LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041697.D
Acq On : 17 Jul 2019 21:00
Operator : HP/JU
Sample : K3835-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-12)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.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	3.199	14	19	36	rVB	343072	642880	10.59%	1.736%
2	5.608	421	429	440	rBV	1645886	2641231	43.50%	7.133%
3	7.201	691	700	716	rBV	1693056	2971694	48.95%	8.025%
4	7.577	756	764	773	rBV	1672237	2861356	47.13%	7.727%
5	8.047	835	844	851	rBV	348411	591331	9.74%	1.597%
6	8.370	890	899	909	rBV	1241651	2174809	35.82%	5.873%
7	9.204	1033	1041	1051	rBV	1008890	1786281	29.42%	4.824%
8	10.855	1314	1322	1331	rVB	446194	819320	13.49%	2.213%
9	13.293	1729	1737	1750	rBV	2446755	3855231	63.50%	10.412%
10	14.110	1870	1876	1889	rBV	425377	639651	10.54%	1.727%
11	14.662	1959	1970	1980	rBV2	675220	1130688	18.62%	3.054%
12	16.143	2215	2222	2239	rBV	2212916	3447234	56.78%	9.310%
13	17.400	2429	2436	2443	rBV2	976363	1534800	25.28%	4.145%
14	20.003	2873	2879	2888	rBV	4485993	6071289	100.00%	16.396%
15	21.325	3099	3104	3133	rBV4	119540	576328	9.49%	1.556%
16	21.648	3153	3159	3171	rVB	1157681	1857560	30.60%	5.017%
17	21.872	3193	3197	3202	rVB	51798	69308	1.14%	0.187%
18	22.483	3296	3301	3309	rBV	100731	181488	2.99%	0.490%
19	23.182	3414	3420	3429	rVB	148785	281223	4.63%	0.759%
20	23.993	3551	3558	3568	rVB	158260	347692	5.73%	0.939%
21	24.845	3692	3703	3713	rBV	691211	1904238	31.36%	5.143%
22	24.950	3714	3721	3733	rVB3	133721	371343	6.12%	1.003%
23	26.096	3908	3916	3926	rVB3	87784	271385	4.47%	0.733%

Sum of corrected areas: 37028360

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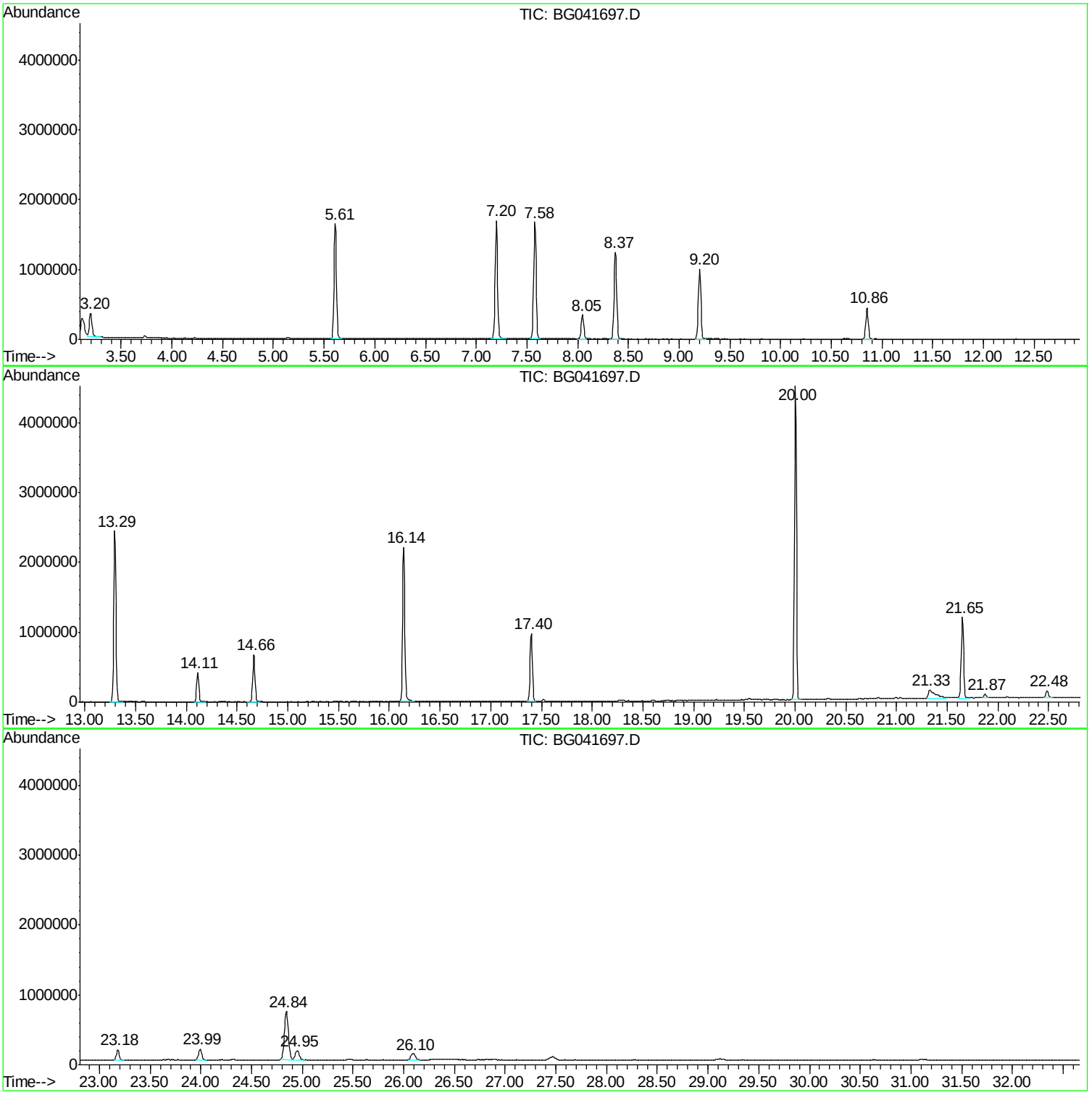
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-2(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041697.D
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Operator : HP/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : SB-2(10-12)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

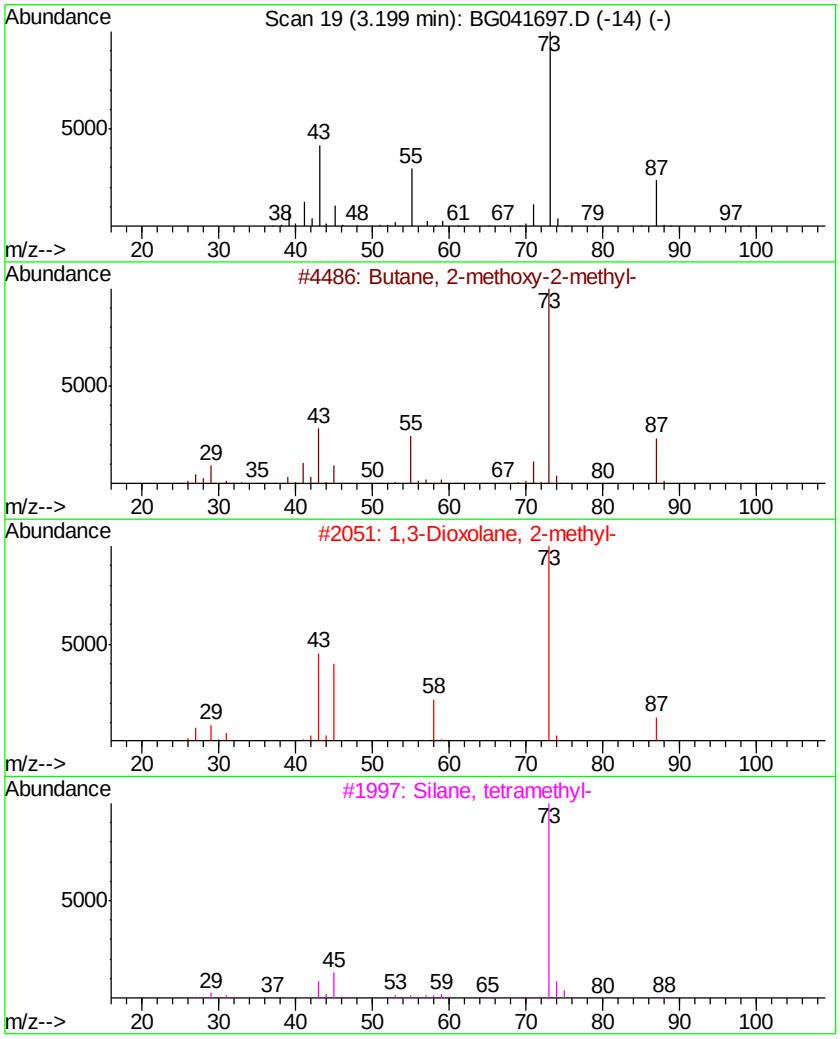
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

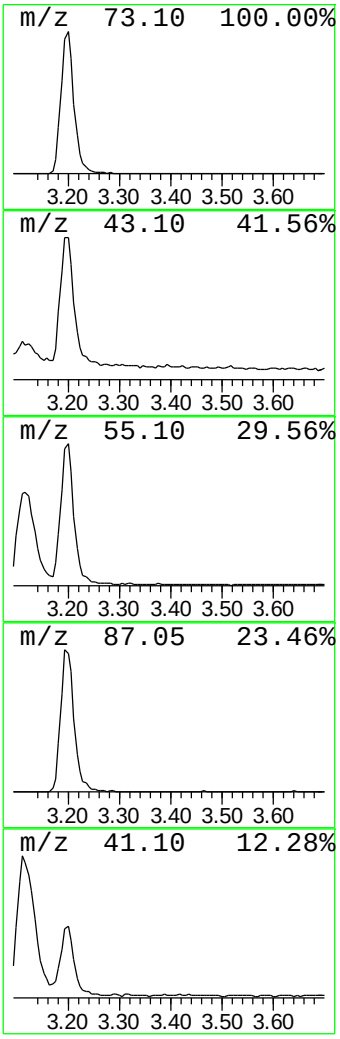
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.20	21.74 ng	642880	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Acq On : 17 Jul 2019 21:00
Operator : HP/JU
Sample : K3835-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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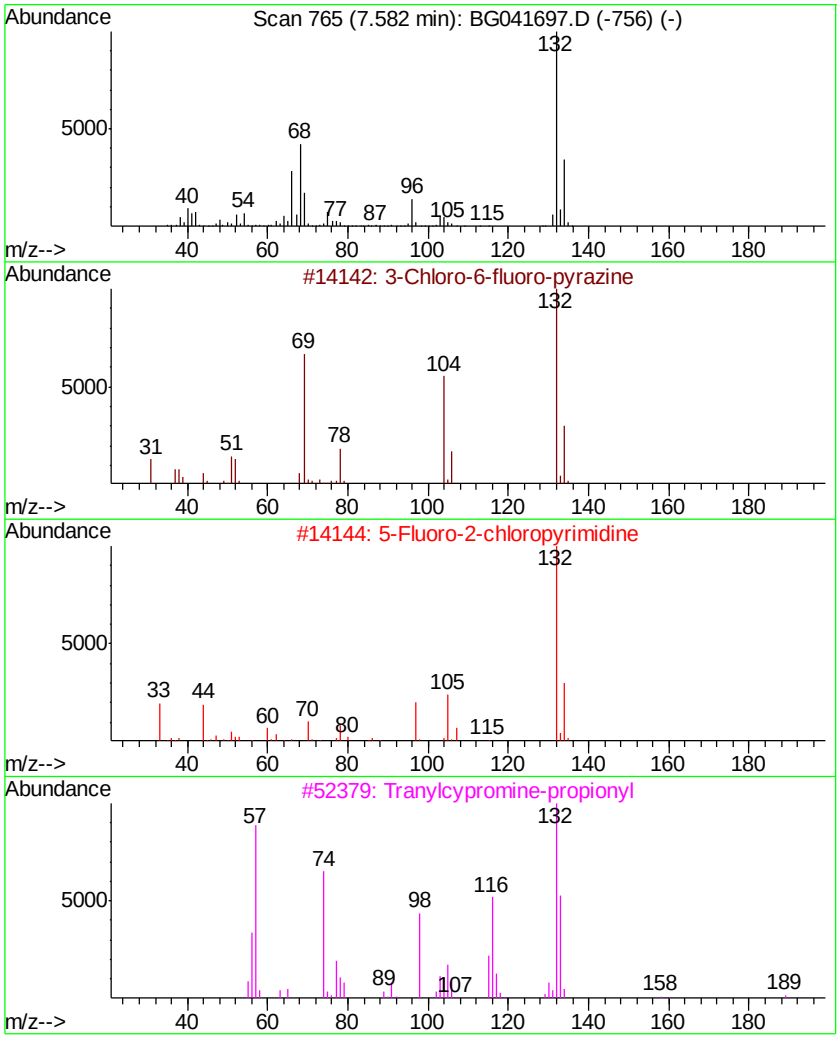
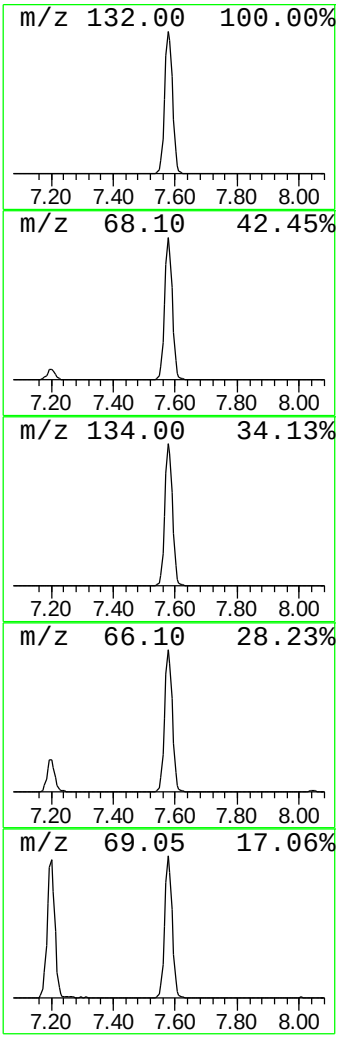
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	96.78 ng	2861360	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041697.D
Acq On : 17 Jul 2019 21:00
Operator : HP/JU
Sample : K3835-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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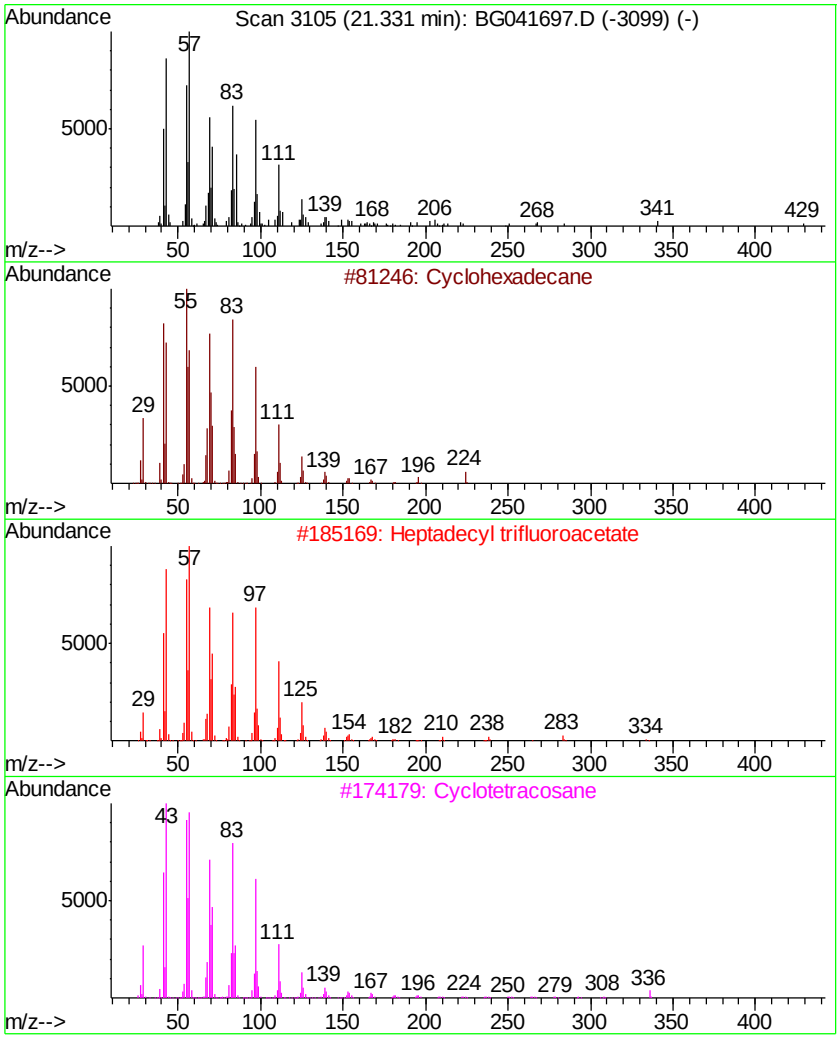
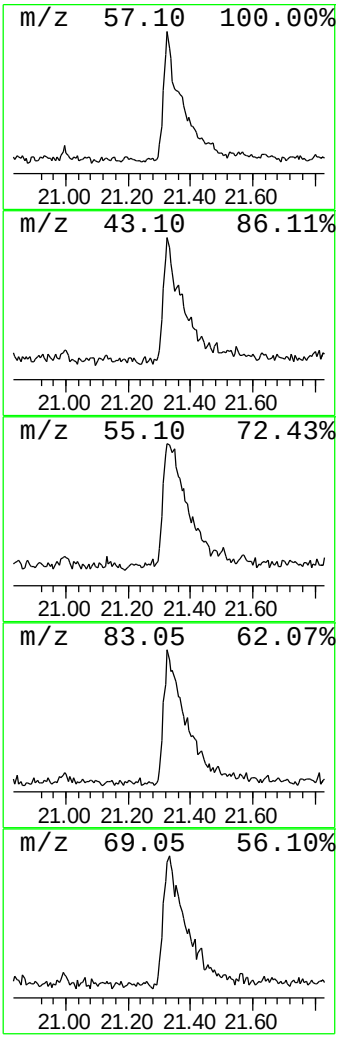
Peak Number 4 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	6.21 ng	576328	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041697.D
Acq On : 17 Jul 2019 21:00
Operator : HP/JU
Sample : K3835-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

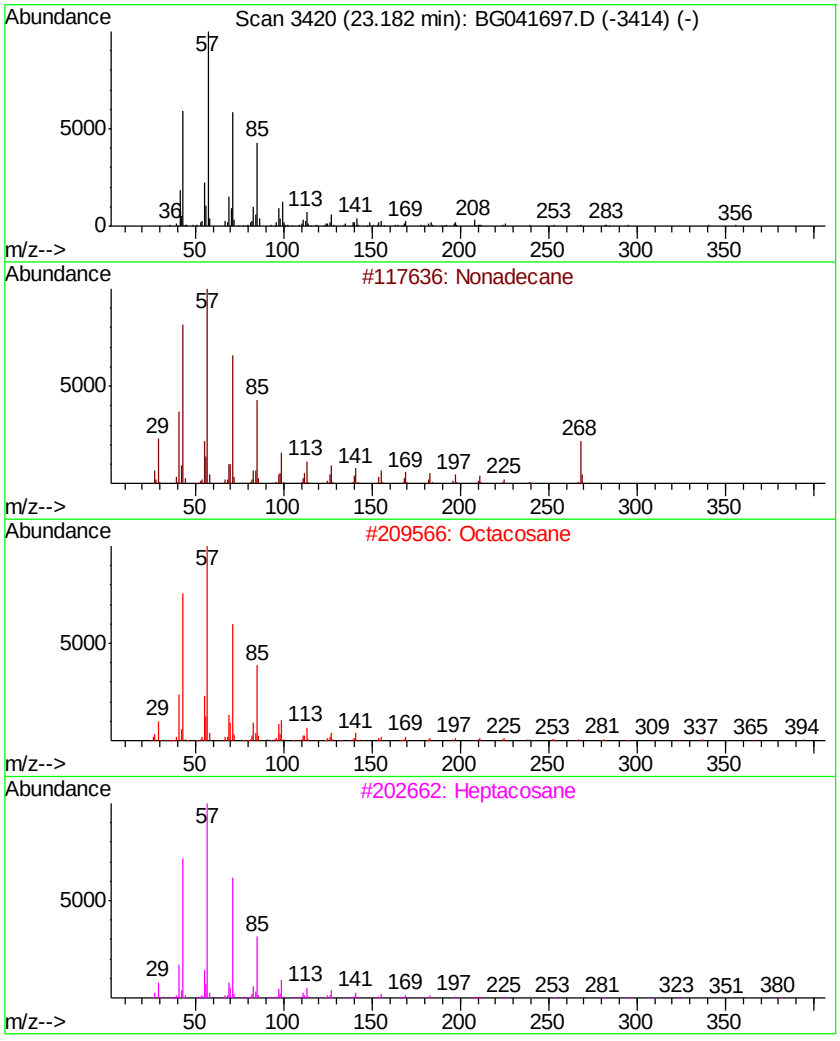
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

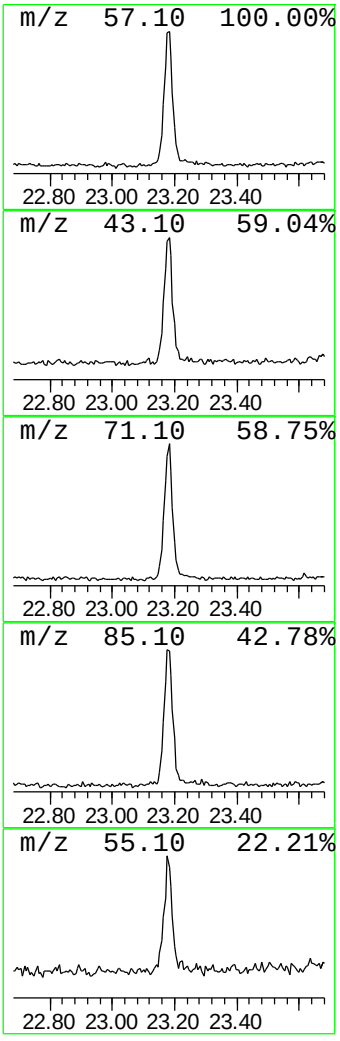
****

Peak Number 5 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.03 ng	281223	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	92
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Hexacosane	366	C26H54	000630-01-3	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041697.D
Acq On : 17 Jul 2019 21:00
Operator : HP/JU
Sample : K3835-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
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TIC Library : C:\Database\NIST11.L
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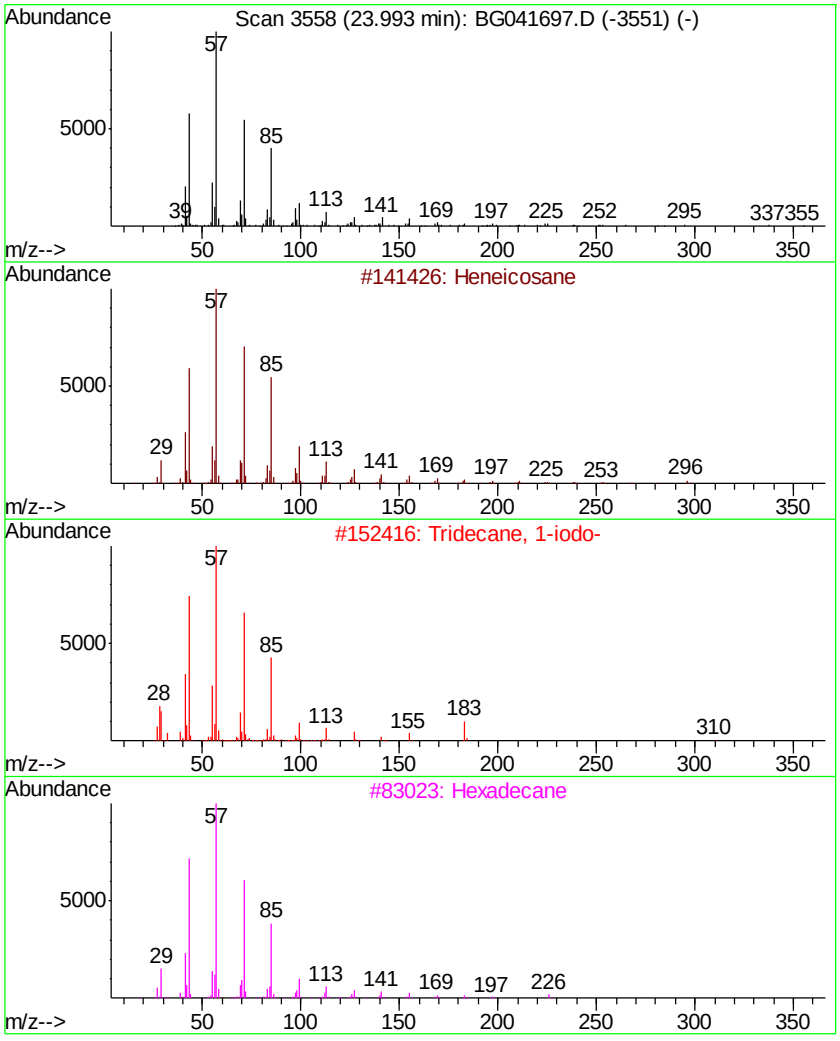
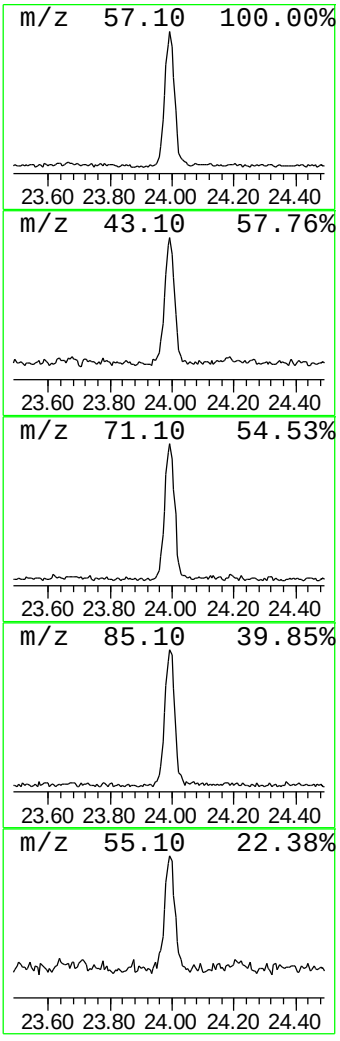
****

Peak Number 6 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.65 ng	347692	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

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Sample : K3835-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2(10-12)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

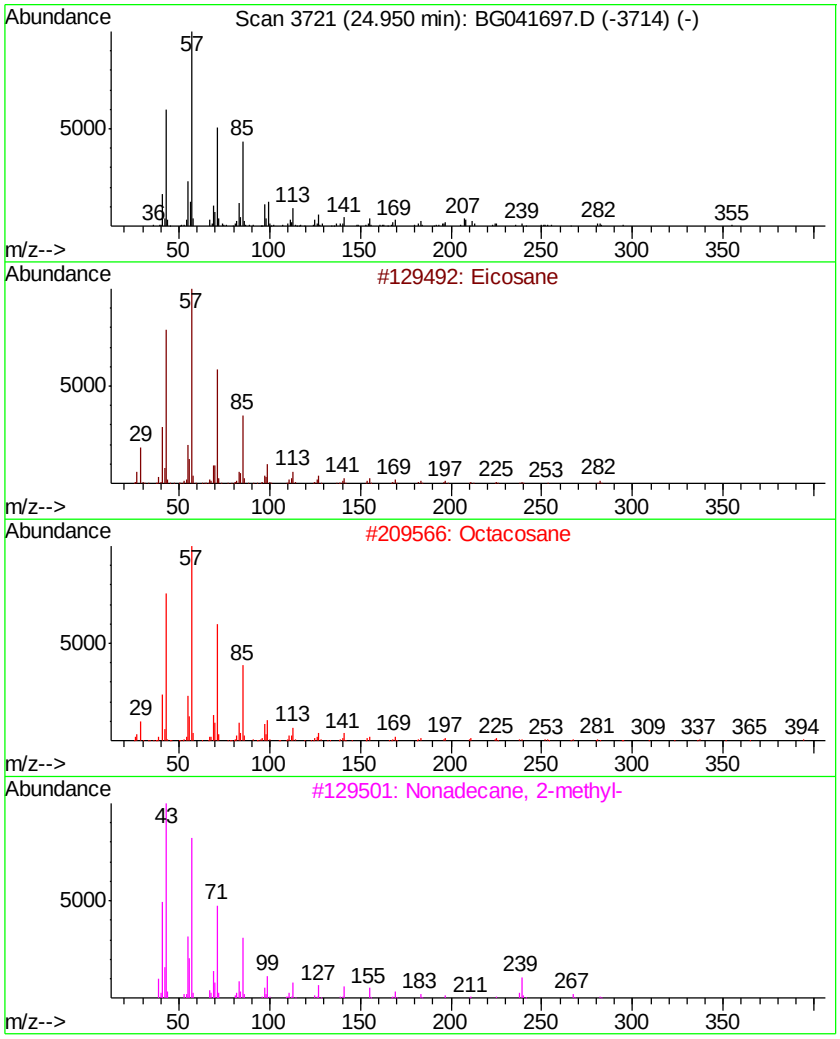
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

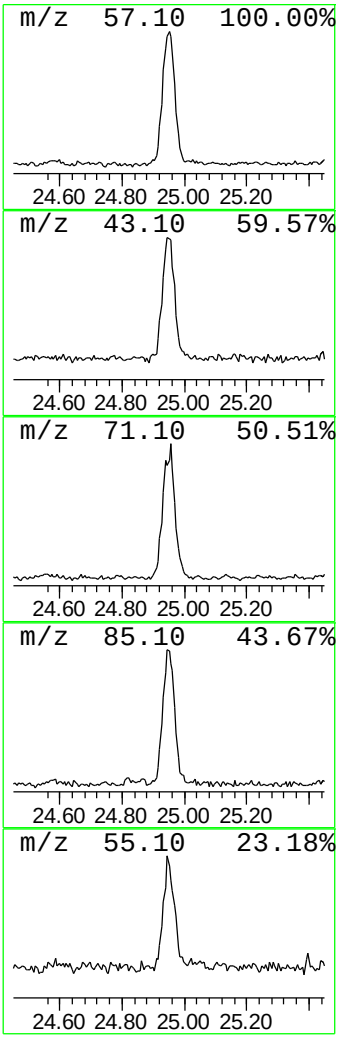
****

Peak Number 7 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	3.90 ng	371343	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Octacosane	394	C28H58	000630-02-4	90
3	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Docosane	310	C22H46	000629-97-0	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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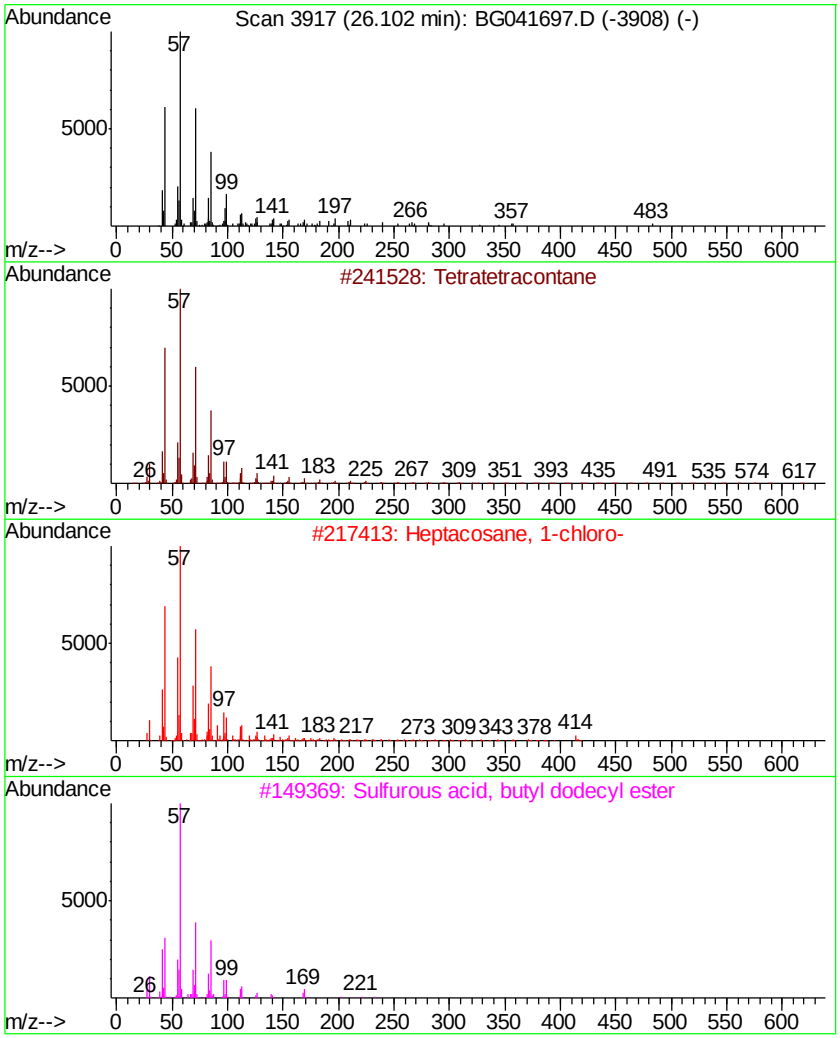
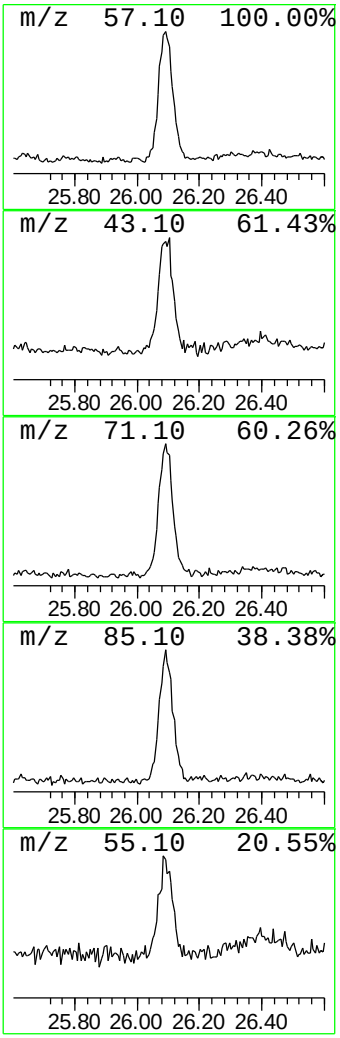
Peak Number 8 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.85 ng	271385	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	87
3	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.20	21.7	ng	642880	1	8.05	591331	20.0
unknown7.58	7.58	96.8	ng	2861360	1	8.05	591331	20.0
Cyclohexadecane	21.33	6.2	ng	576328	5	21.65	1857560	20.0
Nonadecane	23.18	3.0	ng	281223	5	21.65	1857560	20.0
Heneicosane	23.99	3.6	ng	347692	6	24.84	1904240	20.0
Eicosane	24.95	3.9	ng	371343	6	24.84	1904240	20.0
Tetratetracontane	26.10	2.9	ng	271385	6	24.84	1904240	20.0