LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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	2.738	4	8	15	rBV	55439	64420	3.70%	0.675%
2	4.706	338	343	353	rVB2	22201	31626	1.82%	0.331%
3	5.199	421	427	438	rBV	401309	574392	32.99%	6.015%
4	6.815	692	702	710	rBV	444717	667849	38.35%	6.993%
5	7.150	752	759	766	rBV	421590	676382	38.84%	7.083%
6	7.603	829	836	843	rVB2	89505	137862	7.92%	1.444%
7	7.920	883	890	899	rBV	322640	503482	28.91%	5.272%
8	8.766	1027	1034	1040	rBV	263820	436725	25.08%	4.573%
9	10.399	1304	1312	1318	rBV	112561	198307	11.39%	2.077%
10	12.885	1729	1735	1741	rBV	712772	1011583	58.09%	10.593%
11	13.731	1870	1879	1886	rBV	43546	69075	3.97%	0.723%
12	14.271	1962	1971	1979	rBV2	184157	279275	16.04%	2.924%
13	15.129	2112	2117	2122	rVB3	15475	20698	1.19%	0.217%
14	15.769	2218	2226	2233	rBV	658073	955456	54.87%	10.005%
15	15.993	2259	2264	2266	rBV3	15799	20009	1.15%	0.210%
16	17.021	2433	2439	2444	rBV2	247744	352065	20.22%	3.687%
17	17.062	2444	2446	2452	rVB2	18351	21906	1.26%	0.229%
18	17.932	2590	2594	2601	rBV3	72916	116890	6.71%	1.224%
19	19.089	2786	2791	2794	rBV	41430	56933	3.27%	0.596%
20	19.124	2794	2797	2800	rVB2	29210	34283	1.97%	0.359%
21	19.212	2809	2812	2819	rBV9	15892	33388	1.92%	0.350%
22	19.359	2833	2837	2841	rVB2	121604	135384	7.78%	1.418%
23	19.453	2848	2853	2855	rBV2	31257	45533	2.61%	0.477%
24	19.477	2855	2857	2861	rVB3	24332	25973	1.49%	0.272%
25	19.665	2883	2889	2894	rBV	1380767	1741263	100.00%	18.233%
26	20.200	2978	2980	2987	rBV5	21861	33284	1.91%	0.349%
27	20.405	3012	3015	3020	rVB	106641	125856	7.23%	1.318%
28	20.464	3020	3025	3029	rBV4	25136	44379	2.55%	0.465%
29	20.934	3101	3105	3112	rVB	134208	180101	10.34%	1.886%
30	21.216	3147	3153	3158	rBV	346792	459989	26.42%	4.817%
31	21.369	3176	3179	3184	rBV	43978	53158	3.05%	0.557%
32	21.798	3249	3252	3255	rBV2	39354	52091	2.99%	0.545%
33	23.449	3527	3533	3541	rVB2	215310	390294	22.41%	4.087%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

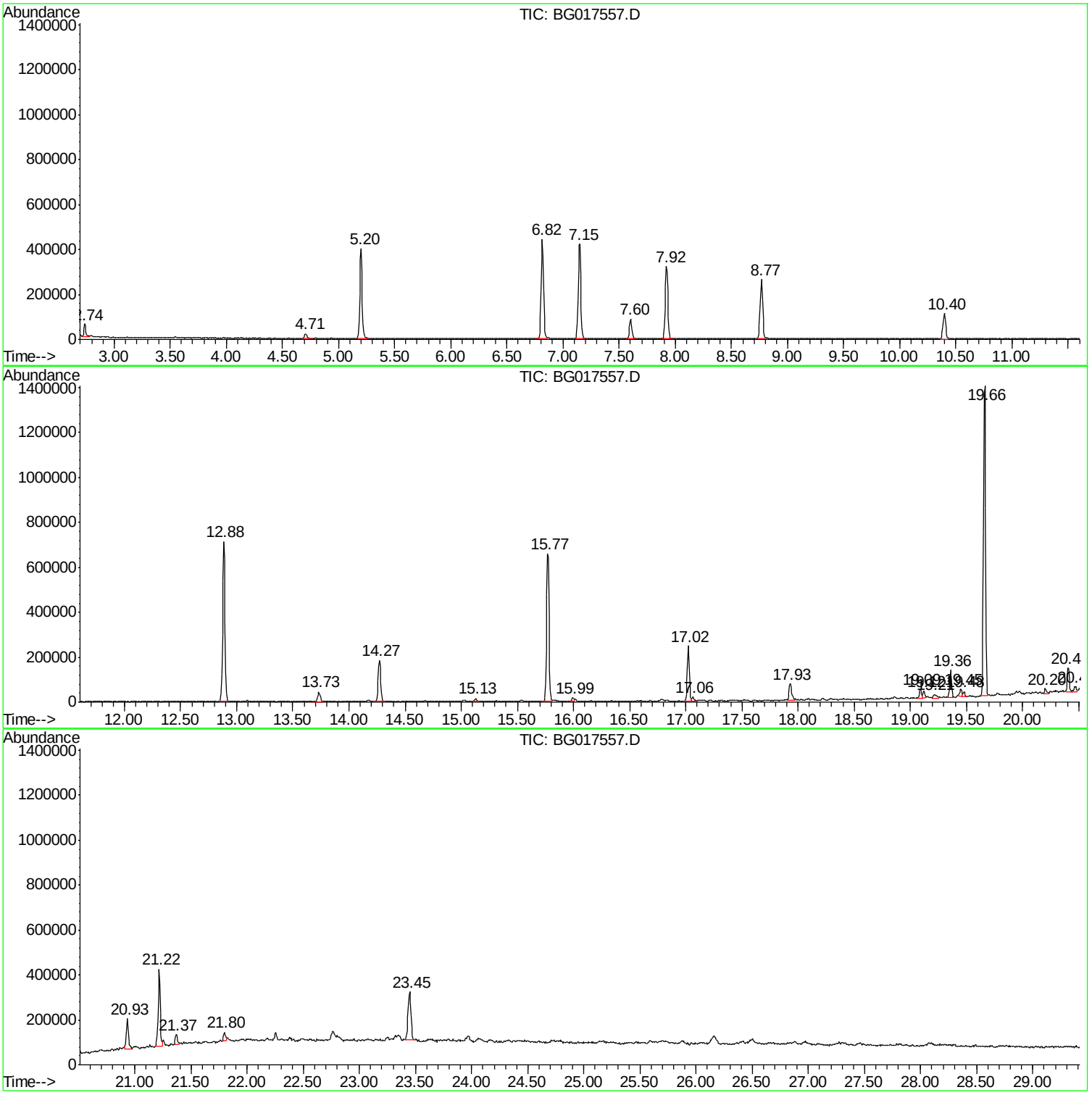
Sum of corrected areas: 9549911

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AVE-E-RA15.2(4)

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

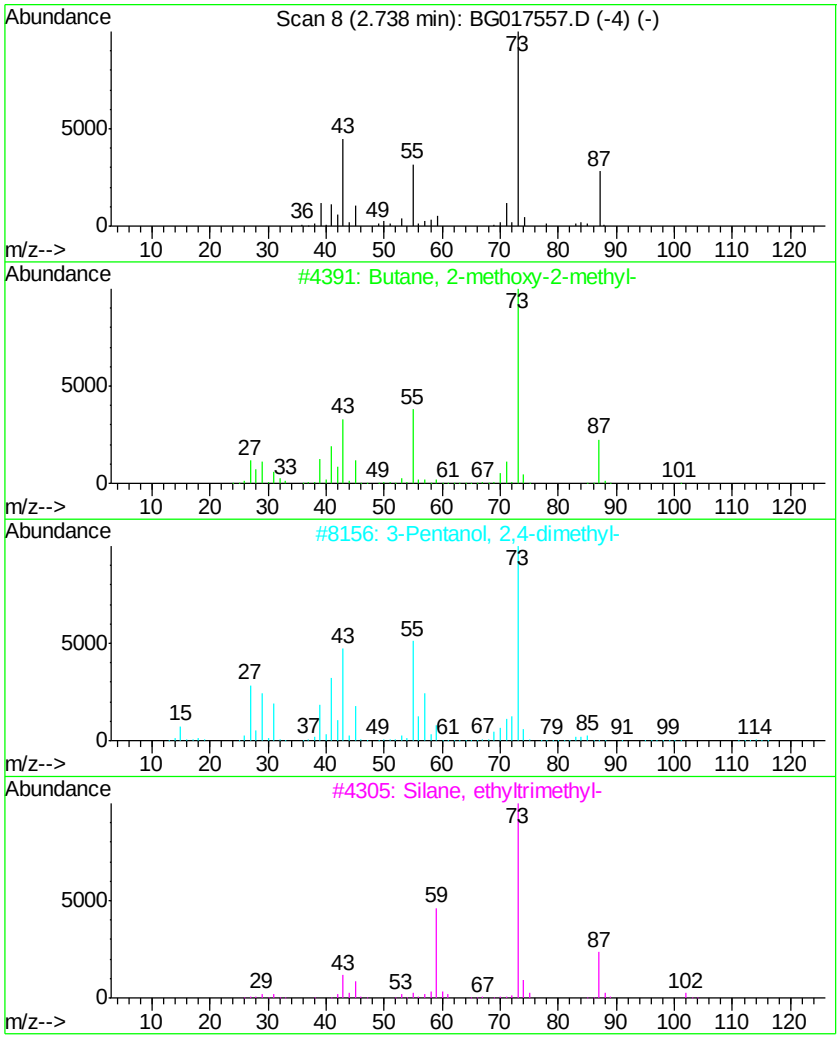
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

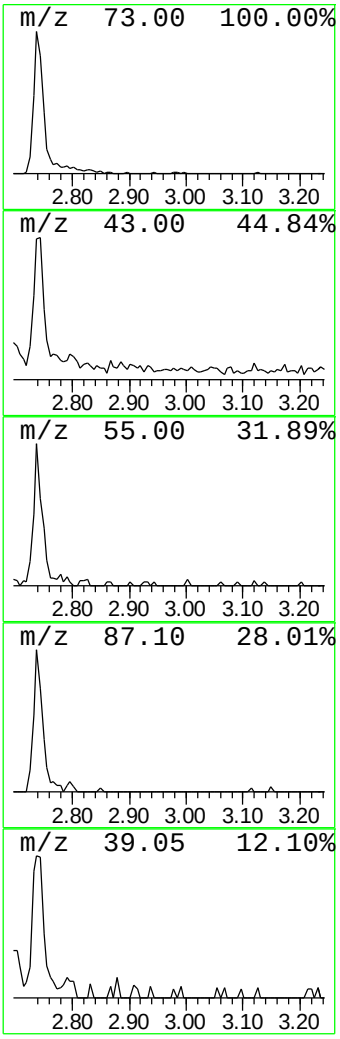
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.74	9.35 ng	64420	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	56
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	43
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	22
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

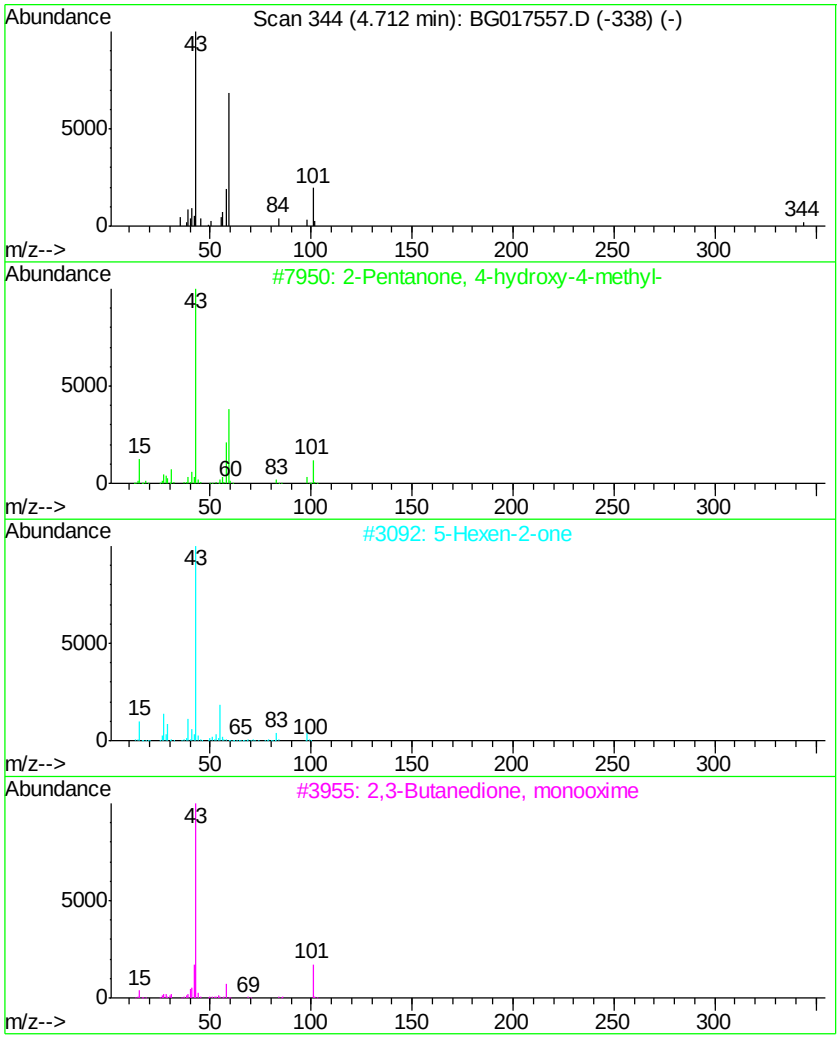
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

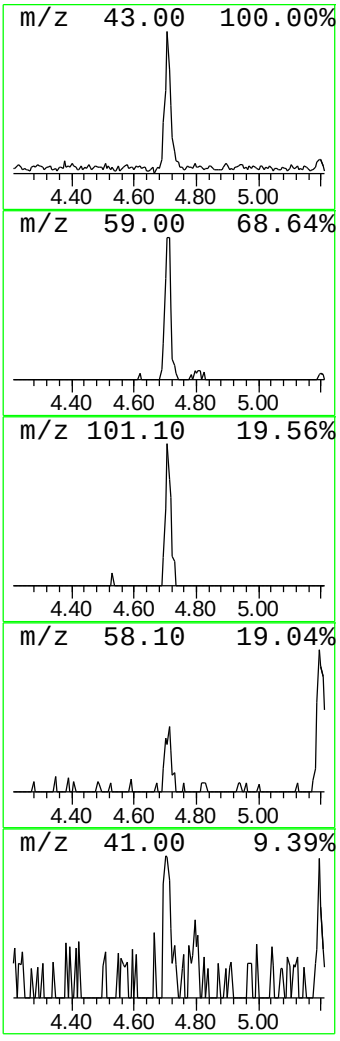
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	4.59 ng	31626	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	64
2	5-Hexen-2-one	98	C6H10O	000109-49-9	14
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
4	2-Pentanone	86	C5H10O	000107-87-9	10
5	Diacetamide	101	C4H7NO2	000625-77-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

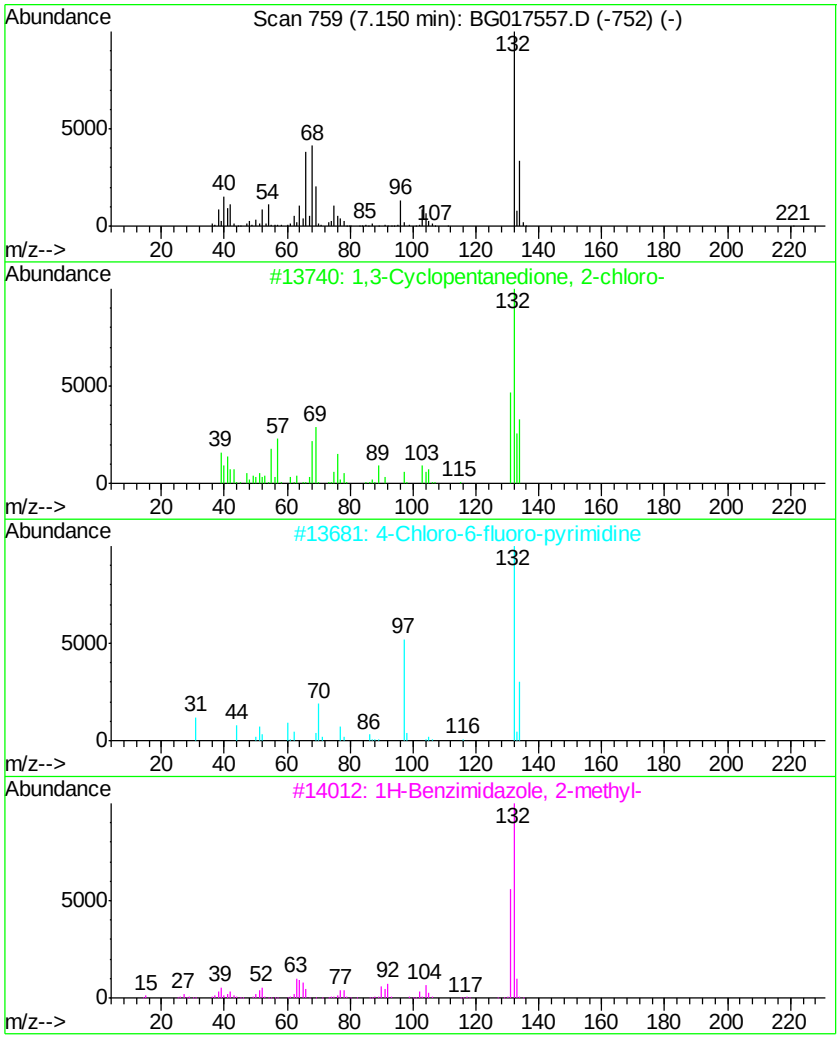
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

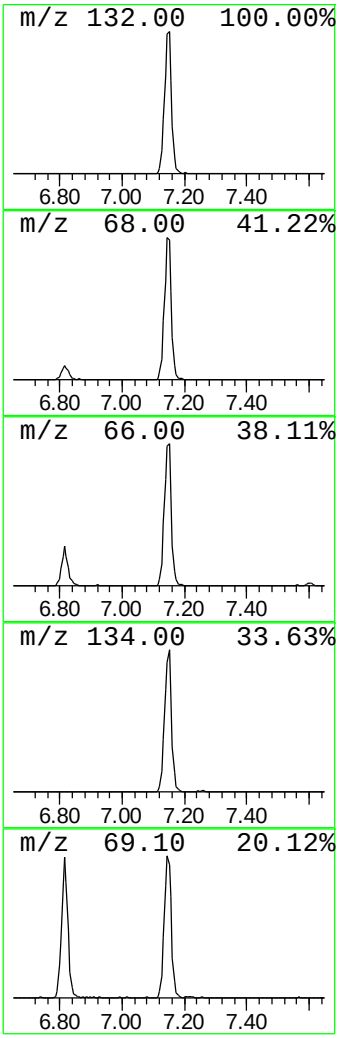
****

Peak Number 3 unknown7.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	98.12 ng	676382	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

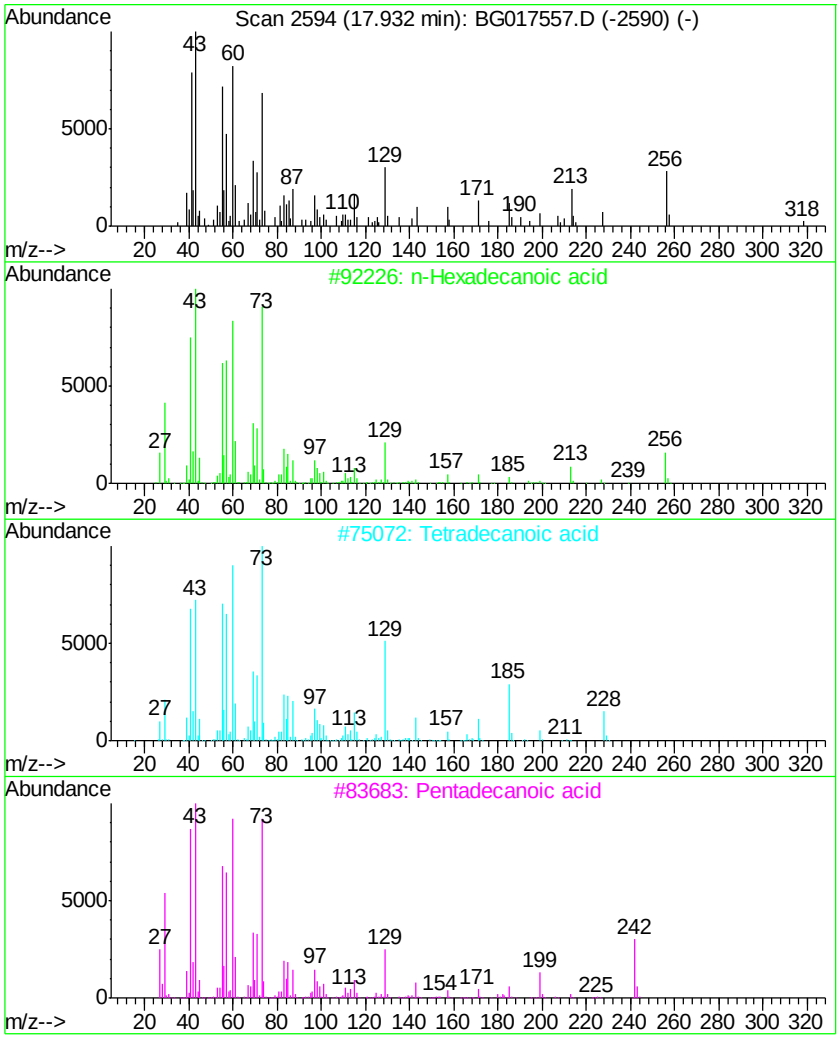
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

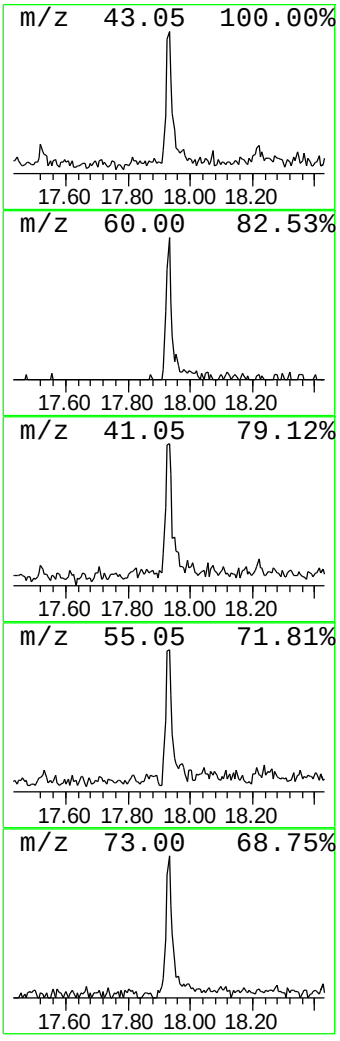
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	6.64 ng	116890	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
4	Undecanoic acid	186	C11H22O2	000112-37-8	43
5	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

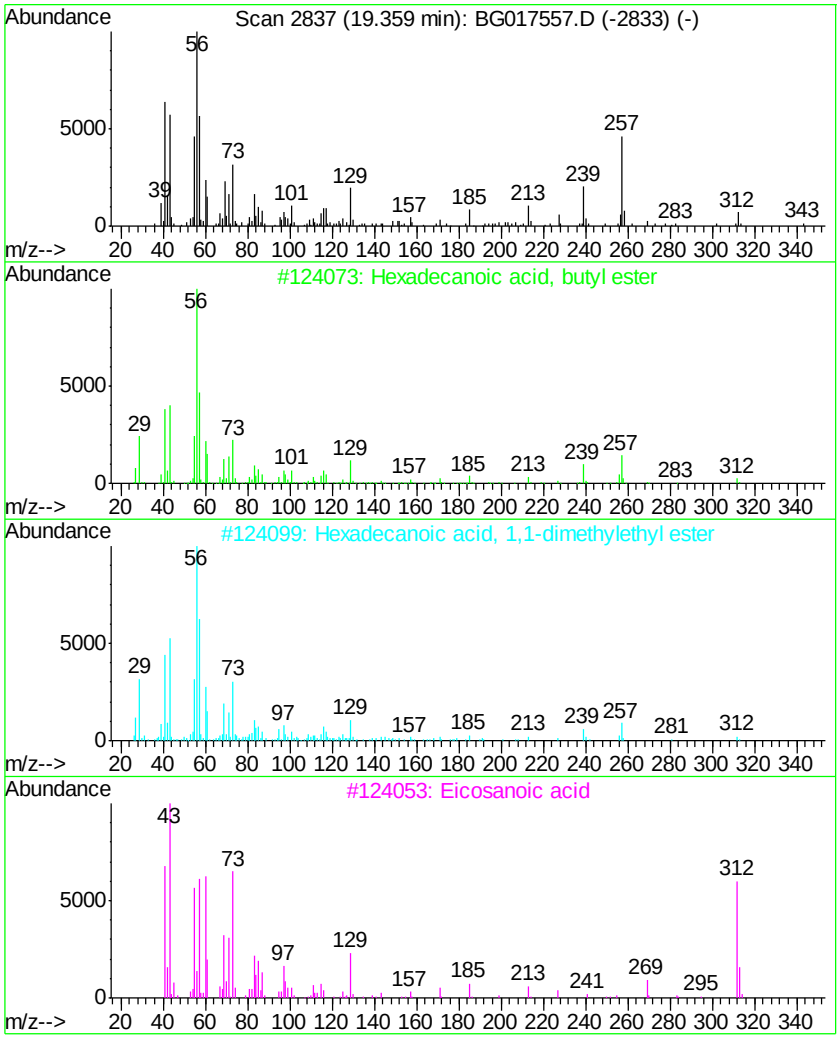
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

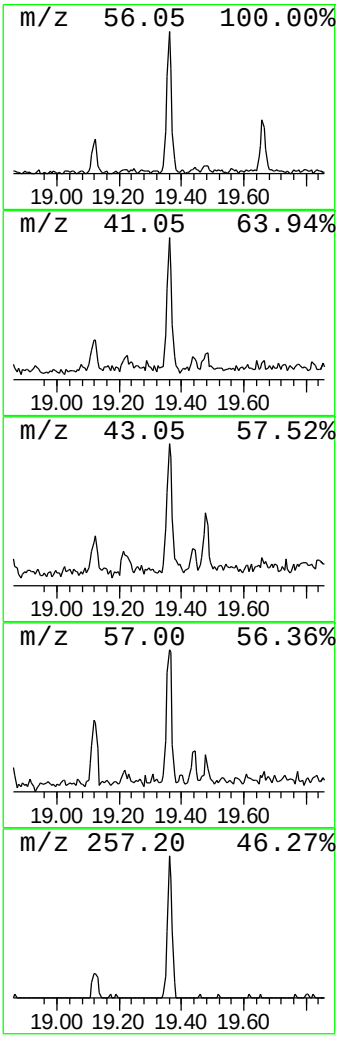
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	5.89 ng	135384	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	94
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	87
3	Eicosanoic acid	312	C20H40O2	000506-30-9	25
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	25
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

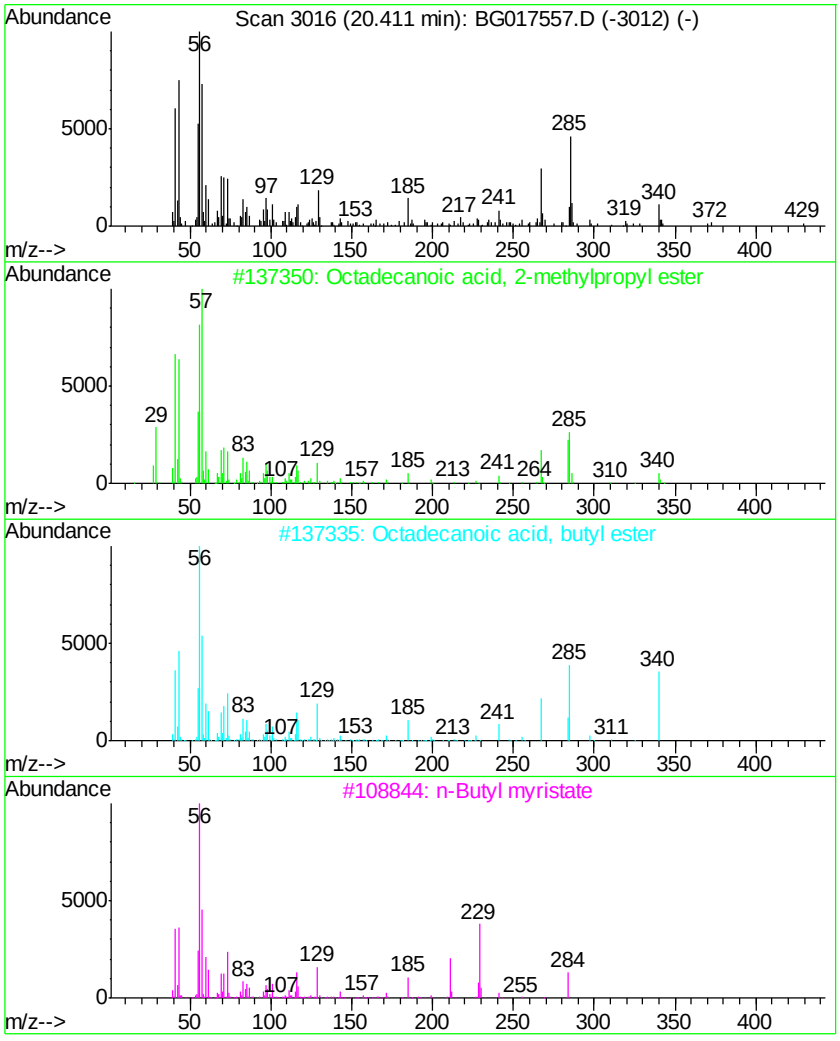
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

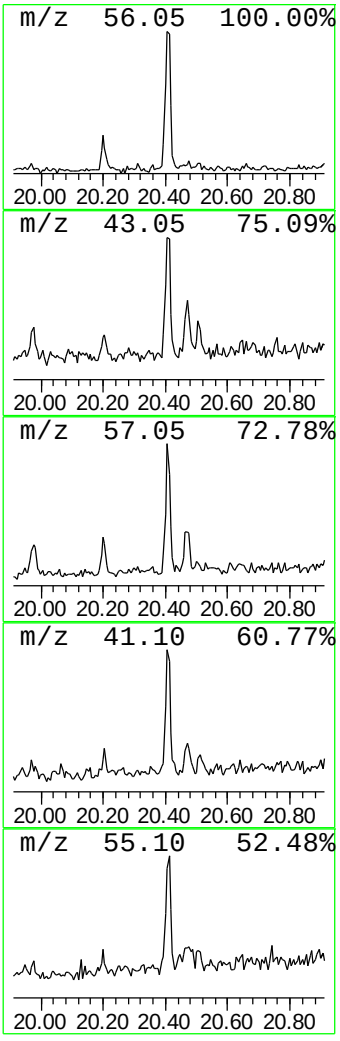
****

Peak Number 7 Octadecanoic acid, 2-methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	5.47 ng	125856	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	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	46
3	n-Butyl myristate	284	C18H36O2	000110-36-1	43
4	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	38
5	2-Methyl-1-octadecene	266	C19H38	061868-20-0	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

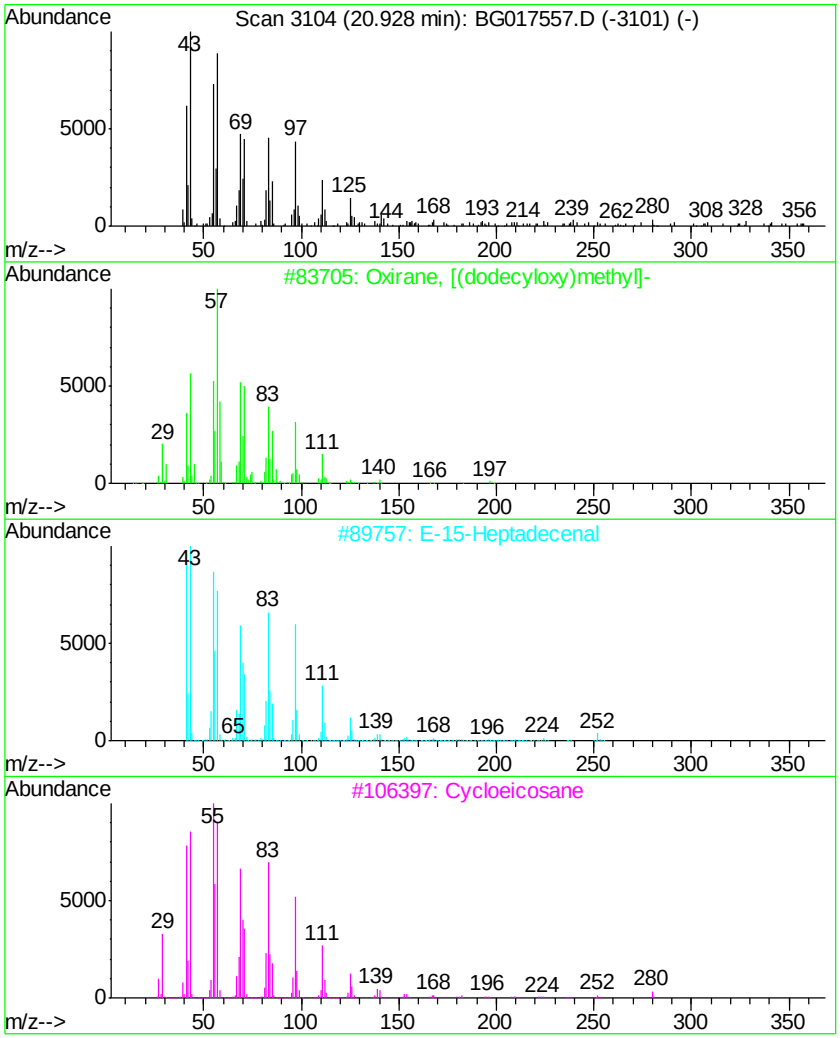
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

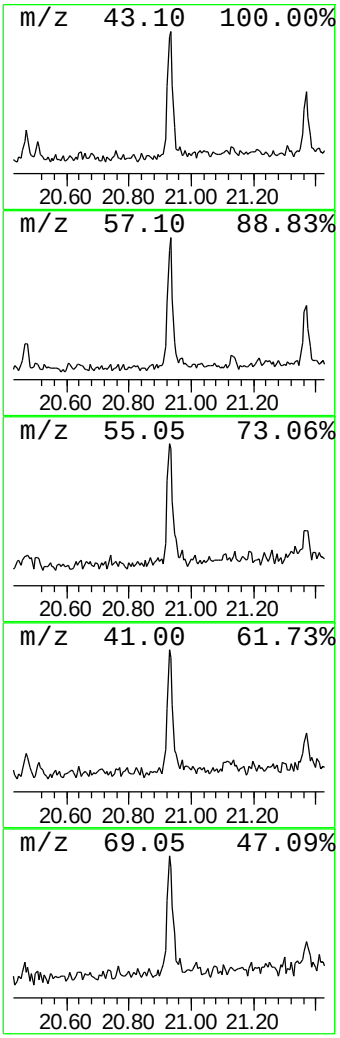
****

Peak Number 8 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	7.83 ng	180101	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	87
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	86
3	Cycloeicosane	280	C20H40	000296-56-0	86
4	1-Heptadecene	238	C17H34	006765-39-5	78
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

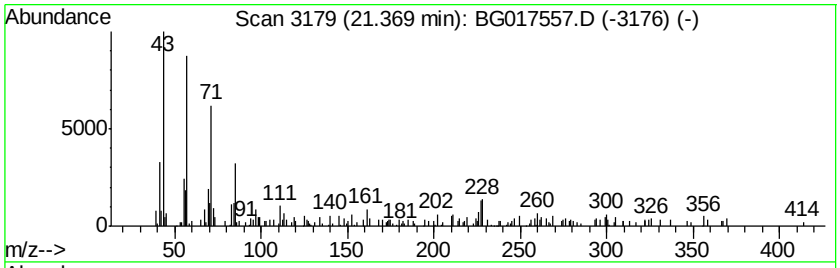
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

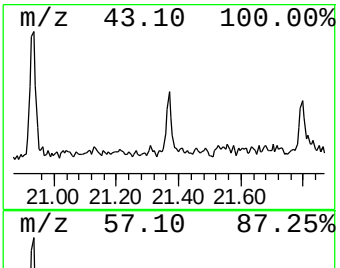
****

Peak Number 9 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.31 ng	53158	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	60
2	Hexacosane	366	C26H54	000630-01-3	53
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	47
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	47
5	Undecane	156	C11H24	001120-21-4	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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

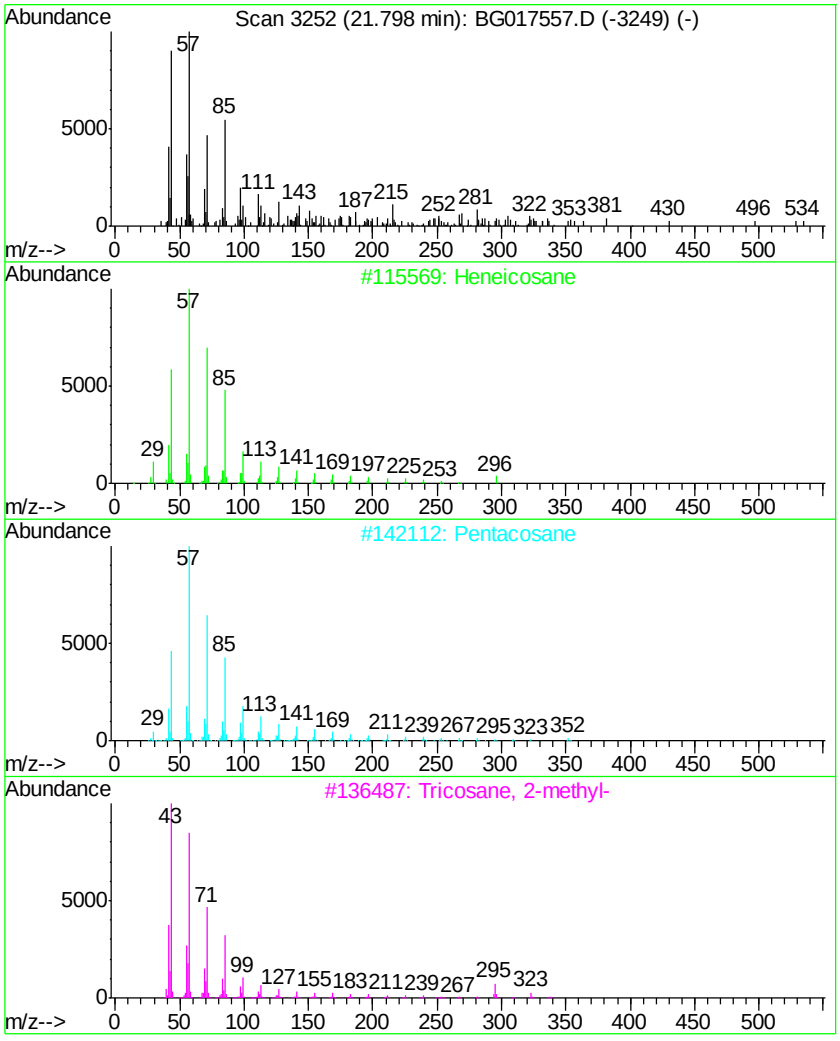
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

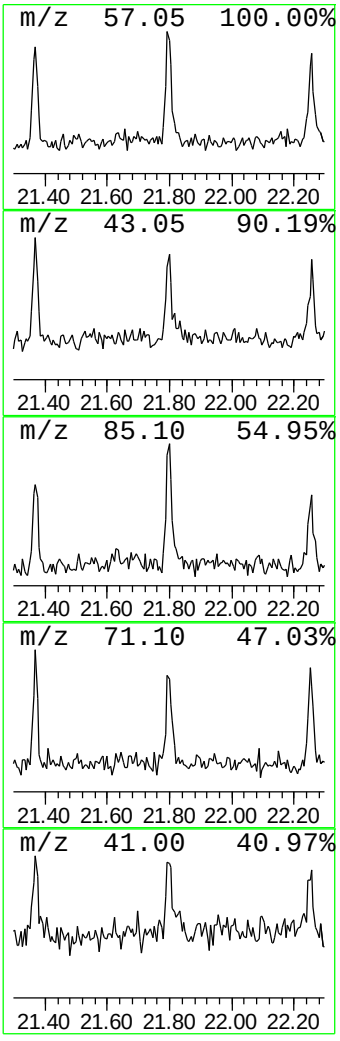
****

Peak Number 10 unknown21.80 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.80	2.26 ng	52091	Chrysene-d12	21.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	45
2	Pentacosane	352	C25H52	000629-99-2	43
3	Tricosane, 2-methyl-	338	C24H50	001928-30-9	43
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	41
5	Docosane	310	C22H46	000629-97-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060815\
Data File : BG017557.D
Acq On : 9 Jun 2015 3:43
Operator : TP/IZ
Sample : G2450-38
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : AVE-E-RA15.2(4)

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	9.3	ng	64420	1	7.60	137862	20.0
2-Pentanone, 4-hy...	4.71	4.6	ng	31626	1	7.60	137862	20.0
unknown7.15	7.15	98.1	ng	676382	1	7.60	137862	20.0
n-Hexadecanoic acid	17.93	6.6	ng	116890	4	17.02	352065	20.0
Hexadecanoic acid...	19.36	5.9	ng	135384	5	21.22	459989	20.0
Octadecanoic acid...	20.41	5.5	ng	125856	5	21.22	459989	20.0
Oxirane, [(dodecy...	20.93	7.8	ng	180101	5	21.22	459989	20.0
Hexadecane	21.37	2.3	ng	53158	5	21.22	459989	20.0
unknown21.80	21.80	2.3	ng	52091	5	21.22	459989	20.0