LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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	3.206	14	20	35	rVB	986134	1941556	29.15%	5.133%
2	5.609	422	429	445	rVB	804858	1286091	19.31%	3.400%
3	7.196	691	699	710	rBV	530005	912197	13.70%	2.412%
4	7.577	756	764	776	rBV	1437019	2439391	36.63%	6.449%
5	8.047	835	844	851	rBV	428558	729334	10.95%	1.928%
6	8.371	891	899	910	rVB	1322780	2268798	34.07%	5.998%
7	9.199	1030	1040	1052	rBV	1027186	1859536	27.92%	4.916%
8	10.850	1313	1321	1333	rBV	546556	1001727	15.04%	2.648%
9	13.294	1729	1737	1748	rBV	2816722	4547091	68.27%	12.021%
10	14.111	1869	1876	1883	rBV	123338	187019	2.81%	0.494%
11	14.663	1964	1970	1979	rVB2	923533	1441183	21.64%	3.810%
12	16.138	2214	2221	2235	rBV	2275638	3556716	53.40%	9.403%
13	17.395	2428	2435	2446	rBV2	1182298	1821810	27.35%	4.816%
14	18.288	2581	2587	2597	rBV	96818	193802	2.91%	0.512%
15	20.004	2872	2879	2890	rBV	4938009	6660163	100.00%	17.608%
16	20.815	3013	3017	3020	rVB	86273	93055	1.40%	0.246%
17	21.320	3097	3103	3113	rBV	184314	338044	5.08%	0.894%
18	21.649	3152	3159	3167	rBV2	1210532	2055017	30.86%	5.433%
19	21.867	3191	3196	3202	rBV	160582	238115	3.58%	0.630%
20	22.478	3294	3300	3310	rBV	204787	348071	5.23%	0.920%
21	23.171	3412	3418	3428	rVB	225054	414167	6.22%	1.095%
22	23.982	3549	3556	3568	rVB2	208825	464407	6.97%	1.228%
23	24.840	3691	3702	3712	rBV2	693663	2089555	31.37%	5.524%
24	24.934	3712	3718	3730	rVB	172986	436474	6.55%	1.154%
25	26.073	3904	3912	3922	rVB2	112366	323854	4.86%	0.856%
26	27.442	4138	4145	4157	rVB3	53090	178495	2.68%	0.472%

Sum of corrected areas: 37825668

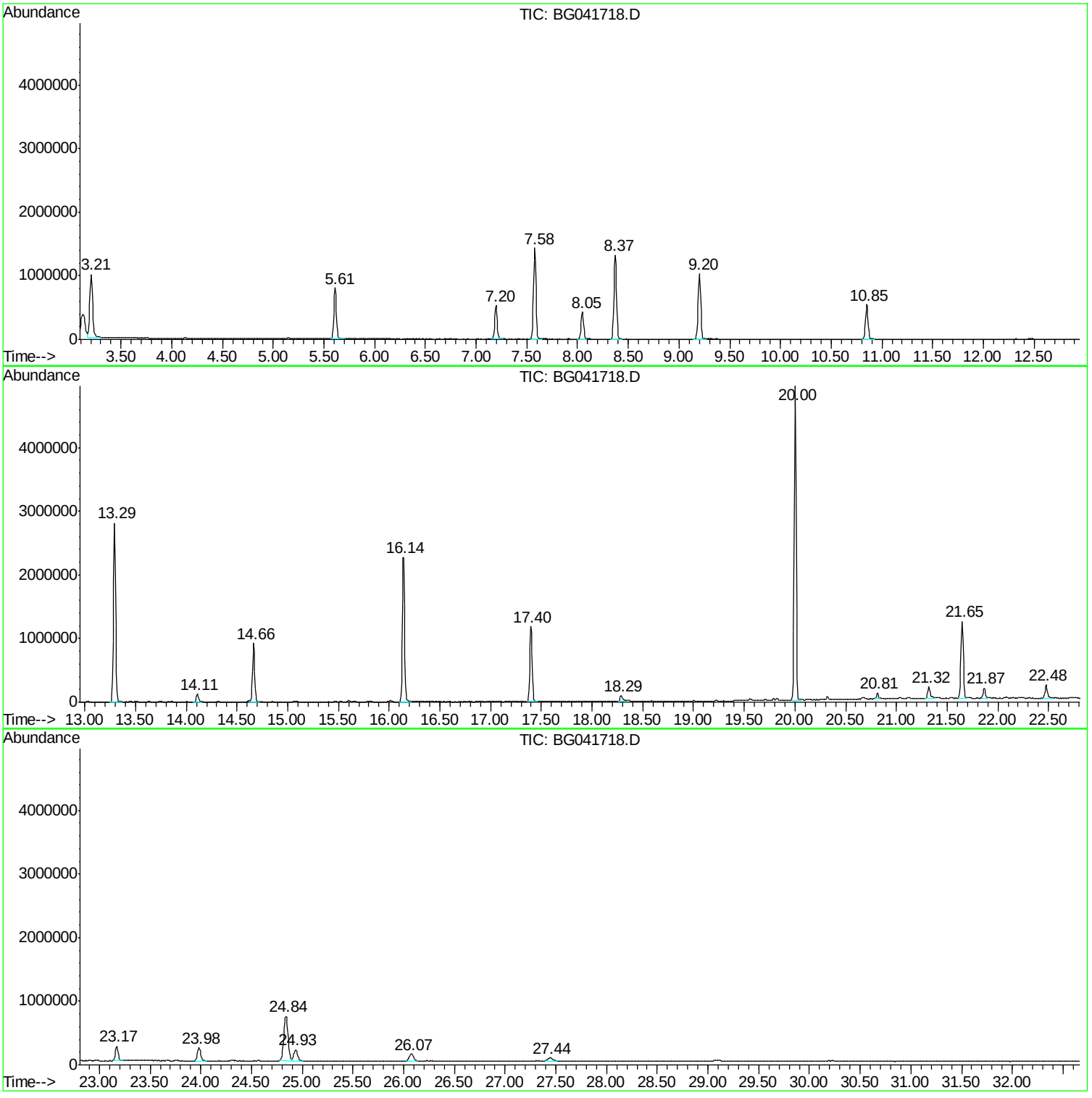
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

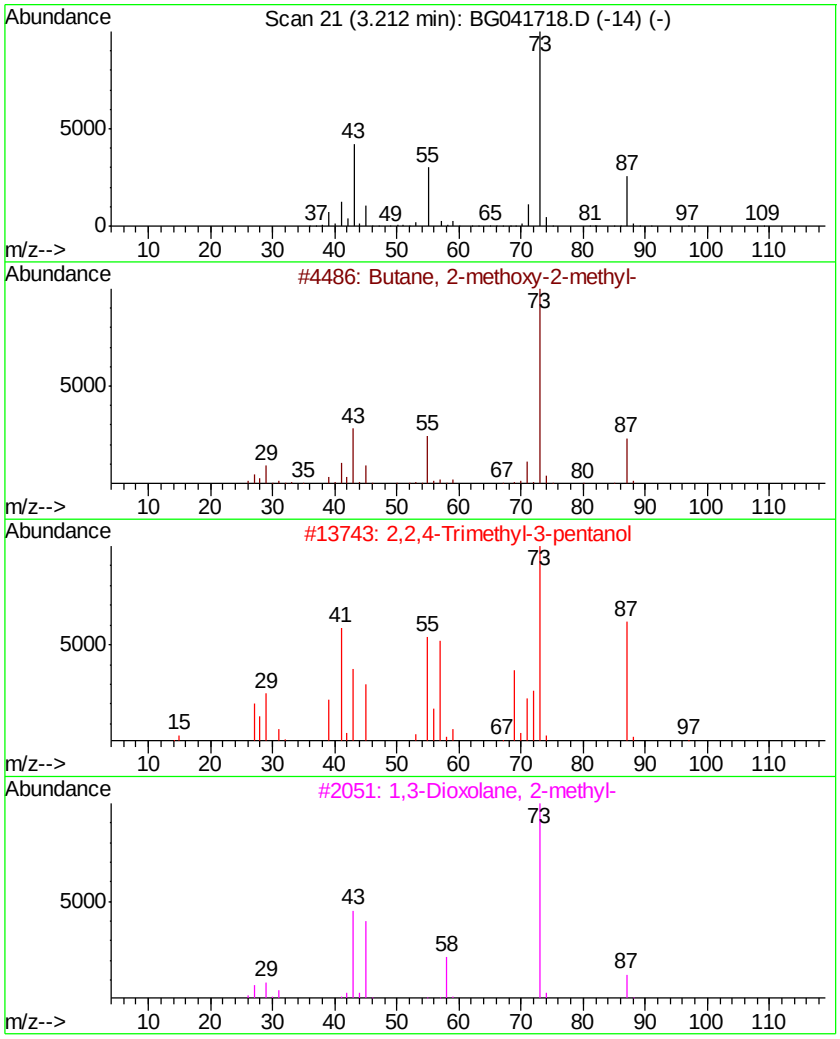
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

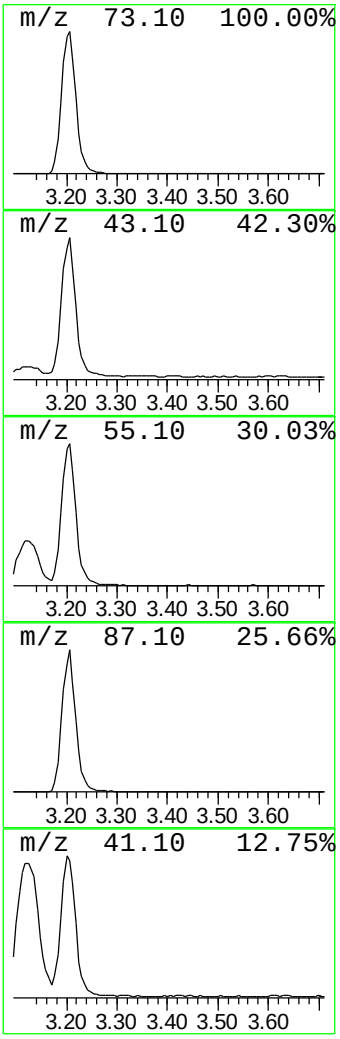
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	53.24 ng	1941560	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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

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Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

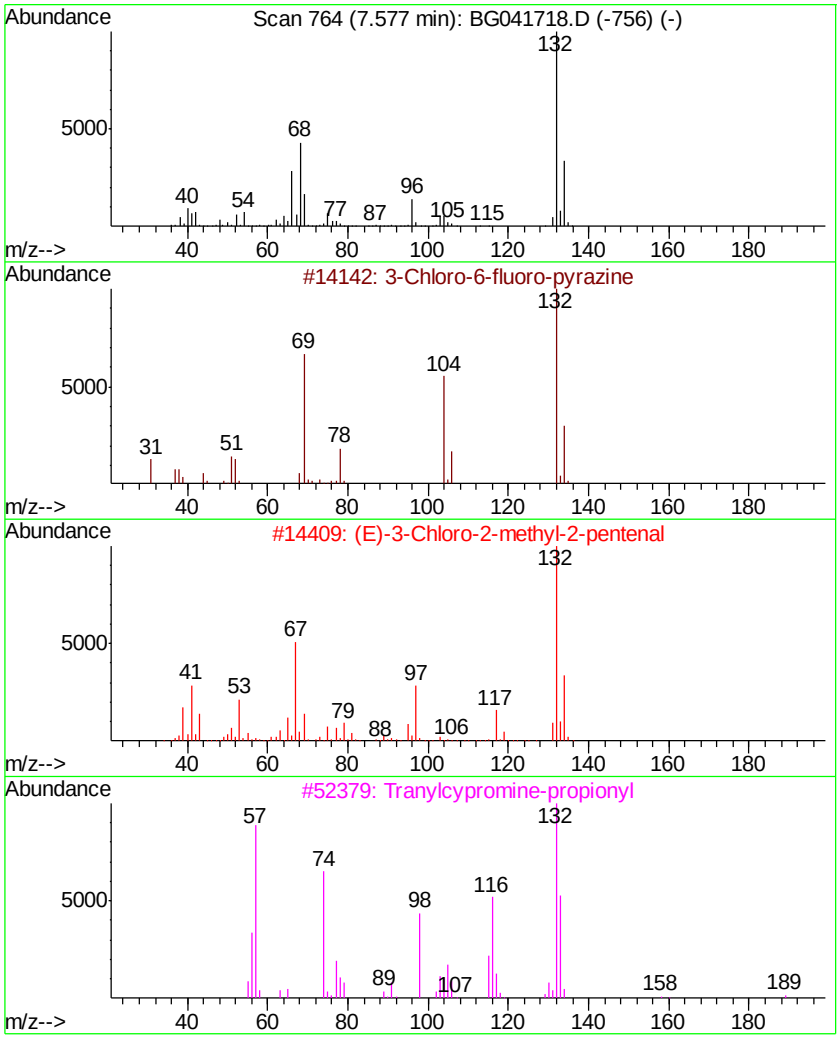
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

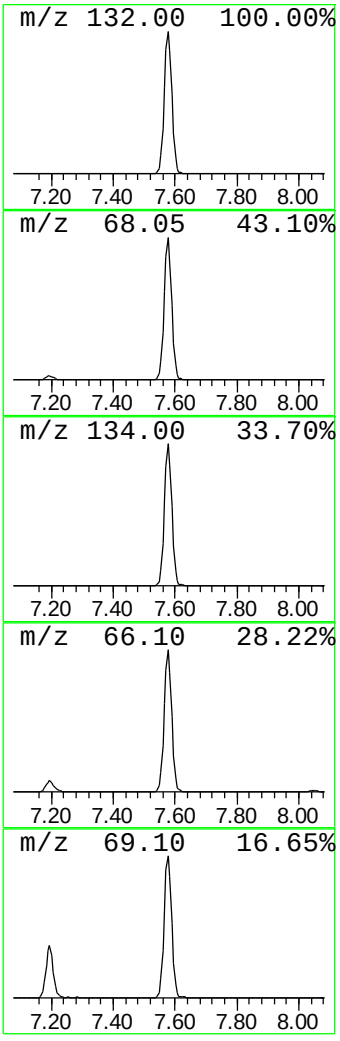
****

Peak Number 2 unknown7.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	66.89 ng	2439390	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	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	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





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

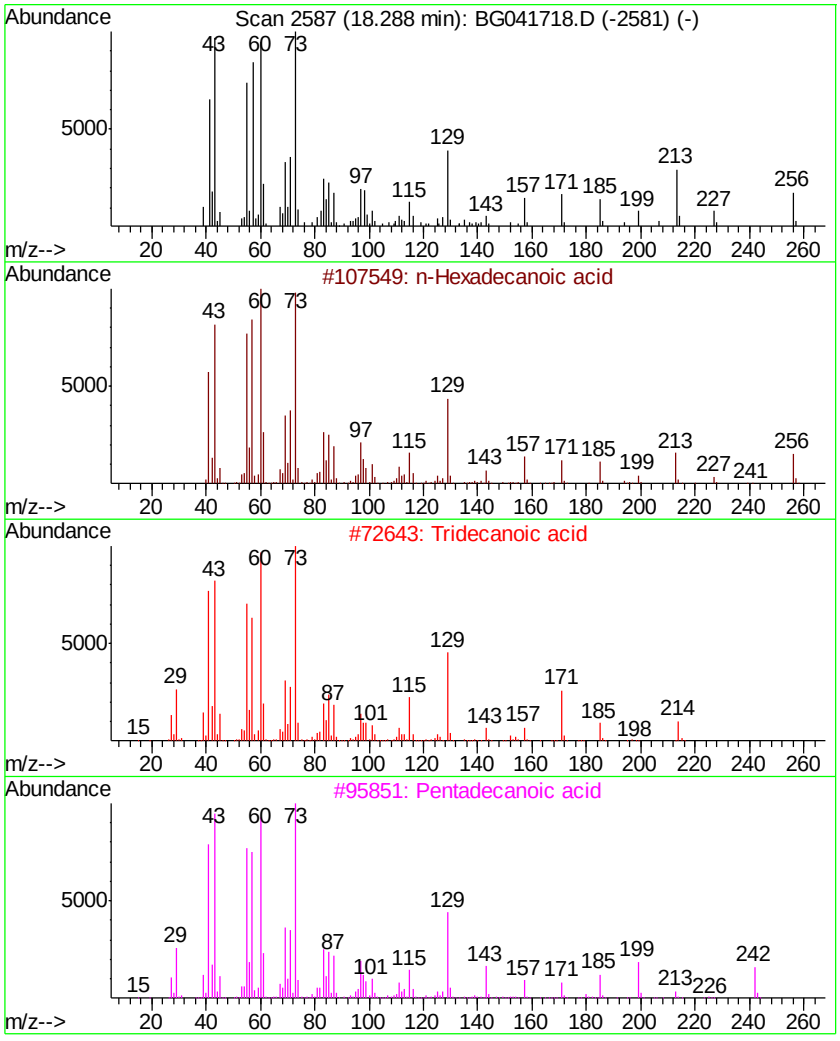
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

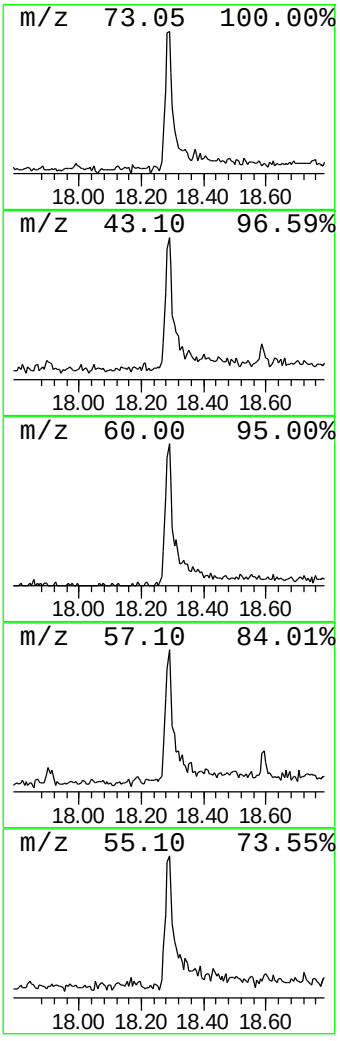
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.13 ng	193802	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

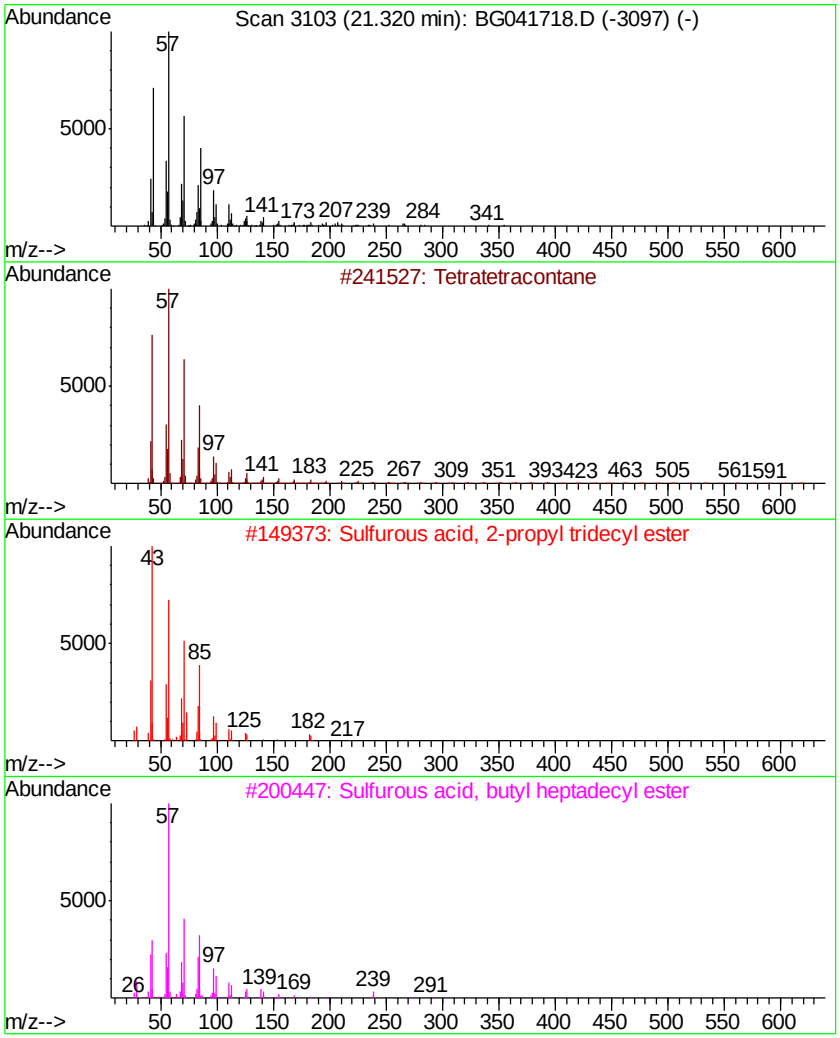
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

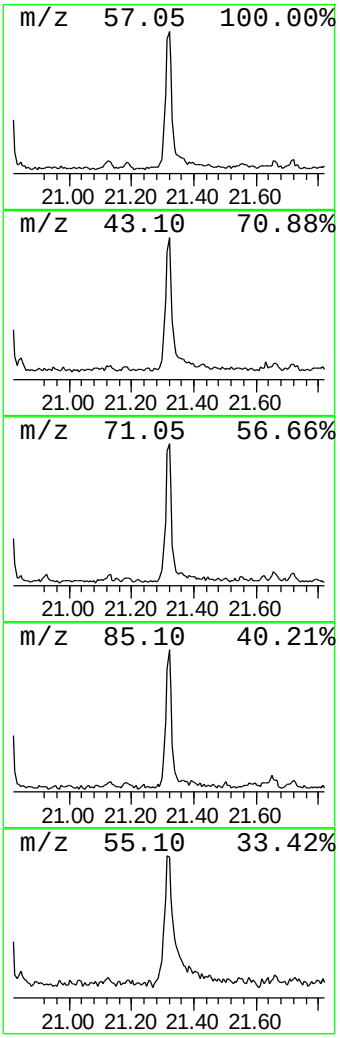
****

Peak Number 5 Tetratetracontane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.29 ng	338044	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	91
3	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	91
4	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	87
5	Heptadecane	240	C17H36	000629-78-7	68





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

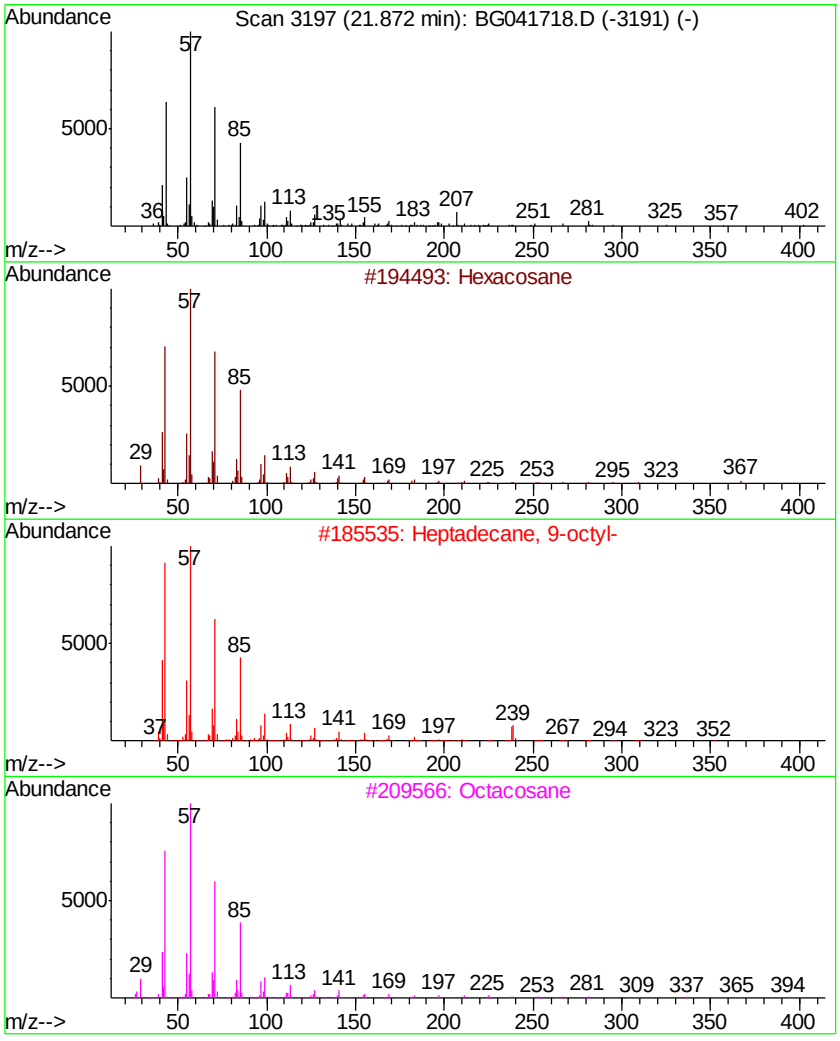
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

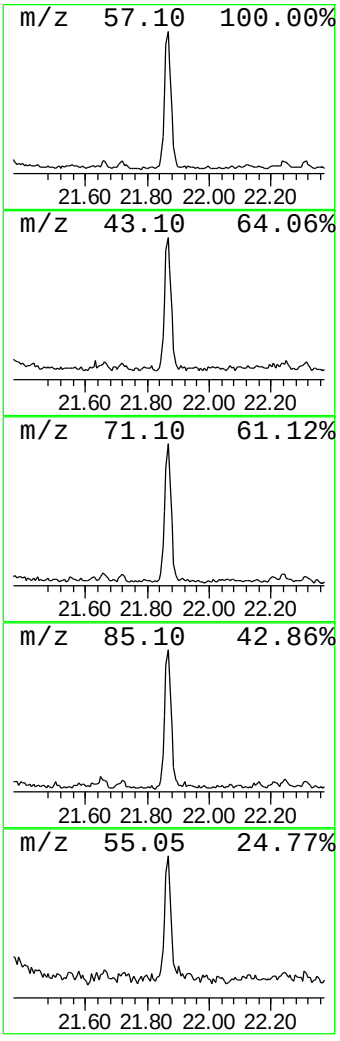
****

Peak Number 6 Hexacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.32 ng	238115	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Octacosane	394	C28H58	000630-02-4	90
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	89
5	Tetracosane	338	C24H50	000646-31-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
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Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

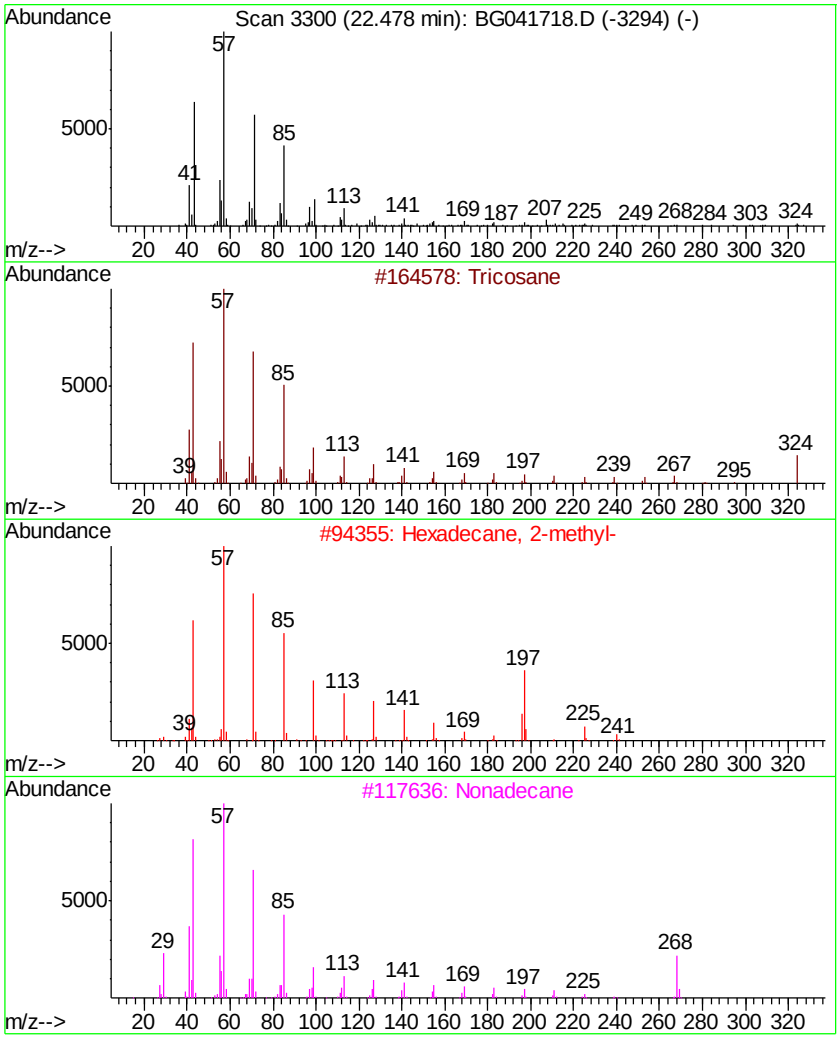
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

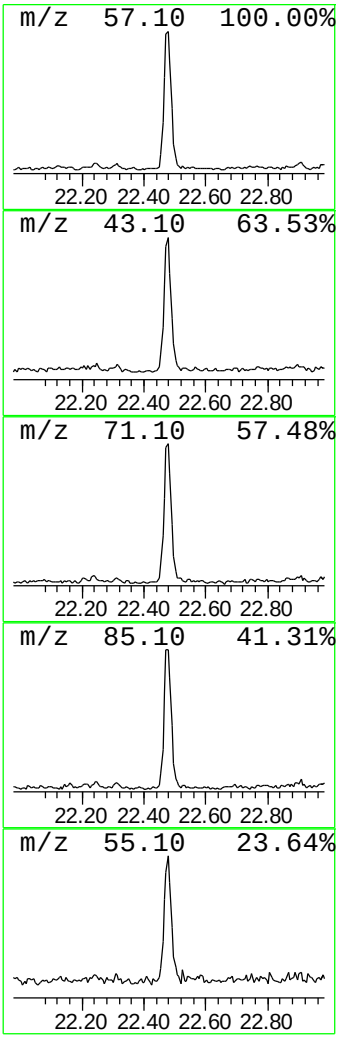
****

Peak Number 7 Tricosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.39 ng	348071	Chrysene-d12	21.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	95
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
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Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

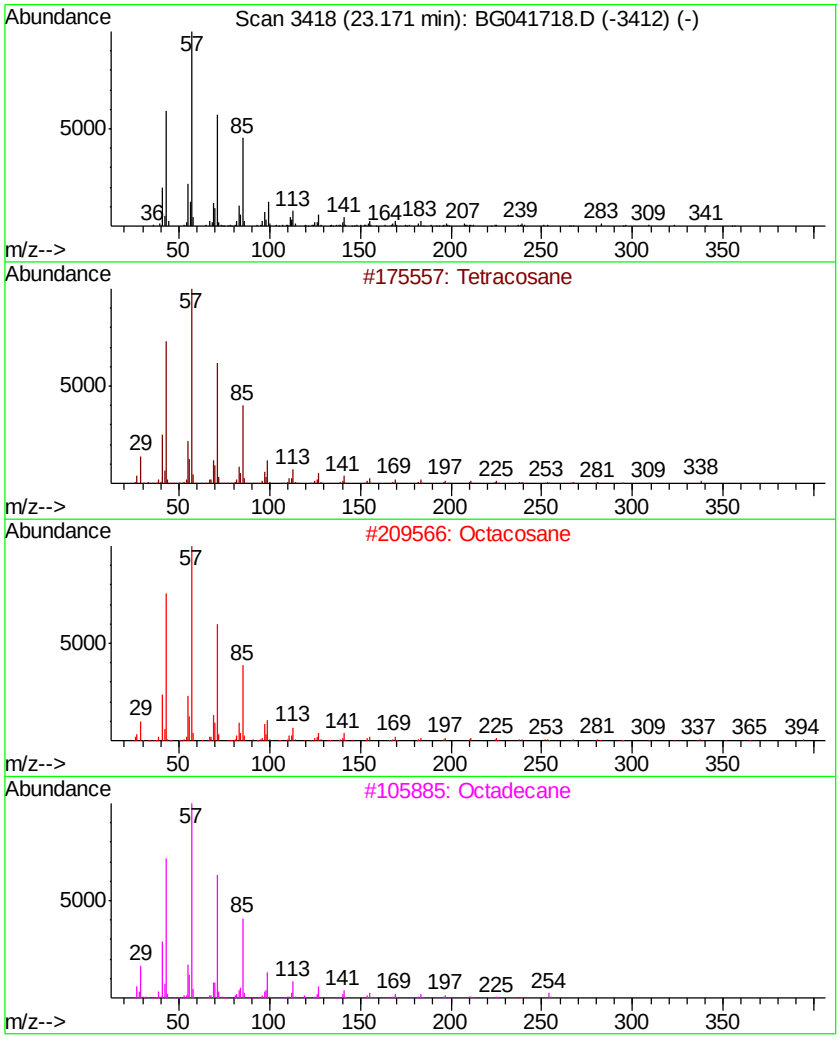
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

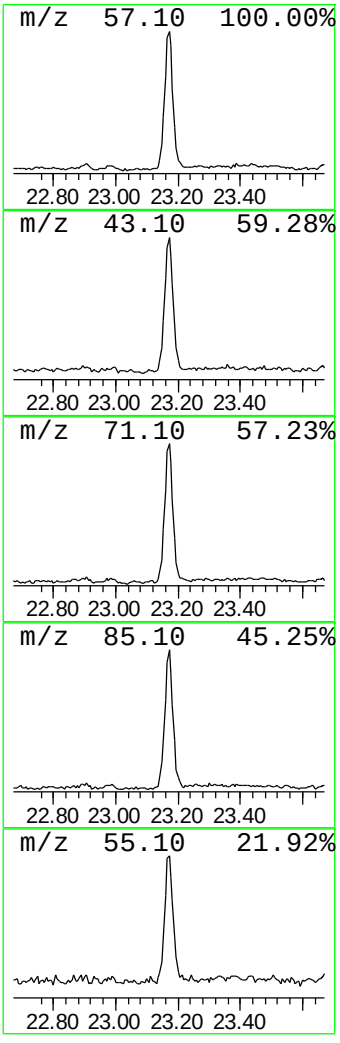
****

Peak Number 8 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	4.03 ng	414167	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	Hexacosane	366	C26H54	000630-01-3	91
5	Hexadecane	226	C16H34	000544-76-3	91





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Instrument : BNA_G
ClientSampleId : TW-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071519.M
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TIC Library : C:\Database\NIST11.L
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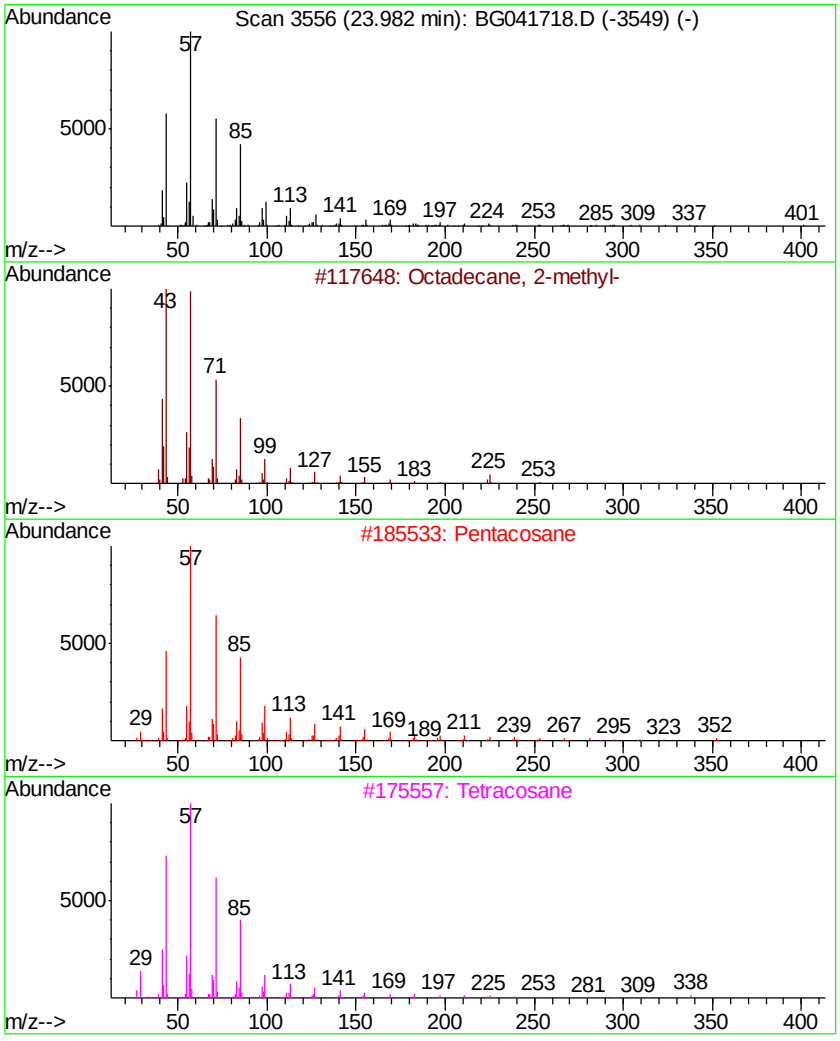
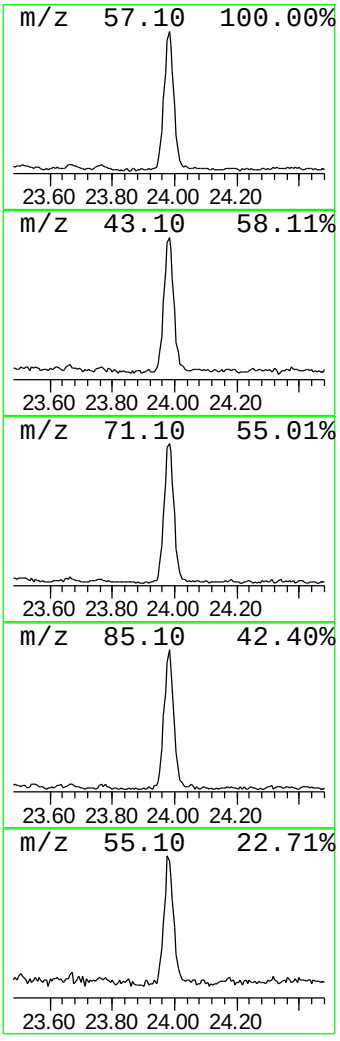
****

Peak Number 9 Octadecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	4.45 ng	464407	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2-methyl-	268	C19H40	001560-88-9	93
2	Pentacosane	352	C25H52	000629-99-2	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Hexacosane	366	C26H54	000630-01-3	91





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : TW-5

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

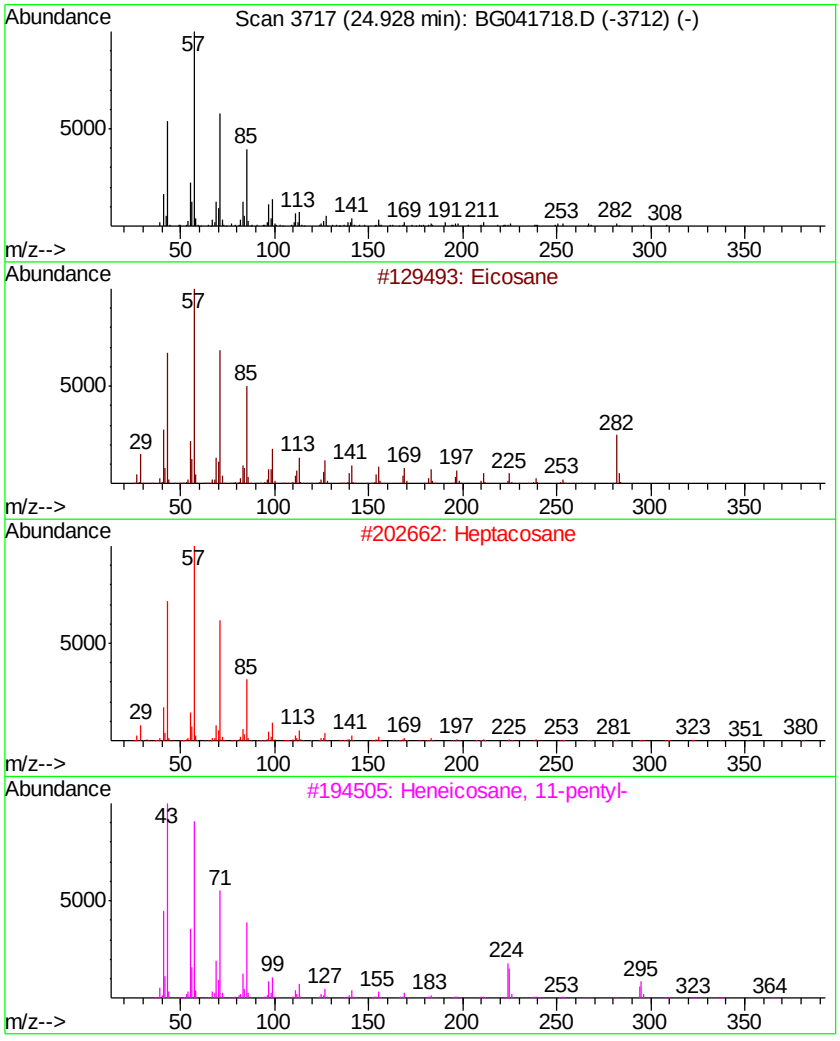
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

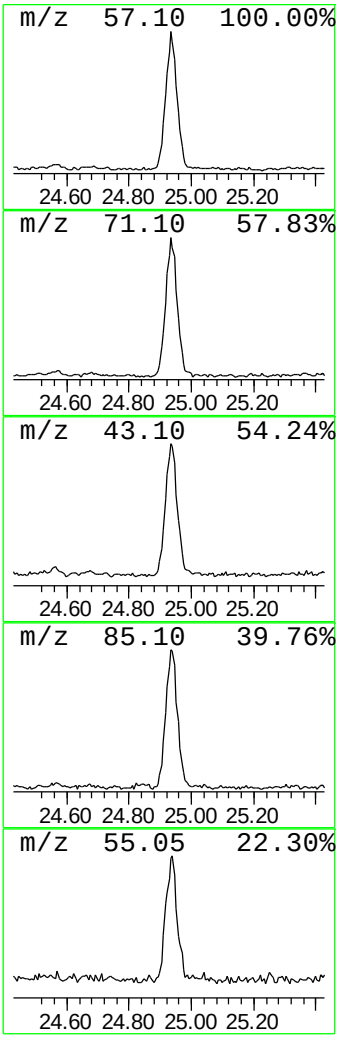
****

Peak Number 10 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.93	4.18 ng	436474	Perylene-d12	24.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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

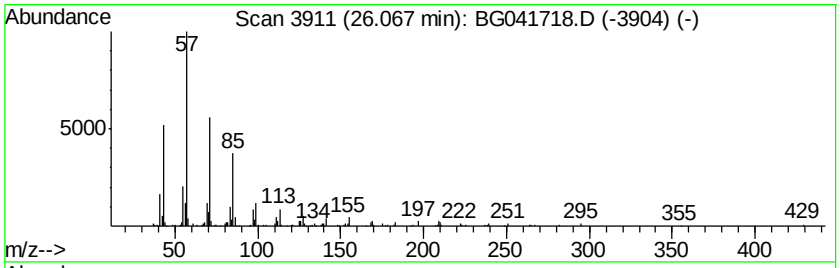
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

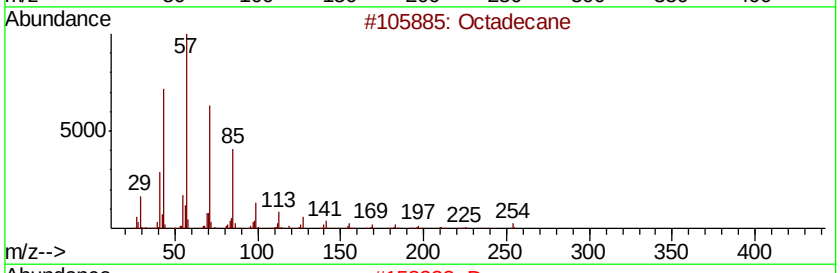
****

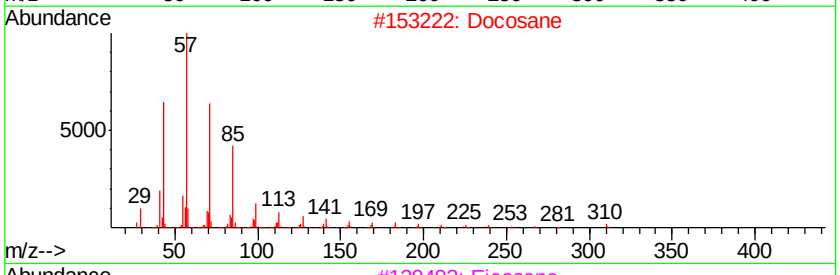
Peak Number 11 Octadecane Concentration Rank 9

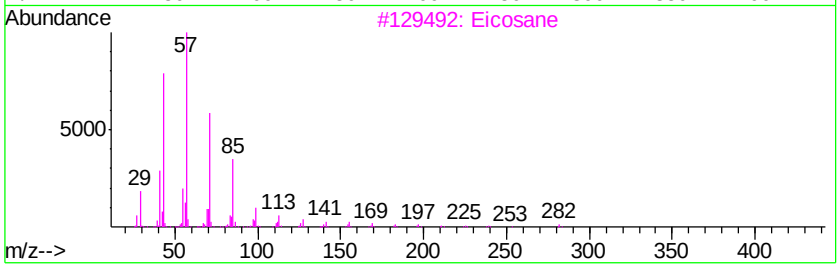
R.T.	EstConc	Area	Relative to ISTD	R.T.
26.07	3.10 ng	323854	Perylene-d12	24.85

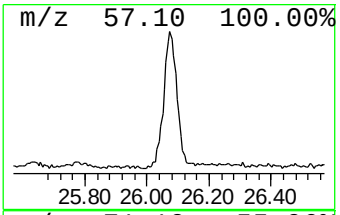
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Docosane	310	C22H46	000629-97-0	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
5	Tetratetracontane	619	C44H90	007098-22-8	90

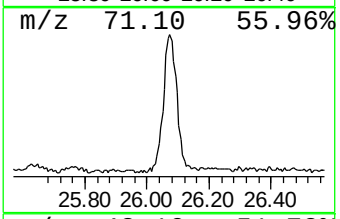


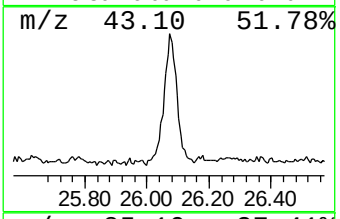


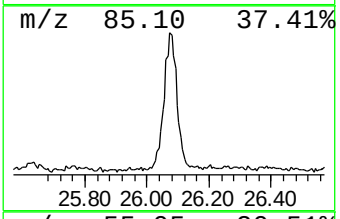


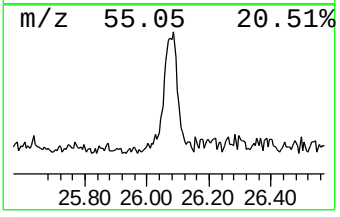












Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071819\
Data File : BG041718.D
Acq On : 18 Jul 2019 20:22
Operator : HP/JU
Sample : K3834-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TW-5

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...	3.21	53.2	ng	1941560	1	8.05	729334	20.0
unknown7.58	7.58	66.9	ng	2439390	1	8.05	729334	20.0
n-Hexadecanoic acid	18.29	2.1	ng	193802	4	17.40	1821810	20.0
Tetratetracontane	21.32	3.3	ng	338044	5	21.65	2055020	20.0
Hexacosane	21.87	2.3	ng	238115	5	21.65	2055020	20.0
Tricosane	22.48	3.4	ng	348071	5	21.65	2055020	20.0
Tetracosane	23.17	4.0	ng	414167	5	21.65	2055020	20.0
Octadecane, 2-met...	23.98	4.5	ng	464407	6	24.85	2089560	20.0
Eicosane	24.93	4.2	ng	436474	6	24.85	2089560	20.0
Octadecane	26.07	3.1	ng	323854	6	24.85	2089560	20.0