LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043361.D
Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

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-BG102119.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	34	rVB	885478	1363987	32.46%	6.853%
2	5.127	341	347	356	rBV	27375	48389	1.15%	0.243%
3	5.615	424	430	441	rBV	458358	811755	19.32%	4.079%
4	7.213	695	702	712	rBV	303810	604554	14.39%	3.038%
5	7.565	755	762	773	rBV	734213	1342790	31.96%	6.747%
6	8.024	830	840	847	rBV	143614	252057	6.00%	1.266%
7	8.347	885	895	905	rBV	555245	979802	23.32%	4.923%
8	9.187	1030	1038	1051	rBV	407843	820759	19.53%	4.124%
9	10.826	1308	1317	1329	rBV	152887	315810	7.52%	1.587%
10	13.276	1726	1734	1745	rBV	1297789	2140420	50.94%	10.755%
11	14.105	1869	1875	1886	rBV	49404	97416	2.32%	0.489%
12	14.651	1960	1968	1985	rBV	306573	522425	12.43%	2.625%
13	16.138	2215	2221	2243	rBV	1227163	2087935	49.69%	10.491%
14	17.395	2424	2435	2451	rBV2	375177	671730	15.99%	3.375%
15	18.282	2581	2586	2594	rBV5	42299	87920	2.09%	0.442%
16	20.004	2873	2879	2896	rBV	3127129	4202115	100.00%	21.114%
17	20.797	3010	3014	3020	rBV	42883	55340	1.32%	0.278%
18	21.302	3096	3100	3109	rBV2	71831	124071	2.95%	0.623%
19	21.661	3154	3161	3172	rBV2	453951	830605	19.77%	4.173%
20	21.849	3187	3193	3199	rBV	112311	163835	3.90%	0.823%
21	22.448	3287	3295	3301	rBV	141032	242726	5.78%	1.220%
22	23.135	3405	3412	3422	rVB	165923	298221	7.10%	1.498%
23	23.934	3539	3548	3557	rBV	142467	305572	7.27%	1.535%
24	24.863	3694	3706	3724	rBV3	368447	1163229	27.68%	5.845%
25	25.985	3887	3897	3907	rVB4	78948	241206	5.74%	1.212%
26	27.325	4117	4125	4136	rVB4	38159	127759	3.04%	0.642%

Sum of corrected areas: 19902428

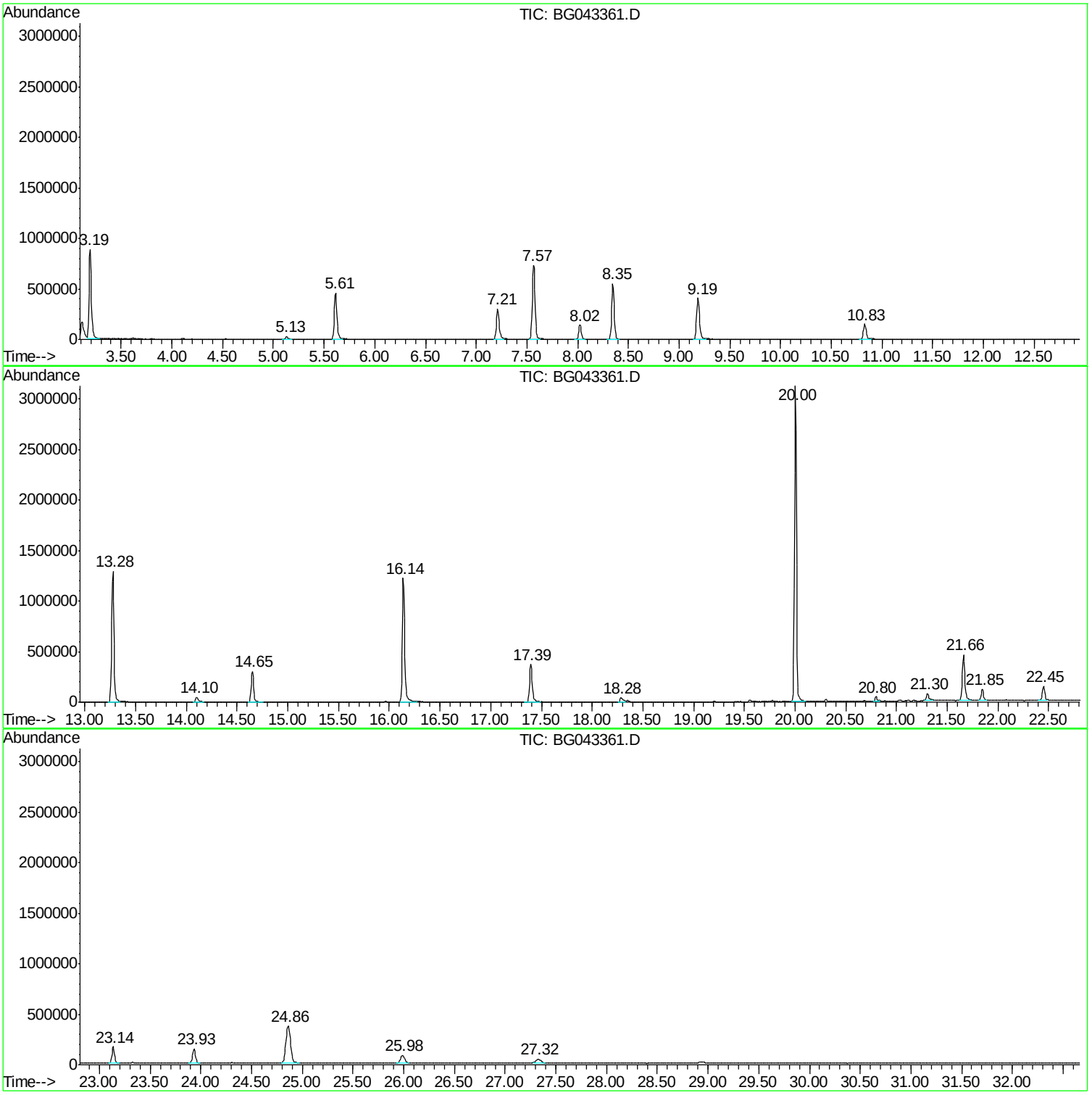
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043361.D
Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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\BG102819\
Data File : BG043361.D
Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

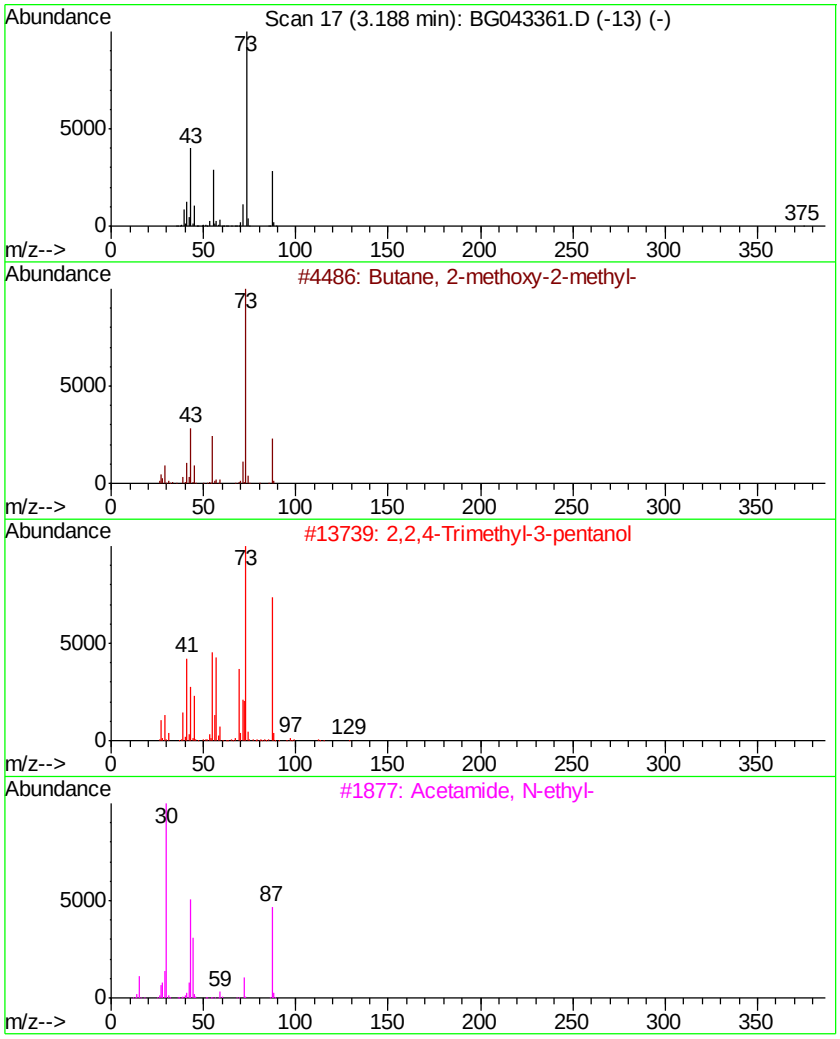
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

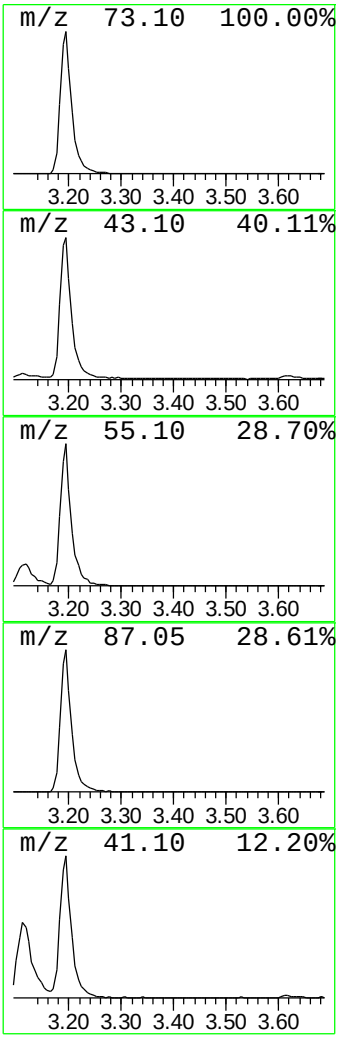
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	108.23 ng	1363990	1,4-Dichlorobenzene-d4	8.02

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	38
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

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Data File : BG043361.D
Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

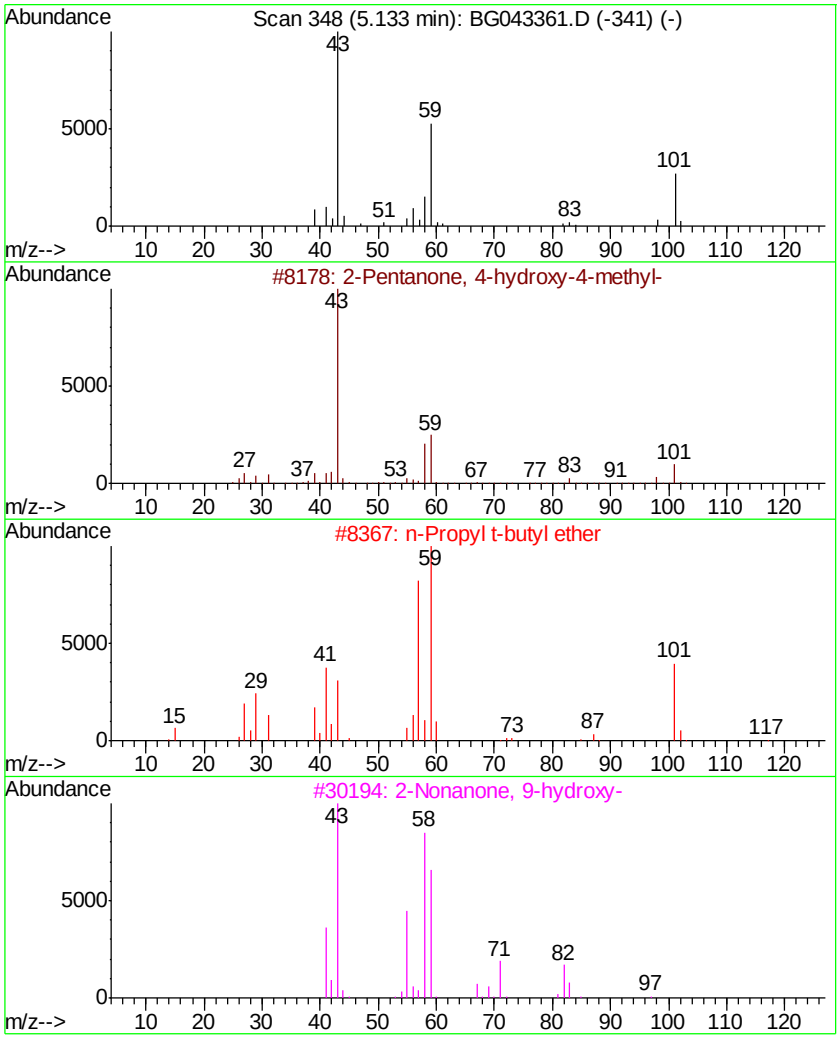
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

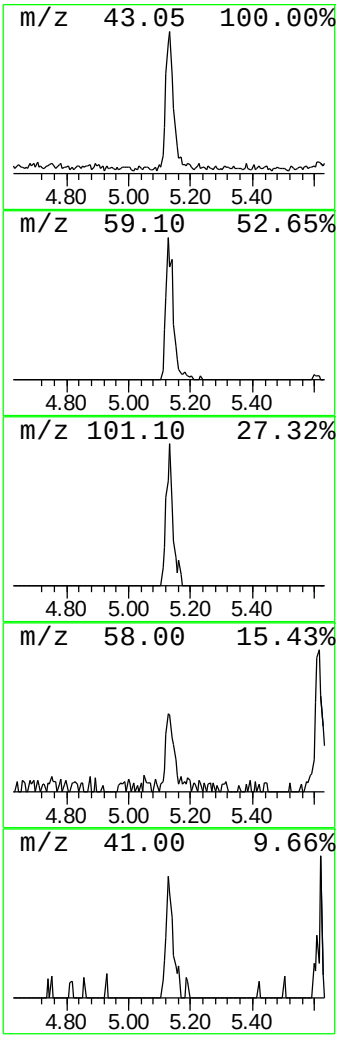
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	3.84 ng	48389	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	27
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25





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Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

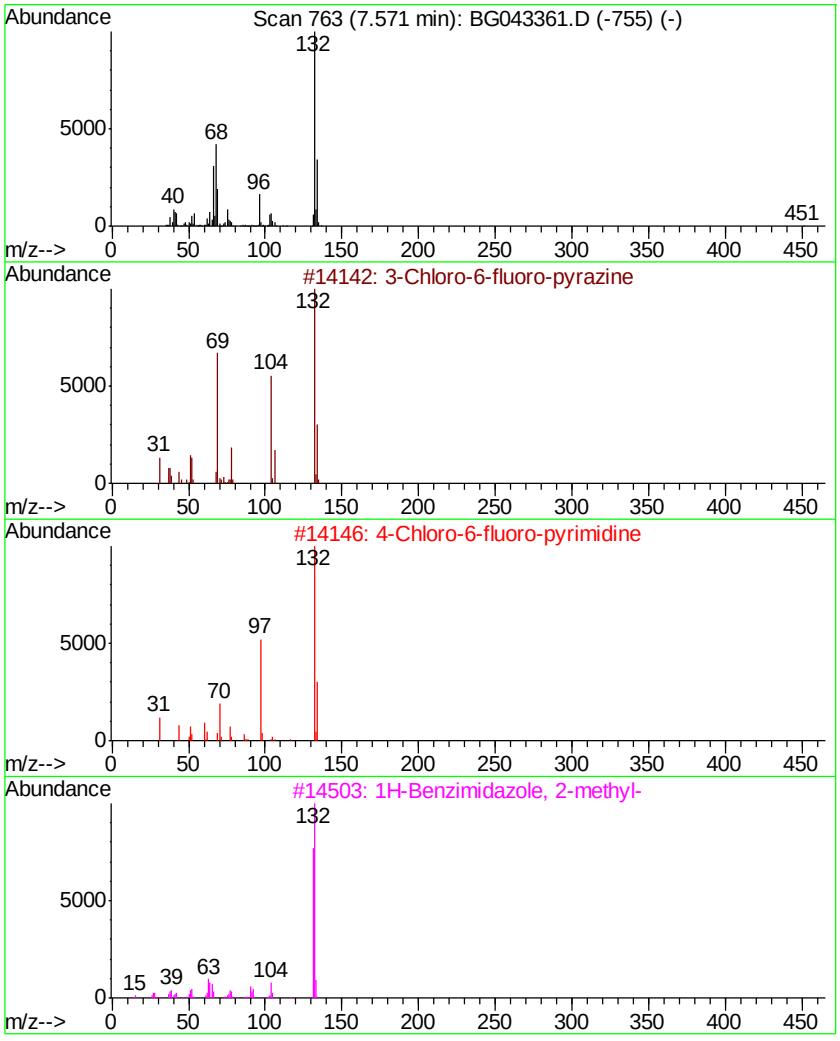
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

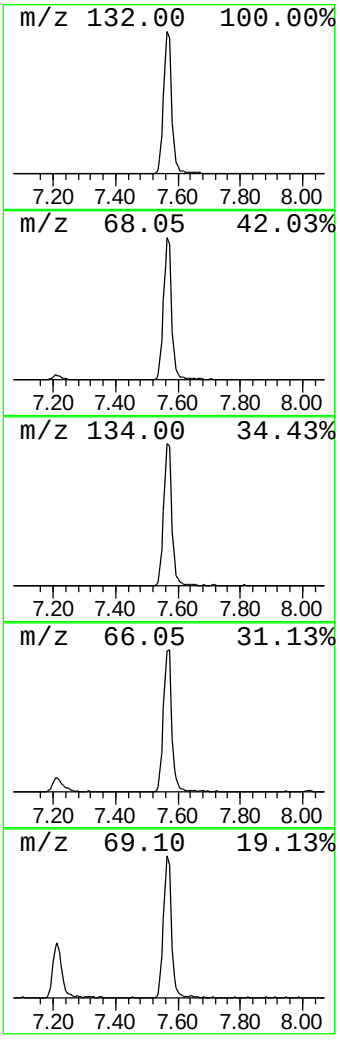
****

Peak Number 3 unknown7.57 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	106.55 ng	1342790	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043361.D
Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

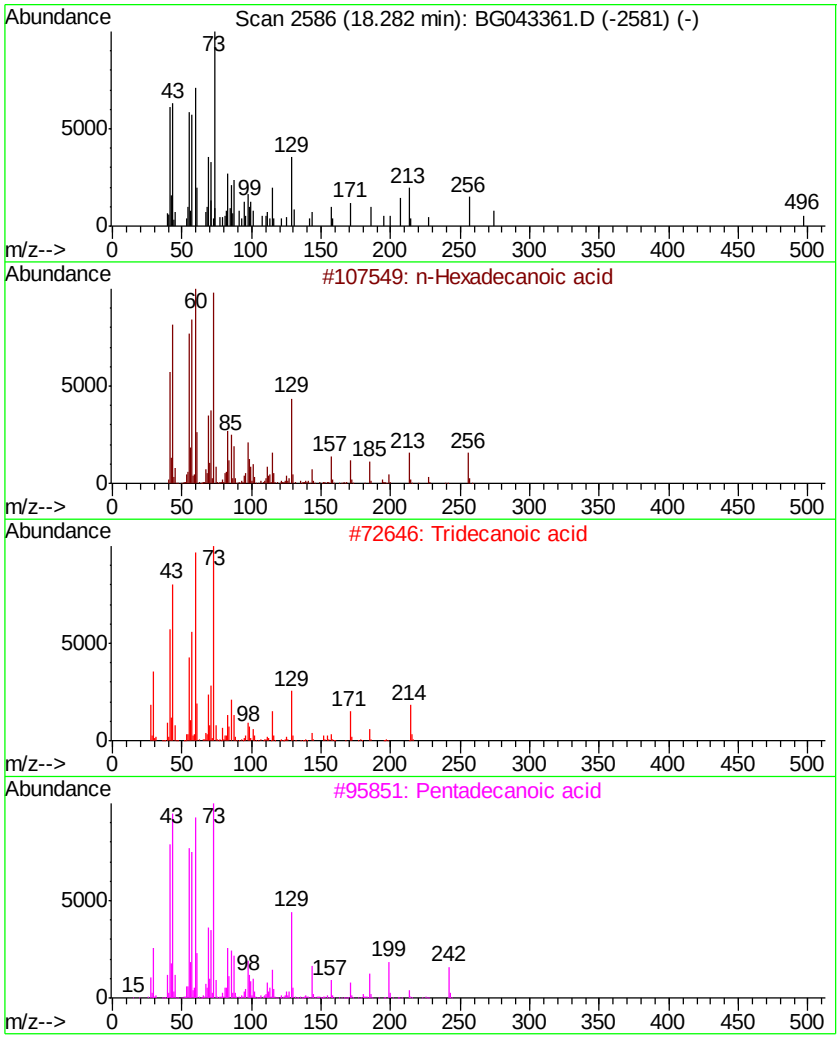
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

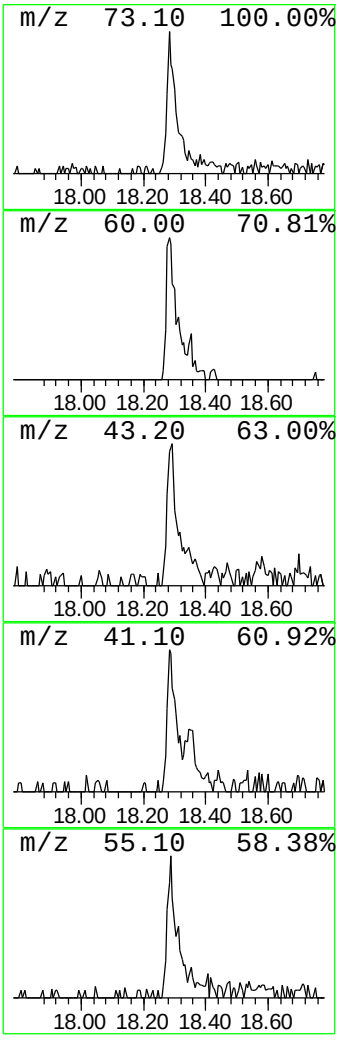
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	2.62 ng	87920	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	78
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Octadecanoic acid	284	C18H36O2	000057-11-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
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Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

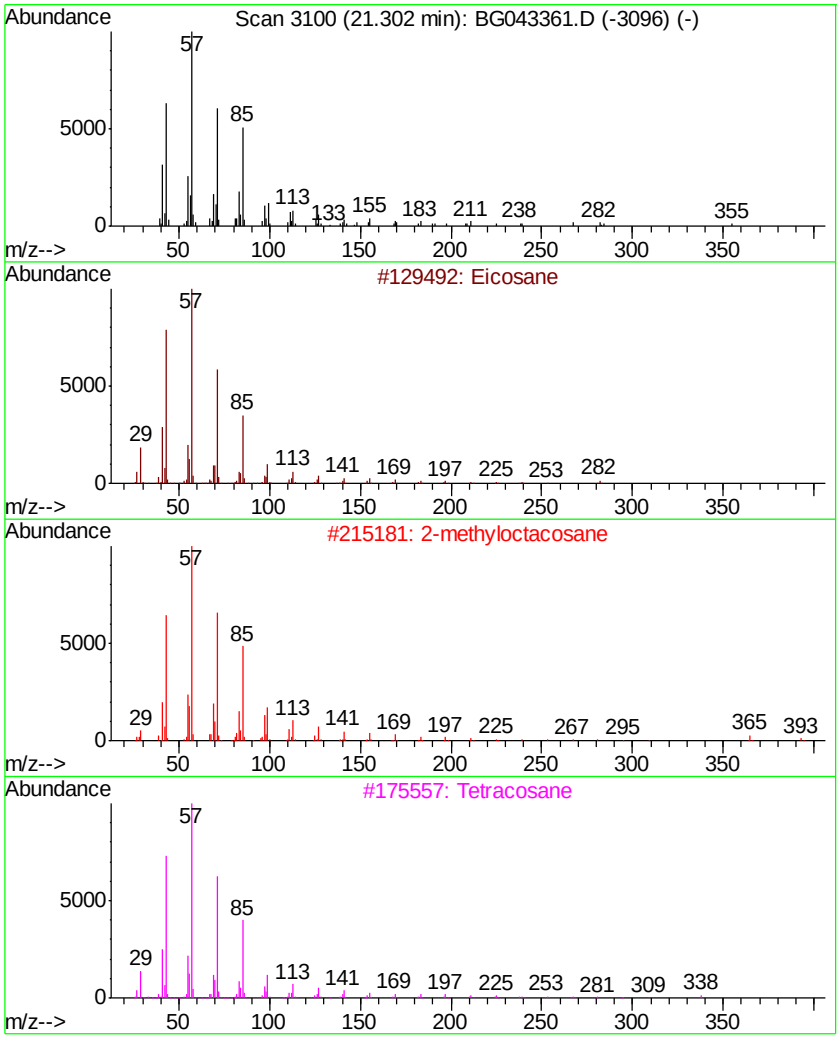
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

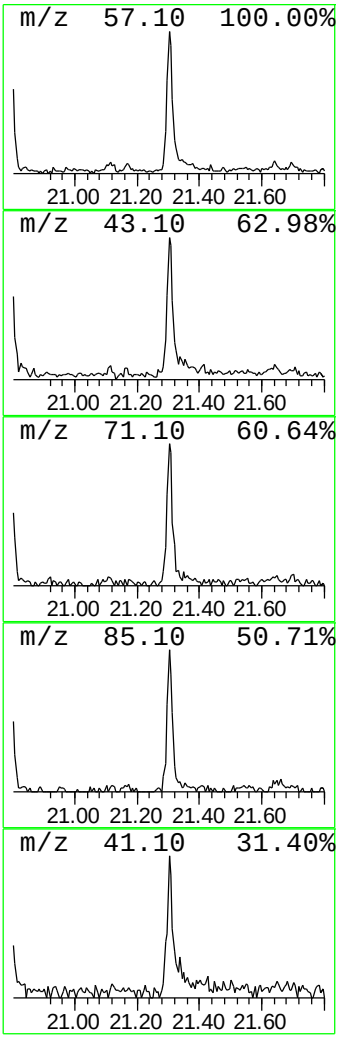
****

Peak Number 6 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.99 ng	124071	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
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Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

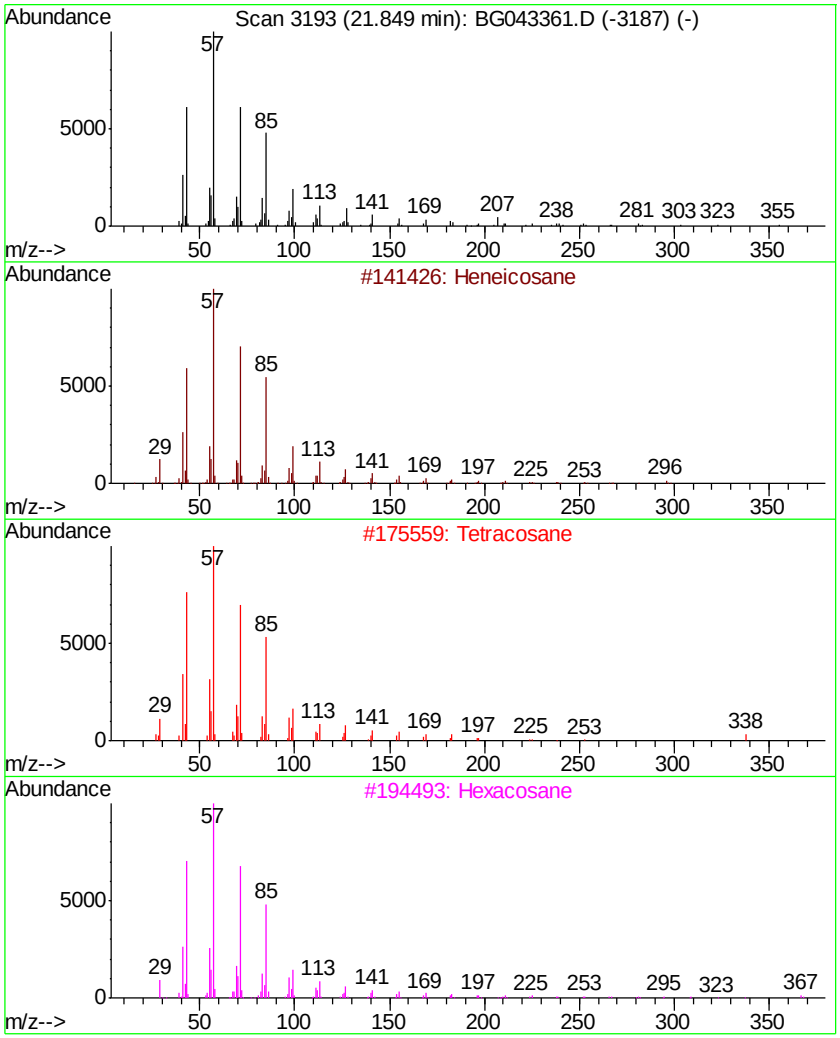
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

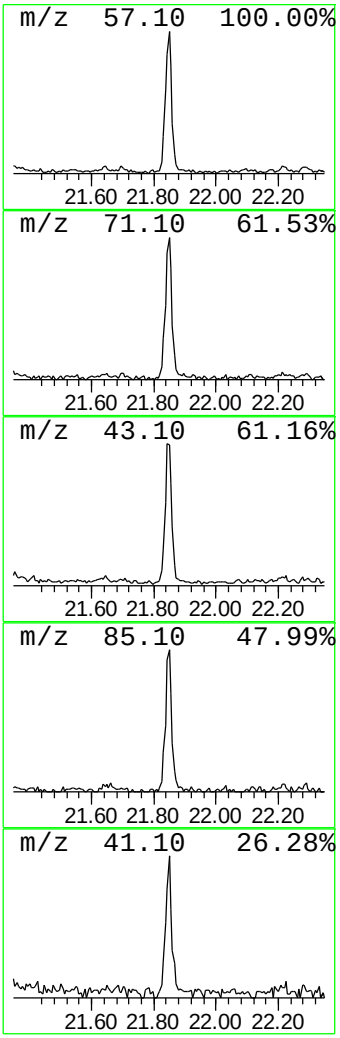
****

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	3.94 ng	163835	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetratetracontane	619	C44H90	007098-22-8	87
5	Docosane	310	C22H46	000629-97-0	87





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

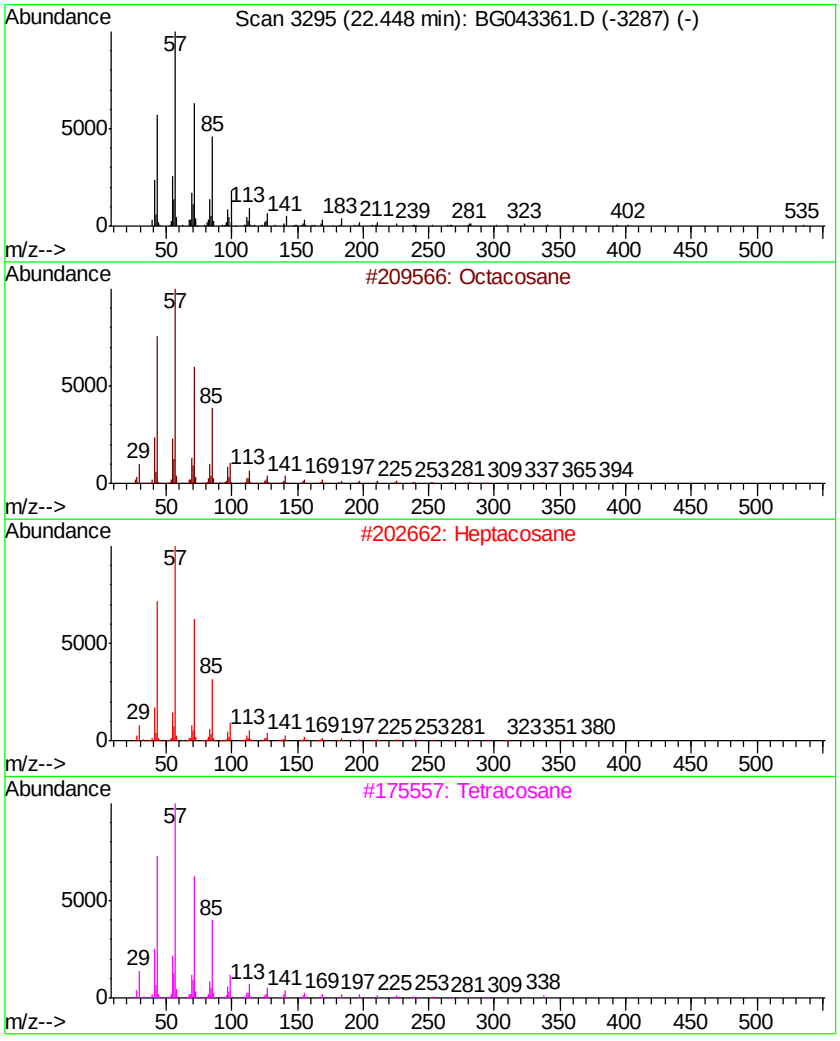
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

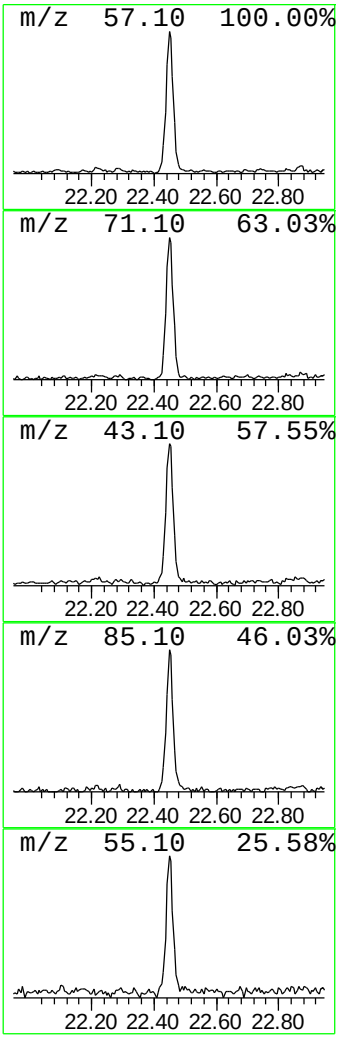
****

Peak Number 8 Octacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	5.84 ng	242726	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Heptacosane	380	C27H56	000593-49-7	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Docosane	310	C22H46	000629-97-0	87





Library Search Compound Report

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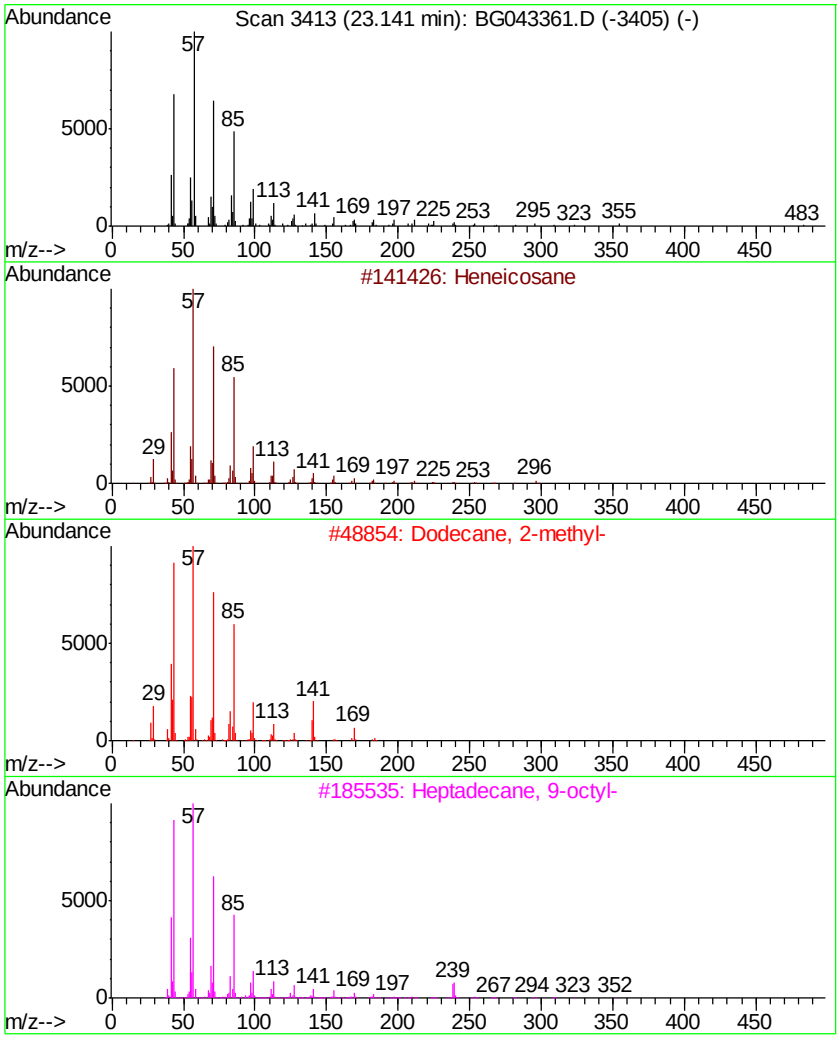
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

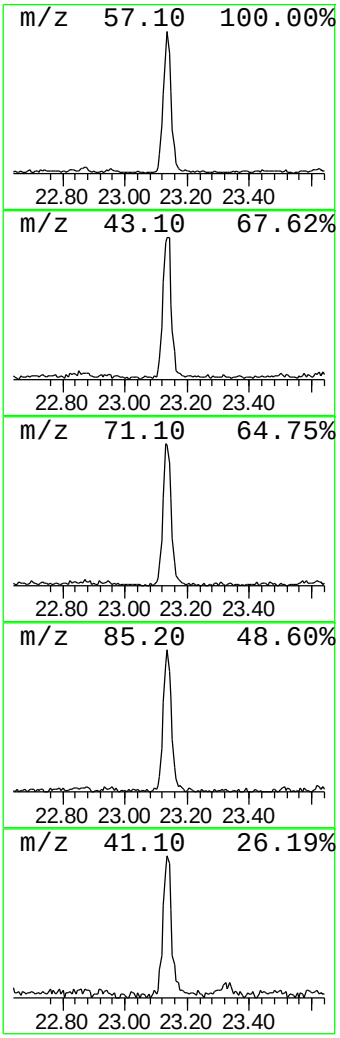
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	7.18 ng	298221	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	2-methyloctacosane	408	C29H60	1000376-72-8	90
5	Docosane	310	C22H46	000629-97-0	87





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Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

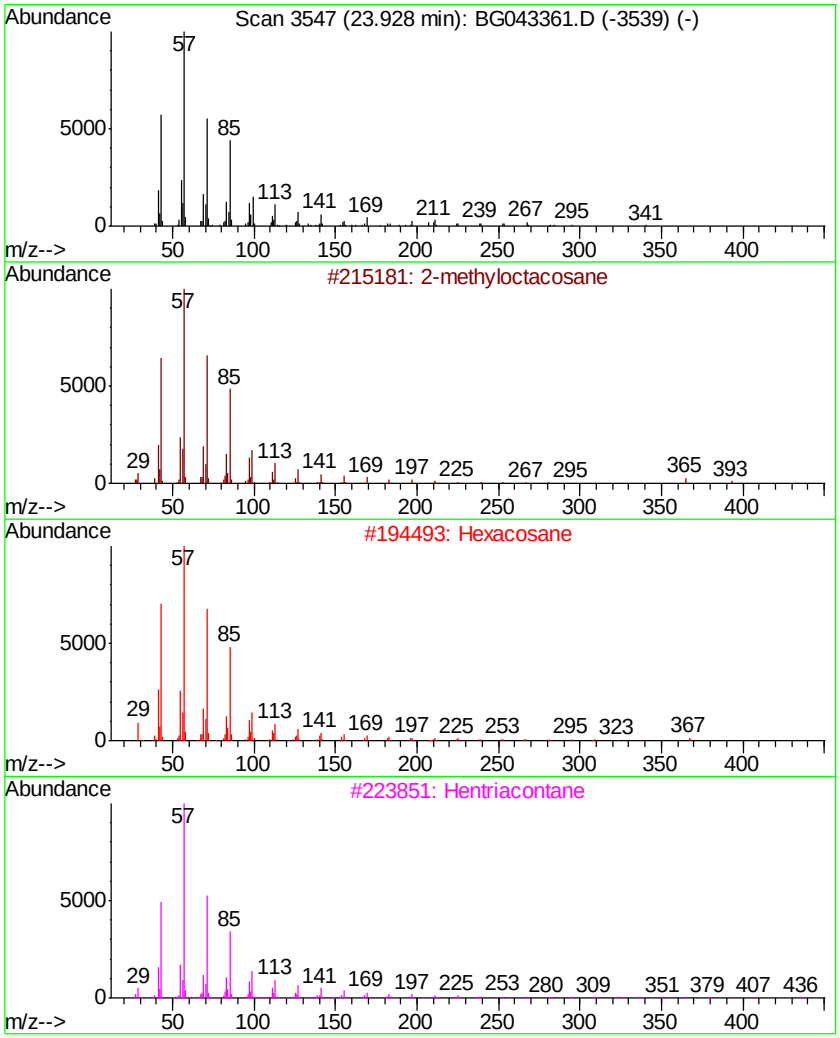
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

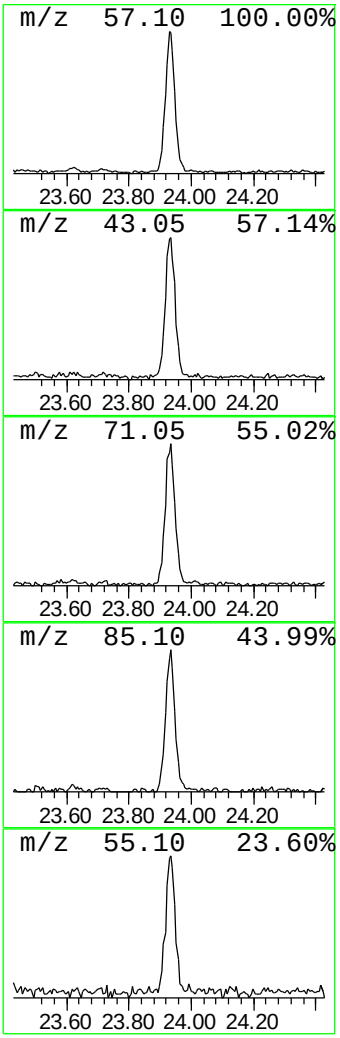
****

Peak Number 10 2-methyloctacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	5.25 ng	305572	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	90
2	Hexacosane	366	C26H54	000630-01-3	90
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
Data File : BG043361.D
Acq On : 28 Oct 2019 22:09
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Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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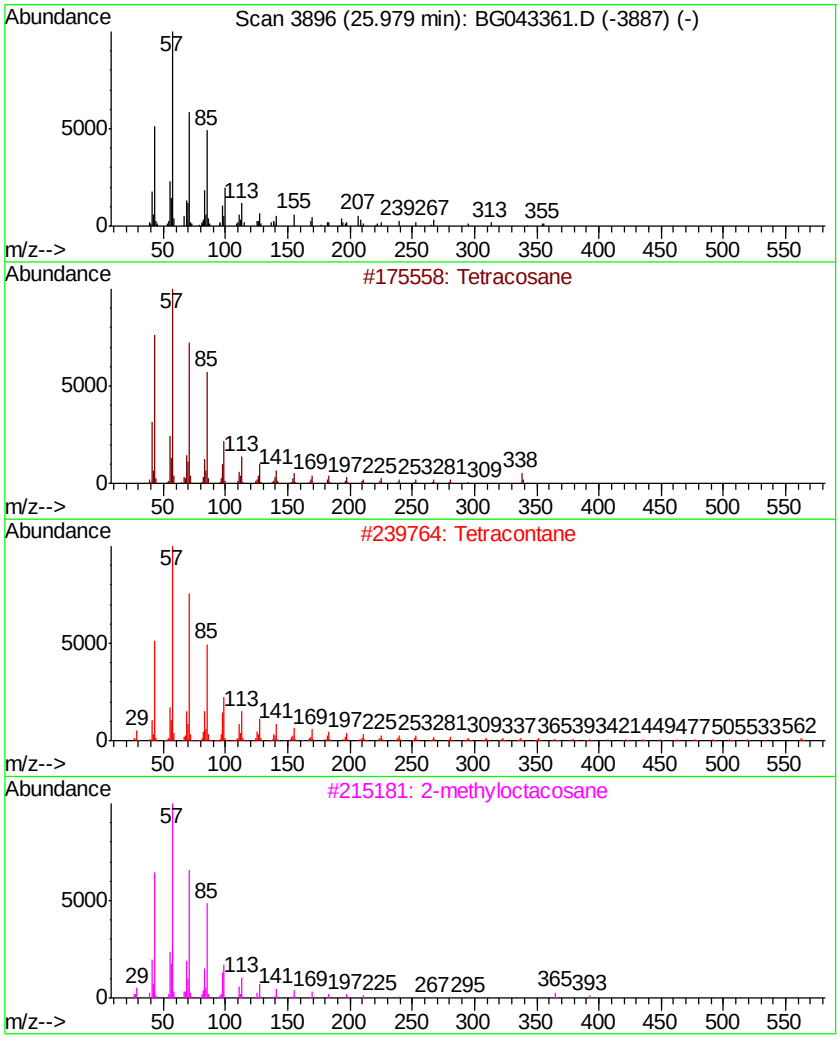
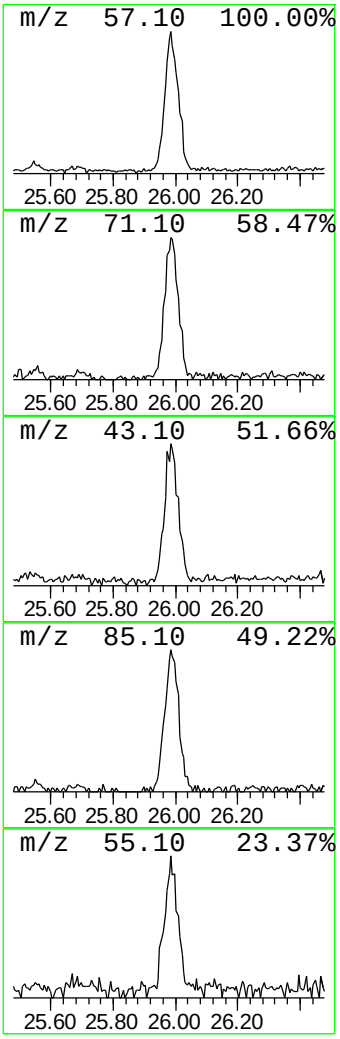
****

Peak Number 11 Tetracosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.98	4.15 ng	241206	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Tetracontane	563	C40H82	004181-95-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	87
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
5	Eicosane	282	C20H42	000112-95-8	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102819\
Data File : BG043361.D
Acq On : 28 Oct 2019 22:09
Operator : JU
Sample : K5494-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FB-102119

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG102119.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	108.2	ng	1363990	1	8.02	252057	20.0
2-Pentanone, 4-hy...	5.13	3.8	ng	48389	1	8.02	252057	20.0
unknown7.57	7.57	106.6	ng	1342790	1	8.02	252057	20.0
n-Hexadecanoic acid	18.28	2.6	ng	87920	4	17.40	671730	20.0
Eicosane	21.30	3.0	ng	124071	5	21.66	830605	20.0
Heneicosane	21.85	3.9	ng	163835	5	21.66	830605	20.0
Octacosane	22.45	5.8	ng	242726	5	21.66	830605	20.0
Dodecane, 2-methyl-	23.14	7.2	ng	298221	5	21.66	830605	20.0
2-methyloctacosane	23.93	5.3	ng	305572	6	24.86	1163230	20.0
Tetracosane	25.98	4.2	ng	241206	6	24.86	1163230	20.0