LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

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-BG041316.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	3.099	38	44	69	rVB	1970182	2905880	100.00%	18.313%
2	5.290	411	417	425	rBV	50342	78657	2.71%	0.496%
3	5.766	490	498	507	rBV	488452	816411	28.10%	5.145%
4	7.370	760	771	780	rBV	553321	976469	33.60%	6.154%
5	7.746	827	835	844	rBV	523150	913671	31.44%	5.758%
6	8.210	903	914	921	rBV	104102	184095	6.34%	1.160%
7	8.539	961	970	977	rBV	372175	668806	23.02%	4.215%
8	9.380	1105	1113	1125	rBV	341152	617396	21.25%	3.891%
9	11.031	1388	1394	1401	rVB	171068	308142	10.60%	1.942%
10	13.451	1798	1806	1814	rVB	1028907	1588942	54.68%	10.013%
11	13.628	1831	1836	1845	rBV2	23194	34490	1.19%	0.217%
12	14.262	1938	1944	1951	rBV	126750	208209	7.17%	1.312%
13	14.691	2012	2017	2026	rVB	43498	58481	2.01%	0.369%
14	14.820	2032	2039	2047	rVB2	287542	474250	16.32%	2.989%
15	15.637	2173	2178	2183	rVB	58395	76243	2.62%	0.480%
16	16.036	2238	2246	2251	rBV2	18825	38363	1.32%	0.242%
17	16.301	2285	2291	2301	rVB	676816	1038869	35.75%	6.547%
18	16.495	2319	2324	2327	rBV	56364	82918	2.85%	0.523%
19	17.282	2454	2458	2464	rBV	40333	52523	1.81%	0.331%
20	17.558	2497	2505	2510	rBV	340673	528141	18.17%	3.328%
21	19.820	2885	2890	2896	rBV	171001	194772	6.70%	1.227%
22	19.897	2899	2903	2906	rVV	35005	43860	1.51%	0.276%
23	19.932	2906	2909	2919	rVB2	51729	87946	3.03%	0.554%
24	20.143	2938	2945	2953	rBV	1548506	2076128	71.45%	13.084%
25	20.425	2990	2993	2998	rVB2	43234	48742	1.68%	0.307%
26	20.854	3062	3066	3072	rBV	126875	152938	5.26%	0.964%
27	20.919	3074	3077	3081	rVV	48149	59058	2.03%	0.372%
28	21.436	3161	3165	3174	rVB2	66372	97936	3.37%	0.617%
29	21.830	3224	3232	3238	rBV	350848	646363	22.24%	4.073%
30	22.000	3256	3261	3267	rBV	47182	73031	2.51%	0.460%
31	22.629	3363	3368	3375	rVB2	33684	60060	2.07%	0.378%
32	23.346	3485	3490	3496	rVB	30655	60698	2.09%	0.383%
33	25.161	3790	3799	3809	rBV	213225	615755	21.19%	3.880%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

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-BG041316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

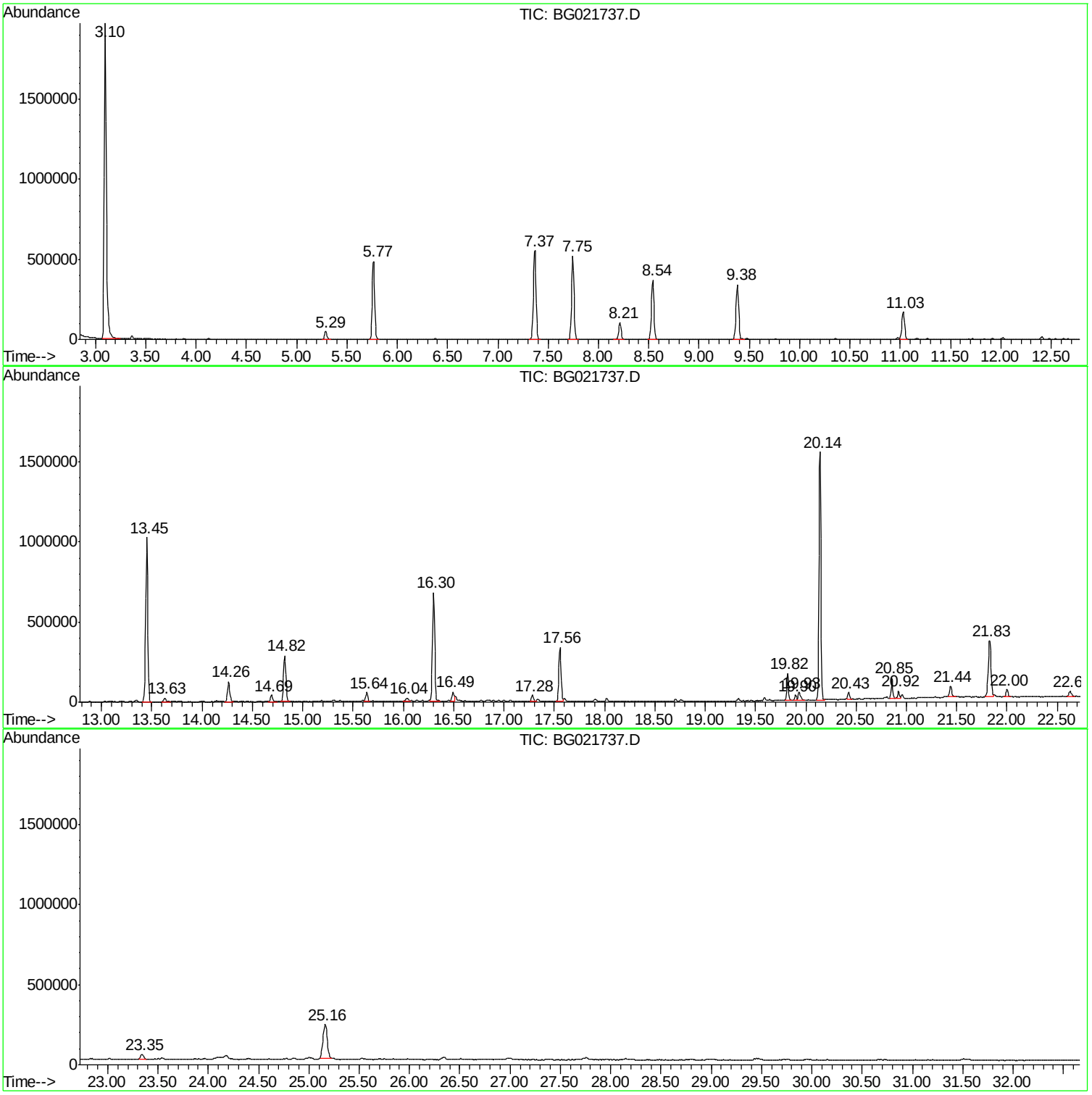
Sum of corrected areas: 15868243

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

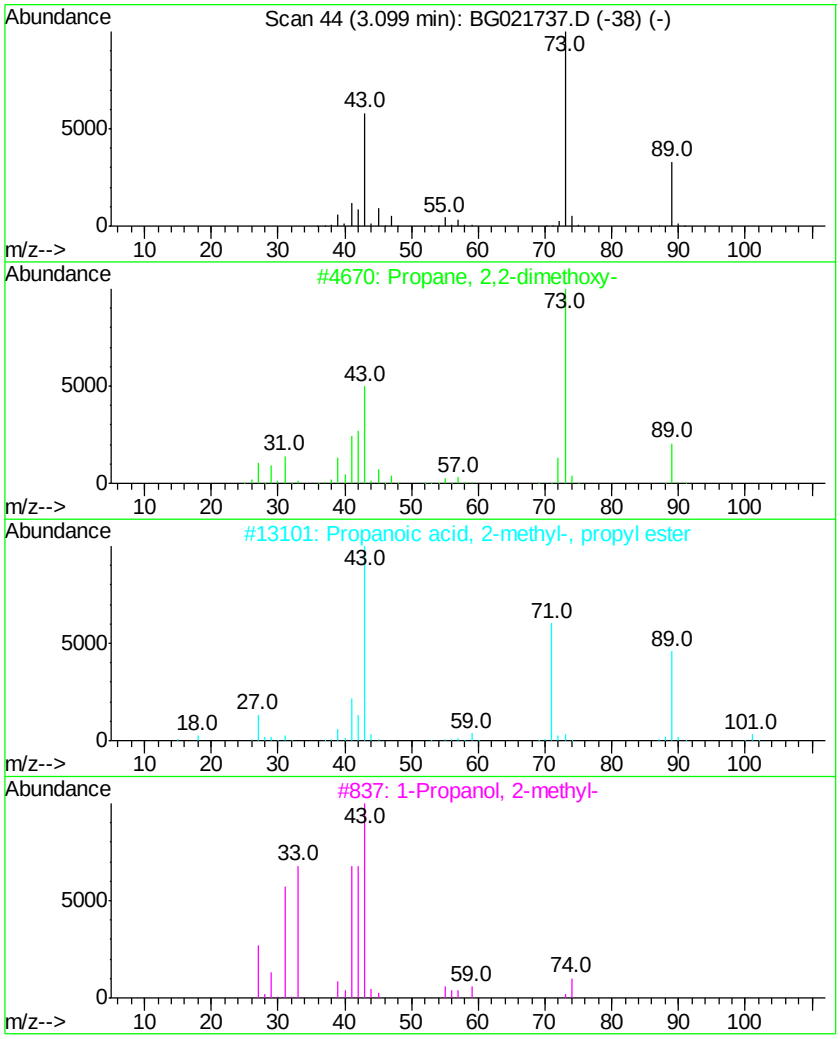
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

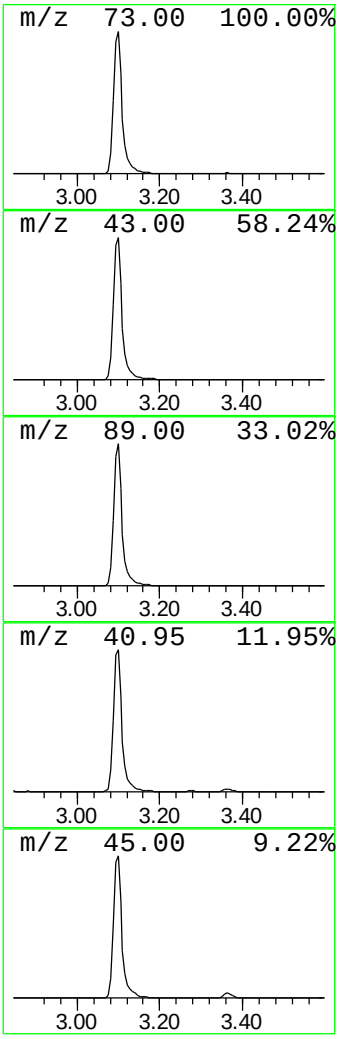
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	315.69 ng	2905880	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

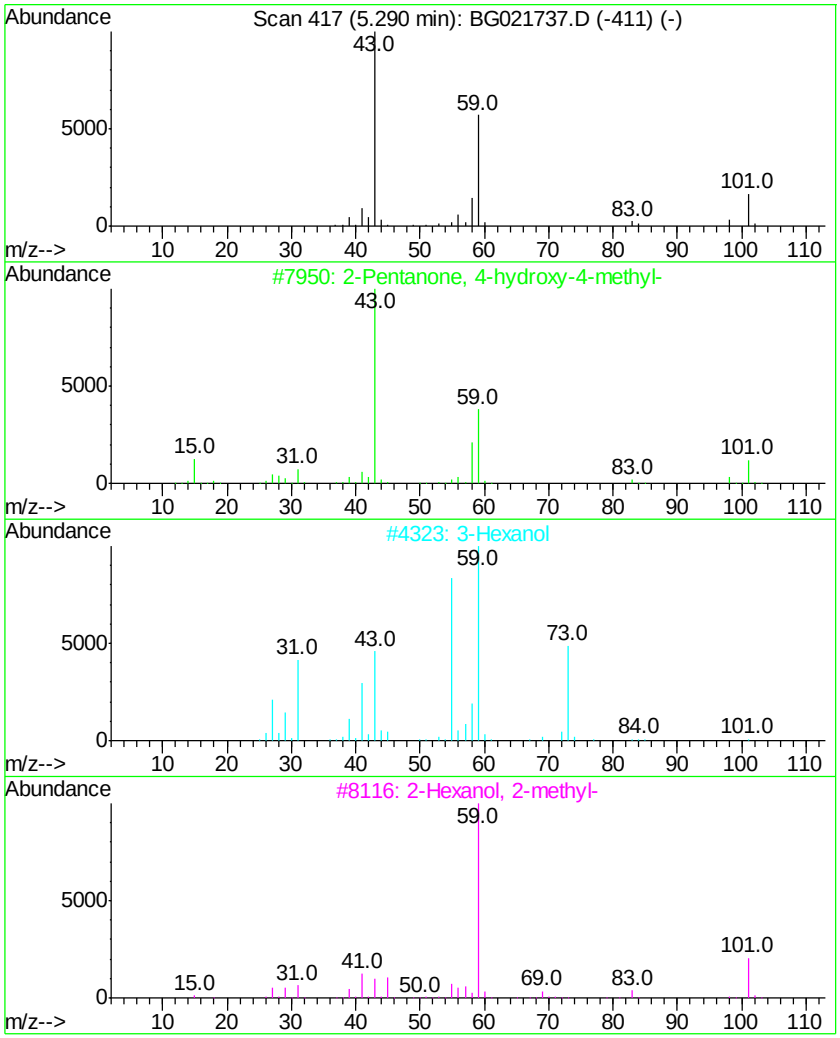
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

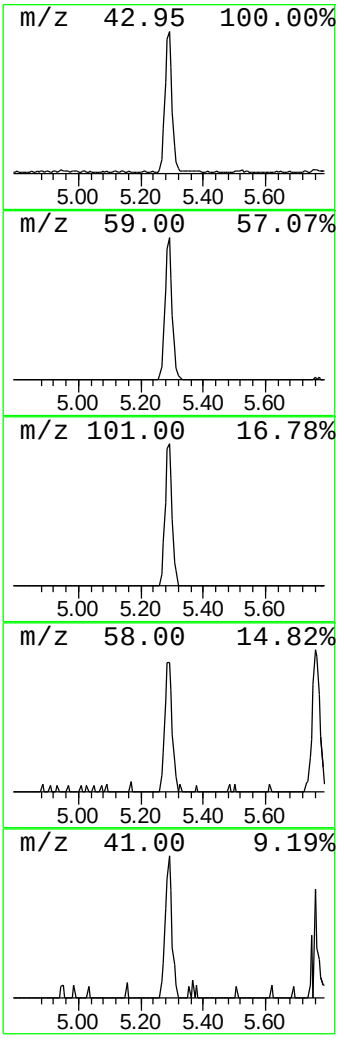
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	8.55 ng	78657	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

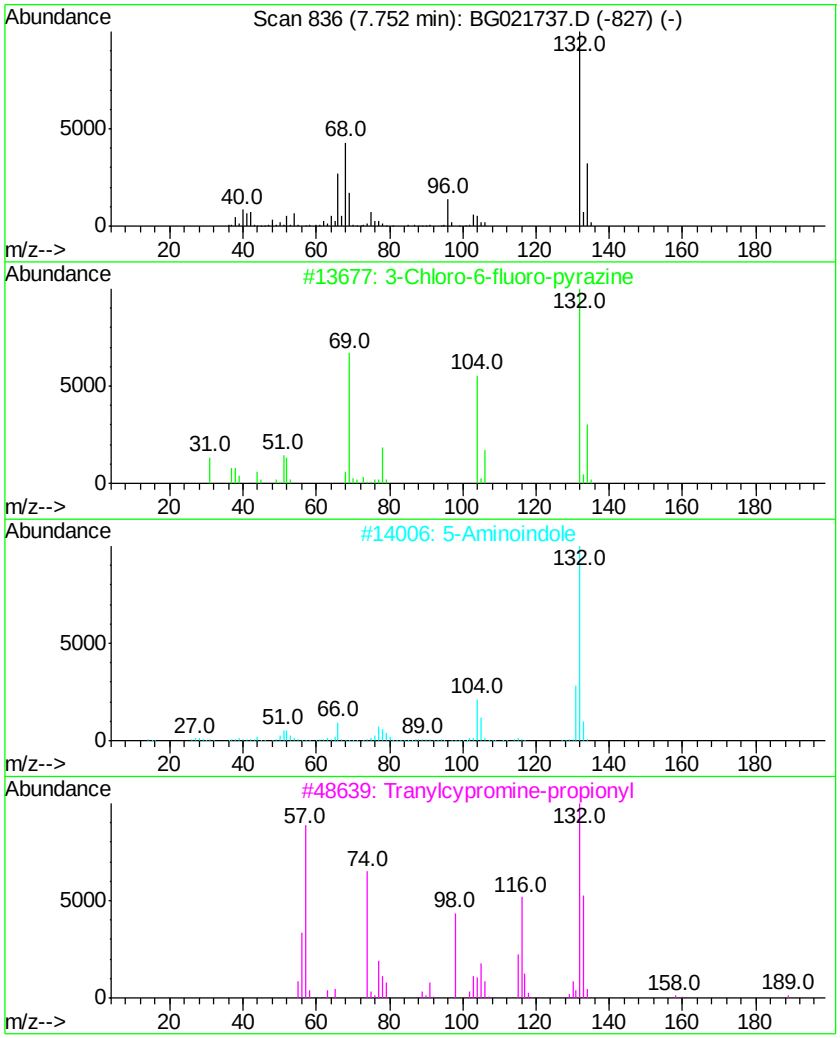
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

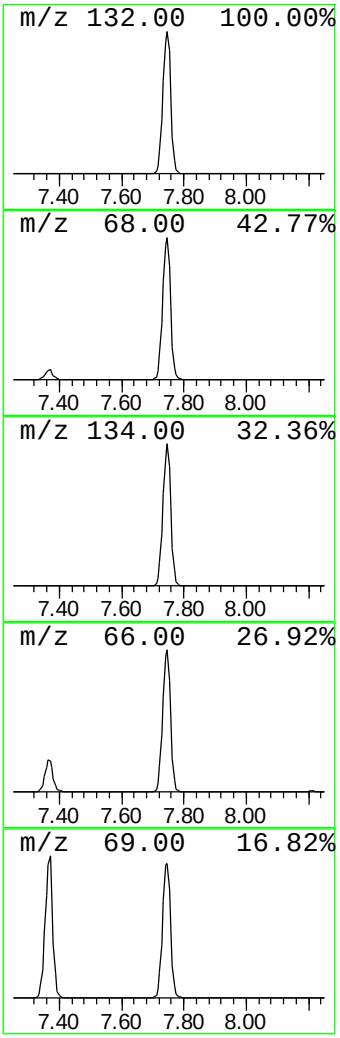
****

Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	99.26 ng	913671	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

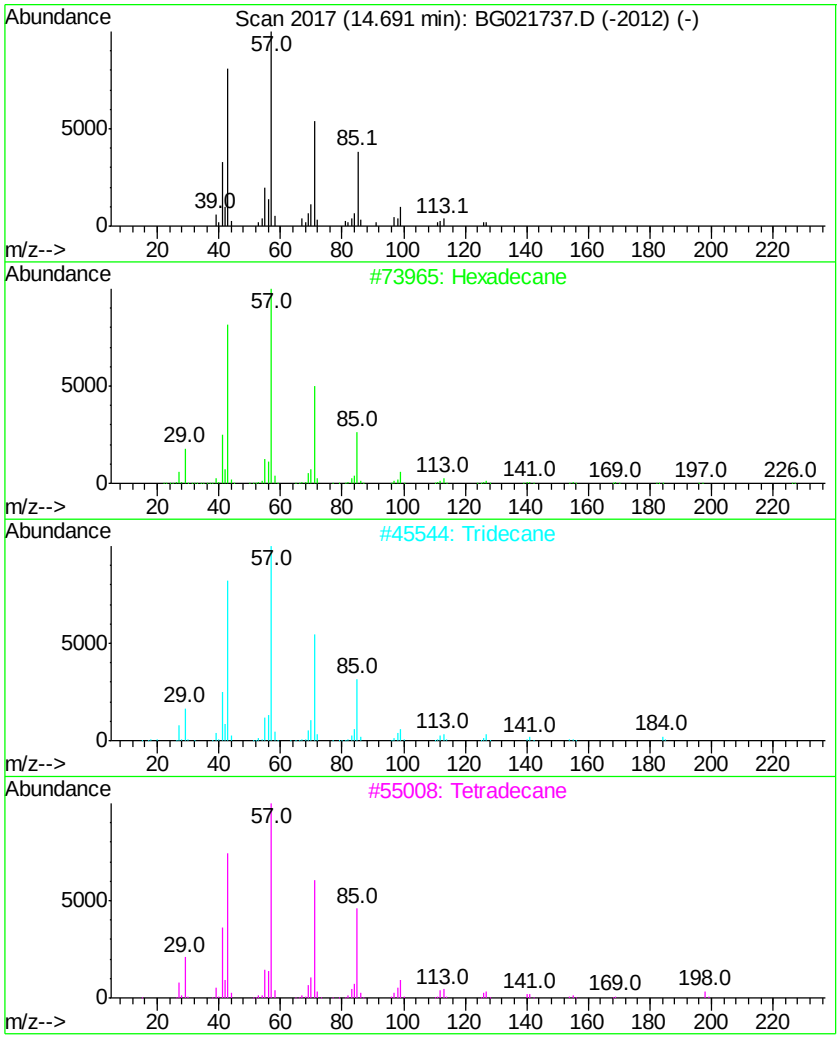
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

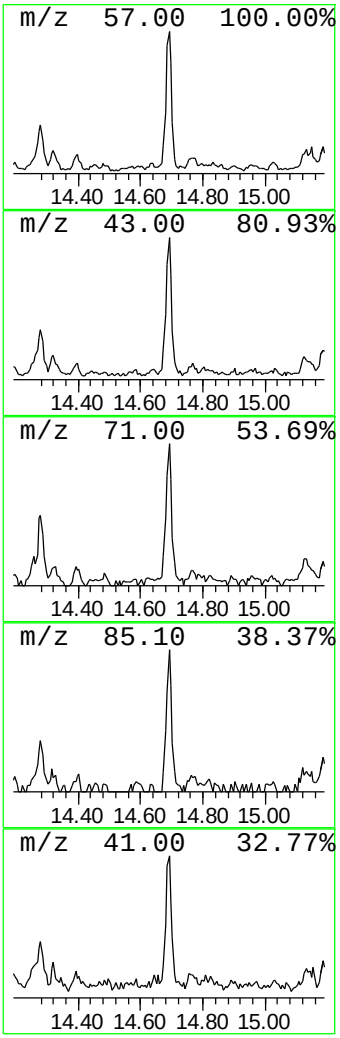
****

Peak Number 5 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	2.47 ng	58481	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Tetradecane	198	C14H30	000629-59-4	90
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	72
5	Pentadecane	212	C15H32	000629-62-9	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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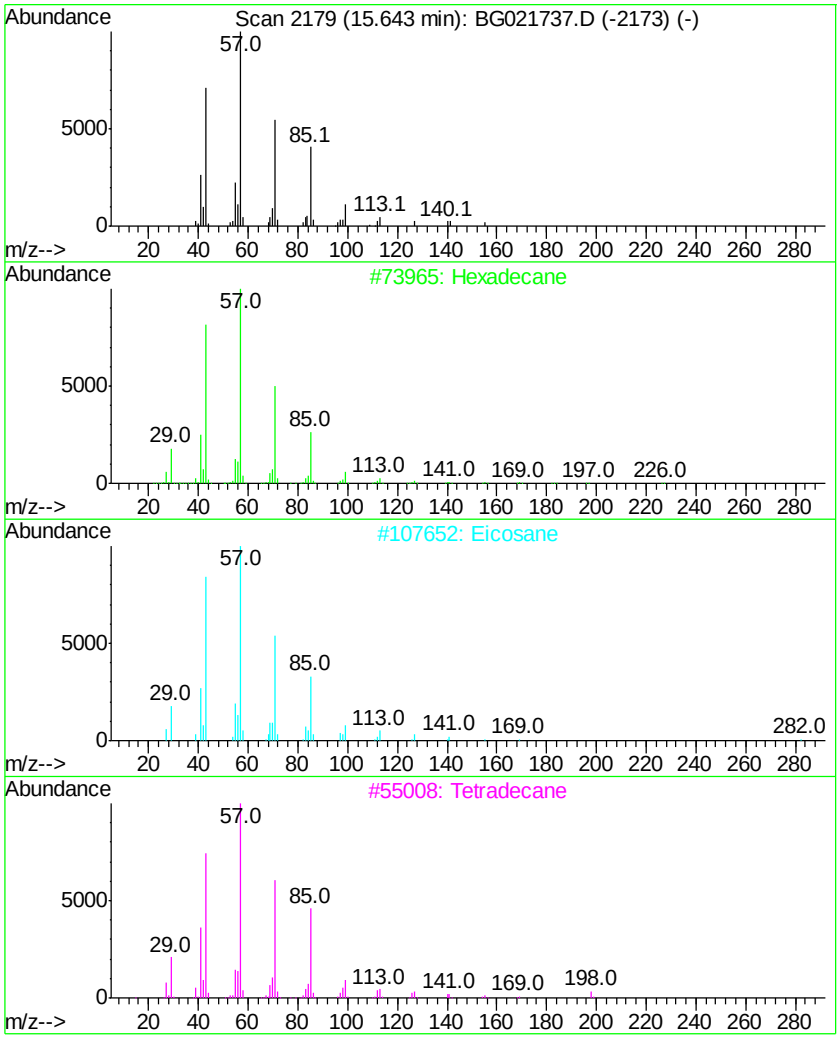
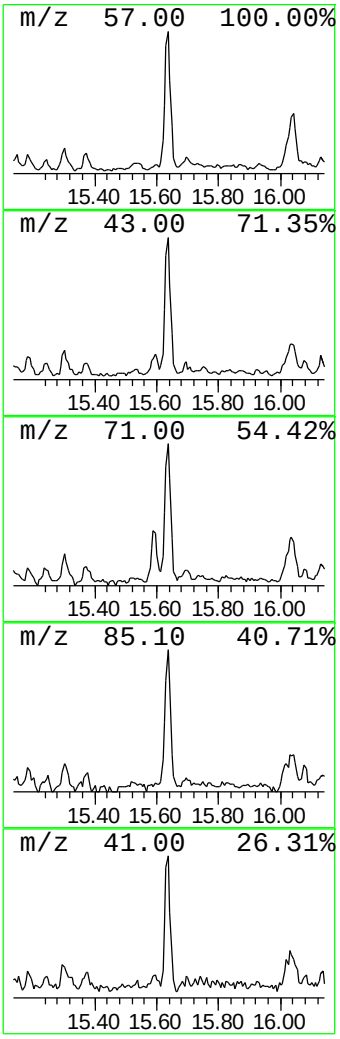
Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	3.22 ng	76243	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Tridecane	184	C13H28	000629-50-5	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

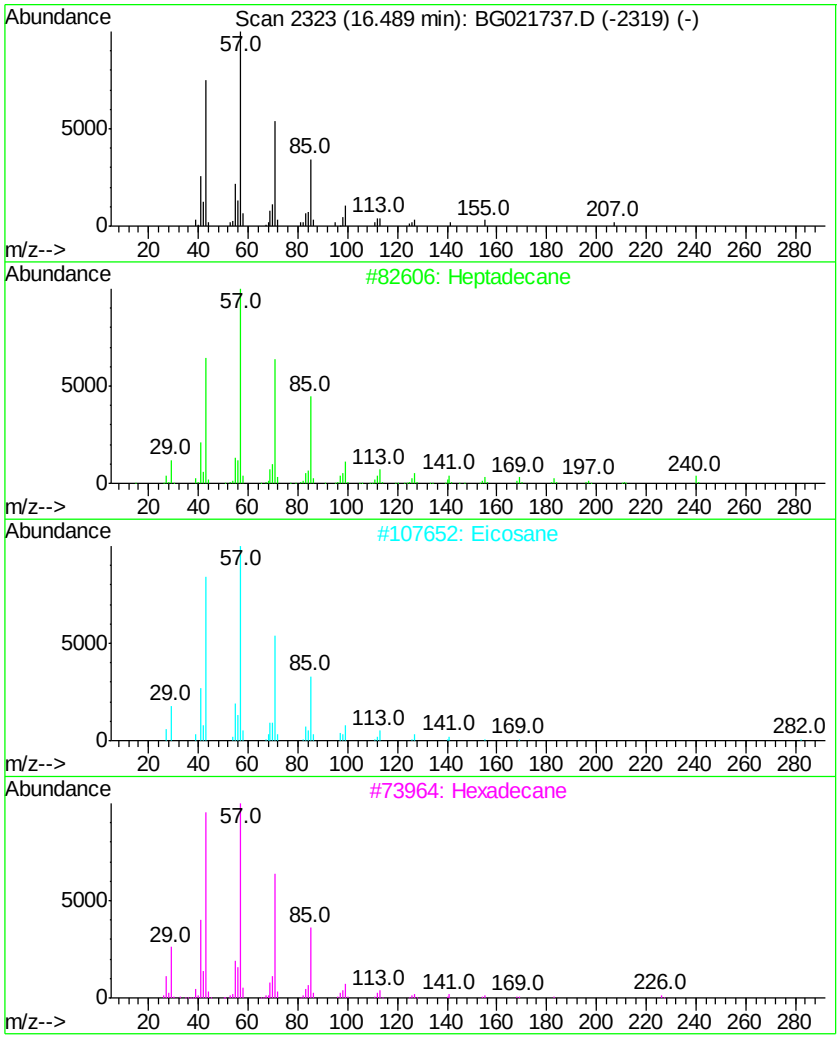
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

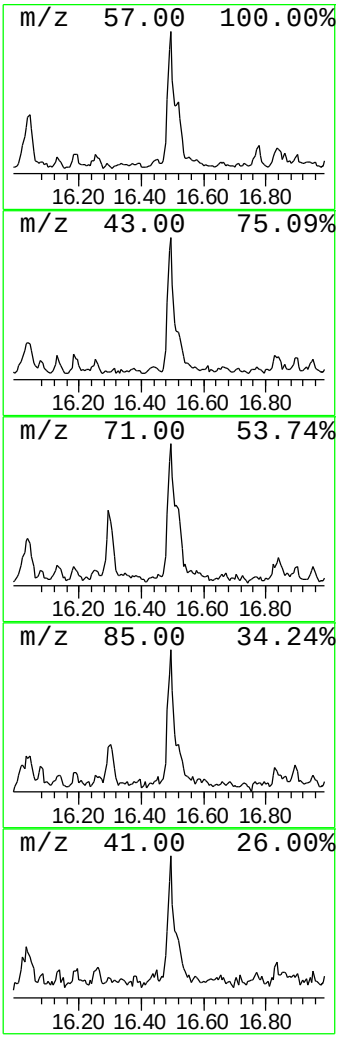
****

Peak Number 7 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	3.14 ng	82918	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Eicosane	282	C20H42	000112-95-8	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Pentadecane	212	C15H32	000629-62-9	90
5	Heptacosane	380	C27H56	000593-49-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

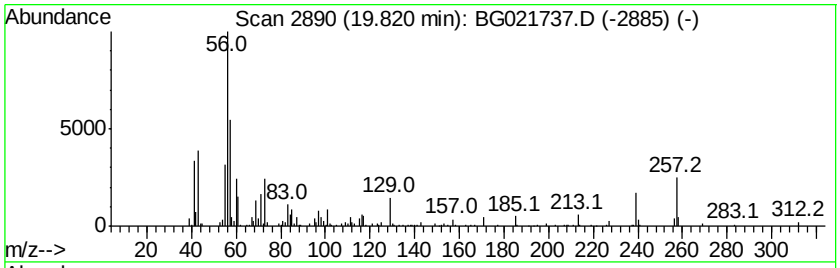
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

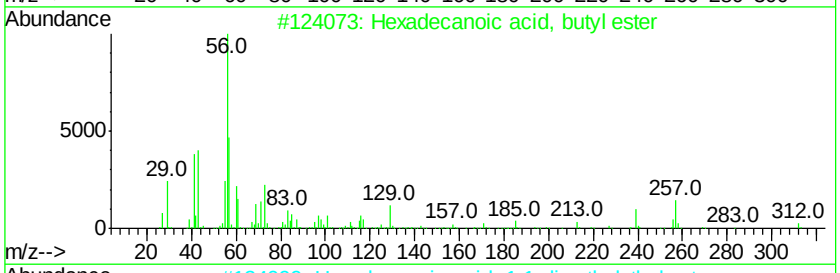
****

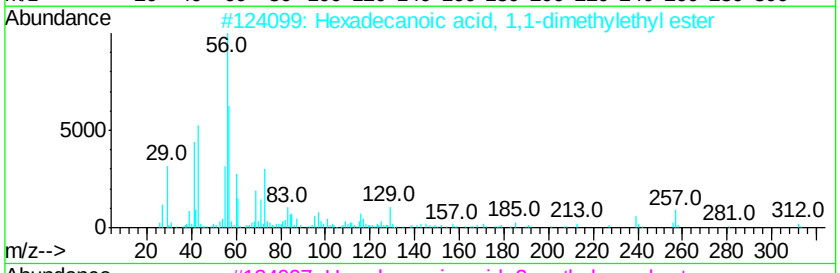
Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 5

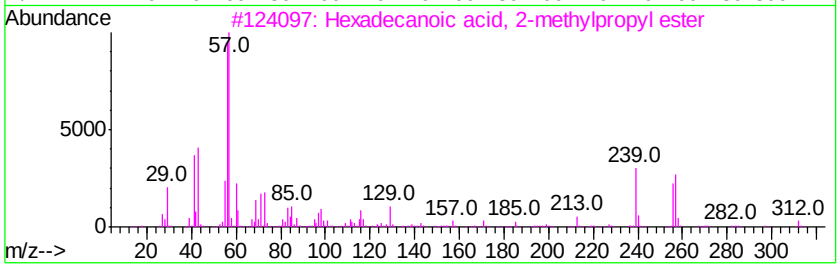
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.82	6.03 ng	194772	Chrysene-d12	21.83

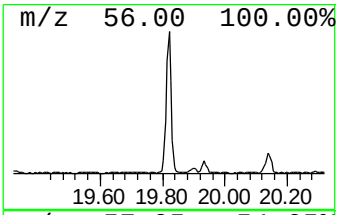
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	86
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	38
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30

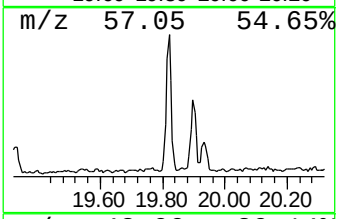


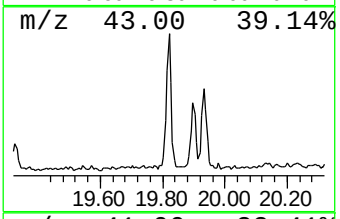


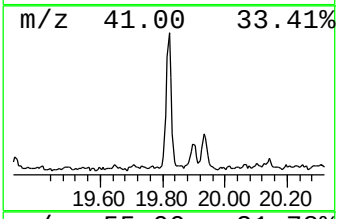


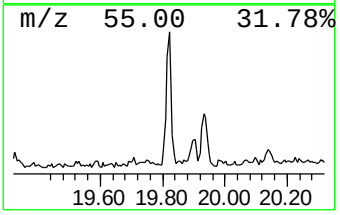












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

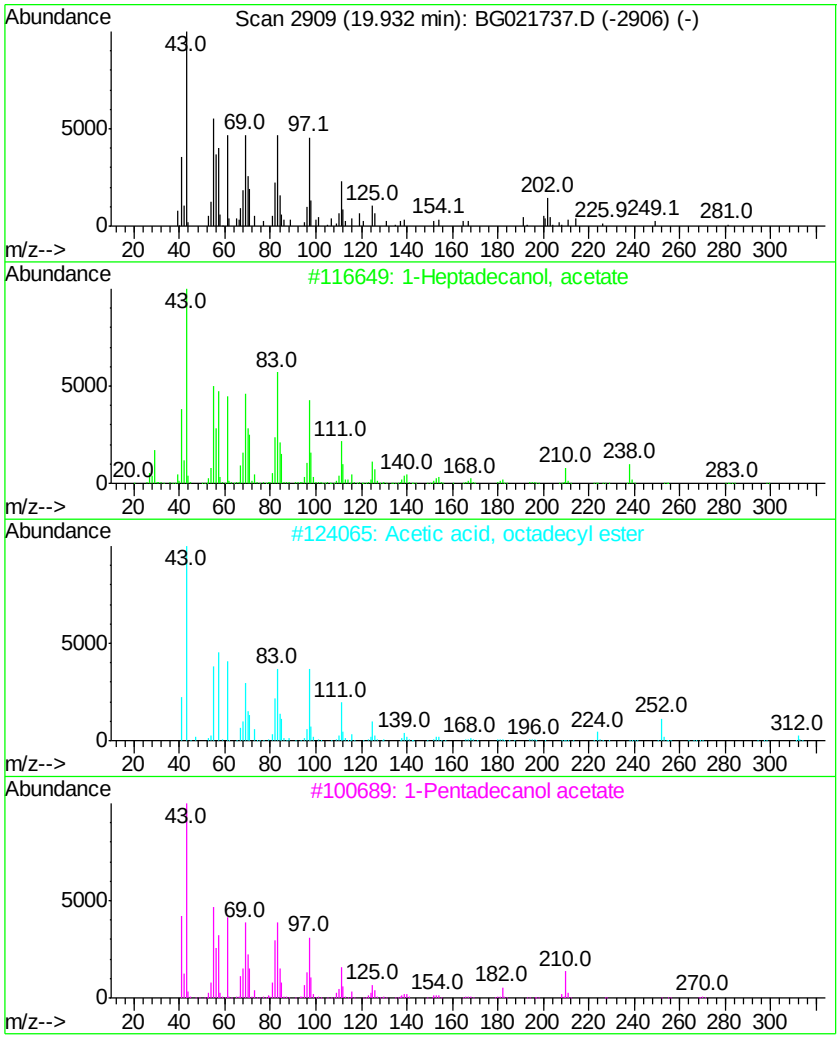
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

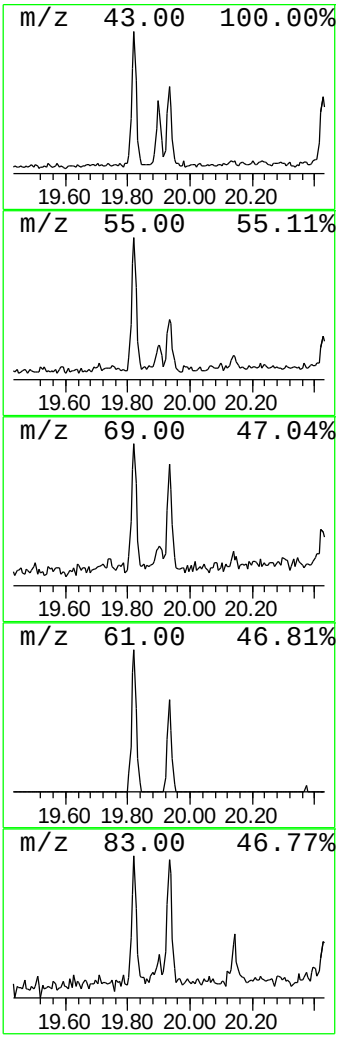
****

Peak Number 9 1-Heptadecanol, acetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	2.72 ng	87946	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol, acetate	298	C19H38O2	000822-20-8	90
2	Acetic acid, octadecyl ester	312	C20H40O2	000822-23-1	87
3	1-Pentadecanol acetate	270	C17H34O2	000629-58-3	83
4	1-Hexadecanol, acetate	284	C18H36O2	000629-70-9	81
5	1-Heptadecanol	256	C17H36O	001454-85-9	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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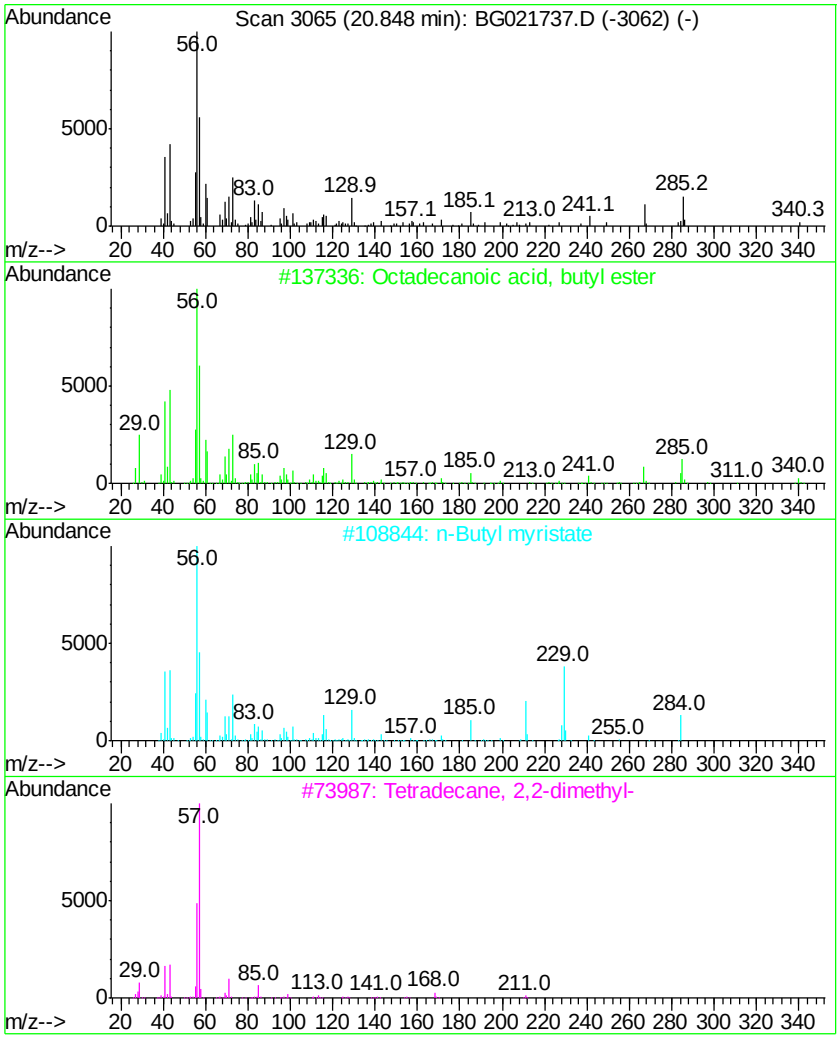
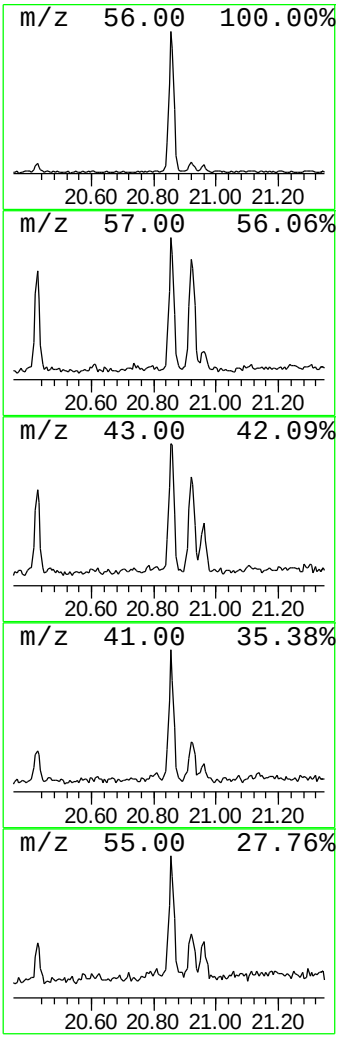
Peak Number 10 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.73 ng	152938	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	98
2	n-Butyl myristate	284	C18H36O2	000110-36-1	72
3	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	38
4	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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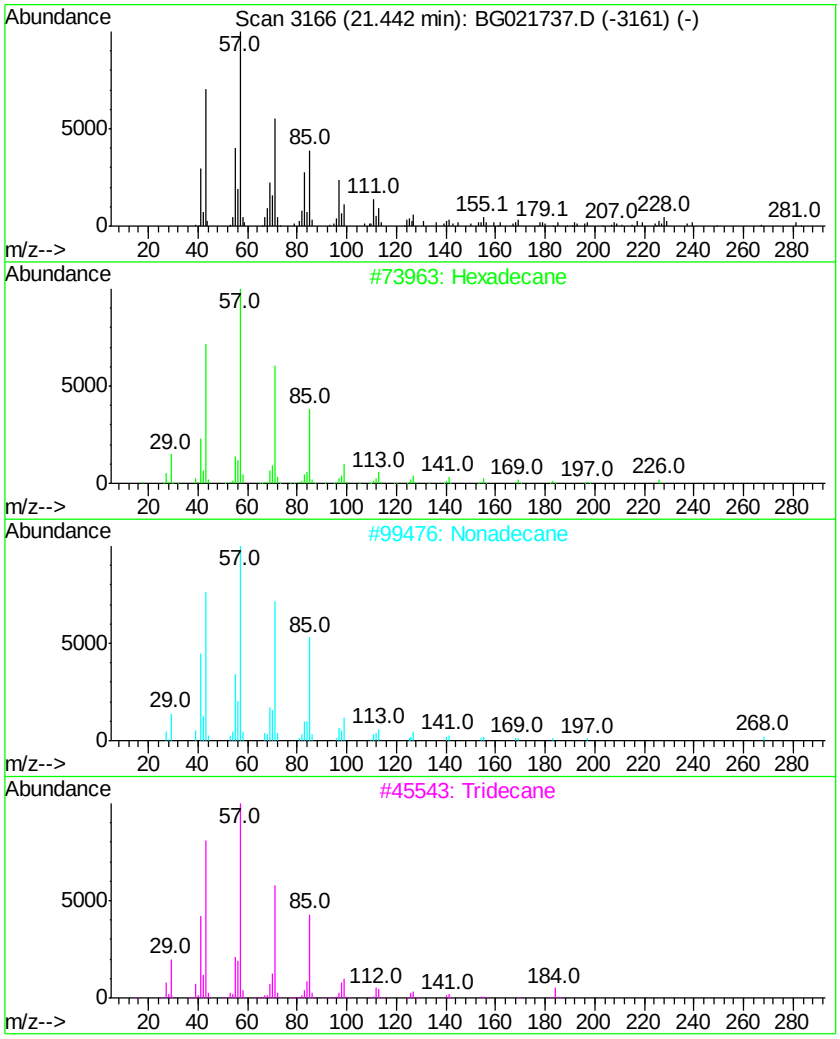
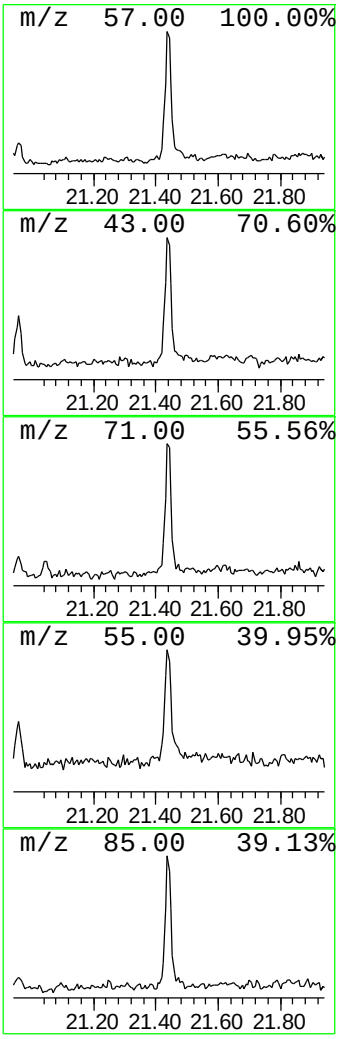
Peak Number 11 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	3.03 ng	97936	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Nonadecane	268	C19H40	000629-92-5	68
3	Tridecane	184	C13H28	000629-50-5	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	1-Pentadecene	210	C15H30	013360-61-7	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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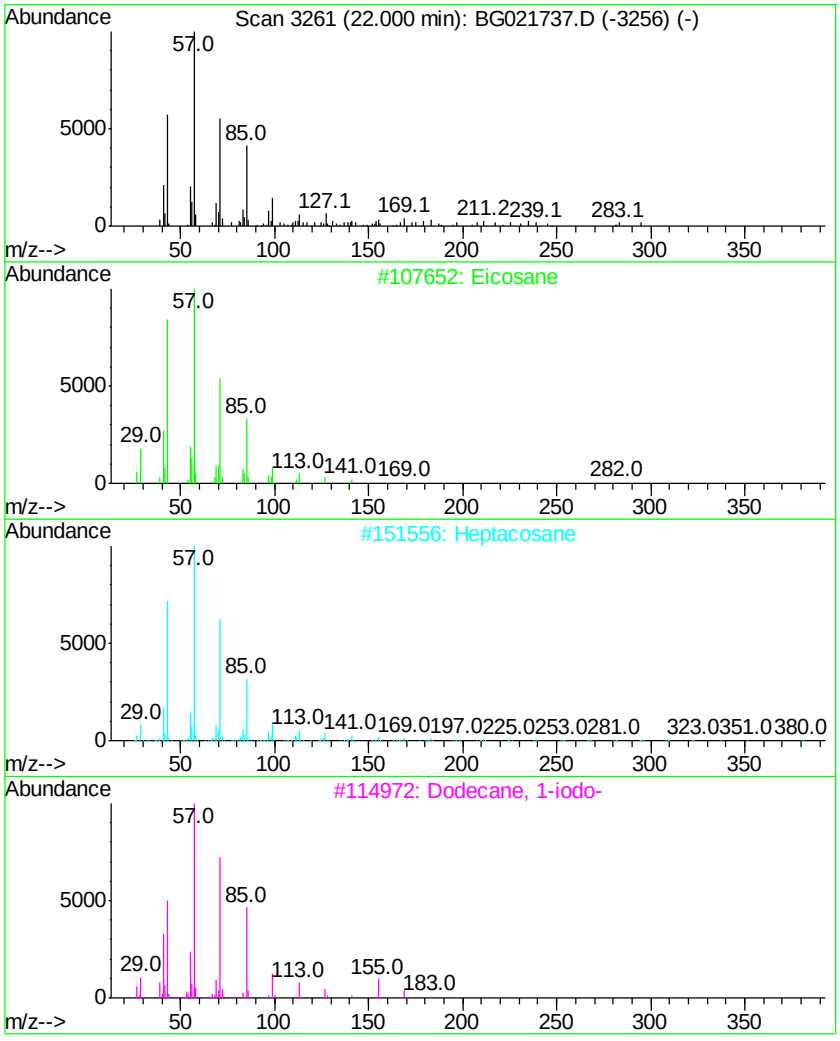
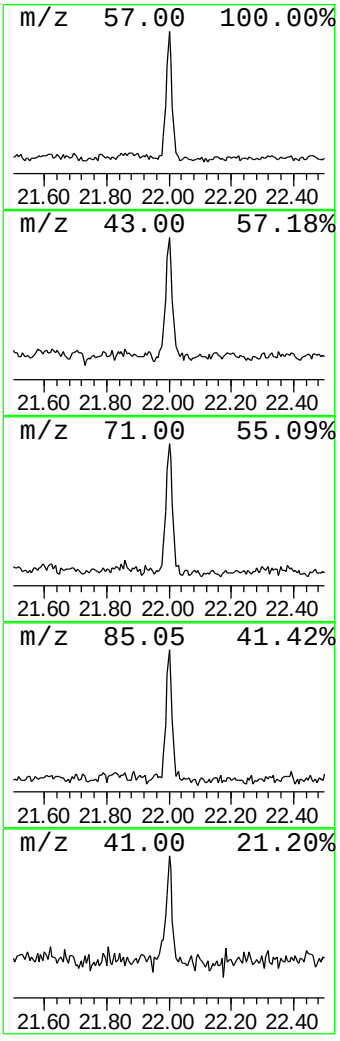
Peak Number 12 unknown22.00 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	2.26 ng	73031	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Heptacosane	380	C27H56	000593-49-7	87
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Nonacosane	408	C29H60	000630-03-5	86
5	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041816\
Data File : BG021737.D
Acq On : 18 Apr 2016 13:04
Operator : UM/SJ
Sample : H2414-01
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-BWR-BB-R04-CS-1(0-16FT)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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
Propane, 2,2-dime...	3.10	315.7	ng	2905880	1	8.21	184095	20.0
2-Pentanone, 4-hy...	5.29	8.6	ng	78657	1	8.21	184095	20.0
unknown7.75	7.75	99.3	ng	913671	1	8.21	184095	20.0
Hexadecane	14.69	2.5	ng	58481	3	14.82	474250	20.0
Eicosane	15.64	3.2	ng	76243	3	14.82	474250	20.0
Pentadecane	16.49	3.1	ng	82918	4	17.56	528141	20.0
Hexadecanoic acid...	19.82	6.0	ng	194772	5	21.83	646363	20.0
1-Heptadecanol, a...	19.93	2.7	ng	87946	5	21.83	646363	20.0
Octadecanoic acid...	20.85	4.7	ng	152938	5	21.83	646363	20.0
Nonadecane	21.44	3.0	ng	97936	5	21.83	646363	20.0
unknown22.00	22.00	2.3	ng	73031	5	21.83	646363	20.0