LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

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-BG030419.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	3.196	13	18	26	rBV	266519	485207	15.52%	2.873%
2	3.267	26	30	48	rVB	462484	731745	23.41%	4.333%
3	5.687	435	442	451	rBV	386104	607035	19.42%	3.595%
4	7.290	707	715	725	rBV	242326	452943	14.49%	2.682%
5	7.672	772	780	792	rBV	692653	1191286	38.11%	7.054%
6	8.142	854	860	872	rVB	153841	267062	8.54%	1.581%
7	8.465	906	915	924	rVB	631343	1128751	36.11%	6.684%
8	9.323	1053	1061	1069	rBV	566143	1021317	32.67%	6.048%
9	10.962	1333	1340	1348	rBV	210814	379582	12.14%	2.248%
10	13.394	1745	1754	1761	rBV	1550162	2398354	76.73%	14.202%
11	14.769	1982	1988	1996	rBV2	333841	544730	17.43%	3.226%
12	16.255	2234	2241	2250	rBV	1074167	1695057	54.23%	10.038%
13	17.512	2449	2455	2464	rBV	409054	652179	20.86%	3.862%
14	18.370	2596	2601	2608	rBV2	68918	118624	3.80%	0.702%
15	19.627	2812	2815	2824	rBV4	43548	84544	2.70%	0.501%
16	20.108	2891	2897	2903	rBV	2387139	3125774	100.00%	18.510%
17	21.800	3179	3185	3193	rVB2	411457	714088	22.85%	4.229%
18	21.941	3206	3209	3214	rVB3	21613	33317	1.07%	0.197%
19	22.564	3311	3315	3322	rVB2	31085	55511	1.78%	0.329%
20	23.281	3431	3437	3445	rVB	51341	100398	3.21%	0.595%
21	24.115	3573	3579	3587	rVB2	56304	123105	3.94%	0.729%
22	25.096	3738	3746	3749	rBV2	51656	118303	3.78%	0.701%
23	25.166	3750	3758	3770	rVB2	225690	705615	22.57%	4.178%
24	26.271	3938	3946	3954	rVB4	37680	104974	3.36%	0.622%
25	27.680	4183	4186	4197	rVB5	18634	47483	1.52%	0.281%

Sum of corrected areas: 16886984

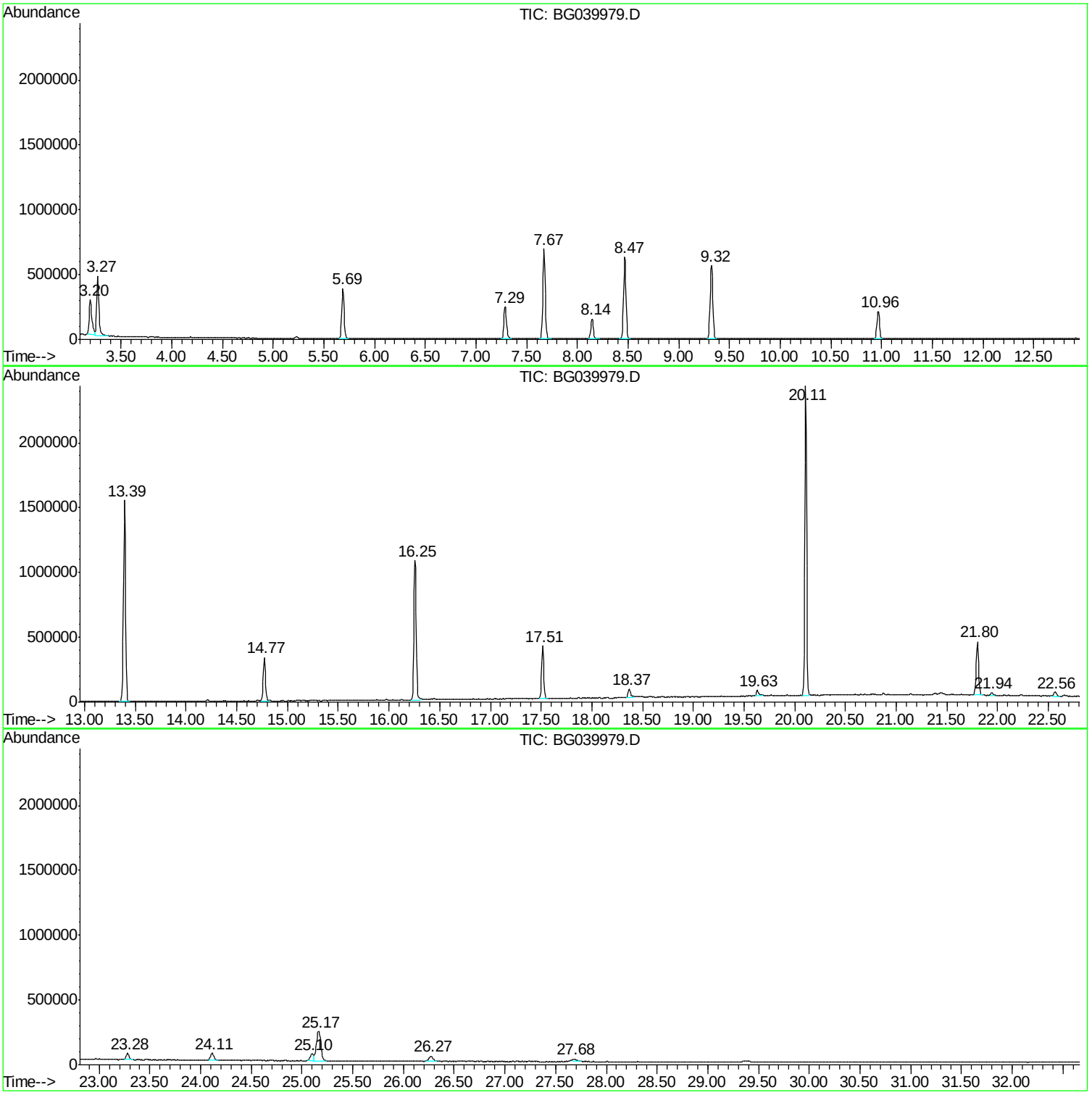
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

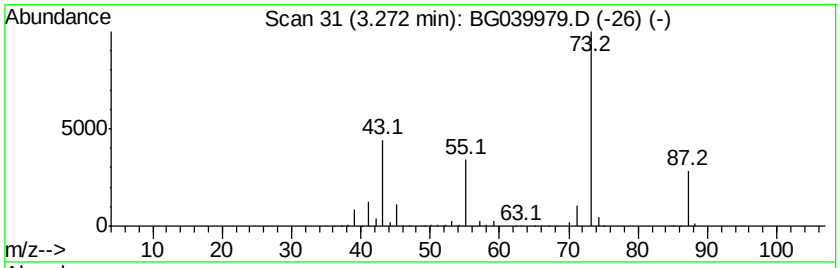
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

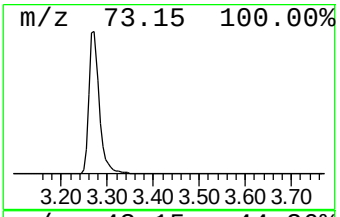
****

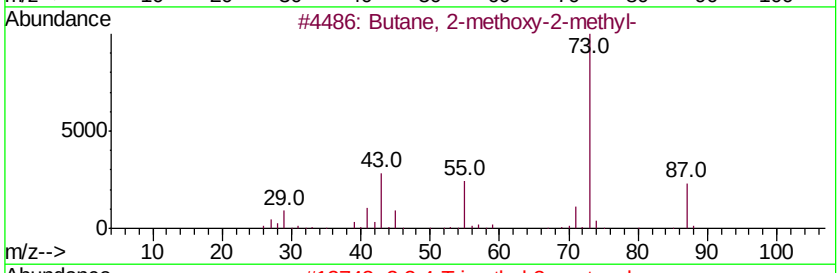
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

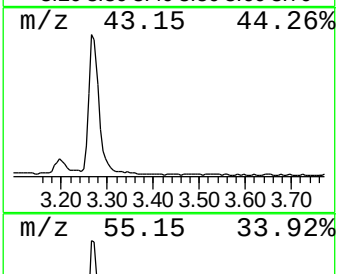
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	54.80 ng	731745	1,4-Dichlorobenzene-d4	8.14

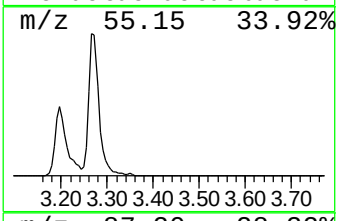
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9

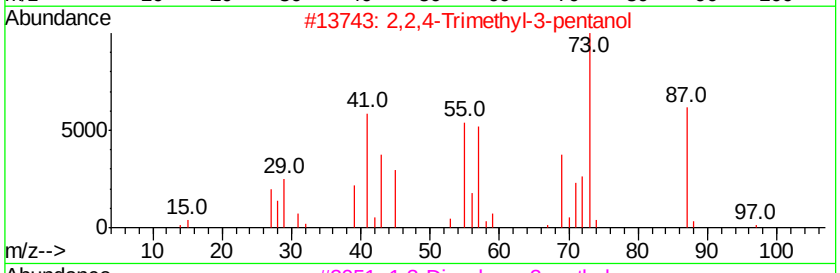


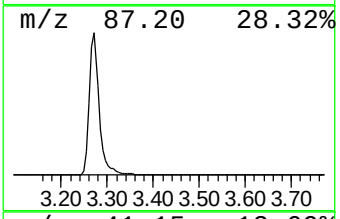


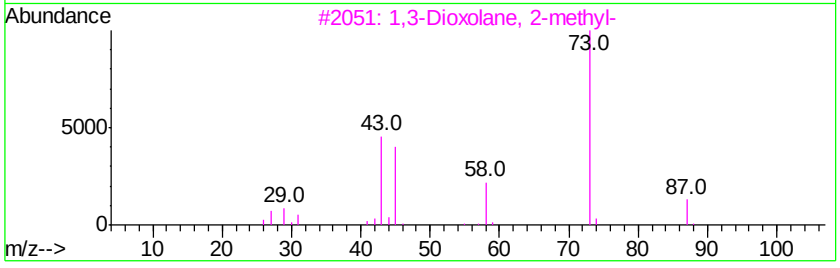


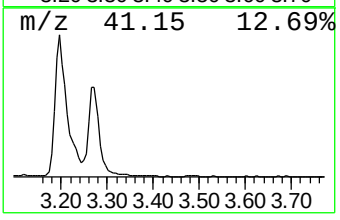












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

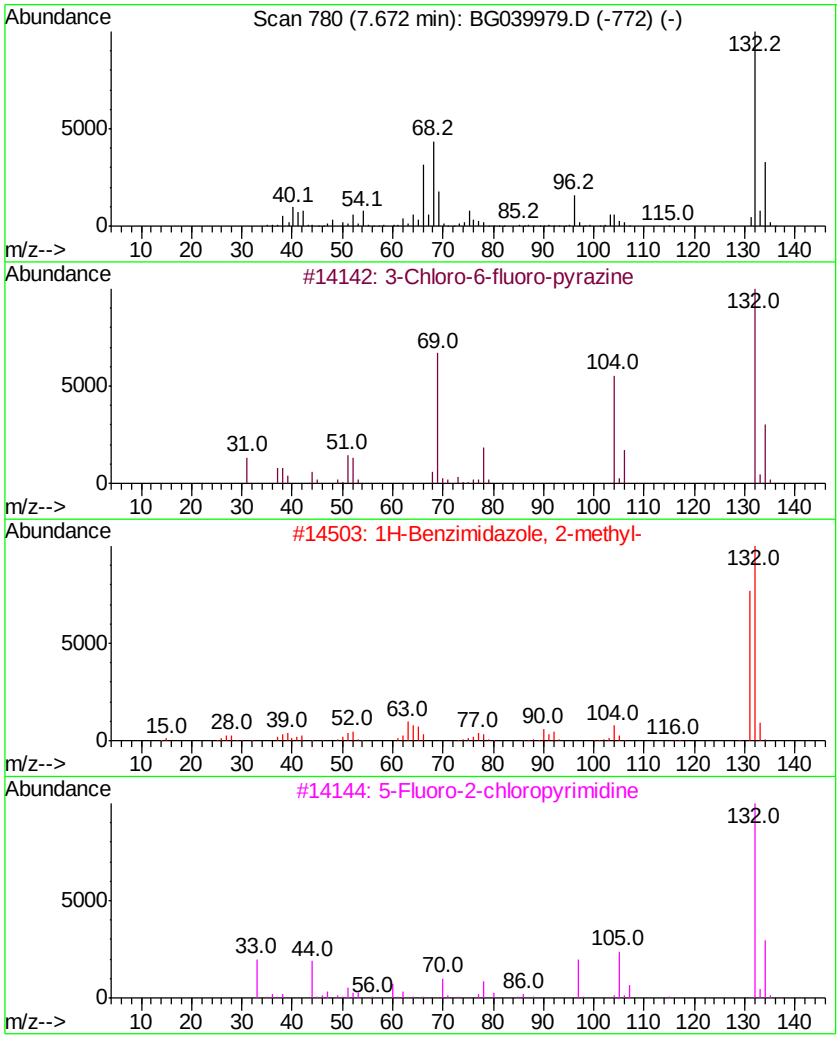
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

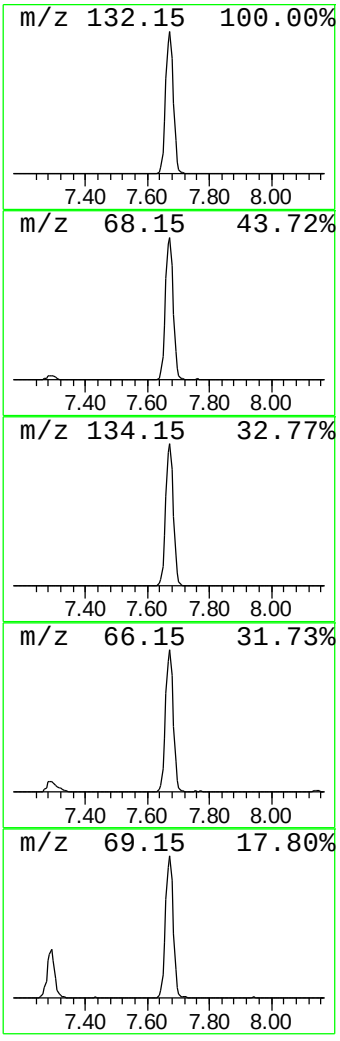
****

Peak Number 3 unknown7.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	89.21 ng	1191290	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

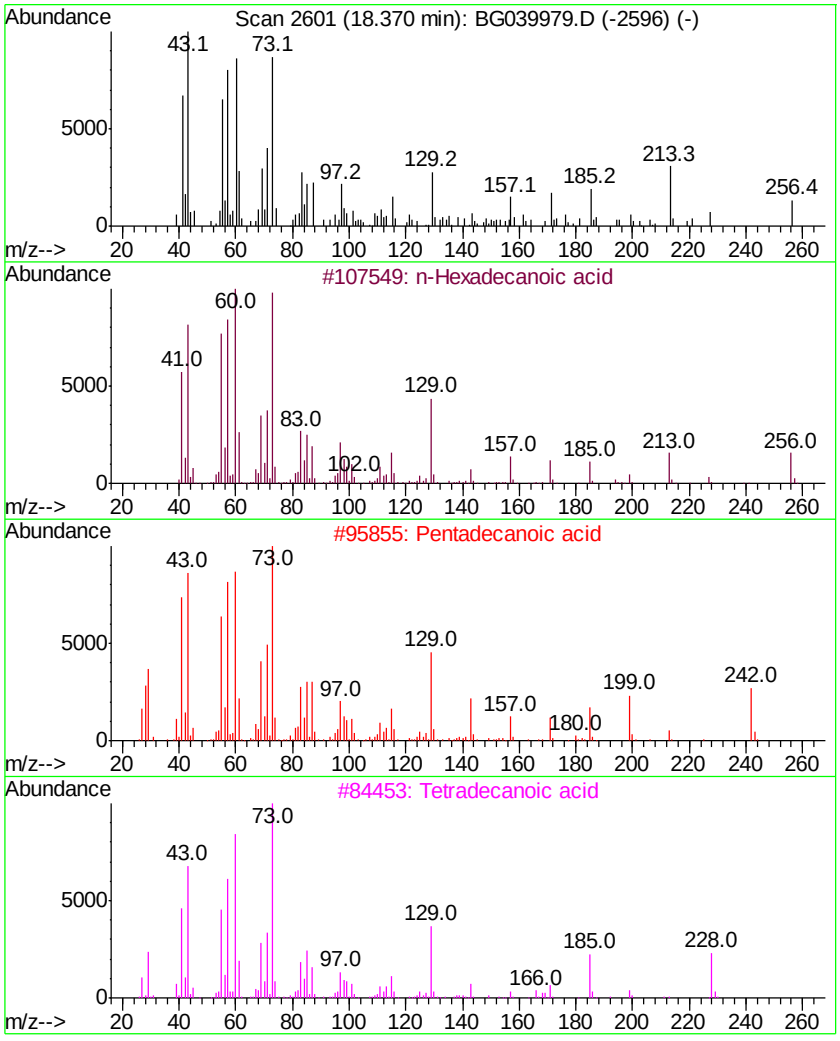
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

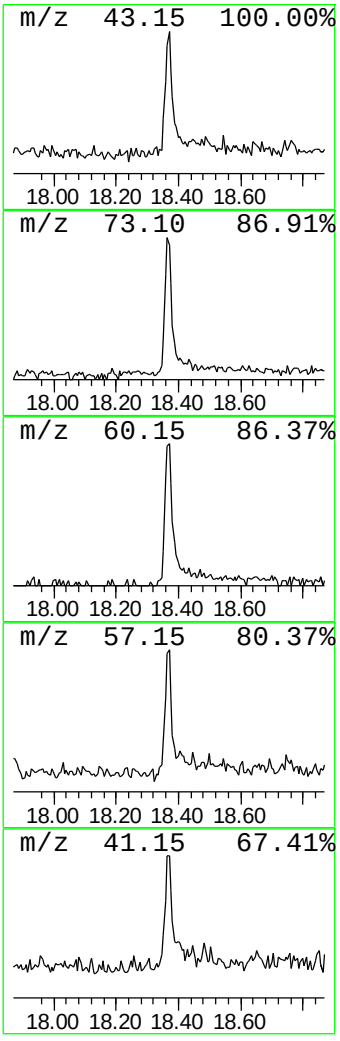
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	3.64 ng	118624	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	60
5	Undecanoic acid	186	C11H22O2	000112-37-8	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

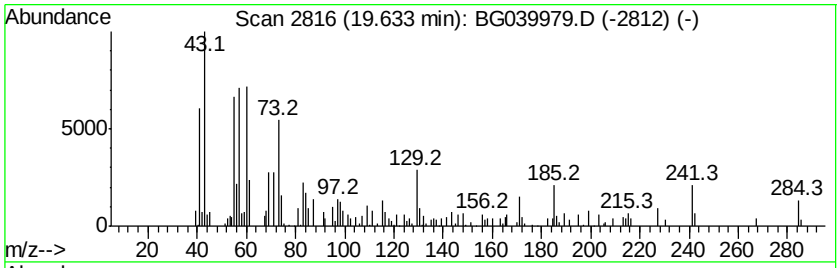
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

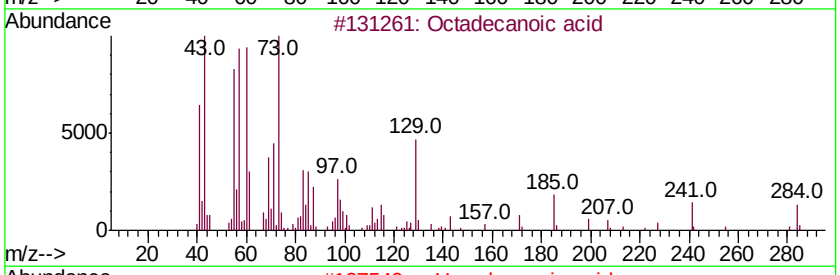
****

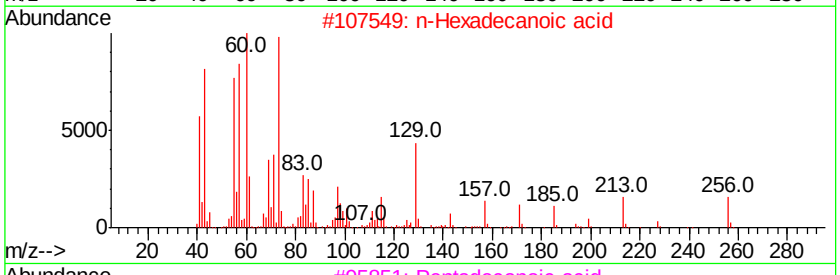
Peak Number 6 Octadecanoic acid Concentration Rank 10

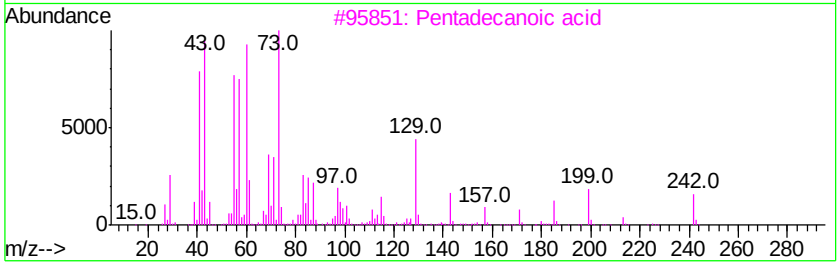
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.63	2.59 ng	84544	Phenanthrene-d10	17.51

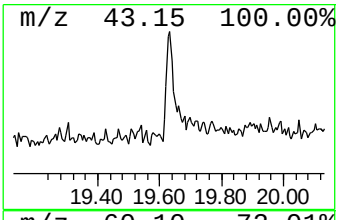
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58

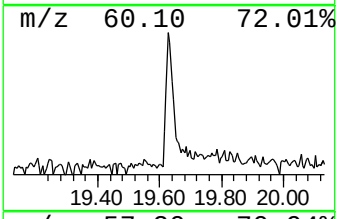


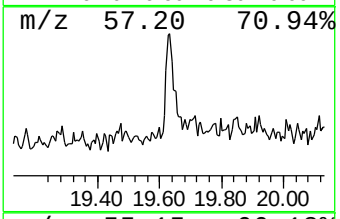


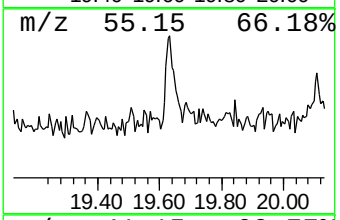


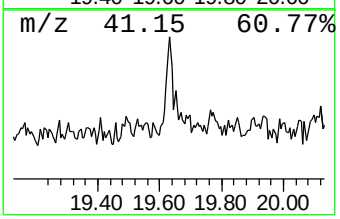












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

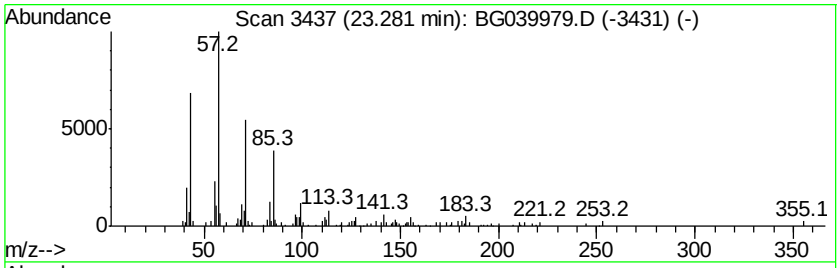
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

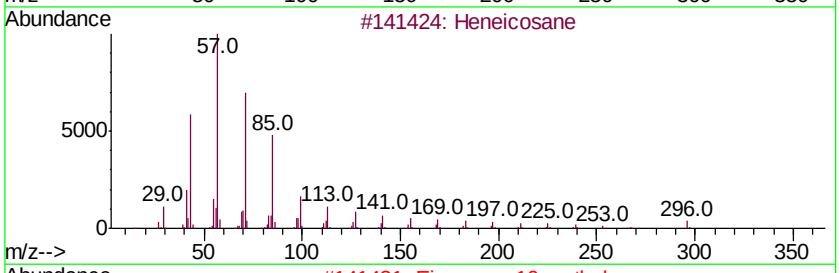
****

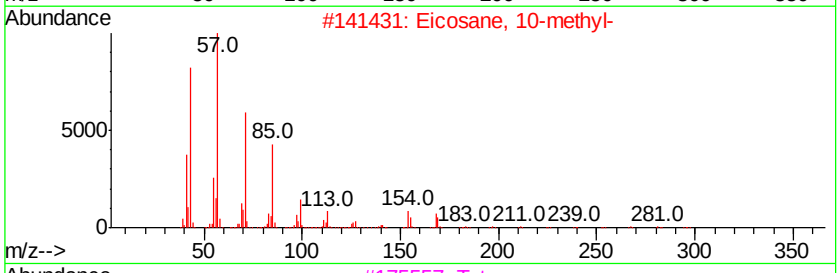
Peak Number 7 Heneicosane Concentration Rank 9

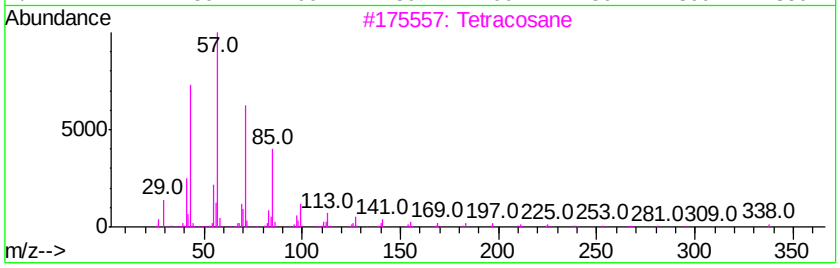
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.28	2.81 ng	100398	Chrysene-d12	21.80

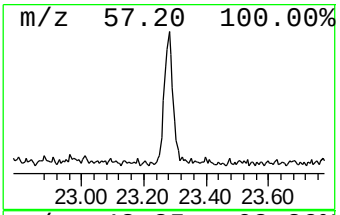
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Nonadecane	268	C19H40	000629-92-5	80
5	Heptadecane	240	C17H36	000629-78-7	80

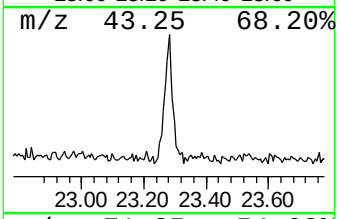


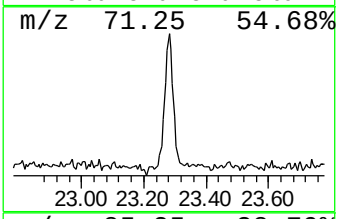


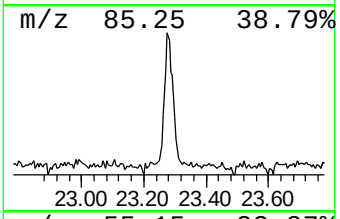


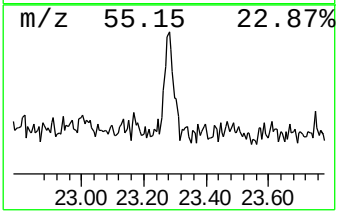












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

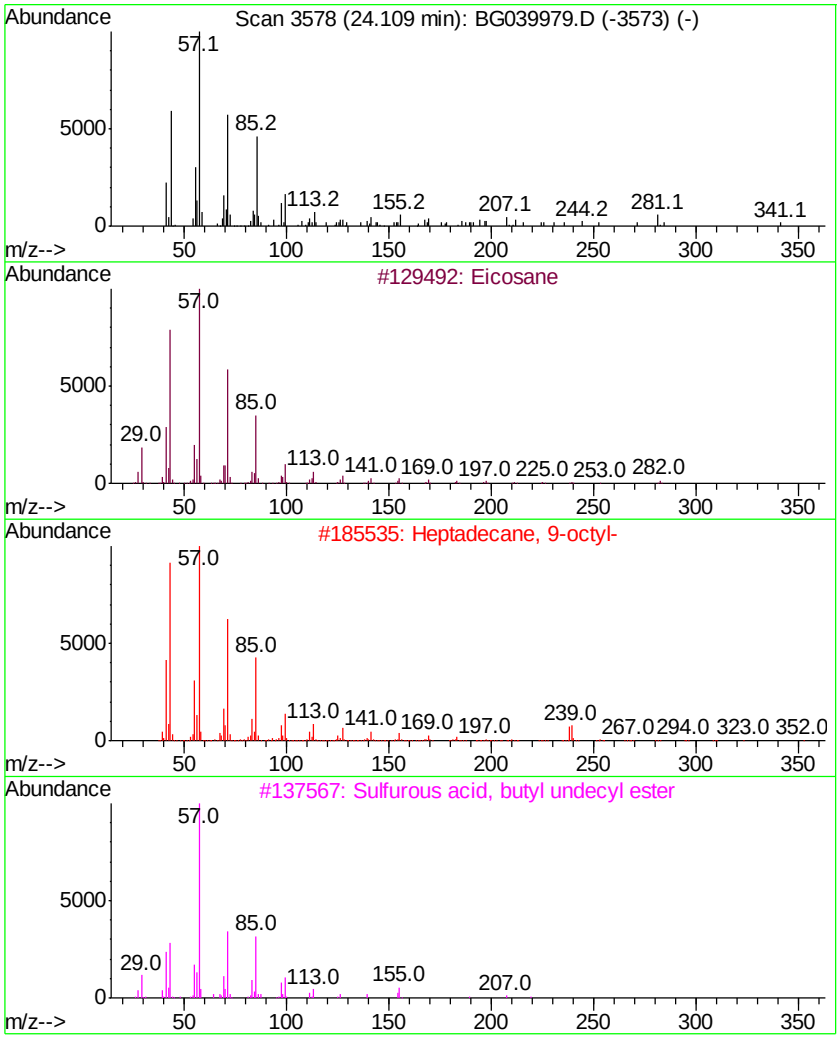
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

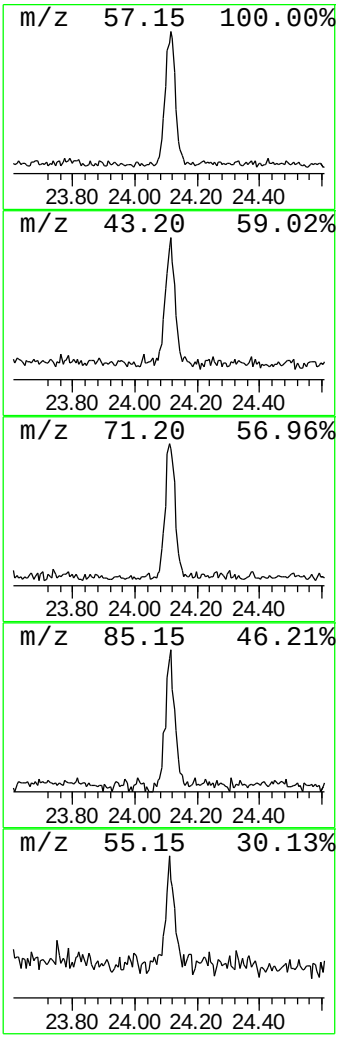
****

Peak Number 8 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.11	3.49 ng	123105	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
3	Sulfurous acid, butyl undecyl ester	292	C15H32O3S	1000309-17-8	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

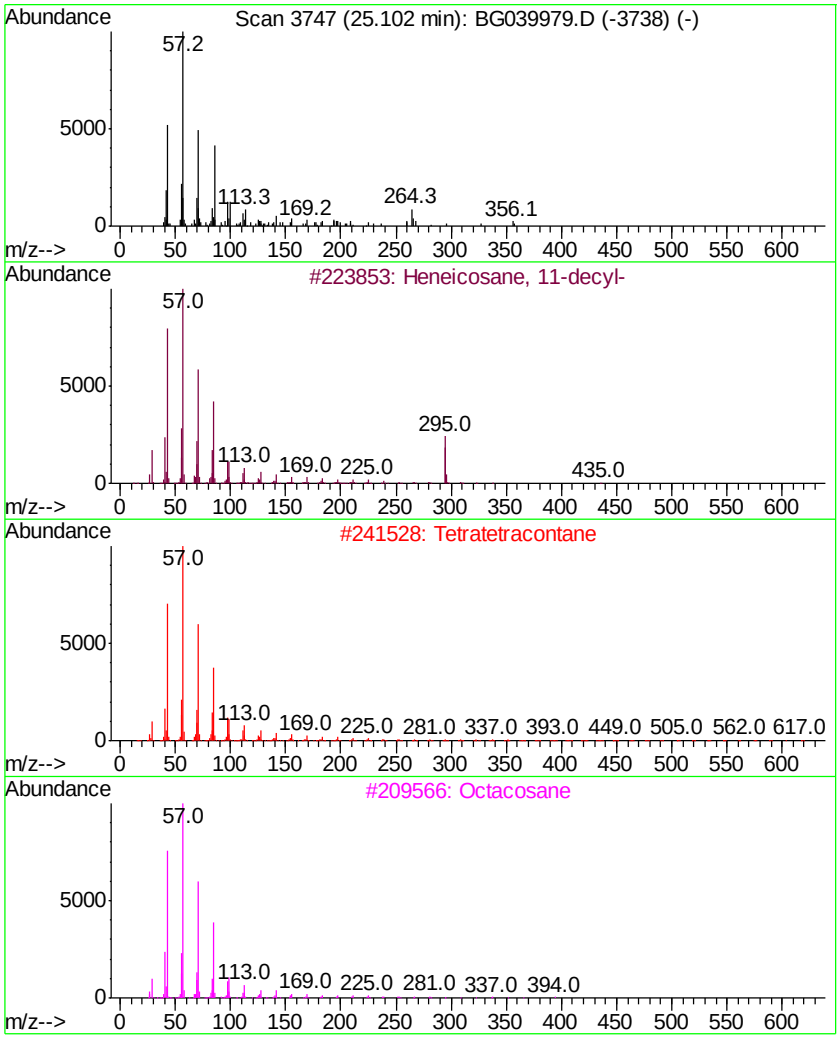
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

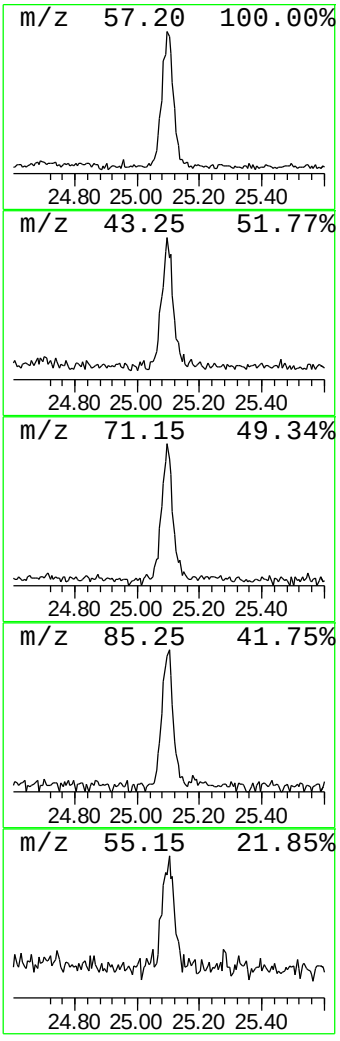
****

Peak Number 9 Heneicosane, 11-decyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.10	3.35 ng	118303	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
2	Tetratetracontane	619	C44H90	007098-22-8	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Hentriacontane	437	C31H64	000630-04-6	87
5	Tetracosane	338	C24H50	000646-31-1	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

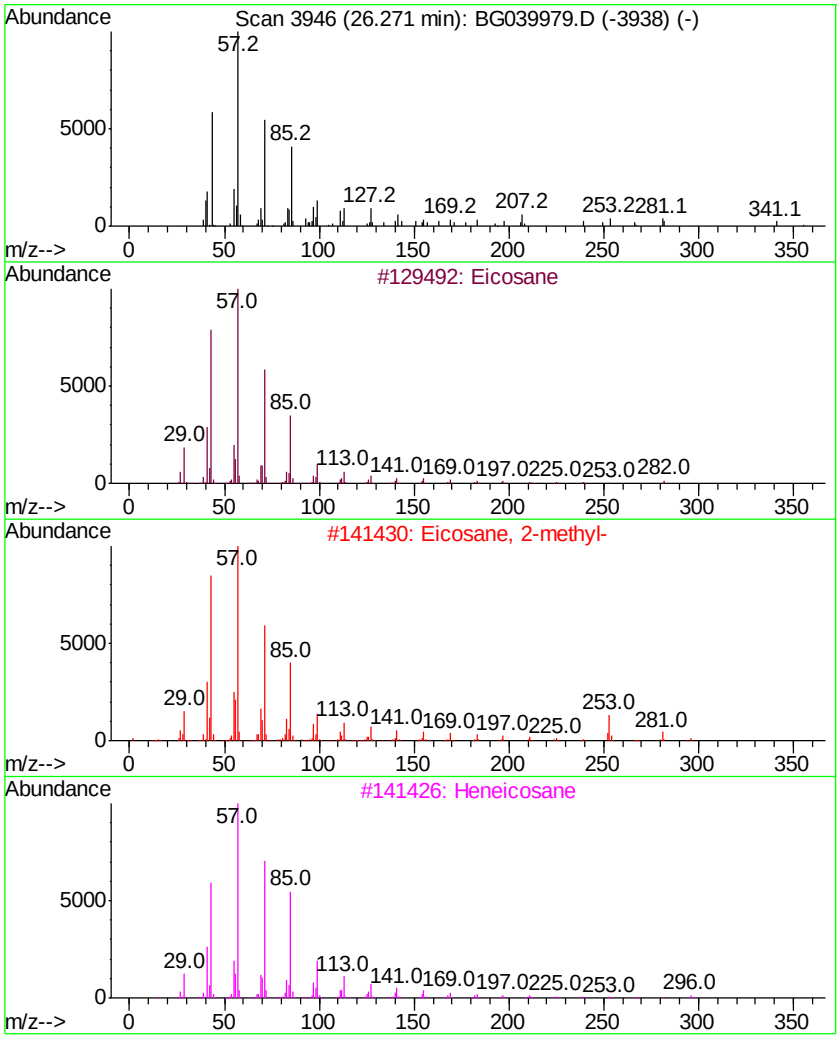
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

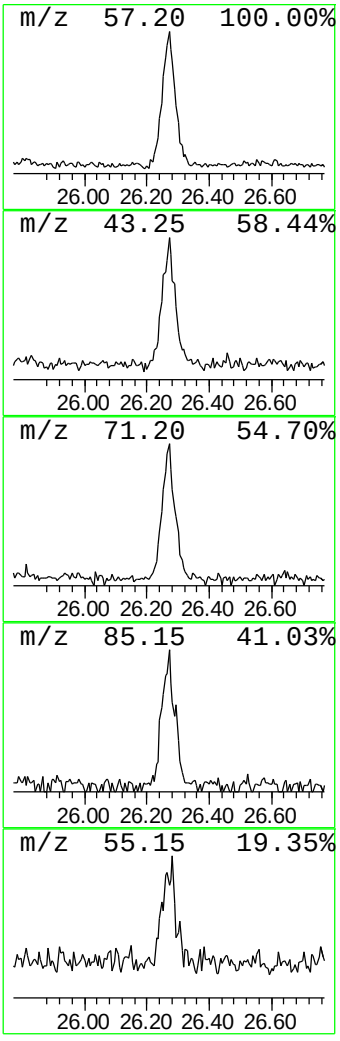
****

Peak Number 10 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.27	2.98 ng	104974	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Eicosane, 2-methyl-	296	C21H44	001560-84-5	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Tetracosane	338	C24H50	000646-31-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031819\
Data File : BG039979.D
Acq On : 18 Mar 2019 21:15
Operator : JU/SJ
Sample : K1903-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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...	3.27	54.8	ng	731745	1	8.14	267062	20.0
unknown7.67	7.67	89.2	ng	1191290	1	8.14	267062	20.0
n-Hexadecanoic acid	18.37	3.6	ng	118624	4	17.51	652179	20.0
Octadecanoic acid	19.63	2.6	ng	84544	4	17.51	652179	20.0
Heneicosane	23.28	2.8	ng	100398	5	21.80	714088	20.0
Eicosane	24.11	3.5	ng	123105	6	25.17	705615	20.0
Heneicosane, 11-d...	25.10	3.4	ng	118303	6	25.17	705615	20.0
Octadecane	26.27	3.0	ng	104974	6	25.17	705615	20.0