LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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	3.194	13	18	30	rVB	481131	764237	13.05%	2.189%
2	5.609	421	429	438	rBV	1569061	2474902	42.25%	7.090%
3	7.195	691	699	719	rBV	1573525	2771724	47.31%	7.940%
4	7.577	756	764	771	rBV	1573790	2683452	45.81%	7.688%
5	7.636	771	774	780	rVB	45771	68243	1.16%	0.196%
6	8.047	837	844	852	rBV	339065	580269	9.91%	1.662%
7	8.370	891	899	910	rVB	1134611	1961814	33.49%	5.620%
8	9.199	1032	1040	1050	rBV	905368	1642112	28.03%	4.704%
9	10.850	1314	1321	1330	rVB	437887	812396	13.87%	2.327%
10	13.294	1729	1737	1746	rBV	2356500	3618270	61.76%	10.366%
11	14.111	1870	1876	1886	rBV	367129	539364	9.21%	1.545%
12	14.663	1963	1970	1980	rBV2	678973	1117084	19.07%	3.200%
13	16.143	2215	2222	2239	rBV	1879576	3025923	51.65%	8.669%
14	17.401	2428	2436	2445	rBV	1020490	1547925	26.42%	4.434%
15	20.004	2872	2879	2889	rBV	4397258	5858297	100.00%	16.783%
16	21.326	3098	3104	3118	rBV5	64087	254189	4.34%	0.728%
17	21.649	3152	3159	3168	rBV	1159471	1887346	32.22%	5.407%
18	21.866	3192	3196	3201	rVB2	43782	64535	1.10%	0.185%
19	22.483	3295	3301	3307	rBV	83206	144650	2.47%	0.414%
20	23.176	3413	3419	3429	rVB	113678	222246	3.79%	0.637%
21	23.987	3550	3557	3566	rVB	121858	270360	4.61%	0.775%
22	24.839	3692	3702	3713	rBV2	681592	1967678	33.59%	5.637%
23	24.939	3713	3719	3731	rVB2	108388	279608	4.77%	0.801%
24	26.085	3907	3914	3923	rVB3	73277	204347	3.49%	0.585%
25	27.460	4141	4148	4160	rVB5	42848	145586	2.49%	0.417%

Sum of corrected areas: 34906557

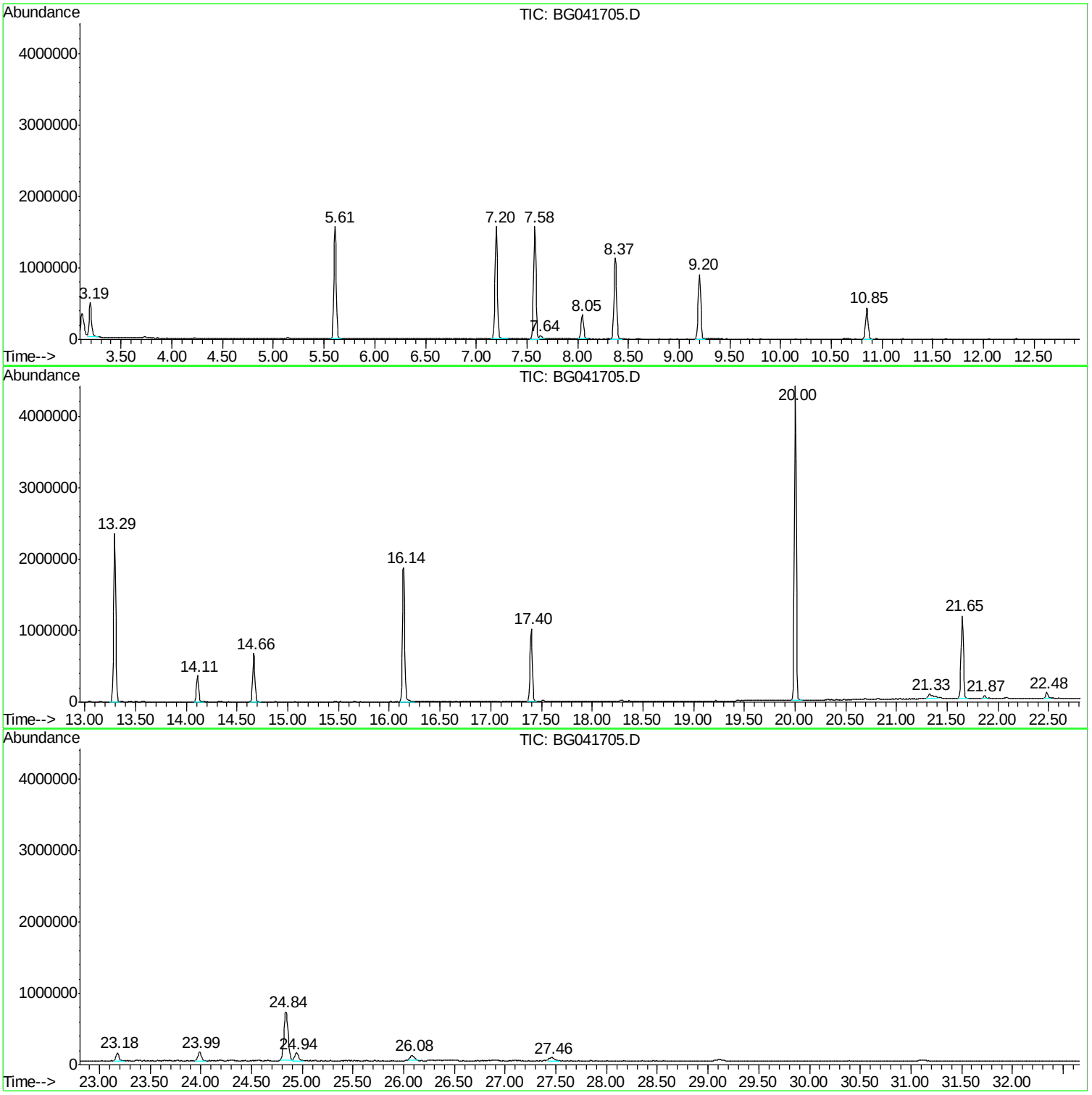
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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

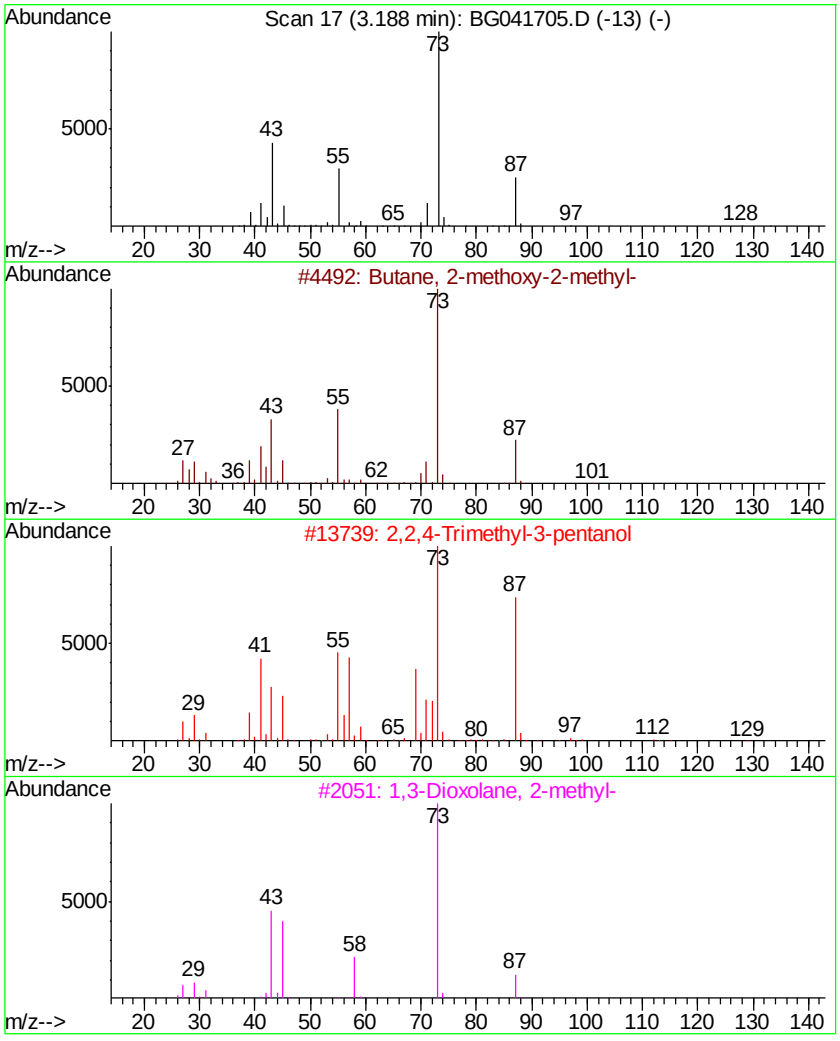
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

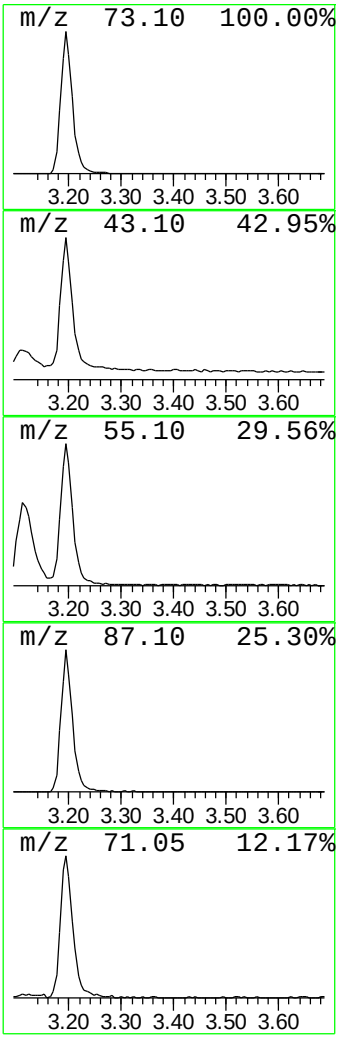
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	26.34 ng	764237	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	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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

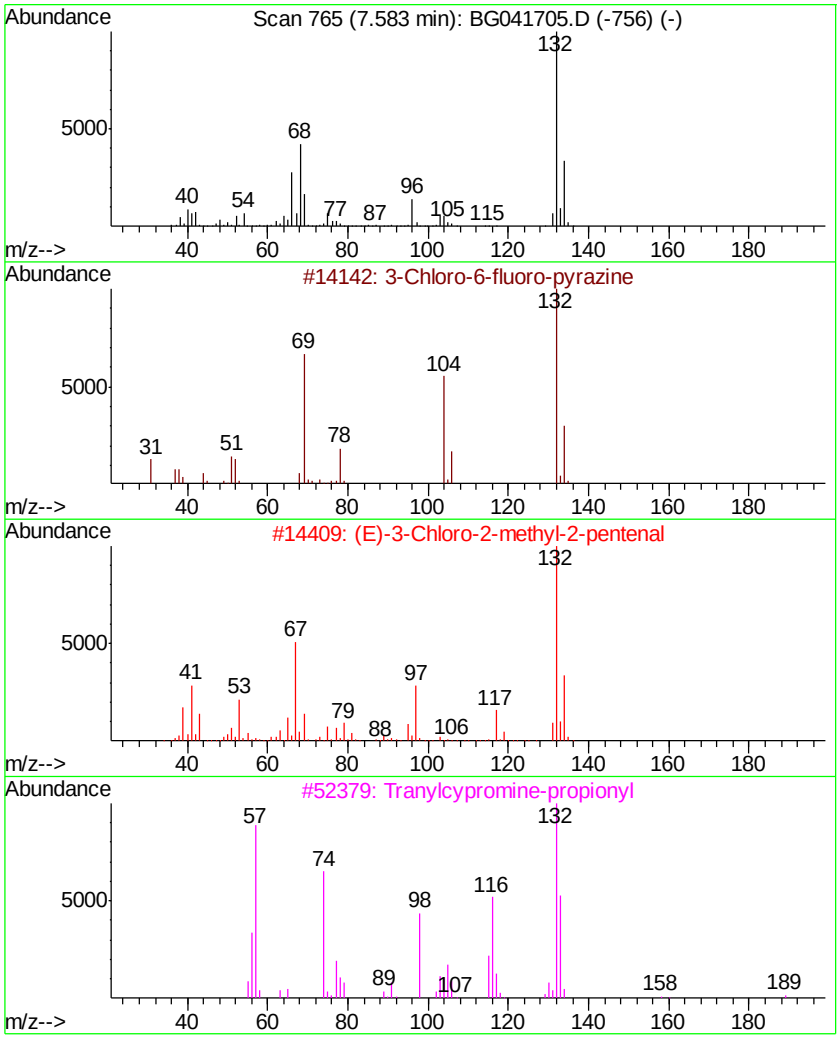
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

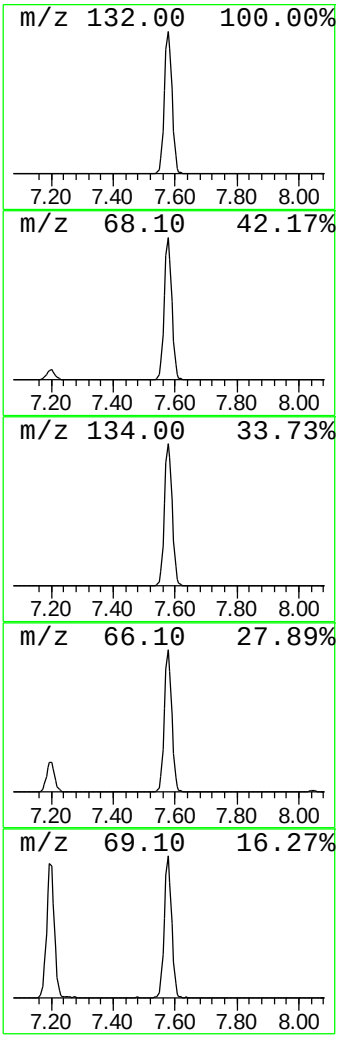
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	92.49 ng	2683450	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	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	12
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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

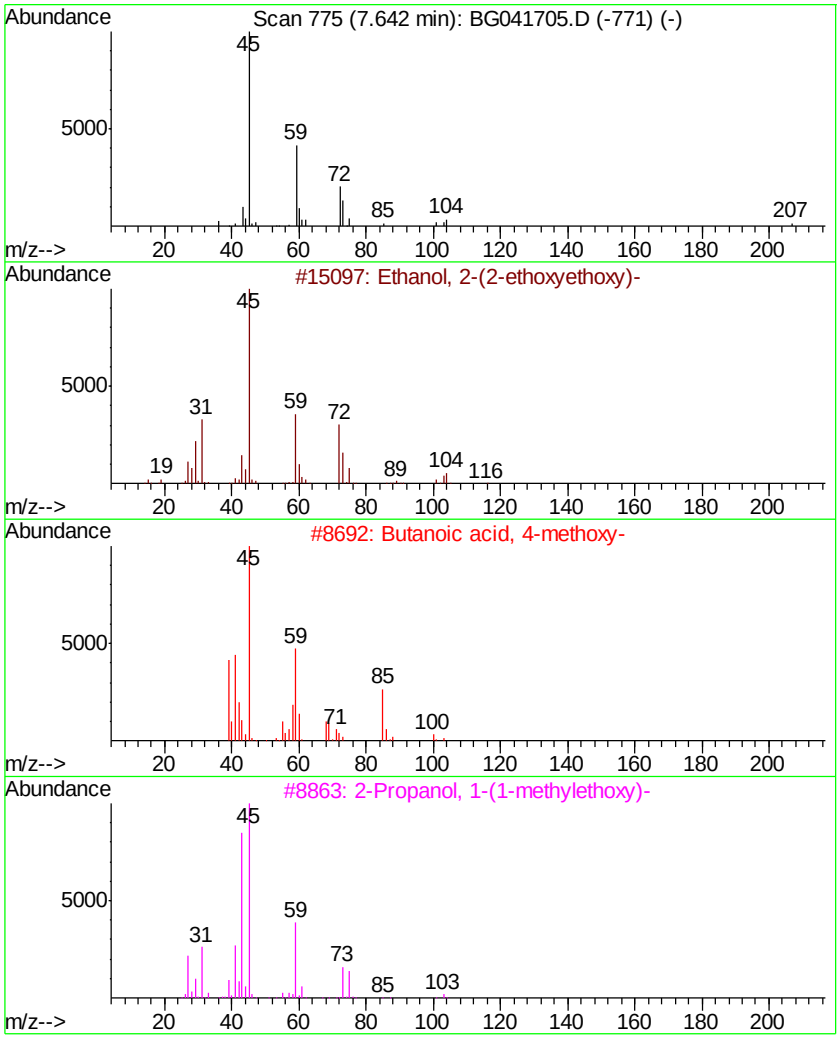
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

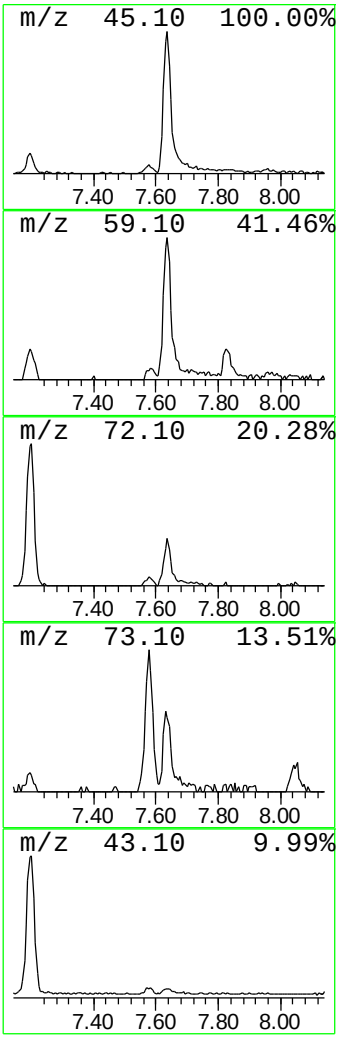
****

Peak Number 3 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	2.35 ng	68243	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Butanoic acid, 4-methoxy-	118	C5H10O3	029006-02-8	38
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	36
5	Acetic acid, (2-ethoxy)ethoxy-, ...	162	C7H14O4	016326-34-4	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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

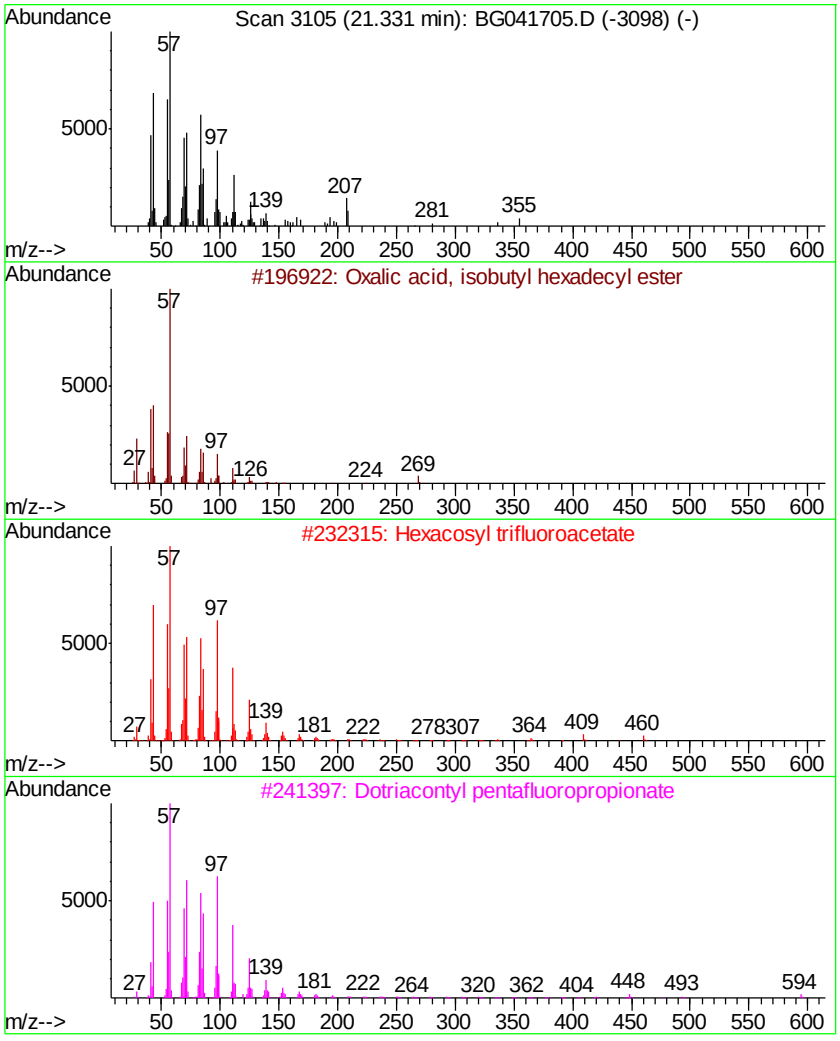
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

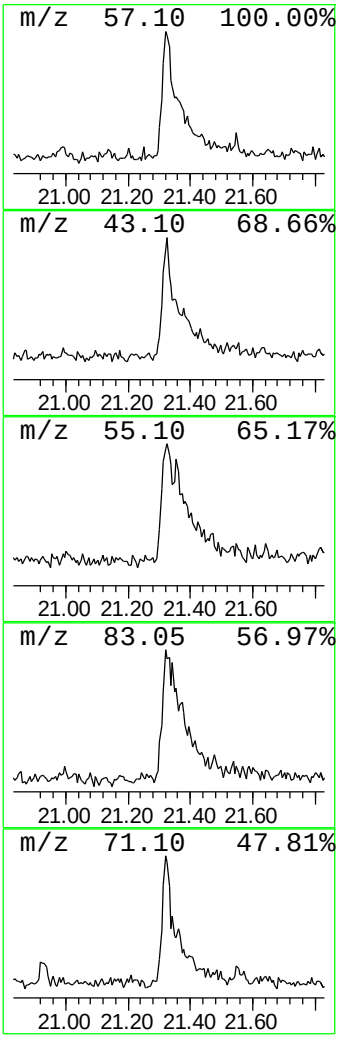
****

Peak Number 5 Oxalic acid, isobutyl hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.69 ng	254189	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	87
2	Hexacosyl trifluoroacetate	478	C28H53F3O2	1000351-75-0	83
3	Dotriacontyl pentafluoropropionate	612	C35H65F5O2	1000351-81-4	83
4	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	83
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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

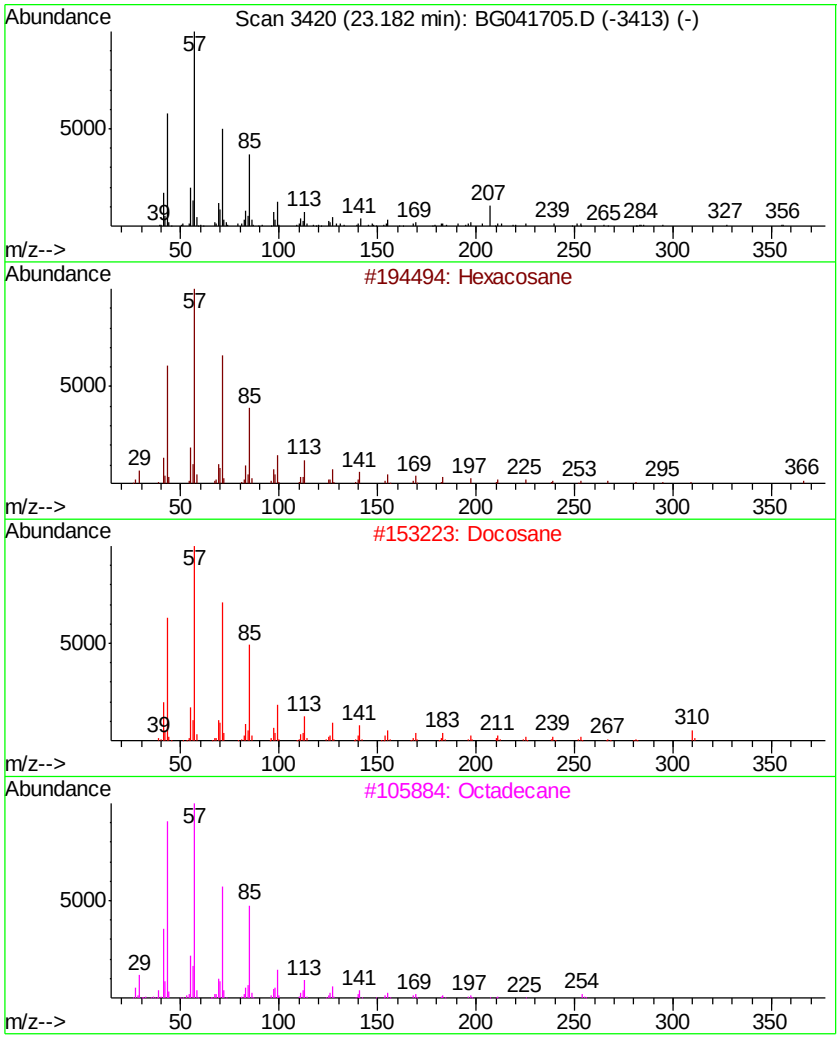
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

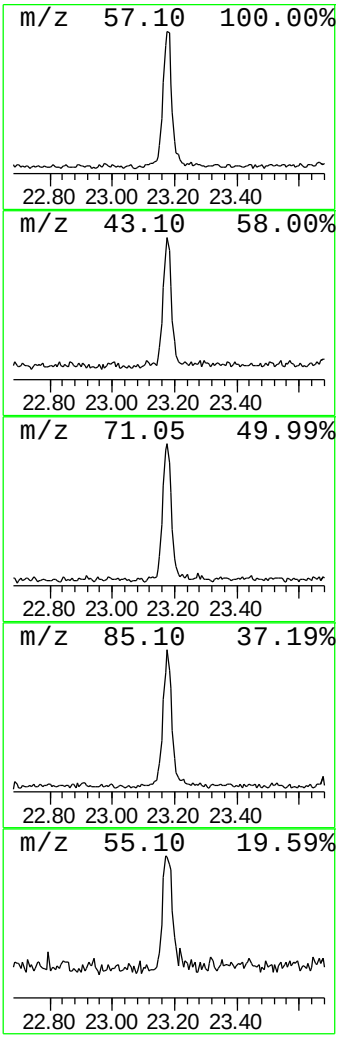
****

Peak Number 6 Hexacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.36 ng	222246	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Docosane	310	C22H46	000629-97-0	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	87





Library Search Compound Report

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Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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

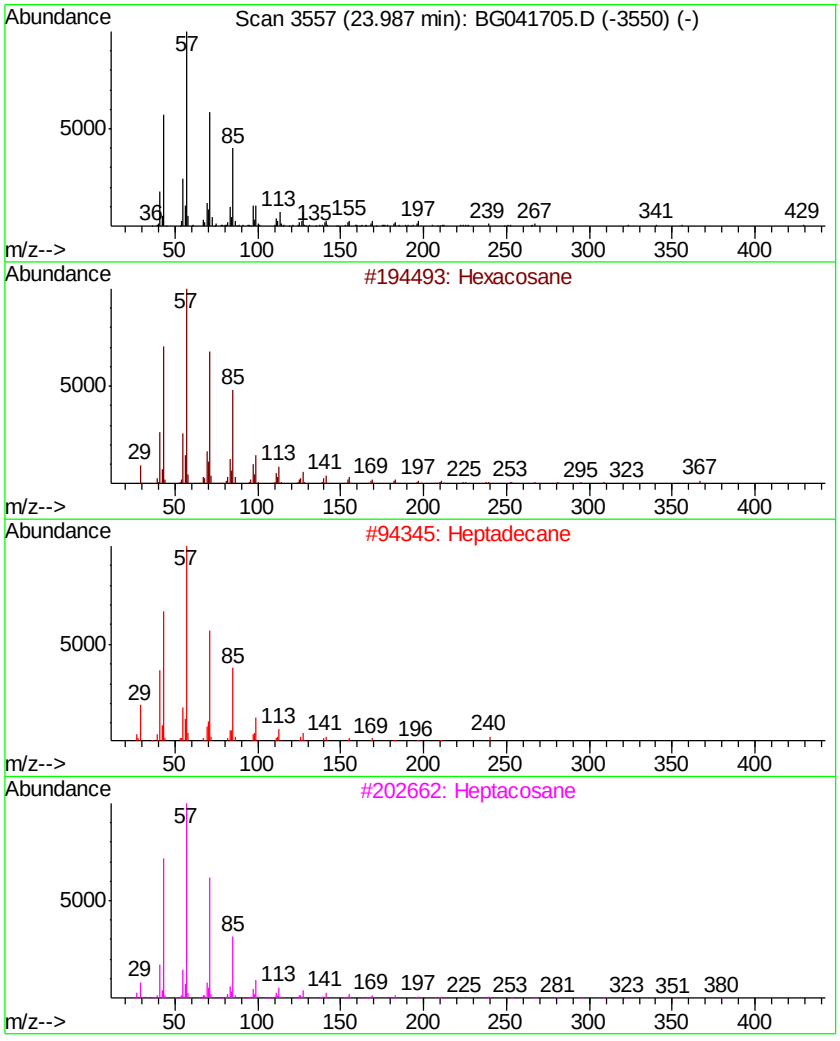
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

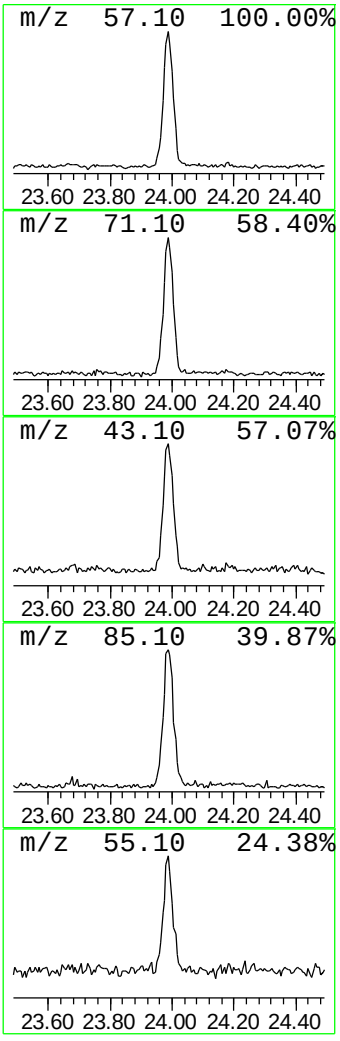
****

Peak Number 7 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.75 ng	270360	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	90
2	Heptadecane	240	C17H36	000629-78-7	87
3	Heptacosane	380	C27H56	000593-49-7	87
4	Octadecane	254	C18H38	000593-45-3	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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

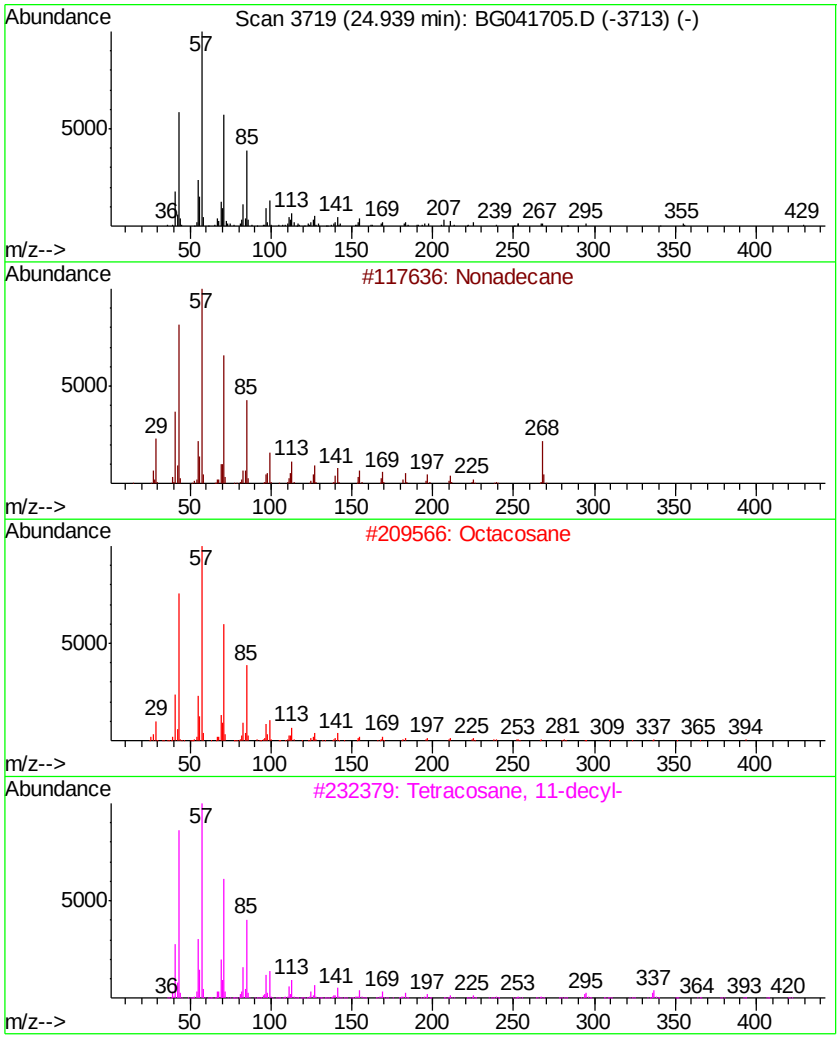
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

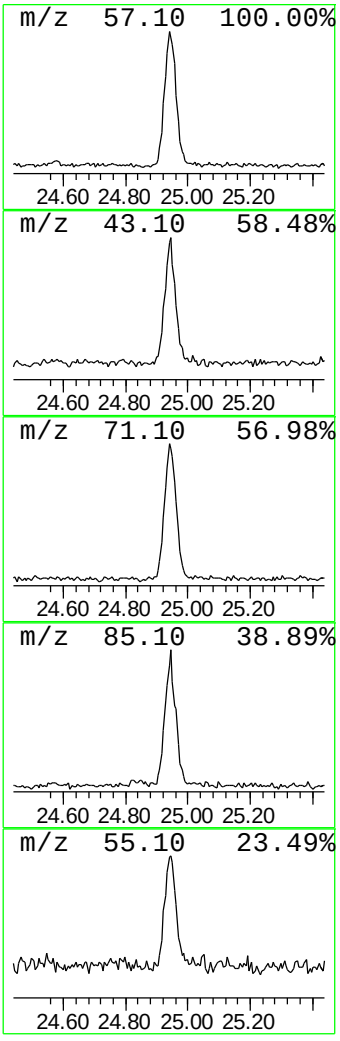
****

Peak Number 8 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.94	2.84 ng	279608	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Octacosane	394	C28H58	000630-02-4	90
3	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	87
4	Docosane, 11-decyl-	451	C32H66	055401-55-3	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-11(8-10)

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

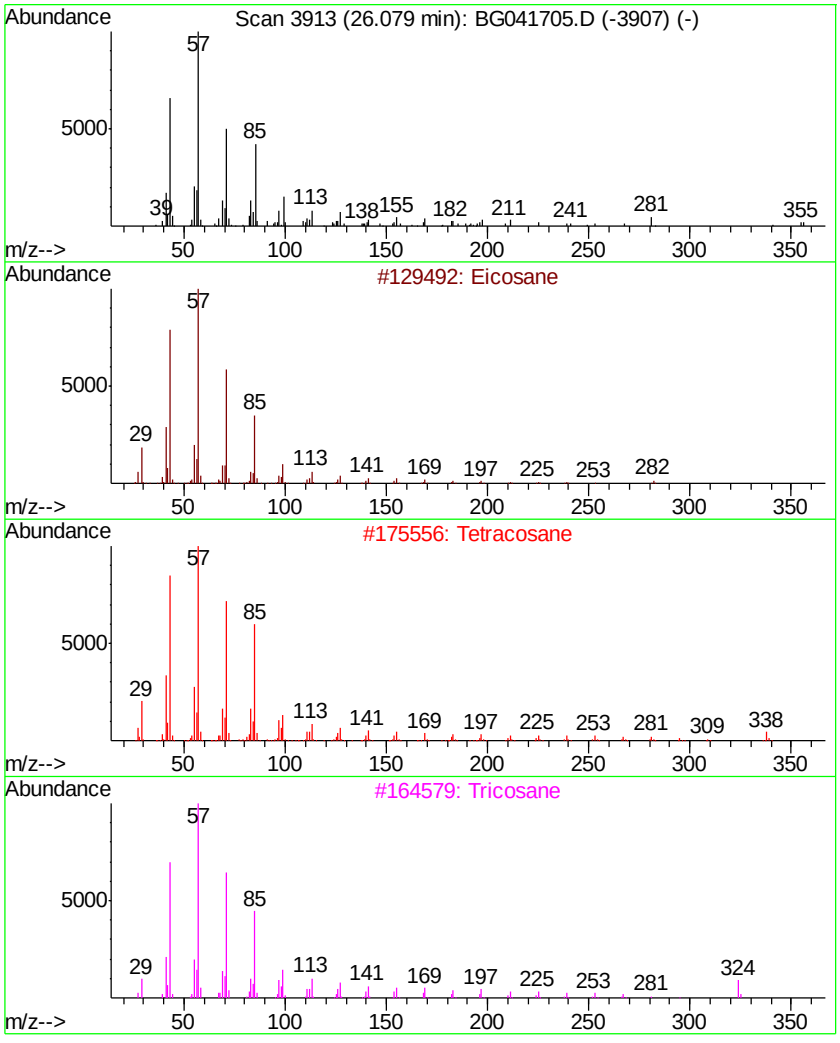
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

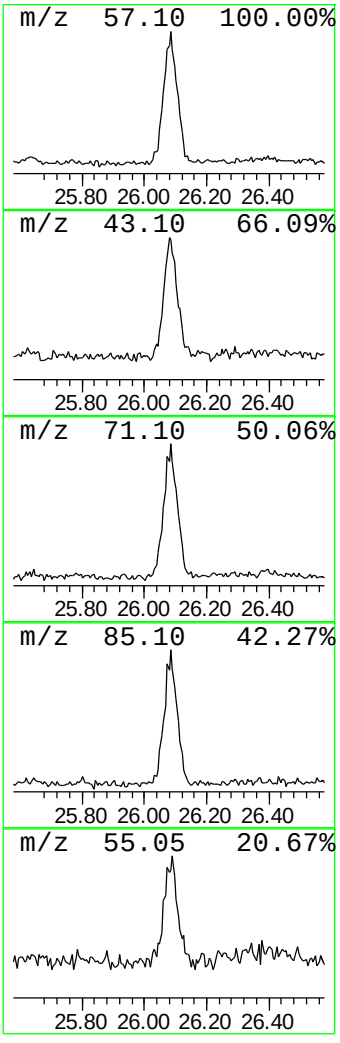
****

Peak Number 9 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.08	2.08 ng	204347	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetracosane	338	C24H50	000646-31-1	87
3	Tricosane	324	C23H48	000638-67-5	87
4	Hentriacontane	437	C31H64	000630-04-6	76
5	Heneicosane	296	C21H44	000629-94-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071719\
Data File : BG041705.D
Acq On : 18 Jul 2019 2:07
Operator : HP/JU
Sample : K3835-30
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-11(8-10)

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	26.3	ng	764237	1	8.05	580269	20.0
unknown7.58	7.58	92.5	ng	2683450	1	8.05	580269	20.0
Ethanol, 2-(2-eth...	7.64	2.4	ng	68243	1	8.05	580269	20.0
Oxalic acid, isob...	21.33	2.7	ng	254189	5	21.65	1887350	20.0
Hexacosane	23.18	2.4	ng	222246	5	21.65	1887350	20.0
Heptadecane	23.99	2.8	ng	270360	6	24.84	1967680	20.0
Nonadecane	24.94	2.8	ng	279608	6	24.84	1967680	20.0
Eicosane	26.08	2.1	ng	204347	6	24.84	1967680	20.0