LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

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-BG070816.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	4.615	296	302	307	rBV3	59413	86662	1.37%	0.214%
2	5.220	400	405	414	rBV	222403	344838	5.43%	0.850%
3	5.696	479	486	494	rBV	1122752	1778963	28.02%	4.387%
4	6.818	670	677	683	rVB2	202437	344283	5.42%	0.849%
5	7.306	750	760	769	rBV	1337809	2329017	36.69%	5.744%
6	7.682	817	824	833	rBV	1219775	2139872	33.71%	5.277%
7	8.152	896	904	912	rBV	367947	650804	10.25%	1.605%
8	8.475	951	959	967	rBV	922936	1610503	25.37%	3.972%
9	9.321	1094	1103	1113	rBV	884467	1580151	24.89%	3.897%
10	10.978	1377	1385	1393	rBV	576467	1041876	16.41%	2.570%
11	13.417	1792	1800	1807	rBV	2617994	4057742	63.92%	10.007%
12	14.233	1933	1939	1946	rBV	491295	736804	11.61%	1.817%
13	14.797	2028	2035	2043	rVB2	1028365	1671009	26.32%	4.121%
14	16.284	2282	2288	2300	rBV	2016510	3142735	49.50%	7.751%
15	16.478	2317	2321	2330	rBV3	53410	109674	1.73%	0.270%
16	17.277	2451	2457	2461	rBV	63938	89214	1.41%	0.220%
17	17.553	2498	2504	2509	rBV2	1331154	2133781	33.61%	5.262%
18	17.594	2509	2511	2517	rVB	117818	148122	2.33%	0.365%
19	18.422	2648	2652	2658	rBV6	68806	109943	1.73%	0.271%
20	19.598	2847	2852	2860	rBV	282777	426604	6.72%	1.052%
21	19.962	2902	2914	2920	rVB	246556	441015	6.95%	1.088%
22	20.156	2940	2947	2954	rBV	4617609	6348646	100.00%	15.657%
23	20.438	2989	2995	2997	rBV4	82293	143327	2.26%	0.353%
24	20.614	3020	3025	3033	rVB4	57417	125059	1.97%	0.308%
25	20.890	3068	3072	3076	rVV	100805	121914	1.92%	0.301%
26	20.931	3076	3079	3087	rVB4	96921	156619	2.47%	0.386%
27	21.454	3164	3168	3175	rBV3	269772	407803	6.42%	1.006%
28	21.707	3206	3211	3217	rVB	361458	514342	8.10%	1.269%
29	21.848	3227	3235	3240	rBV	1502419	2701734	42.56%	6.663%
30	21.889	3240	3242	3249	rVB2	144383	213278	3.36%	0.526%
31	22.018	3259	3264	3267	rBV4	90992	131421	2.07%	0.324%
32	22.647	3366	3371	3376	rBV3	97072	171394	2.70%	0.423%
33	23.364	3488	3493	3498	rVB4	80239	158836	2.50%	0.392%
34	23.734	3550	3556	3564	rVB7	158514	325118	5.12%	0.802%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

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-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	24.128	3619	3623	3630	rBV3	76644	171610	2.70%	0.423%
36	24.198	3630	3635	3641	rVB3	193539	423764	6.67%	1.045%
37	24.280	3643	3649	3651	rBV5	117462	212200	3.34%	0.523%
38	25.032	3771	3777	3786	rBV3	78898	215079	3.39%	0.530%
39	25.203	3795	3806	3815	rBV2	807846	2452163	38.62%	6.048%
40	25.743	3893	3898	3906	rVB2	62823	153337	2.42%	0.378%
41	26.372	4000	4005	4014	rVB5	152852	425932	6.71%	1.050%

Sum of corrected areas: 40547188

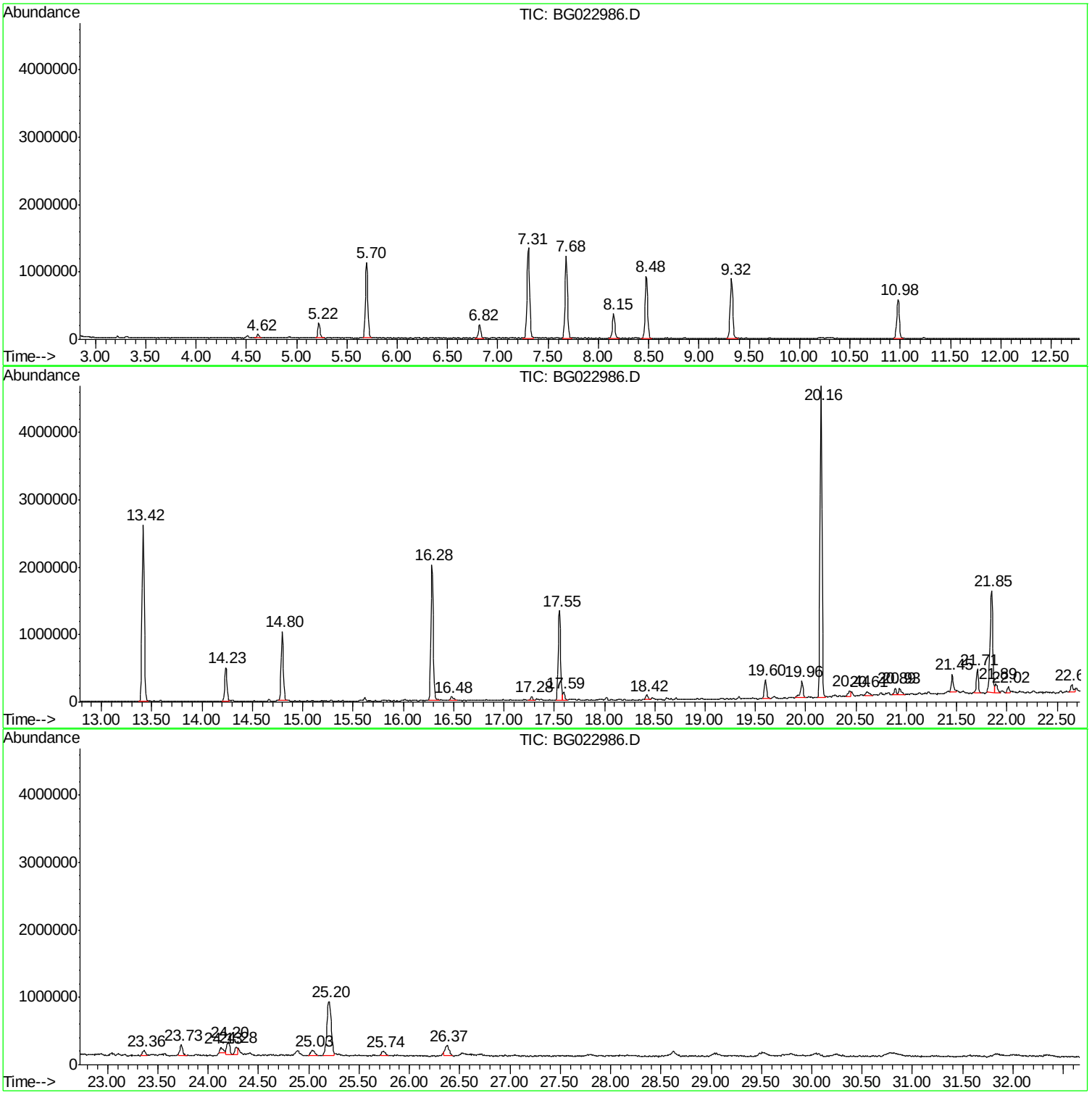
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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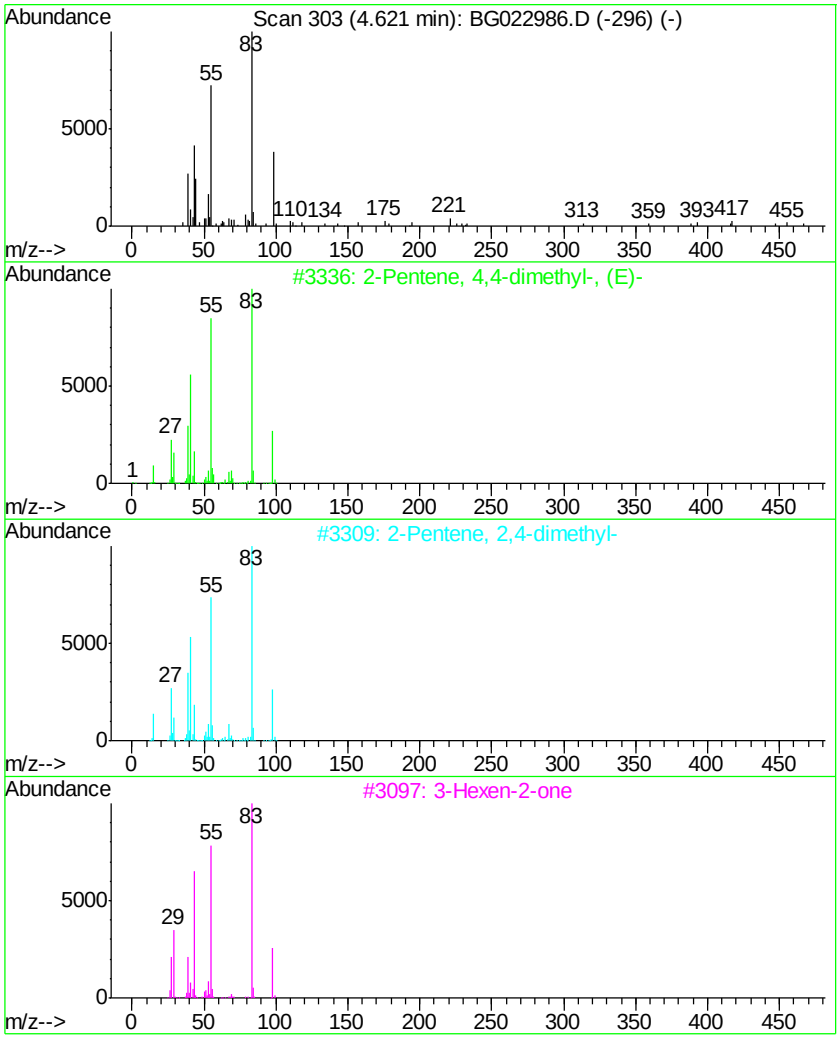
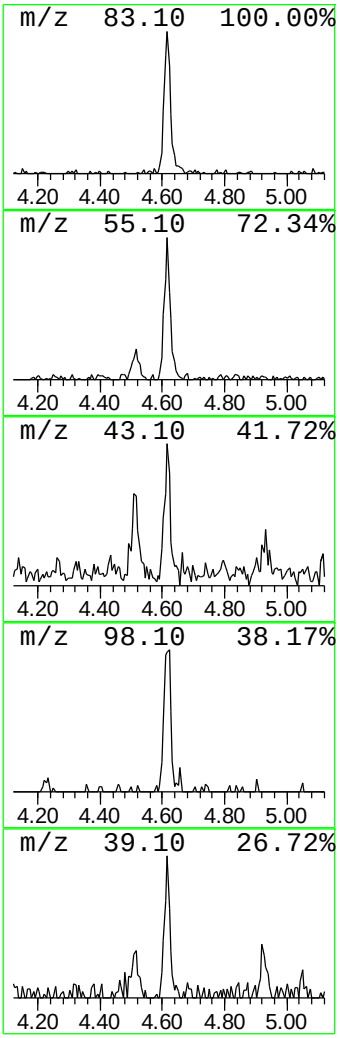
Peak Number 1 2-Pentene, 4,4-dimethyl-, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	2.66 ng	86662	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	80
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	80
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	80





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Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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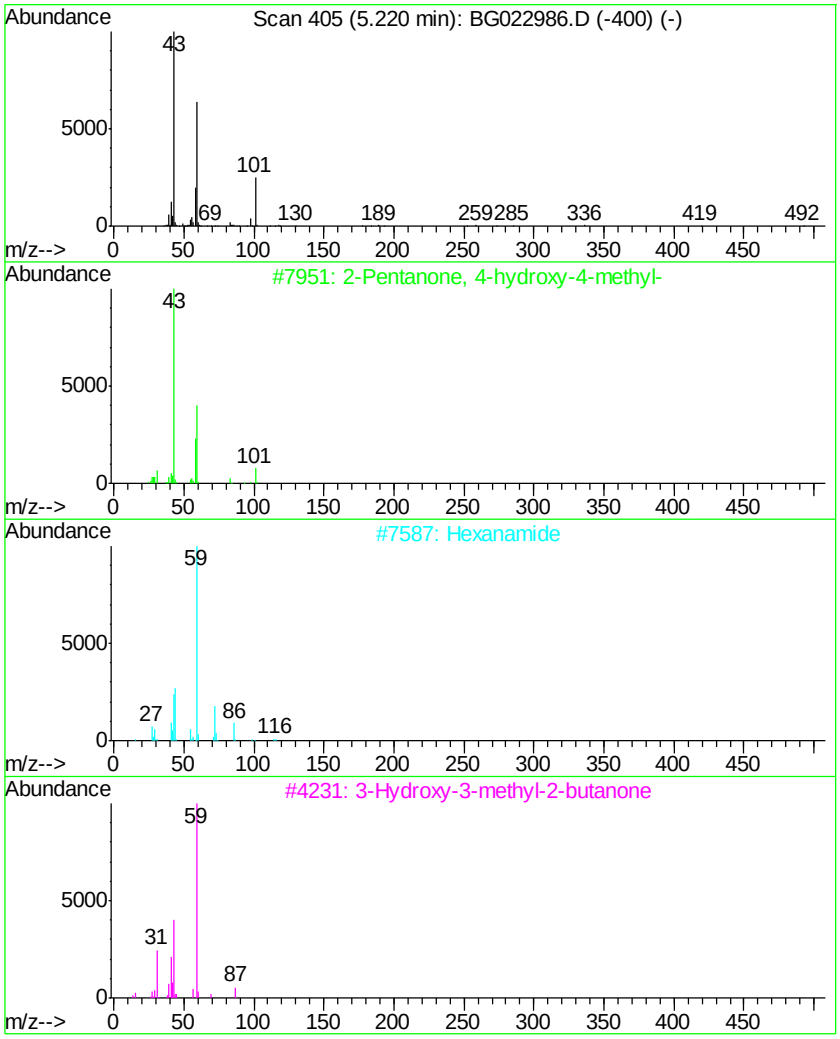
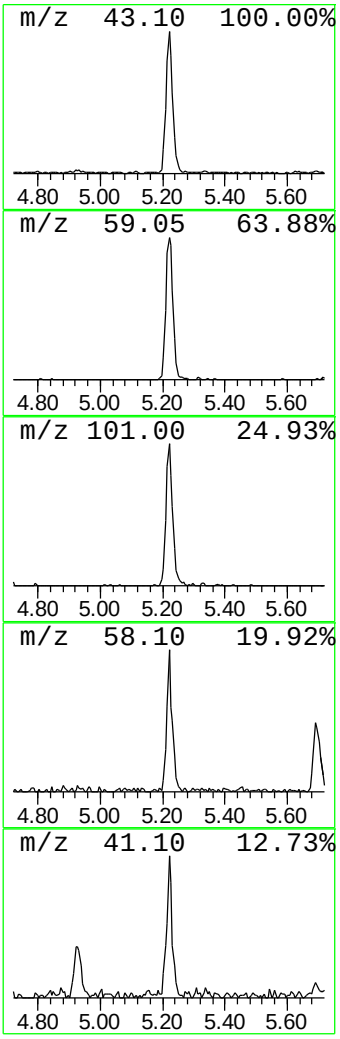
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	10.60 ng	344838	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Hexanamide	115	C6H13NO	000628-02-4	12
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12
4	Acetone	58	C3H6O	000067-64-1	10
5	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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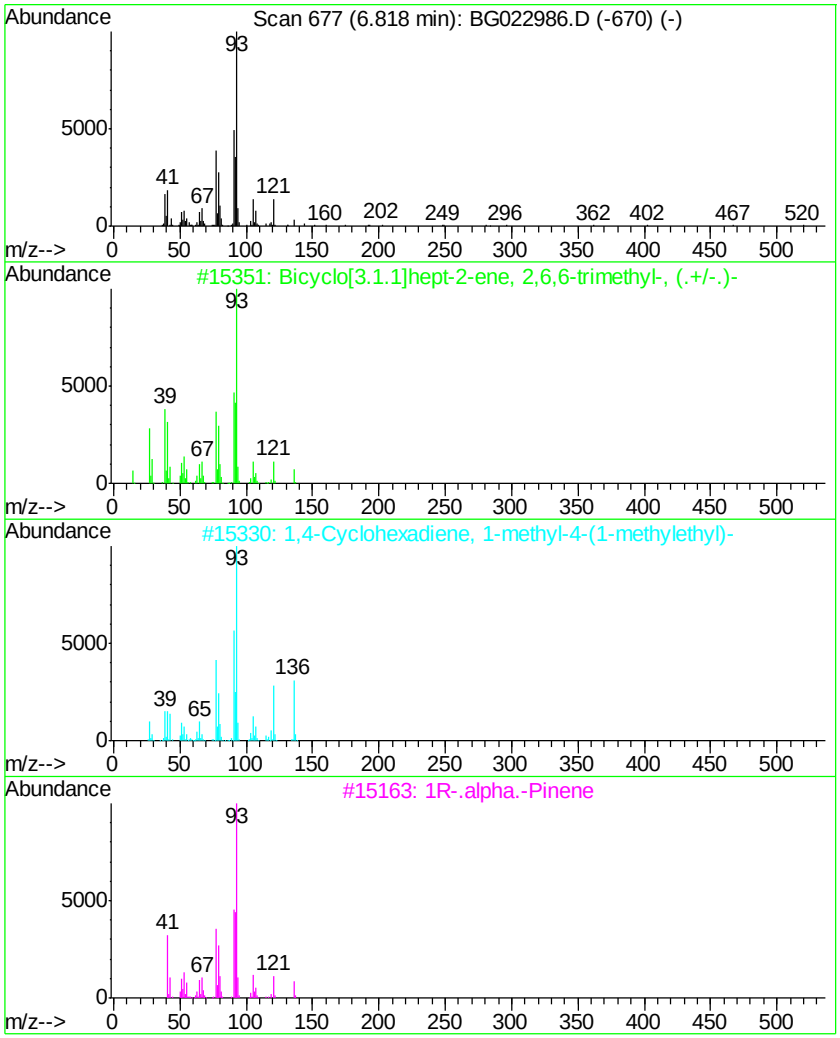
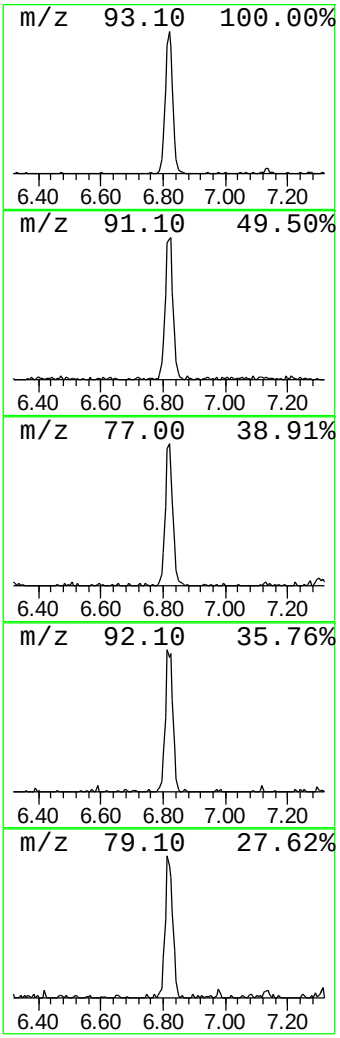
Peak Number 3 Bicyclo[3.1.1]hept-2-ene, 2... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	10.58 ng	344283	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]hept-2-ene, 2,6,6-...	136	C10H16	002437-95-8	94
2	1,4-Cyclohexadiene, 1-methyl-4-(...	136	C10H16	000099-85-4	91
3	1R-.alpha.-Pinene	136	C10H16	007785-70-8	90
4	.alpha.-Pinene	136	C10H16	000080-56-8	87
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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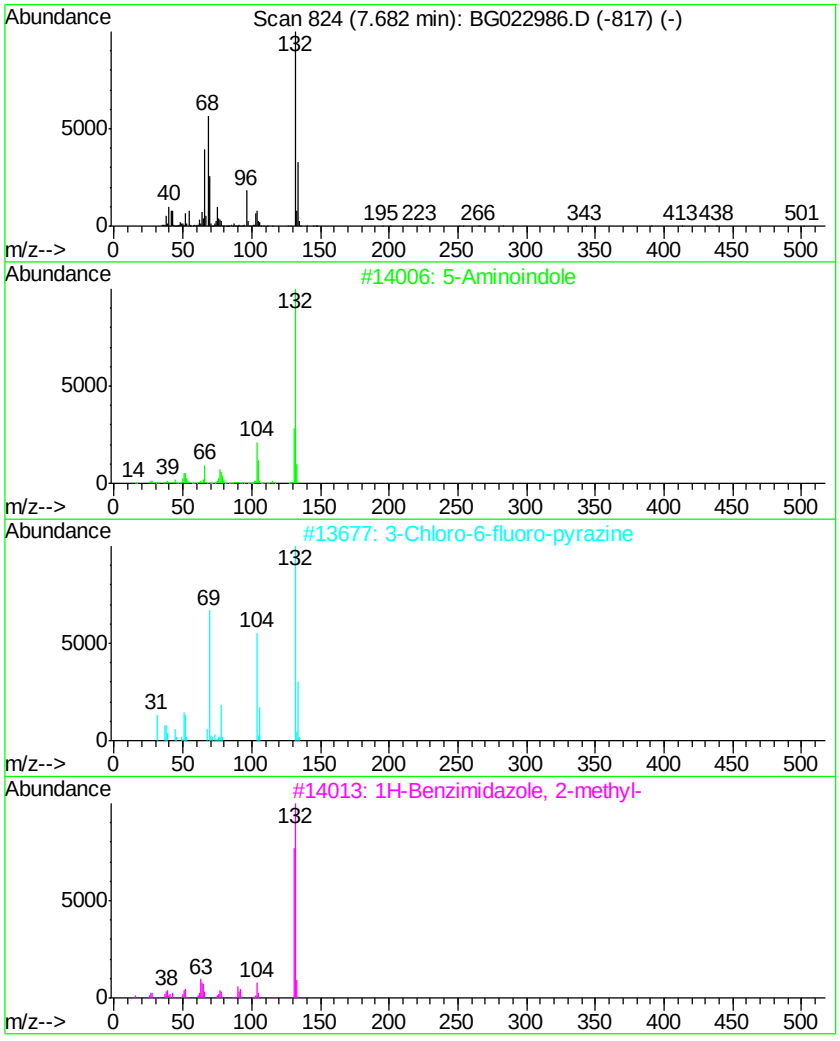
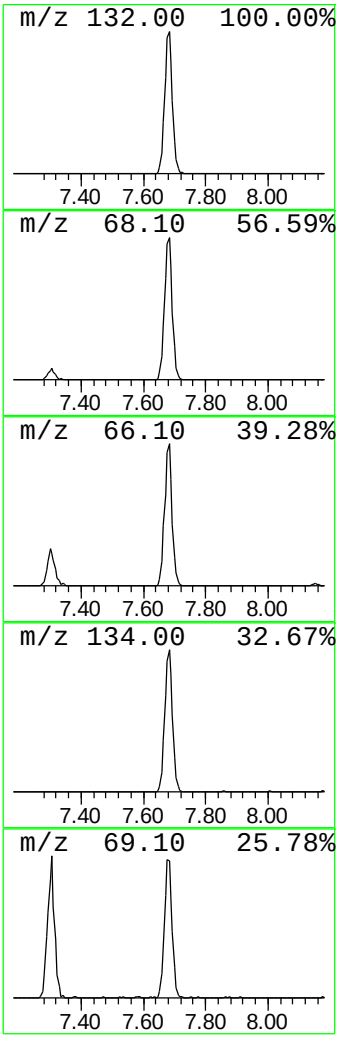
Peak Number 4 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	65.76 ng	2139870	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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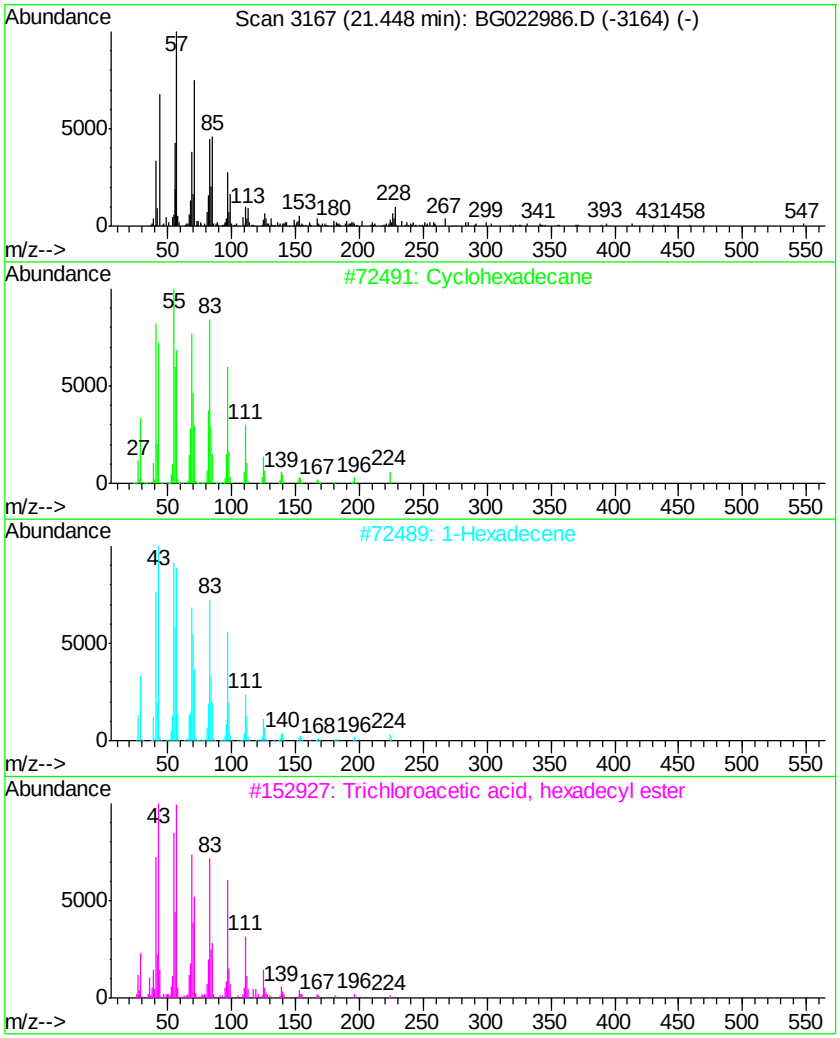
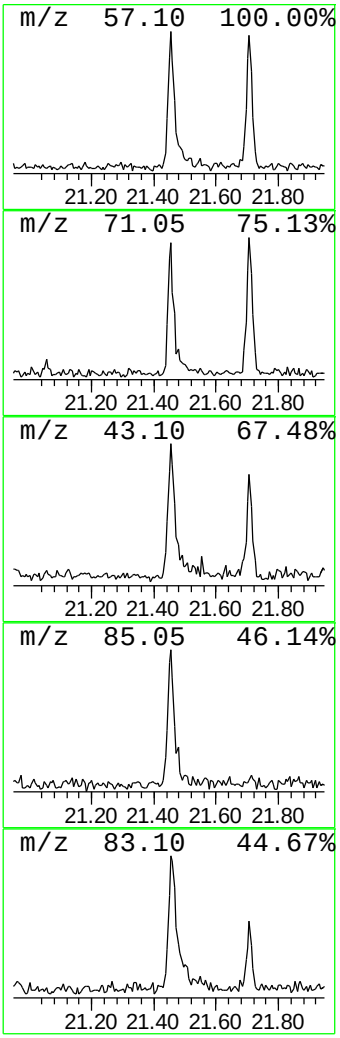
Peak Number 6 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.02 ng	407803	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	70
2	1-Hexadecene	224	C16H32	000629-73-2	70
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	50
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	49
5	Tridecane	184	C13H28	000629-50-5	46





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Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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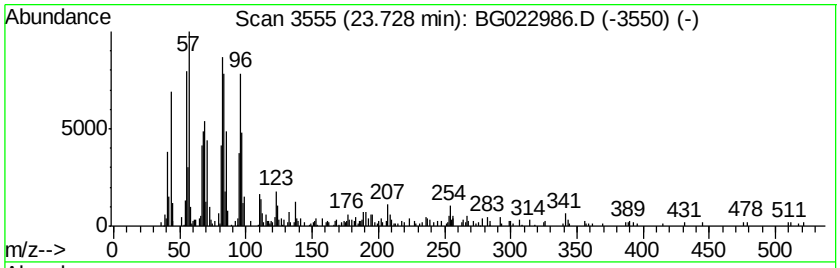
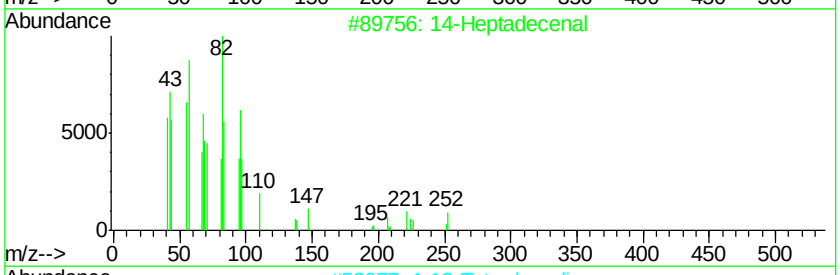
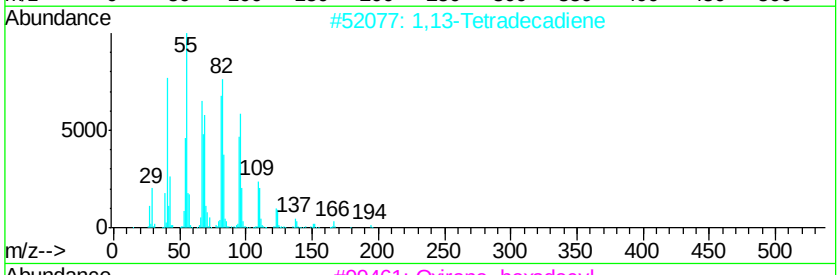
Peak Number 7 14-Heptadecenal Concentration Rank 9

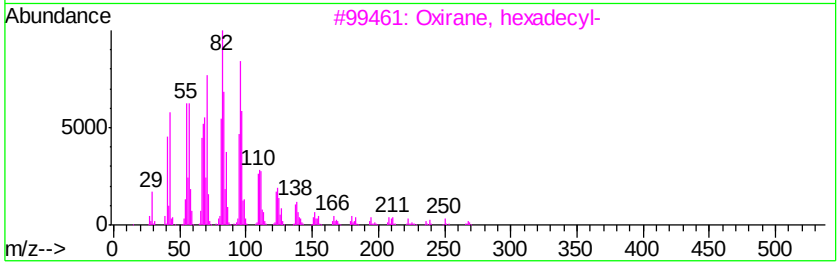
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	2.65 ng	325118	Perylene-d12	25.20

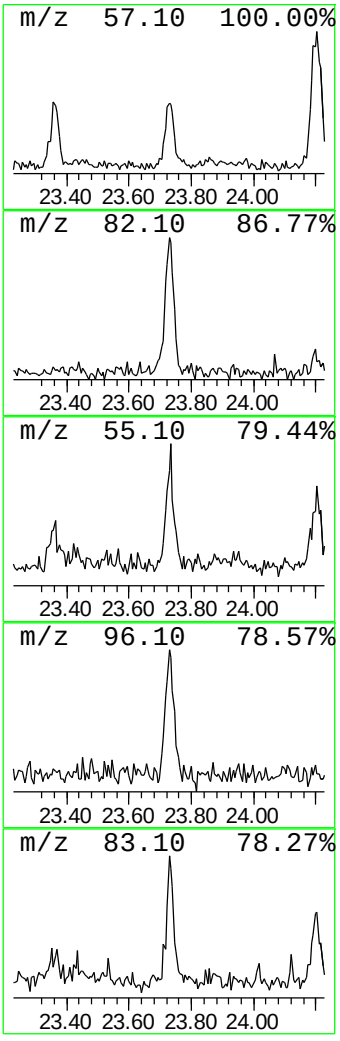
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	14-Heptadecenal	252	C17H32O	1000144-58-0	62
2	1,13-Tetradecadiene	194	C14H26	021964-49-8	53
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	53
4	1,19-Eicosadiene	278	C20H38	014811-95-1	52
5	Tetradecanal	212	C14H28O	000124-25-4	49











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Sample : H3915-15
Misc :
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Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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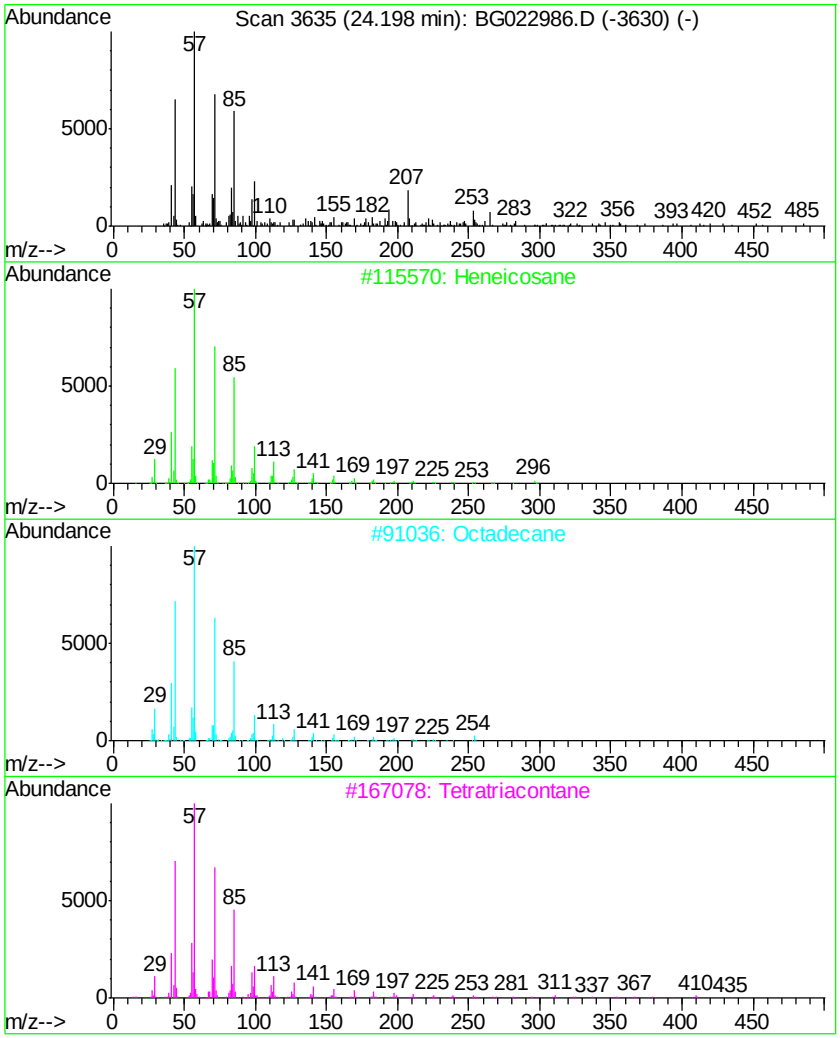
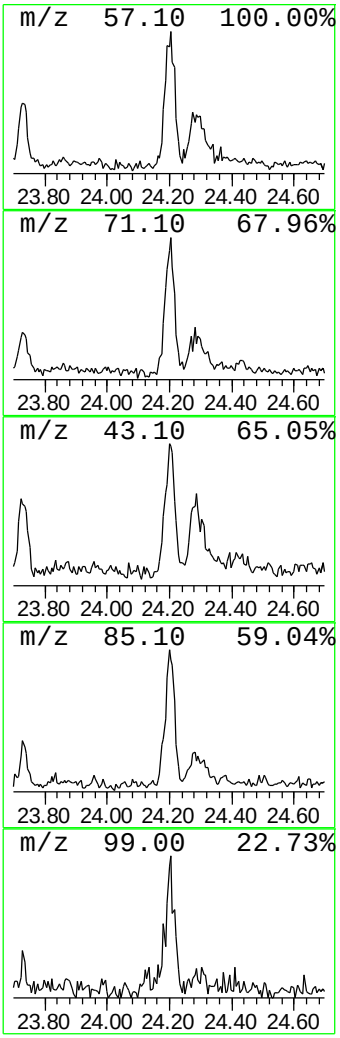
Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	3.46 ng	423764	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	81
2	Octadecane	254	C18H38	000593-45-3	76
3	Tetratriacontane	479	C34H70	014167-59-0	72
4	Pentadecane	212	C15H32	000629-62-9	55
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	53





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Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.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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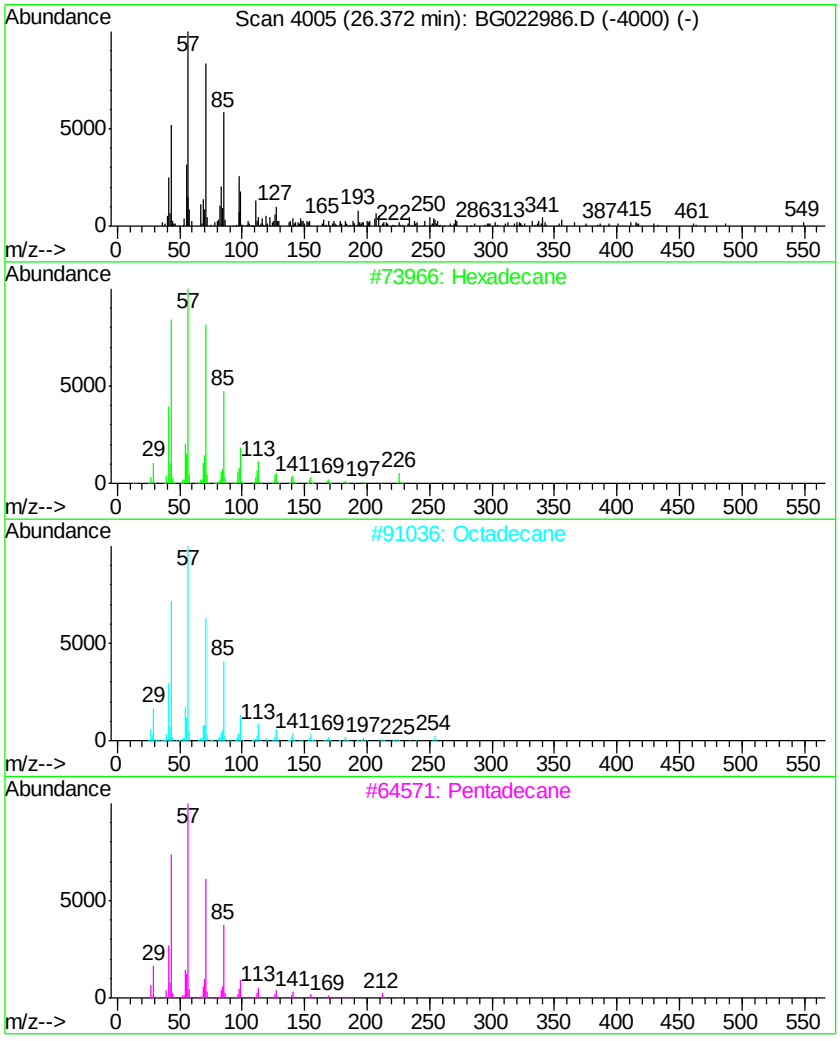
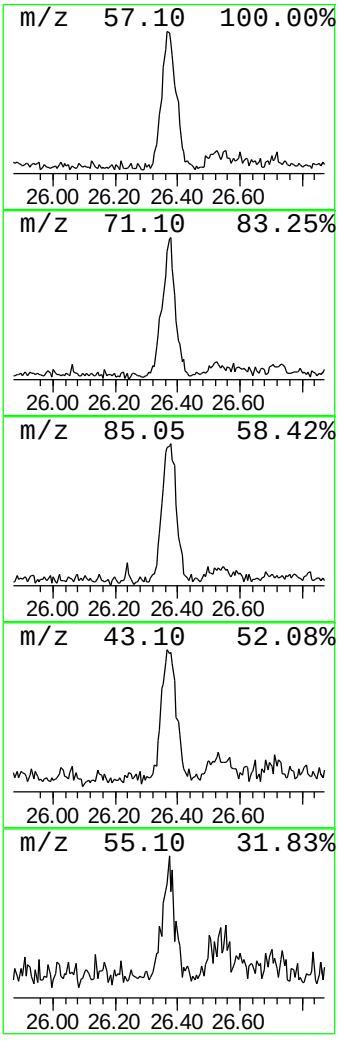
Peak Number 9 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.37	3.47 ng	425932	Perylene-d12	25.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Octadecane	254	C18H38	000593-45-3	89
3	Pentadecane	212	C15H32	000629-62-9	76
4	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
5	Heptadecane	240	C17H36	000629-78-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071016\
Data File : BG022986.D
Acq On : 10 Jul 2016 5:29
Operator : UM/SJ
Sample : H3915-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P7-B4-0-6-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentene, 4,4-di...	4.62	2.7	ng	86662	1	8.15	650804	20.0
2-Pentanone, 4-hy...	5.22	10.6	ng	344838	1	8.15	650804	20.0
Bicyclo[3.1.1]hep...	6.82	10.6	ng	344283	1	8.15	650804	20.0
unknown7.68	7.68	65.8	ng	2139870	1	8.15	650804	20.0
Cyclohexadecane	21.45	3.0	ng	407803	5	21.85	2701730	20.0
14-Heptadecenal	23.73	2.6	ng	325118	6	25.20	2452160	20.0
Heneicosane	24.20	3.5	ng	423764	6	25.20	2452160	20.0
Hexadecane	26.37	3.5	ng	425932	6	25.20	2452160	20.0