LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 16-VE-PILE-WALL(0-2)

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-BG060616.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	2.966	17	22	31	rVB	52266	84792	5.38%	0.862%
2	5.170	391	397	405	rBV	21348	40639	2.58%	0.413%
3	5.651	472	479	490	rBV	336623	638011	40.49%	6.484%
4	7.267	746	754	769	rBV	377549	729397	46.29%	7.412%
5	7.637	809	817	831	rBV	401118	764101	48.49%	7.765%
6	8.107	890	897	904	rBV	78829	153565	9.75%	1.561%
7	8.431	940	952	964	rBV	304923	599717	38.06%	6.094%
8	9.277	1088	1096	1112	rBV	207971	432909	27.47%	4.399%
9	10.928	1368	1377	1394	rBV	126303	262174	16.64%	2.664%
10	13.360	1784	1791	1803	rBV	689740	1211656	76.90%	12.313%
11	14.136	1915	1923	1926	rBV2	12127	20702	1.31%	0.210%
12	14.177	1926	1930	1937	rVB	67542	111999	7.11%	1.138%
13	14.559	1991	1995	2000	rBV4	12075	19267	1.22%	0.196%
14	14.735	2019	2025	2032	rBV2	207043	368657	23.40%	3.746%
15	14.788	2032	2034	2044	rVB2	10849	16225	1.03%	0.165%
16	14.970	2059	2065	2071	rVB3	11336	16887	1.07%	0.172%
17	15.040	2071	2077	2084	rBV2	13997	24833	1.58%	0.252%
18	15.552	2159	2164	2170	rBV	16344	25019	1.59%	0.254%
19	15.957	2225	2233	2246	rBV7	12710	32866	2.09%	0.334%
20	16.227	2264	2279	2287	rBV	436496	801641	50.88%	8.146%
21	16.286	2287	2289	2296	rVB5	14323	21879	1.39%	0.222%
22	16.409	2306	2310	2313	rBV4	16752	25576	1.62%	0.260%
23	17.479	2485	2492	2504	rBV	225669	409189	25.97%	4.158%
24	17.849	2549	2555	2565	rVB9	6091	15895	1.01%	0.162%
25	18.049	2584	2589	2598	rVB9	6656	16038	1.02%	0.163%
26	19.529	2836	2841	2846	rBV	24052	38494	2.44%	0.391%
27	19.888	2897	2902	2909	rVB2	27619	42538	2.70%	0.432%
28	20.076	2928	2934	2942	rBV	1099530	1575659	100.00%	16.012%
29	20.375	2976	2985	2991	rBV	16803	42578	2.70%	0.433%
30	21.368	3143	3154	3170	rBV3	56725	161289	10.24%	1.639%
31	21.756	3212	3220	3235	rBV2	236143	484420	30.74%	4.923%
32	23.419	3497	3503	3513	rVB2	30082	66378	4.21%	0.675%
33	24.036	3603	3608	3618	rVB2	28346	79246	5.03%	0.805%
34	25.046	3767	3780	3793	rBV2	130000	413679	26.25%	4.204%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
16-VE-PILE-WALL(0-2)

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-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	26.139	3957	3966	3976	rBV5	26640	92483	5.87%	0.940%

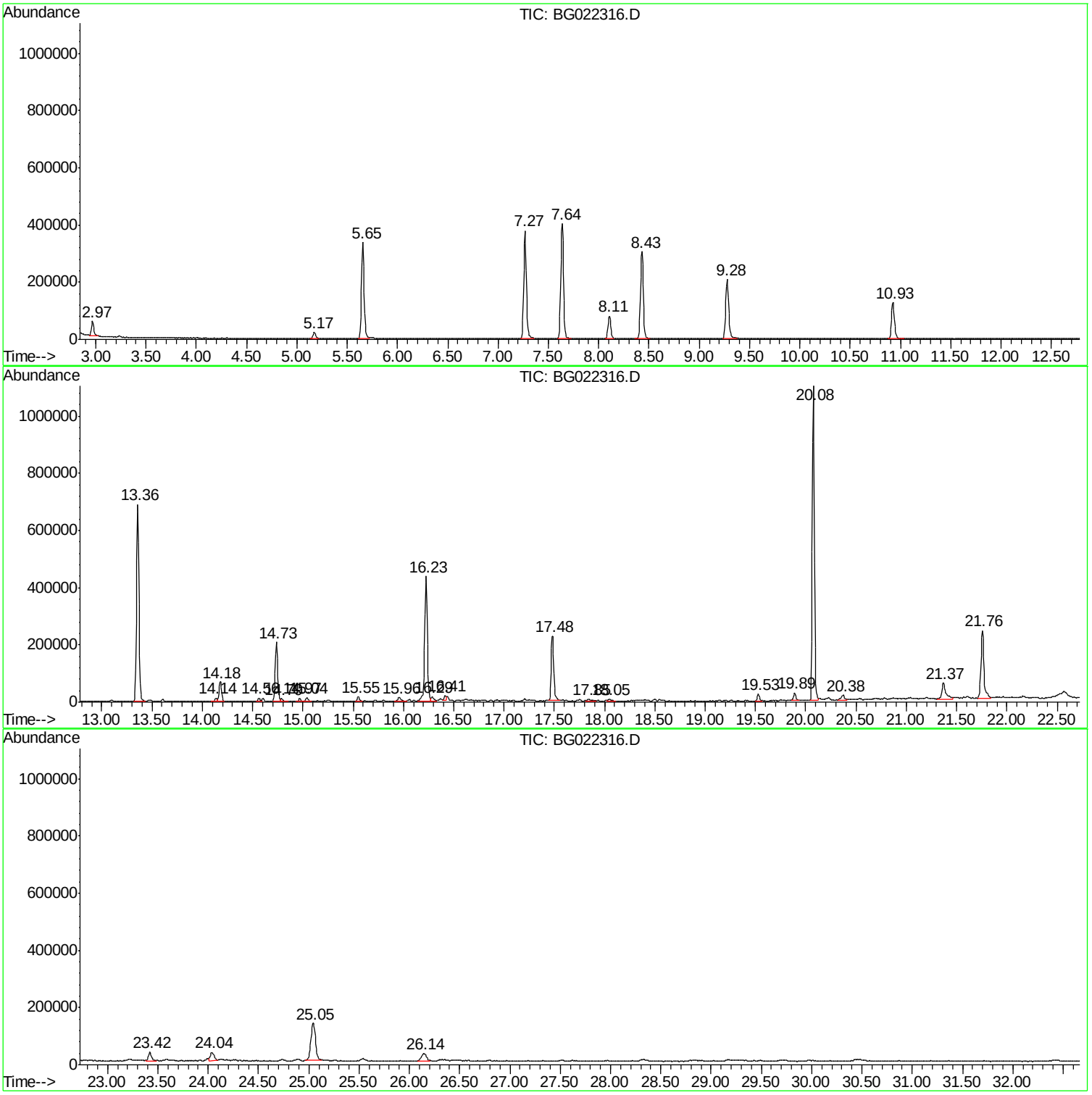
Sum of corrected areas: 9840398

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

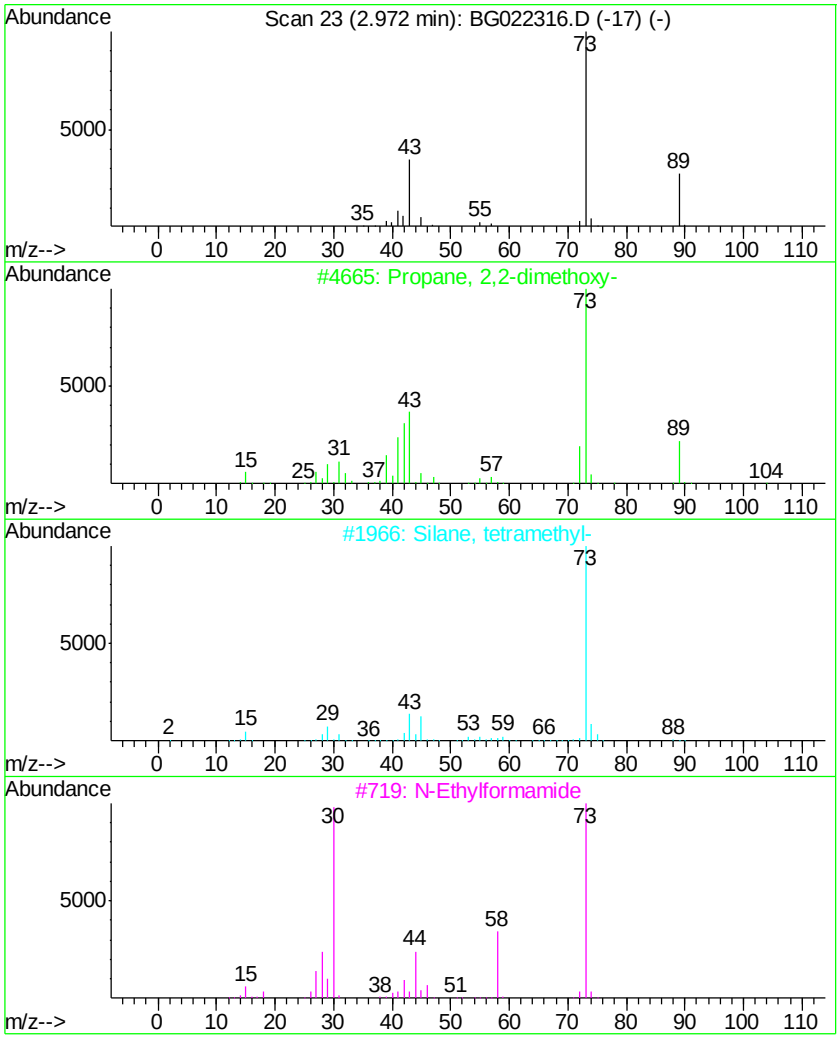
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

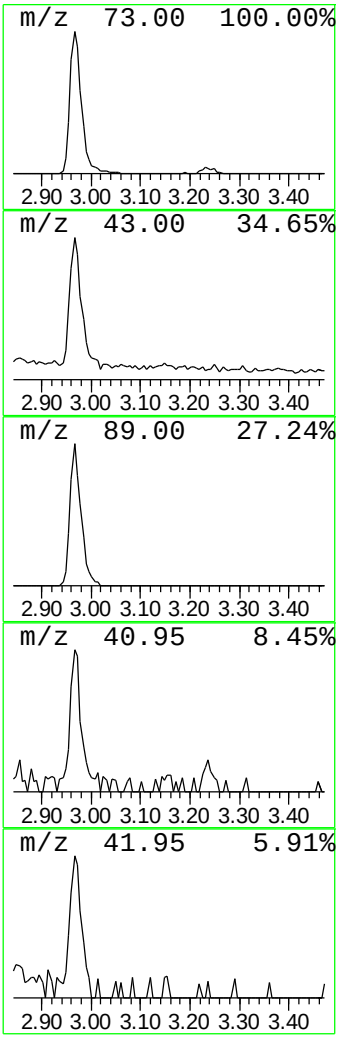
****

Peak Number 1 unknown2.97 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	11.04 ng	84792	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	4





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

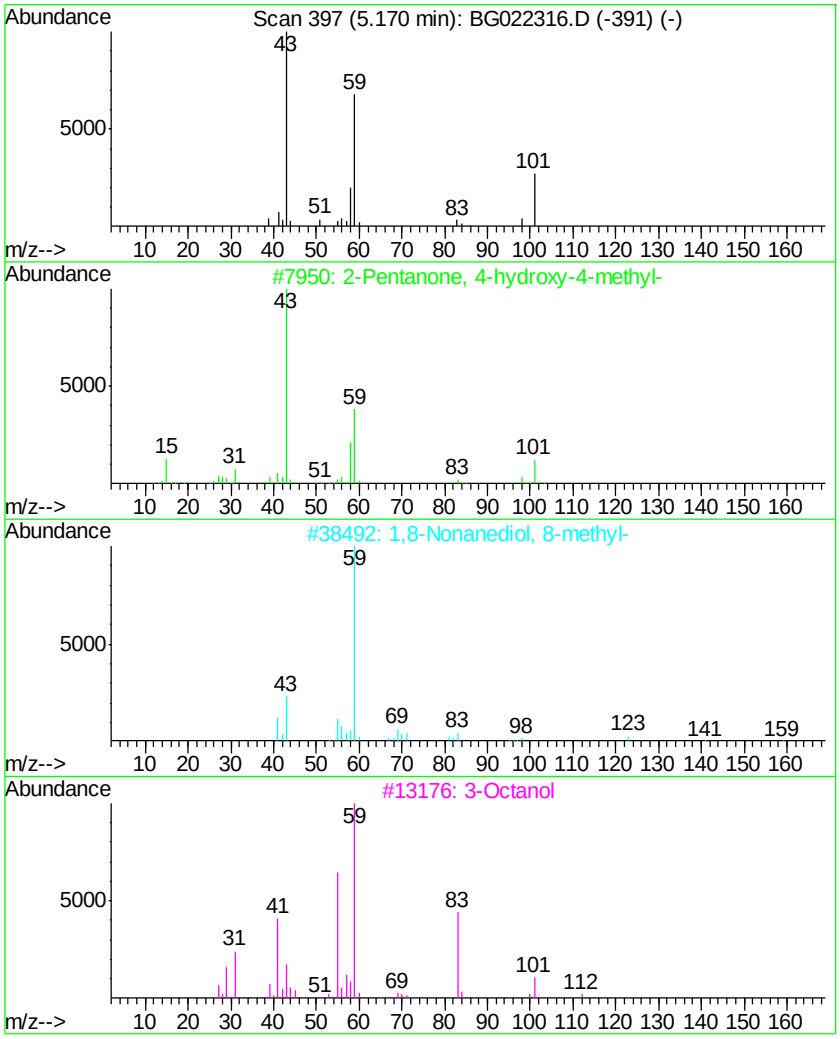
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

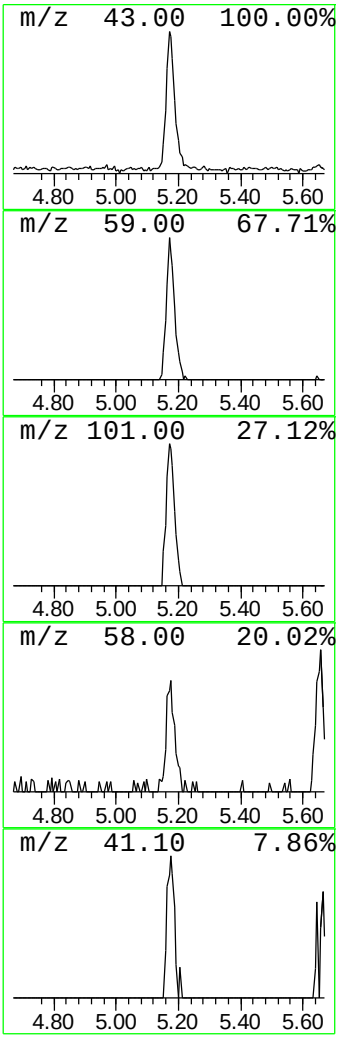
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	5.29 ng	40639	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	17
3	3-Octanol	130	C8H18O	000589-98-0	17
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

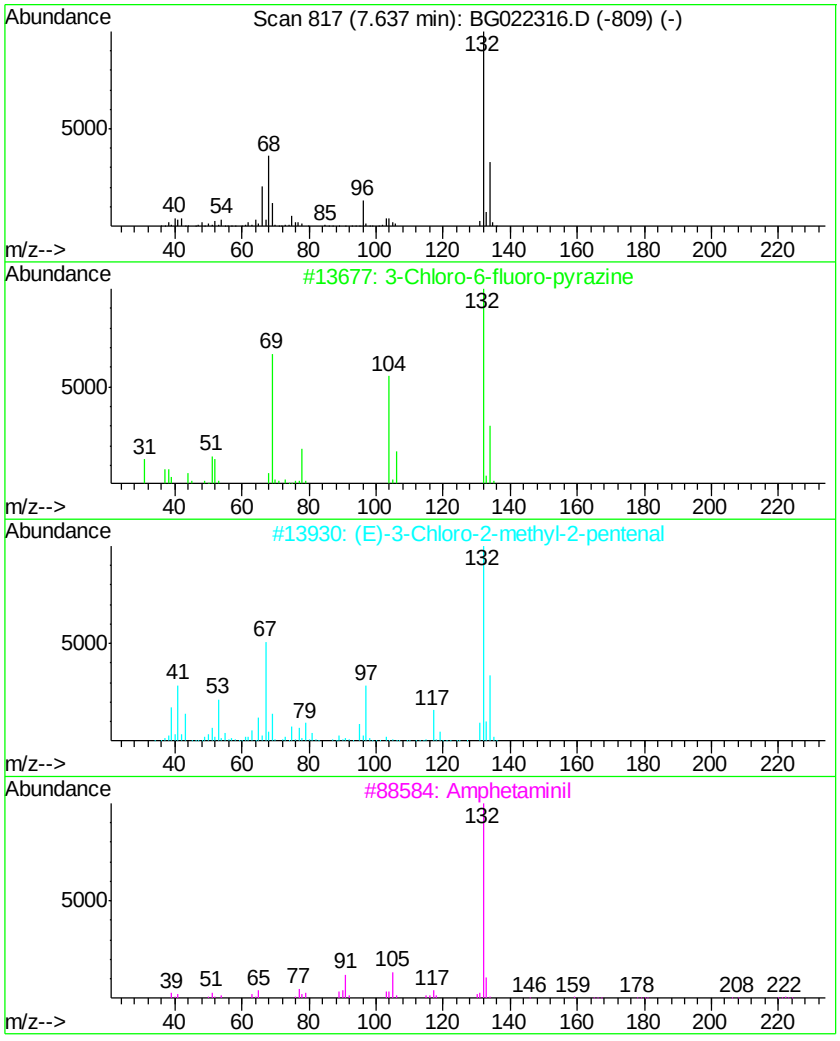
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

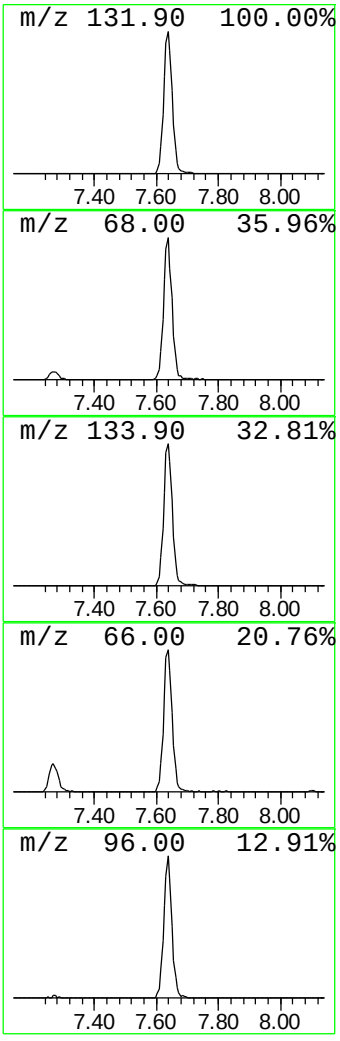
****

Peak Number 3 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	99.52 ng	764101	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	Xenon	132	Xe	007440-63-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

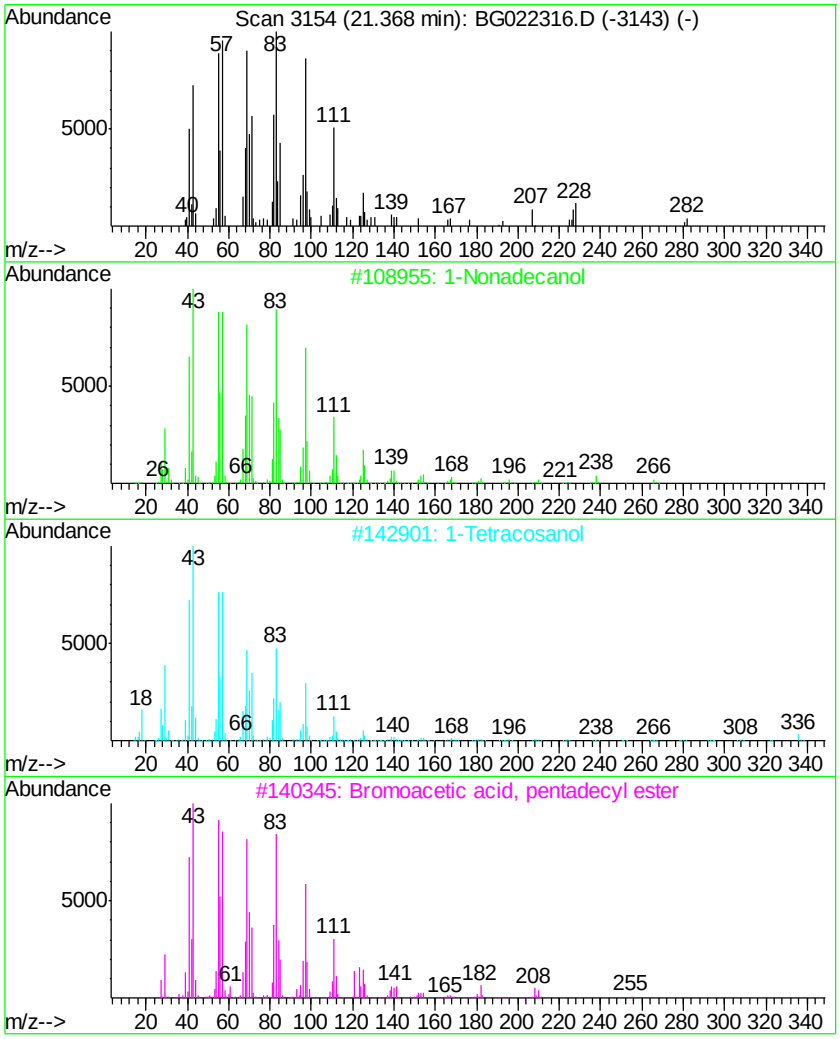
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

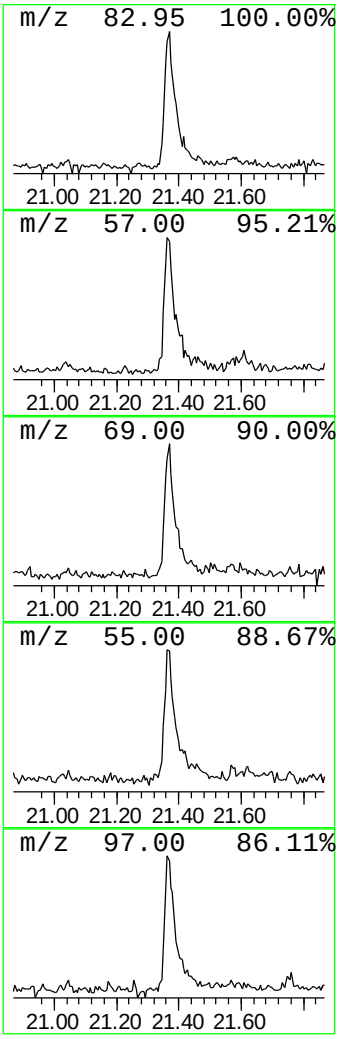
****

Peak Number 5 1-Nonadecanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	6.66 ng	161289	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	90
2	1-Tetracosanol	354	C24H50O	000506-51-4	87
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	86
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	83
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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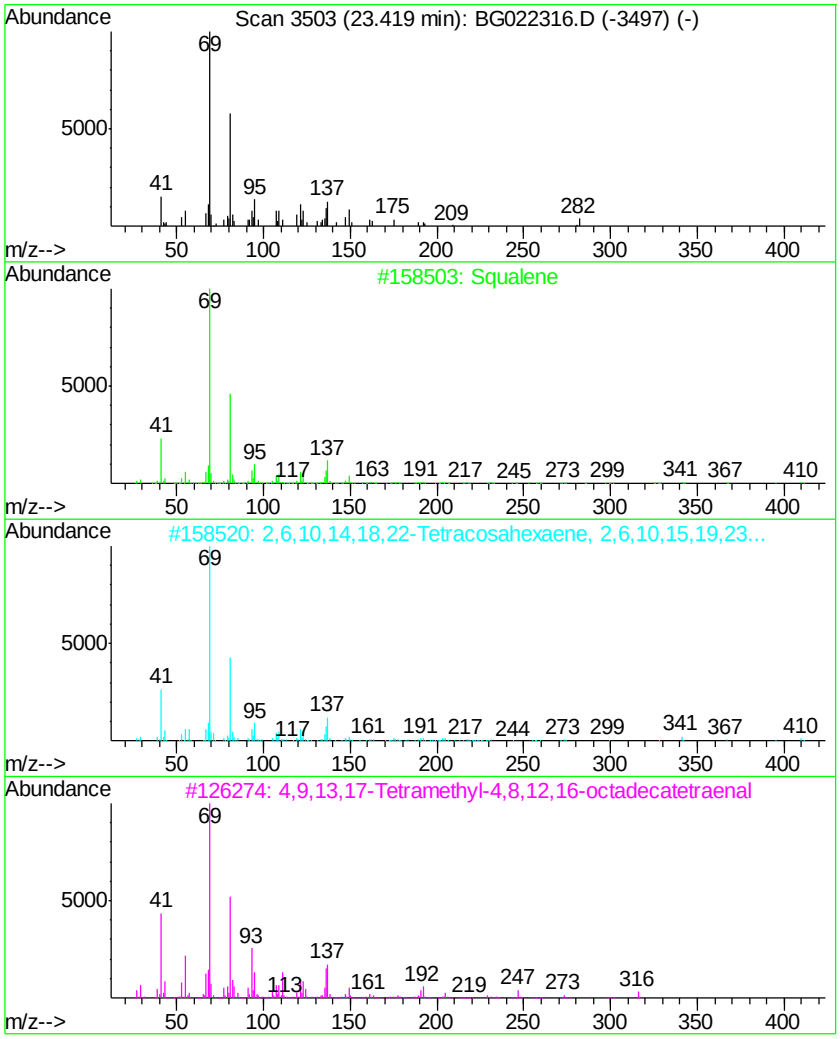
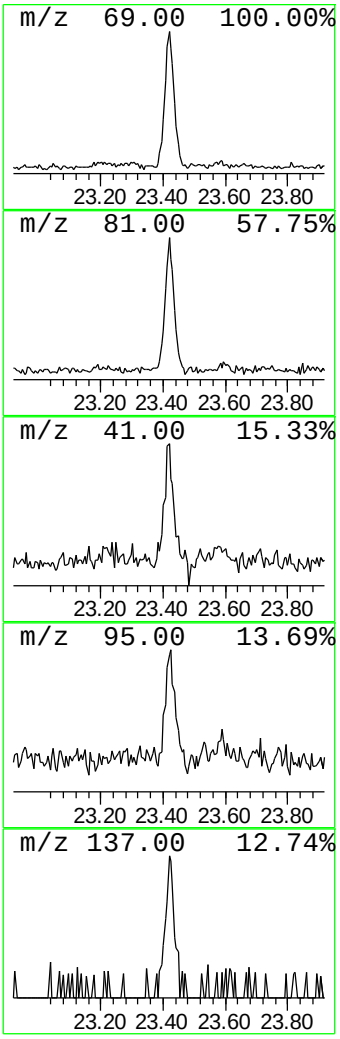
Peak Number 6 Squalene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.42	3.21 ng	66378	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	87
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	86
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	78
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	74
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	72





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Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

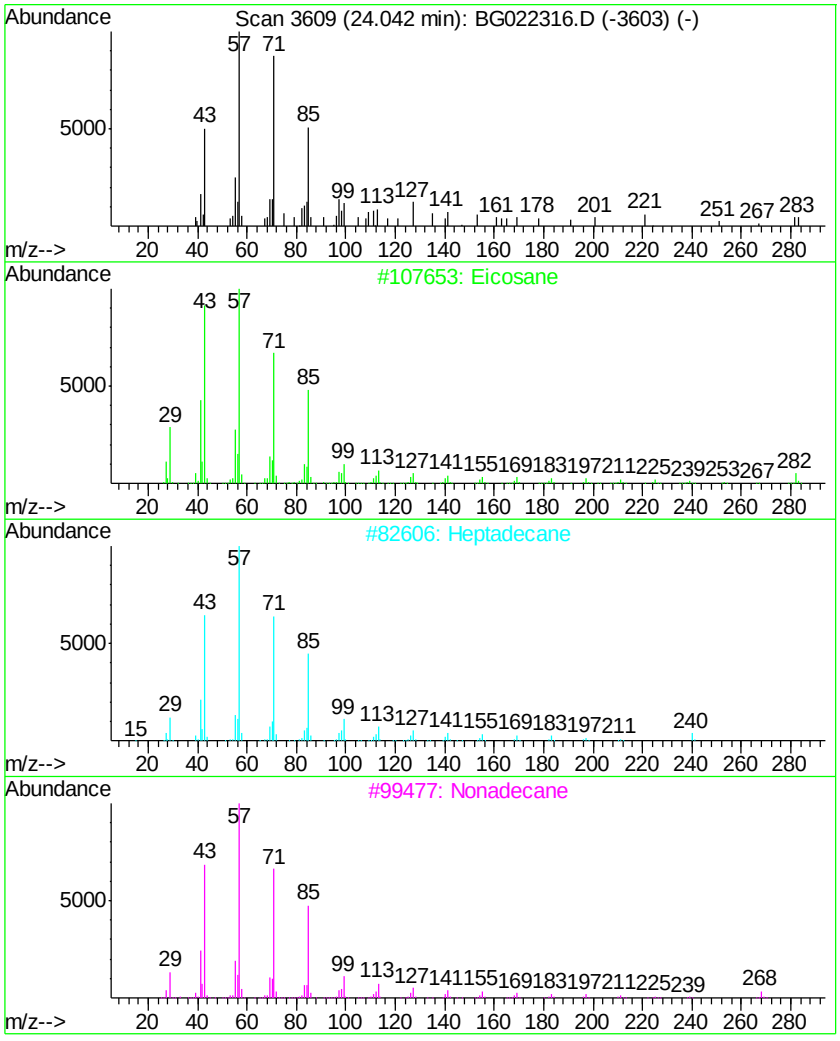
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

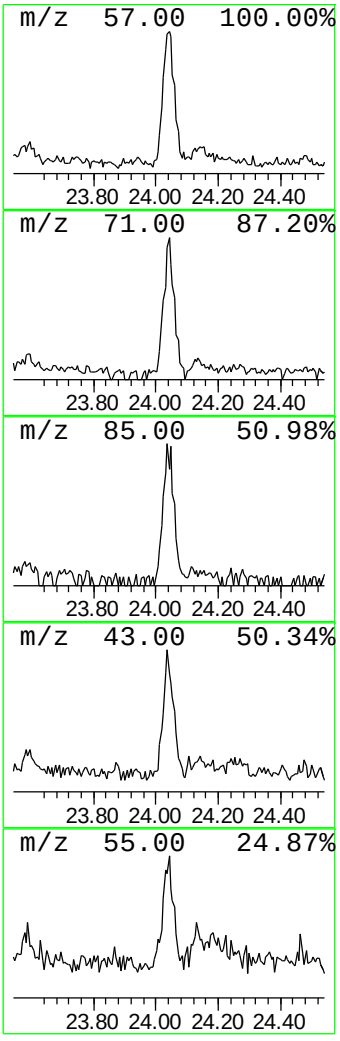
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	3.83 ng	79246	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptadecane	240	C17H36	000629-78-7	90
3	Nonadecane	268	C19H40	000629-92-5	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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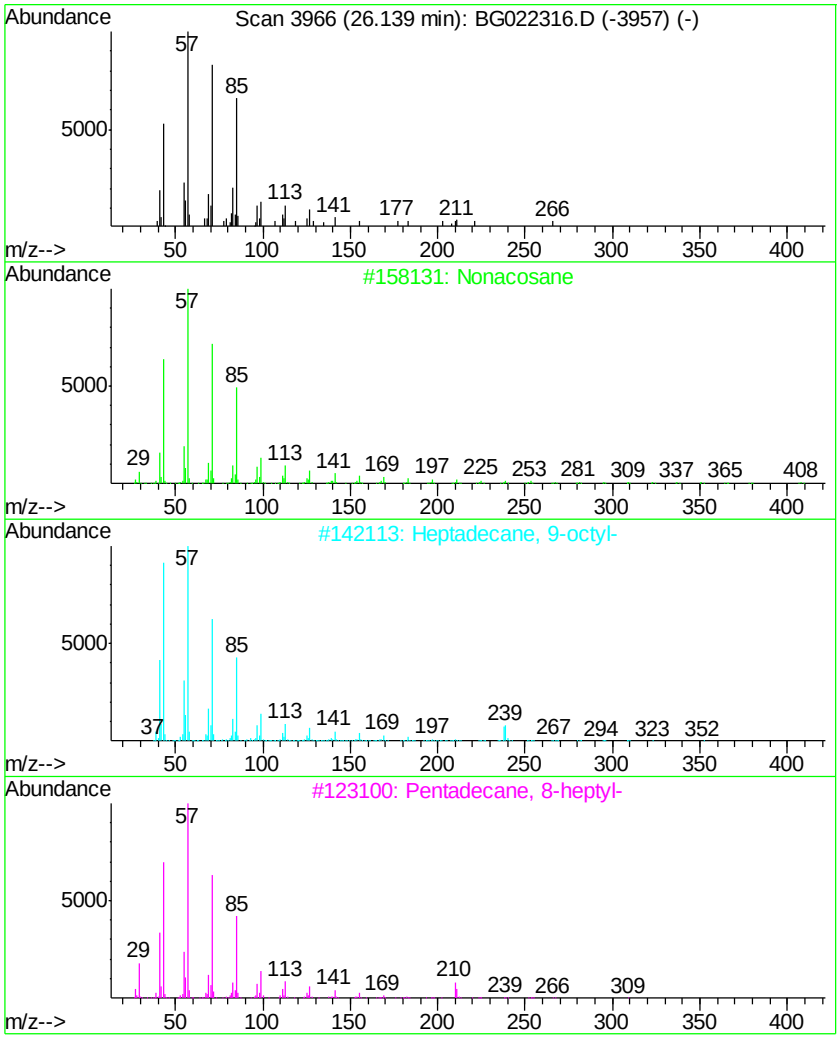
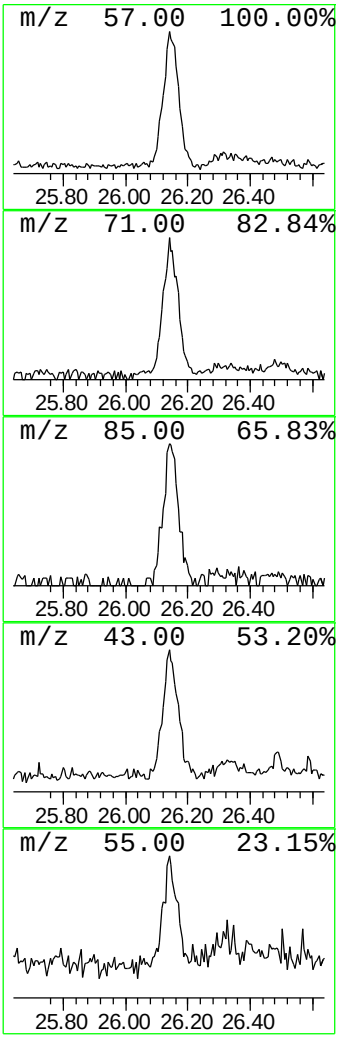
Peak Number 8 Nonacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.14	4.47 ng	92483	Perylene-d12	25.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	86
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Tetratetracontane	619	C44H90	007098-22-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022316.D
Acq On : 11 Jun 2016 10:37
Operator : UM/SJ
Sample : H3449-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 16-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
unknown2.97	2.97	11.0	ng	84792	1	8.10	153565	20.0
2-Pentanone, 4-hy...	5.17	5.3	ng	40639	1	8.10	153565	20.0
unknown7.64	7.64	99.5	ng	764101	1	8.10	153565	20.0
1-Nonadecanol	21.37	6.7	ng	161289	5	21.76	484420	20.0
Squalene	23.42	3.2	ng	66378	6	25.05	413679	20.0
Eicosane	24.04	3.8	ng	79246	6	25.05	413679	20.0
Nonacosane	26.14	4.5	ng	92483	6	25.05	413679	20.0