LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

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-BG012919.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	3.223	17	23	31	rBV	194291	367610	7.40%	1.484%
2	3.294	31	35	51	rVB	147322	245072	4.94%	0.990%
3	5.708	439	446	459	rVB	560651	889083	17.91%	3.590%
4	7.306	708	718	730	rBV	381478	679413	13.68%	2.743%
5	7.694	774	784	792	rBV	1021075	1770752	35.66%	7.150%
6	8.169	858	865	875	rBV	211818	368088	7.41%	1.486%
7	8.492	912	920	928	rBV	858472	1507847	30.37%	6.088%
8	9.350	1057	1066	1076	rBV	798156	1448395	29.17%	5.848%
9	10.995	1337	1346	1354	rBV	301537	559952	11.28%	2.261%
10	12.146	1536	1542	1546	rBV	144605	233443	4.70%	0.943%
11	12.187	1546	1549	1559	rVB	35516	60774	1.22%	0.245%
12	13.421	1750	1759	1766	rBV	2234646	3499243	70.47%	14.129%
13	14.238	1892	1898	1903	rVB2	49660	75641	1.52%	0.305%
14	14.796	1985	1993	2002	rBV2	525917	855470	17.23%	3.454%
15	16.276	2238	2245	2259	rBV	1772311	2782332	56.04%	11.235%
16	17.539	2452	2460	2467	rBV	657031	1045560	21.06%	4.222%
17	18.391	2600	2605	2615	rBV3	74002	125210	2.52%	0.506%
18	19.243	2744	2750	2757	rBV4	47442	88472	1.78%	0.357%
19	20.130	2895	2901	2914	rBV	3539528	4965328	100.00%	20.049%
20	21.422	3113	3121	3135	rVB2	78702	140319	2.83%	0.567%
21	21.827	3182	3190	3198	rVB	693825	1161560	23.39%	4.690%
22	22.620	3319	3325	3332	rBV	63775	107694	2.17%	0.435%
23	23.343	3442	3448	3457	rVB	82453	160970	3.24%	0.650%
24	23.543	3477	3482	3490	rVB3	32117	67421	1.36%	0.272%
25	24.189	3585	3592	3600	rVB	76714	169731	3.42%	0.685%
26	25.205	3753	3765	3781	rVB2	393894	1261811	25.41%	5.095%
27	26.374	3956	3964	3974	rBV6	40862	128416	2.59%	0.519%

Sum of corrected areas: 24765607

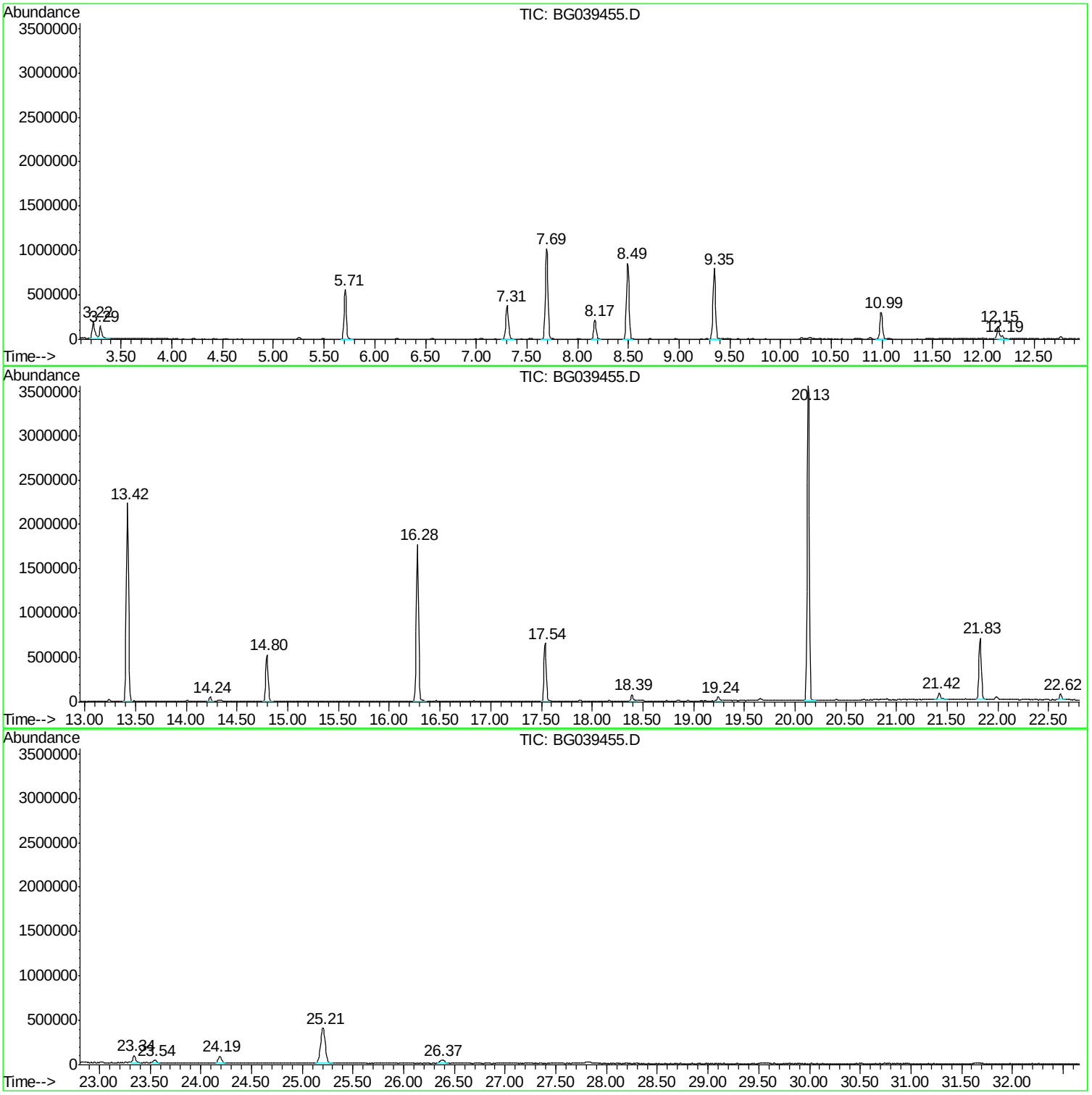
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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

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Data File : BG039455.D
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Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

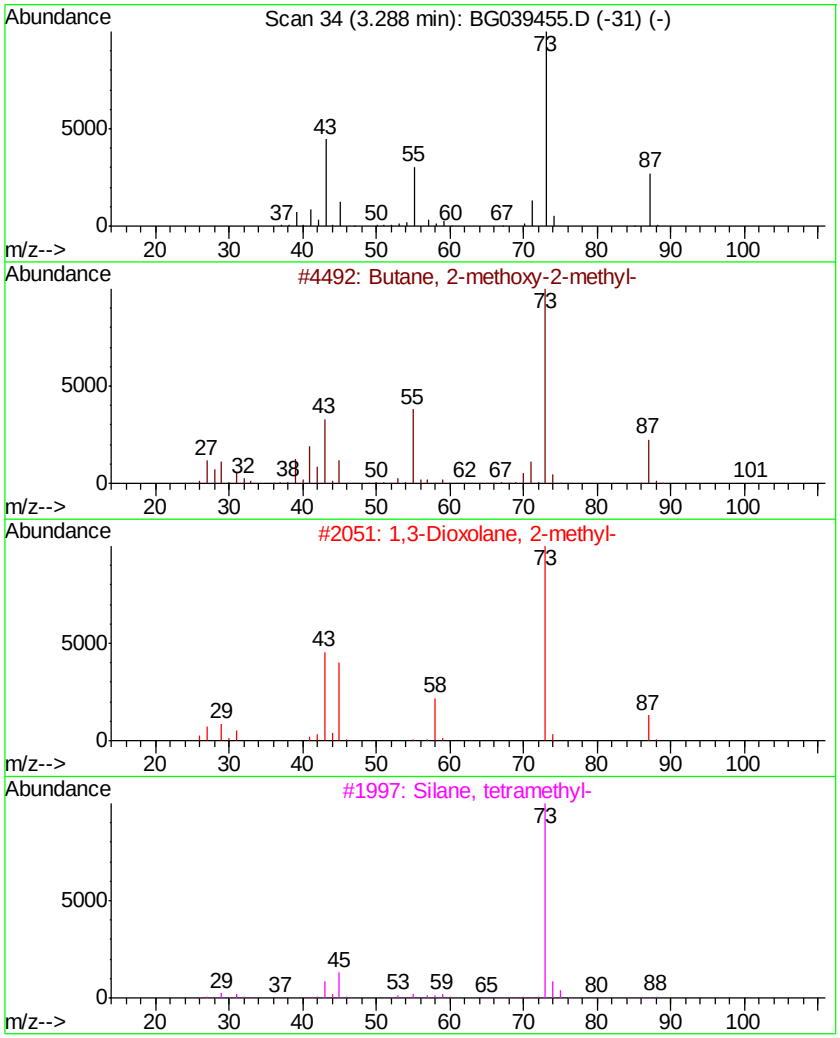
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

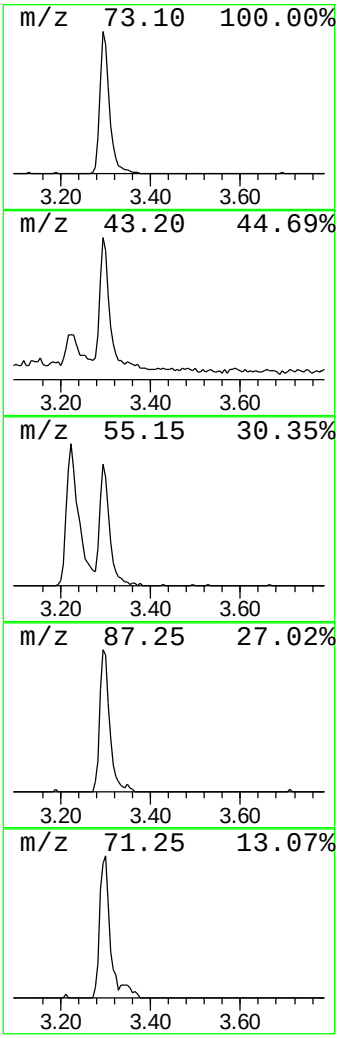
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.29	13.32 ng	245072	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
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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Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

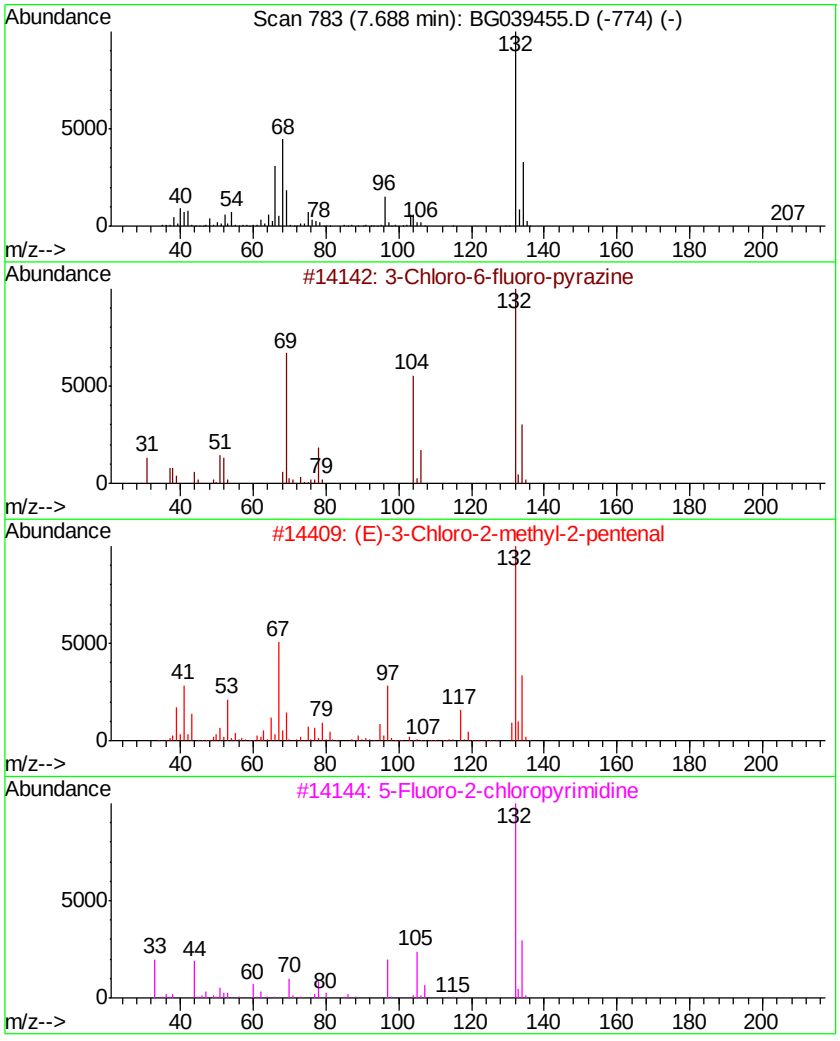
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

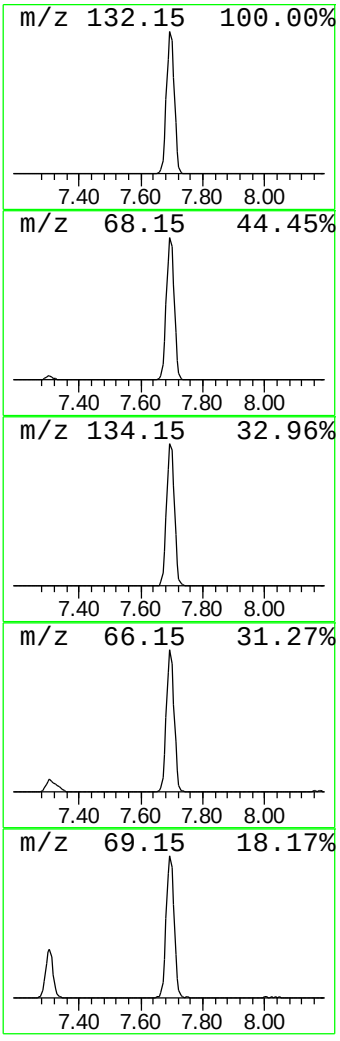
****

Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	96.21 ng	1770750	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

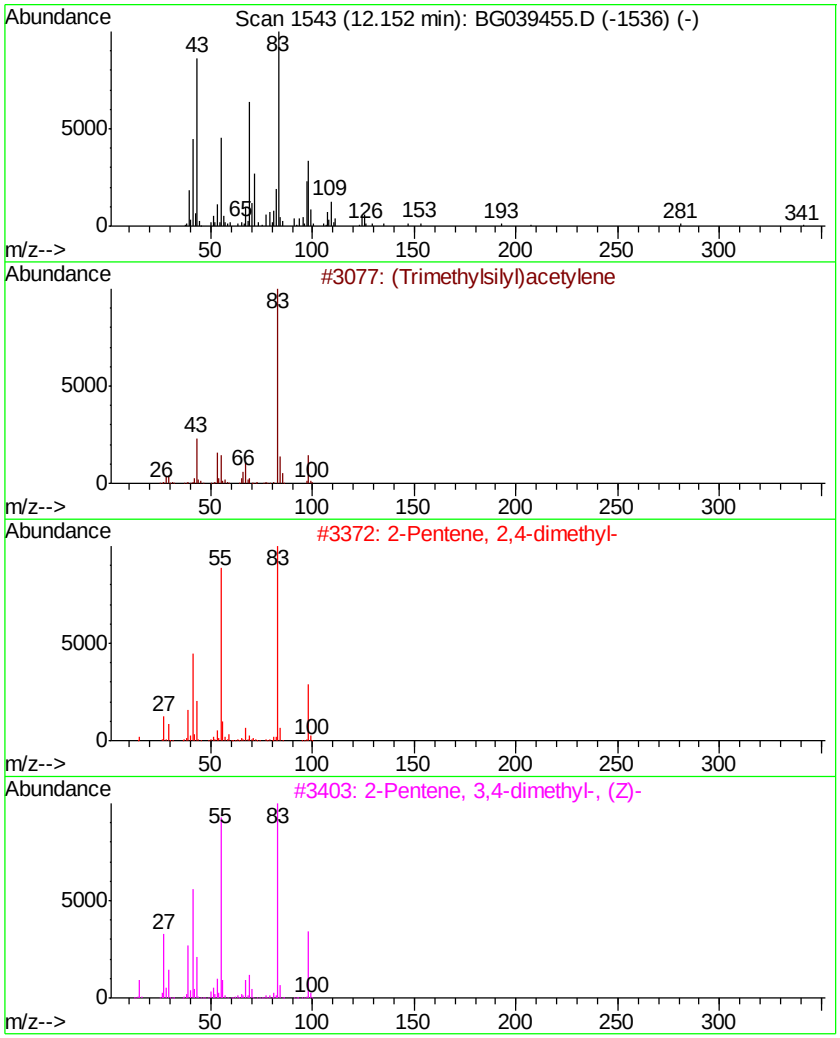
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

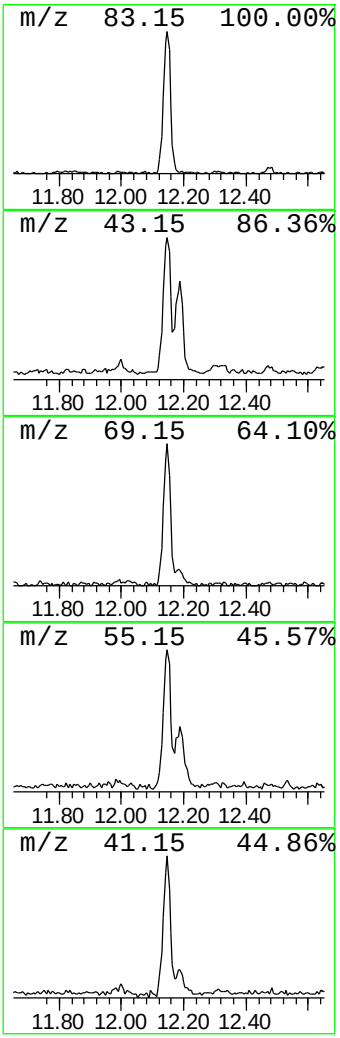
****

Peak Number 5 unknown12.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	8.34 ng	233443	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	43
2	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	43
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	43
4	2H-Pyran, 3,4-dihydro-4-methyl-	98	C6H10O	002270-61-3	43
5	3-Hexen-2-one	98	C6H10O	000763-93-9	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

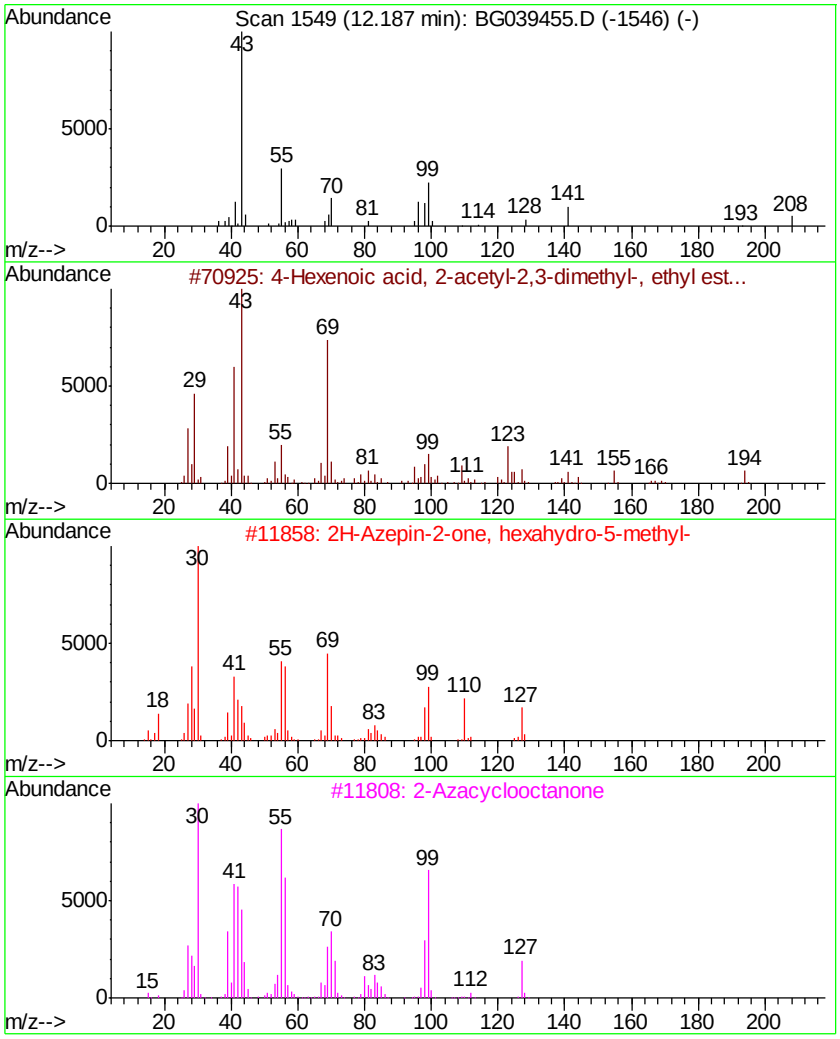
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

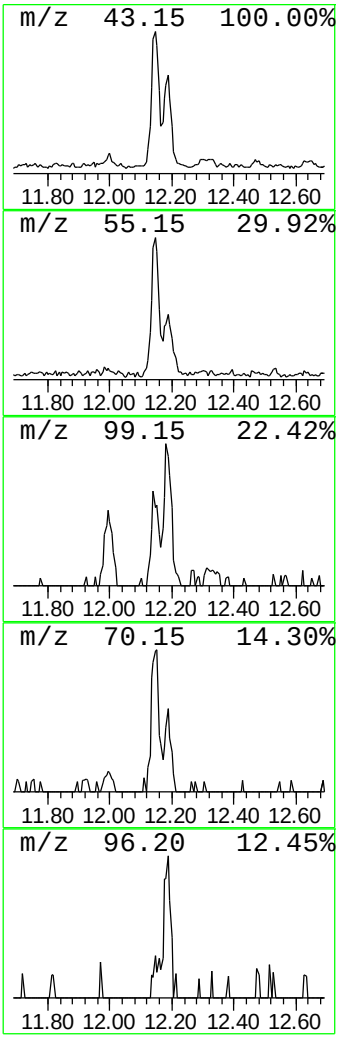
****

Peak Number 6 unknown12.19 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.17 ng	60774	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hexenoic acid, 2-acetyl-2,3-di...	212	C12H20O3	1000159-11-4	36
2	2H-Azepin-2-one, hexahydro-5-met...	127	C7H13NO	002210-07-3	17
3	2-Azacyclooctanone	127	C7H13NO	000673-66-5	17
4	Pentane, 1-(ethenyloxy)-	114	C7H14O	005363-63-3	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

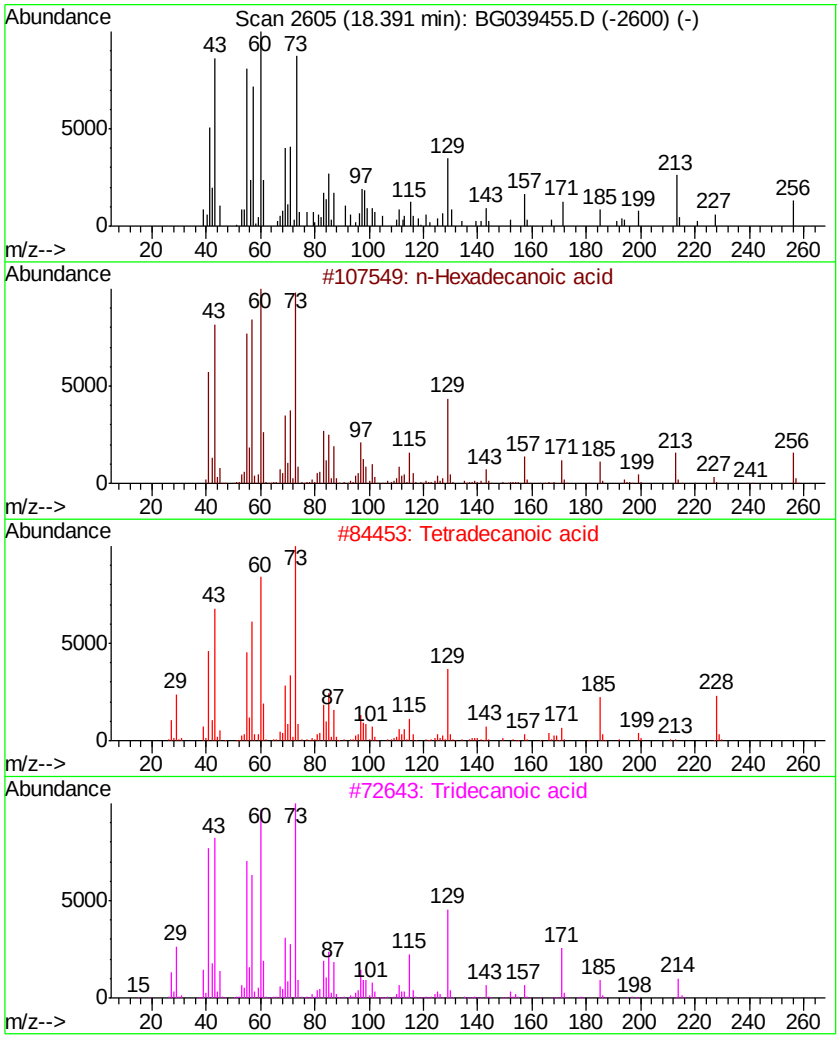
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

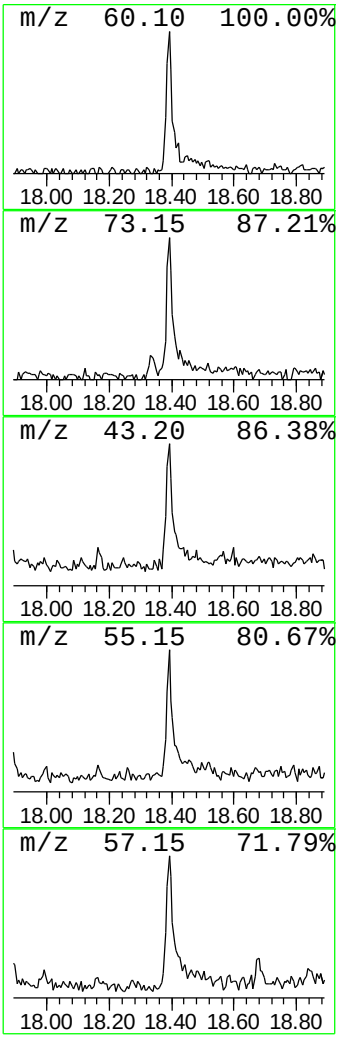
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.40 ng	125210	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
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Operator : JU/SJ
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

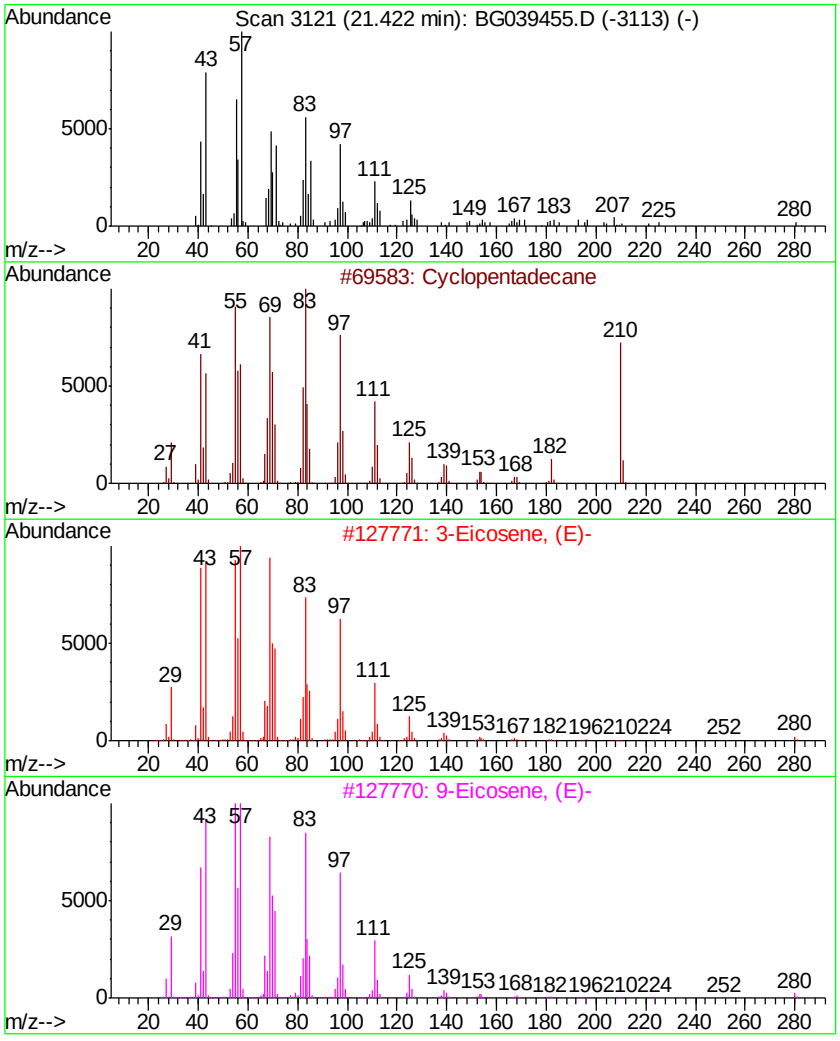
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

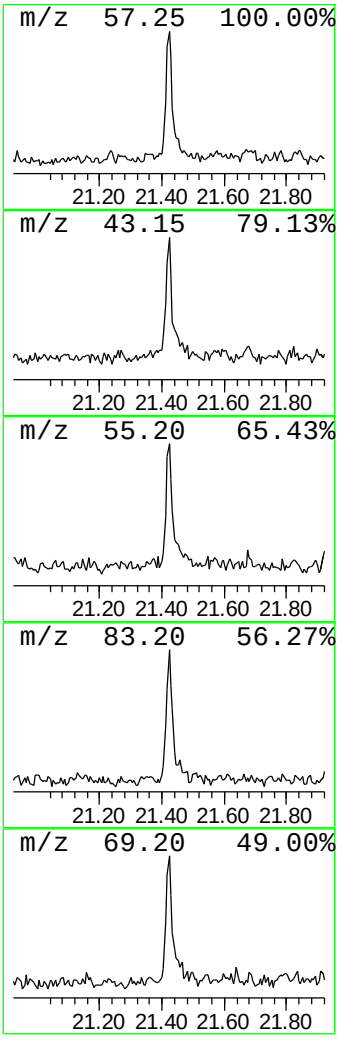
****

Peak Number 8 Cyclopentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.42 ng	140319	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
4	Cycloeicosane	280	C20H40	000296-56-0	93
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	93





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Sample : K1437-01
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Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

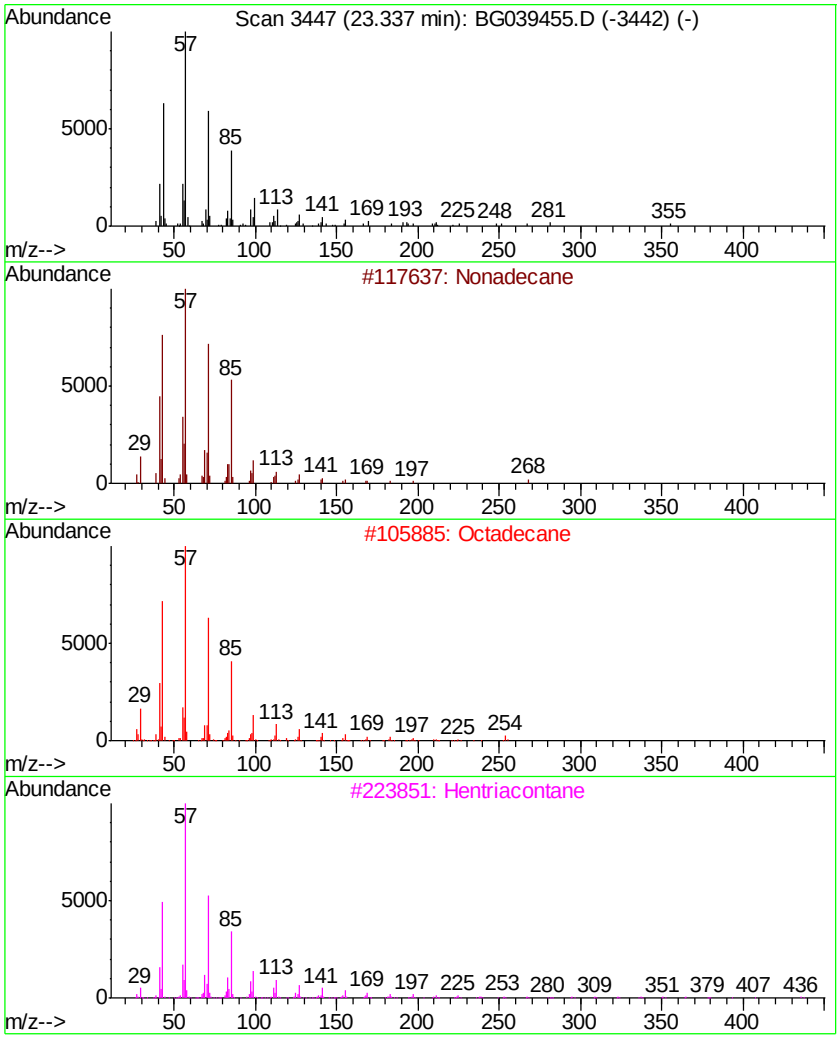
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

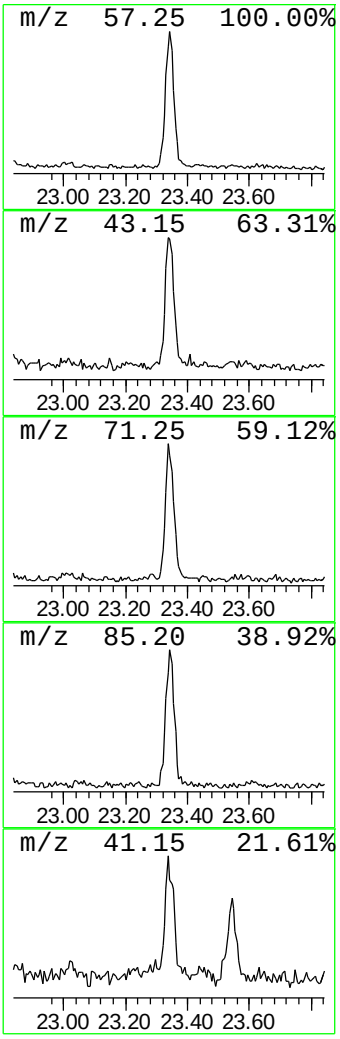
****

Peak Number 9 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	2.77 ng	160970	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Hentriacontane	437	C31H64	000630-04-6	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane	282	C20H42	000112-95-8	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
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Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

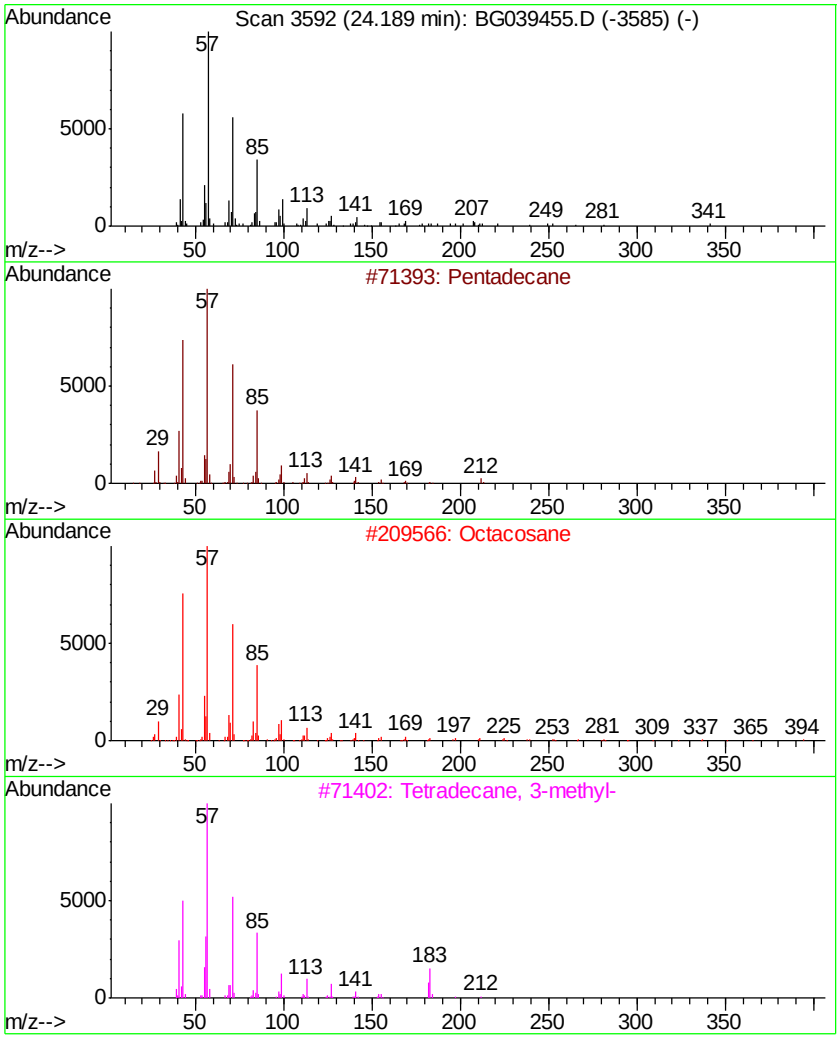
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

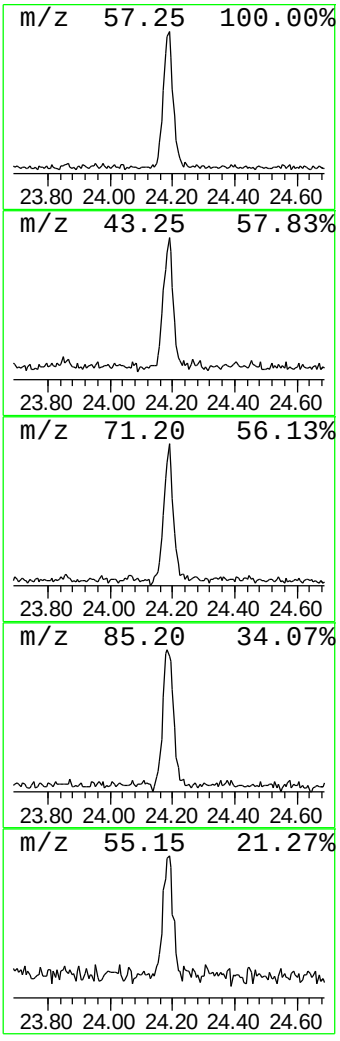
****

Peak Number 10 Pentadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	2.69 ng	169731	Perylene-d12	25.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	87
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Hexatriacontane	507	C36H74	000630-06-8	83





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Misc :
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Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

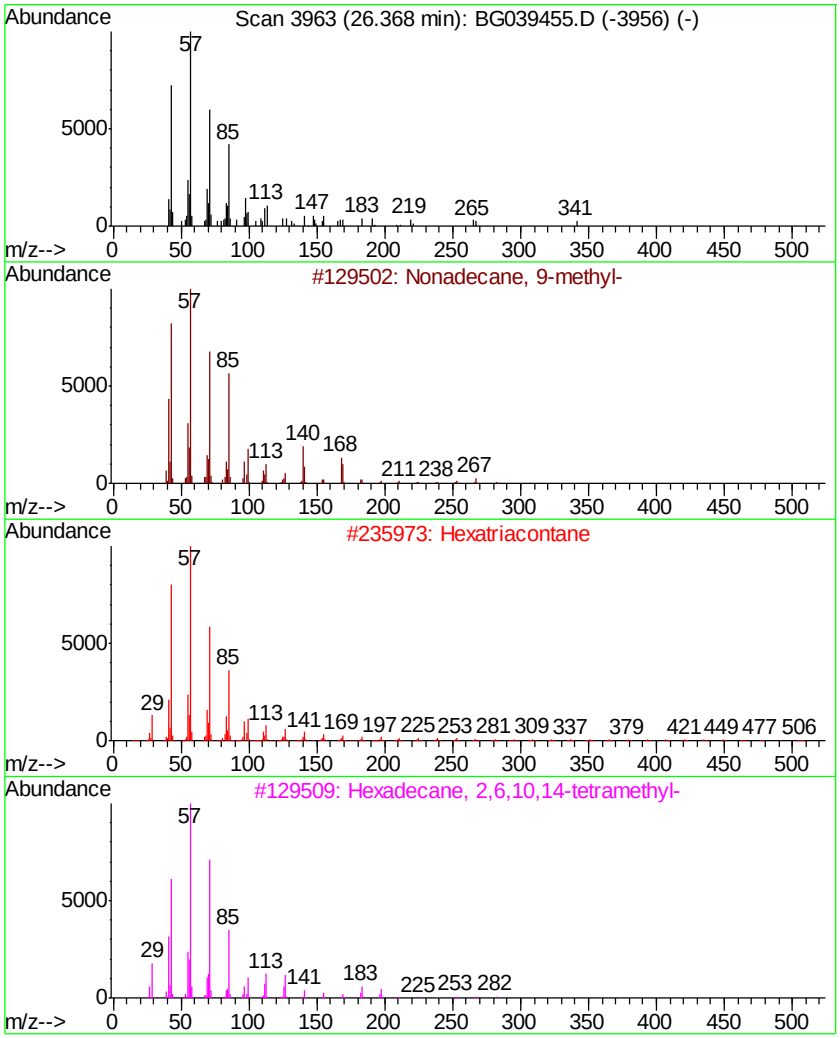
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

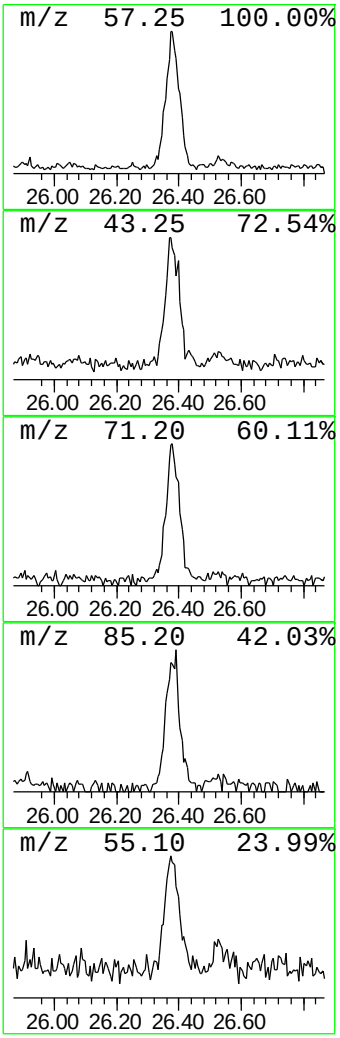
****

Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.37	2.04 ng	128416	Perylene-d12	25.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	90
2	Hexatriacontane	507	C36H74	000630-06-8	87
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
5	Hentriacontane	437	C31H64	000630-04-6	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021119\
Data File : BG039455.D
Acq On : 12 Feb 2019 4:38
Operator : JU/SJ
Sample : K1437-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DSN001

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.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...	3.29	13.3	ng	245072	1	8.17	368088	20.0
unknown7.69	7.69	96.2	ng	1770750	1	8.17	368088	20.0
unknown12.15	12.15	8.3	ng	233443	2	10.99	559952	20.0
unknown12.19	12.19	2.2	ng	60774	2	10.99	559952	20.0
n-Hexadecanoic acid	18.39	2.4	ng	125210	4	17.54	1045560	20.0
Cyclopentadecane	21.42	2.4	ng	140319	5	21.83	1161560	20.0
Nonadecane	23.34	2.8	ng	160970	5	21.83	1161560	20.0
Pentadecane	24.19	2.7	ng	169731	6	25.21	1261810	20.0
Nonadecane, 9-met...	26.37	2.0	ng	128416	6	25.21	1261810	20.0