LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110316\
Data File : BG024666.D
Acq On : 4 Nov 2016 3:32
Operator : UM/SJ
Sample : H5509-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-95-19.5-20.0

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	3.125	44	49	70	rVB	8682583	14994537	100.00%	20.736%
2	5.328	418	424	433	rBV	542064	866735	5.78%	1.199%
3	5.798	496	504	513	rBV	2573547	4213360	28.10%	5.827%
4	7.402	769	777	789	rVB	2537603	4673645	31.17%	6.463%
5	7.790	835	843	861	rBV	2400157	4409550	29.41%	6.098%
6	8.266	917	924	930	rBV	413632	731003	4.88%	1.011%
7	8.595	972	980	992	rVB	1804977	3243313	21.63%	4.485%
8	9.441	1116	1124	1133	rBV	1588659	2935767	19.58%	4.060%
9	11.092	1396	1405	1412	rBV	530566	1016522	6.78%	1.406%
10	13.507	1806	1816	1825	rBV	3841135	6095445	40.65%	8.429%
11	14.318	1948	1954	1961	rBV	1290706	1946110	12.98%	2.691%
12	14.882	2043	2050	2058	rVB	908960	1459961	9.74%	2.019%
13	16.362	2295	2302	2310	rBV	3829690	6187207	41.26%	8.556%
14	17.626	2509	2517	2522	rBV2	1261485	2008034	13.39%	2.777%
15	17.961	2569	2574	2583	rBV	328771	512657	3.42%	0.709%
16	18.466	2656	2660	2667	rBV2	132914	197950	1.32%	0.274%
17	19.312	2799	2804	2812	rBV2	149811	255475	1.70%	0.353%
18	20.205	2948	2956	2963	rBV	7624641	10563064	70.45%	14.607%
19	21.498	3171	3176	3182	rBV2	272308	442367	2.95%	0.612%
20	21.921	3240	3248	3257	rBV	1599908	2785753	18.58%	3.852%
21	25.346	3818	3831	3846	rBV2	877116	2774578	18.50%	3.837%

Sum of corrected areas: 72313033

LSC Report - Integrated Chromatogram

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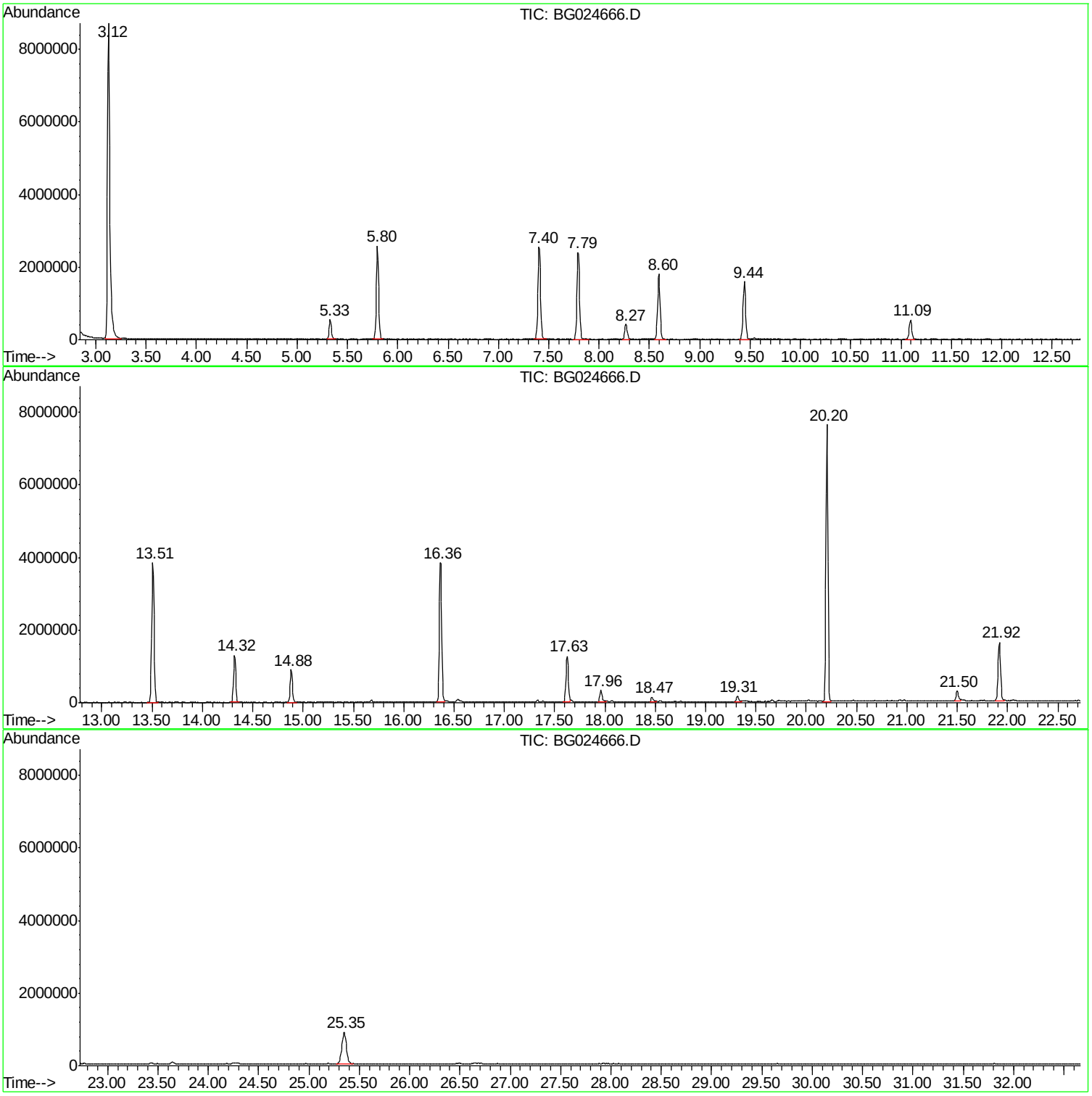
Instrument :
BNA_G
ClientSampleId :
SB-95-19.5-20.0

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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Operator : UM/SJ
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Instrument : BNA_G
ClientSampleId : SB-95-19.5-20.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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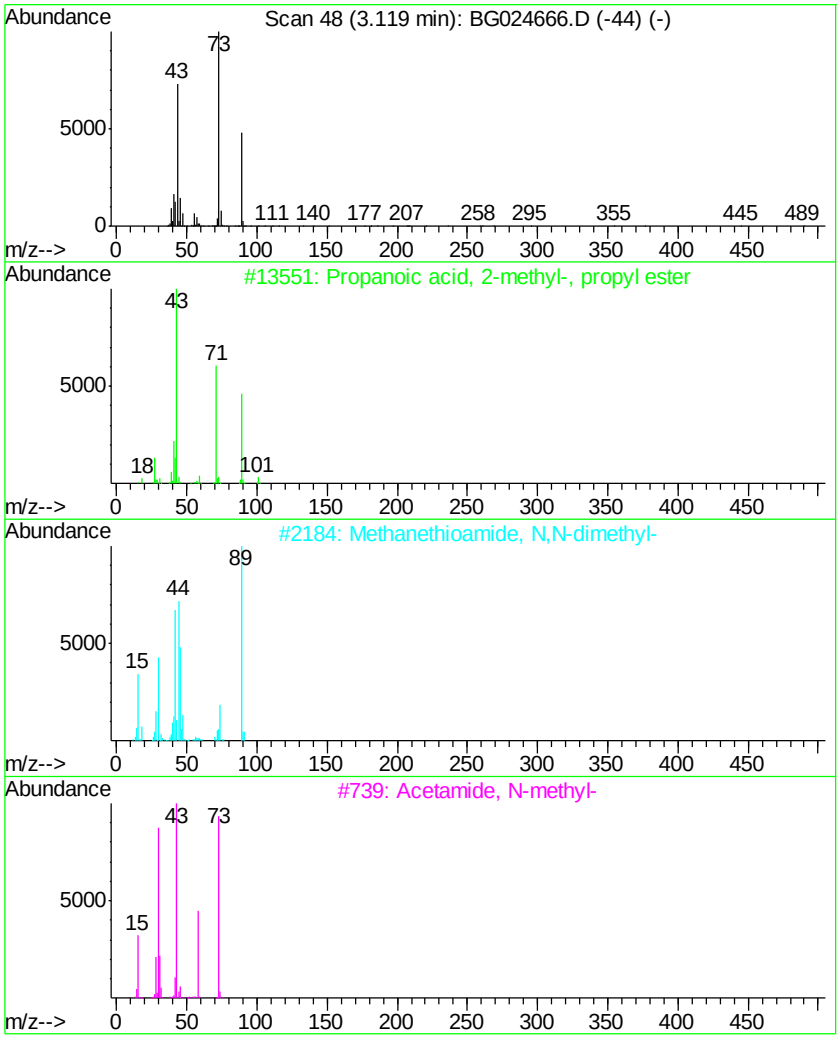
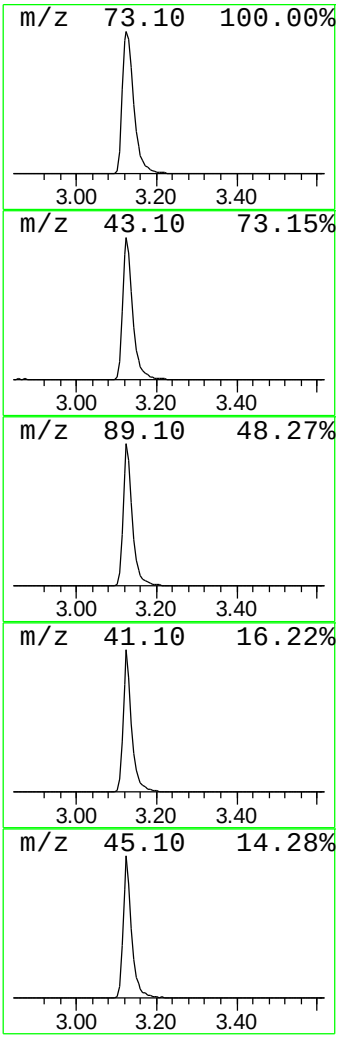
Peak Number 1 unknown3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	410.25 ng	14994500	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	47
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	32
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
4	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	23
5	1-Hepten-4-ol	114	C7H14O	003521-91-3	23





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-95-19.5-20.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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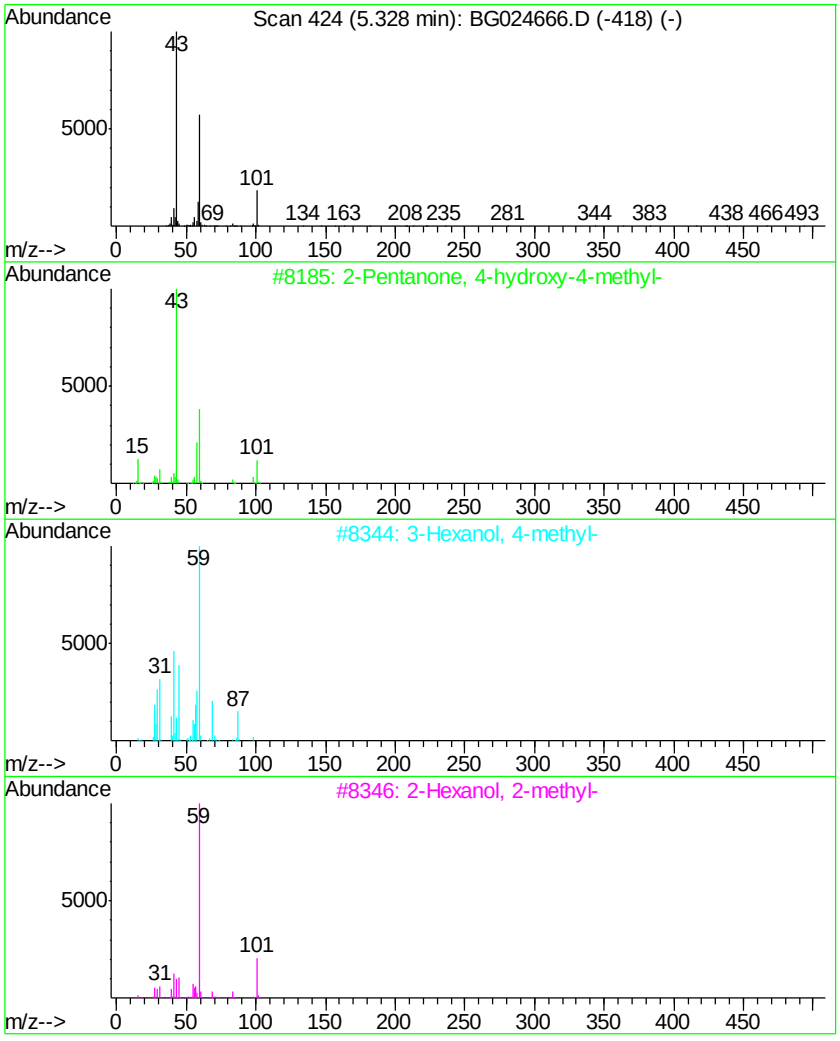
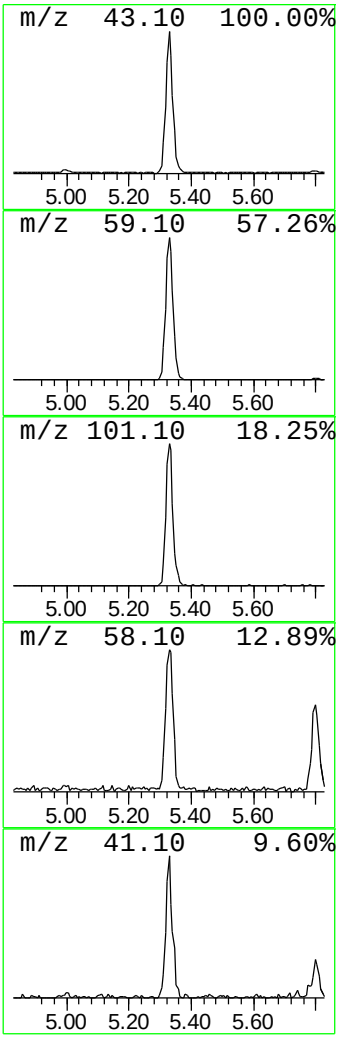
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	23.71 ng	866735	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	64
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





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Data File : BG024666.D
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Operator : UM/SJ
Sample : H5509-10
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-95-19.5-20.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Library : C:\DATABASE\NIST11.L
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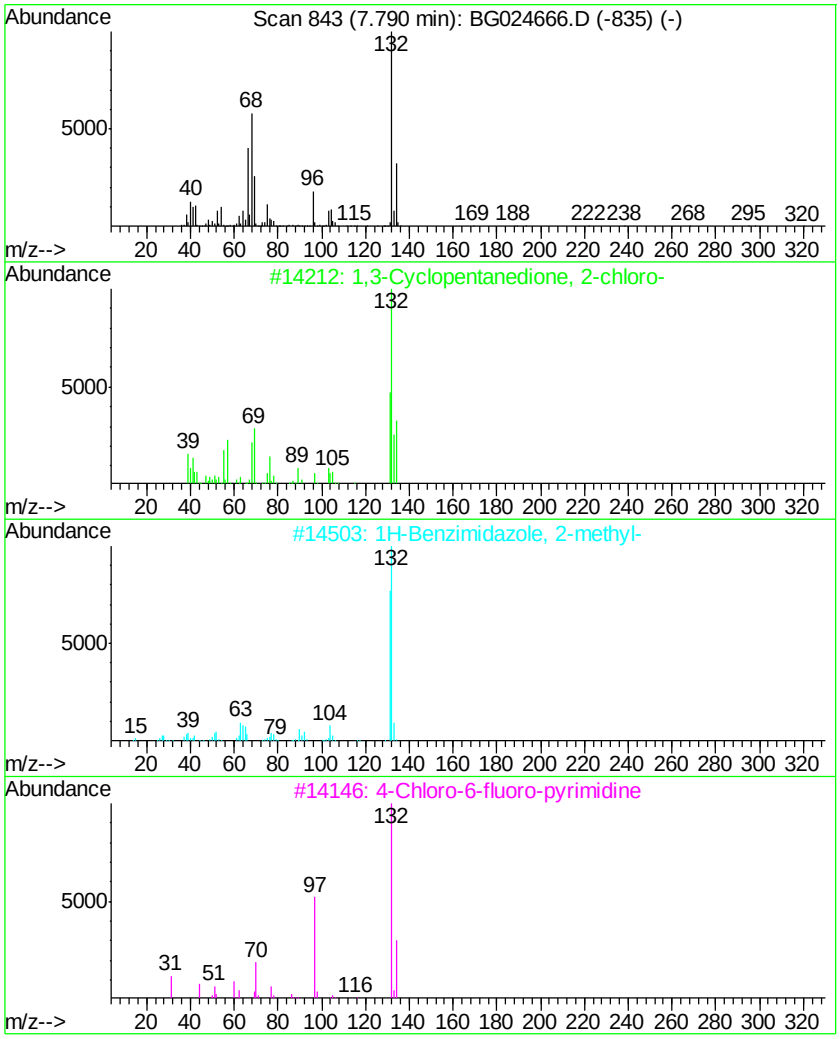
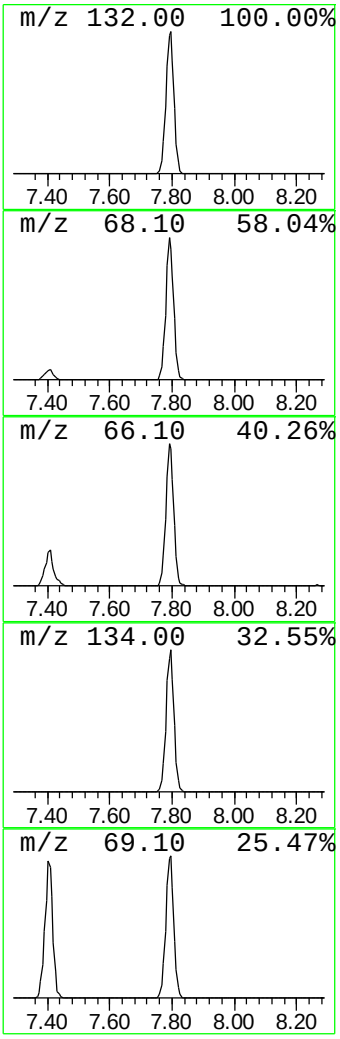
Peak Number 3 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	120.64 ng	4409550	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Sample : H5509-10
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Instrument : BNA_G
ClientSampleId : SB-95-19.5-20.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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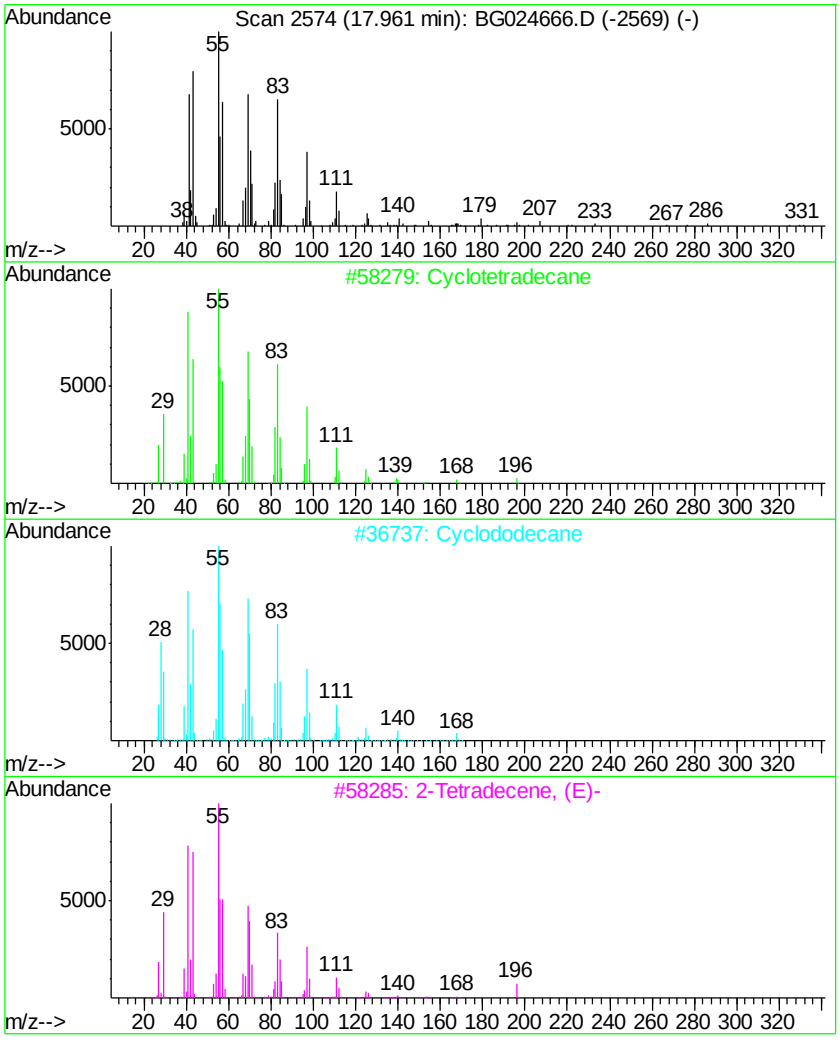
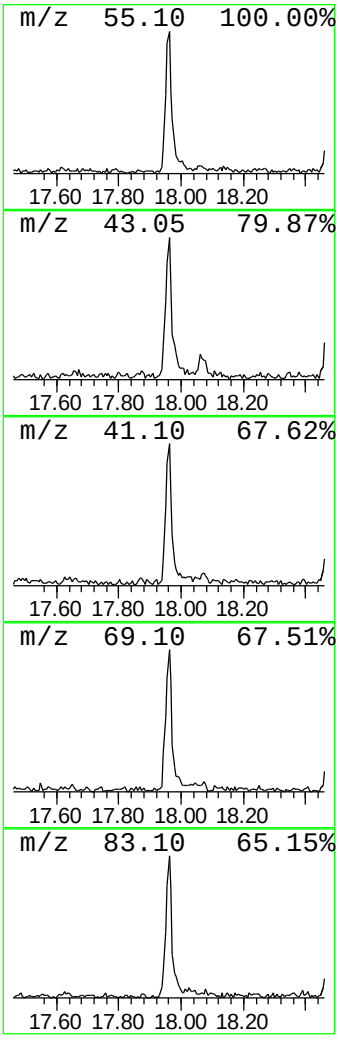
Peak Number 5 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	5.11 ng	512657	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	99
2	Cyclododecane	168	C12H24	000294-62-2	96
3	2-Tetradecene, (E)-	196	C14H28	035953-54-9	93
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5	1-Hexadecanol	242	C16H34O	036653-82-4	91





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Sample : H5509-10
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Instrument : BNA_G
ClientSampleId : SB-95-19.5-20.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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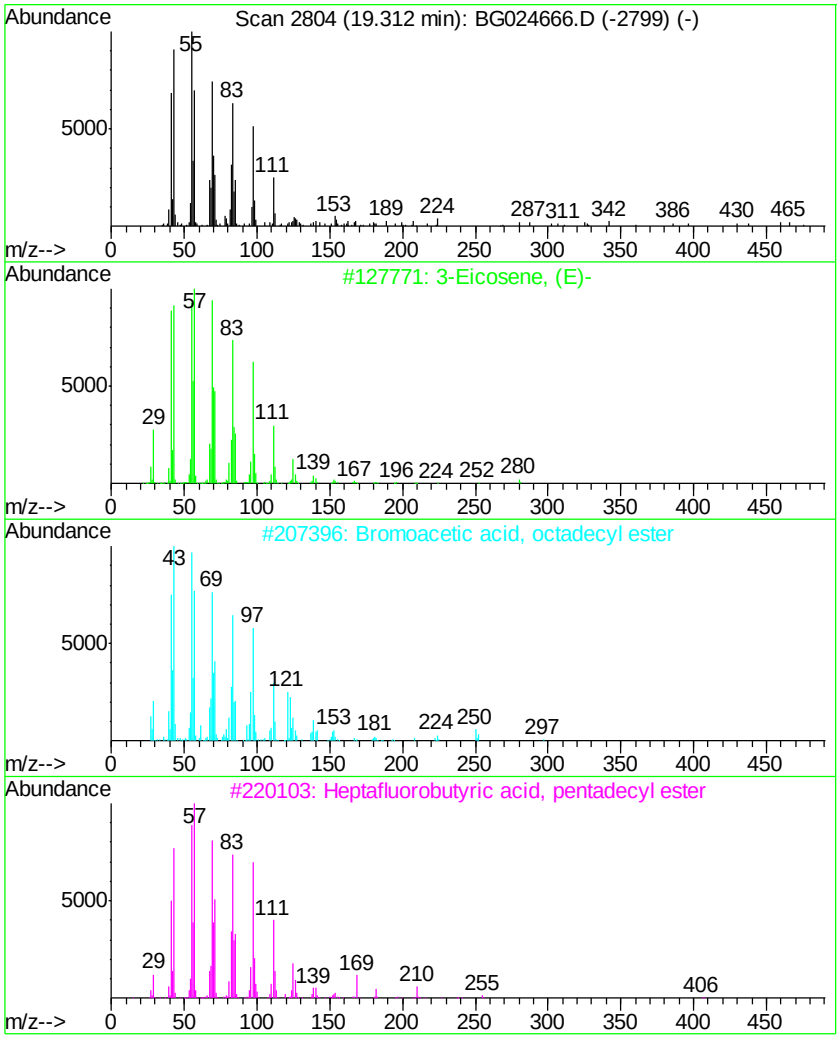
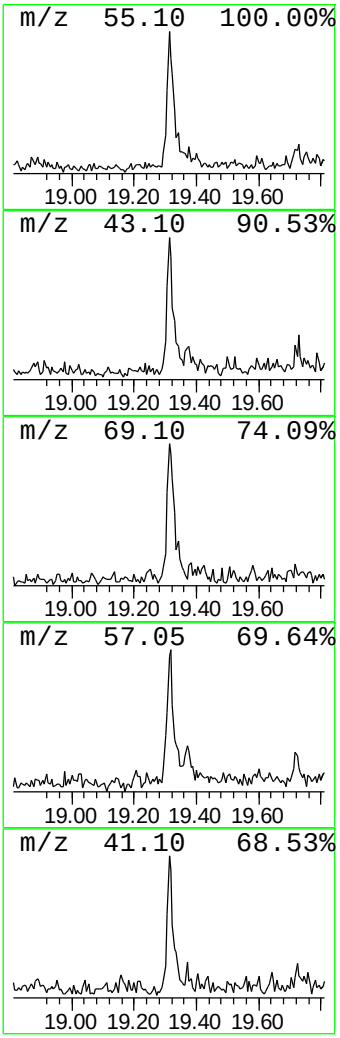
Peak Number 6 3-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.54 ng	255475	Phenanthrene-d10	17.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
2	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
5	Cyclohexadecane	224	C16H32	000295-65-8	83





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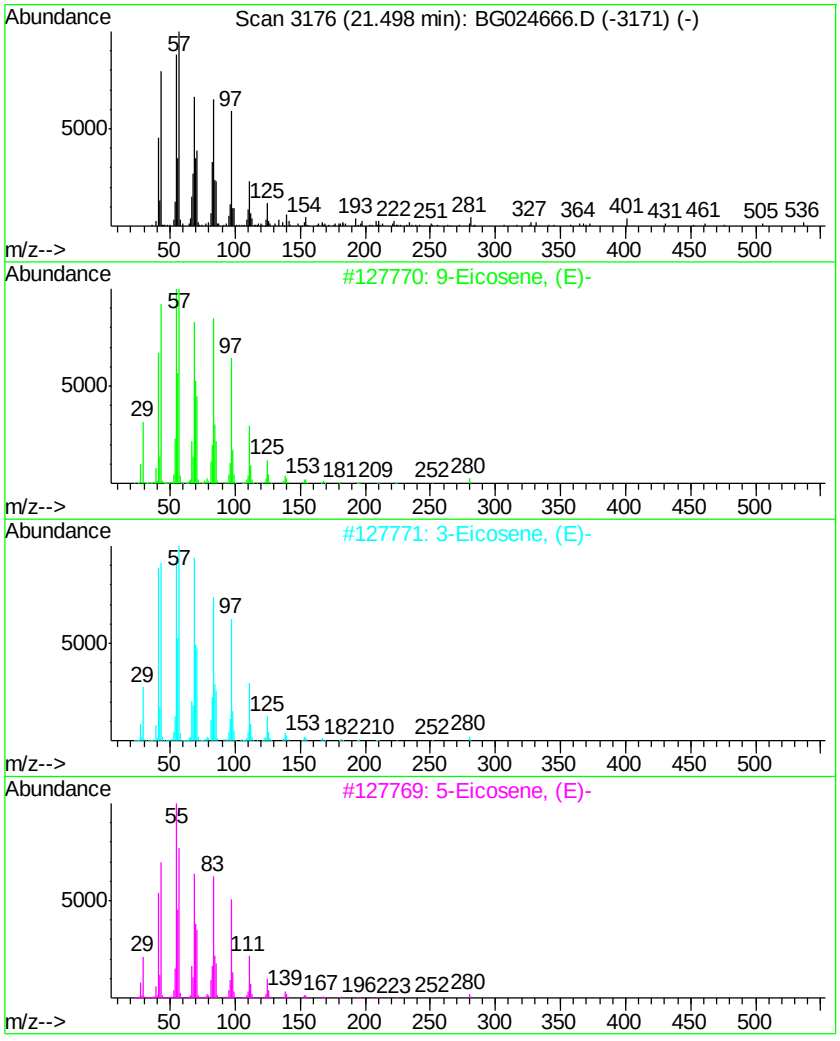
TIC Integration Parameters: LSCINT.P

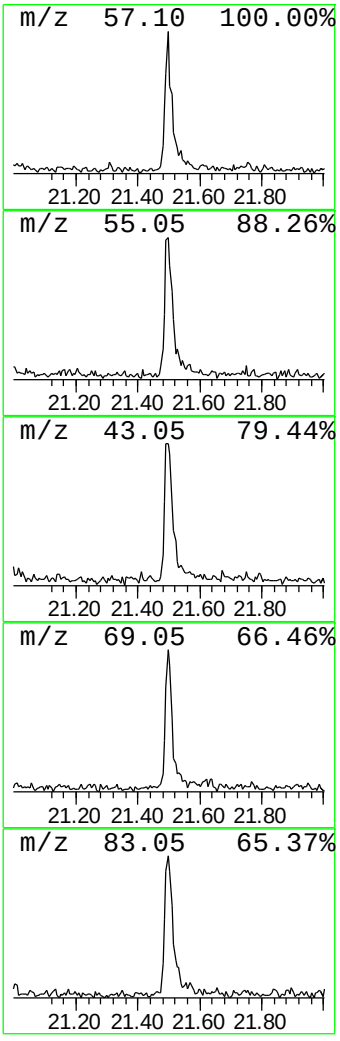
****

Peak Number 7 9-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.18 ng	442367	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	97
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	96
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Behenic alcohol	326	C22H46O	000661-19-8	90
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.12	3.12	410.3	ng	14994500	1	8.27	731003	20.0
2-Pentanone, 4-hy...	5.33	23.7	ng	866735	1	8.27	731003	20.0
unknown7.79	7.79	120.6	ng	4409550	1	8.27	731003	20.0
Cyclotetradecane	17.96	5.1	ng	512657	4	17.63	2008030	20.0
3-Eicosene, (E)-	19.31	2.5	ng	255475	4	17.63	2008030	20.0
9-Eicosene, (E)-	21.50	3.2	ng	442367	5	21.92	2785750	20.0