LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

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-BG051315.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	2.822	19	23	27	rBV	35310	41381	1.73%	0.329%
2	4.772	350	355	363	rVB	77982	111621	4.66%	0.889%
3	5.260	431	438	445	rBV	600719	863852	36.03%	6.878%
4	6.870	705	712	723	rBV	660303	984356	41.06%	7.838%
5	7.205	762	769	777	rBV	625982	952730	39.74%	7.586%
6	7.657	840	846	852	rVB	103282	157309	6.56%	1.253%
7	7.980	893	901	907	rBV	420151	644243	26.87%	5.130%
8	8.821	1037	1044	1051	rBV	374046	601279	25.08%	4.787%
9	10.454	1313	1322	1328	rBV	130183	228028	9.51%	1.816%
10	12.939	1738	1745	1757	rVB	877030	1238159	51.64%	9.858%
11	13.780	1883	1888	1896	rVB	167807	223056	9.30%	1.776%
12	14.220	1957	1963	1968	rVB2	20533	28181	1.18%	0.224%
13	14.320	1973	1980	1988	rVV2	221570	329513	13.74%	2.624%
14	15.178	2122	2126	2130	rVB	32914	41121	1.72%	0.327%
15	15.818	2226	2235	2242	rBV	987491	1394416	58.16%	11.103%
16	16.042	2267	2273	2275	rBV	35649	48616	2.03%	0.387%
17	16.829	2401	2407	2411	rBV	40508	49029	2.04%	0.390%
18	17.070	2442	2448	2453	rBV	329358	461969	19.27%	3.678%
19	17.569	2526	2533	2538	rVB2	28072	39528	1.65%	0.315%
20	17.975	2597	2602	2611	rBV	131084	185398	7.73%	1.476%
21	18.263	2647	2651	2657	rVB	21749	26157	1.09%	0.208%
22	19.255	2816	2820	2827	rBV4	30021	52523	2.19%	0.418%
23	19.702	2890	2896	2902	rBV	1993379	2397609	100.00%	19.090%
24	20.965	3107	3111	3118	rVB	161385	194082	8.09%	1.545%
25	21.253	3155	3160	3165	rBV	445787	548869	22.89%	4.370%
26	22.428	3356	3360	3372	rVB	112413	174817	7.29%	1.392%
27	23.498	3535	3542	3550	rVB2	270903	541607	22.59%	4.312%

Sum of corrected areas: 12559449

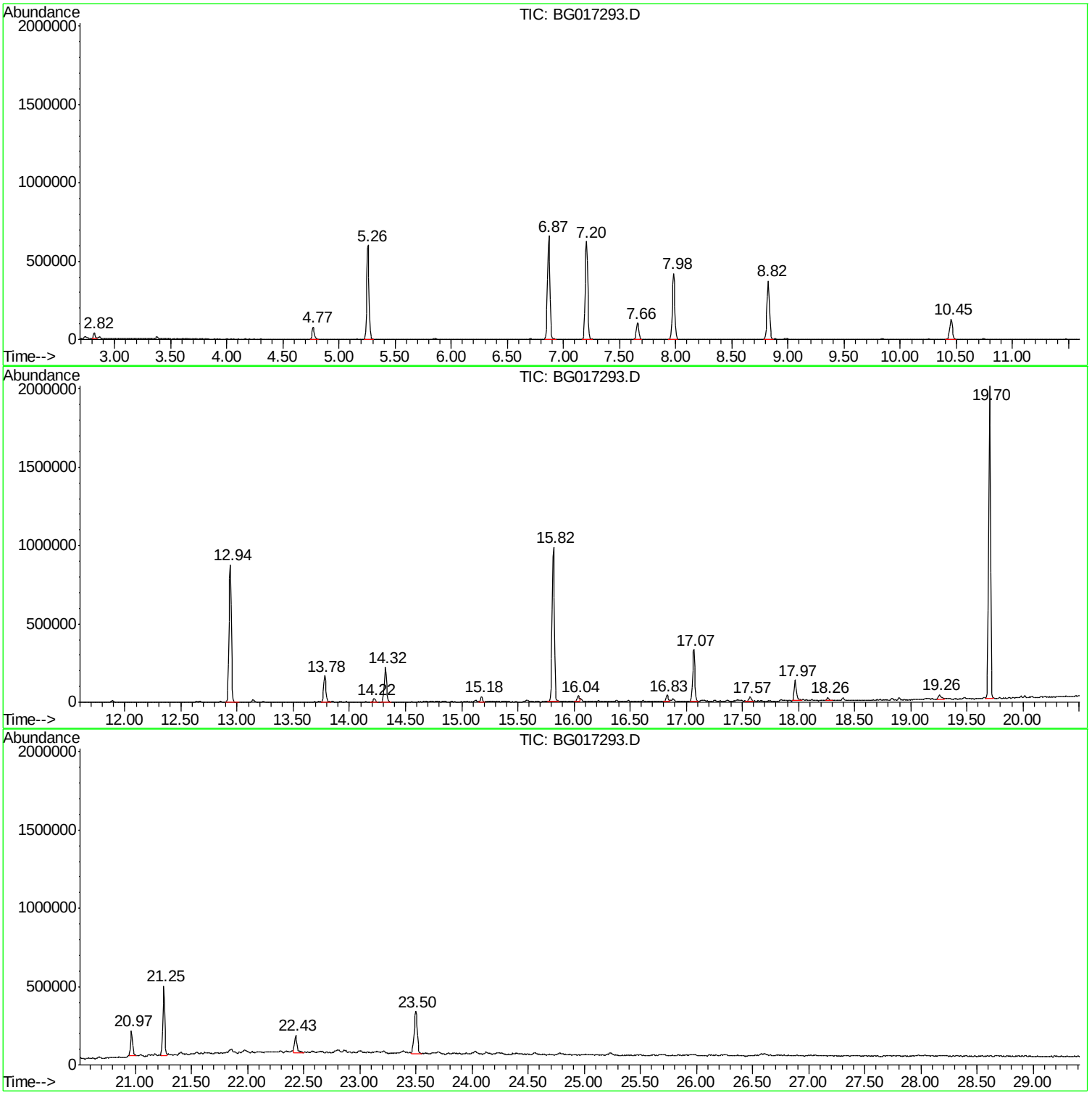
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

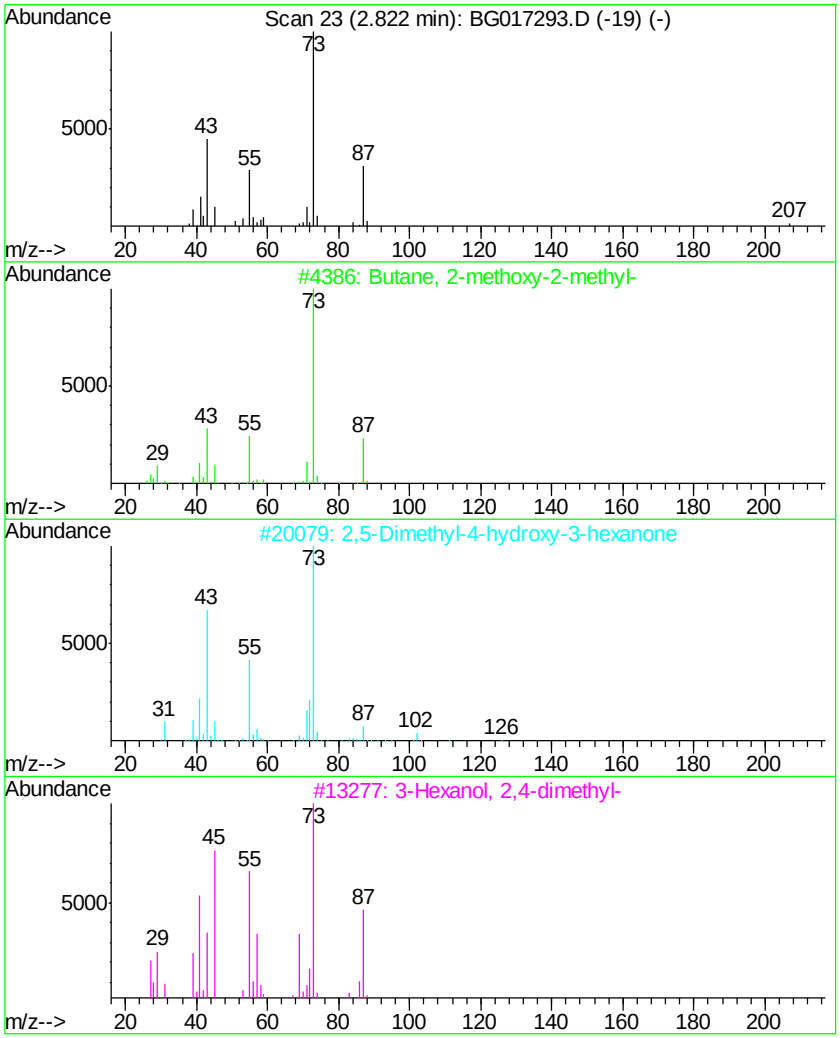
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

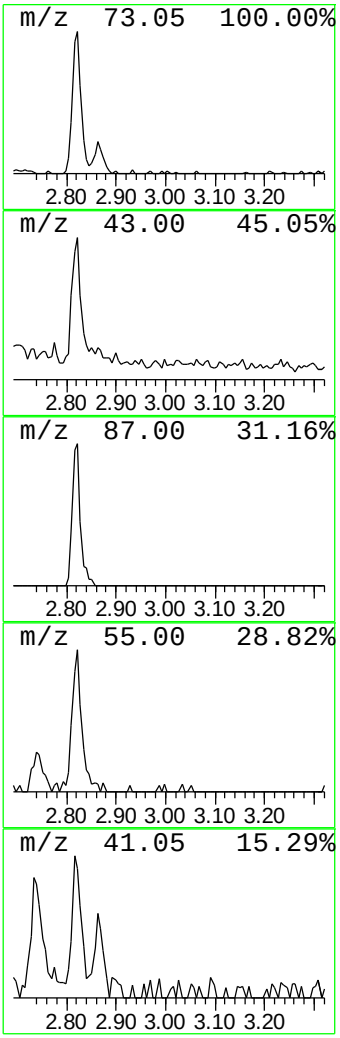
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	5.26 ng	41381	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	38
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	38
4	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	38
5	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

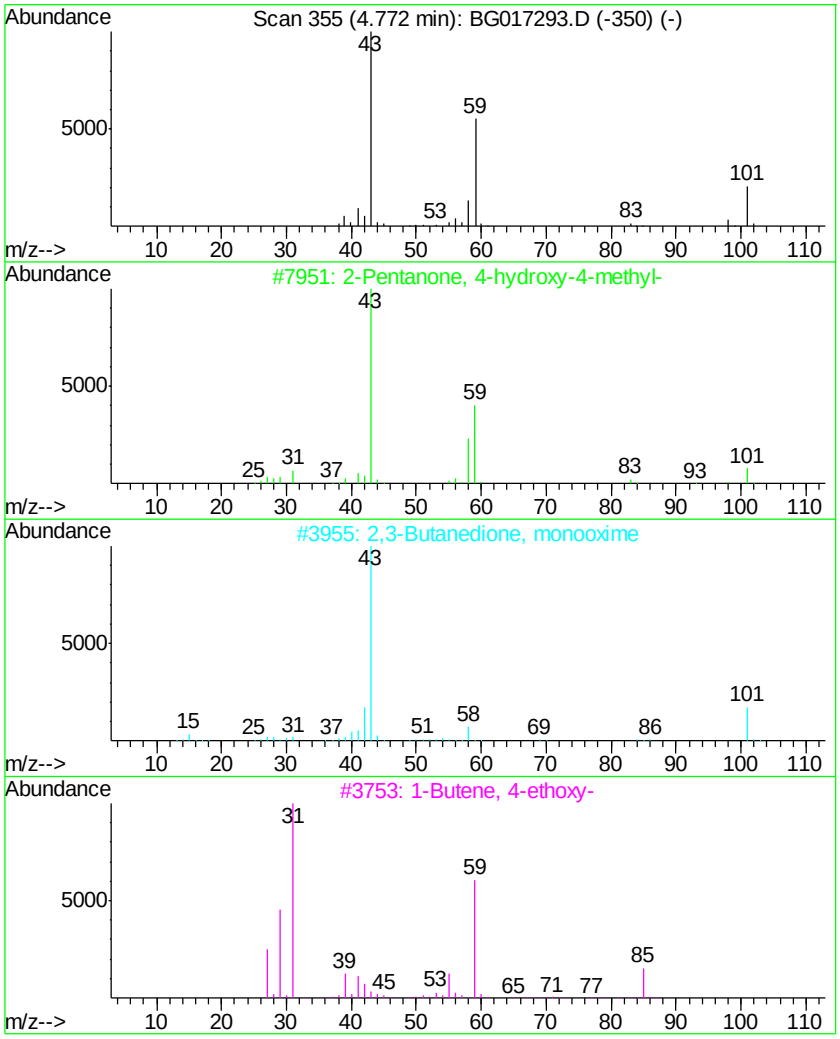
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

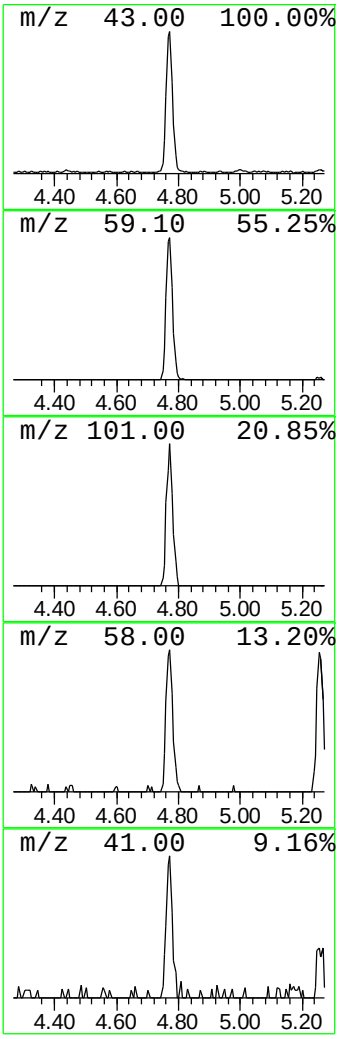
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	14.19 ng	111621	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	17
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

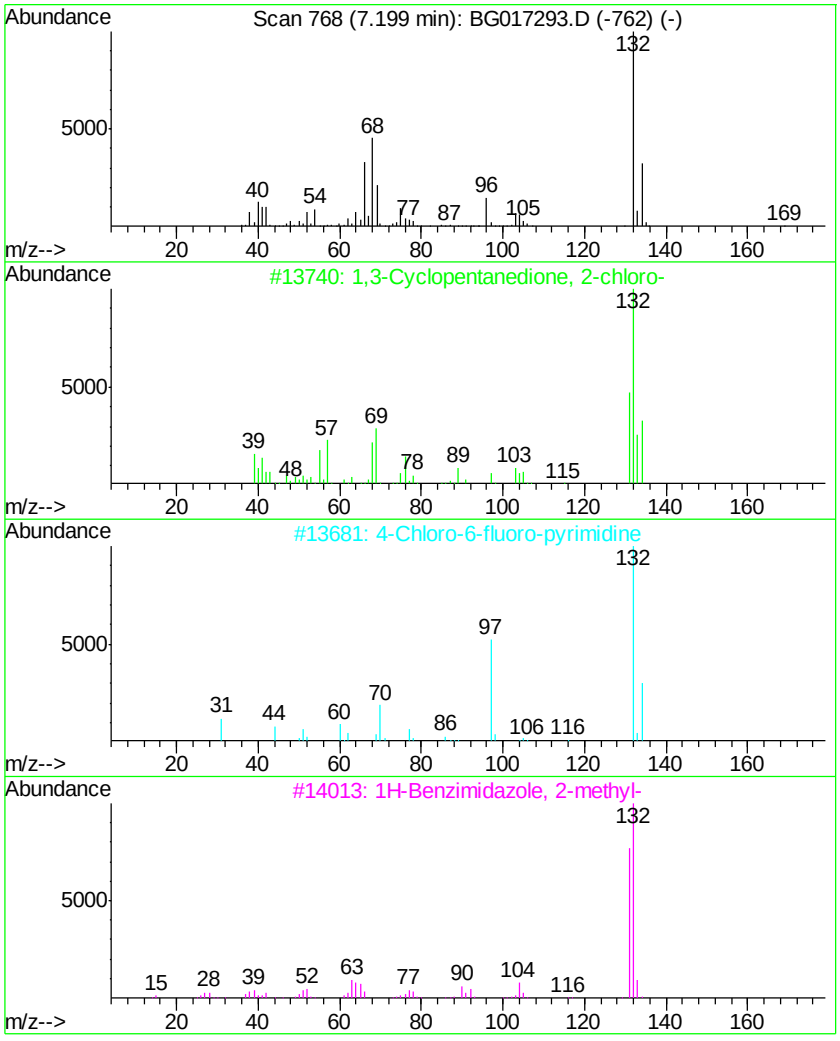
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

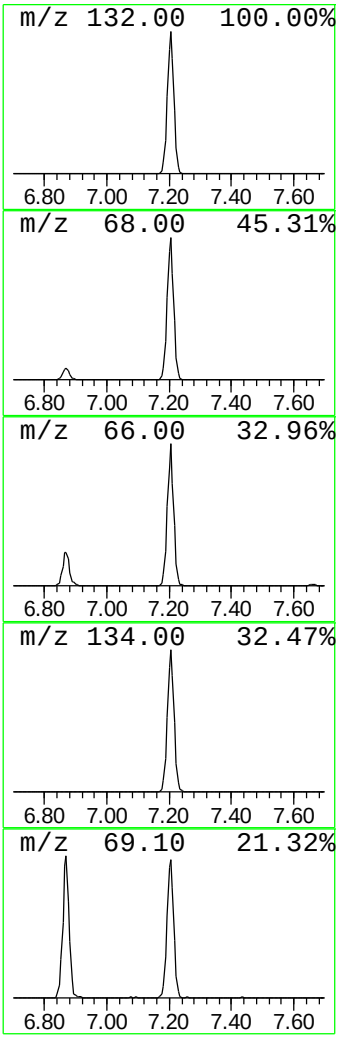
****

Peak Number 3 unknown7.20 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	121.13 ng	952730	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

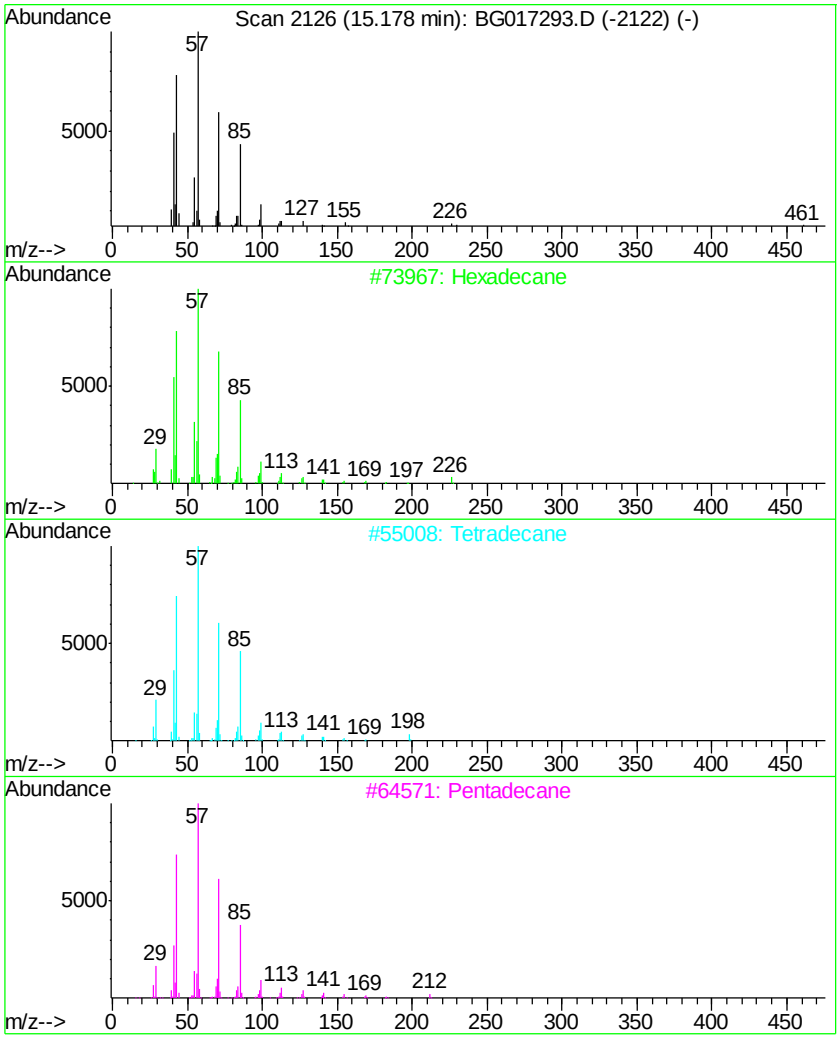
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

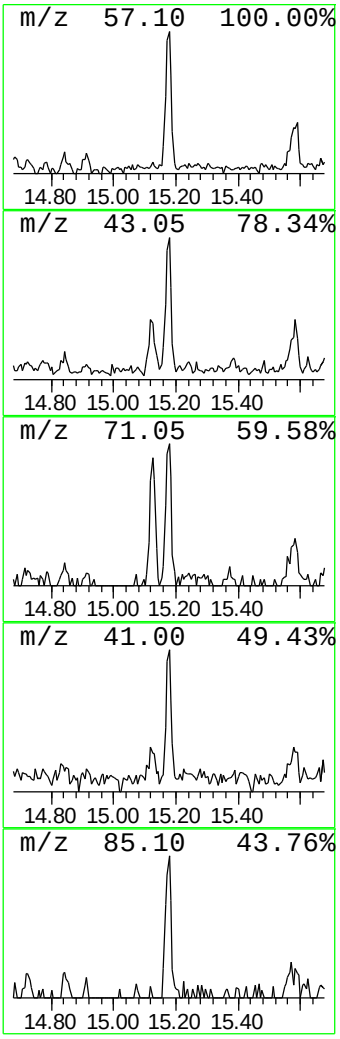
****

Peak Number 5 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	2.50 ng	41121	Acenaphthene-d10	14.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	87
3	Pentadecane	212	C15H32	000629-62-9	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5	Nonadecane	268	C19H40	000629-92-5	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

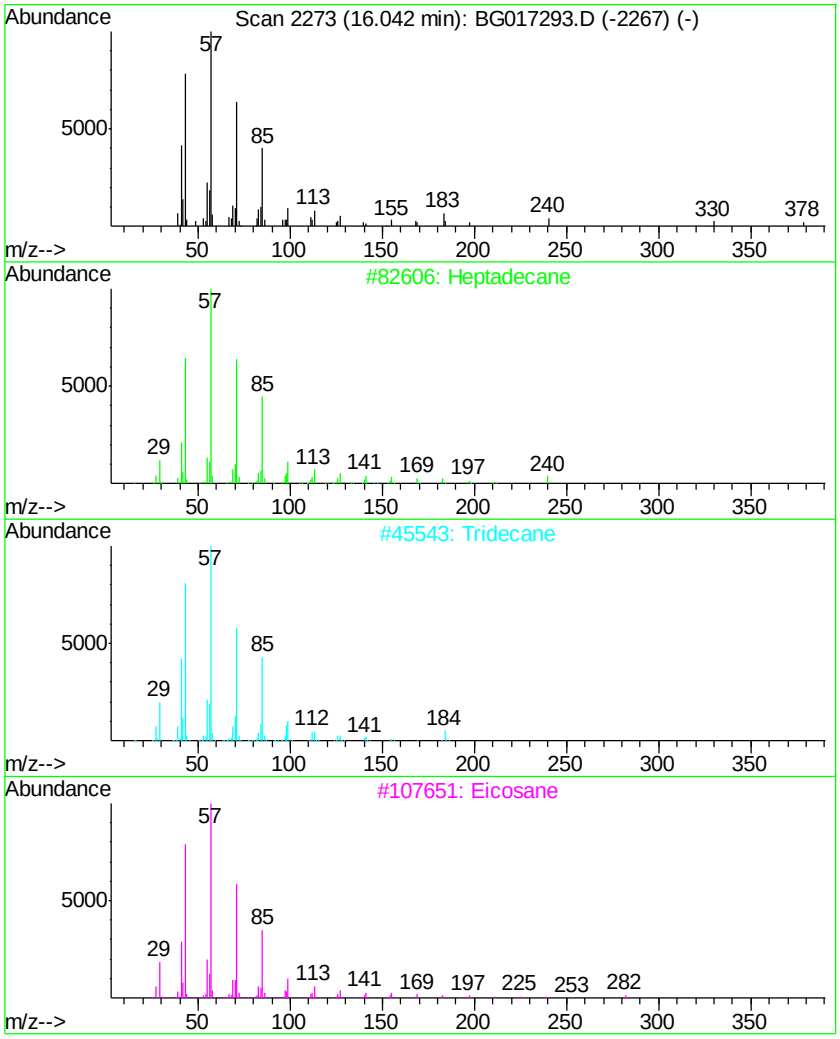
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

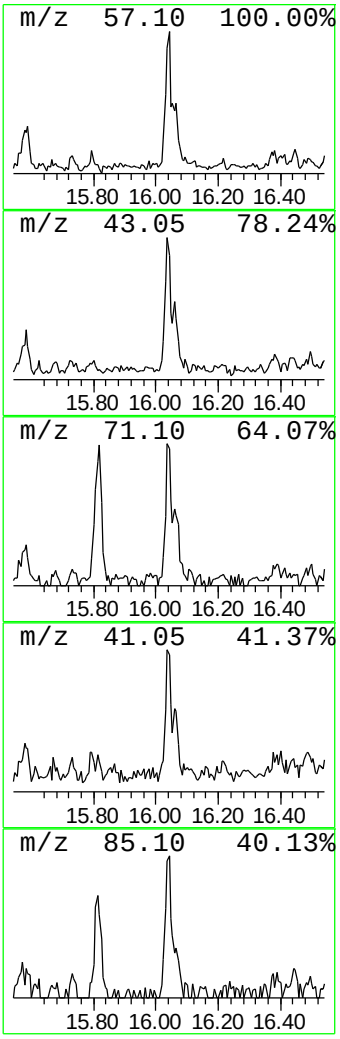
****

Peak Number 6 Heptadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.04	2.10 ng	48616	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Eicosane	282	C20H42	000112-95-8	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

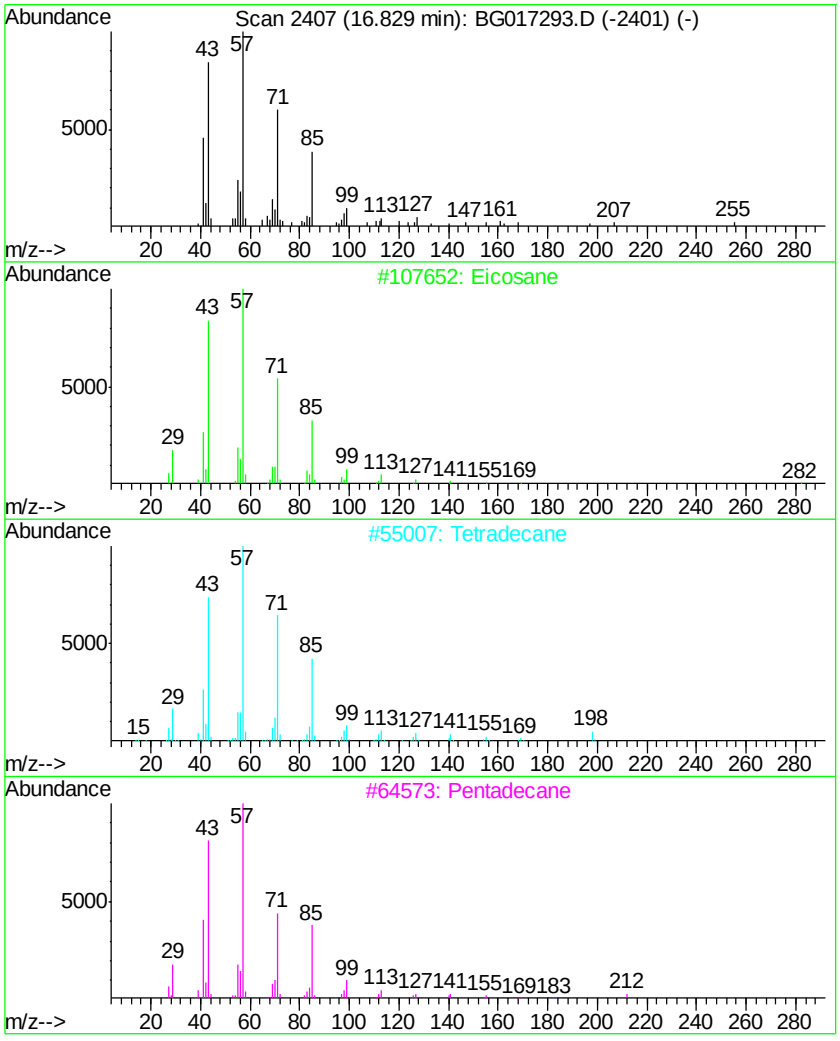
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

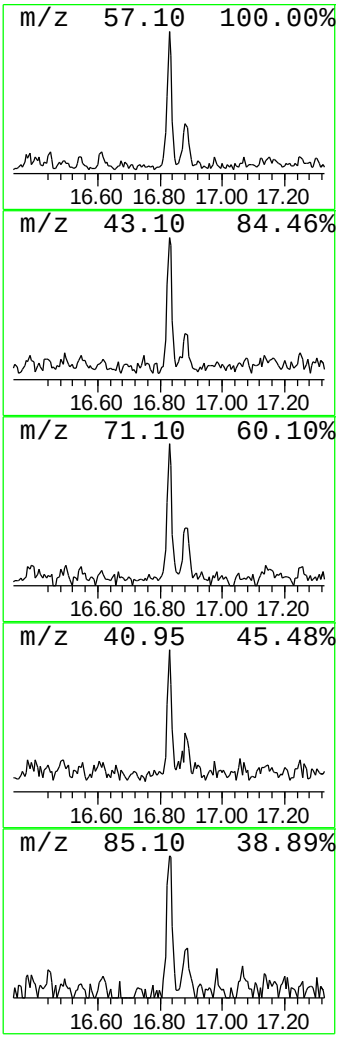
****

Peak Number 7 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	2.12 ng	49029	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane	184	C13H28	000629-50-5	90





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Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

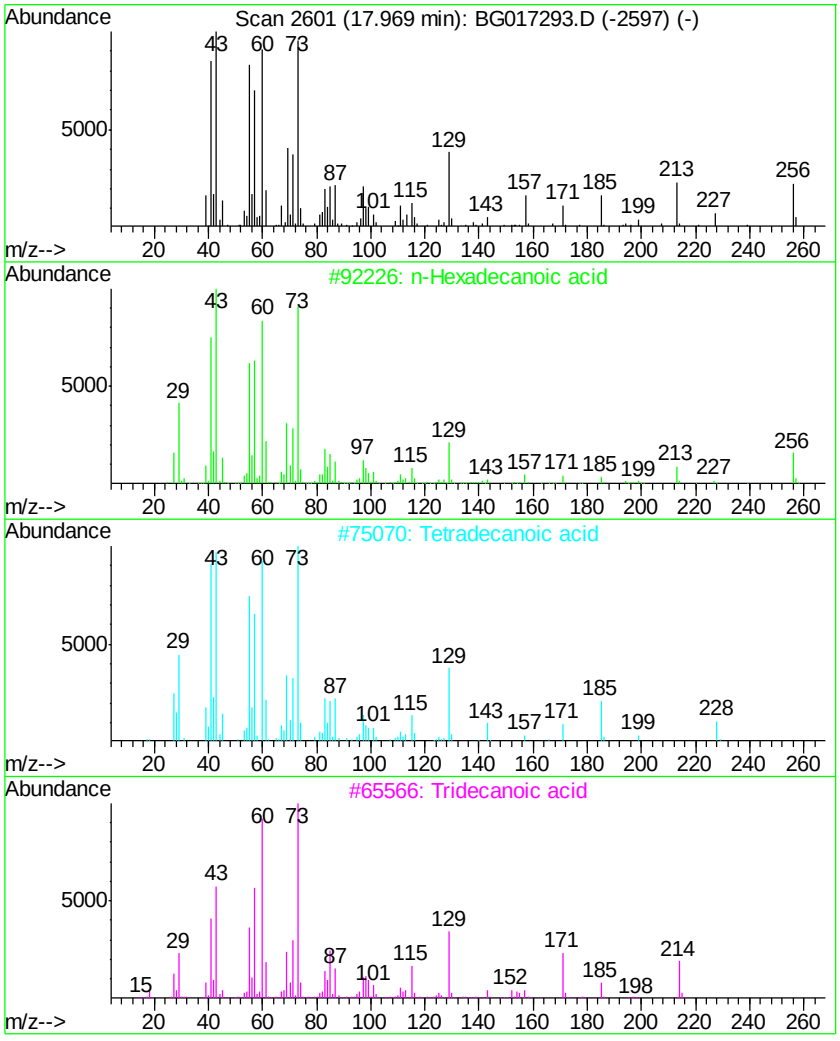
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

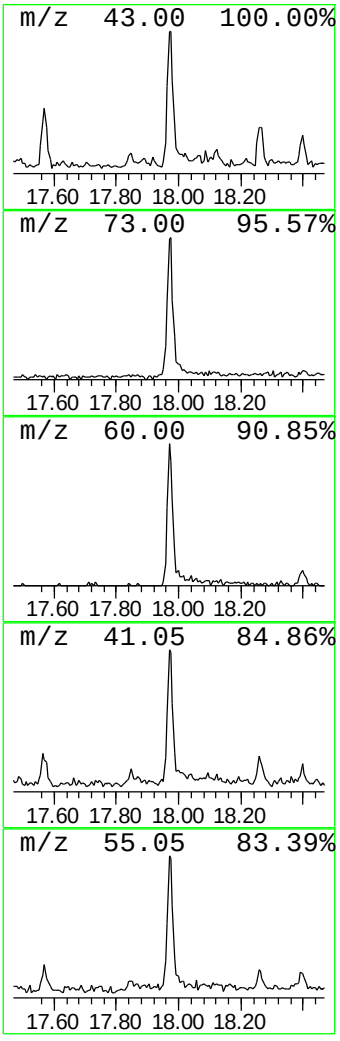
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	8.03 ng	185398	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	53
5	Dodecanoic acid	200	C12H24O2	000143-07-7	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

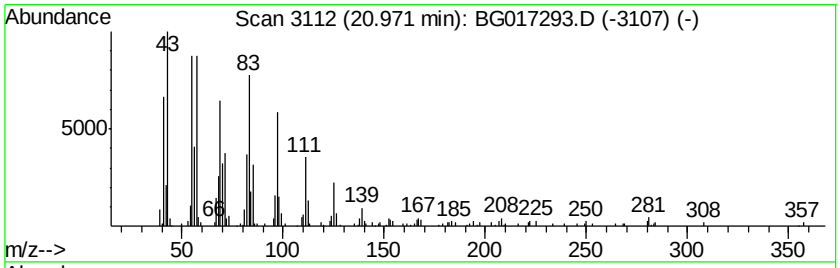
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

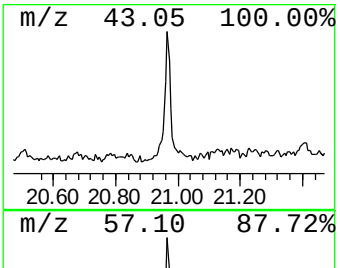
****

Peak Number 9 Cycloeicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	7.07 ng	194082	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	97
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94
3	1-Eicosene	280	C20H40	003452-07-1	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91





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Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

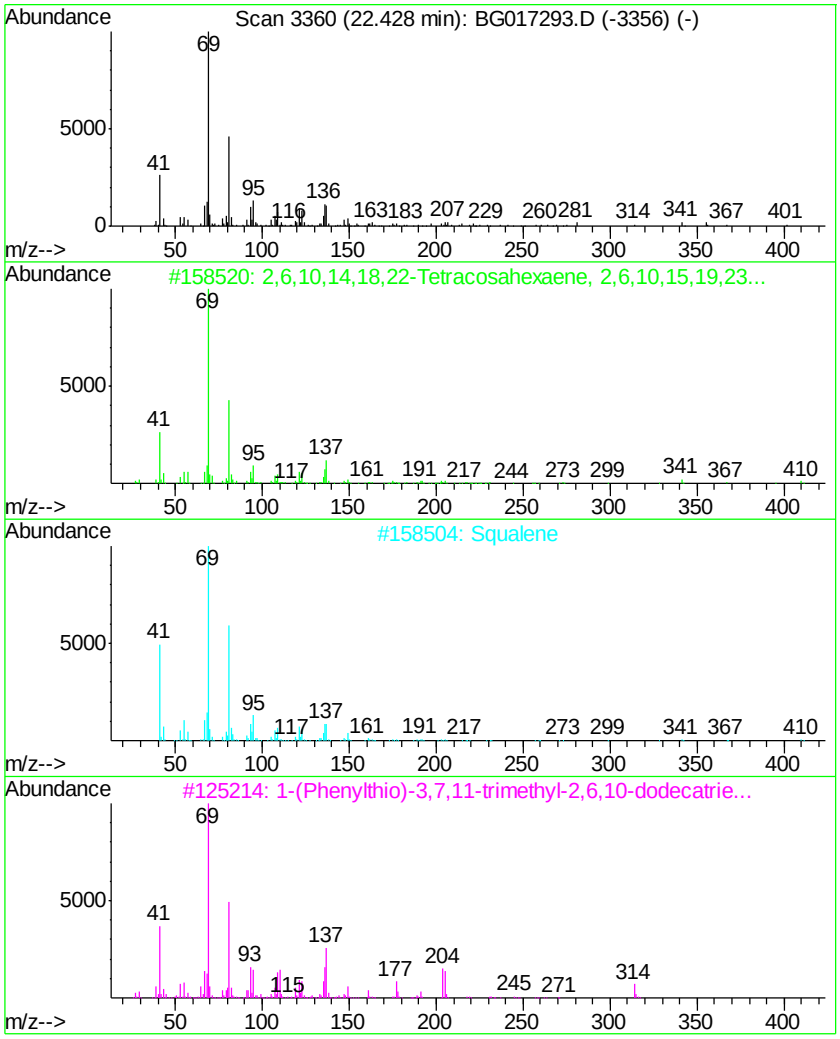
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

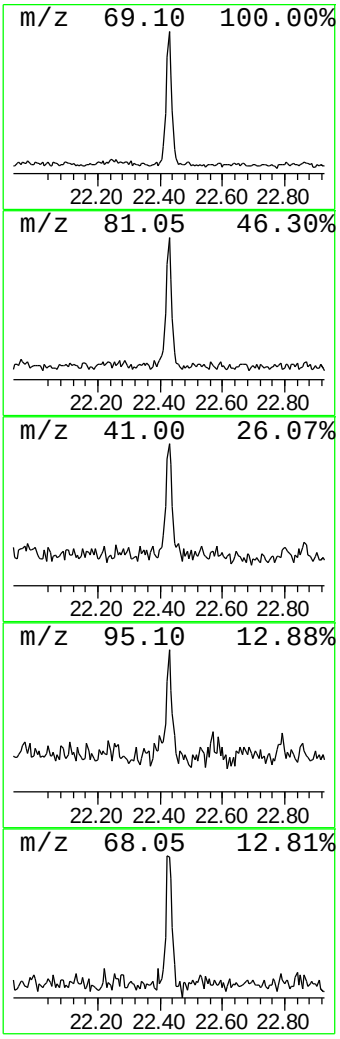
****

Peak Number 10 2,6,10,14,18,22-Tetracosahe... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.43	6.46 ng	174817	Perylene-d12	23.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
2	Squalene	410	C30H50	007683-64-9	90
3	1-(Phenylthio)-3,7,11-trimethyl-...	314	C21H30S	028413-57-2	87
4	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
5	5,9,13-Pentadecatrien-2-one, 6,1...	262	C18H30O	001117-52-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
Data File : BG017293.D
Acq On : 27 May 2015 00:28
Operator : TP/IZ
Sample : G2383-09
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HF-3(7.5-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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...	2.82	5.3	ng	41381	1	7.66	157309	20.0
2-Pentanone, 4-hy...	4.77	14.2	ng	111621	1	7.66	157309	20.0
unknown7.20	7.20	121.1	ng	952730	1	7.66	157309	20.0
Hexadecane	15.18	2.5	ng	41121	3	14.32	329513	20.0
Heptadecane	16.04	2.1	ng	48616	4	17.07	461969	20.0
Eicosane	16.83	2.1	ng	49029	4	17.07	461969	20.0
n-Hexadecanoic acid	17.97	8.0	ng	185398	4	17.07	461969	20.0
Cycloeicosane	20.97	7.1	ng	194082	5	21.25	548869	20.0
2,6,10,14,18,22-T...	22.43	6.5	ng	174817	6	23.50	541607	20.0