LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041700.D
Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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-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	3.193	14	18	38	rVB	365102	674709	9.37%	1.622%
2	4.222	186	193	201	rBV	75562	133374	1.85%	0.321%
3	5.144	342	350	357	rBV	56869	95581	1.33%	0.230%
4	5.608	422	429	445	rBV	1876740	2961431	41.11%	7.121%
5	7.200	690	700	715	rBV	1907968	3315402	46.03%	7.972%
6	7.576	754	764	774	rBV	1893102	3201132	44.44%	7.697%
7	8.047	837	844	851	rBV	375549	626158	8.69%	1.506%
8	8.370	892	899	915	rVB	1421449	2471517	34.31%	5.943%
9	9.204	1032	1041	1053	rBV	1066264	1992905	27.67%	4.792%
10	10.849	1314	1321	1330	rBV	476291	856938	11.90%	2.061%
11	13.293	1730	1737	1746	rBV	2834186	4391495	60.97%	10.560%
12	14.004	1851	1858	1866	rBV	143836	213491	2.96%	0.513%
13	14.110	1869	1876	1887	rVV	420587	639115	8.87%	1.537%
14	14.662	1964	1970	1979	rBV2	714068	1151448	15.99%	2.769%
15	16.143	2215	2222	2237	rBV	2558943	3952473	54.87%	9.504%
16	17.400	2429	2436	2445	rBV	1039118	1612805	22.39%	3.878%
17	20.003	2873	2879	2885	rBV	5302372	7202919	100.00%	17.320%
18	21.331	3098	3105	3128	rBV3	140706	644906	8.95%	1.551%
19	21.648	3152	3159	3171	rVB	1245856	2002125	27.80%	4.814%
20	22.483	3296	3301	3307	rBV	91440	165874	2.30%	0.399%
21	23.176	3413	3419	3426	rVB	129754	239546	3.33%	0.576%
22	23.987	3551	3557	3565	rBV2	134081	292414	4.06%	0.703%
23	24.839	3692	3702	3713	rBV2	756287	2078773	28.86%	4.999%
24	24.944	3713	3720	3730	rVB	121788	304300	4.22%	0.732%
25	26.090	3908	3915	3926	rVB4	81699	243778	3.38%	0.586%
26	27.459	4141	4148	4157	rVB4	39527	122627	1.70%	0.295%

Sum of corrected areas: 41587236

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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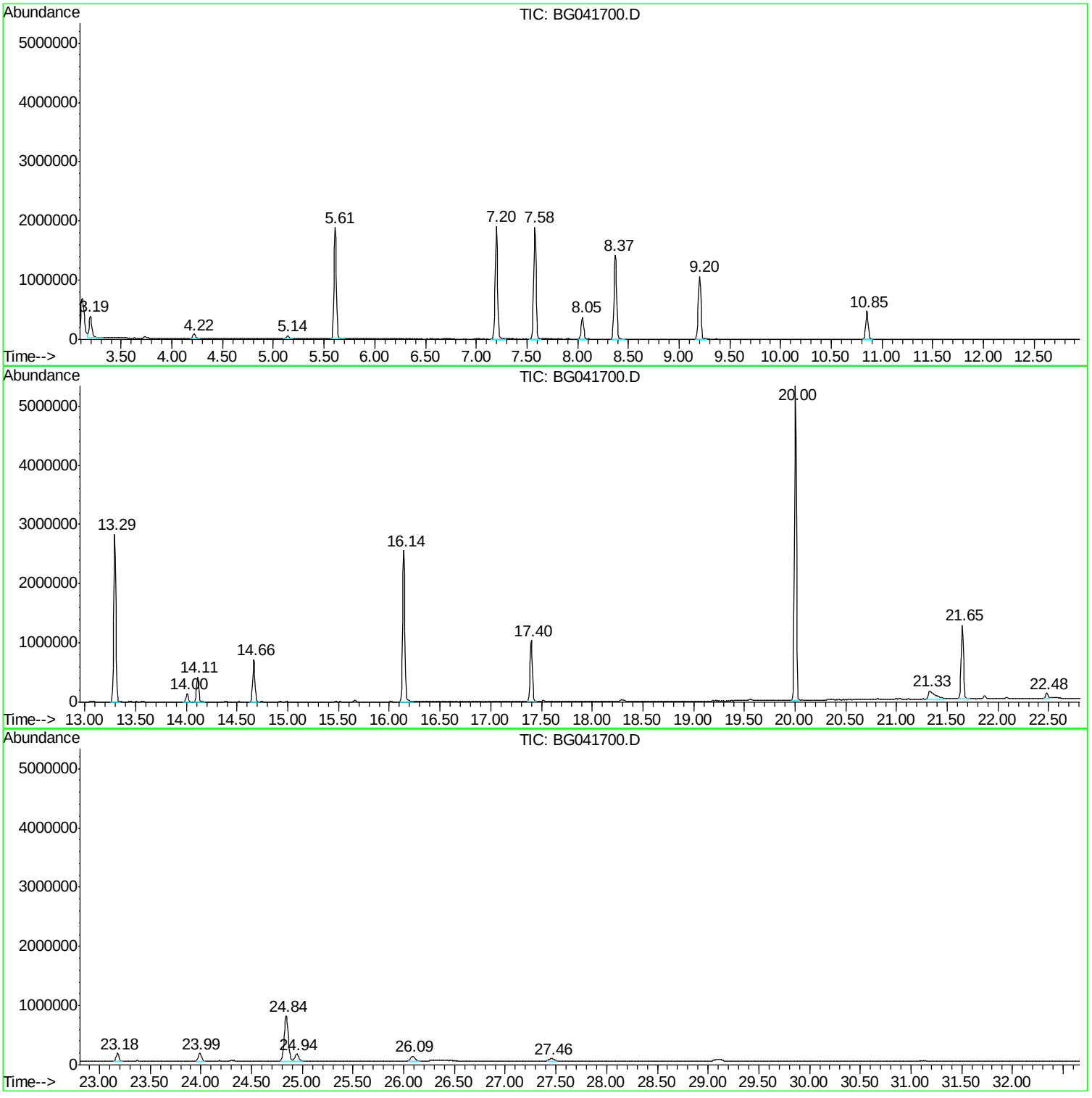
Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-5(0-2)

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041700.D
Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
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Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

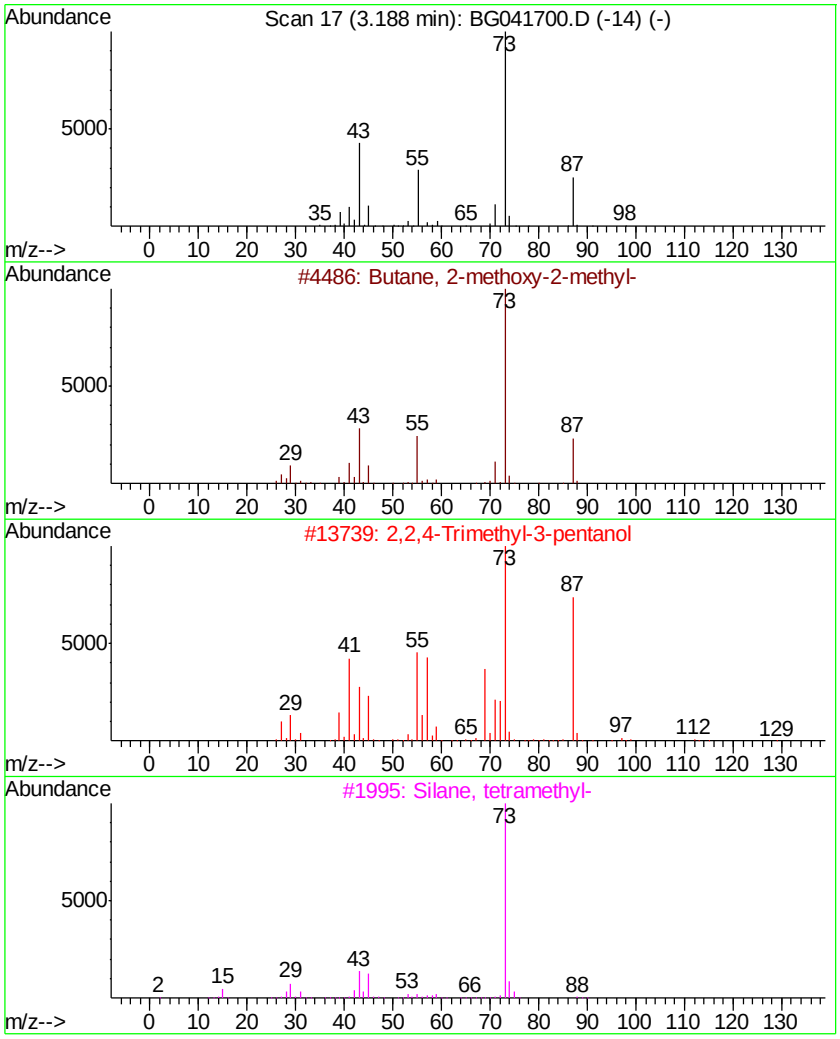
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

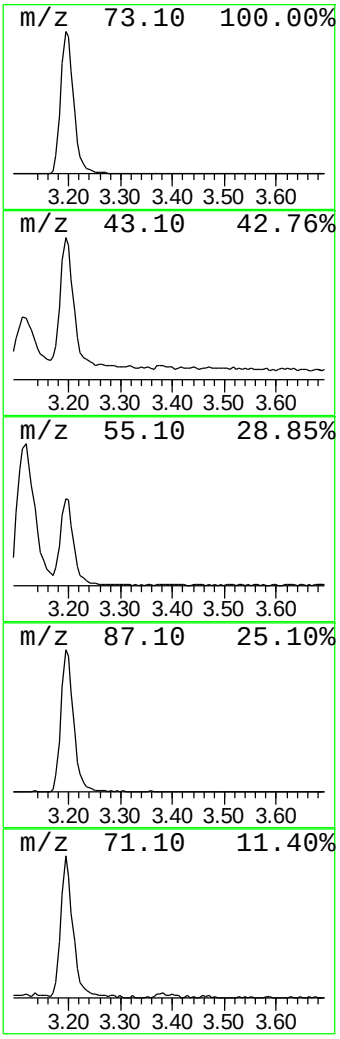
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	21.55 ng	674709	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	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041700.D
Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

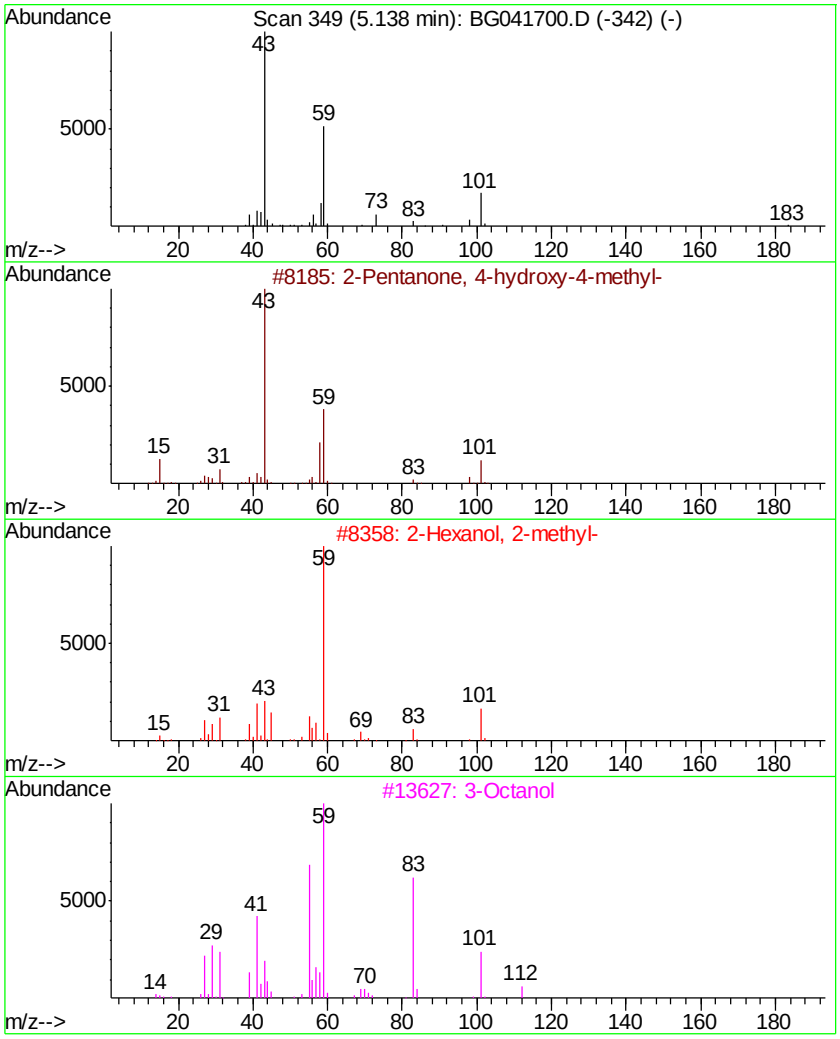
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

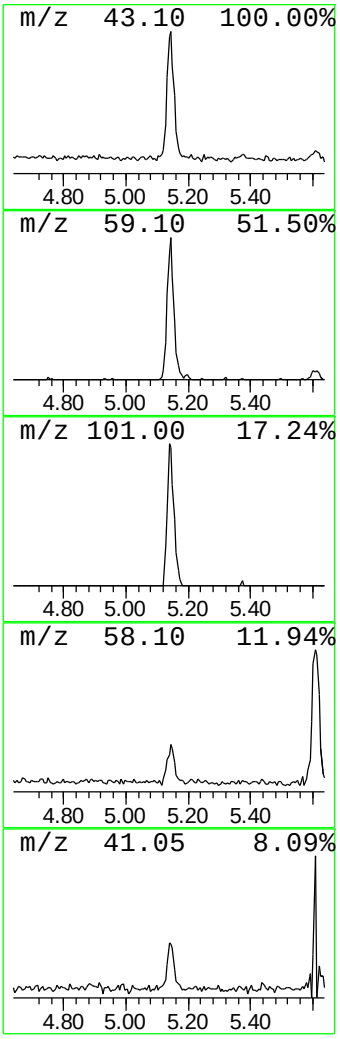
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	3.05 ng	95581	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38
3	3-Octanol	130	C8H18O	000589-98-0	33
4	Propane, 2-methoxy-	74	C4H10O	000598-53-8	23
5	Silane, dimethyl-	60	C2H8Si	001111-74-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041700.D
Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
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Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

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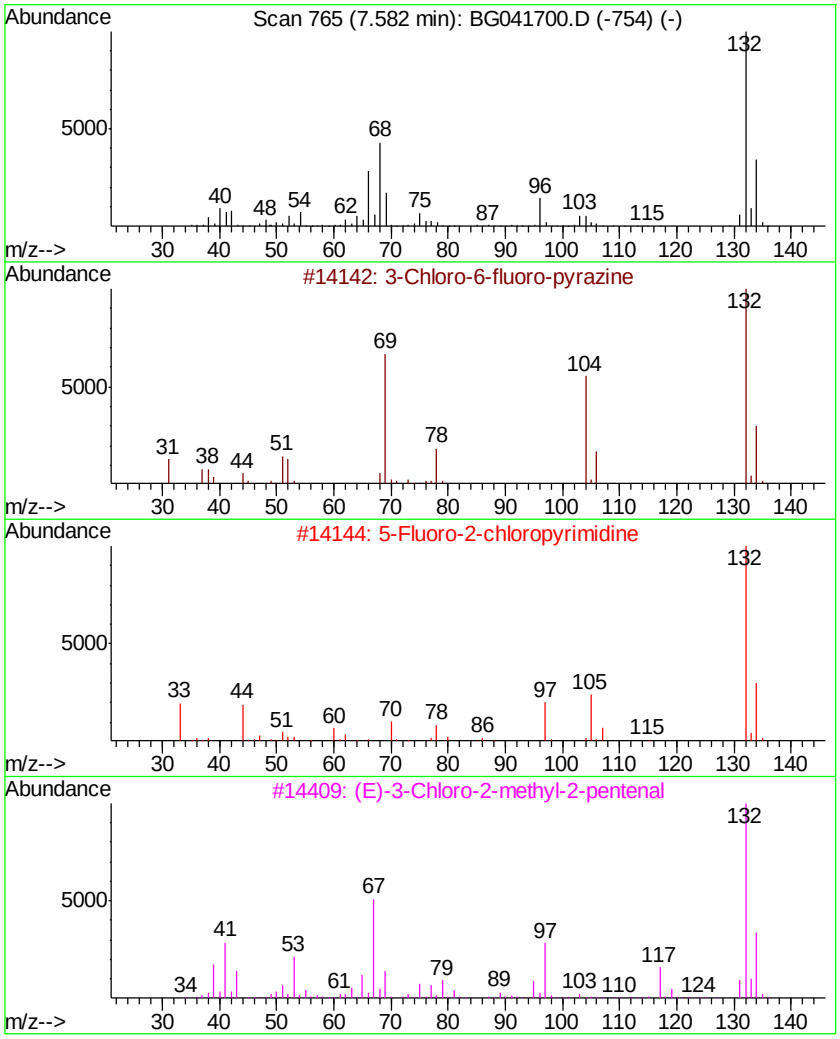
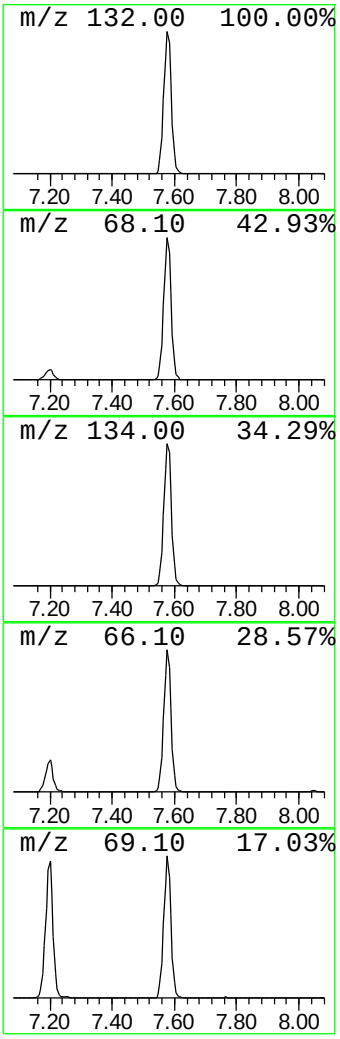
Peak Number 4 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	102.25 ng	3201130	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

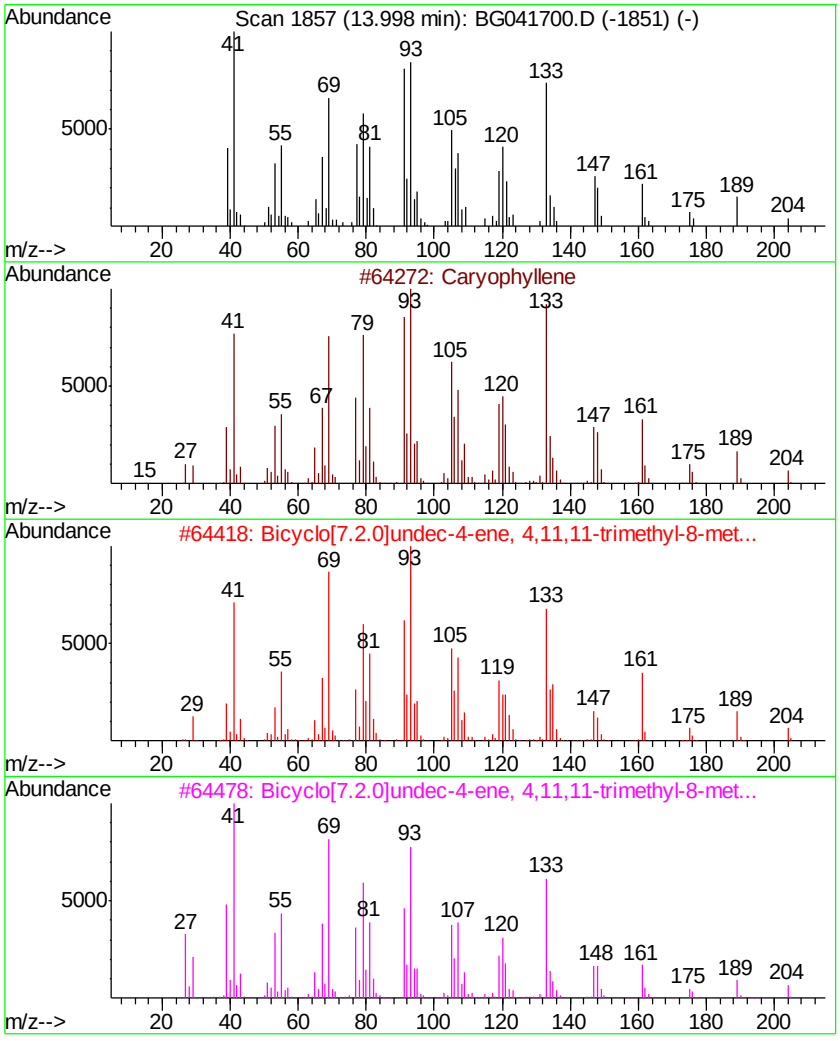
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

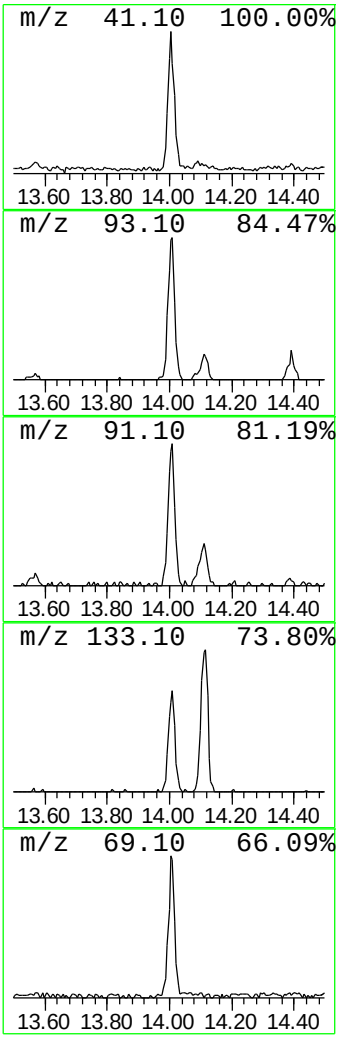
****

Peak Number 6 Caryophyllene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	3.71 ng	213491	Acenaphthene-d10	14.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Caryophyllene	204	C15H24	000087-44-5	99
2	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	013877-93-5	90
3	Bicyclo[7.2.0]undec-4-ene, 4,11,...	204	C15H24	000118-65-0	70
4	Bicyclo[5.2.0]nonane, 2-methylen...	204	C15H24	242794-76-9	56
5	3-Methylene-1,6-heptadiene	108	C8H12	016626-48-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041700.D
Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

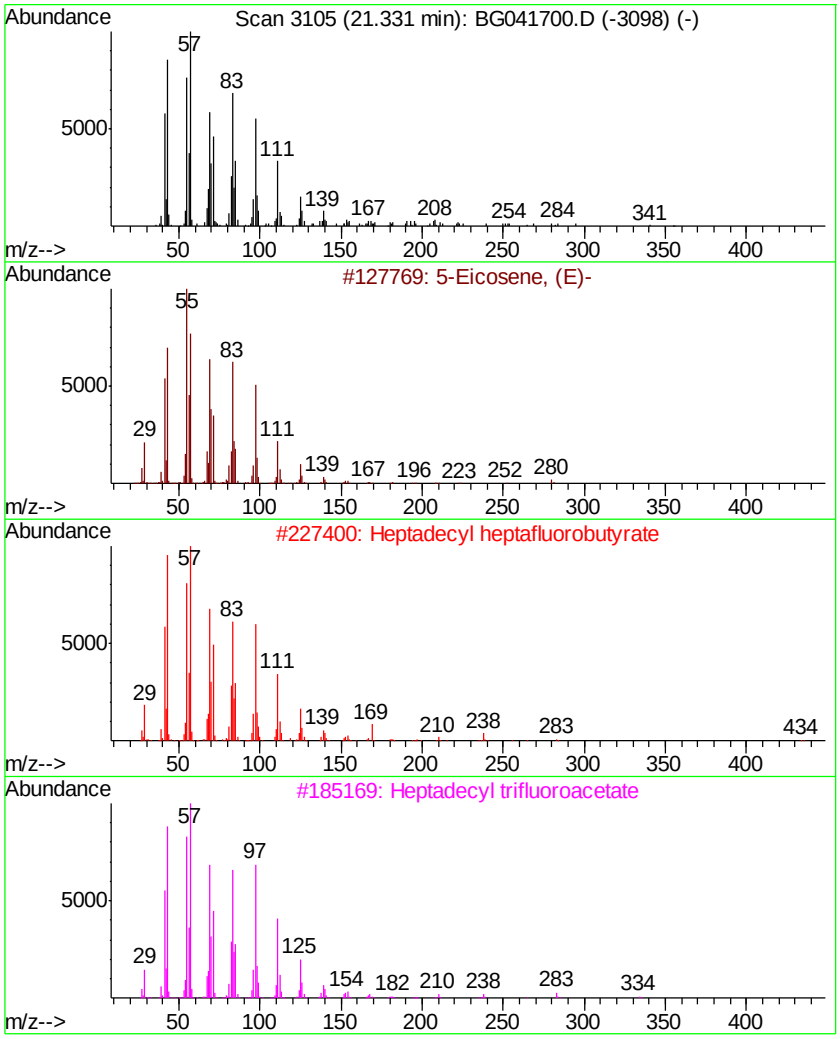
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

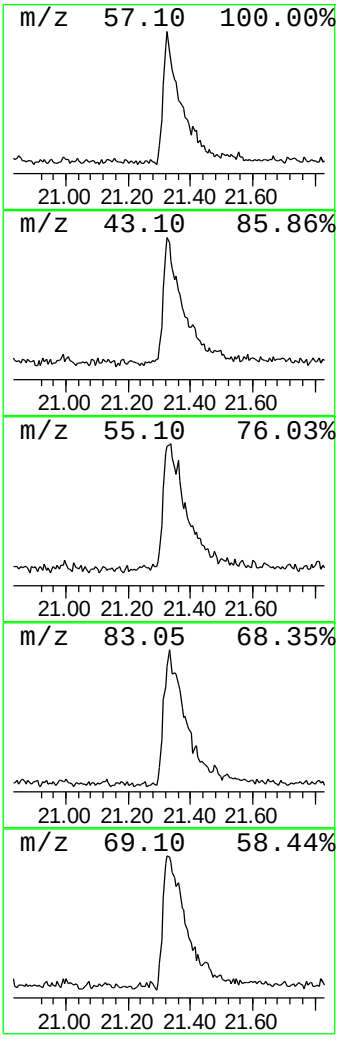
****

Peak Number 7 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	6.44 ng	644906	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Tetracosyl heptafluorobutyrate	550	C28H49F7O2	1000351-83-7	91





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

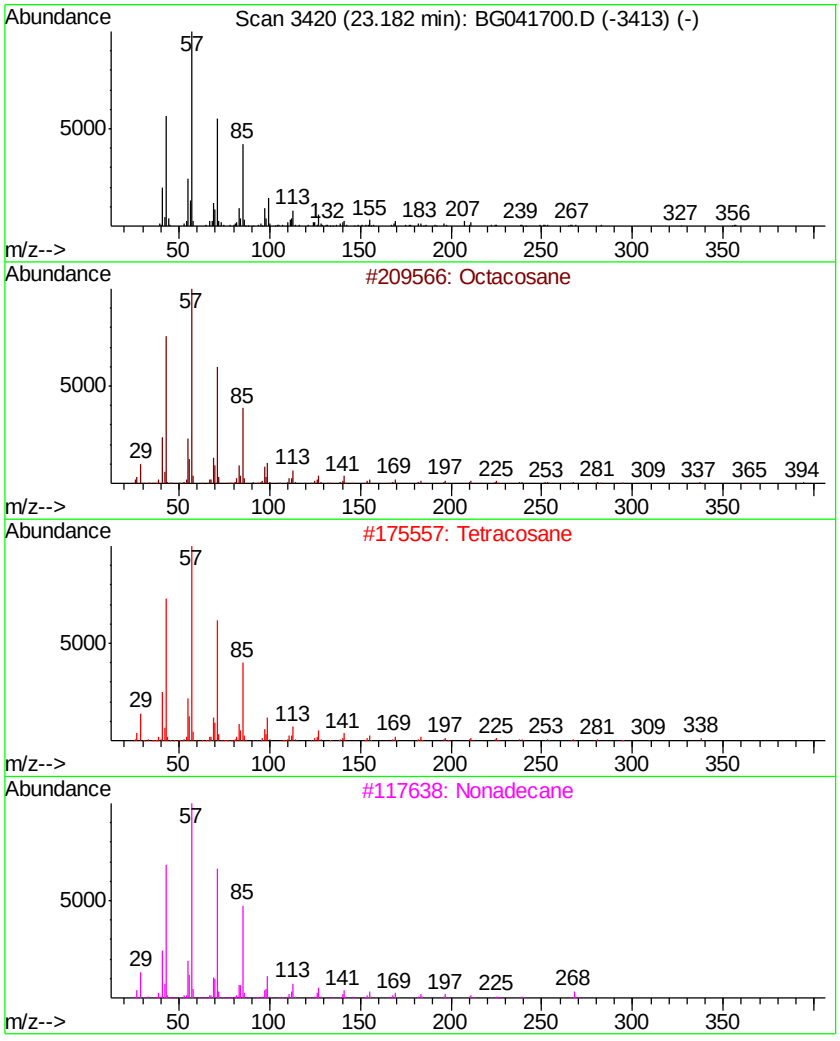
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

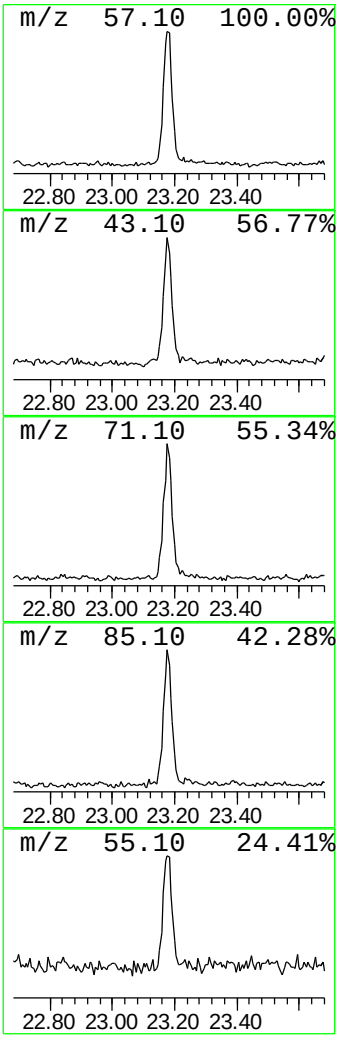
****

Peak Number 8 Octacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.39 ng	239546	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
5	Octadecane	254	C18H38	000593-45-3	87





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

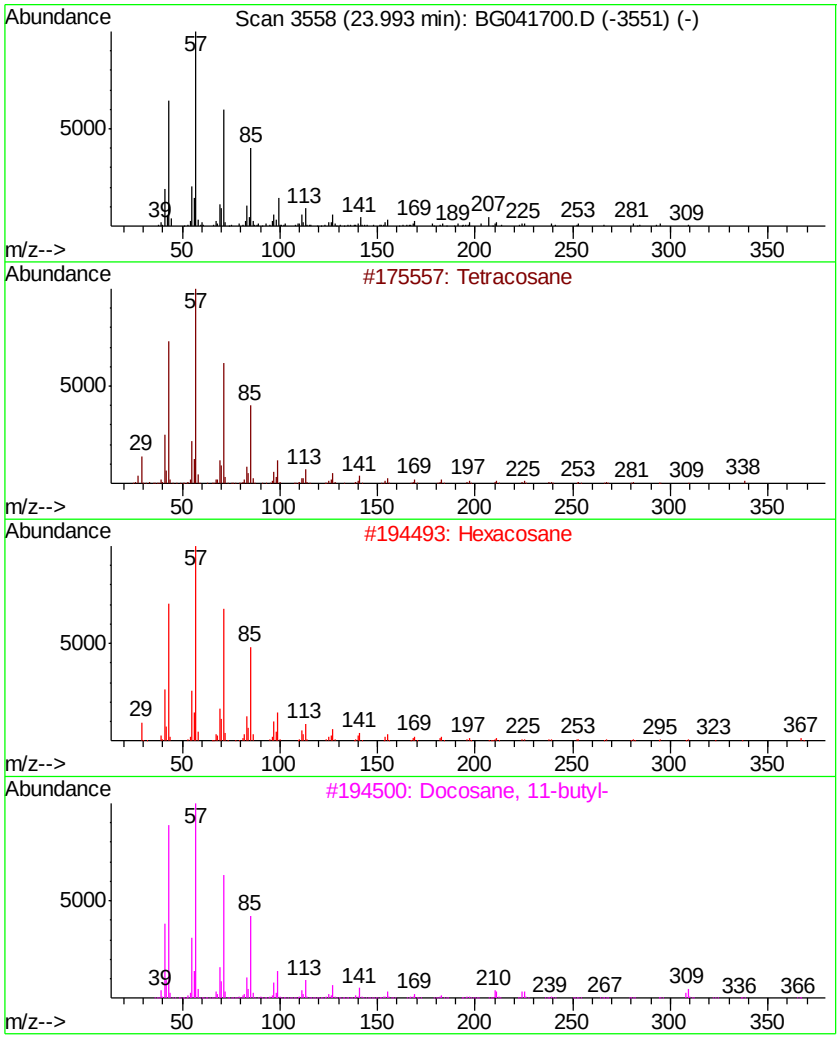
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

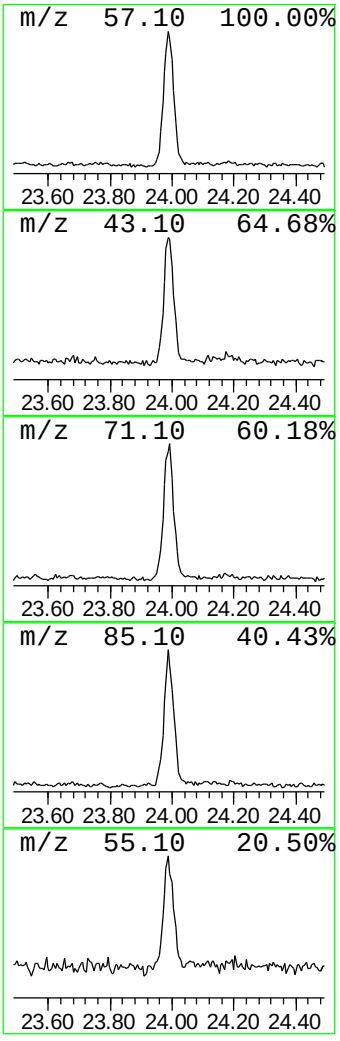
****

Peak Number 9 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.81 ng	292414	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
4	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
5	Docosane	310	C22H46	000629-97-0	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

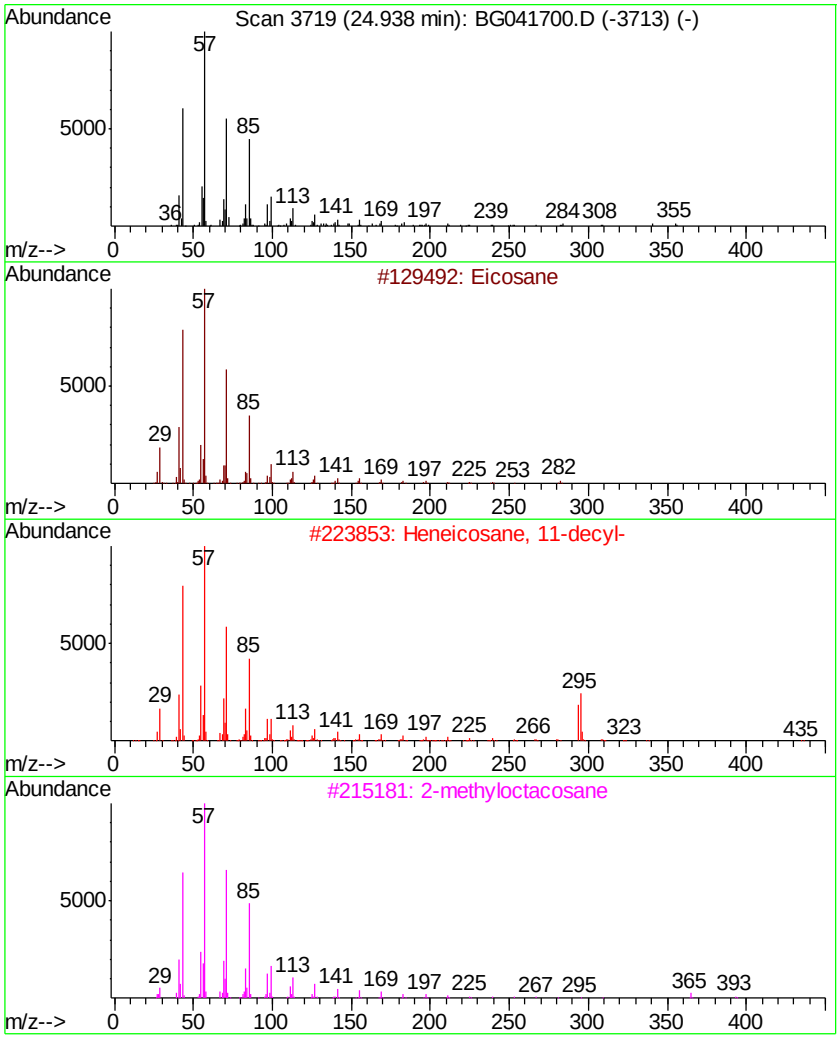
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

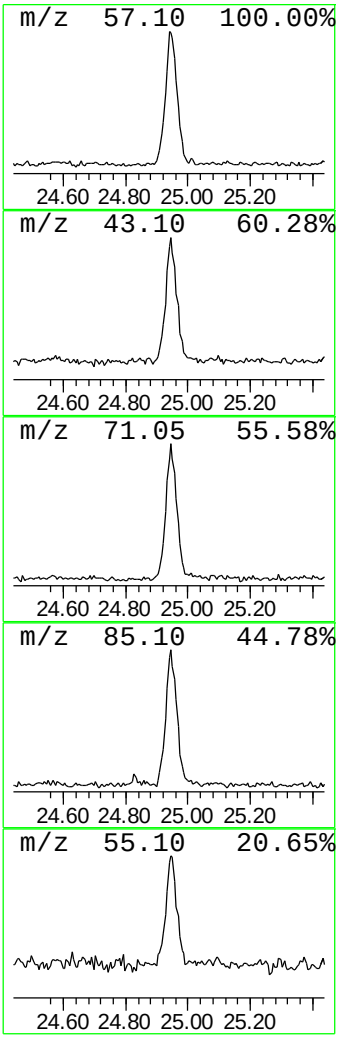
****

Peak Number 10 Eicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.94	2.93 ng	304300	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

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Operator : HP/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

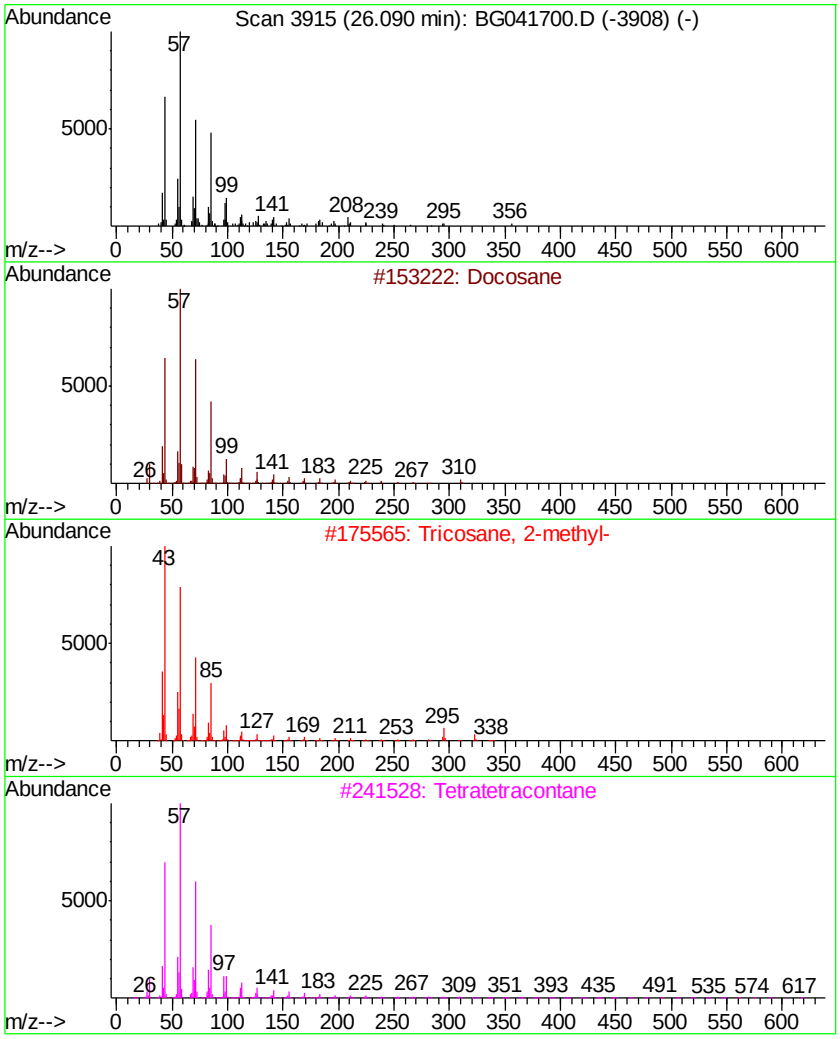
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

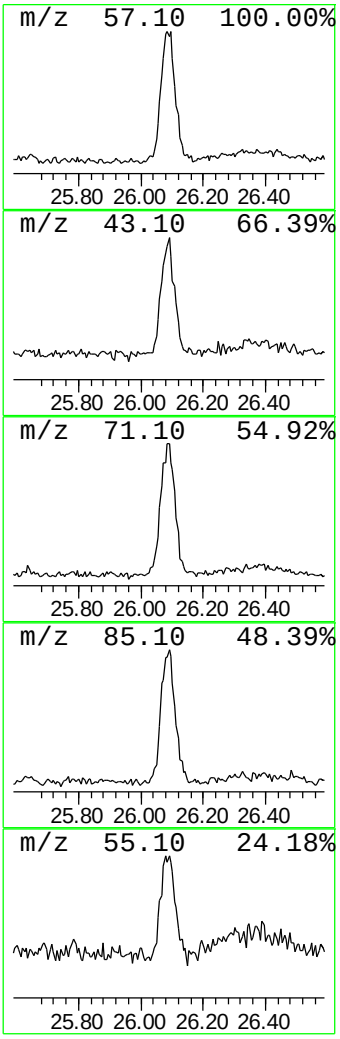
****

Peak Number 11 Docosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	2.35 ng	243778	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	80
2	Tricosane, 2-methyl-	338	C24H50	001928-30-9	80
3	Tetratetracontane	619	C44H90	007098-22-8	76
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72
5	Octadecane	254	C18H38	000593-45-3	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071719\
Data File : BG041700.D
Acq On : 17 Jul 2019 22:55
Operator : HP/JU
Sample : K3835-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-5(0-2)

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.19	21.6	ng	674709	1	8.05	626158	20.0
2-Pentanone, 4-hy...	5.14	3.0	ng	95581	1	8.05	626158	20.0
unknown7.58	7.58	102.3	ng	3201130	1	8.05	626158	20.0
Caryophyllene	14.00	3.7	ng	213491	3	14.66	1151450	20.0
5-Eicosene, (E)-	21.33	6.4	ng	644906	5	21.65	2002130	20.0
Octacosane	23.18	2.4	ng	239546	5	21.65	2002130	20.0
Tetracosane	23.99	2.8	ng	292414	6	24.84	2078770	20.0
Eicosane	24.94	2.9	ng	304300	6	24.84	2078770	20.0
Docosane	26.09	2.4	ng	243778	6	24.84	2078770	20.0