LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042989.D
Acq On : 2 Oct 2019 17:49
Operator : JU
Sample : K5154-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-10012019

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-BG092519.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	3.179	9	15	24	rBV2	302921	711964	12.35%	2.564%
2	3.256	24	28	44	rVB	447015	783870	13.60%	2.822%
3	5.653	429	436	447	rBV	818754	1333276	23.13%	4.801%
4	7.239	698	706	719	rBV	563432	1031000	17.89%	3.712%
5	7.609	760	769	780	rBV	1237669	2145553	37.23%	7.726%
6	8.068	836	847	857	rBV	233234	419799	7.28%	1.512%
7	8.397	894	903	912	rBV	918488	1621935	28.14%	5.840%
8	9.231	1036	1045	1054	rBV	748425	1398691	24.27%	5.036%
9	10.870	1316	1324	1333	rBV	288227	544684	9.45%	1.961%
10	13.315	1732	1740	1749	rBV	2205960	3385177	58.74%	12.189%
11	14.137	1873	1880	1891	rBV	98253	156702	2.72%	0.564%
12	14.689	1966	1974	1987	rVB	504378	810771	14.07%	2.919%
13	16.176	2219	2227	2239	rBV	1900089	3079599	53.43%	11.089%
14	17.433	2433	2441	2448	rBV2	657393	1024150	17.77%	3.688%
15	18.320	2586	2592	2600	rBV2	92206	152218	2.64%	0.548%
16	20.042	2878	2885	2899	rVB	4185578	5763317	100.00%	20.752%
17	21.352	3103	3108	3119	rBV6	57974	191909	3.33%	0.691%
18	21.699	3161	3167	3177	rBV2	725096	1214368	21.07%	4.373%
19	22.510	3301	3305	3310	rBV	47573	72977	1.27%	0.263%
20	23.203	3418	3423	3433	rVB2	81295	159723	2.77%	0.575%
21	24.014	3555	3561	3569	rVB3	77971	175415	3.04%	0.632%
22	24.924	3706	3716	3736	rVB2	422113	1436677	24.93%	5.173%
23	26.100	3910	3916	3927	rVB4	55916	158571	2.75%	0.571%

Sum of corrected areas: 27772346

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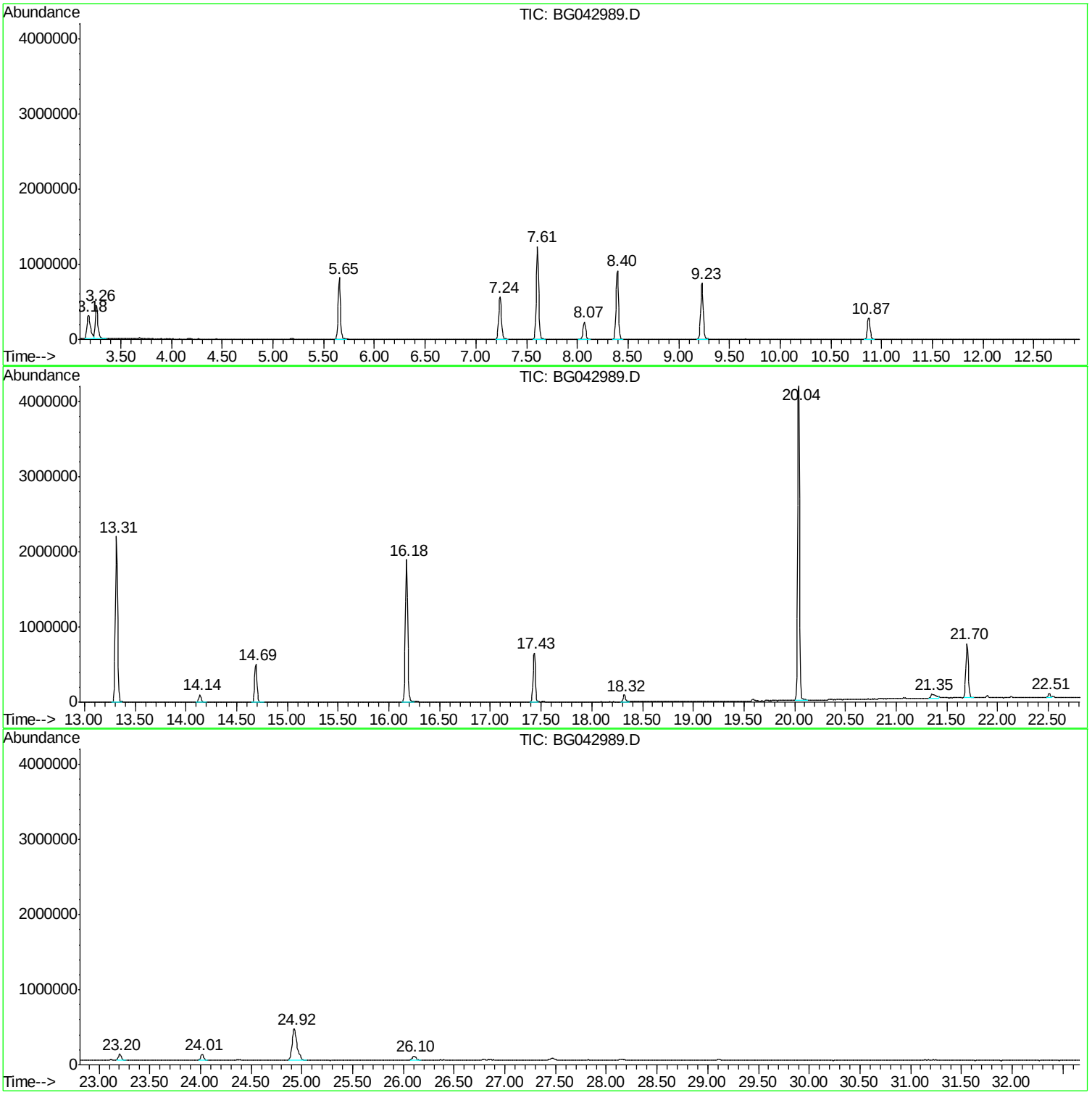
Sample : K5154-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.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\BG100219\
Data File : BG042989.D
Acq On : 2 Oct 2019 17:49
Operator : JU
Sample : K5154-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

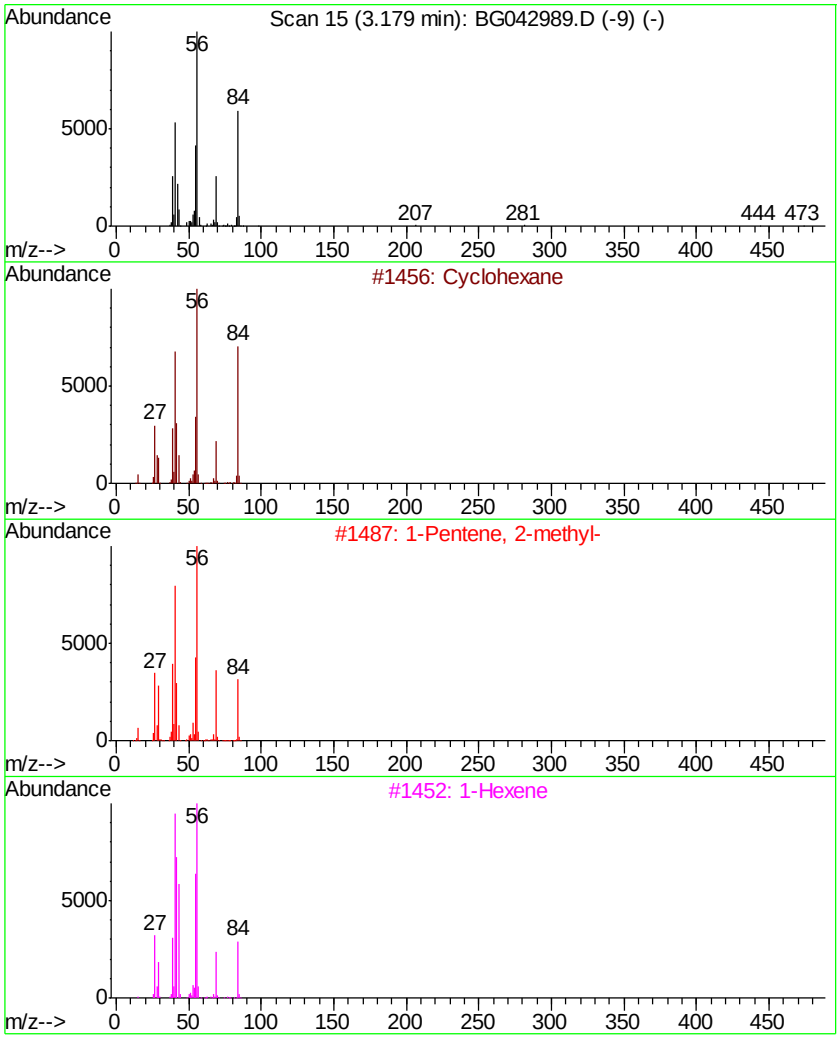
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

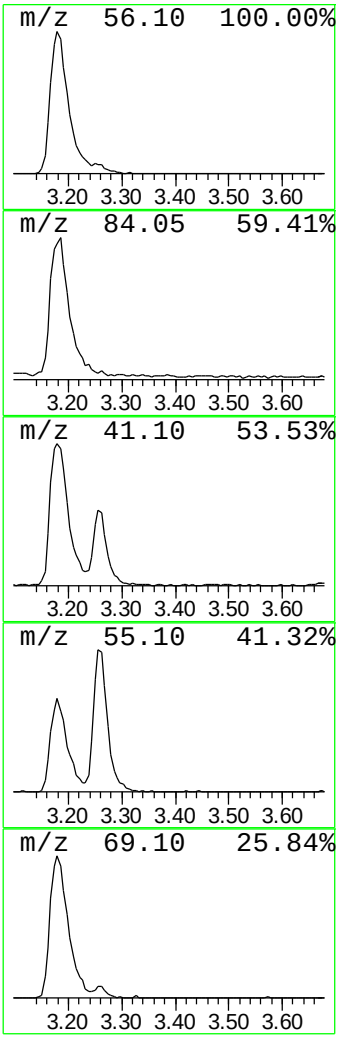
****

Peak Number 1 1-Pentene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	33.92 ng	711964	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78
3	1-Hexene	84	C6H12	000592-41-6	50
4	Cyclobutane	56	C4H8	000287-23-0	46
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	40





Library Search Compound Report

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Data File : BG042989.D
Acq On : 2 Oct 2019 17:49
Operator : JU
Sample : K5154-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

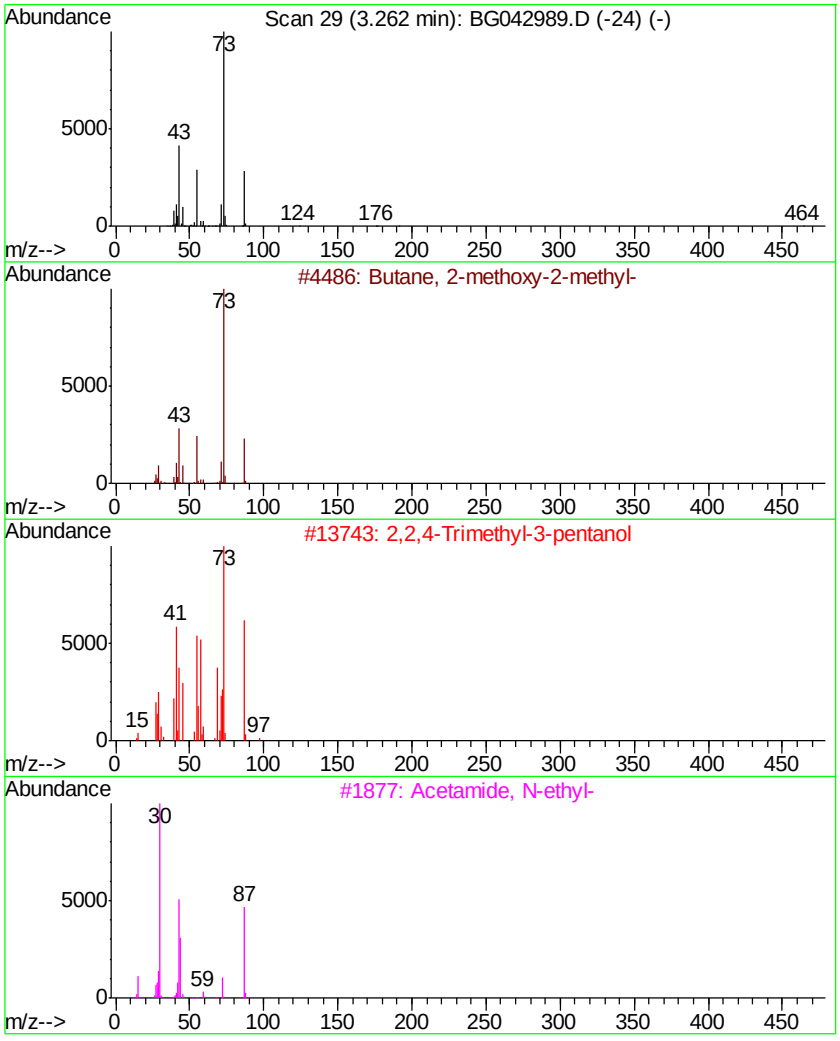
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

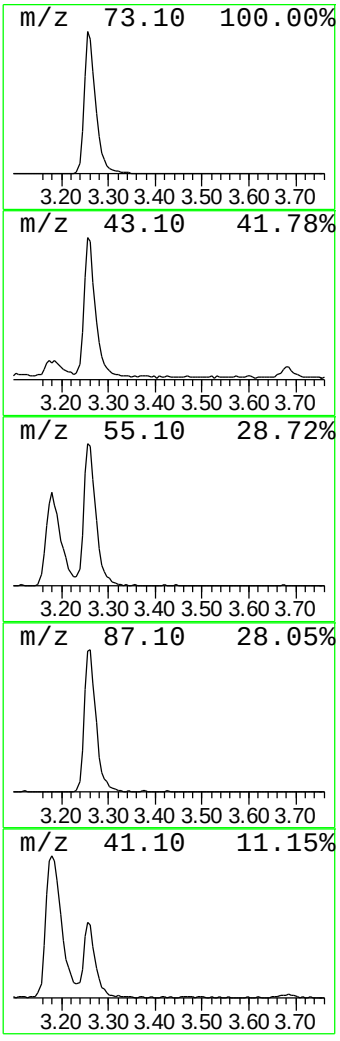
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.26	37.35 ng	783870	1,4-Dichlorobenzene-d4	8.07

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	50
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100219\
Data File : BG042989.D
Acq On : 2 Oct 2019 17:49
Operator : JU
Sample : K5154-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

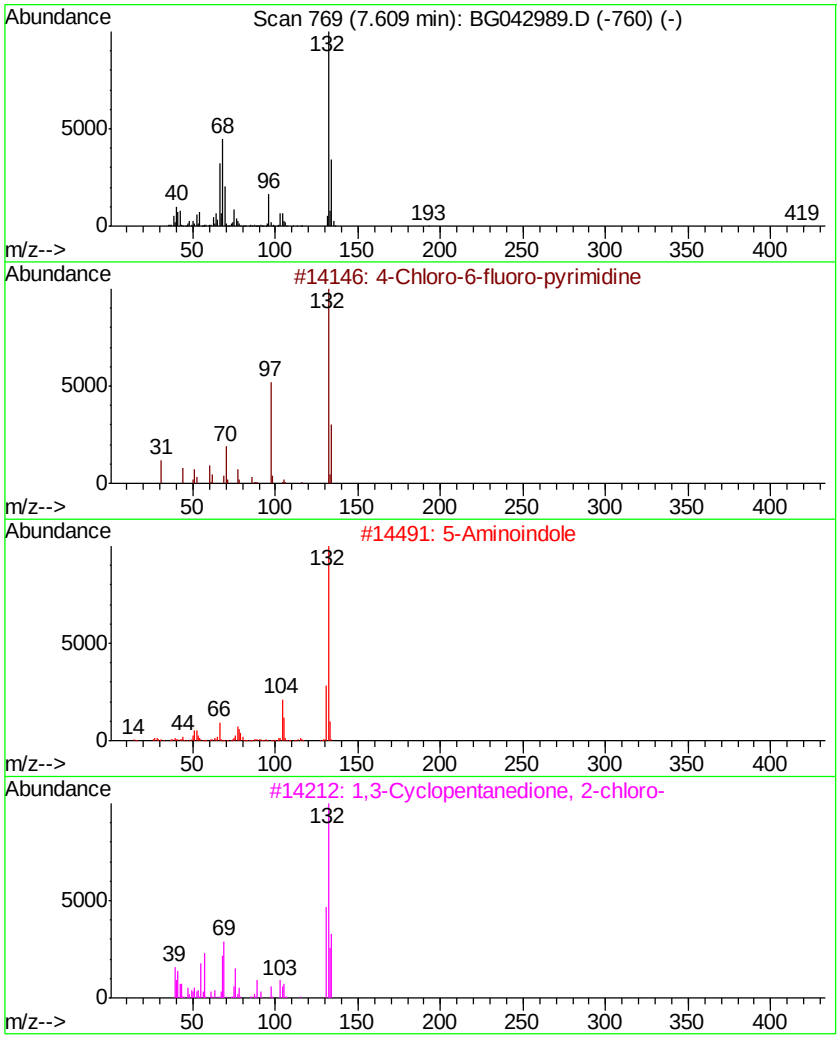
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

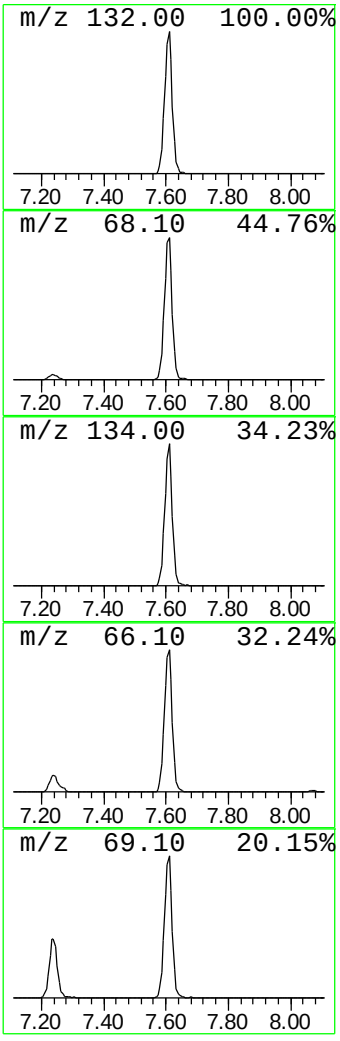
****

Peak Number 3 unknown7.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	102.22 ng	2145550	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	25
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Acq On : 2 Oct 2019 17:49
Operator : JU
Sample : K5154-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

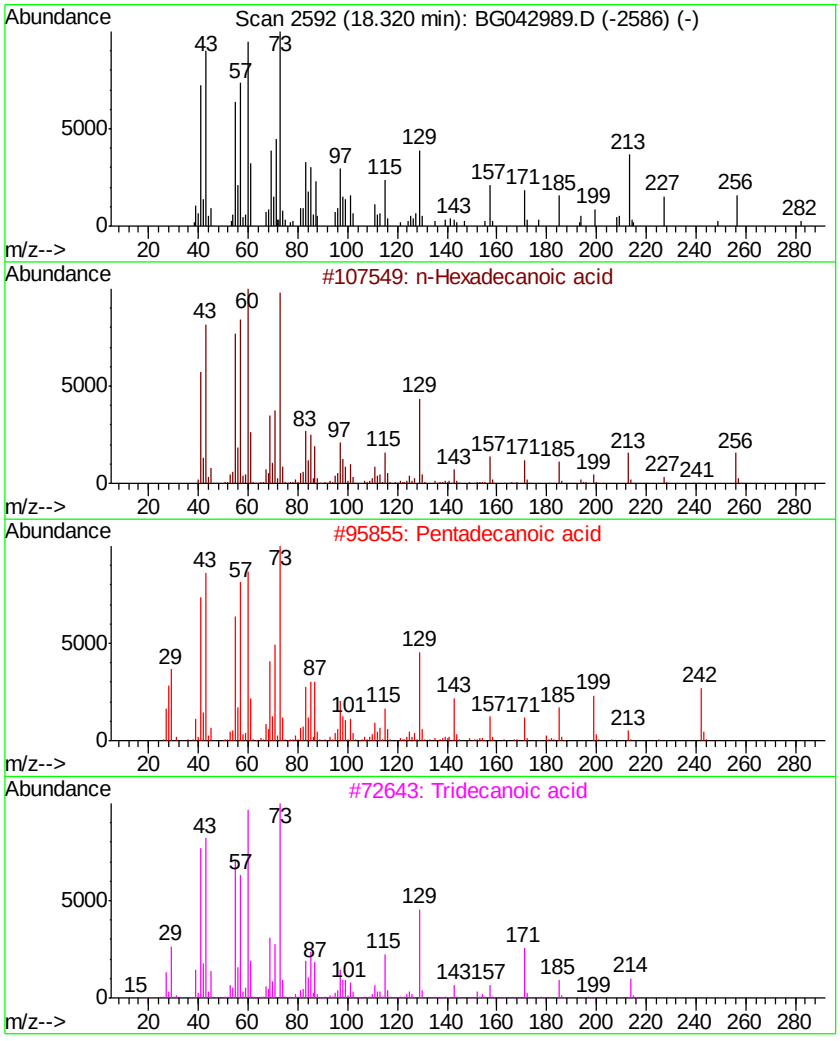
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

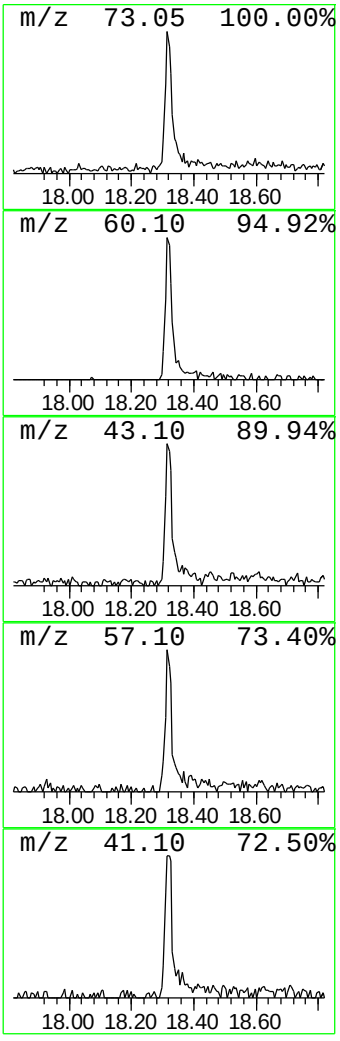
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	2.97 ng	152218	Phenanthrene-d10	17.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	46
5	Nonanoic acid	158	C9H18O2	000112-05-0	38





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Operator : JU
Sample : K5154-02
Misc :
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Instrument : BNA_G
ClientSampleId : FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

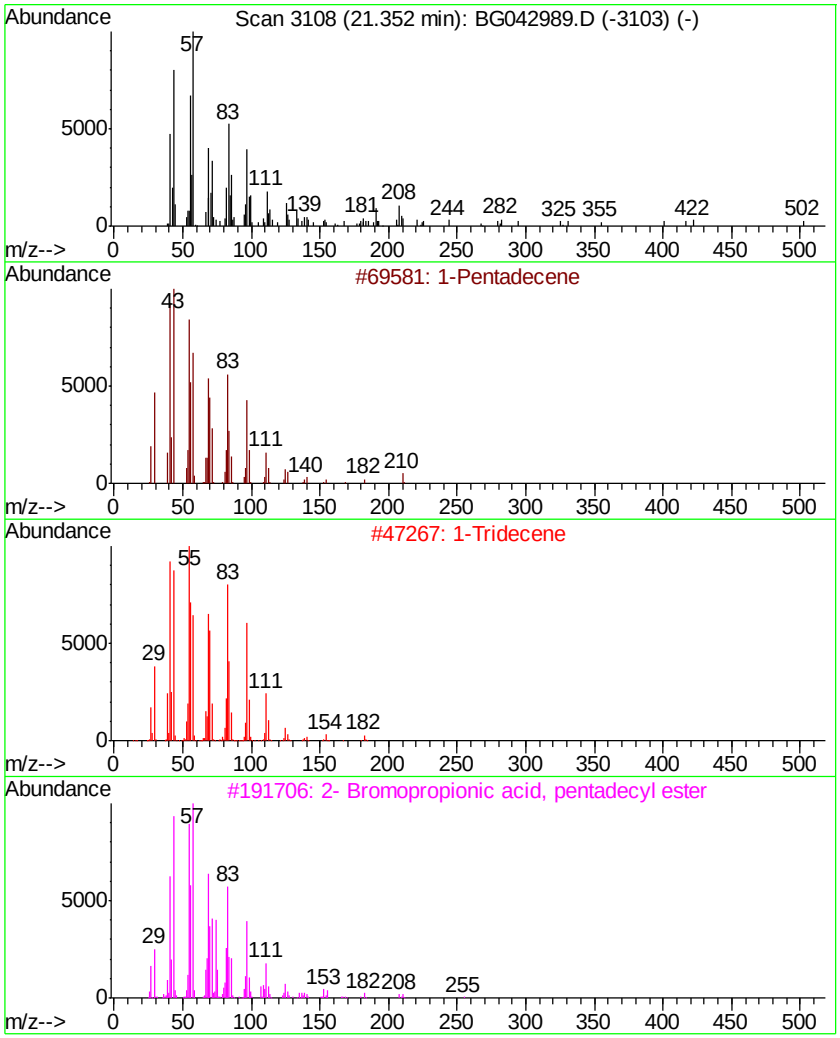
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

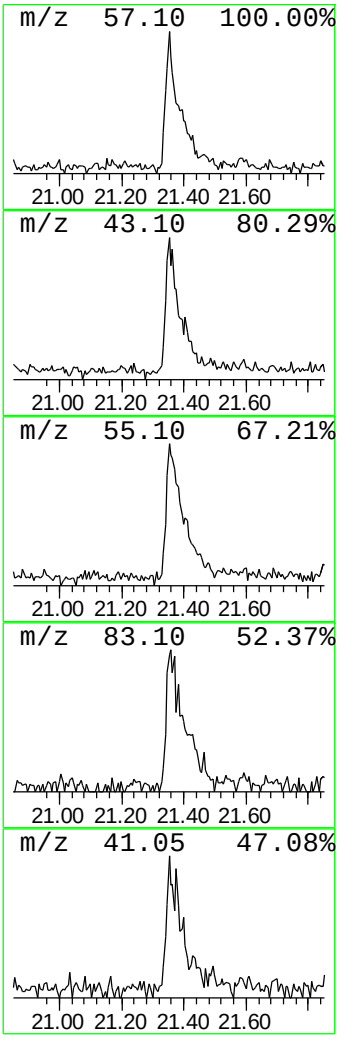
****

Peak Number 6 1-Pentadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	3.16 ng	191909	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	70
2	1-Tridecene	182	C13H26	002437-56-1	70
3	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	68
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	62
5	1-Heneicosanol	312	C21H44O	015594-90-8	62





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Instrument : BNA_G
ClientSampleId : FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

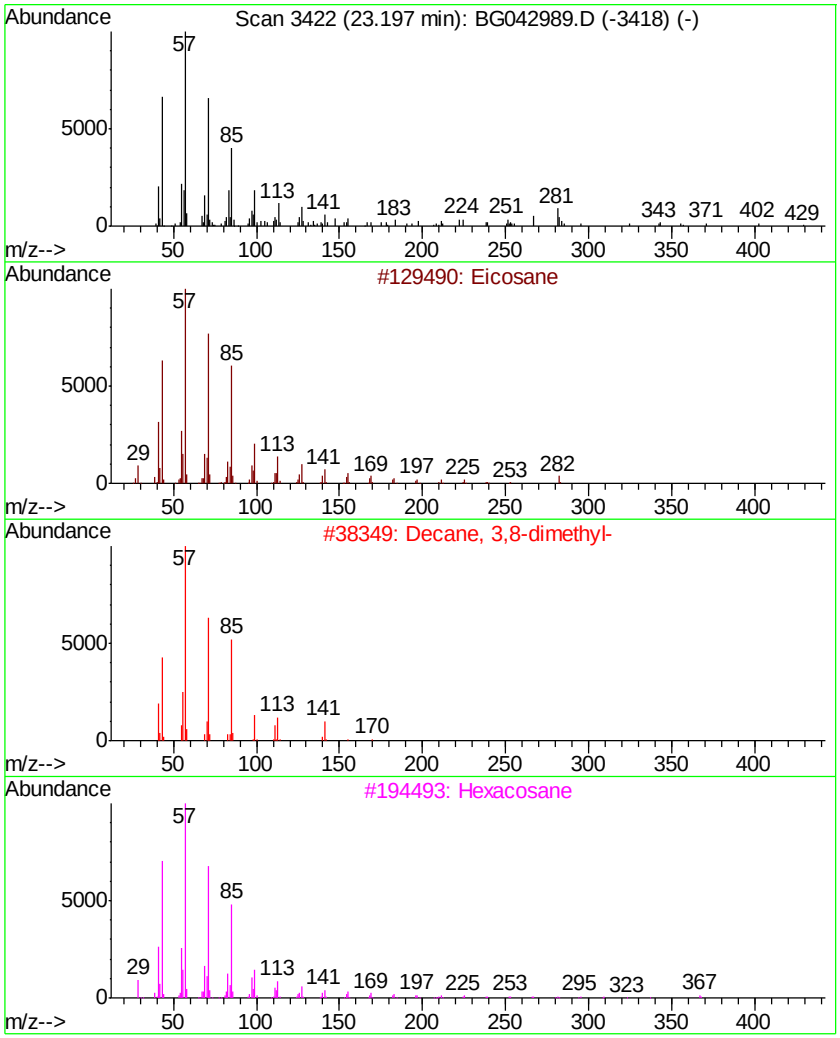
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

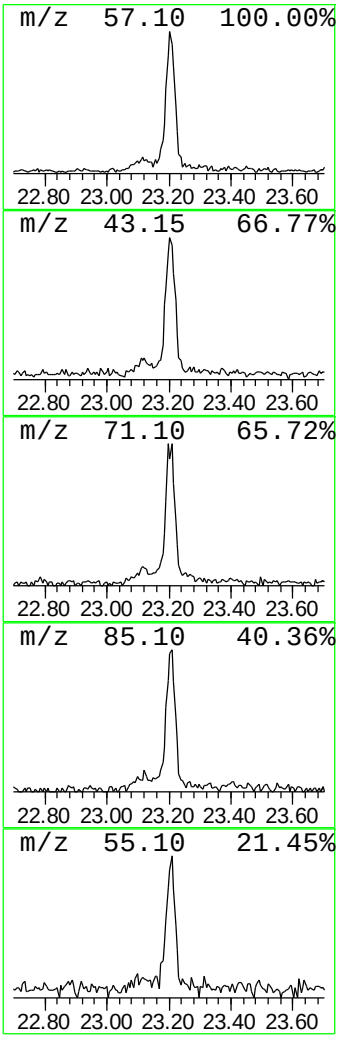
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.20	2.63 ng	159723	Chrysene-d12	21.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Hexacosane	366	C26H54	000630-01-3	87
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	83
5	Heptacosane	380	C27H56	000593-49-7	83





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Instrument : BNA_G
ClientSampleId : FB-10012019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

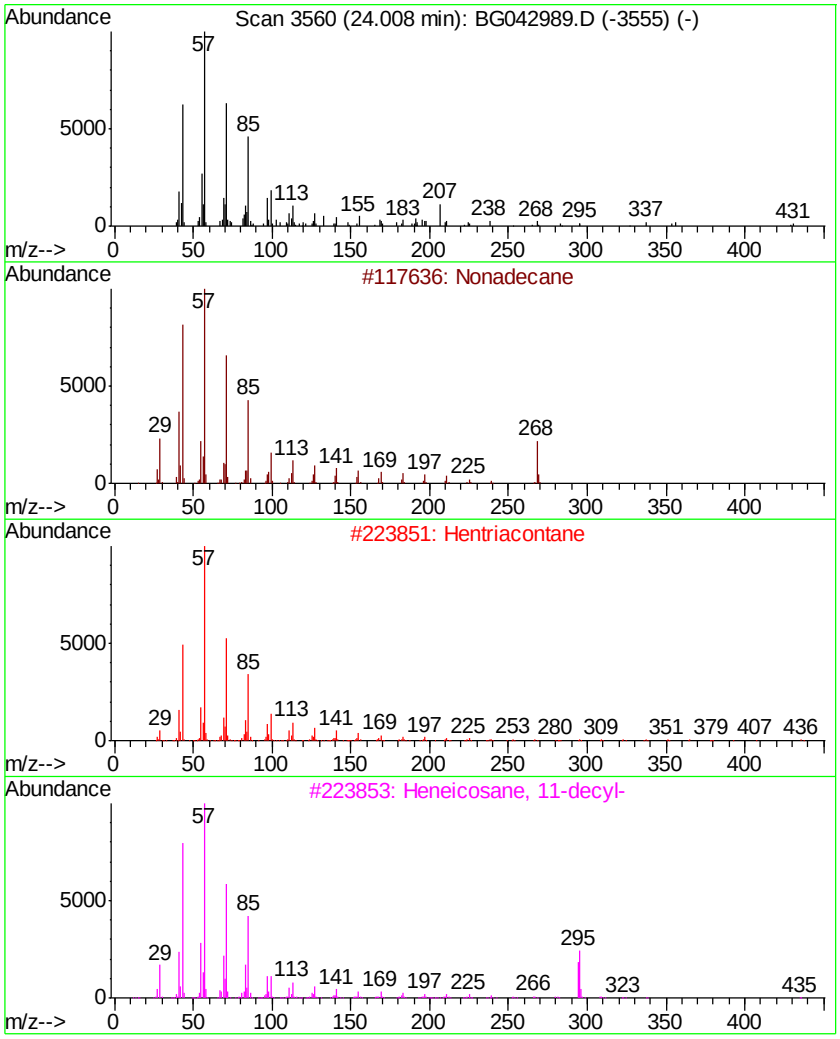
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

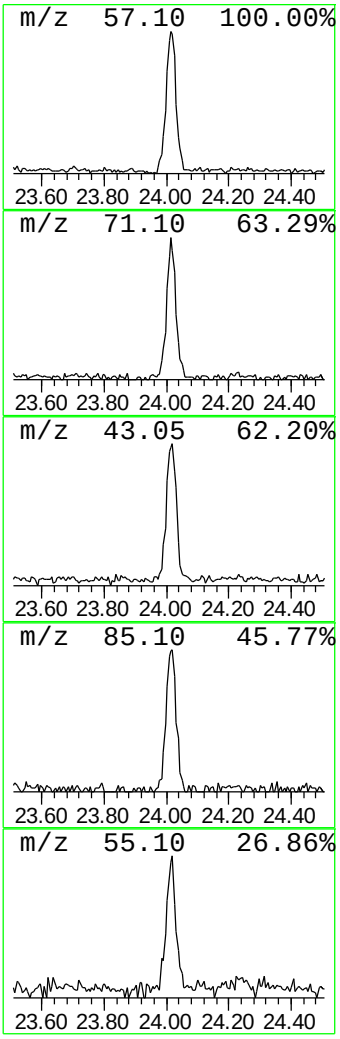
****

Peak Number 8 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.01	2.44 ng	175415	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	89
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Hexacosane	366	C26H54	000630-01-3	83





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Instrument : BNA_G
ClientSampleId : FB-10012019

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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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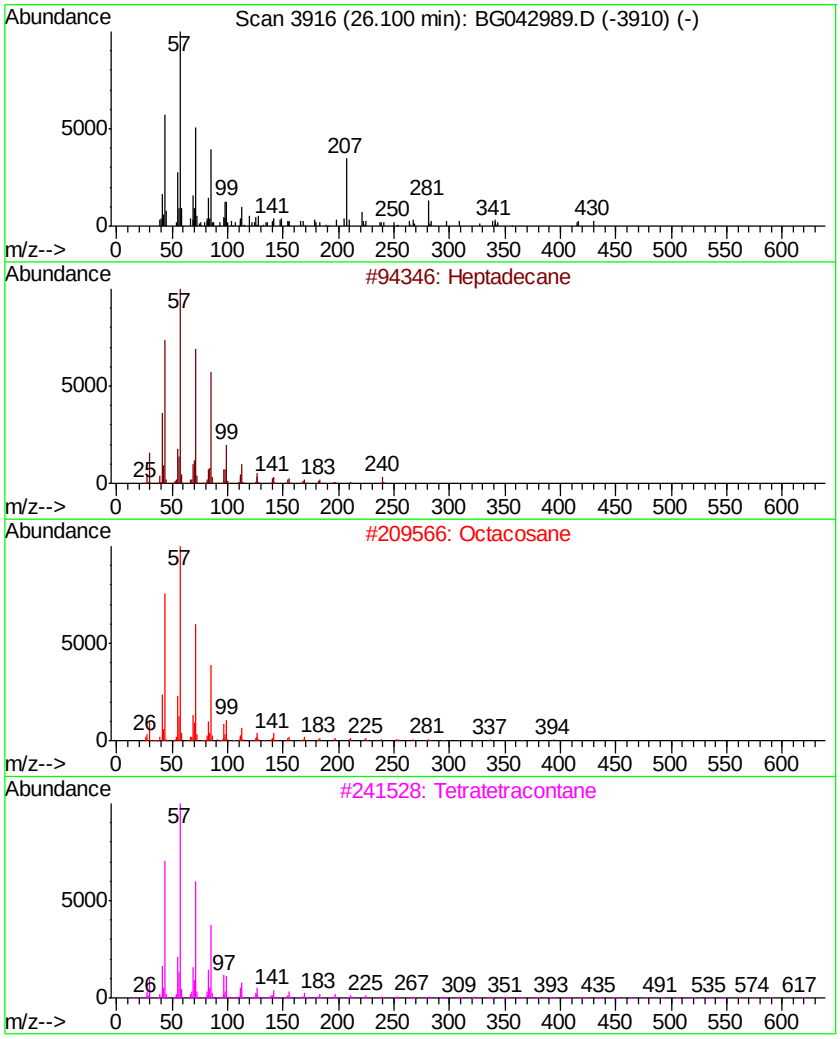
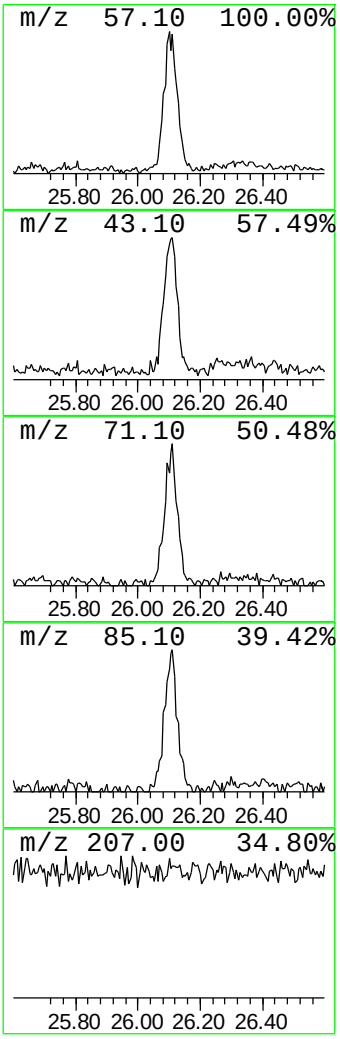
Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.10	2.21 ng	158571	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Octacosane	394	C28H58	000630-02-4	76
3	Tetratetracontane	619	C44H90	007098-22-8	68
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	64
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	64





Tentatively Identified Compound (LSC) summary

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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
1-Pentene, 2-methyl-	3.18	33.9	ng	711964	1	8.07	419799	20.0
Butane, 2-methoxy...	3.26	37.4	ng	783870	1	8.07	419799	20.0
unknown7.61	7.61	102.2	ng	2145550	1	8.07	419799	20.0
n-Hexadecanoic acid	18.32	3.0	ng	152218	4	17.43	1024150	20.0
1-Pentadecene	21.35	3.2	ng	191909	5	21.70	1214370	20.0
Eicosane	23.20	2.6	ng	159723	5	21.70	1214370	20.0
Nonadecane	24.01	2.4	ng	175415	6	24.92	1436680	20.0
Heptadecane	26.10	2.2	ng	158571	6	24.92	1436680	20.0