LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

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-BG042315.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	2.731	3	7	12	rVV	82505	102441	4.20%	0.551%
2	2.778	12	15	22	rVB	19919	24433	1.00%	0.131%
3	4.687	333	340	348	rBV	144146	205833	8.44%	1.106%
4	5.175	417	423	438	rBV	965822	1354343	55.52%	7.280%
5	6.785	690	697	710	rBV	1002107	1480774	60.70%	7.959%
6	7.120	747	754	766	rBV	1004872	1555642	63.77%	8.362%
7	7.578	826	832	840	rVB	231973	351353	14.40%	1.889%
8	7.901	879	887	897	rBV	717082	1142675	46.84%	6.142%
9	8.741	1023	1030	1040	rBV	547801	885145	36.28%	4.758%
10	10.363	1300	1306	1318	rVB	322741	541240	22.19%	2.909%
11	12.584	1678	1684	1690	rBV	15407	24548	1.01%	0.132%
12	12.854	1722	1730	1744	rBV	1443391	2078513	85.20%	11.172%
13	13.700	1868	1874	1883	rBV	67720	95310	3.91%	0.512%
14	14.235	1959	1965	1979	rVB2	479361	737858	30.25%	3.966%
15	15.598	2193	2197	2203	rBV	18251	26700	1.09%	0.144%
16	15.733	2213	2220	2228	rBV	925039	1330750	54.55%	7.153%
17	15.957	2253	2258	2266	rBV2	17561	31229	1.28%	0.168%
18	16.744	2388	2392	2398	rBV2	18467	28454	1.17%	0.153%
19	16.979	2426	2432	2445	rBV2	578109	819661	33.60%	4.406%
20	17.884	2581	2586	2596	rBV	141142	227026	9.31%	1.220%
21	19.047	2777	2784	2788	rBV5	22565	49136	2.01%	0.264%
22	19.170	2801	2805	2812	rBV3	48611	88545	3.63%	0.476%
23	19.317	2825	2830	2839	rVV	248439	300854	12.33%	1.617%
24	19.394	2840	2843	2847	rVV2	17855	28273	1.16%	0.152%
25	19.435	2847	2850	2855	rVB	50707	60426	2.48%	0.325%
26	19.617	2875	2881	2891	rBV	1926318	2439533	100.00%	13.113%
27	20.363	3004	3008	3013	rVB	187951	215067	8.82%	1.156%
28	20.422	3014	3018	3022	rVV2	45602	56268	2.31%	0.302%
29	20.457	3022	3024	3028	rVB4	27301	30131	1.24%	0.162%
30	20.880	3092	3096	3105	rBV	174658	243621	9.99%	1.309%
31	21.168	3140	3145	3150	rBV	711737	863021	35.38%	4.639%
32	21.315	3167	3170	3175	rBV	59934	73539	3.01%	0.395%
33	21.744	3240	3243	3249	rBV	50251	59849	2.45%	0.322%
34	22.196	3316	3320	3325	rBV2	43877	68684	2.82%	0.369%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

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-BG042315.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.320	3337	3341	3345	rVB	111842	144907	5.94%	0.779%
36	23.371	3514	3520	3527	rVB2	471597	838565	34.37%	4.507%

Sum of corrected areas: 18604347

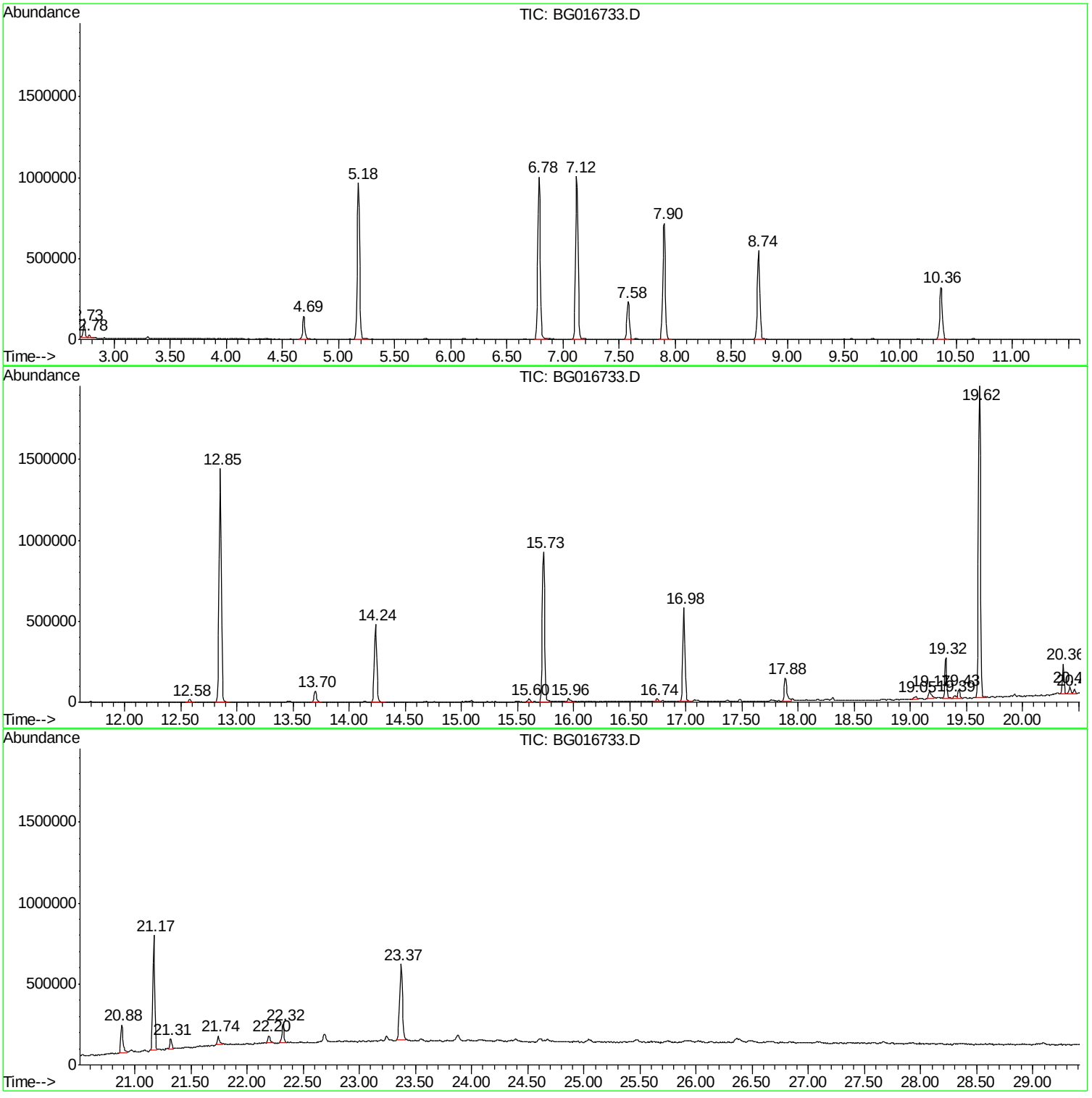
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

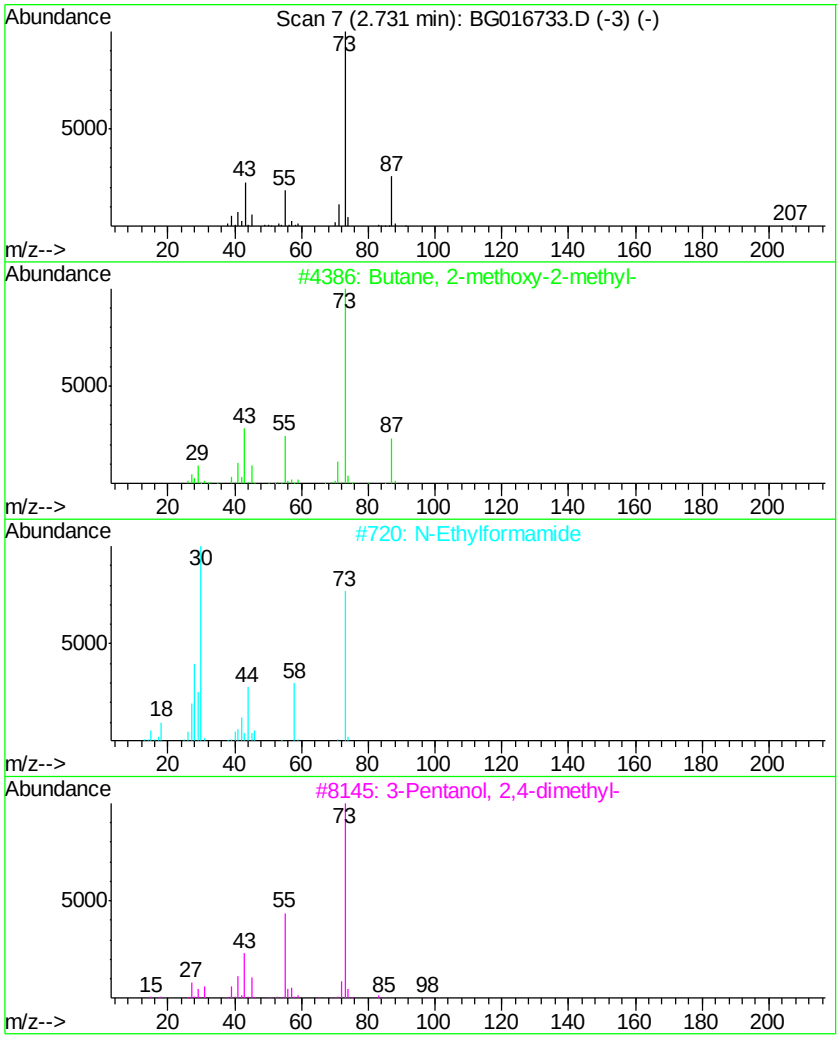
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

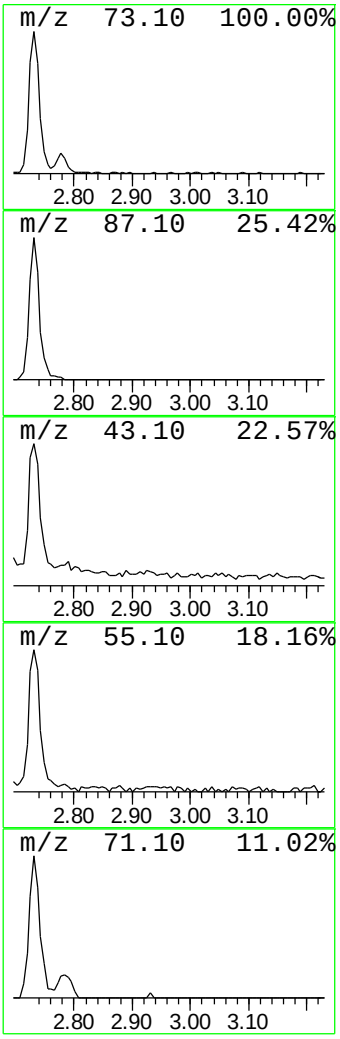
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	5.83 ng	102441	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

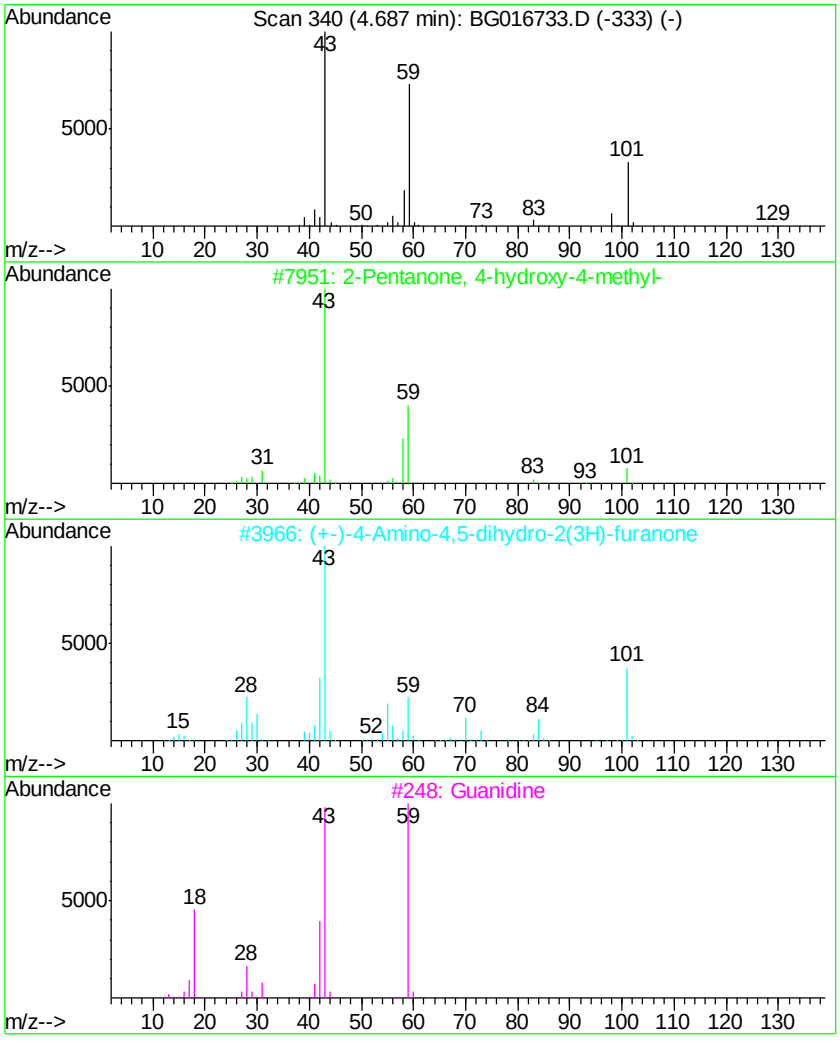
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

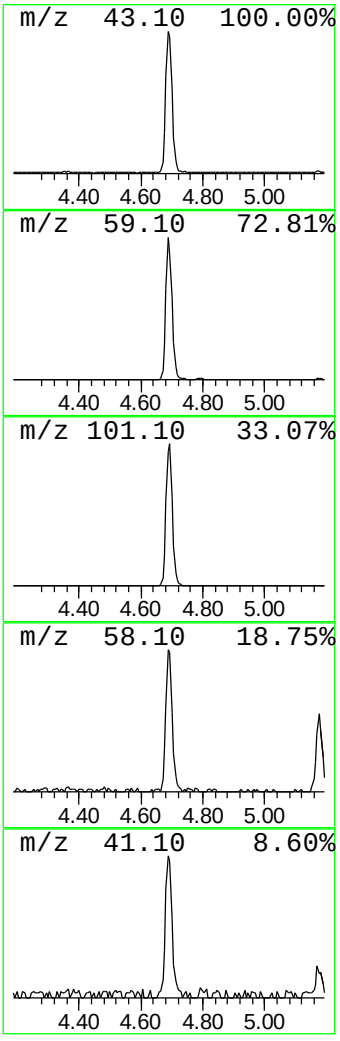
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.69	11.72 ng	205833	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Guanidine	59	CH5N3	000113-00-8	43
4	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

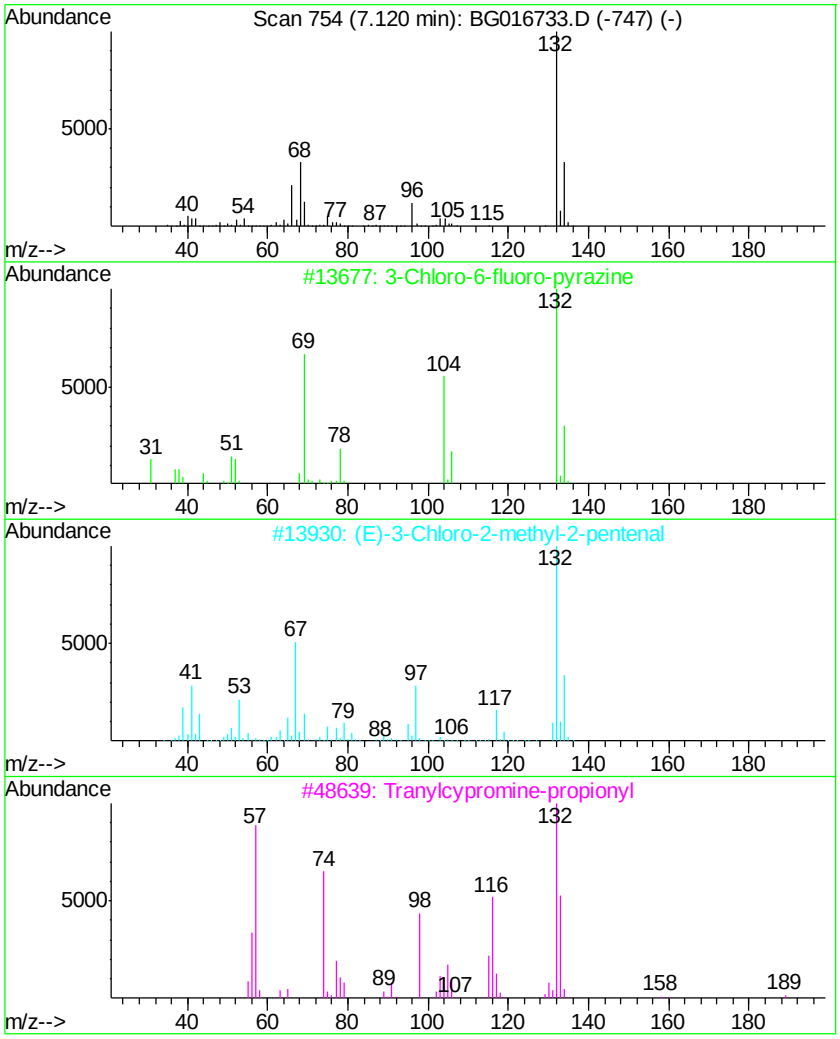
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

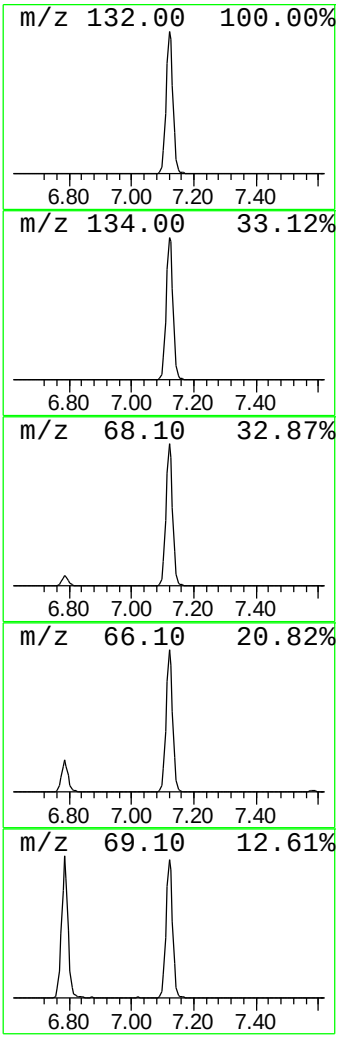
****

Peak Number 3 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	88.55 ng	1555640	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

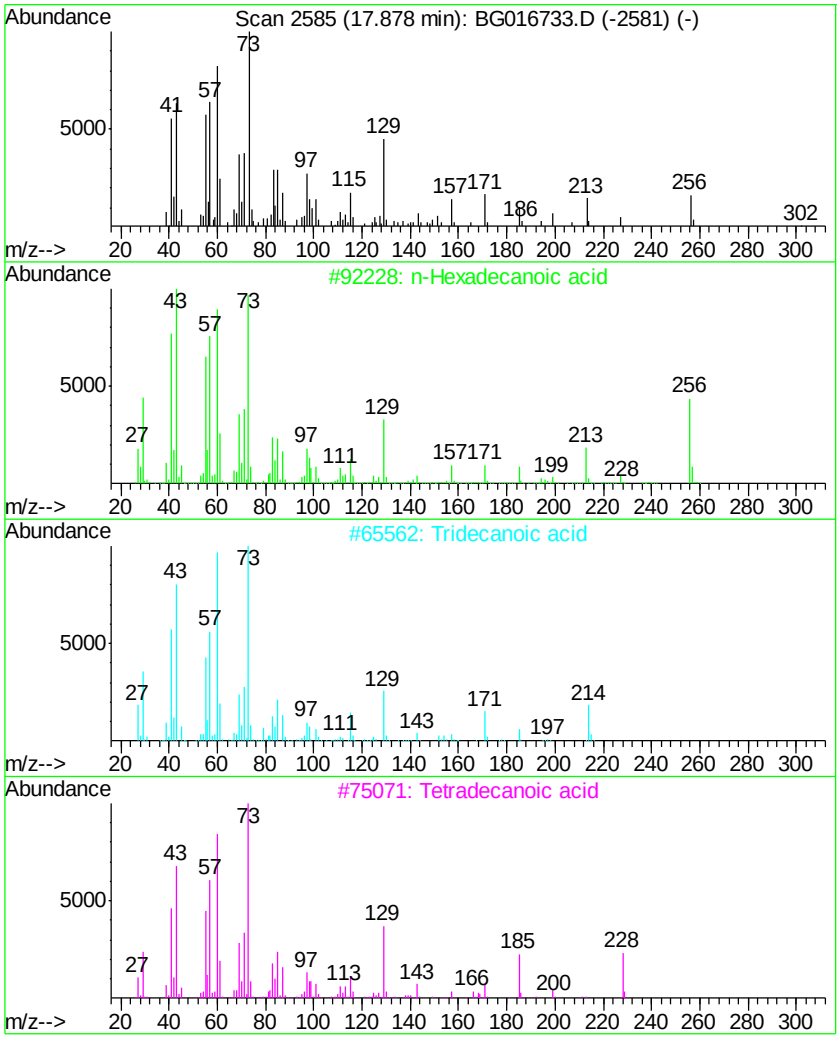
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

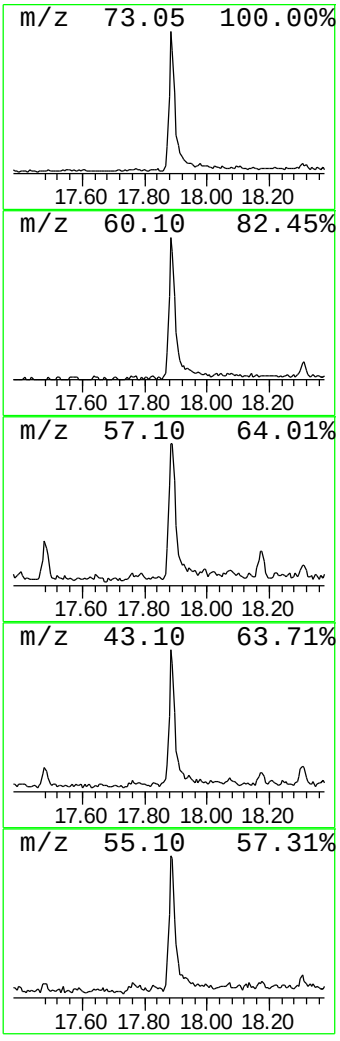
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	5.54 ng	227026	Phenanthrene-d10	16.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

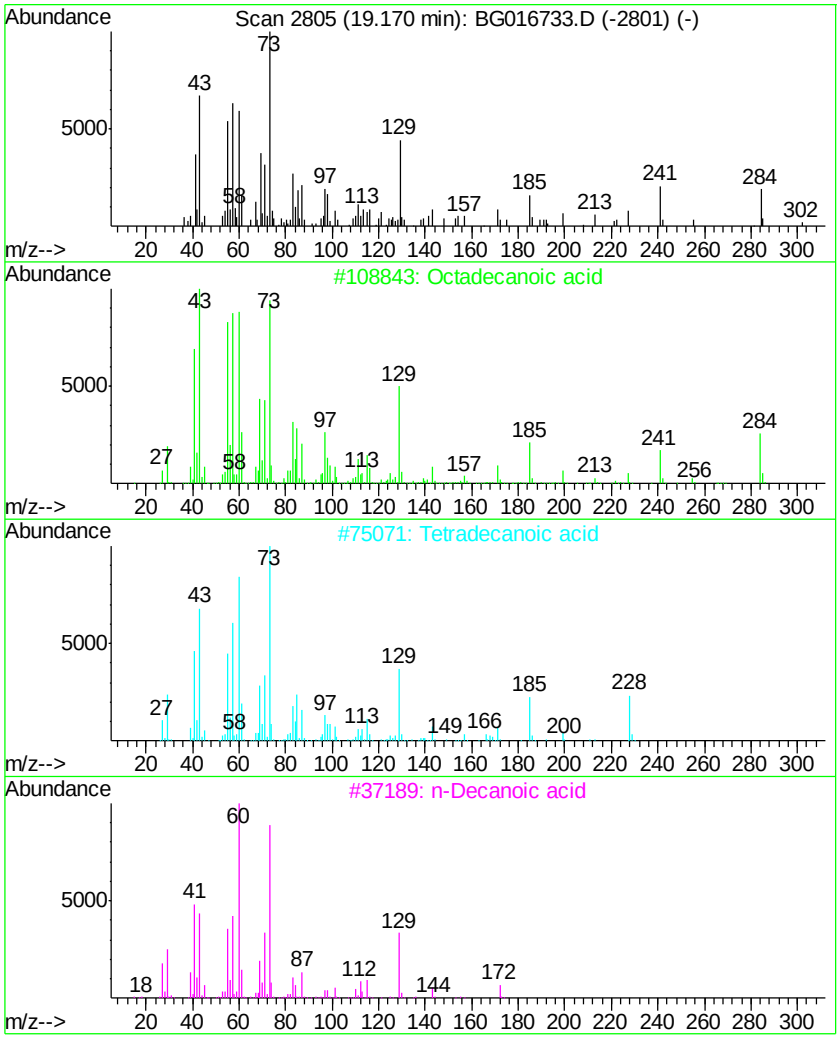
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

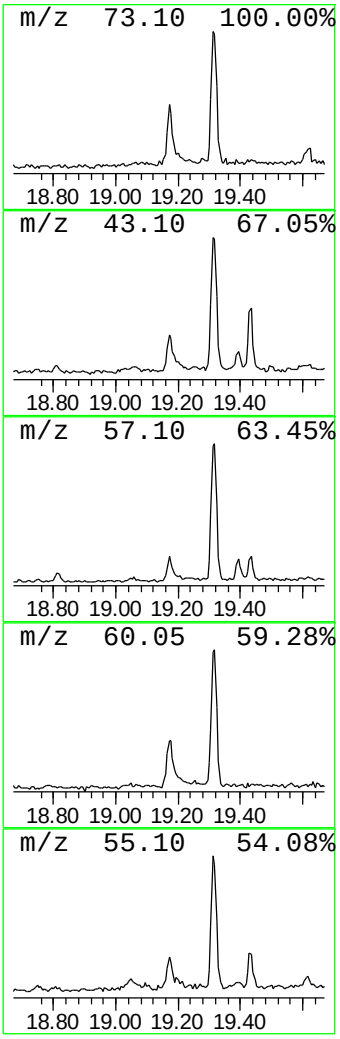
****

Peak Number 6 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.05 ng	88545	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	n-Decanoic acid	172	C10H20O2	000334-48-5	50
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
5	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

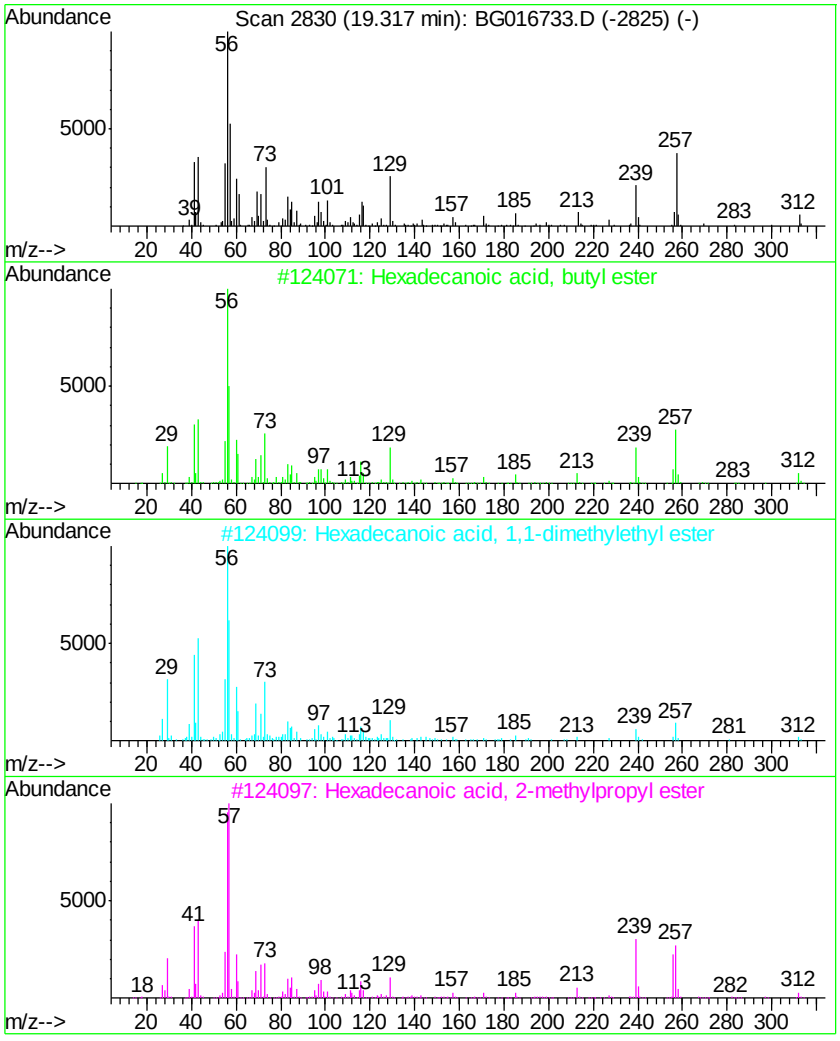
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

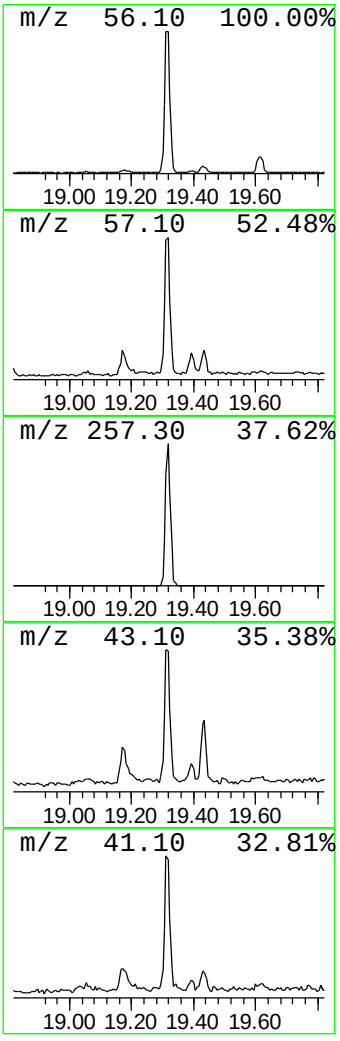
****

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	6.97 ng	300854	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	99
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	76
4	Nipecotic acid	129	C6H11NO2	000498-95-3	43
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

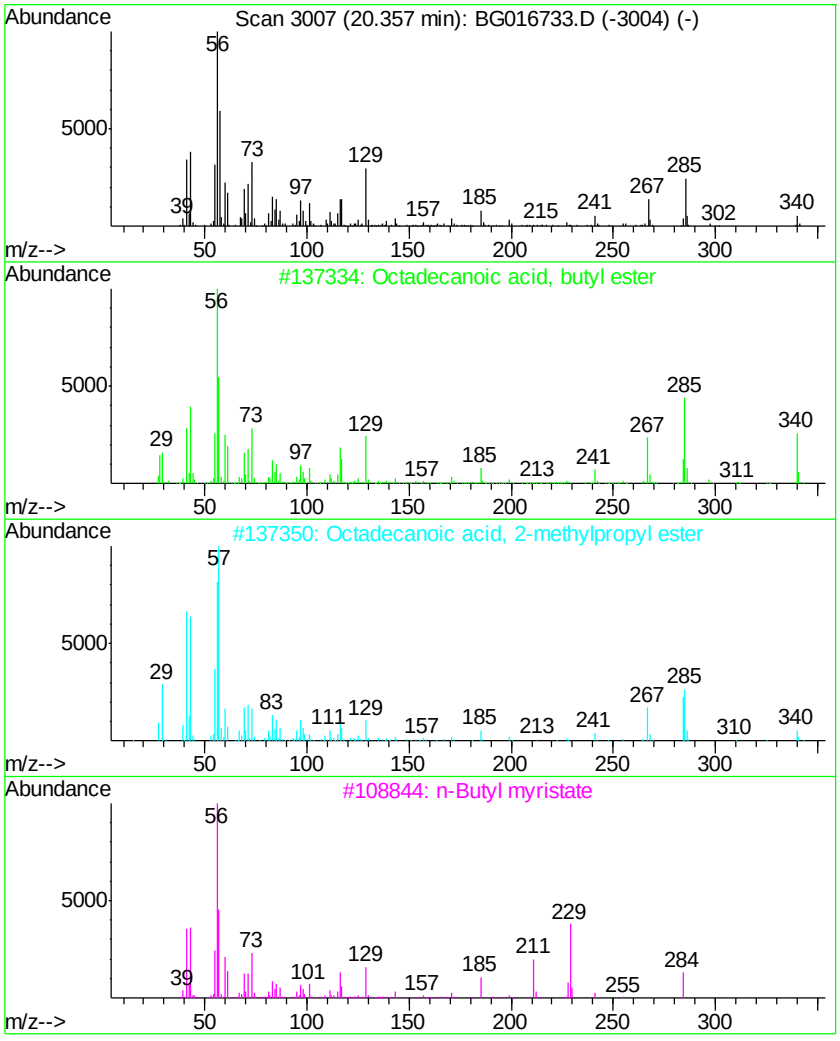
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

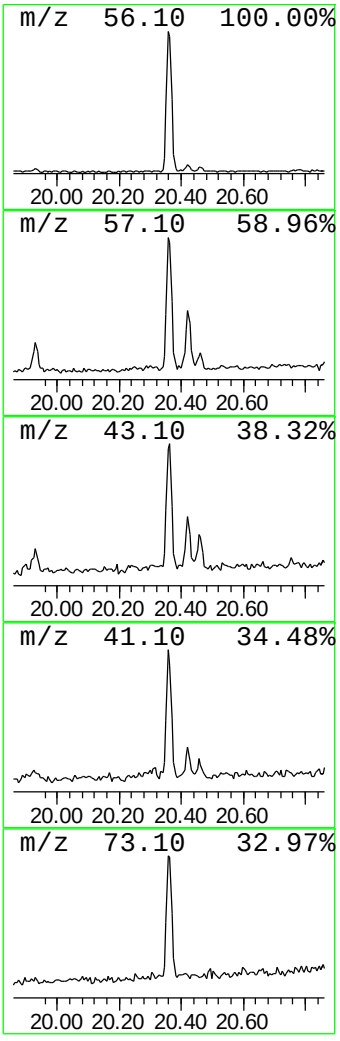
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.36	4.98 ng	215067	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	93
3	n-Butyl myristate	284	C18H36O2	000110-36-1	58
4	Nipecotic acid	129	C6H11NO2	000498-95-3	47
5	Propan-2-one O-(2-chloro-1-methy...	149	C6H12ClNO	1000186-05-6	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

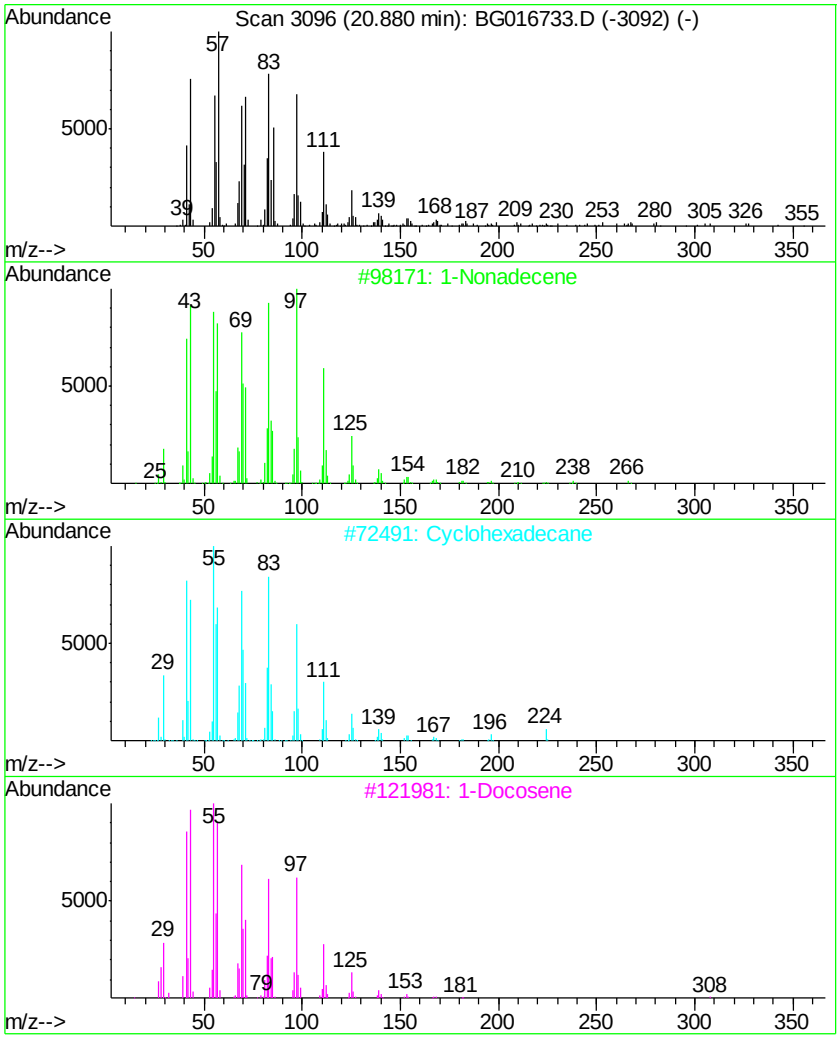
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

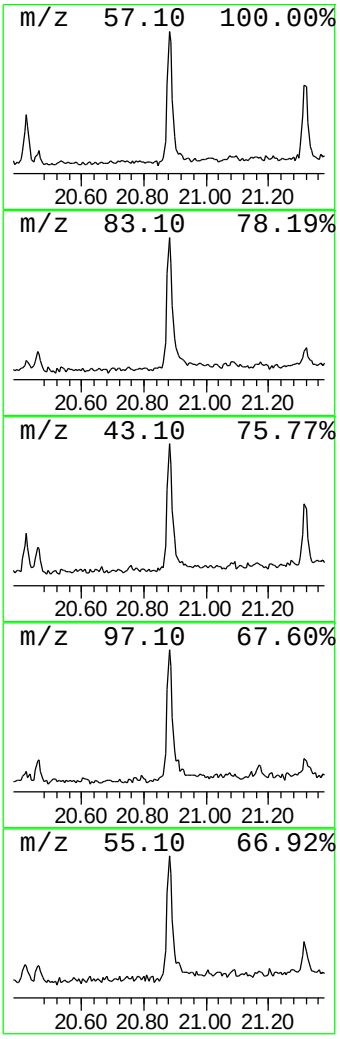
****

Peak Number 9 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	5.65 ng	243621	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	1-Docosene	308	C22H44	001599-67-3	93
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042715\
Data File : BG016733.D
Acq On : 27 Apr 2015 13:09
Operator : TP/IZ
Sample : G1949-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-07

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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...	2.73	5.8	ng	102441	1	7.58	351353	20.0
2-Pentanone, 4-hy...	4.69	11.7	ng	205833	1	7.58	351353	20.0
unknown7.12	7.12	88.5	ng	1555640	1	7.58	351353	20.0
n-Hexadecanoic acid	17.88	5.5	ng	227026	4	16.98	819661	20.0
Octadecanoic acid	19.17	2.0	ng	88545	5	21.17	863021	20.0
Hexadecanoic acid...	19.32	7.0	ng	300854	5	21.17	863021	20.0
Octadecanoic acid...	20.36	5.0	ng	215067	5	21.17	863021	20.0
1-Nonadecene	20.88	5.7	ng	243621	5	21.17	863021	20.0