LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.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	3.193	13	18	27	rVB	45412	88691	2.21%	0.432%
2	5.602	422	428	440	rBV	573743	925905	23.09%	4.510%
3	7.200	692	700	715	rBV	422500	728220	18.16%	3.547%
4	7.576	757	764	775	rBV	898689	1559186	38.88%	7.595%
5	8.046	837	844	857	rVB	235434	404501	10.09%	1.970%
6	8.369	891	899	911	rBV	765528	1329192	33.14%	6.475%
7	9.221	1036	1044	1056	rBV	609643	1125573	28.07%	5.483%
8	10.860	1313	1323	1334	rBV	288643	548741	13.68%	2.673%
9	13.299	1730	1738	1752	rBV	1621229	2518648	62.80%	12.268%
10	13.540	1771	1779	1787	rVB3	23969	40768	1.02%	0.199%
11	14.679	1963	1973	1986	rBV2	449332	770045	19.20%	3.751%
12	16.166	2219	2226	2241	rBV	1223941	1927102	48.05%	9.387%
13	17.423	2433	2440	2450	rBV2	598288	950610	23.70%	4.630%
14	20.020	2876	2882	2888	rBV	3029542	4010468	100.00%	19.535%
15	21.295	3094	3099	3105	rBV3	26301	41608	1.04%	0.203%
16	21.695	3160	3167	3174	rBV2	724682	1236695	30.84%	6.024%
17	21.836	3187	3191	3197	rVB2	36039	51700	1.29%	0.252%
18	22.447	3289	3295	3302	rBV	57850	98146	2.45%	0.478%
19	23.140	3407	3413	3420	rVB3	83980	155514	3.88%	0.758%
20	23.945	3543	3550	3561	rVB2	94693	206818	5.16%	1.007%
21	24.903	3703	3713	3716	rBV2	87845	214702	5.35%	1.046%
22	24.967	3716	3724	3737	rVB2	437794	1261246	31.45%	6.144%
23	26.043	3896	3907	3916	rBV3	63423	202307	5.04%	0.985%
24	27.400	4130	4138	4150	rVB6	37767	133068	3.32%	0.648%

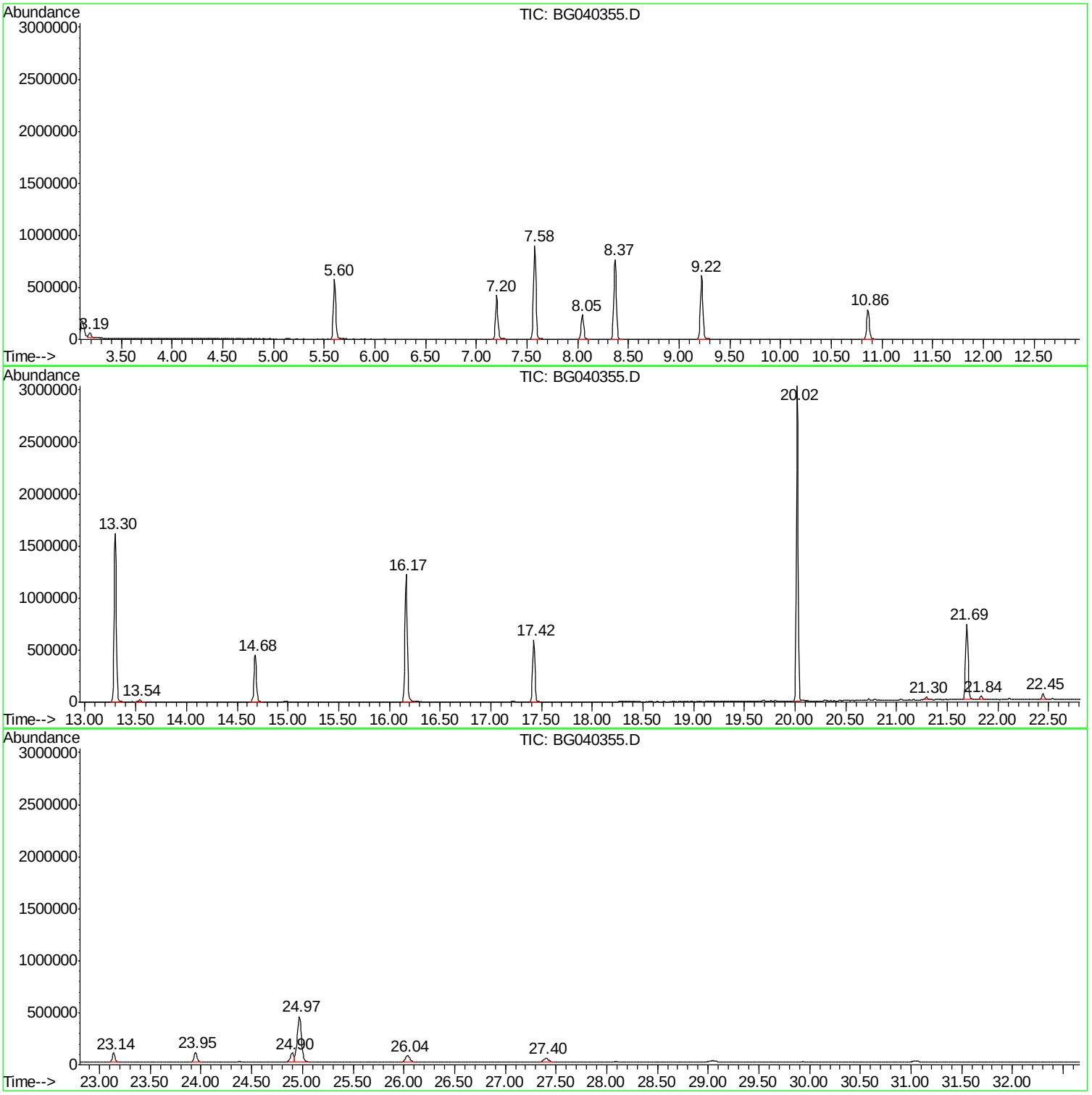
Sum of corrected areas: 20529454

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

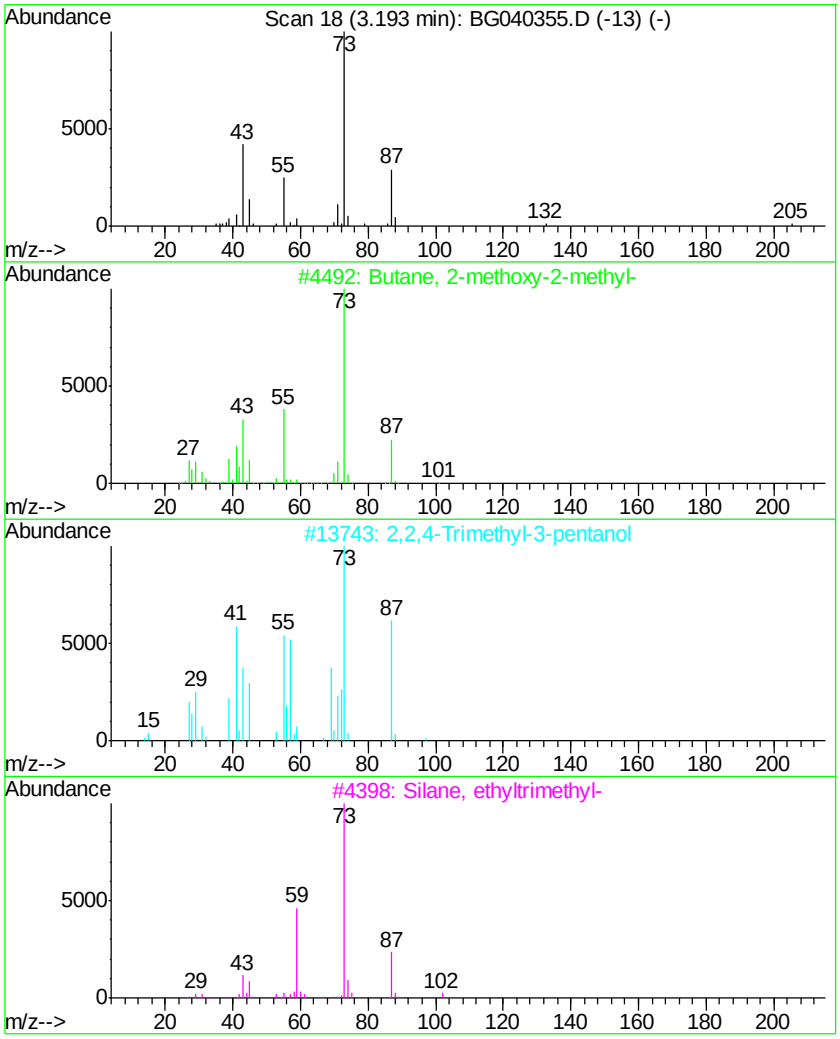
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

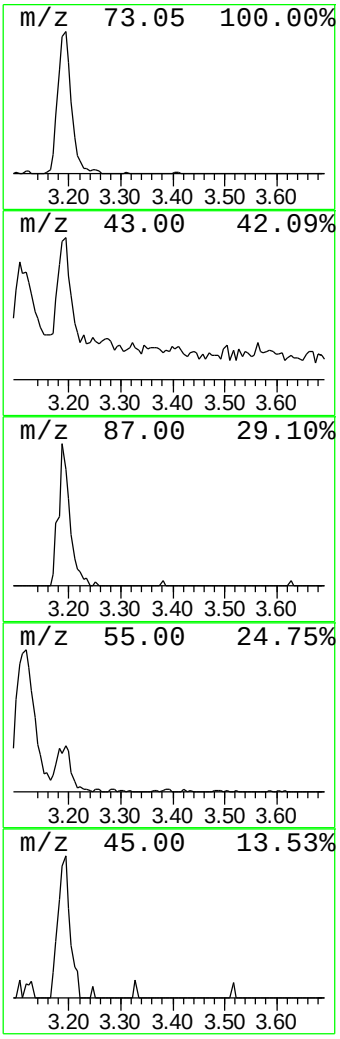
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	4.39 ng	88691	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	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	23
5	1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

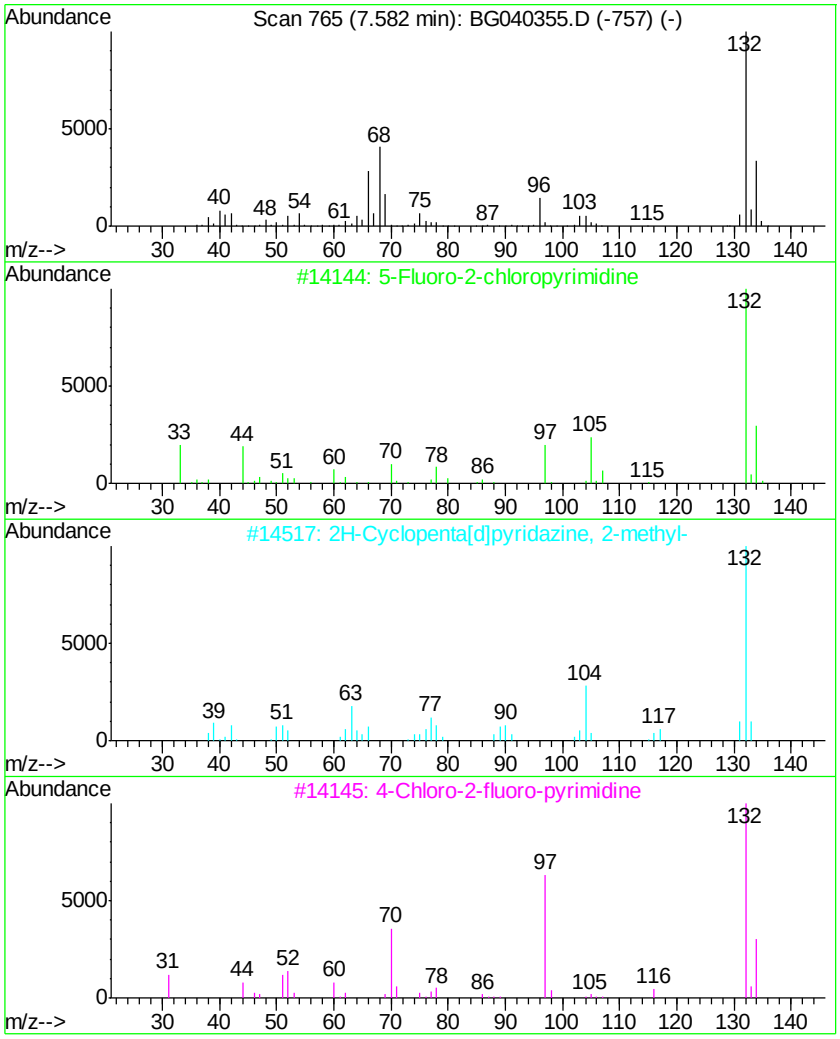
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

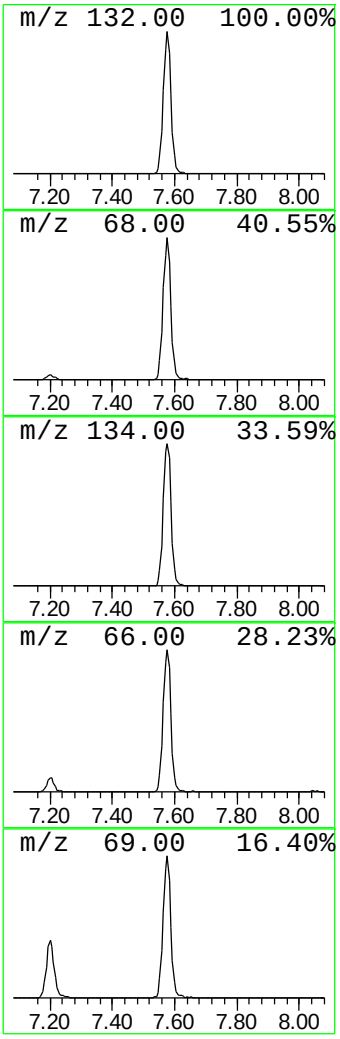
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	77.09 ng	1559190	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
2	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

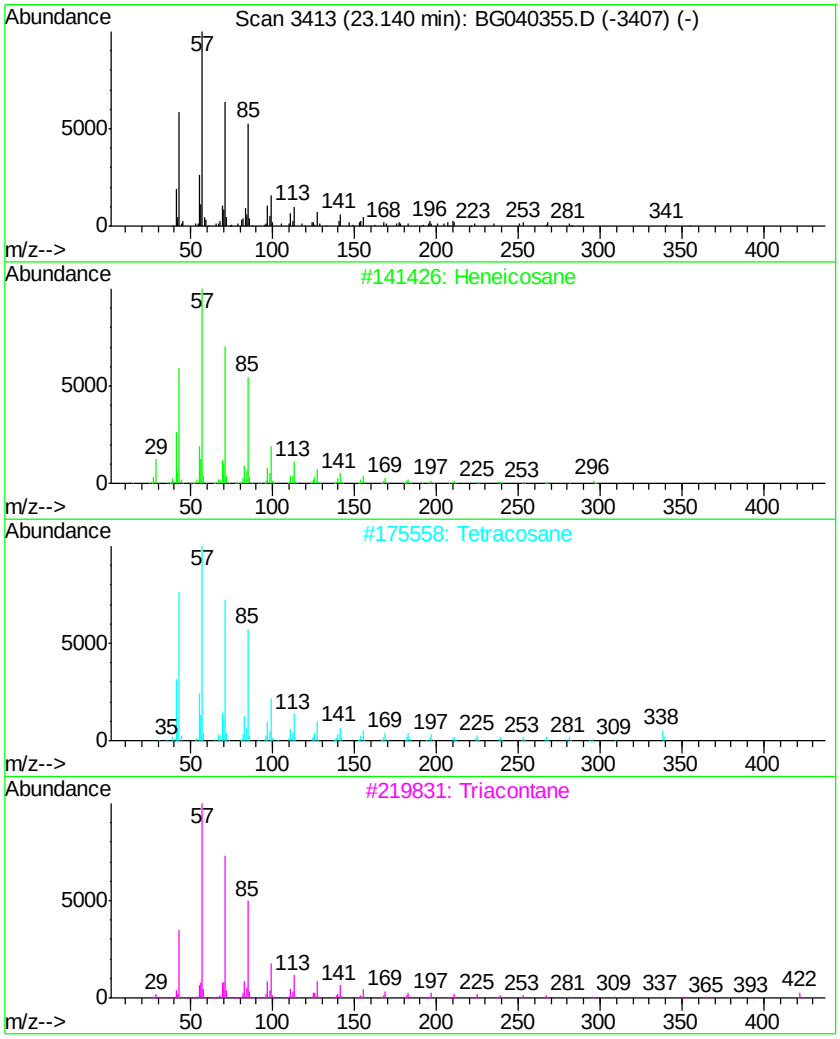
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

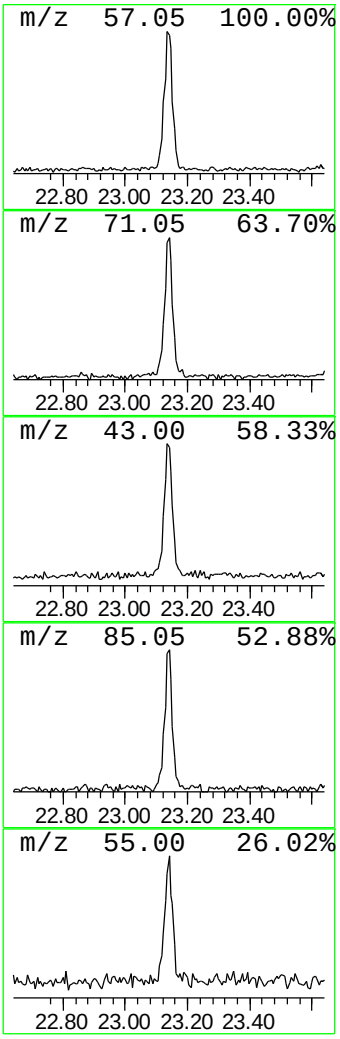
****

Peak Number 4 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.51 ng	155514	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Triacontane	422	C30H62	000638-68-6	87
4	Nonadecane	268	C19H40	000629-92-5	86
5	Eicosane	282	C20H42	000112-95-8	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

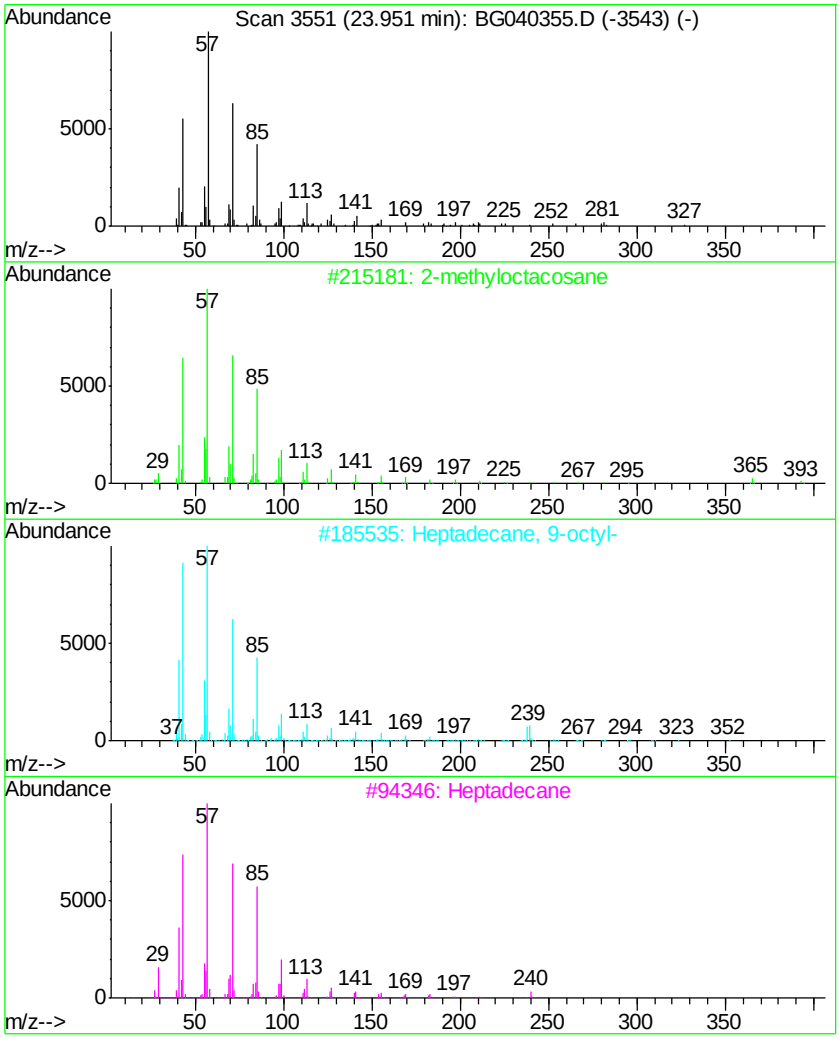
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

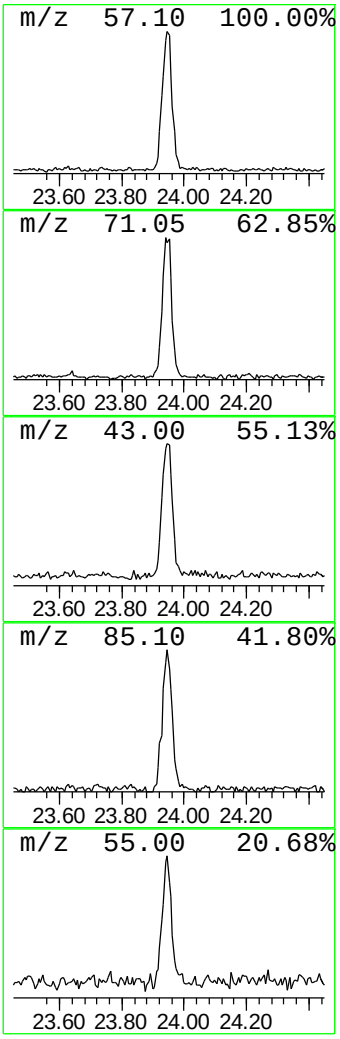
****

Peak Number 5 2-methyloctacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.95	3.28 ng	206818	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Heptadecane	240	C17H36	000629-78-7	87
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tetracosane	338	C24H50	000646-31-1	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

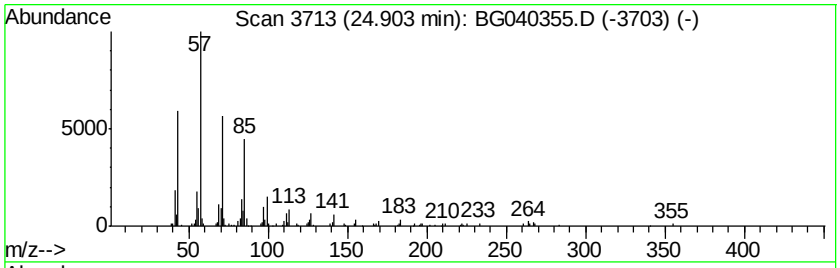
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

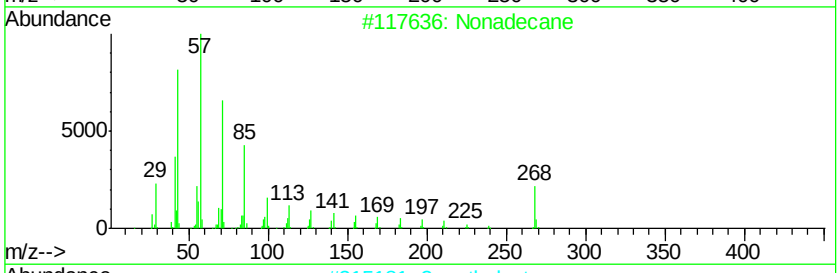
****

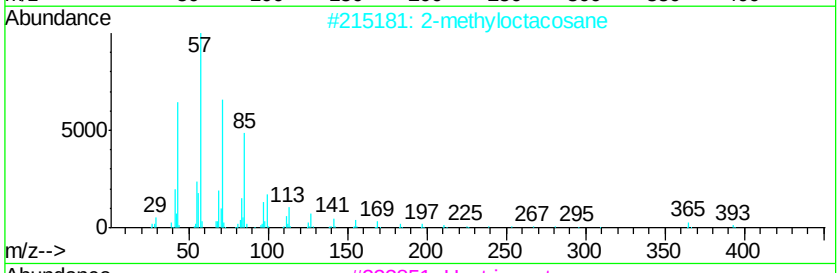
Peak Number 6 Nonadecane Concentration Rank 4

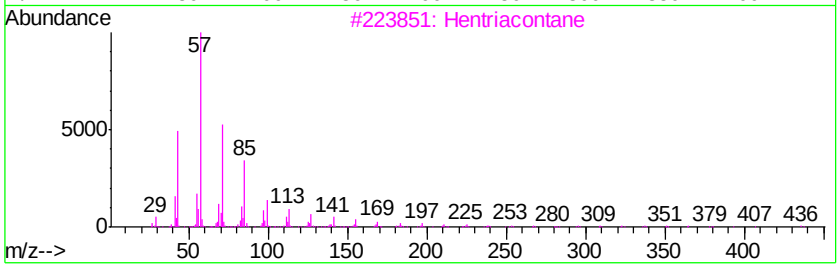
R.T.	EstConc	Area	Relative to ISTD	R.T.
24.90	3.40 ng	214702	Perylene-d12	24.97

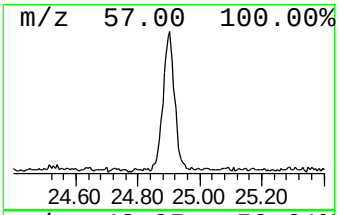
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Docosane	310	C22H46	000629-97-0	83
5	Tetratetracontane	619	C44H90	007098-22-8	76

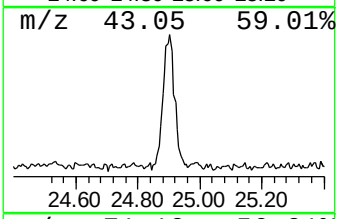


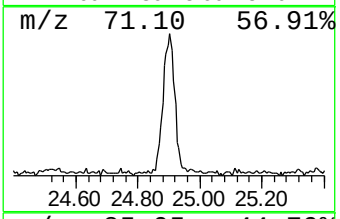


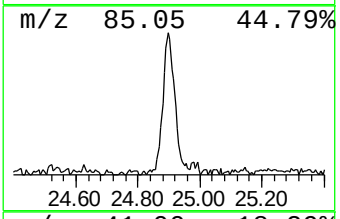


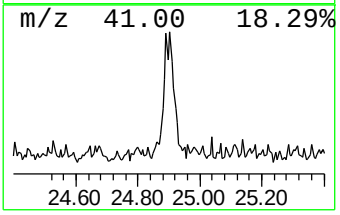












Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

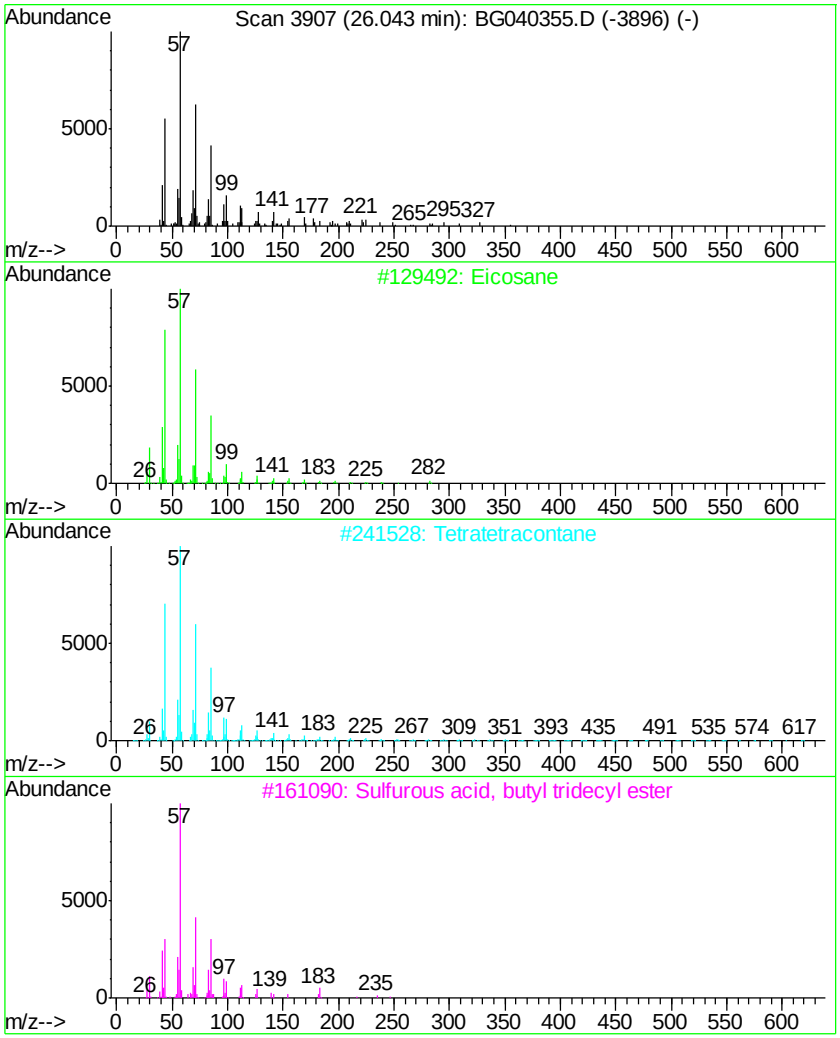
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

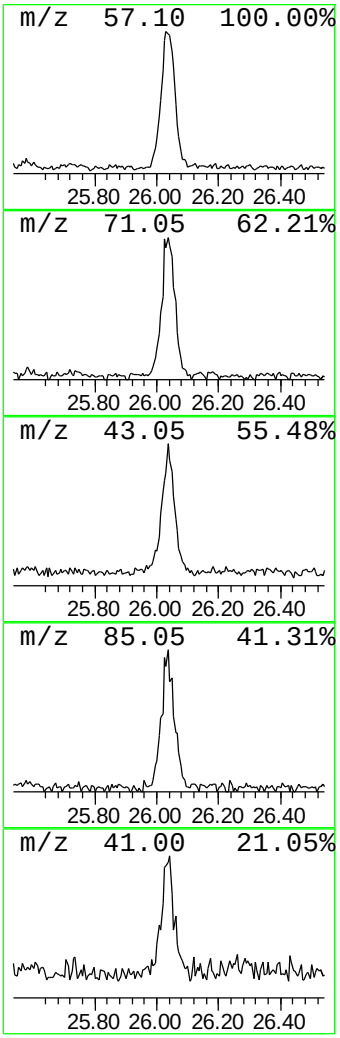
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	3.21 ng	202307	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Hentriacontane	437	C31H64	000630-04-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

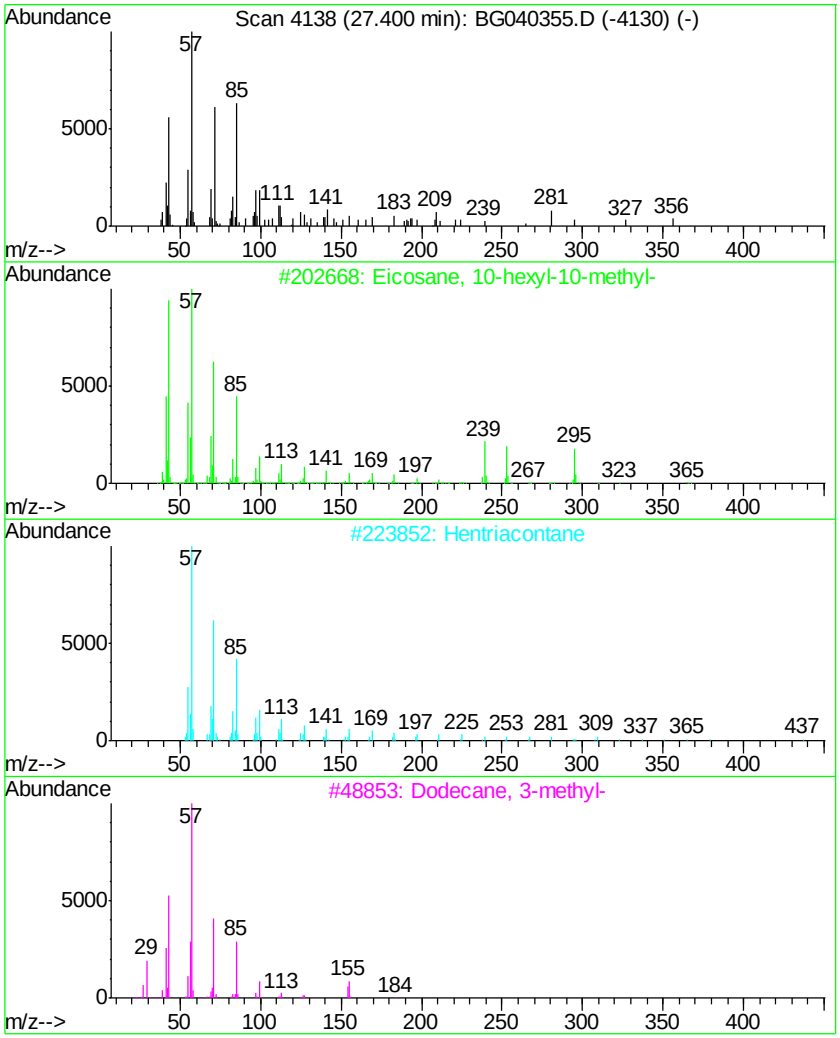
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

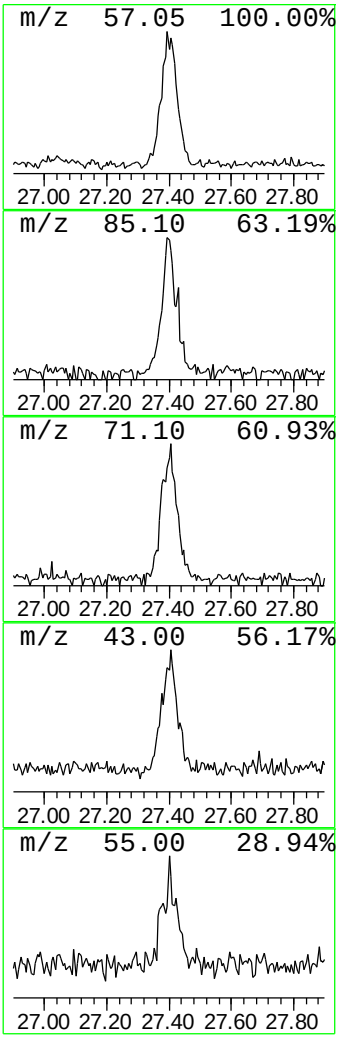
****

Peak Number 8 Eicosane, 10-hexyl-10-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.40	2.11 ng	133068	Perylene-d12	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-hexyl-10-methyl-	380	C27H56	055282-32-1	59
2	Hentriacontane	437	C31H64	000630-04-6	53
3	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	50
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040319\
Data File : BG040355.D
Acq On : 4 Apr 2019 11:15
Operator : JU/SJ
Sample : K2210-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WE-2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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...	3.19	4.4	ng	88691	1	8.05	404501	20.0
unknown7.58	7.58	77.1	ng	1559190	1	8.05	404501	20.0
Heneicosane	23.14	2.5	ng	155514	5	21.69	1236700	20.0
2-methyloctacosane	23.95	3.3	ng	206818	6	24.97	1261250	20.0
Nonadecane	24.90	3.4	ng	214702	6	24.97	1261250	20.0
Eicosane	26.04	3.2	ng	202307	6	24.97	1261250	20.0
Eicosane, 10-hexy...	27.40	2.1	ng	133068	6	24.97	1261250	20.0