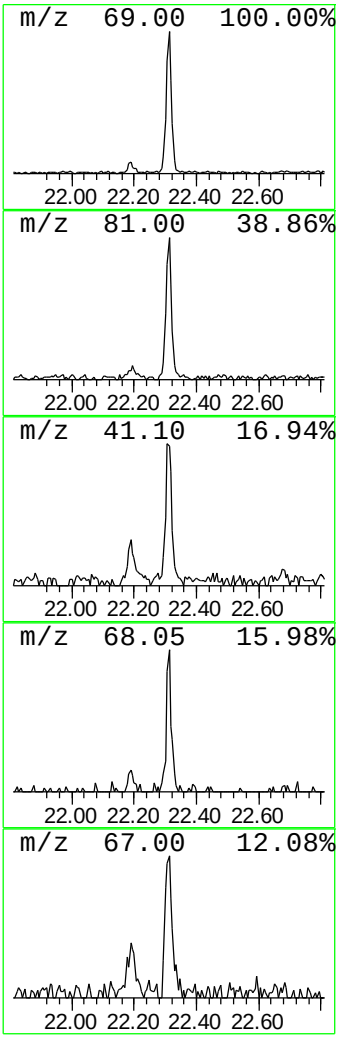
Peak Number 7 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	4.92 ng	159666	Perylene-d12	23.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	83
2	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	72
3	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	64
5	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	64





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.62	4.62	3.2	ng	24471	1	7.52	153464	20.0
6H-Indolo[3,2,1-d...	17.87	4.0	ng	91115	4	16.96	458619	20.0
1-Eicosene	20.88	2.7	ng	91856	5	21.16	680125	20.0
13-Docosenamide, ...	22.19	2.7	ng	91790	5	21.16	680125	20.0
Squalene	22.31	4.9	ng	159666	6	23.36	648545	20.0