LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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	38	rVB	380117	660403	10.12%	1.748%
2	5.609	421	429	441	rBV	1685679	2640438	40.47%	6.989%
3	7.195	690	699	717	rBV	1658706	2959045	45.35%	7.832%
4	7.577	756	764	771	rBV	1668310	2844499	43.60%	7.529%
5	8.047	836	844	851	rBV	341269	581025	8.91%	1.538%
6	8.370	891	899	911	rVB	1271009	2199524	33.71%	5.822%
7	9.205	1031	1041	1053	rBV	958860	1762400	27.01%	4.665%
8	10.850	1312	1321	1329	rBV	439717	797131	12.22%	2.110%
9	13.294	1729	1737	1749	rBV	2539399	3982691	61.04%	10.542%
10	13.570	1776	1784	1789	rBV	58914	96775	1.48%	0.256%
11	14.111	1870	1876	1888	rBV	552256	830075	12.72%	2.197%
12	14.663	1963	1970	1979	rVB2	693152	1076964	16.51%	2.851%
13	16.144	2215	2222	2236	rBV	2209298	3371743	51.68%	8.925%
14	17.401	2429	2436	2446	rBV	973332	1496614	22.94%	3.961%
15	19.175	2730	2738	2742	rBV6	35785	104800	1.61%	0.277%
16	20.004	2873	2879	2890	rVB	4827840	6524352	100.00%	17.269%
17	20.685	2991	2995	3004	rVB	67106	97710	1.50%	0.259%
18	21.320	3097	3103	3129	rBV	212423	706800	10.83%	1.871%
19	21.649	3152	3159	3167	rBV	1131049	1829860	28.05%	4.843%
20	21.866	3192	3196	3200	rBV	87339	121495	1.86%	0.322%
21	22.477	3295	3300	3308	rBV	116086	199916	3.06%	0.529%
22	23.171	3413	3418	3425	rVB	130084	246659	3.78%	0.653%
23	23.987	3550	3557	3564	rVB	132469	270892	4.15%	0.717%
24	24.839	3692	3702	3712	rBV2	683568	1897069	29.08%	5.021%
25	24.945	3713	3720	3730	rVB3	108171	273948	4.20%	0.725%
26	26.085	3907	3914	3922	rVB5	70864	207147	3.17%	0.548%

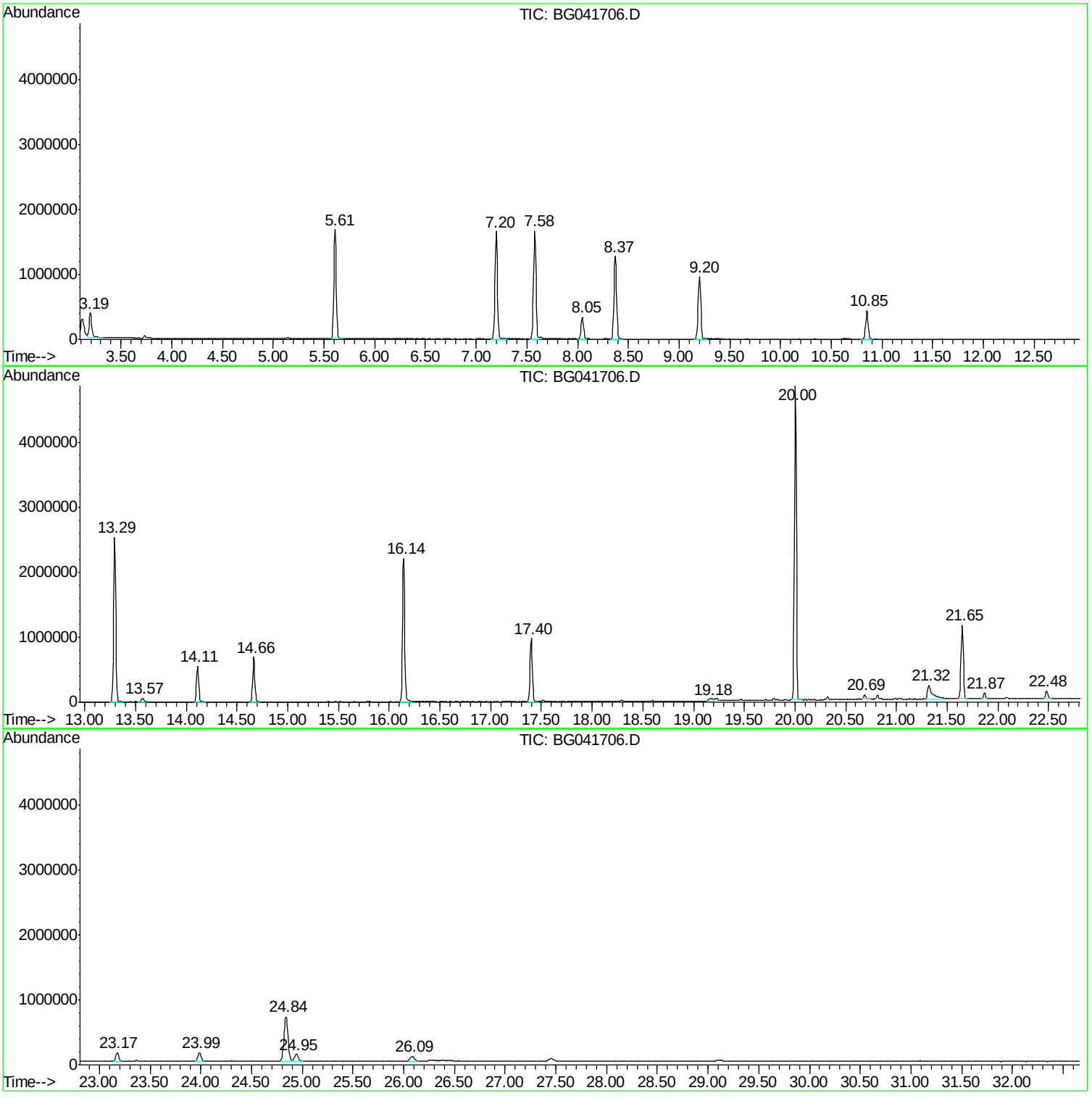
Sum of corrected areas: 37779975

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-7(13-15)

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 : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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

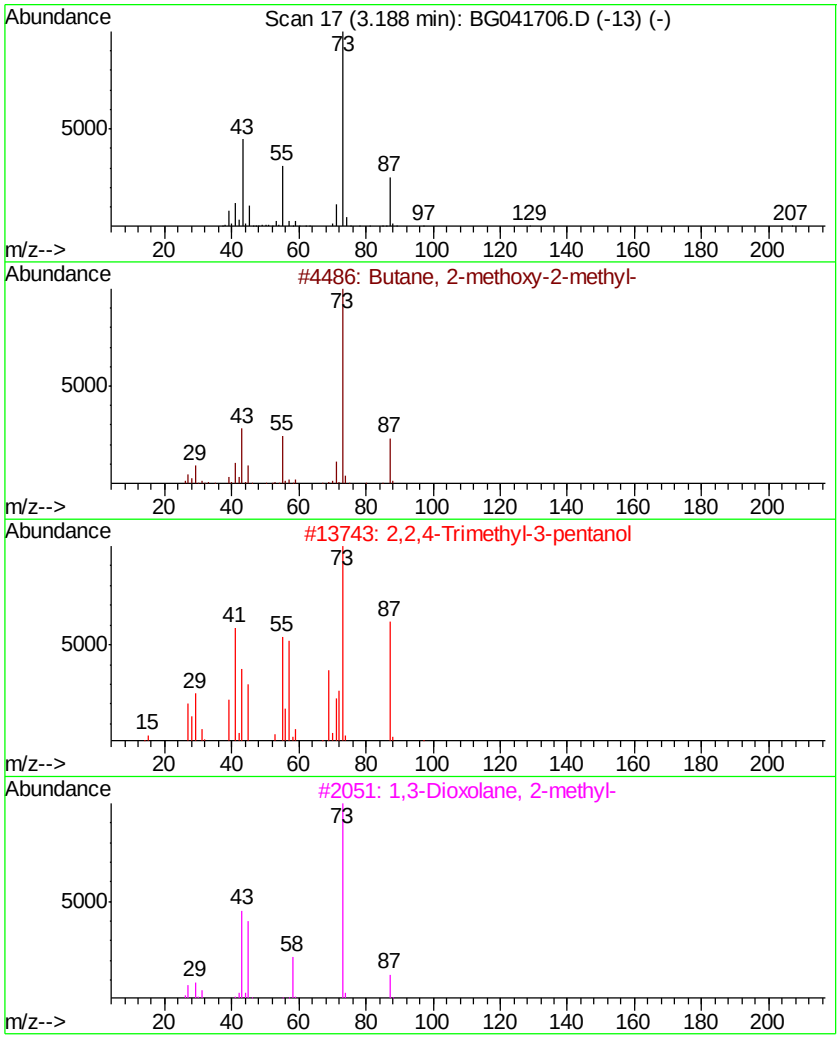
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

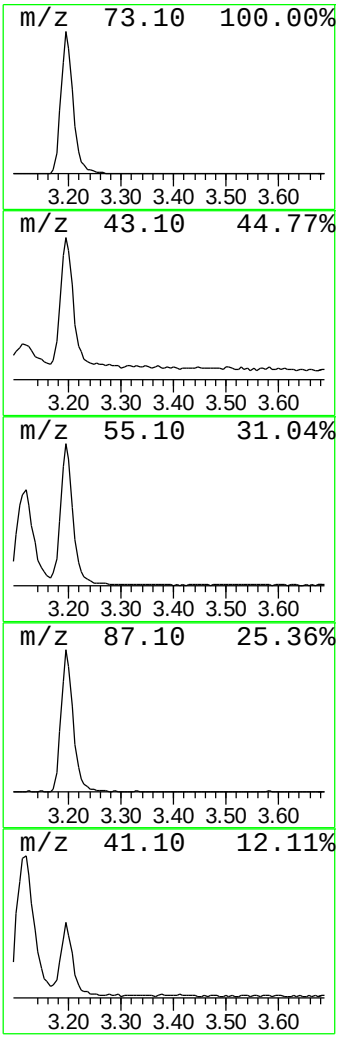
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	22.73 ng	660403	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	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	38
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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

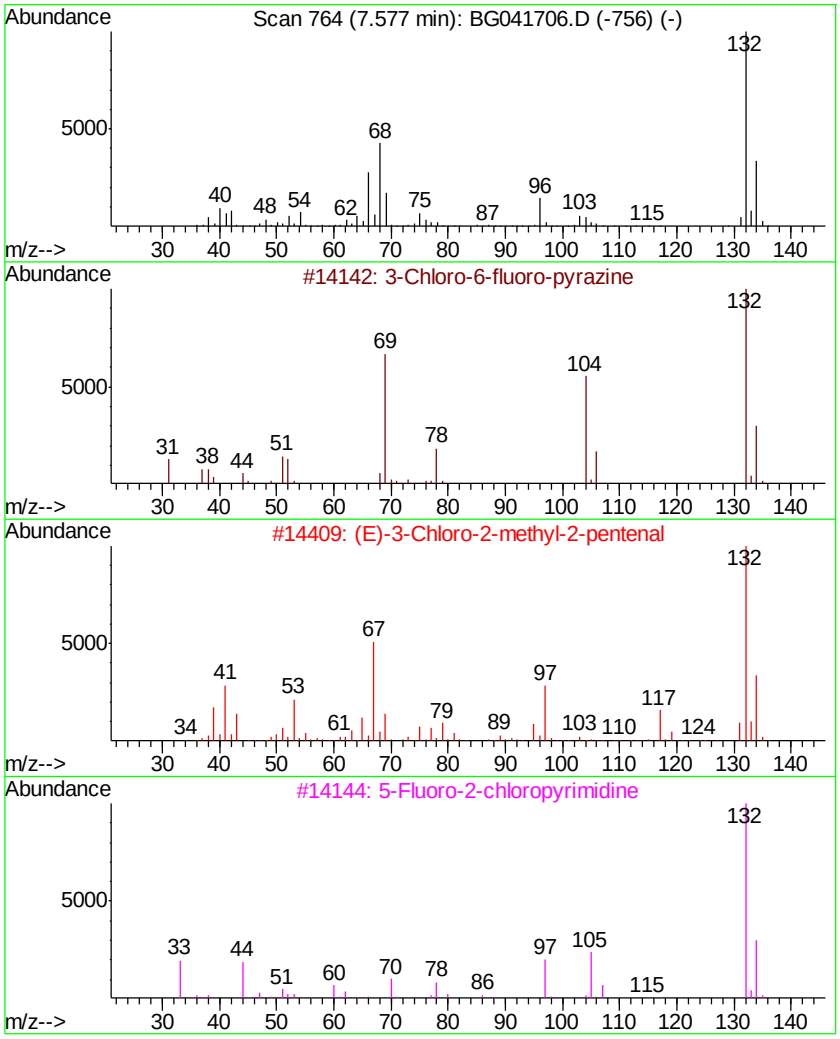
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

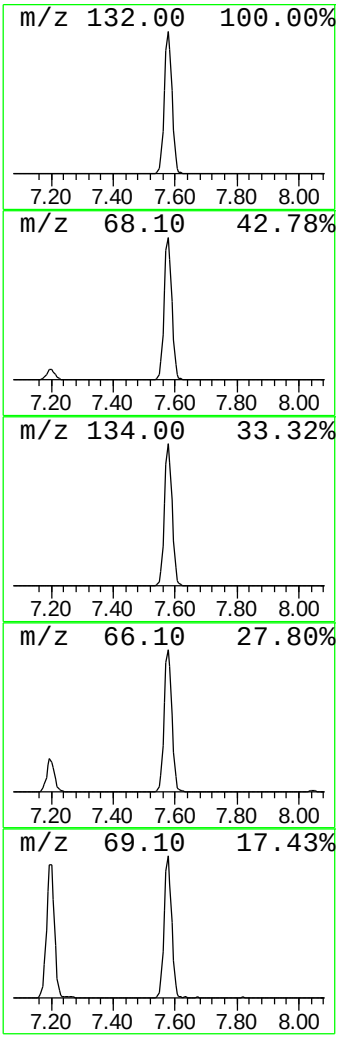
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	97.91 ng	2844500	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-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	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 : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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

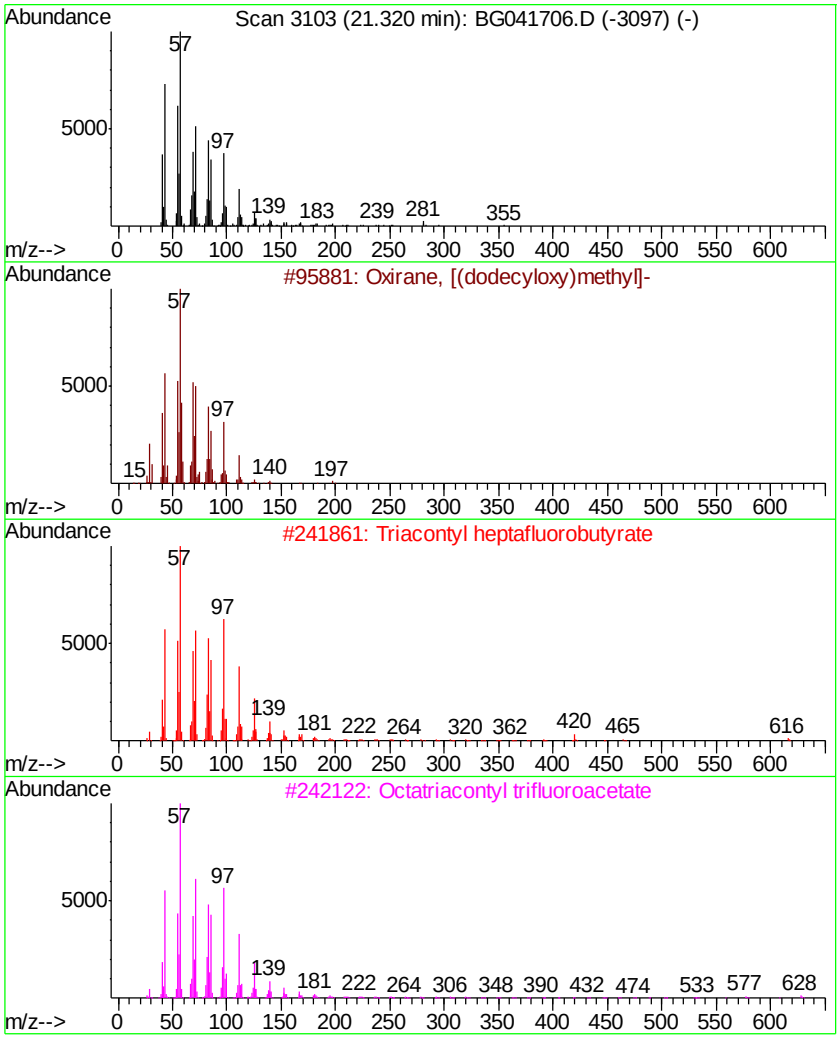
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

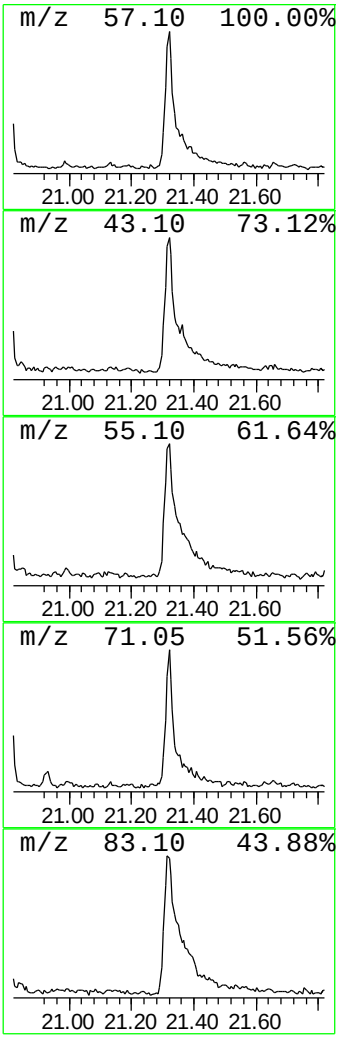
****

Peak Number 4 Oxirane, [(dodecyloxy)methyl]- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	7.73 ng	706800	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, [(dodecyloxy)methyl]-	242	C15H30O2	002461-18-9	91
2	Triacontyl heptafluorobutyrate	634	C34H61F7O2	1000351-83-2	90
3	Octatriacontyl trifluoroacetate	647	C40H77F3O2	1000351-88-7	90
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
5	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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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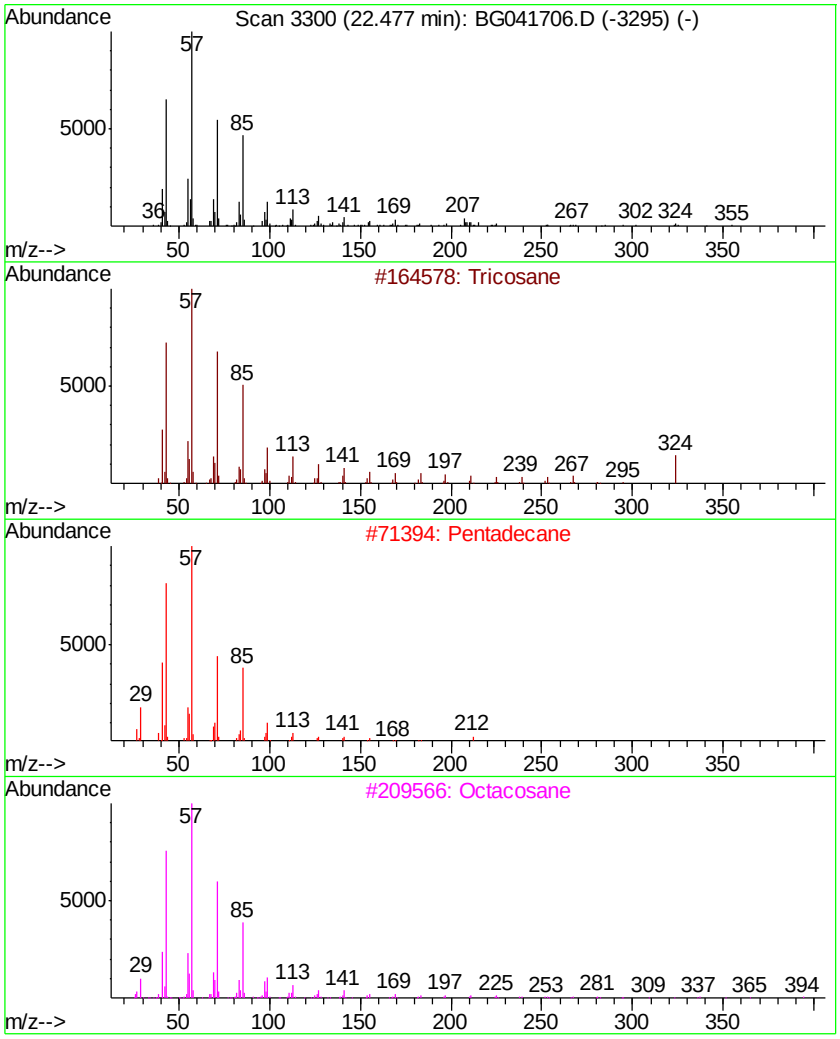
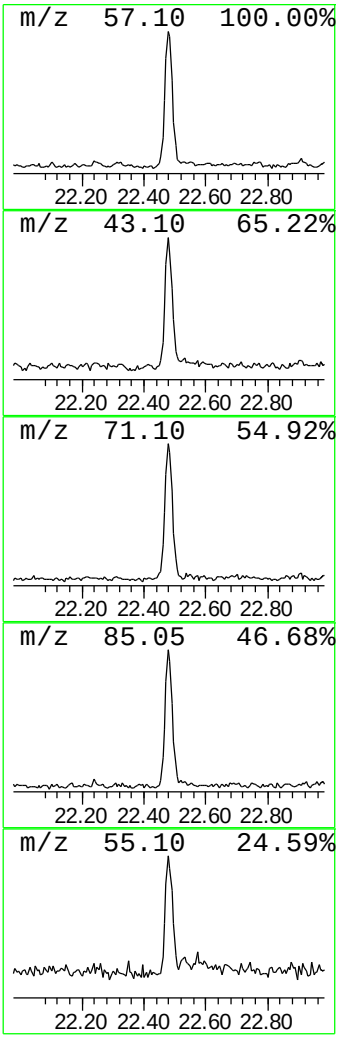
Peak Number 5 Tricosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	2.19 ng	199916	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Pentadecane	212	C15H32	000629-62-9	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Tetracosane	338	C24H50	000646-31-1	87
5	Octadecane	254	C18H38	000593-45-3	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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

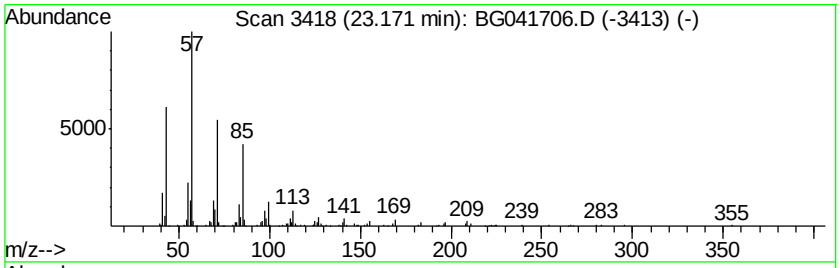
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

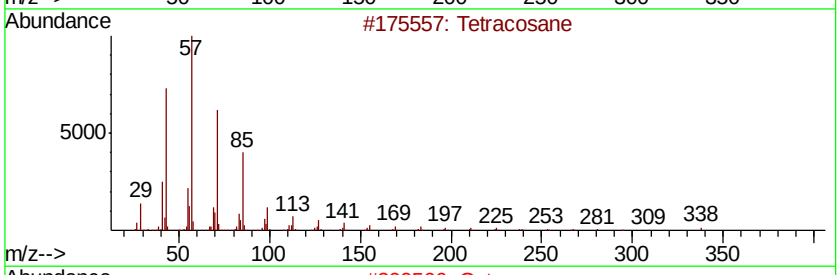
****

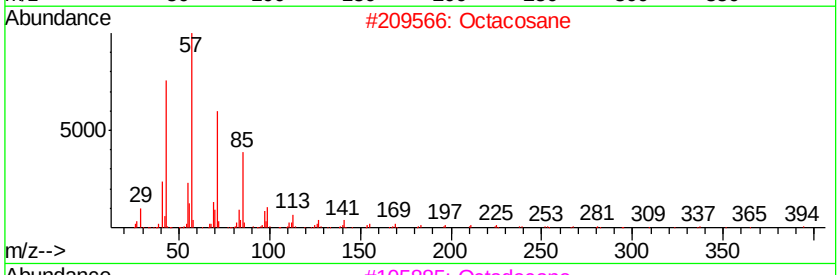
Peak Number 6 Tetracosane Concentration Rank 7

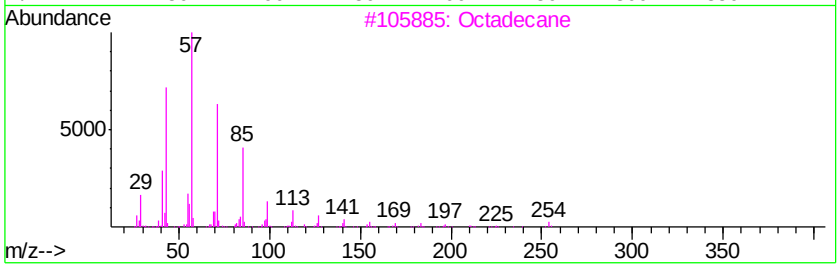
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	2.70 ng	246659	Chrysene-d12	21.65

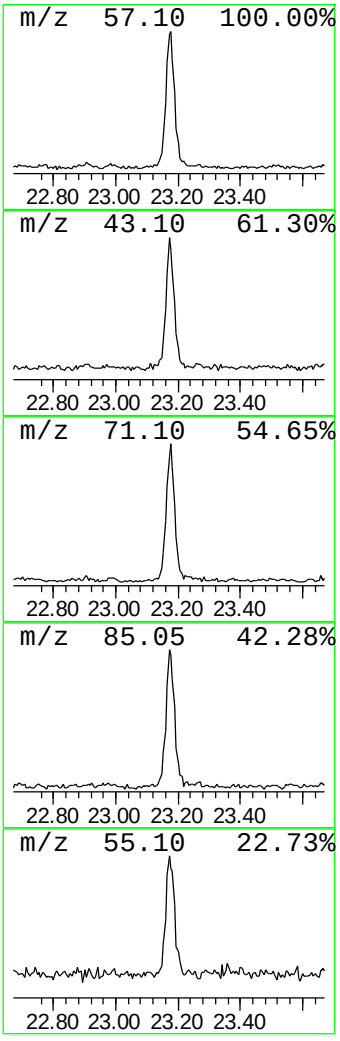
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Docosane	310	C22H46	000629-97-0	91
5	Eicosane	282	C20H42	000112-95-8	91











Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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

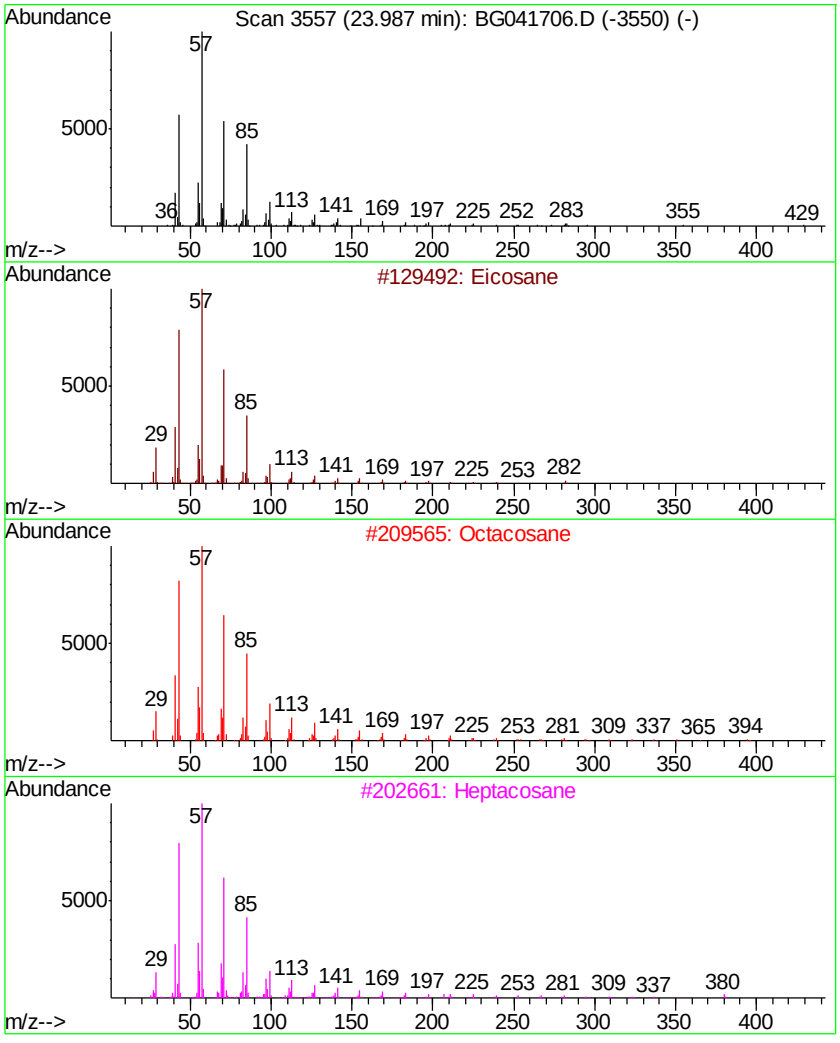
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

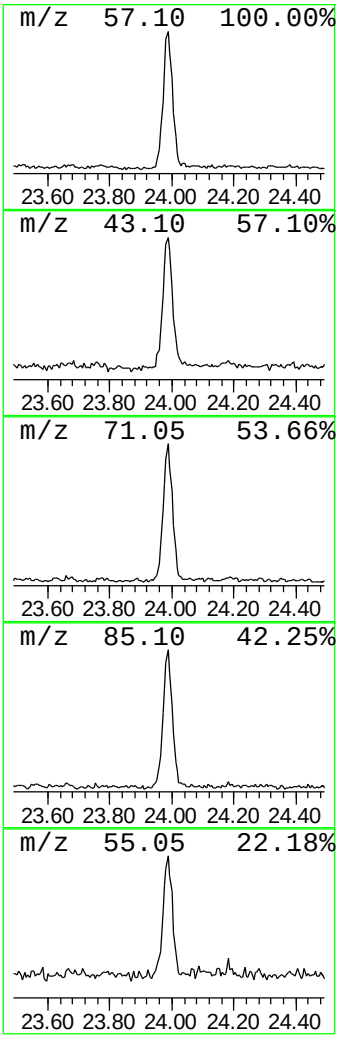
****

Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.99	2.86 ng	270892	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptacosane	380	C27H56	000593-49-7	90
4	Docosane	310	C22H46	000629-97-0	90
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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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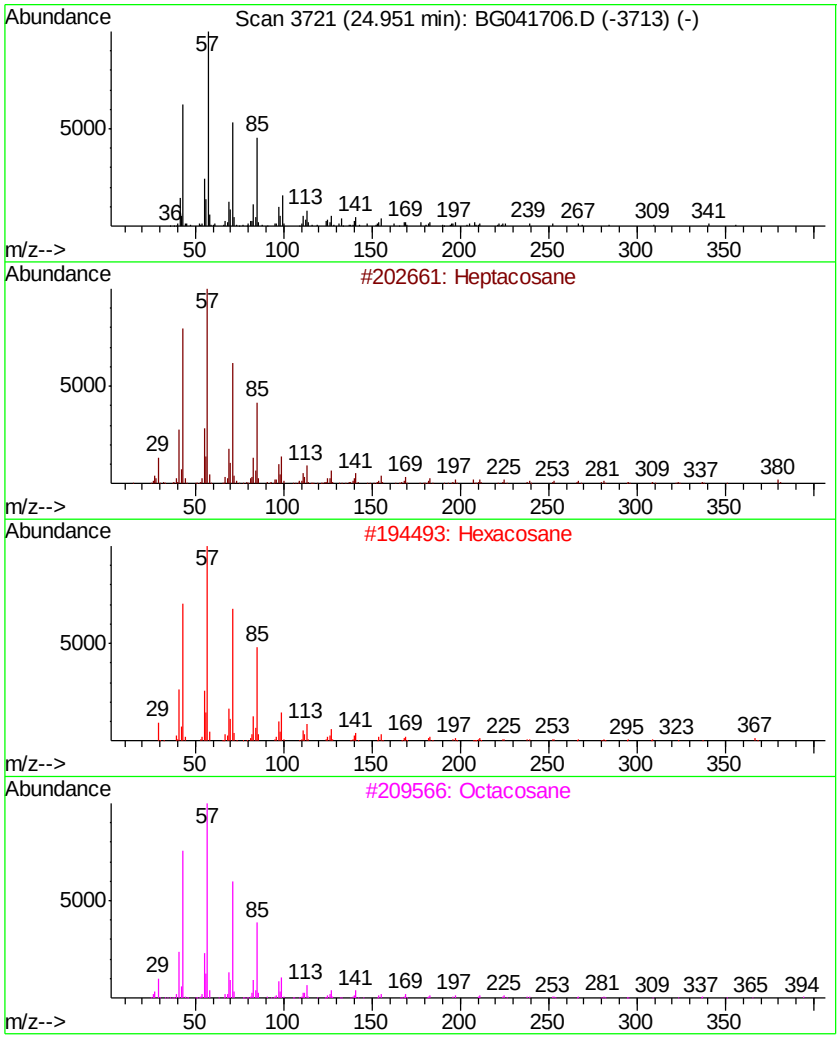
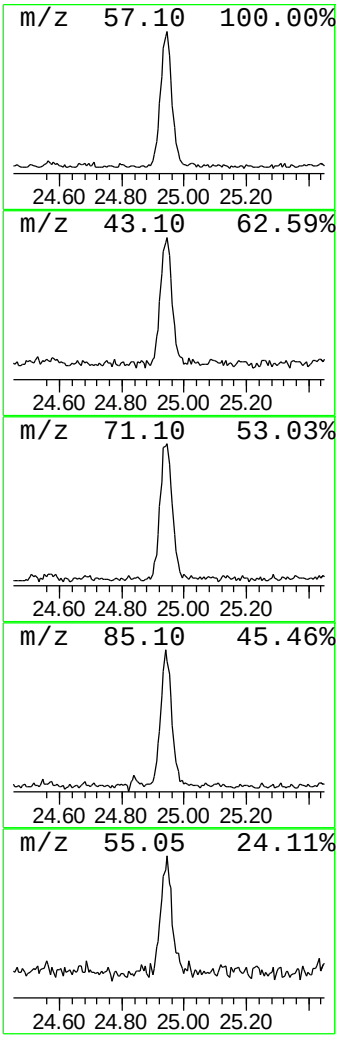
Peak Number 8 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	2.89 ng	273948	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tetracosane	338	C24H50	000646-31-1	87
5	Heneicosane	296	C21H44	000629-94-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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

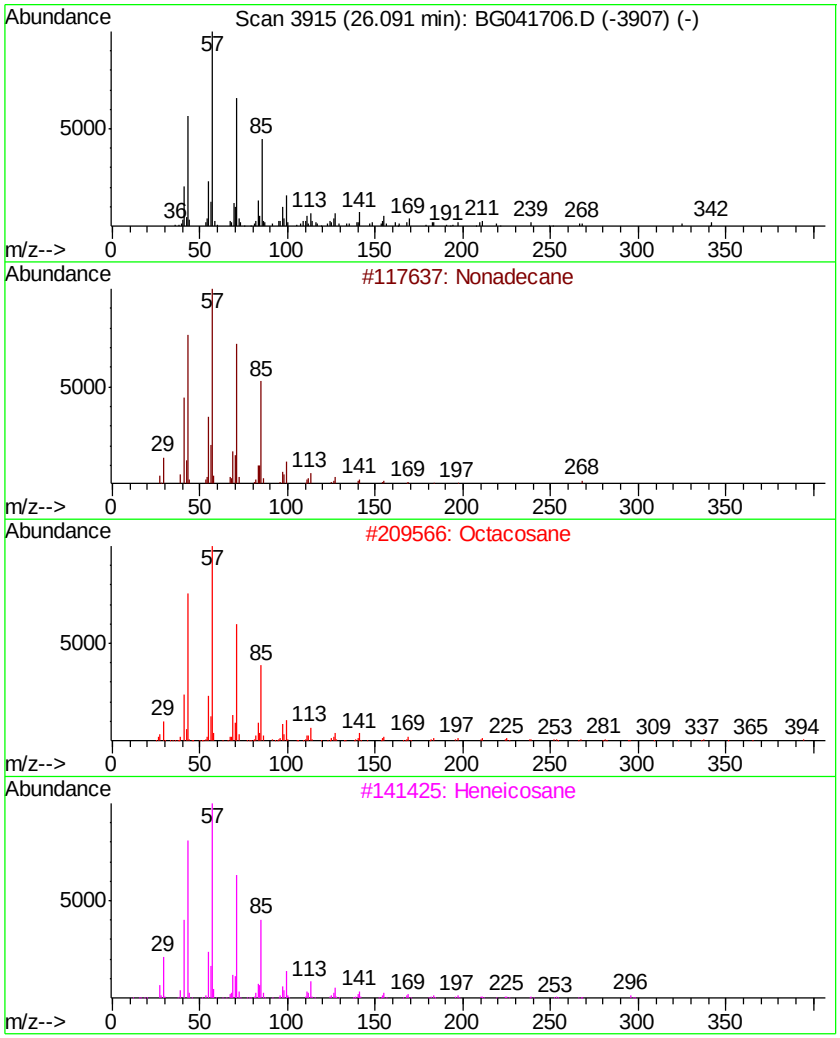
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

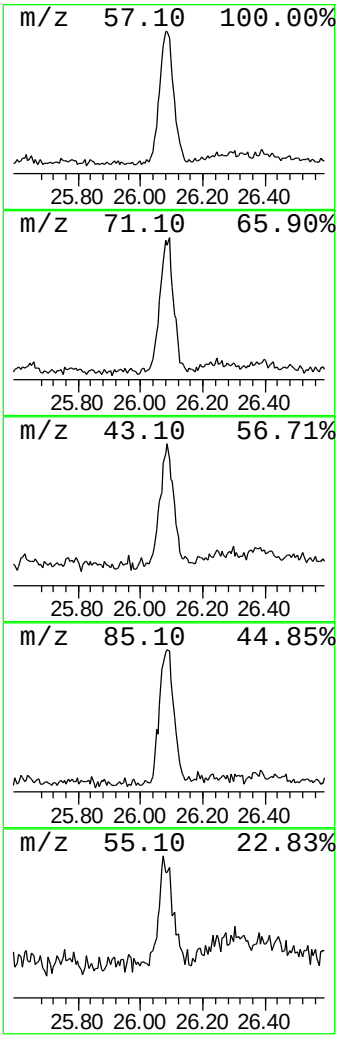
****

Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.09	2.18 ng	207147	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane	282	C20H42	000112-95-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071719\
Data File : BG041706.D
Acq On : 18 Jul 2019 2:45
Operator : HP/JU
Sample : K3835-32
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-7(13-15)

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	22.7	ng	660403	1	8.05	581025	20.0
unknown7.58	7.58	97.9	ng	2844500	1	8.05	581025	20.0
Oxirane, [(dodecy...	21.32	7.7	ng	706800	5	21.65	1829860	20.0
Tricosane	22.48	2.2	ng	199916	5	21.65	1829860	20.0
Tetracosane	23.17	2.7	ng	246659	5	21.65	1829860	20.0
Eicosane	23.99	2.9	ng	270892	6	24.84	1897070	20.0
Heptacosane	24.95	2.9	ng	273948	6	24.84	1897070	20.0
Nonadecane	26.09	2.2	ng	207147	6	24.84	1897070	20.0