LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024673.D
Acq On : 4 Nov 2016 8:53
Operator : UM/SJ
Sample : H5509-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-89-7.8-10.0

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-BG102516.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	3.595	123	129	138	rBV3	80910	159589	1.51%	0.324%
2	5.329	419	424	434	rVB	279430	447250	4.23%	0.907%
3	5.799	496	504	513	rBV	1576820	2661805	25.15%	5.397%
4	7.403	768	777	784	rBV	1218246	2164182	20.45%	4.388%
5	7.790	835	843	854	rBV	2103688	3762522	35.55%	7.629%
6	8.266	915	924	937	rBV2	375510	682944	6.45%	1.385%
7	8.595	972	980	990	rBV	1651884	3060511	28.92%	6.205%
8	9.441	1113	1124	1132	rBV	1522602	2790322	26.37%	5.658%
9	11.092	1395	1405	1411	rBV	502079	949966	8.98%	1.926%
10	13.507	1807	1816	1824	rVB	3822805	6106977	57.71%	12.382%
11	14.882	2041	2050	2057	rBV2	815361	1315038	12.43%	2.666%
12	15.252	2105	2113	2122	rBV3	159172	322690	3.05%	0.654%
13	16.363	2295	2302	2319	rBV	3733363	6006036	56.75%	12.178%
14	17.626	2509	2517	2521	rBV	1116932	1791948	16.93%	3.633%
15	17.661	2521	2523	2528	rVB2	101587	142706	1.35%	0.289%
16	19.659	2858	2863	2868	rBV2	82038	113306	1.07%	0.230%
17	20.205	2950	2956	2966	rVB	7765270	10582549	100.00%	21.457%
18	20.969	3079	3086	3105	rVB2	244468	963071	9.10%	1.953%
19	21.915	3240	3247	3254	rBV	1383485	2407814	22.75%	4.882%
20	24.183	3616	3633	3635	rBV8	116510	493091	4.66%	1.000%
21	25.346	3816	3831	3844	rBV	738778	2396261	22.64%	4.859%

Sum of corrected areas: 49320578

LSC Report - Integrated Chromatogram

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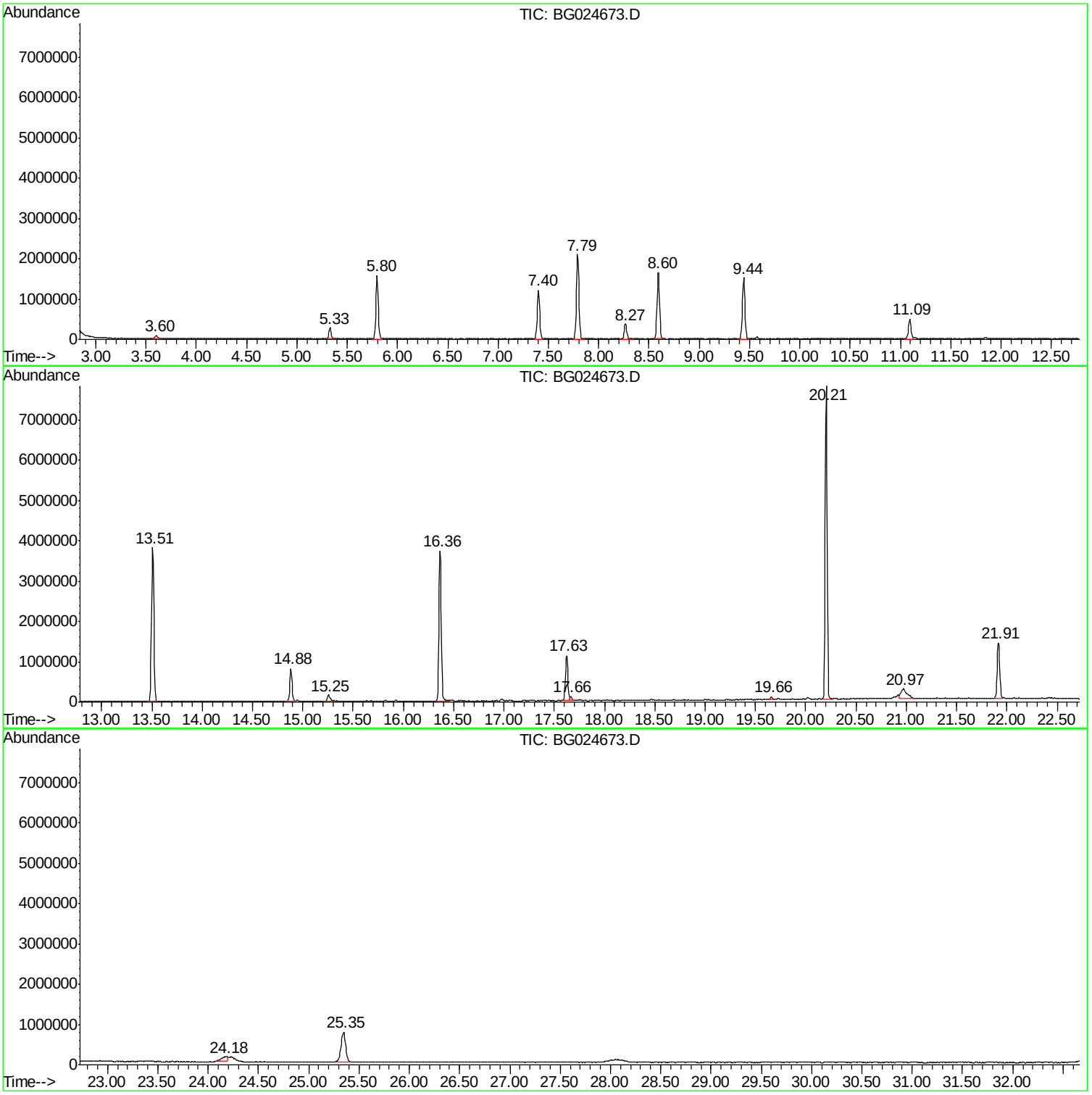
BNA_G
ClientSampleId :
GW-89-7.8-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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TIC Integration Parameters: LSCINT.P

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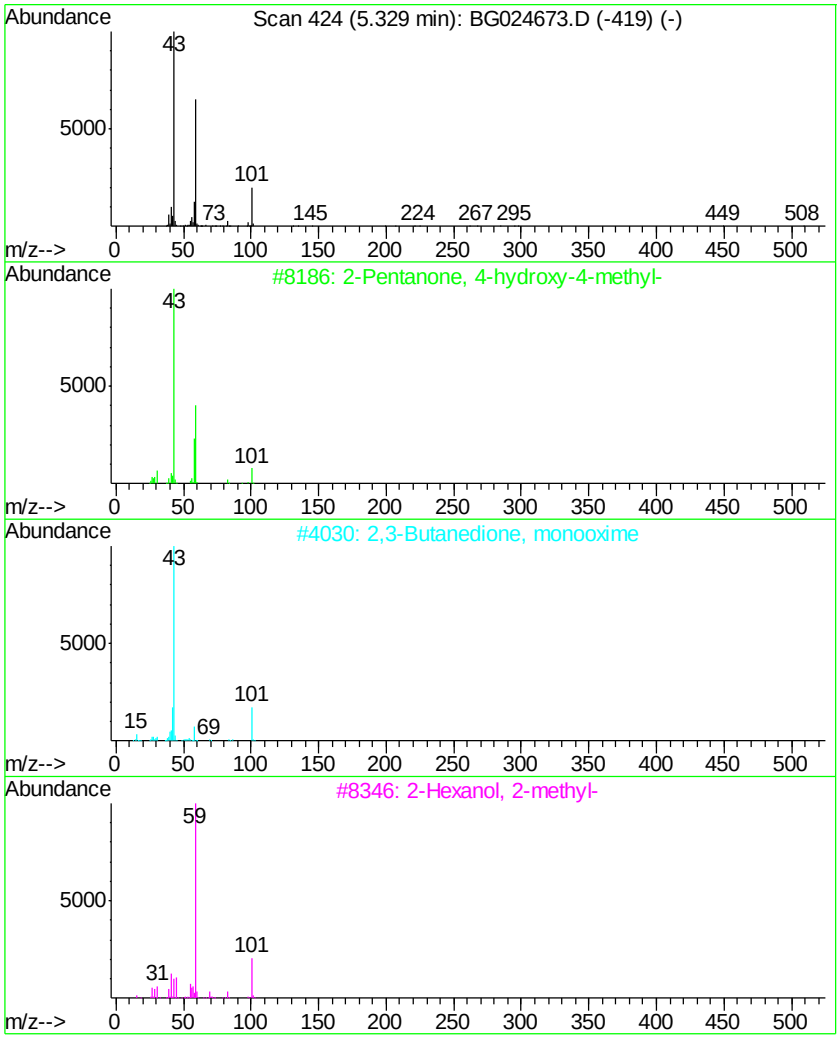
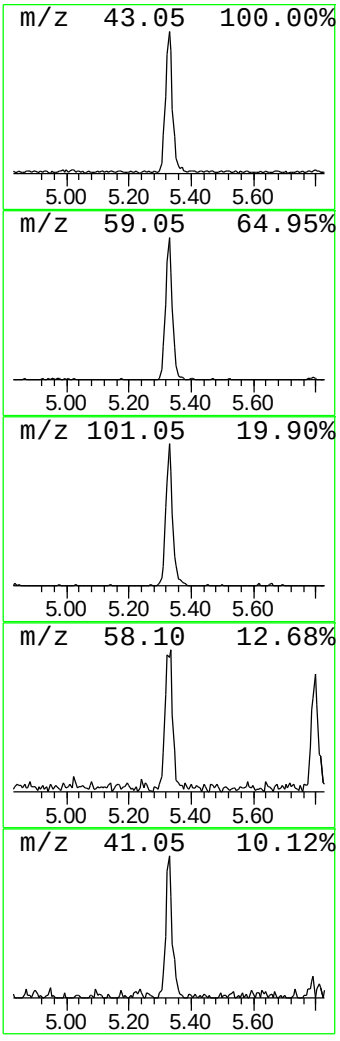
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	13.10 ng	447250	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1,2-Butanediol	90	C4H10O2	000584-03-2	9
5	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	9





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Sample : H5509-19
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ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-89-7.8-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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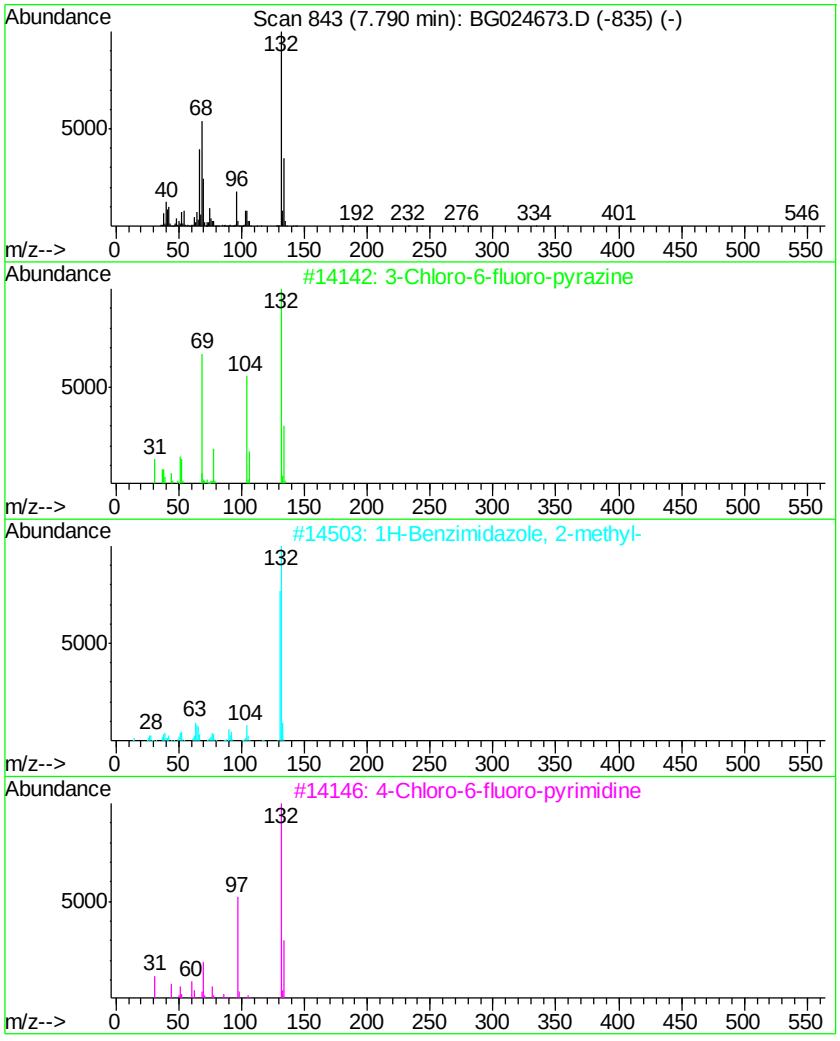
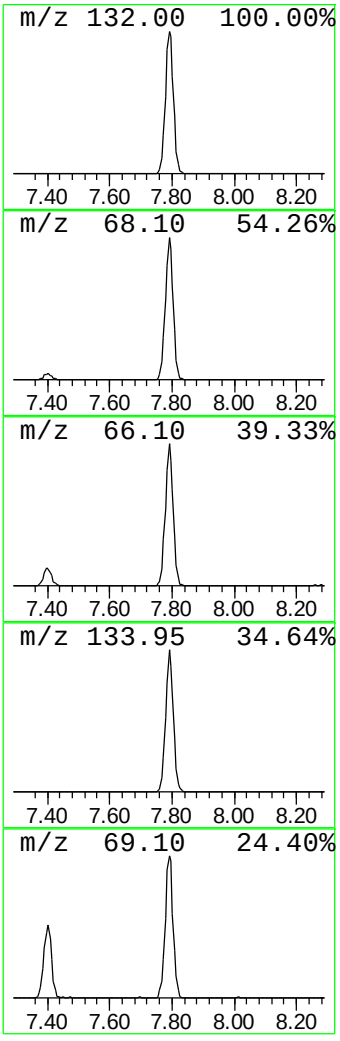
Peak Number 3 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	110.19 ng	3762520	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	5-Aminoindole	132	C8H8N2	005192-03-0	9
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	9





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ClientSampleId : GW-89-7.8-10.0

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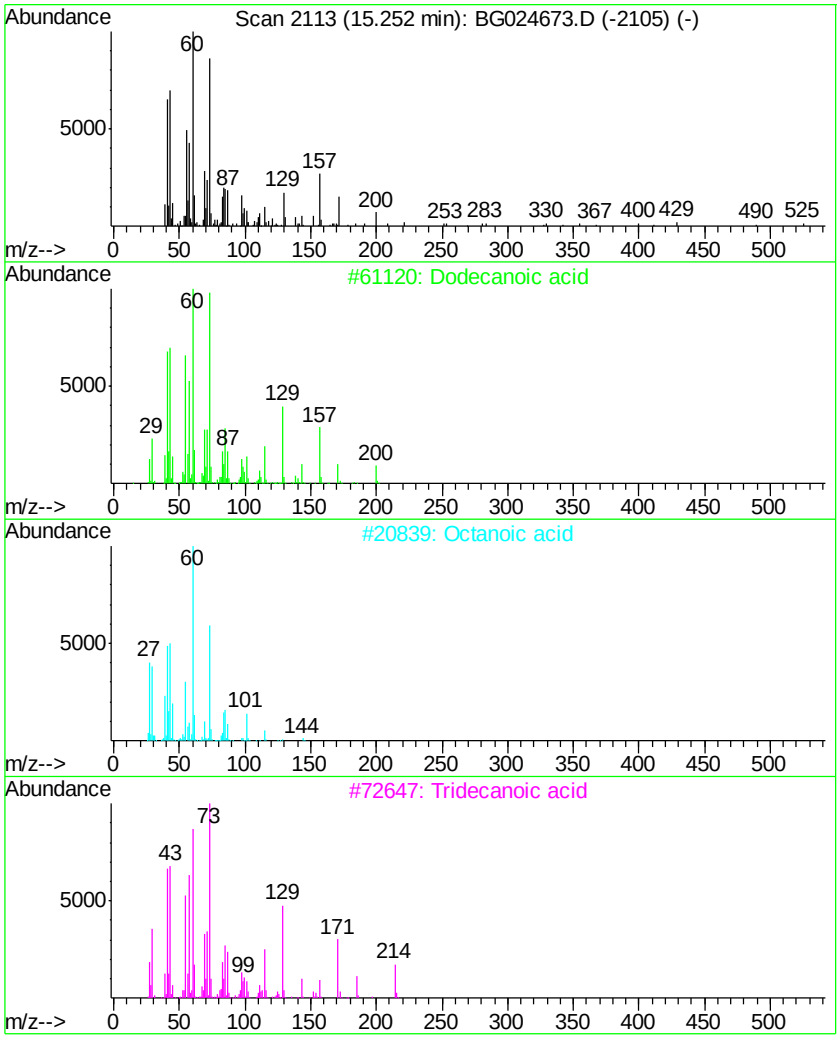
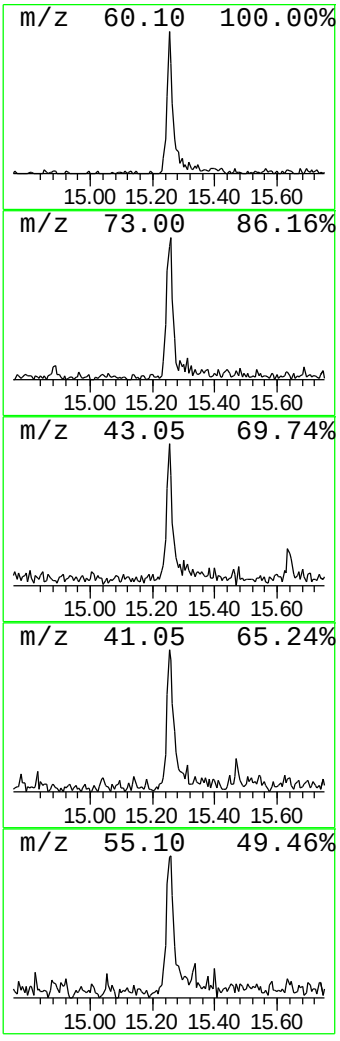
Peak Number 5 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	4.91 ng	322690	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	72
2	Octanoic acid	144	C8H16O2	000124-07-2	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Instrument : BNA_G
ClientSampleId : GW-89-7.8-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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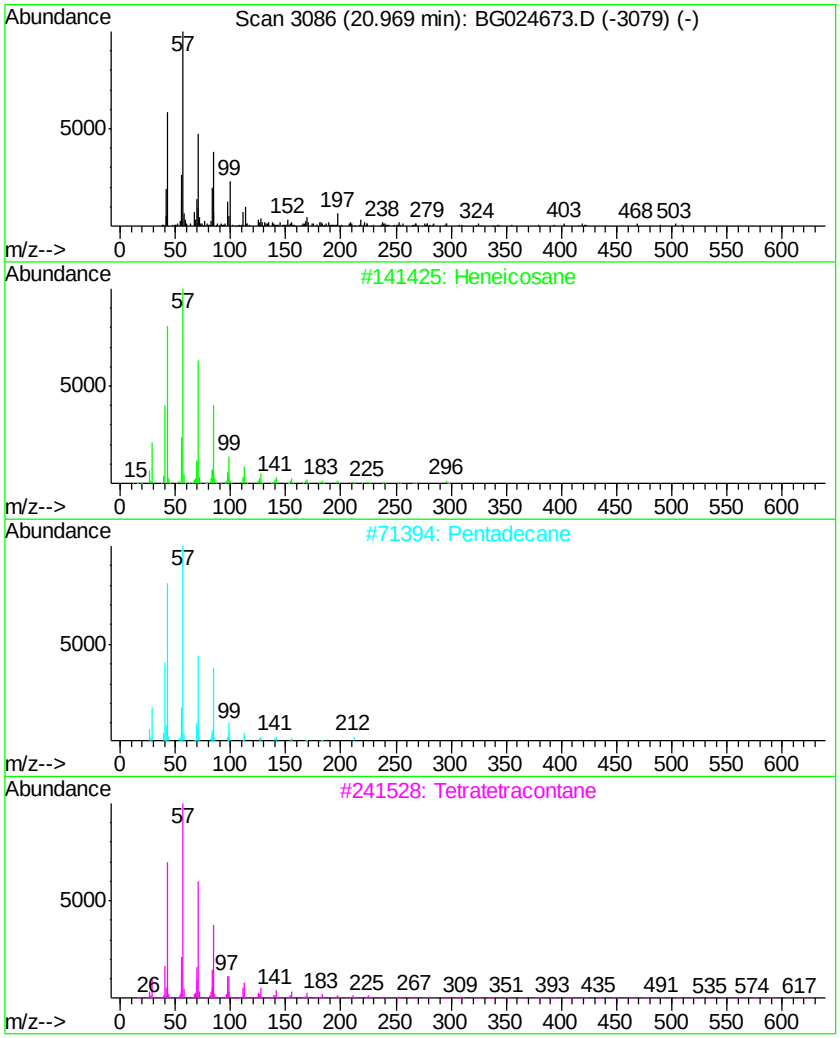
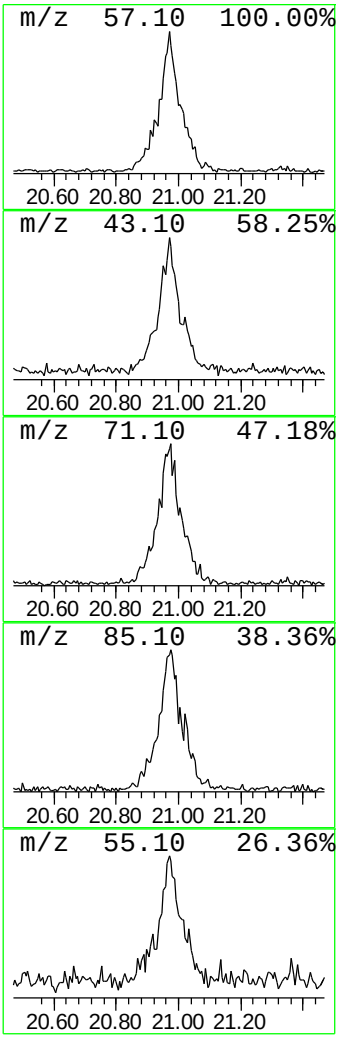
Peak Number 6 Heneicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	8.00 ng	963071	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Pentadecane	212	C15H32	000629-62-9	76
3	Tetratetracontane	619	C44H90	007098-22-8	74
4	Hentriacontane	437	C31H64	000630-04-6	74
5	Sulfurous acid, butyl hexadecyl ...	362	C20H42O3S	1000309-18-3	74





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Sample : H5509-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-89-7.8-10.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Integration Parameters: LSCINT.P

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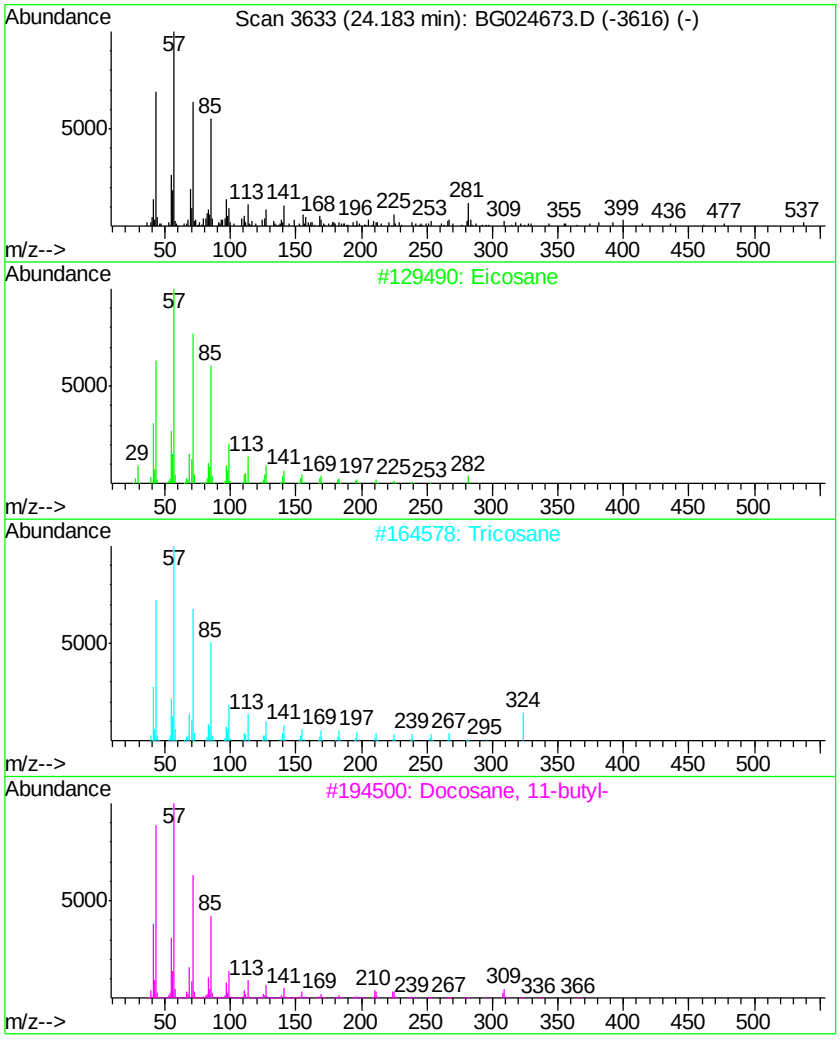
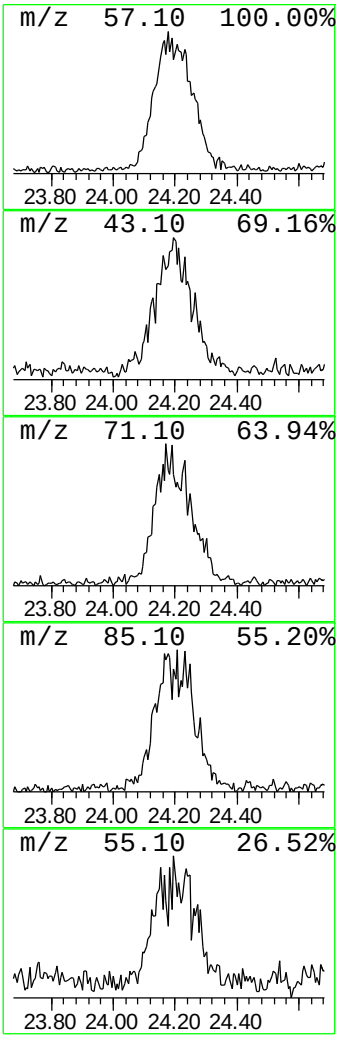
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.18	4.12 ng	493091	Perylene-d12	25.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Tricosane	324	C23H48	000638-67-5	74
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	72
4	Heneicosane	296	C21H44	000629-94-7	64
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.33	13.1	ng	447250	1	8.27	682944	20.0
unknown7.79	7.79	110.2	ng	3762520	1	8.27	682944	20.0
Dodecanoic acid	15.25	4.9	ng	322690	3	14.88	1315040	20.0
Heneicosane	20.97	8.0	ng	963071	5	21.91	2407810	20.0
Eicosane	24.18	4.1	ng	493091	6	25.35	2396260	20.0