LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

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-BG022916.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	3.059	32	37	57	rVV	1394793	1886326	100.00%	25.485%
2	3.206	57	62	71	rVB2	11194	20787	1.10%	0.281%
3	5.233	402	407	416	rBV	59842	92963	4.93%	1.256%
4	5.703	480	487	497	rVB	268201	431808	22.89%	5.834%
5	7.295	749	758	766	rBV	299148	517908	27.46%	6.997%
6	7.677	816	823	833	rBV	288905	492347	26.10%	6.652%
7	8.147	896	903	910	rBV	52362	86671	4.59%	1.171%
8	8.470	951	958	965	rBB	184886	323456	17.15%	4.370%
9	9.311	1094	1101	1110	rVB	186046	336034	17.81%	4.540%
10	10.956	1374	1381	1389	rVB	81227	145716	7.72%	1.969%
11	13.382	1787	1794	1801	rBV	386961	577646	30.62%	7.804%
12	14.199	1927	1933	1939	rVB	62914	86944	4.61%	1.175%
13	14.634	2002	2007	2012	rVB	15010	19742	1.05%	0.267%
14	14.757	2022	2028	2034	rVB3	117987	189522	10.05%	2.561%
15	15.580	2163	2168	2173	rVB	24078	31481	1.67%	0.425%
16	16.232	2273	2279	2287	rVB	324005	491620	26.06%	6.642%
17	16.437	2309	2314	2326	rBV	21735	41226	2.19%	0.557%
18	17.489	2487	2493	2499	rBV2	135249	206821	10.96%	2.794%
19	18.353	2636	2640	2648	rVV2	49889	68446	3.63%	0.925%
20	19.528	2836	2840	2846	rVB	16864	23499	1.25%	0.317%
21	19.616	2850	2855	2862	rBV3	14937	23045	1.22%	0.311%
22	19.886	2897	2901	2907	rVB	12821	19342	1.03%	0.261%
23	20.080	2928	2934	2940	rBV	545686	697771	36.99%	9.427%
24	21.367	3149	3153	3159	rBV2	40065	65638	3.48%	0.887%
25	21.755	3212	3219	3225	rBV	143456	247677	13.13%	3.346%
26	23.606	3529	3534	3539	rVB4	19745	37800	2.00%	0.511%
27	25.027	3767	3776	3787	rBV3	70783	197272	10.46%	2.665%
28	26.179	3968	3972	3982	rVB6	16321	42115	2.23%	0.569%

Sum of corrected areas: 7401623

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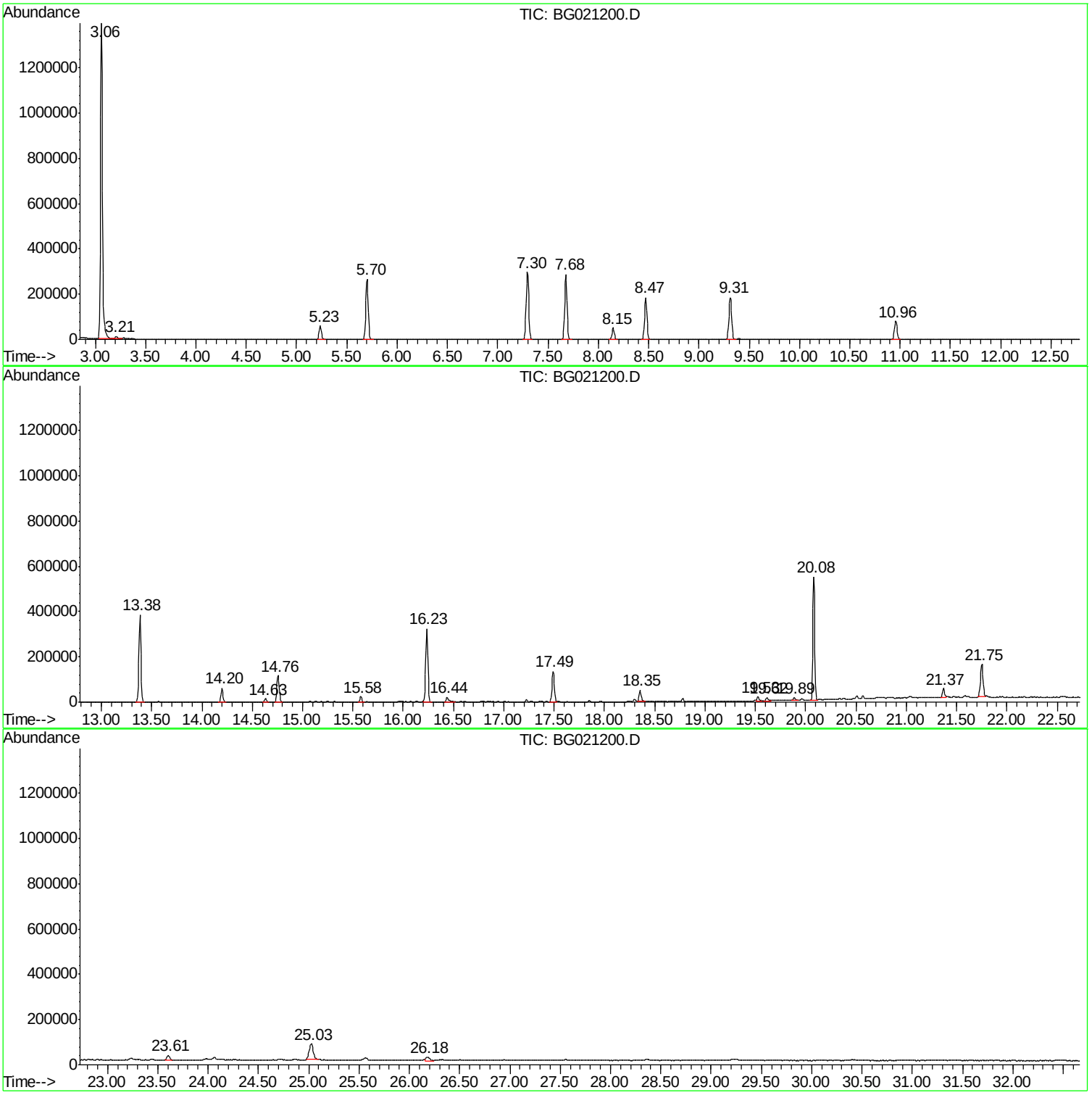
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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\BG030116\
Data File : BG021200.D
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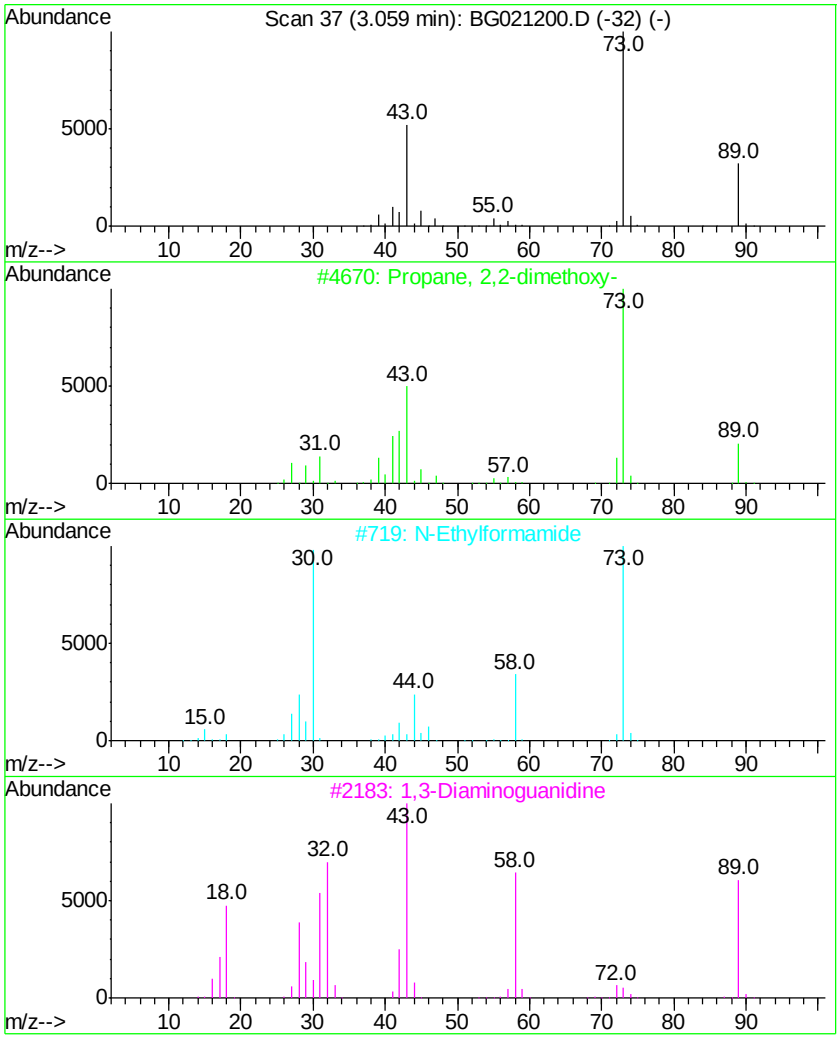
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

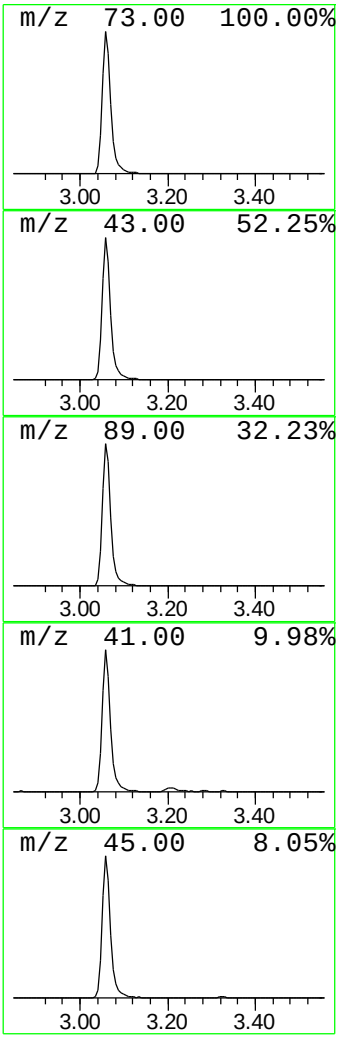
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	435.28 ng	1886330	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

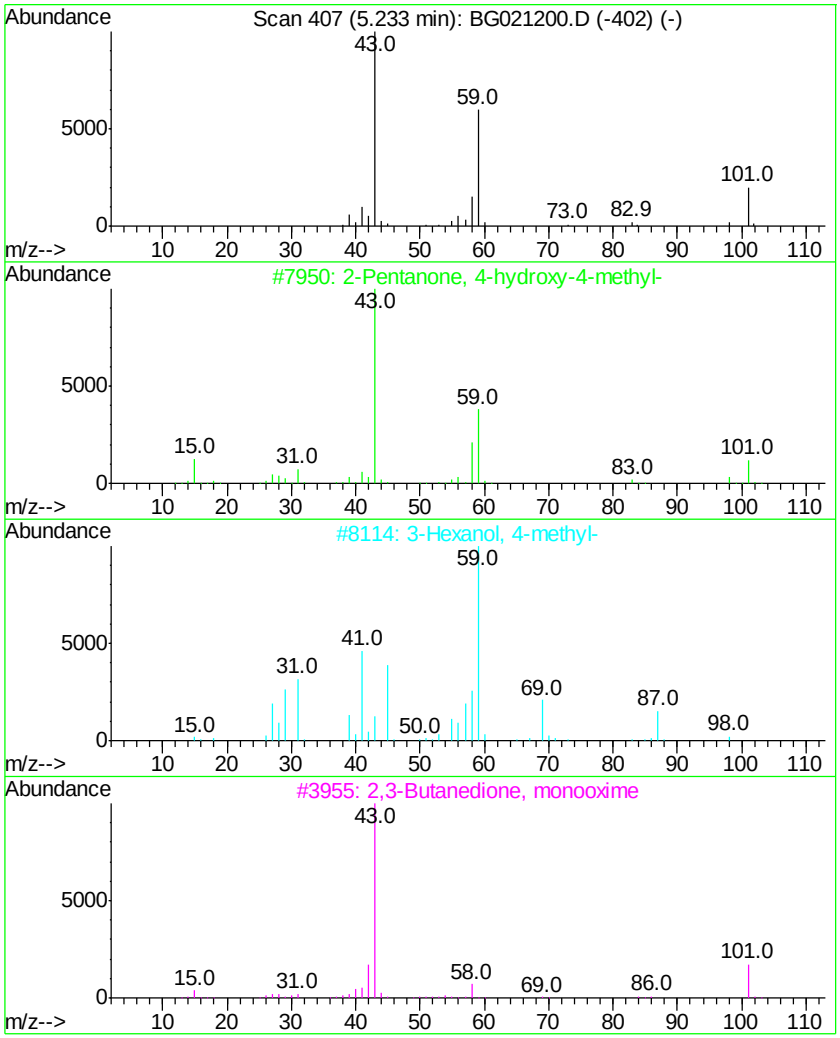
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

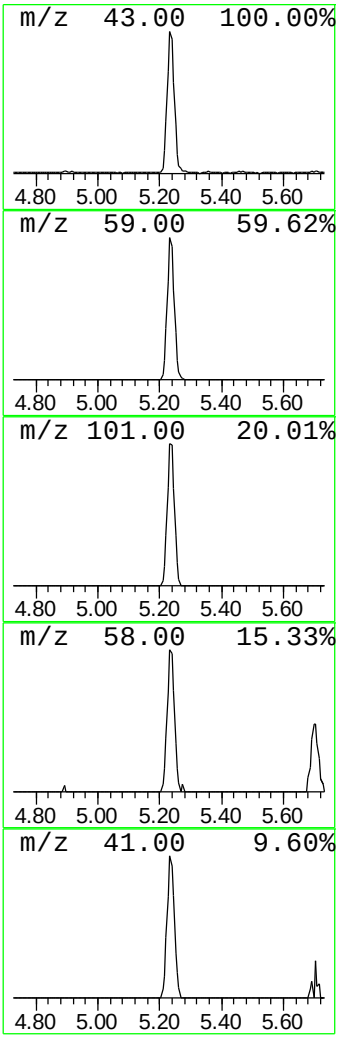
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	21.45 ng	92963	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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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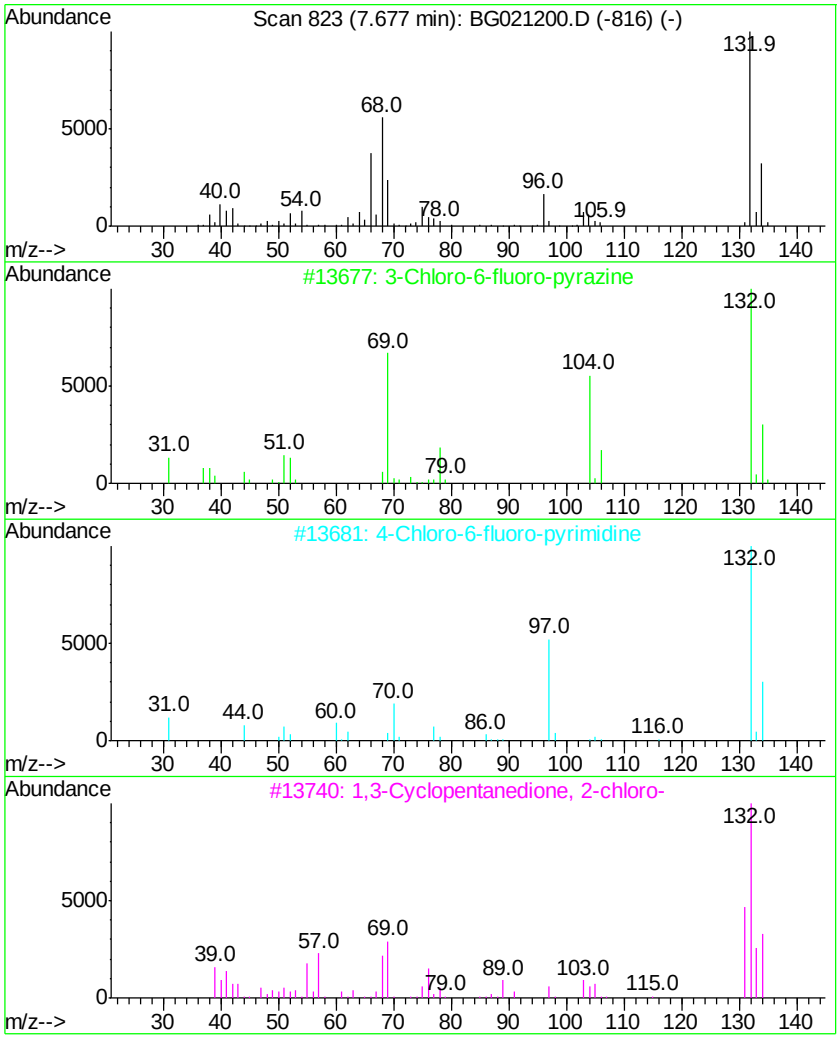
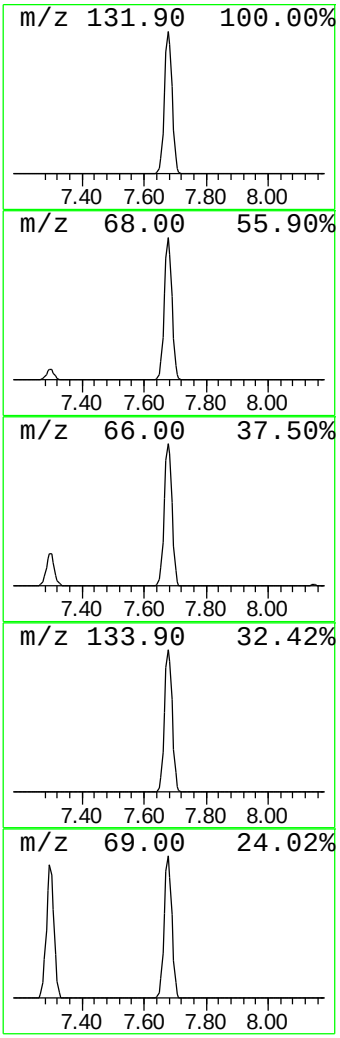
Peak Number 4 unknown7.68 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	113.61 ng	492347	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22





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Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

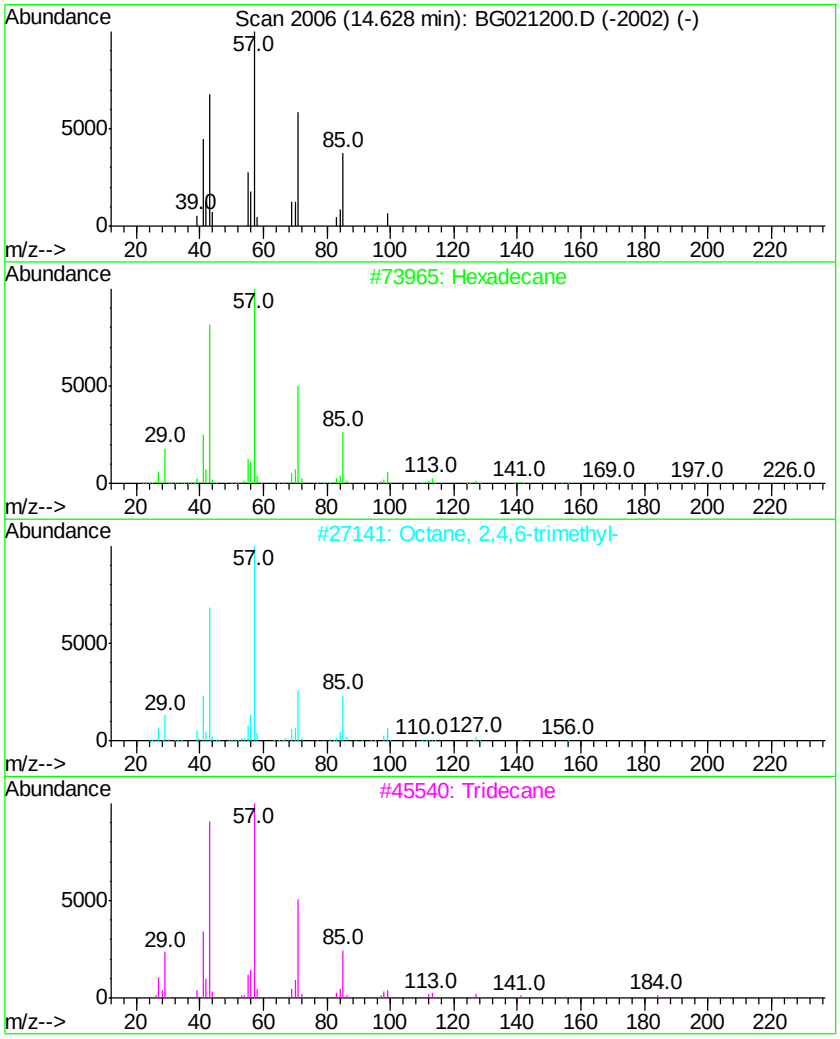
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

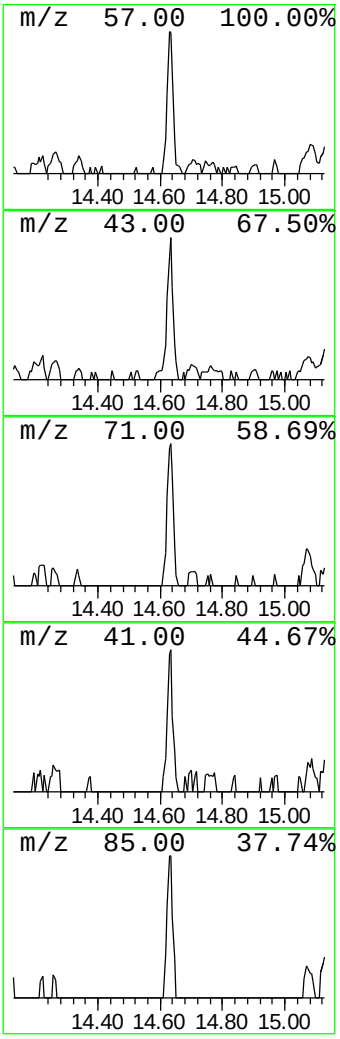
****

Peak Number 6 Hexadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	2.08 ng	19742	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	83
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
3	Tridecane	184	C13H28	000629-50-5	72
4	Ether, hexyl pentyl	172	C11H24O	032357-83-8	50
5	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

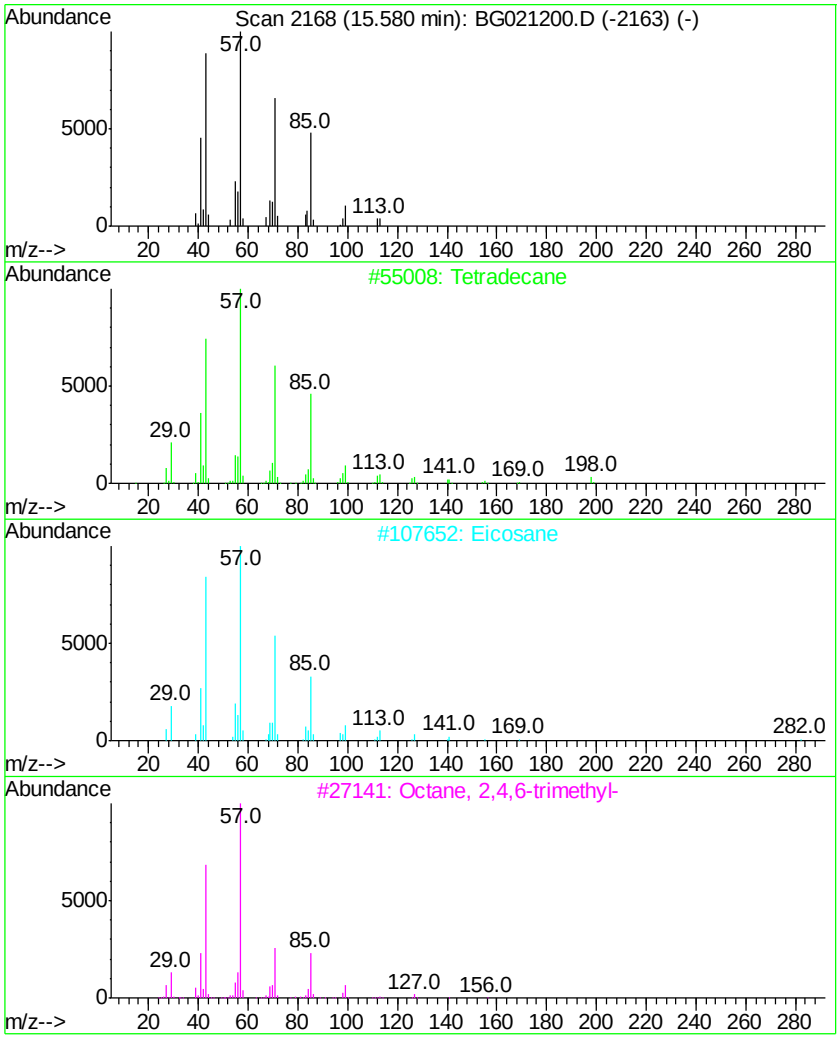
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

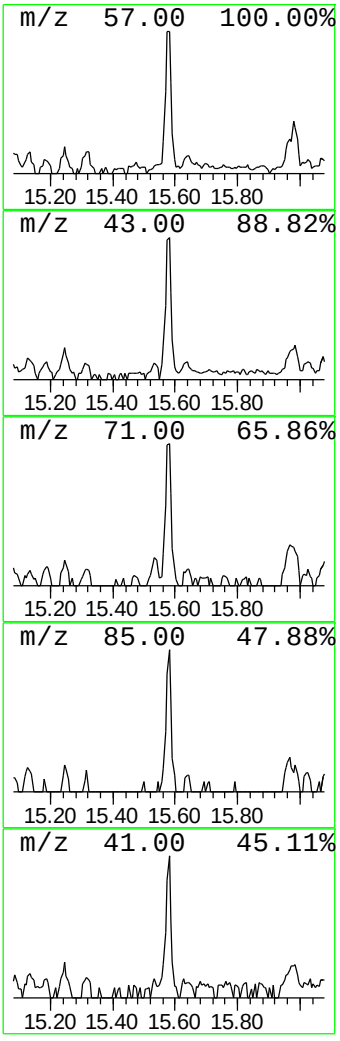
****

Peak Number 7 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	3.32 ng	31481	Acenaphthene-d10	14.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Eicosane	282	C20H42	000112-95-8	90
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Pentadecane	212	C15H32	000629-62-9	78





Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

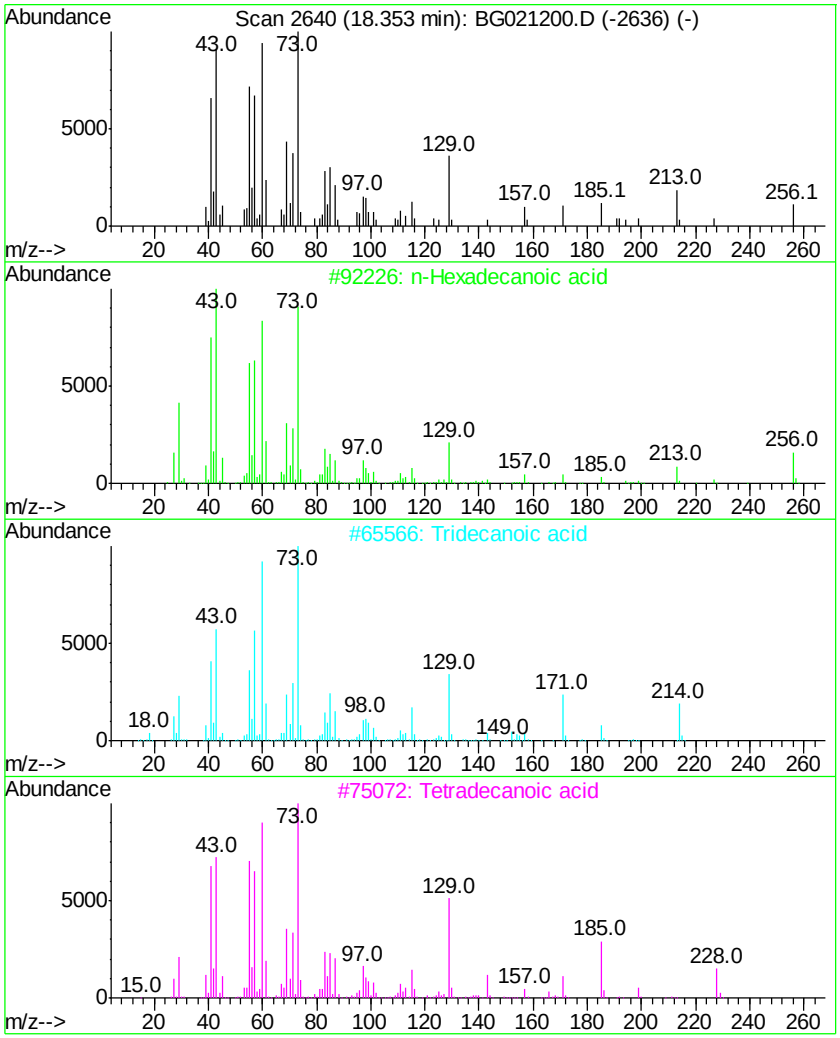
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

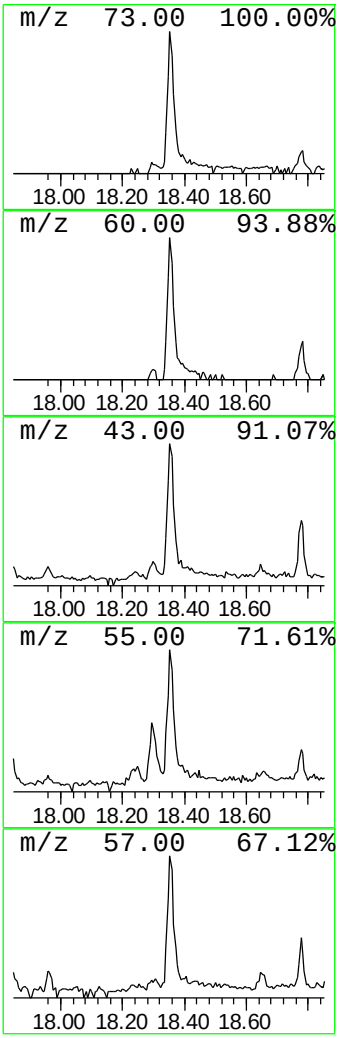
****

Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	6.62 ng	68446	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Undecanoic acid	186	C11H22O2	000112-37-8	64





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Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

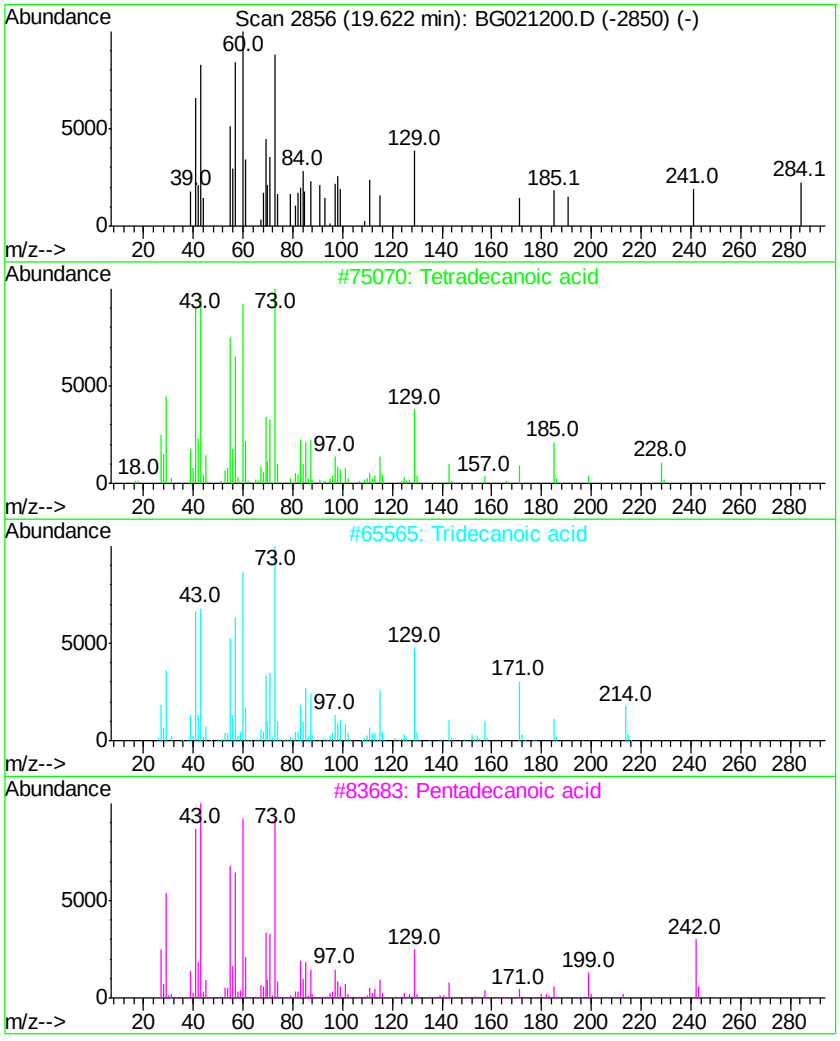
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

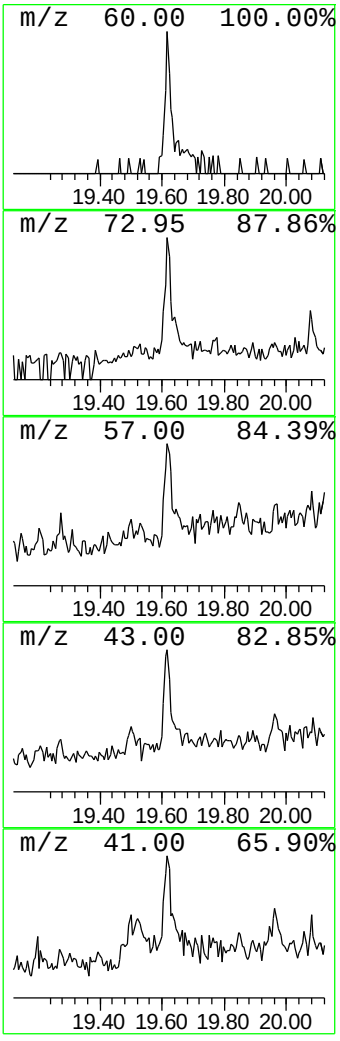
****

Peak Number 11 Tetradecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.23 ng	23045	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
2	Tridecanoic acid	214	C13H26O2	000638-53-9	50
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	47





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Data File : BG021200.D
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Sample : H1577-04
Misc :
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Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

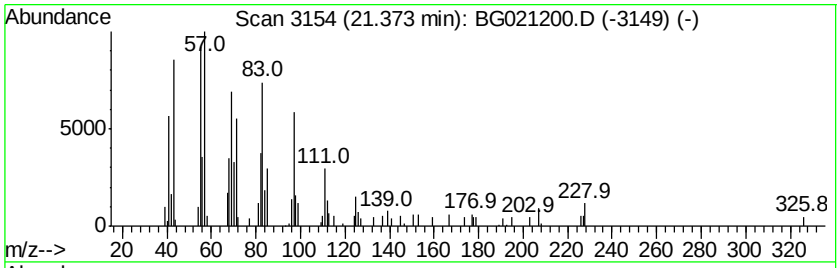
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

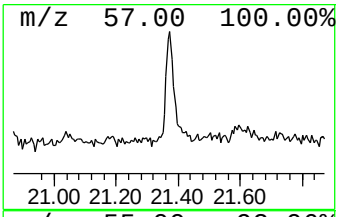
****

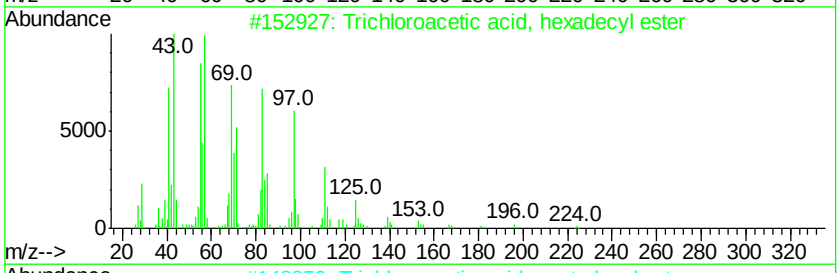
Peak Number 12 Trichloroacetic acid, hexad... Concentration Rank 6

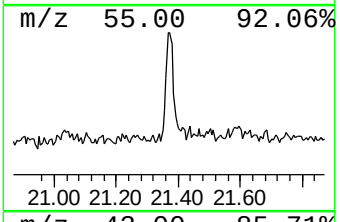
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	5.30 ng	65638	Chrysene-d12	21.75

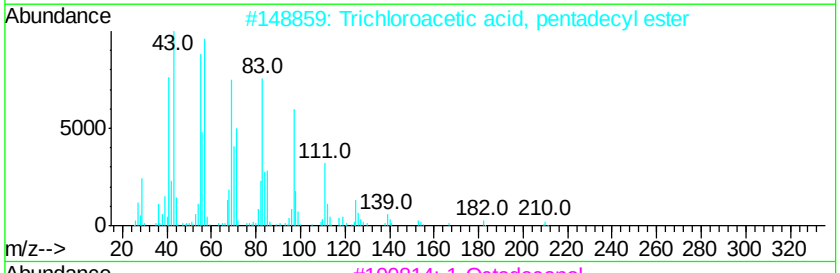
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	95
3	1-Octadecanol	270	C18H38O	000112-92-5	93
4	1-Docosene	308	C22H44	001599-67-3	93
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91

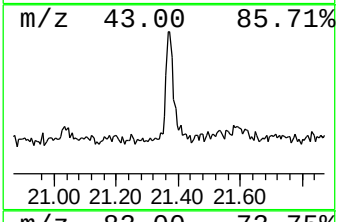


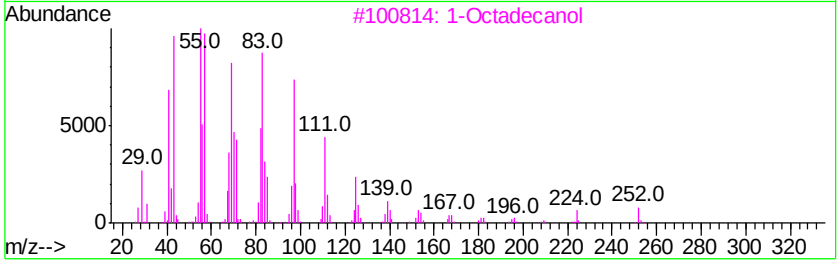


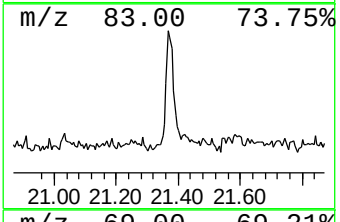


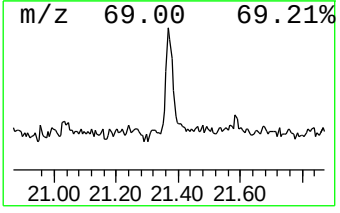












Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

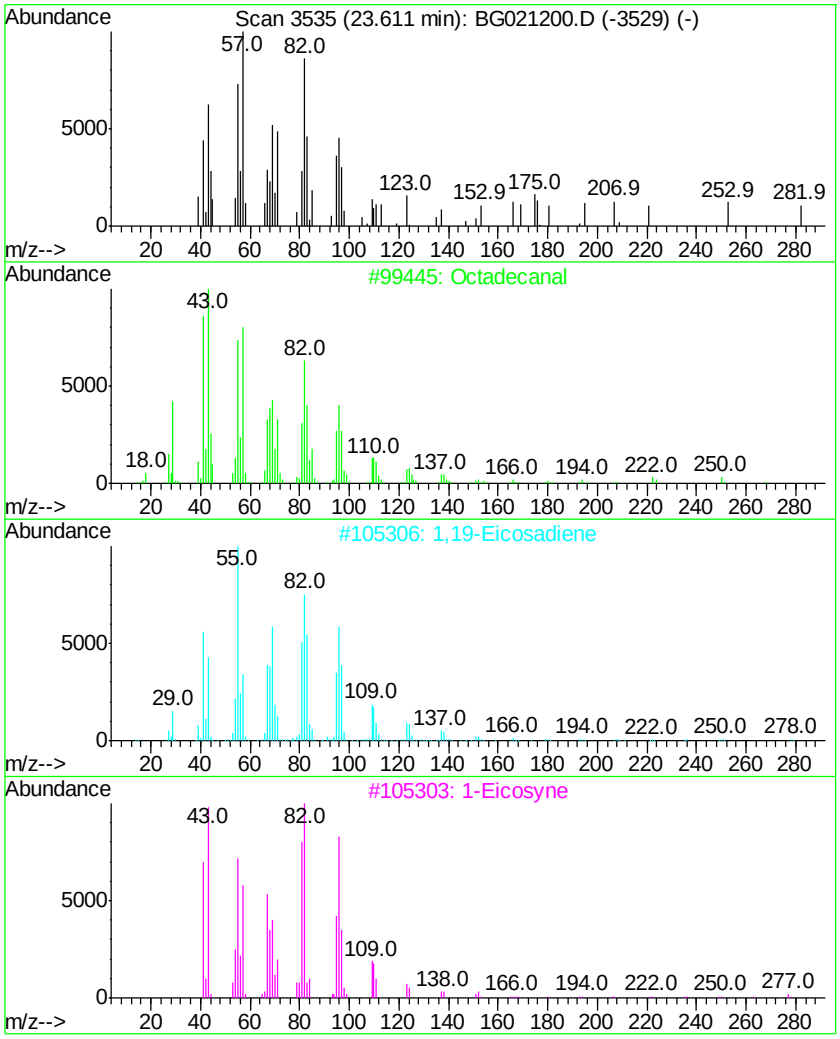
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

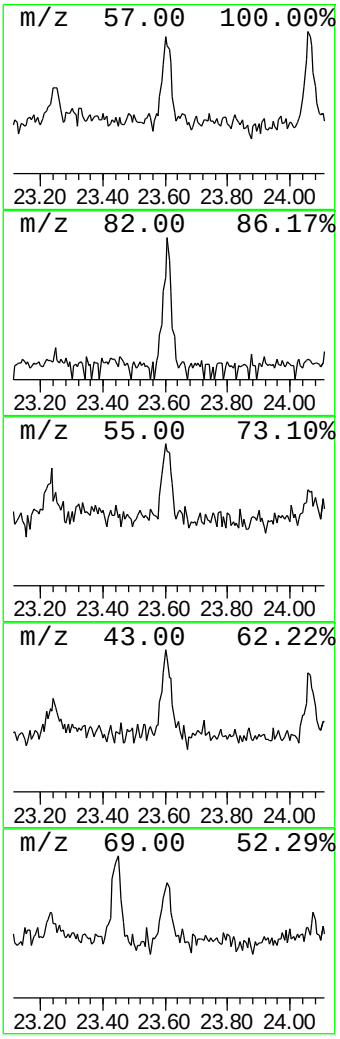
****

Peak Number 13 unknown23.61 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.61	3.83 ng	37800	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	43
2	1,19-Eicosadiene	278	C20H38	014811-95-1	43
3	1-Eicosyne	278	C20H38	000765-27-5	27
4	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	27
5	Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

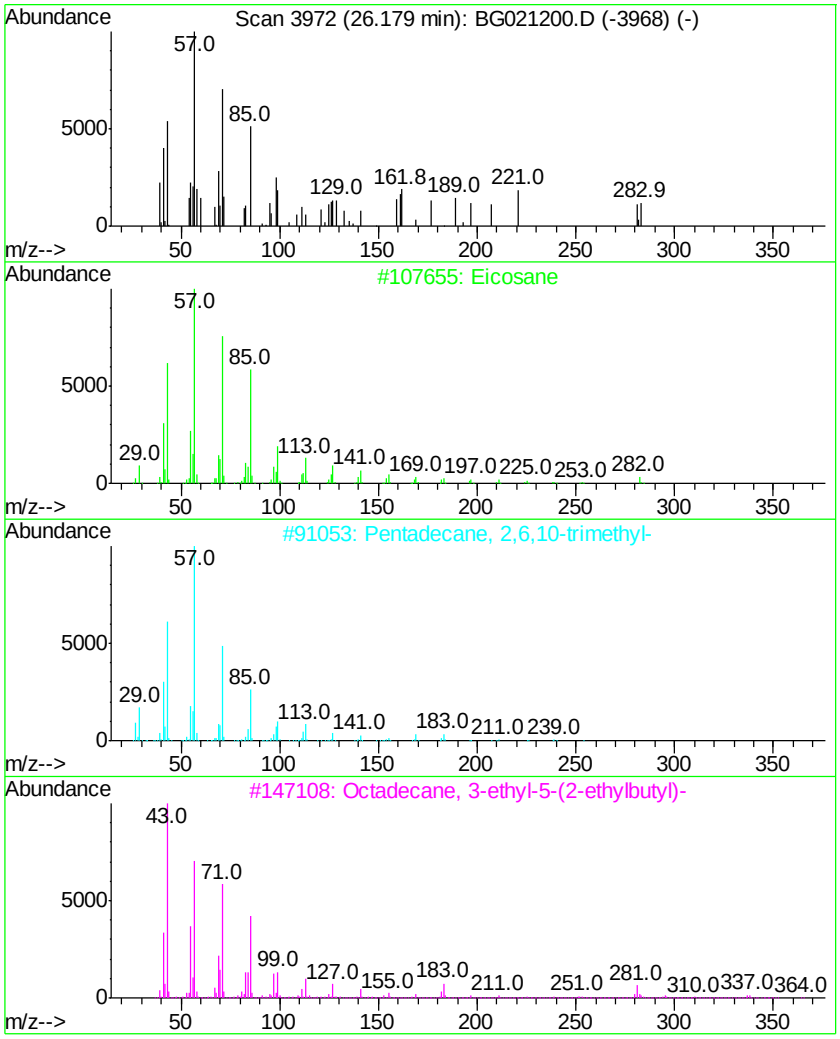
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

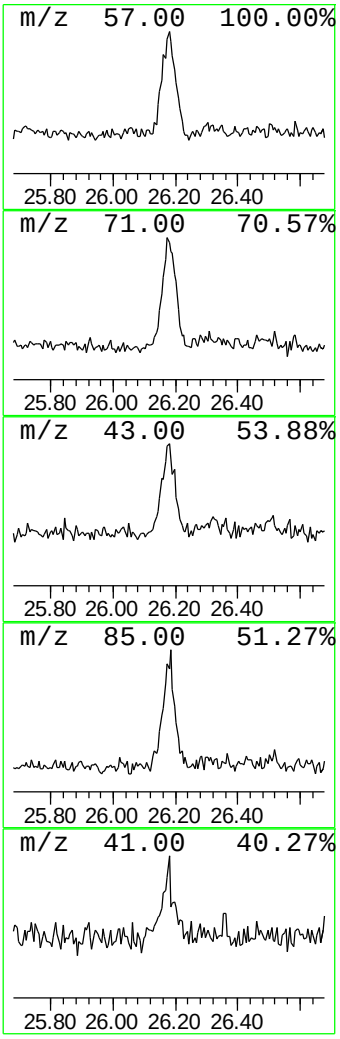
****

Peak Number 14 unknown26.18 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.18	4.27 ng	42115	Perylene-d12	25.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	49
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	43
3	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	43
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	43
5	Heneicosane	296	C21H44	000629-94-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030116\
Data File : BG021200.D
Acq On : 2 Mar 2016 1:42
Operator : UM/SJ
Sample : H1577-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEC-B3-S1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022916.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...	3.06	435.3	ng	1886330	1	8.15	86671	20.0
2-Pentanone, 4-hy...	5.23	21.4	ng	92963	1	8.15	86671	20.0
unknown7.68	7.68	113.6	ng	492347	1	8.15	86671	20.0
Hexadecane	14.63	2.1	ng	19742	3	14.76	189522	20.0
Tetradecane	15.58	3.3	ng	31481	3	14.76	189522	20.0
n-Hexadecanoic acid	18.35	6.6	ng	68446	4	17.49	206821	20.0
Tetradecanoic acid	19.62	2.2	ng	23045	4	17.49	206821	20.0
Trichloroacetic a...	21.37	5.3	ng	65638	5	21.75	247677	20.0
unknown23.61	23.61	3.8	ng	37800	6	25.02	197272	20.0
unknown26.18	26.18	4.3	ng	42115	6	25.02	197272	20.0