LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

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-BG060315.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	2.740	5	9	15	rBV	73640	87420	5.65%	0.882%
2	2.787	15	17	25	rVB2	11442	16172	1.05%	0.163%
3	4.708	337	344	349	rBV	44882	65319	4.22%	0.659%
4	5.202	421	428	438	rBV	499649	733388	47.41%	7.400%
5	6.817	696	703	715	rBV	572395	845553	54.66%	8.531%
6	7.146	752	759	768	rBV	565938	869113	56.18%	8.769%
7	7.599	830	836	844	rBV	89771	139137	8.99%	1.404%
8	7.922	883	891	901	rVB	391190	603200	38.99%	6.086%
9	8.768	1028	1035	1043	rBV	318312	516470	33.38%	5.211%
10	10.396	1306	1312	1322	rVB	112785	188644	12.19%	1.903%
11	12.887	1727	1736	1745	rBV	794521	1085409	70.16%	10.951%
12	13.733	1875	1880	1887	rBV	72591	106753	6.90%	1.077%
13	14.226	1960	1964	1967	rBV4	16673	22138	1.43%	0.223%
14	14.273	1967	1972	1978	rVB2	166050	250689	16.20%	2.529%
15	15.772	2217	2227	2237	rBV	774840	1067878	69.03%	10.775%
16	15.989	2260	2264	2274	rBV4	12930	24055	1.55%	0.243%
17	17.023	2434	2440	2446	rBV	221564	303858	19.64%	3.066%
18	17.928	2590	2594	2602	rBV	58467	86150	5.57%	0.869%
19	19.121	2793	2797	2805	rVB3	22424	29404	1.90%	0.297%
20	19.215	2810	2813	2817	rBV5	13585	18367	1.19%	0.185%
21	19.362	2834	2838	2843	rVB	86031	102262	6.61%	1.032%
22	19.479	2853	2858	2863	rVB4	18221	23346	1.51%	0.236%
23	19.661	2884	2889	2894	rBV	1256228	1547052	100.00%	15.609%
24	20.202	2978	2981	2987	rVB7	13563	19133	1.24%	0.193%
25	20.407	3012	3016	3022	rVB	84527	90762	5.87%	0.916%
26	20.472	3023	3027	3030	rVV4	15714	18052	1.17%	0.182%
27	20.930	3100	3105	3111	rBV	145395	193407	12.50%	1.951%
28	21.218	3149	3154	3159	rBV	297238	362778	23.45%	3.660%
29	21.365	3176	3179	3182	rVB	32922	32954	2.13%	0.332%
30	21.794	3249	3252	3257	rBV4	31184	56461	3.65%	0.570%
31	22.758	3412	3416	3420	rBV2	34991	51745	3.34%	0.522%
32	23.445	3527	3533	3542	rBV	193865	354049	22.89%	3.572%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-6(0-2)

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-BG060315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

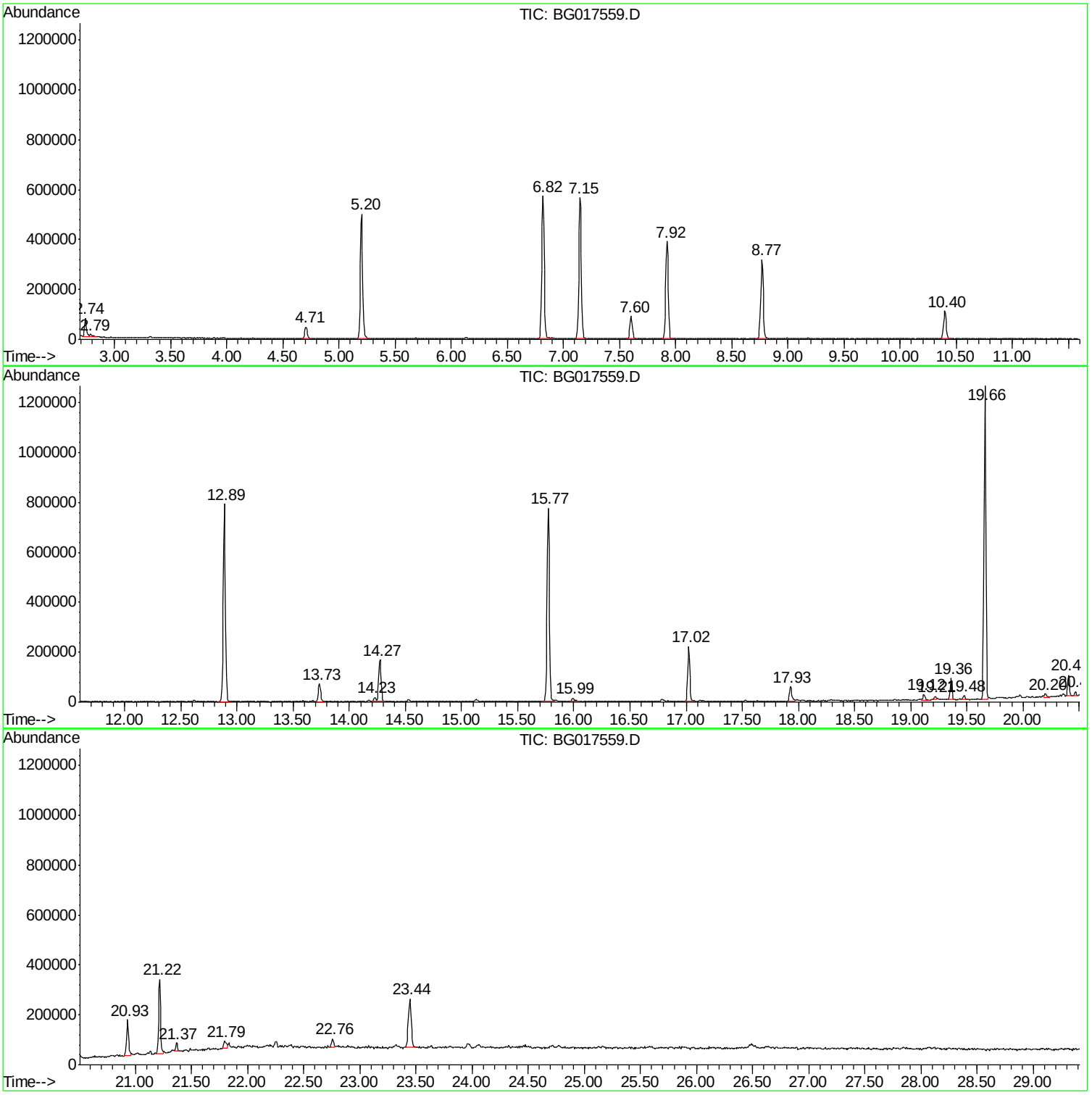
Sum of corrected areas: 9911118

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

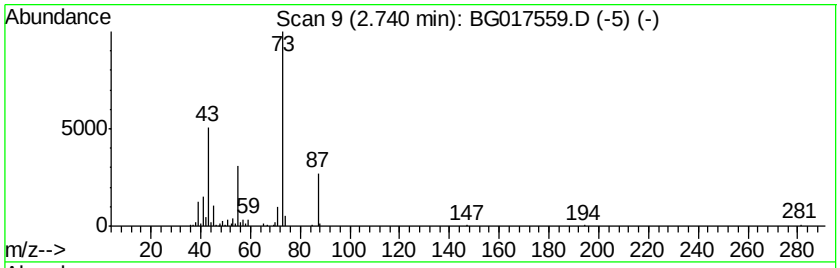
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

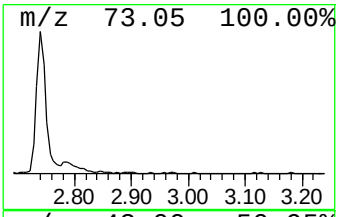
****

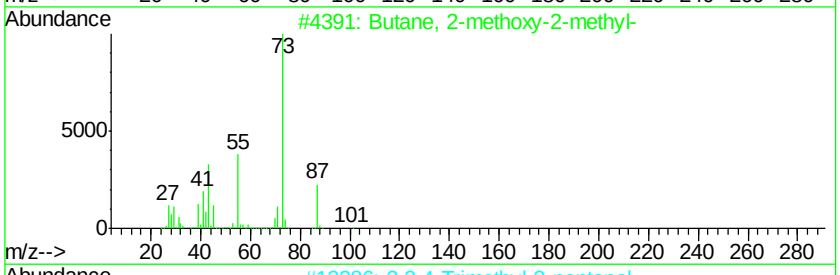
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

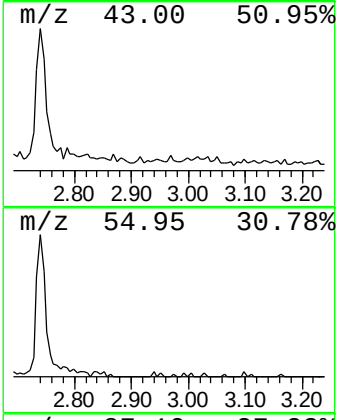
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	12.57 ng	87420	1,4-Dichlorobenzene-d4	7.60

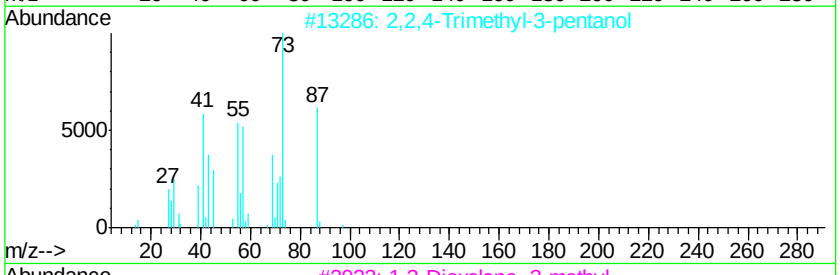
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	14
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

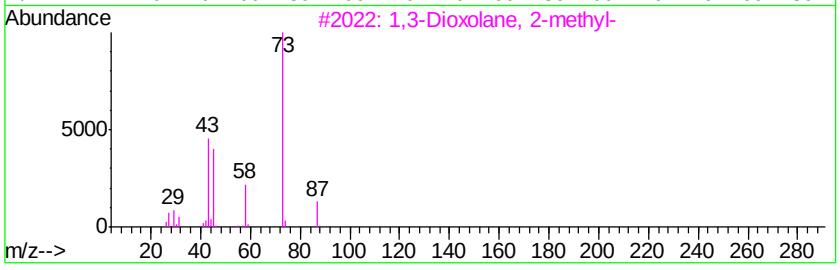


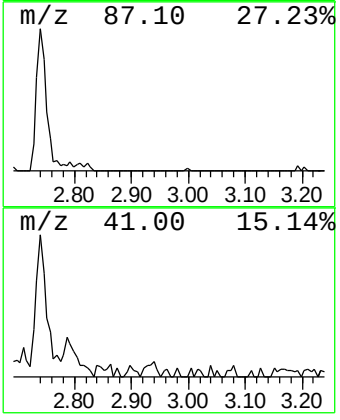












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

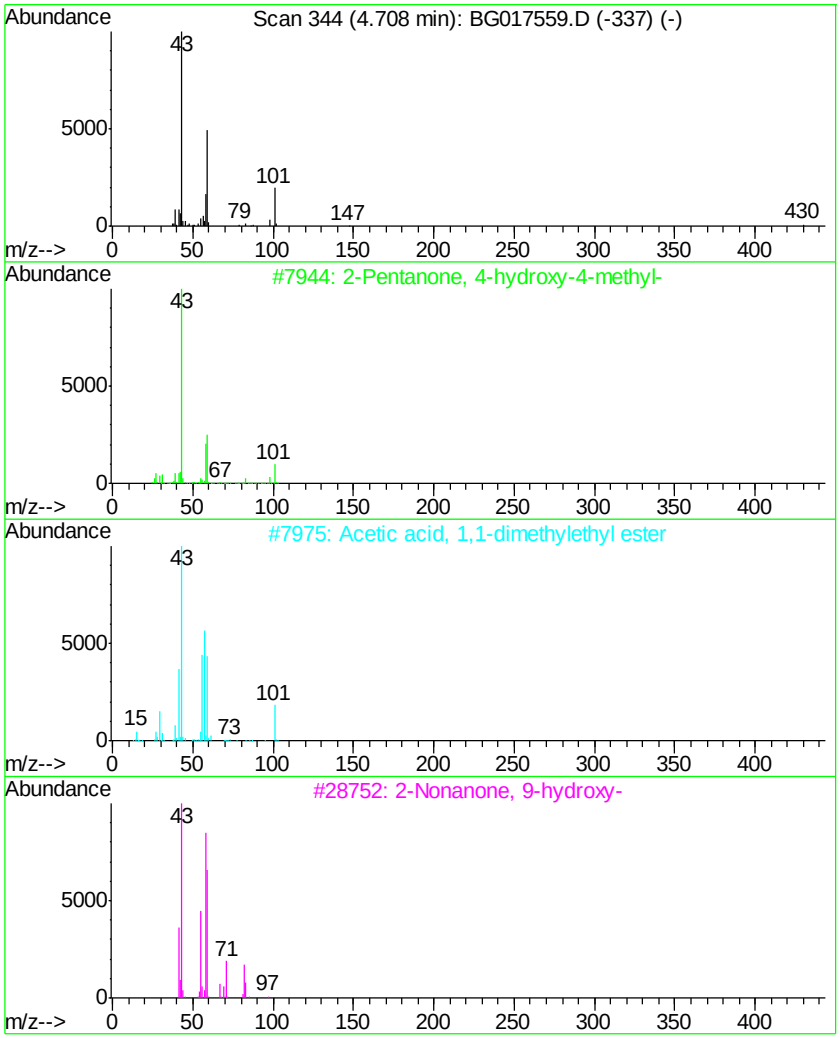
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

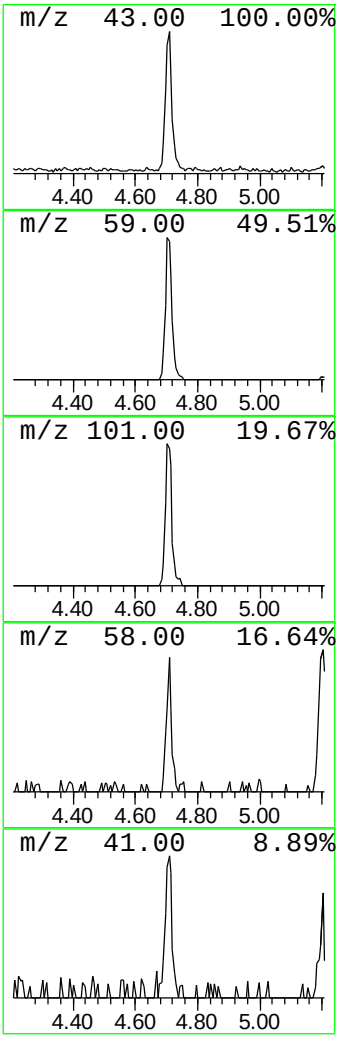
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	9.39 ng	65319	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	t-Butyl nitrite	103	C4H9NO2	000540-80-7	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

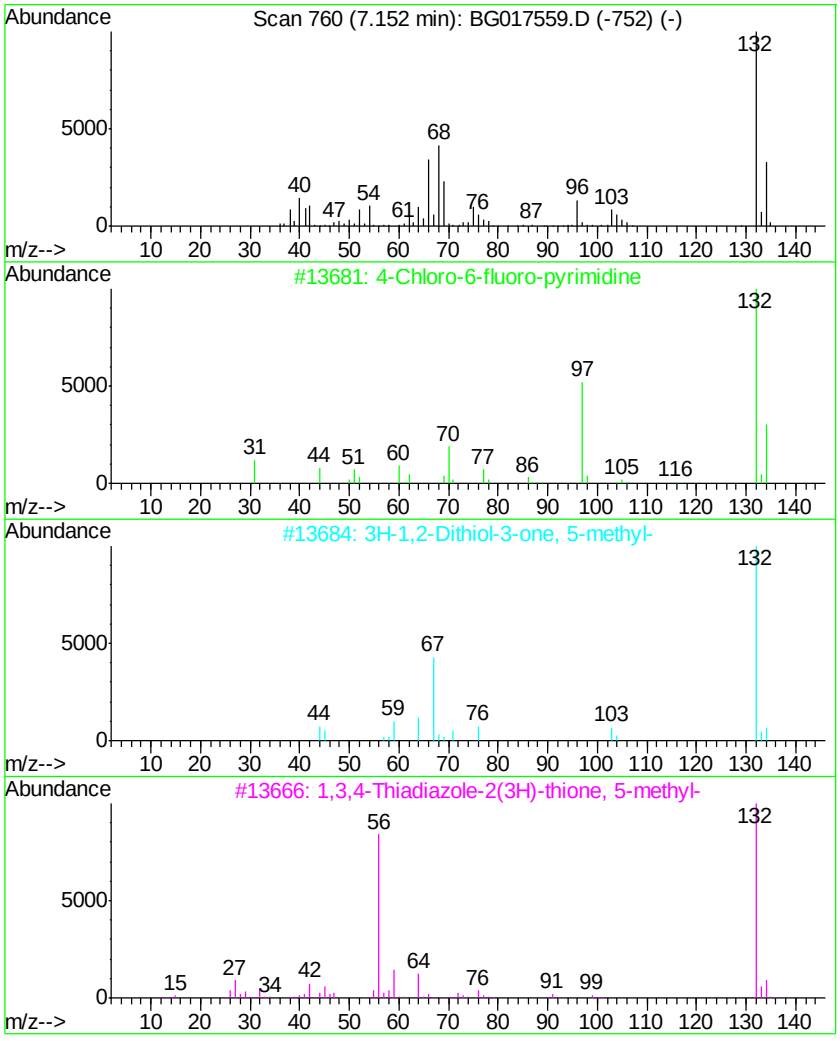
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

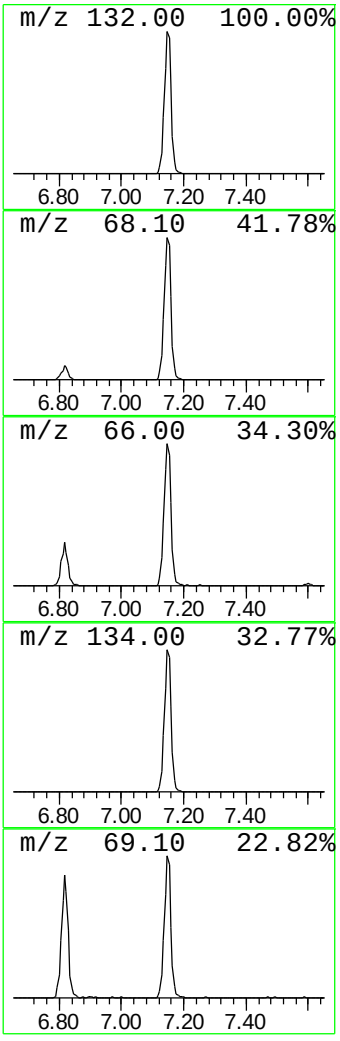
****

Peak Number 4 unknown7.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	124.93 ng	869113	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	27
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

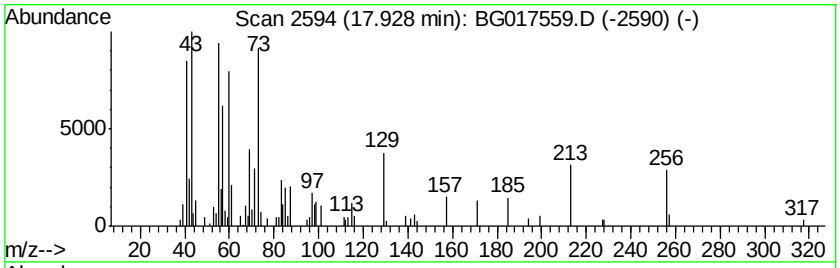
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

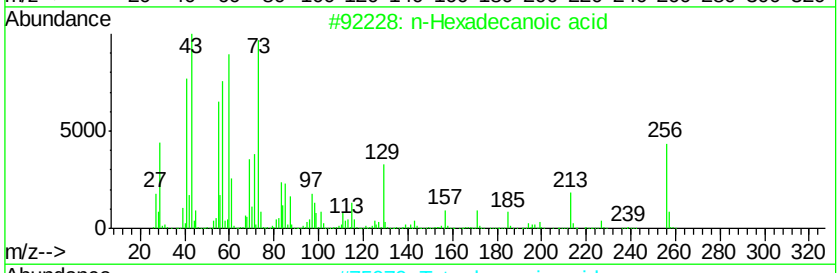
****

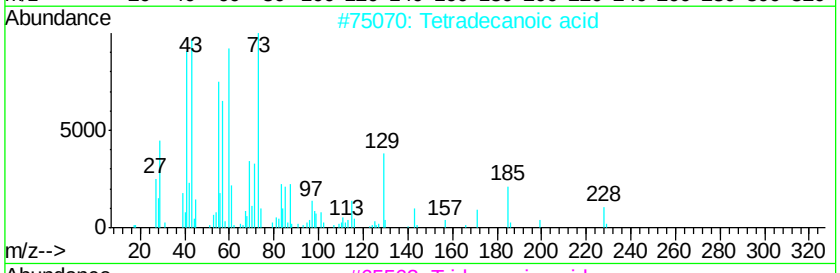
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

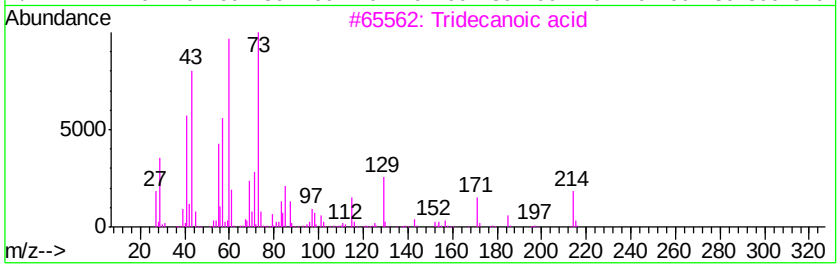
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.67 ng	86150	Phenanthrene-d10	17.02

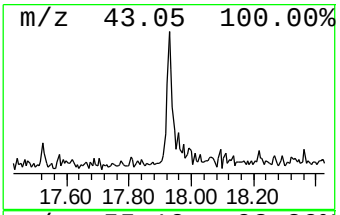
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	1-Phenazinecarboxylic acid, 6-[1...	506	C31H42N2O4	120464-92-8	59
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	53

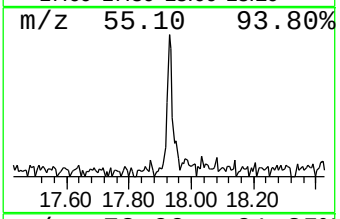


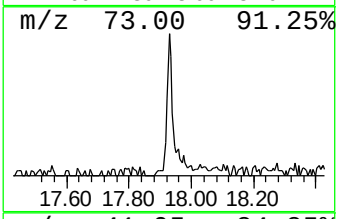


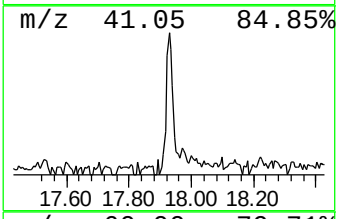


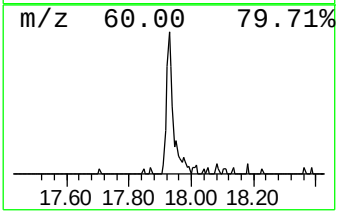












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

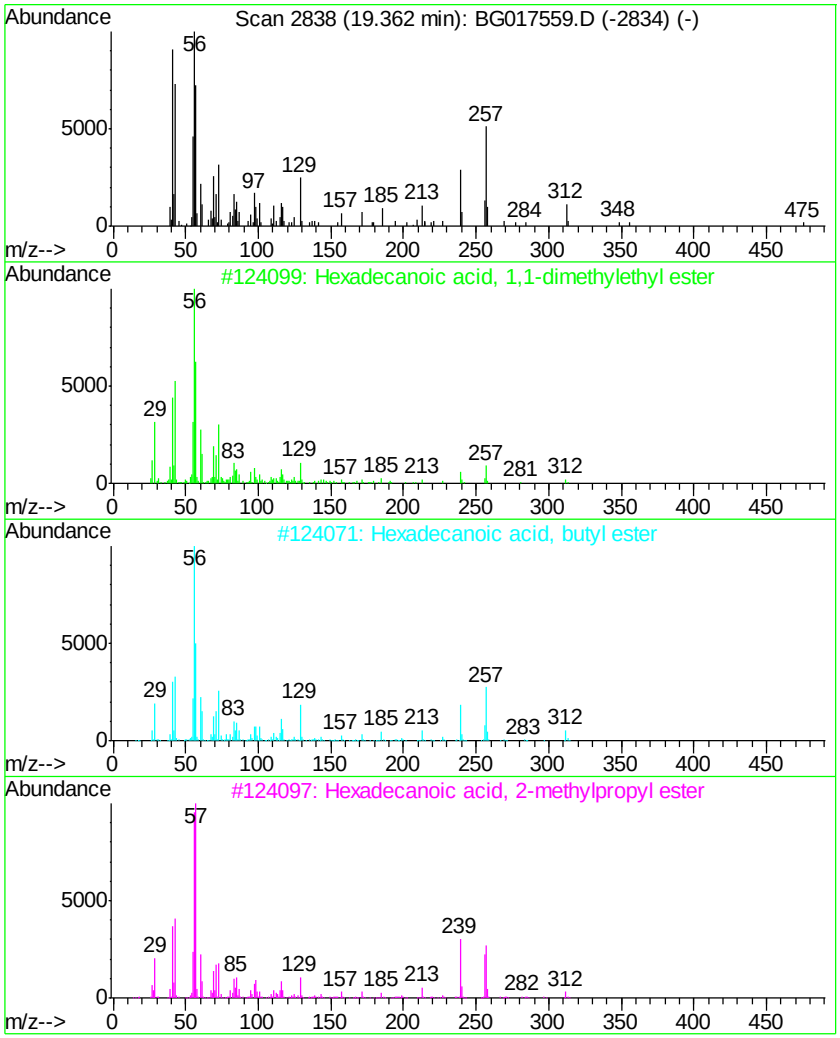
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

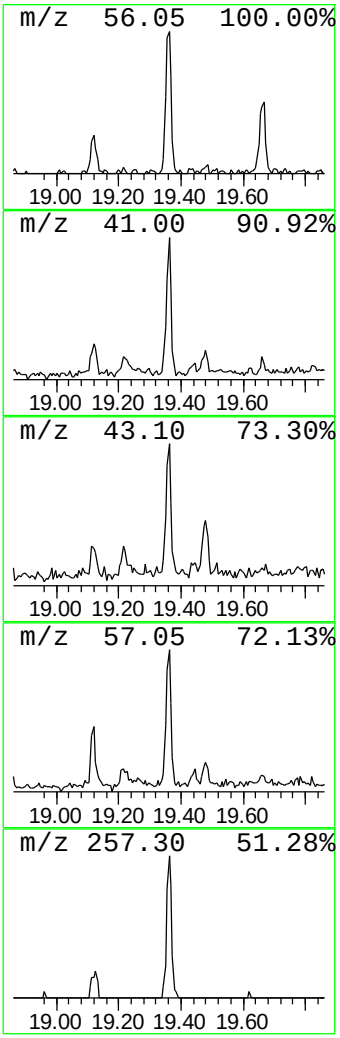
****

Peak Number 7 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	5.64 ng	102262	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	98
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	98
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	59
4	Nordextromethorphan	257	C17H23NO	051195-74-5	52
5	Benz[c]acridine, 5,9-dimethyl-	257	C19H15N	003518-03-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

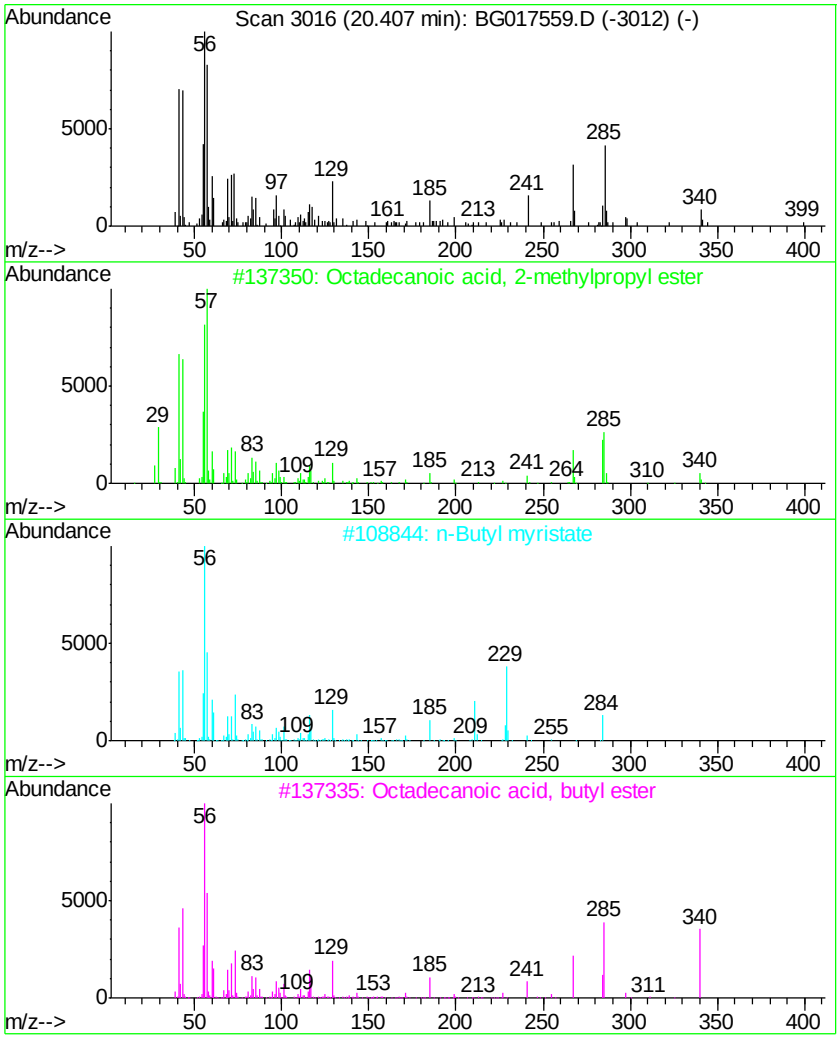
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

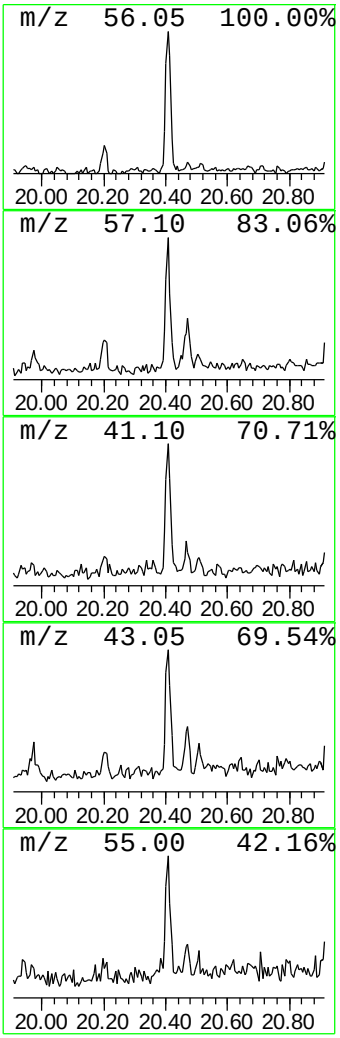
****

Peak Number 8 Octadecanoic acid, 2-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	5.00 ng	90762	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	91
2	n-Butyl myristate	284	C18H36O2	000110-36-1	87
3	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	70
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	25
5	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

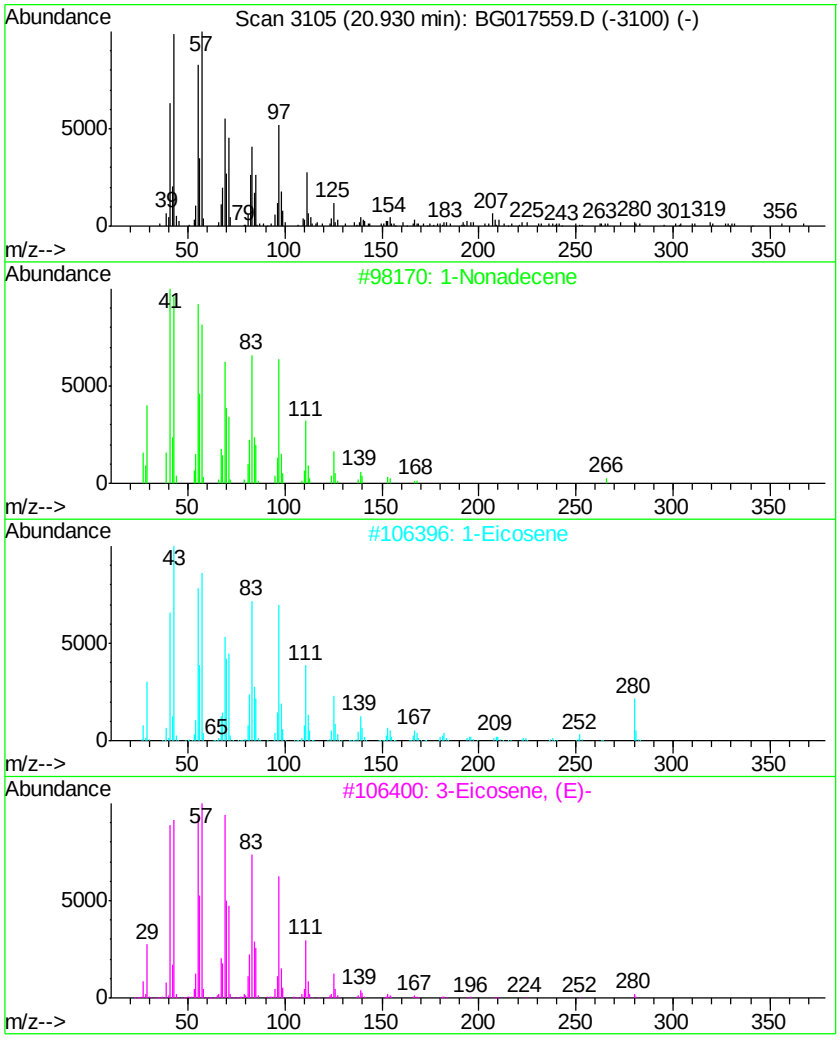
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

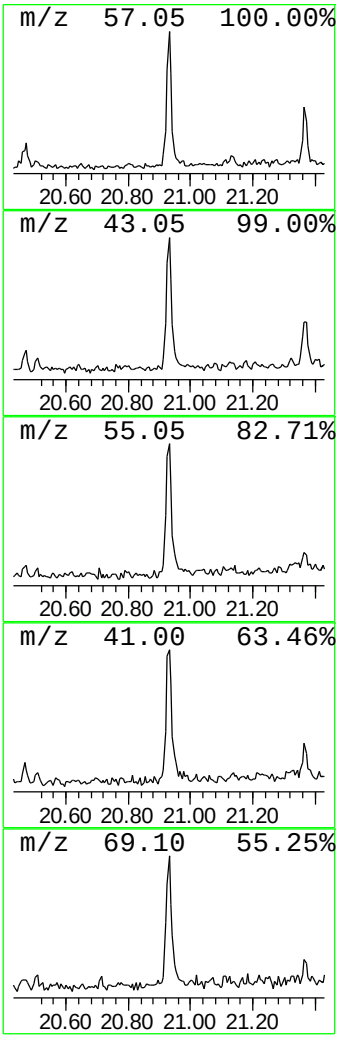
****

Peak Number 9 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	10.66 ng	193407	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	1-Eicosene	280	C20H40	003452-07-1	93
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	92
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91





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Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

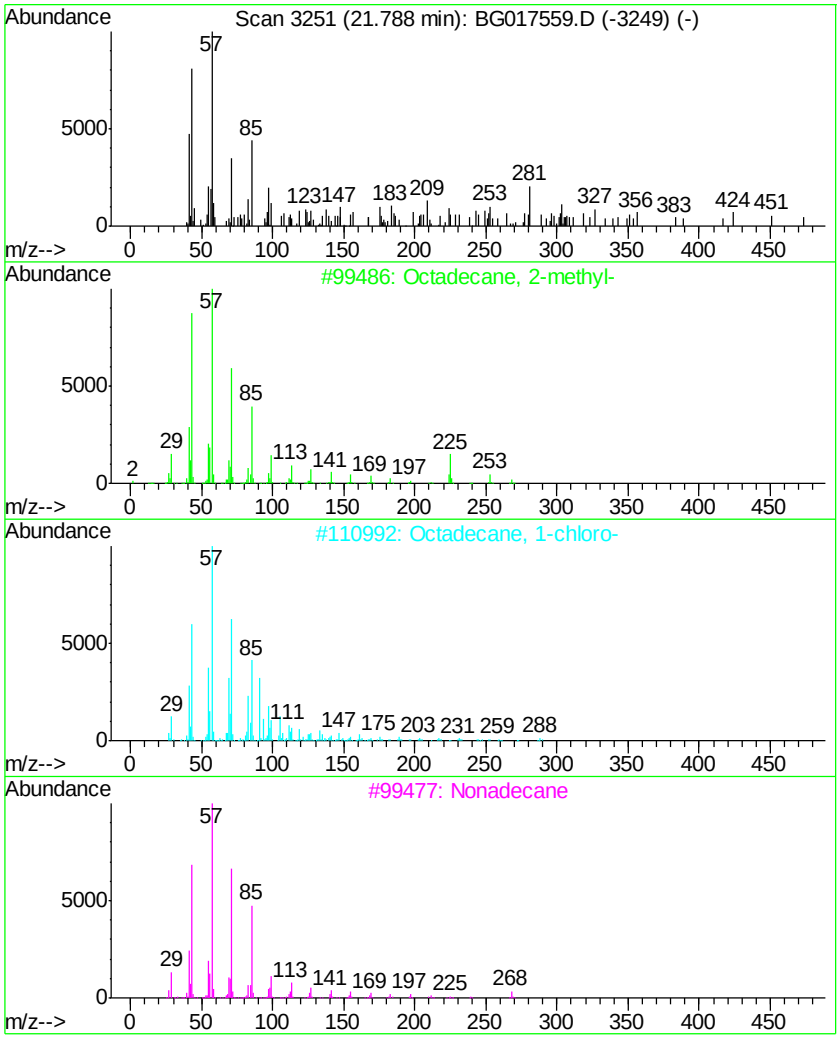
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

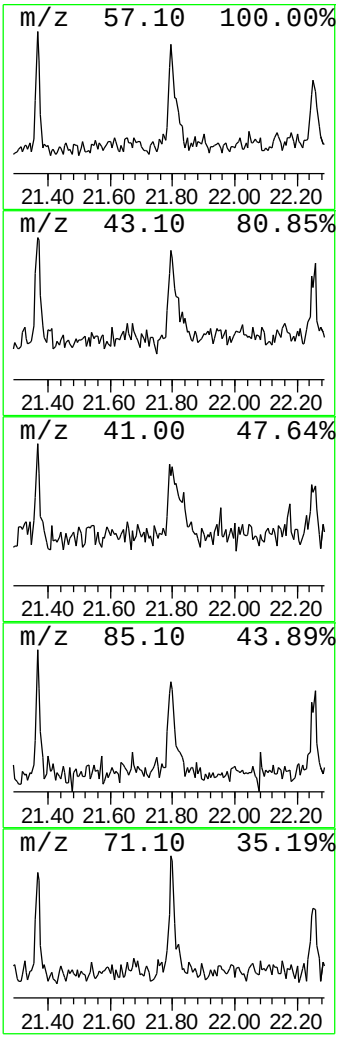
****

Peak Number 10 Octadecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.79	3.11 ng	56461	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	78
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
3	Nonadecane	268	C19H40	000629-92-5	60
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	60
5	Octadecane	254	C18H38	000593-45-3	60





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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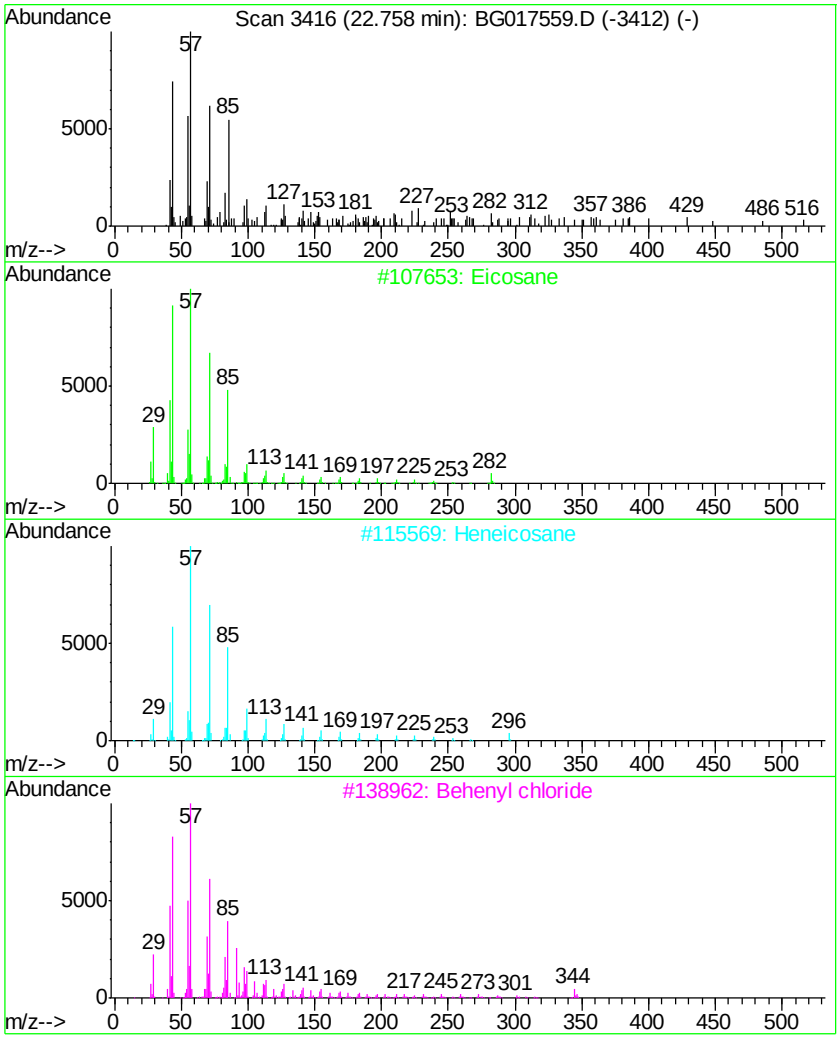
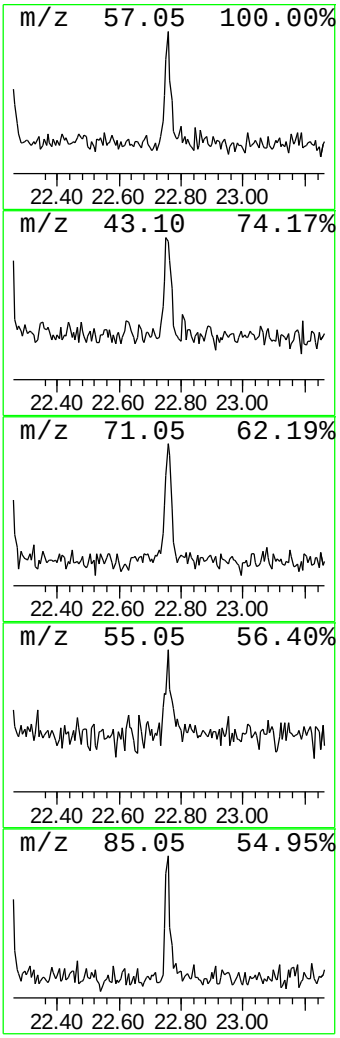
Peak Number 11 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.76	2.92 ng	51745	Perylene-d12	23.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heneicosane	296	C21H44	000629-94-7	86
3	Behenyl chloride	344	C22H45Cl	042217-03-8	62
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	62
5	Eicosane, 10-hexyl-10-methyl-	380	C27H56	055282-32-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017559.D
Acq On : 9 Jun 2015 4:53
Operator : TP/IZ
Sample : G2507-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PIER2-6(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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
Butane, 2-methoxy...	2.74	12.6	ng	87420	1	7.60	139137	20.0
2-Pentanone, 4-hy...	4.71	9.4	ng	65319	1	7.60	139137	20.0
unknown7.15	7.15	124.9	ng	869113	1	7.60	139137	20.0
n-Hexadecanoic acid	17.93	5.7	ng	86150	4	17.02	303858	20.0
Hexadecanoic acid...	19.36	5.6	ng	102262	5	21.22	362778	20.0
Octadecanoic acid...	20.41	5.0	ng	90762	5	21.22	362778	20.0
1-Nonadecene	20.93	10.7	ng	193407	5	21.22	362778	20.0
Octadecane, 2-met...	21.79	3.1	ng	56461	5	21.22	362778	20.0
Eicosane	22.76	2.9	ng	51745	6	23.45	354049	20.0