LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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	13	18	28	rVB	371636	626615	9.76%	1.606%
2	5.608	422	429	442	rBV	1767104	2797280	43.58%	7.169%
3	7.200	691	700	718	rBV	1781815	3101500	48.32%	7.949%
4	7.576	756	764	773	rBV	1728289	3009695	46.89%	7.714%
5	8.046	837	844	851	rVB	368812	621773	9.69%	1.594%
6	8.369	890	899	907	rBV	1283973	2303071	35.88%	5.903%
7	9.204	1032	1041	1048	rBV	1044357	1868859	29.11%	4.790%
8	10.855	1314	1322	1332	rVB	474882	856178	13.34%	2.194%
9	13.293	1730	1737	1750	rBV	2485727	3947627	61.50%	10.117%
10	13.569	1778	1784	1793	rBV2	51600	90998	1.42%	0.233%
11	14.110	1869	1876	1888	rBV	503412	764856	11.92%	1.960%
12	14.662	1963	1970	1981	rBV2	744064	1174473	18.30%	3.010%
13	16.142	2214	2222	2241	rBV	2295731	3565129	55.54%	9.137%
14	17.400	2428	2436	2445	rBV	1062987	1606504	25.03%	4.117%
15	20.003	2873	2879	2885	rBV	4570439	6419234	100.00%	16.452%
16	21.325	3099	3104	3129	rBV4	132939	568116	8.85%	1.456%
17	21.648	3152	3159	3167	rBV2	1195480	1949698	30.37%	4.997%
18	21.871	3193	3197	3202	rVB2	62027	88273	1.38%	0.226%
19	22.482	3296	3301	3310	rBV2	116604	207311	3.23%	0.531%
20	23.181	3413	3420	3428	rVB	163147	326734	5.09%	0.837%
21	23.992	3551	3558	3566	rVB2	178172	388790	6.06%	0.996%
22	24.844	3693	3703	3713	rBV2	707683	2004600	31.23%	5.138%
23	24.950	3714	3721	3732	rVB3	153660	400579	6.24%	1.027%
24	26.090	3907	3915	3925	rVB3	109089	330480	5.15%	0.847%

Sum of corrected areas: 39018373

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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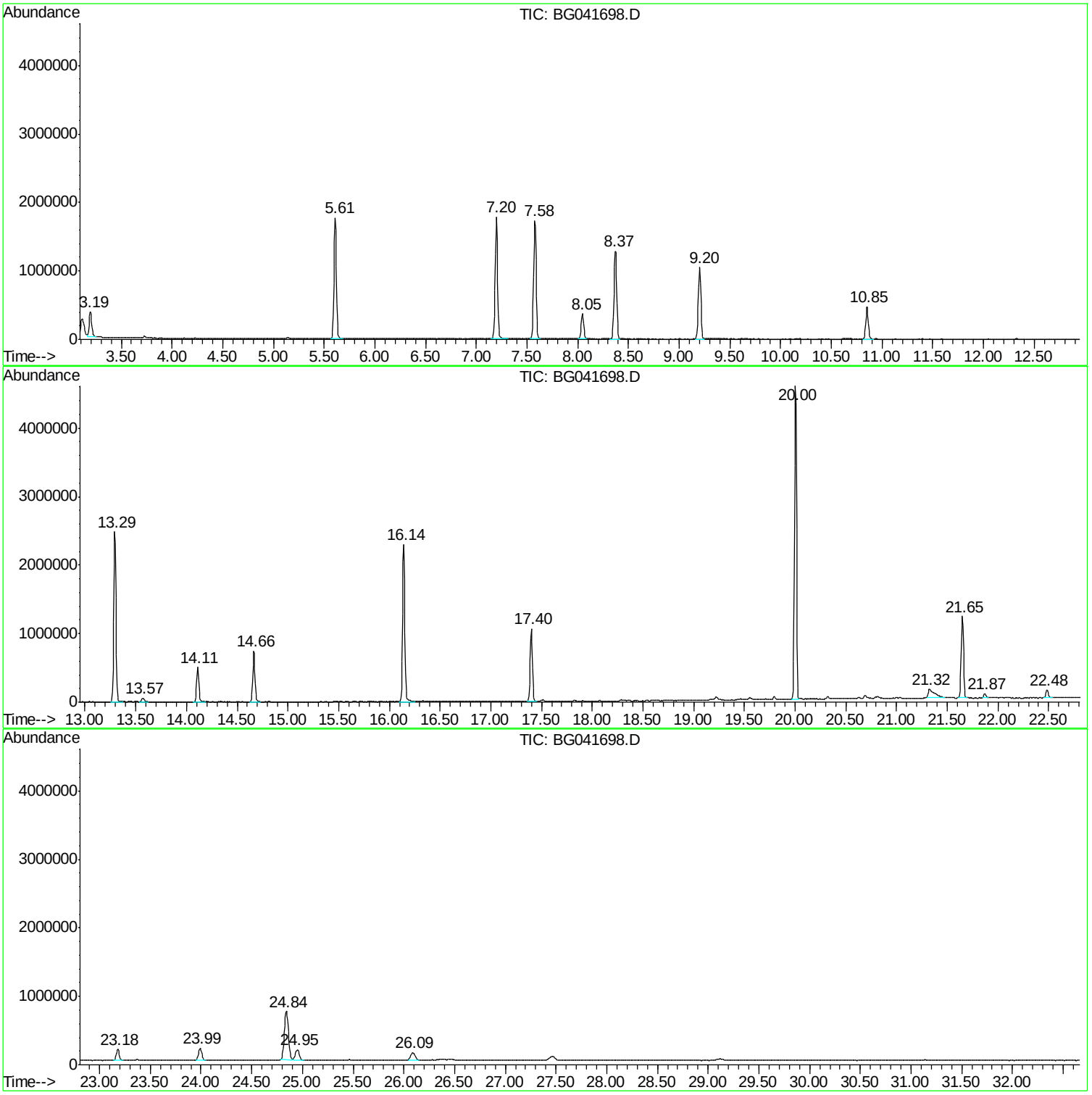
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-3(6-8)

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 : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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

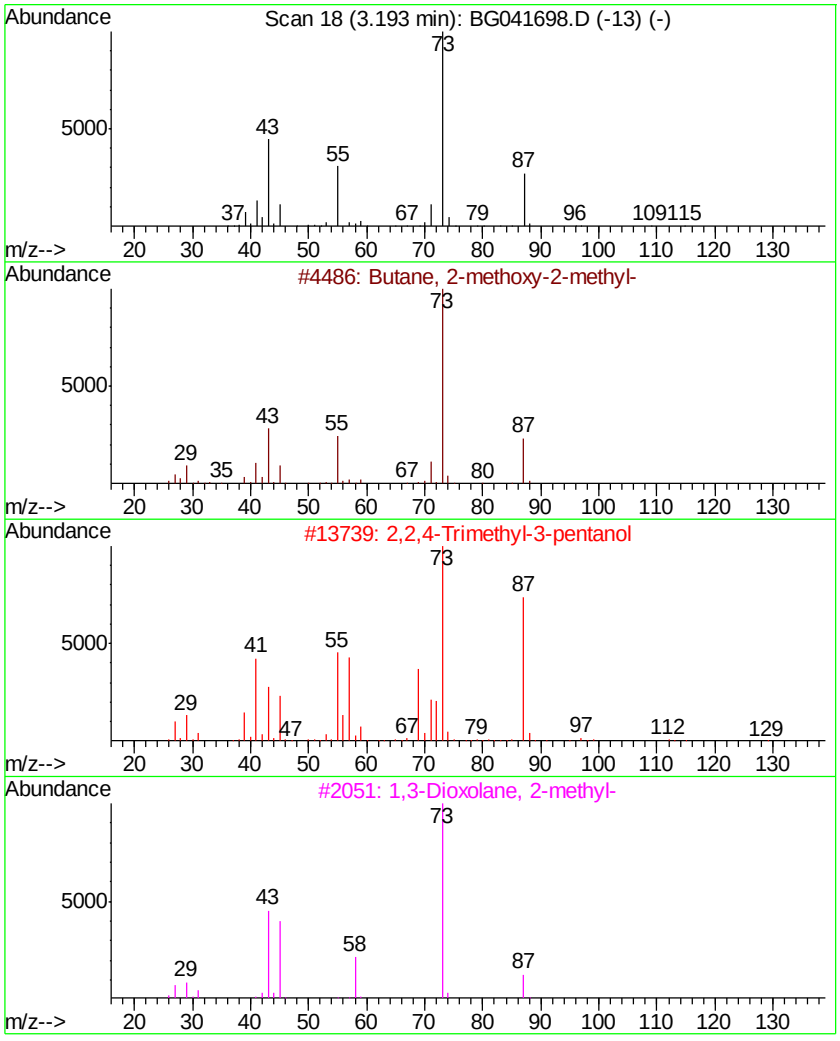
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

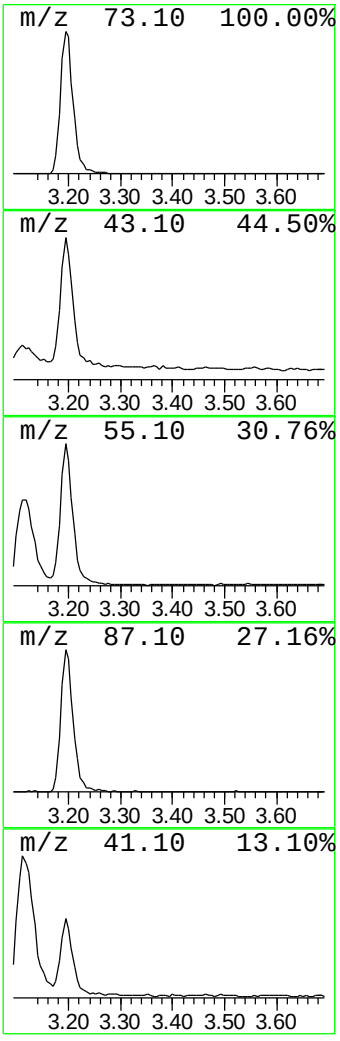
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	20.16 ng	626615	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	72
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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

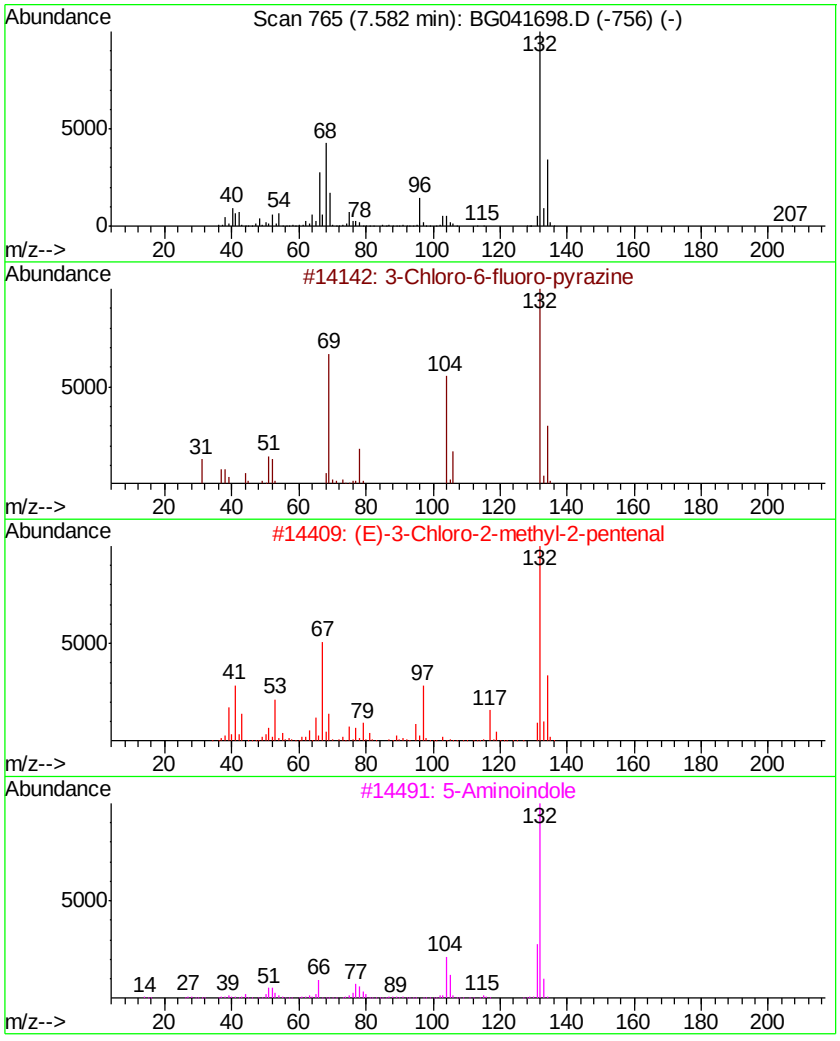
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

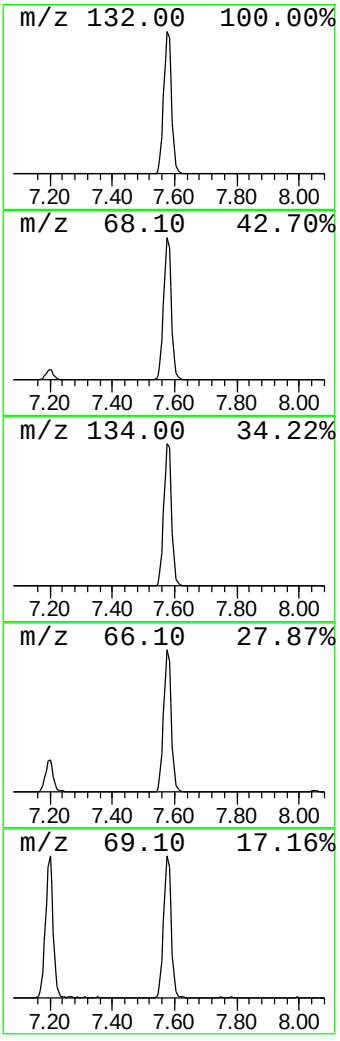
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	96.81 ng	3009700	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	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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

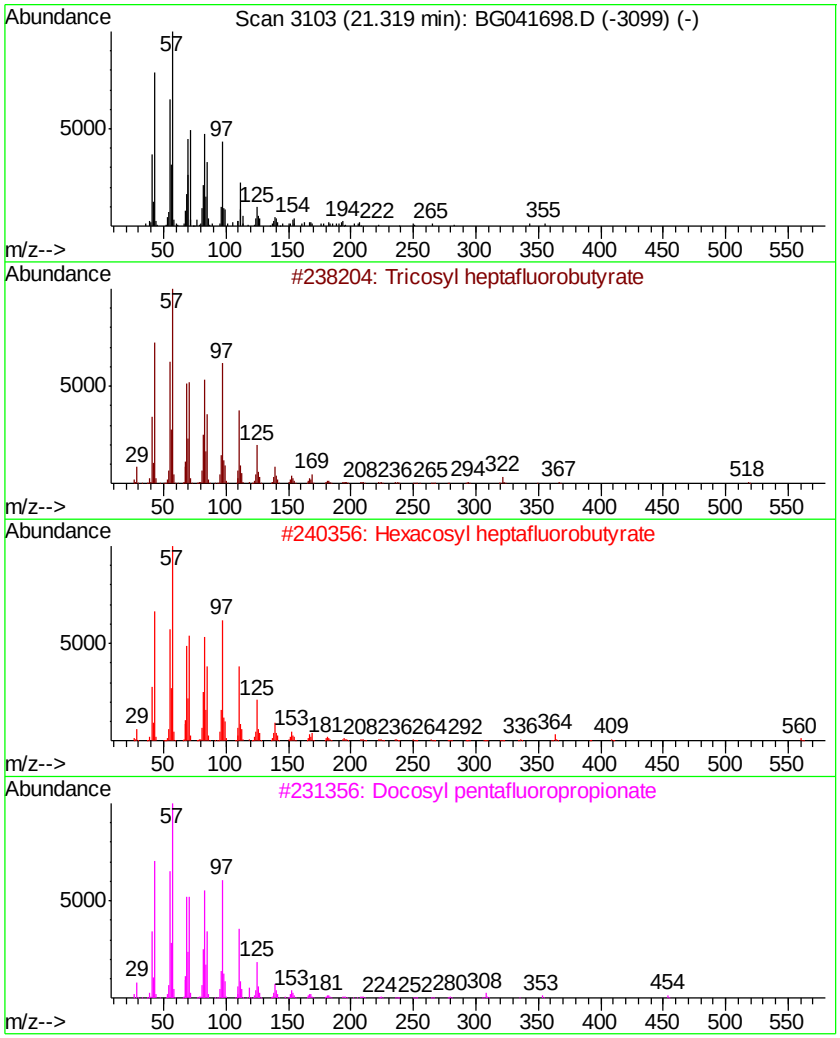
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

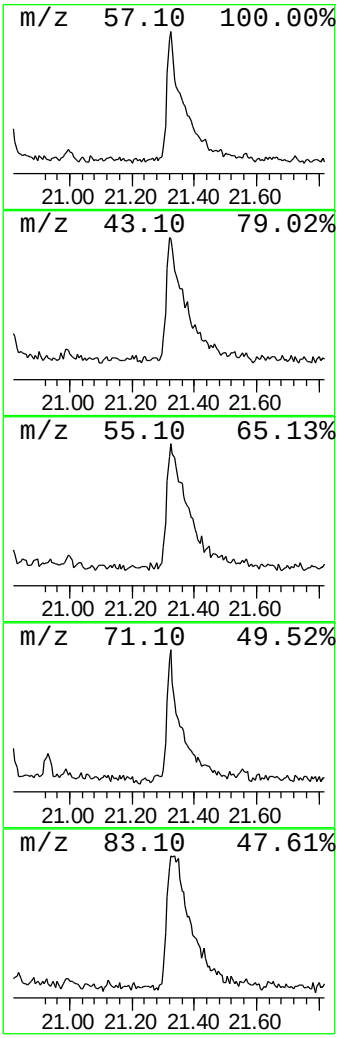
****

Peak Number 4 Tricosyl heptafluorobutyrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	5.83 ng	568116	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	91
2	Hexacosyl heptafluorobutyrate	578	C30H53F7O2	1000351-83-3	91
3	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	91
4	Tricosyl pentafluoropropionate	486	C26H47F5O2	1000351-81-0	91
5	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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

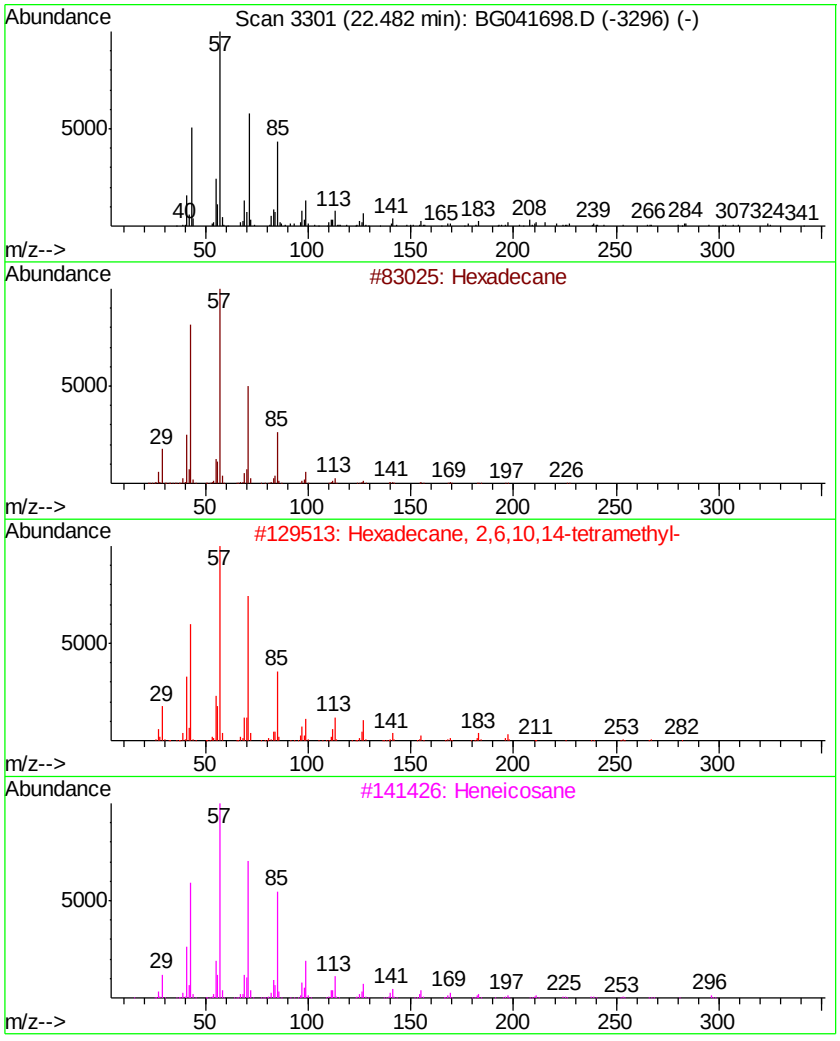
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

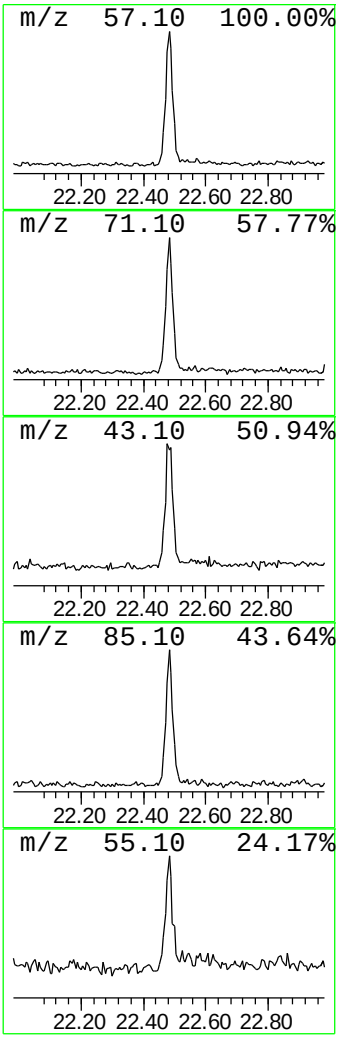
****

Peak Number 5 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.13 ng	207311	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Heptacosane	380	C27H56	000593-49-7	83
5	Docosane	310	C22H46	000629-97-0	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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

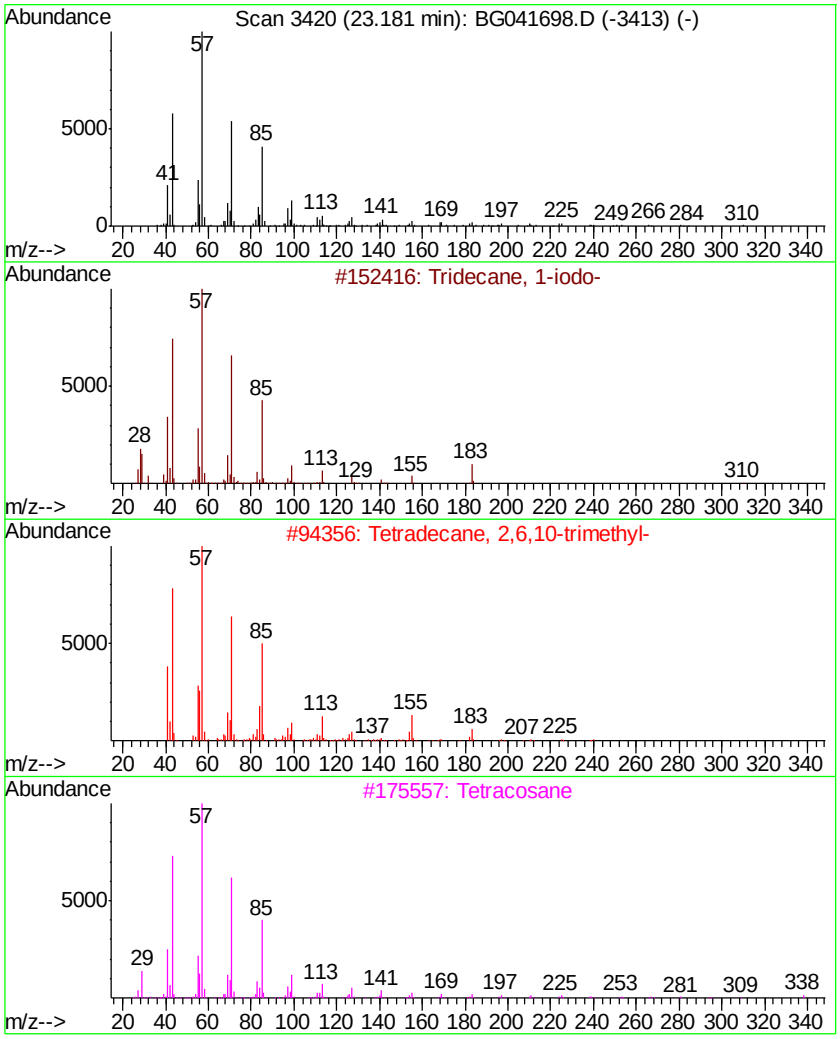
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

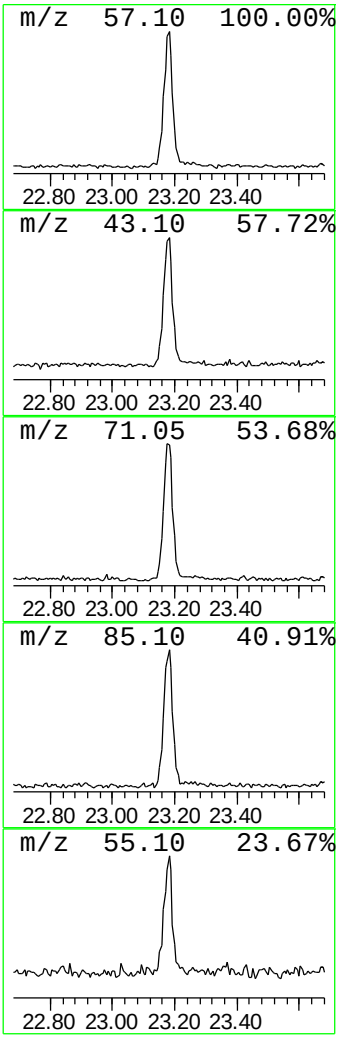
****

Peak Number 6 Tridecane, 1-iodo- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	3.35 ng	326734	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Heptadecane	240	C17H36	000629-78-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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

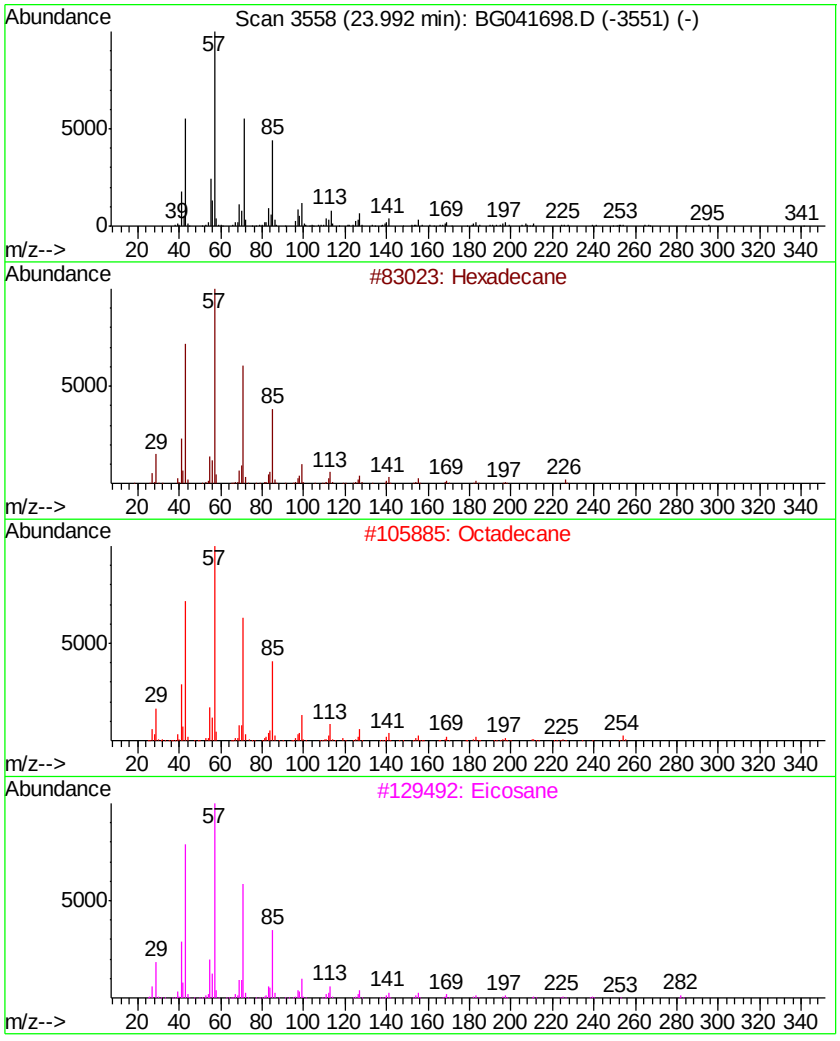
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

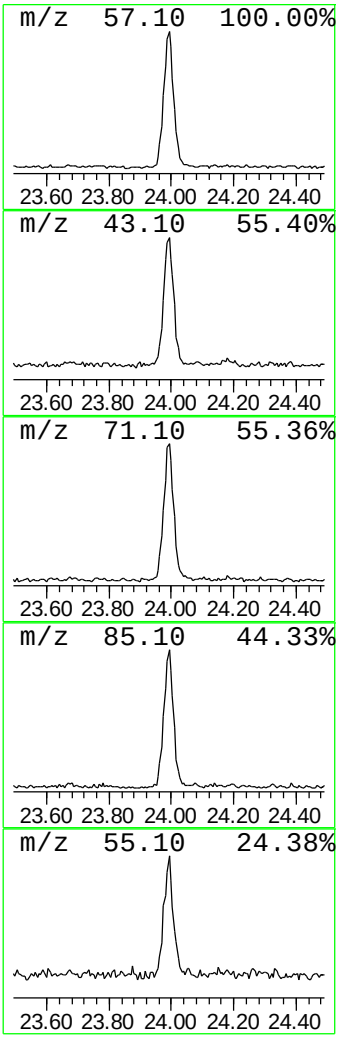
****

Peak Number 7 Octadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	3.88 ng	388790	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Octadecane	254	C18H38	000593-45-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Tricosane	324	C23H48	000638-67-5	91
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
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Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
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Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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

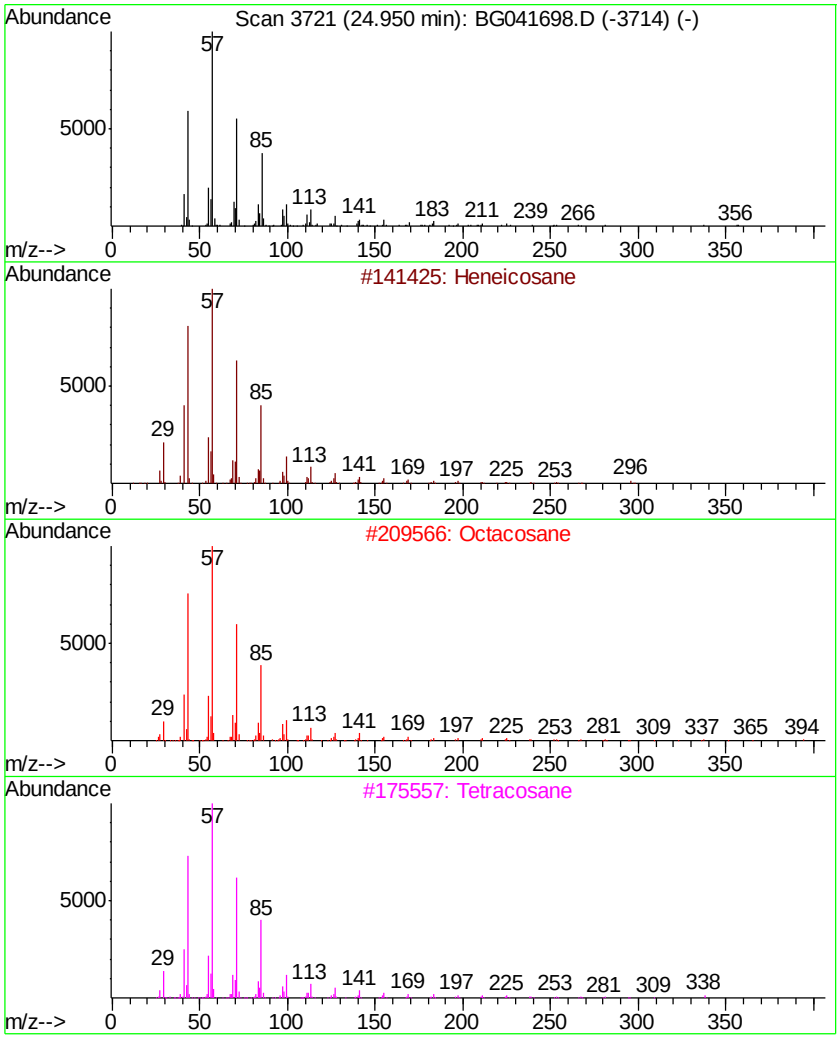
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

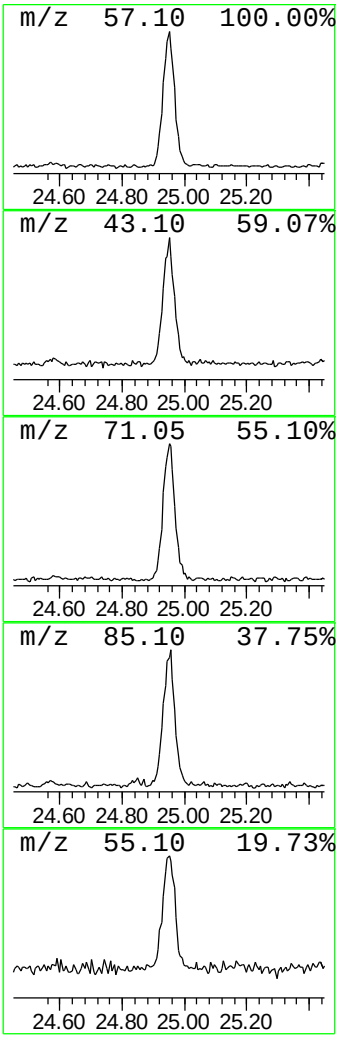
****

Peak Number 8 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	4.00 ng	400579	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Tetratetracontane	619	C44H90	007098-22-8	91





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Sample : K3835-06
Misc :
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Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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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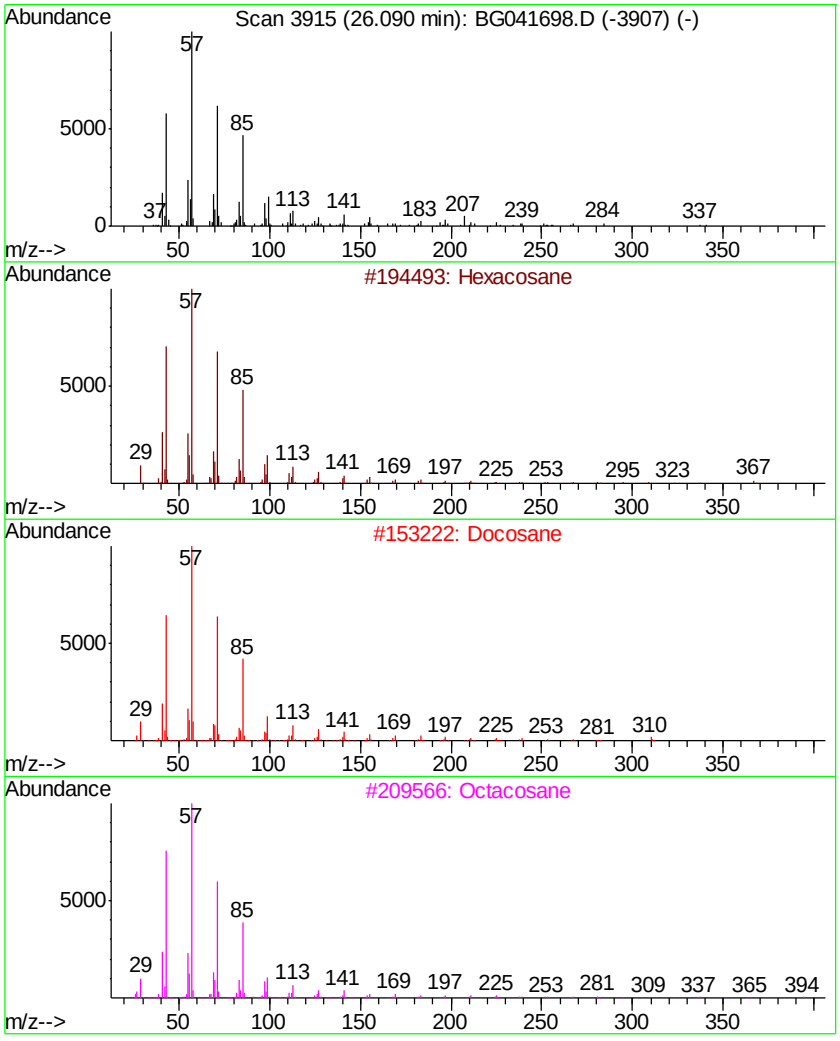
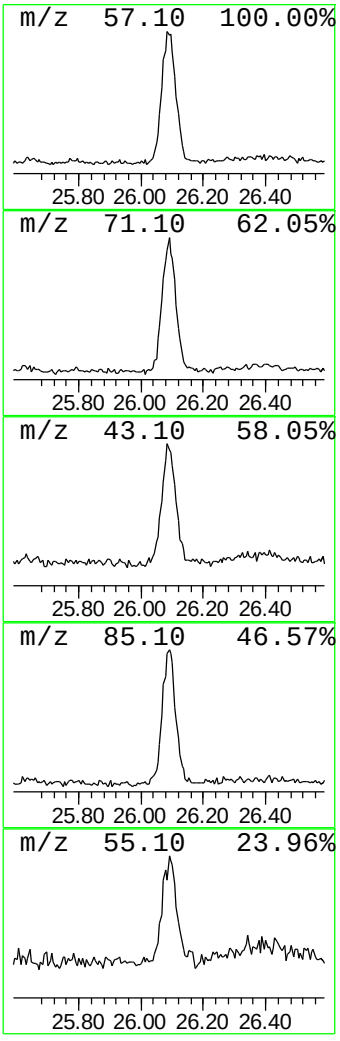
Peak Number 9 Docosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	3.30 ng	330480	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	87
2	Docosane	310	C22H46	000629-97-0	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Tetratetracontane	619	C44H90	007098-22-8	83
5	Tetracosane	338	C24H50	000646-31-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071719\
Data File : BG041698.D
Acq On : 17 Jul 2019 21:38
Operator : HP/JU
Sample : K3835-06
Misc :
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Instrument : BNA_G
ClientSampleId : SB-3(6-8)

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	20.2	ng	626615	1	8.05	621773	20.0
unknown7.58	7.58	96.8	ng	3009700	1	8.05	621773	20.0
Tricosyl heptaflu...	21.32	5.8	ng	568116	5	21.65	1949700	20.0
Hexadecane	22.48	2.1	ng	207311	5	21.65	1949700	20.0
Tridecane, 1-iodo-	23.18	3.4	ng	326734	5	21.65	1949700	20.0
Octadecane	23.99	3.9	ng	388790	6	24.84	2004600	20.0
Heneicosane	24.95	4.0	ng	400579	6	24.84	2004600	20.0
Docosane	26.09	3.3	ng	330480	6	24.84	2004600	20.0