LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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	711899	1303711	34.60%	7.152%
2	5.133	342	348	356	rBV	73101	120899	3.21%	0.663%
3	5.615	423	430	443	rBV	449909	794536	21.09%	4.359%
4	7.207	694	701	714	rBV	290229	597228	15.85%	3.276%
5	7.566	754	762	772	rBV	721160	1324229	35.15%	7.265%
6	8.024	833	840	848	rBV	148517	255466	6.78%	1.401%
7	8.347	885	895	907	rBV	574593	1035930	27.50%	5.683%
8	9.187	1029	1038	1061	rBV	388321	798839	21.20%	4.382%
9	10.832	1307	1318	1337	rBV	153689	332595	8.83%	1.825%
10	13.277	1726	1734	1758	rBV	1226616	2089644	55.47%	11.464%
11	14.099	1869	1874	1881	rBV	71124	130062	3.45%	0.714%
12	14.651	1962	1968	1980	rVB	301053	491877	13.06%	2.698%
13	16.144	2215	2222	2237	rBV	1060765	1863225	49.46%	10.221%
14	17.395	2429	2435	2448	rBV	365136	624510	16.58%	3.426%
15	18.288	2581	2587	2603	rBV2	125330	237207	6.30%	1.301%
16	19.558	2798	2803	2815	rBV3	52858	91901	2.44%	0.504%
17	20.004	2873	2879	2893	rBV	2701114	3767428	100.00%	20.668%
18	21.308	3095	3101	3118	rBV3	100475	270672	7.18%	1.485%
19	21.661	3155	3161	3176	rBV2	412871	778854	20.67%	4.273%
20	21.849	3188	3193	3198	rBV2	30822	45541	1.21%	0.250%
21	22.448	3290	3295	3301	rBV3	40257	67099	1.78%	0.368%
22	23.136	3407	3412	3419	rVB2	47687	88545	2.35%	0.486%
23	23.935	3541	3548	3556	rBV3	47587	105258	2.79%	0.577%
24	24.869	3693	3707	3720	rBV2	309498	945219	25.09%	5.185%
25	25.991	3891	3898	3903	rBV4	25588	68152	1.81%	0.374%

Sum of corrected areas: 18228627

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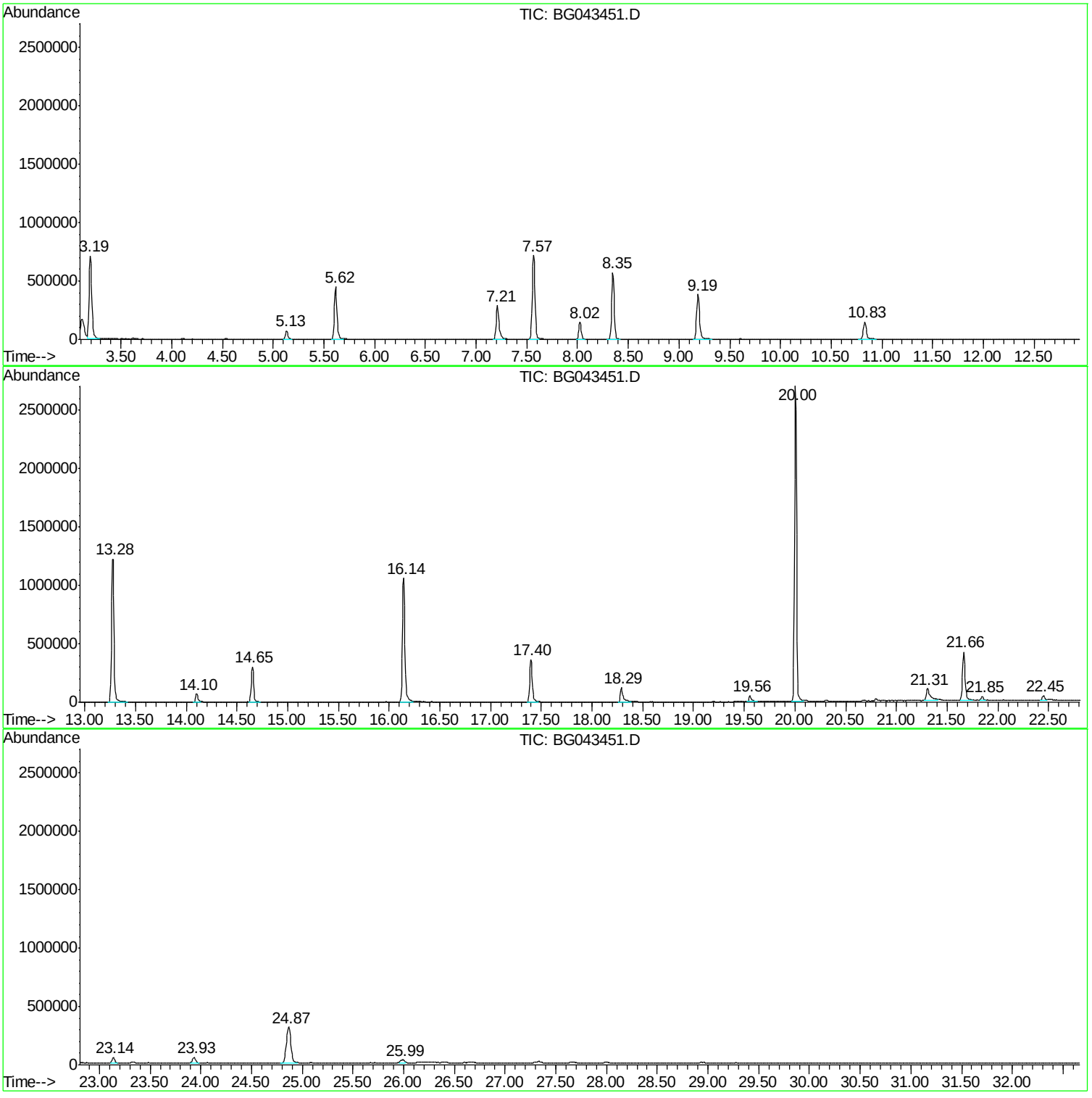
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190895-FIELD-BLANK

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

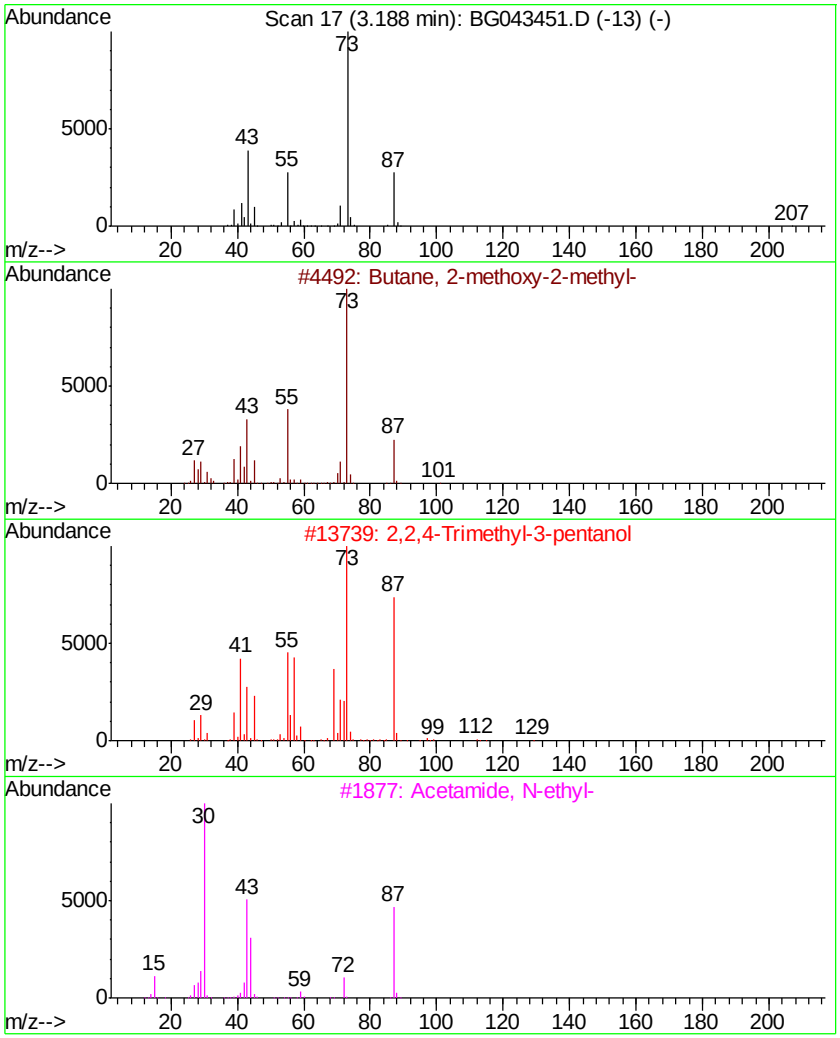
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

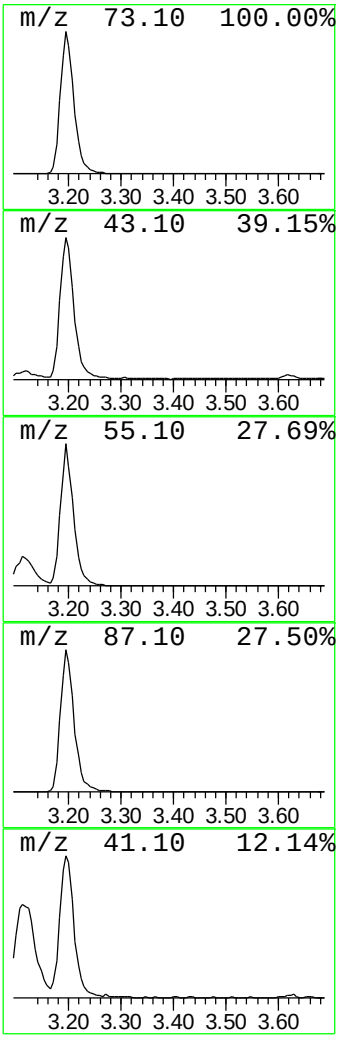
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	102.07 ng	1303710	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	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

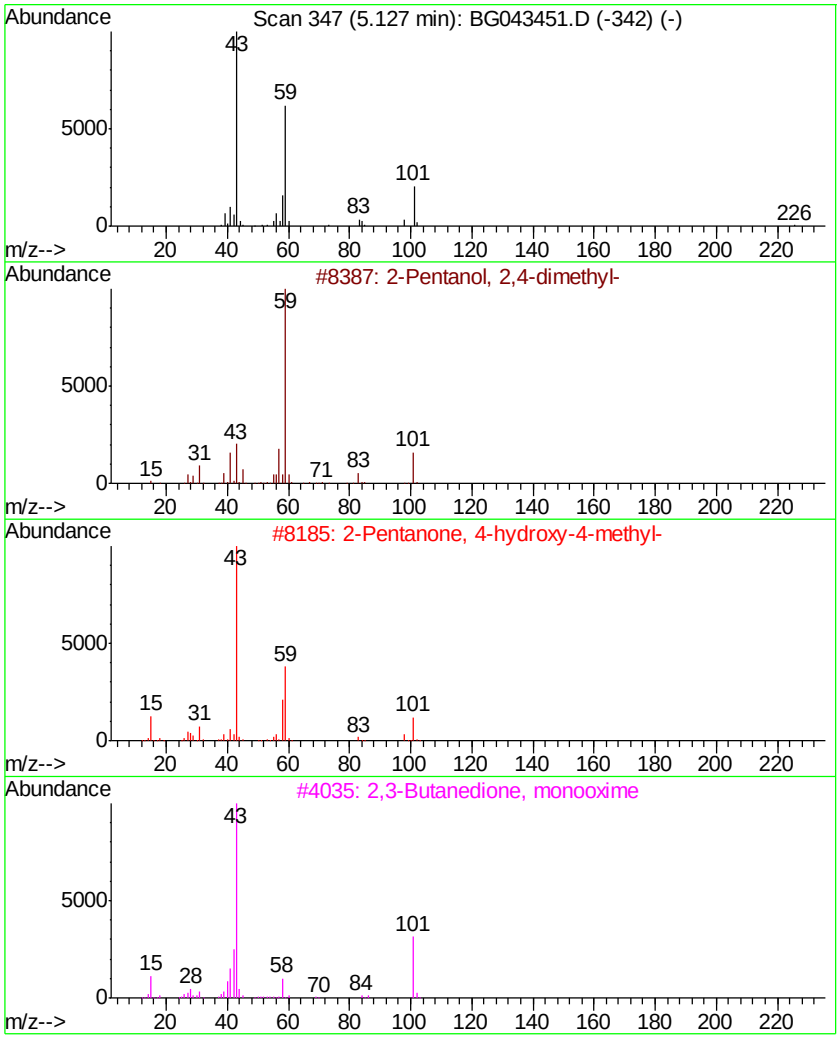
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

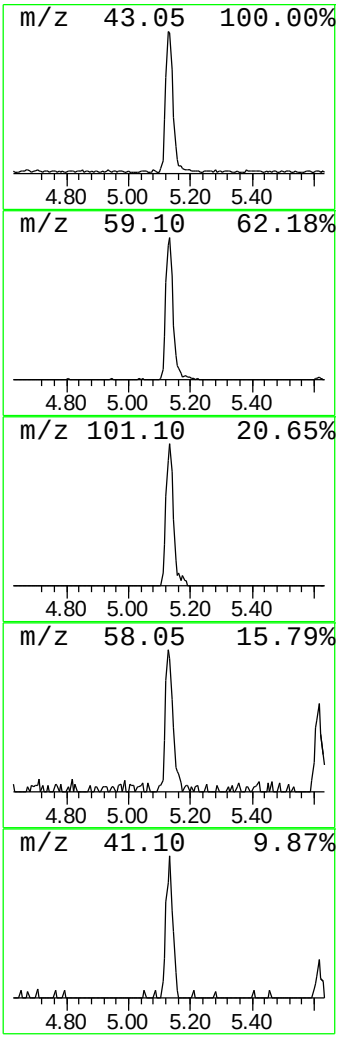
****

Peak Number 2 2-Pentanol, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	9.46 ng	120899	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

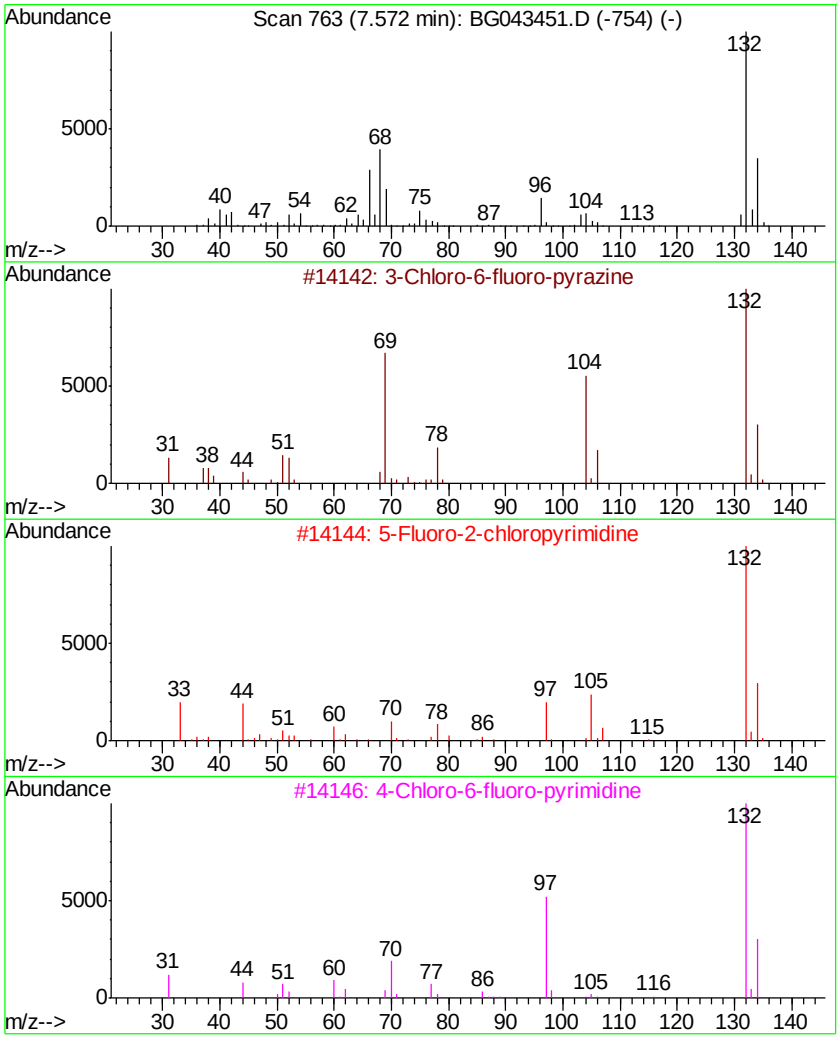
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

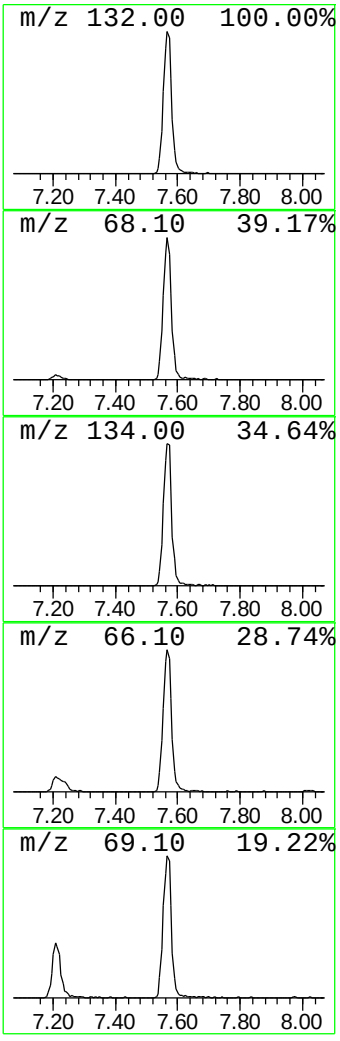
****

Peak Number 3 unknown7.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.57	103.67 ng	1324230	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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

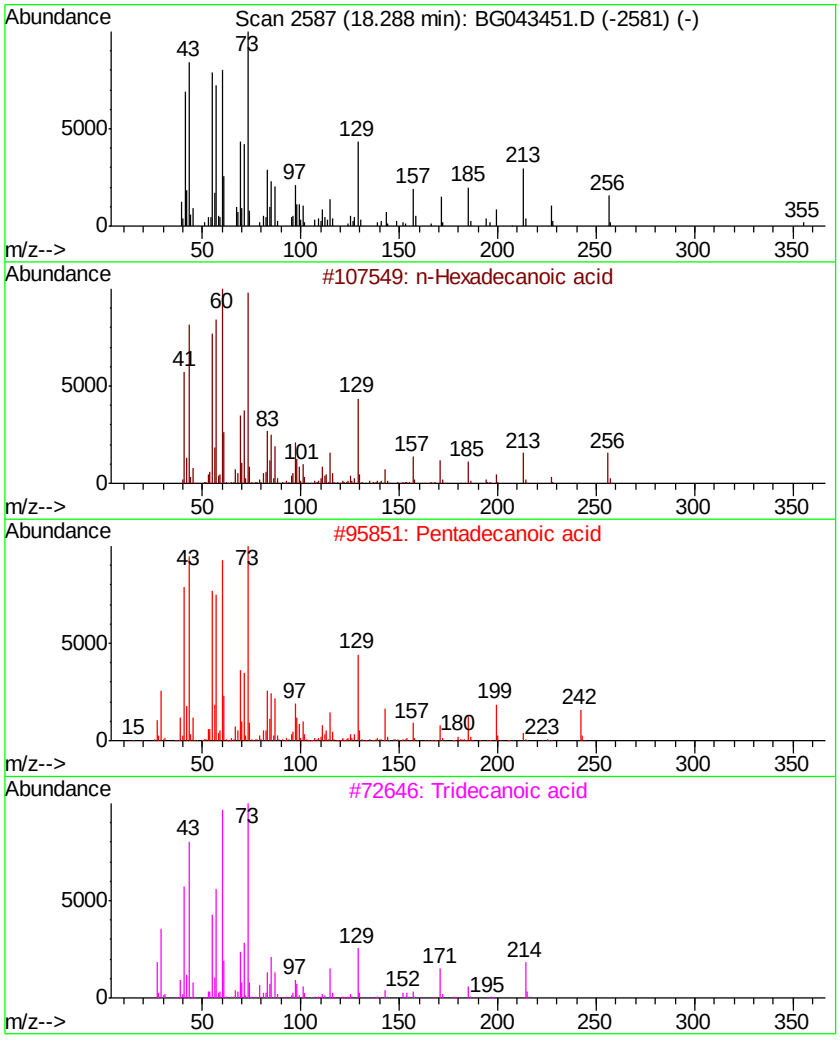
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

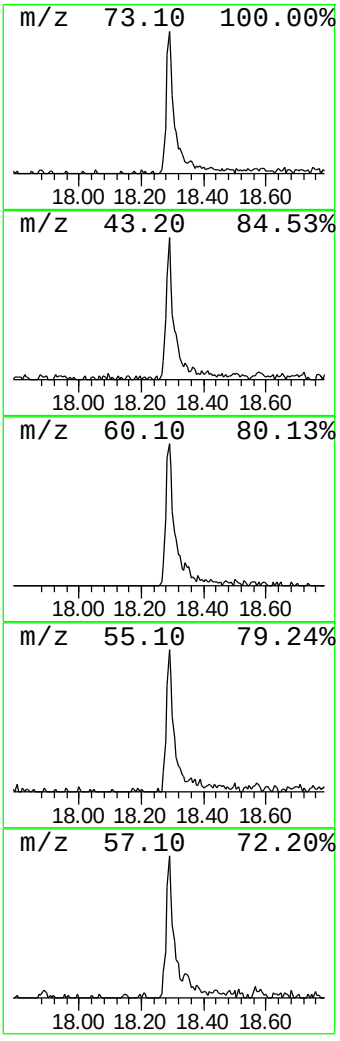
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	7.60 ng	237207	Phenanthrene-d10	17.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	86
4	Octadecanoic acid	284	C18H36O2	000057-11-4	81
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

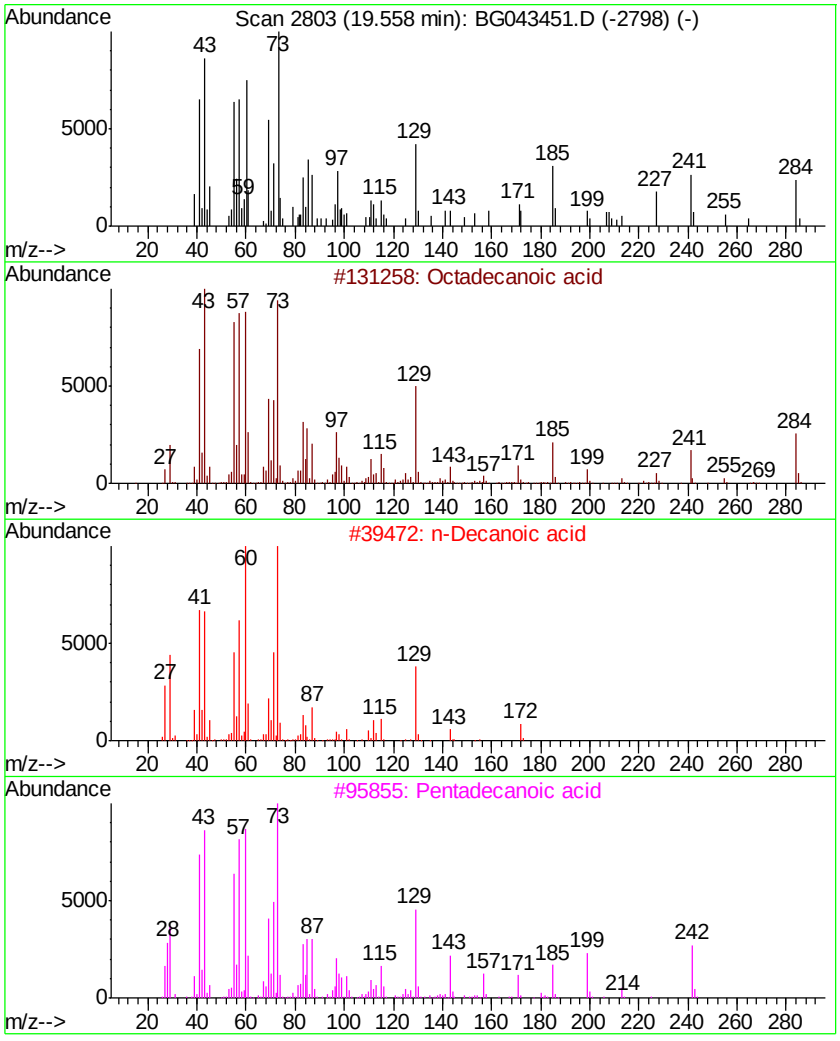
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

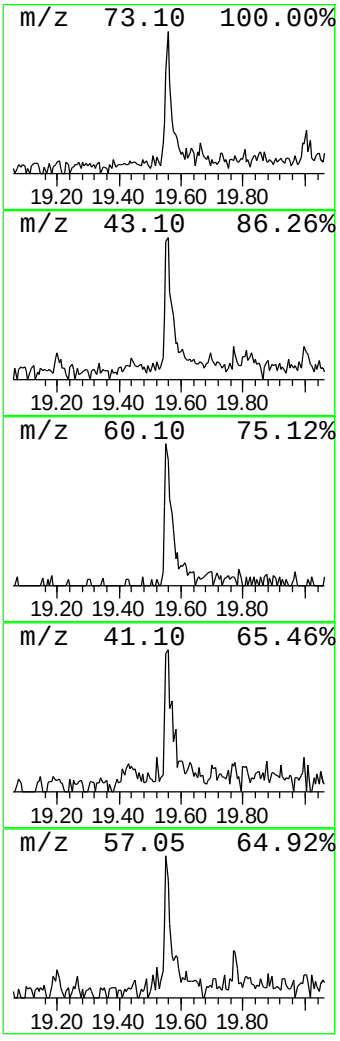
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.56	2.36 ng	91901	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





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Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

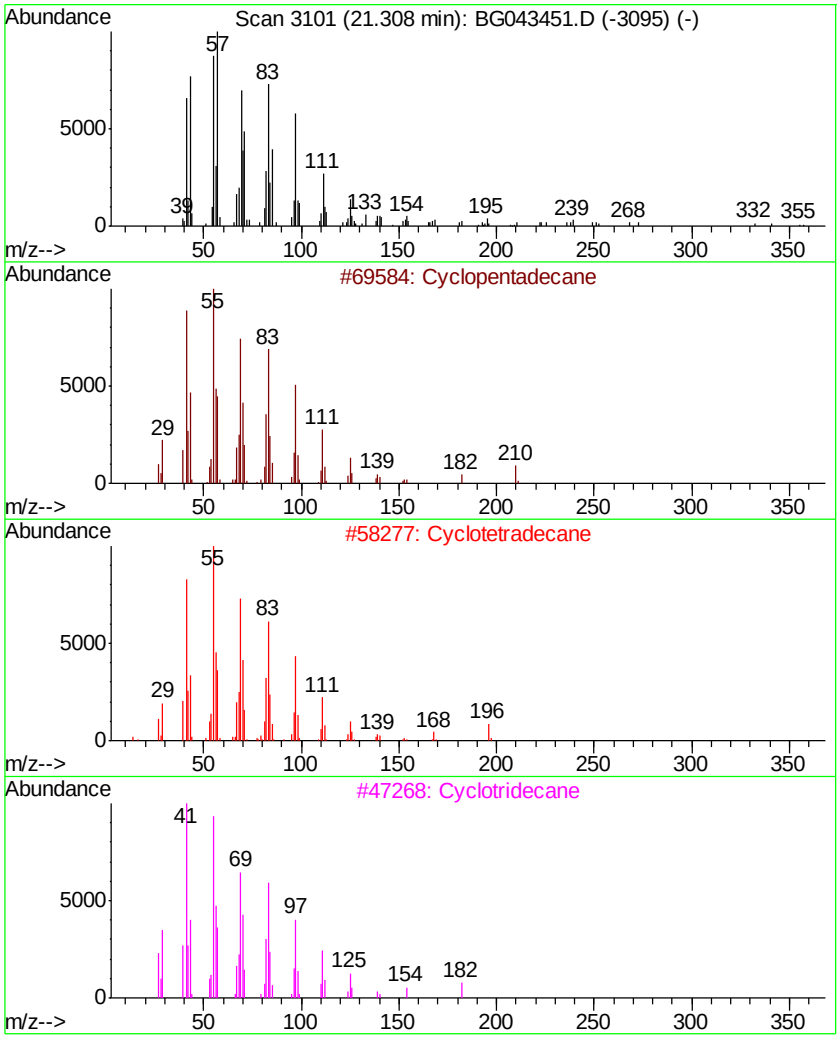
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

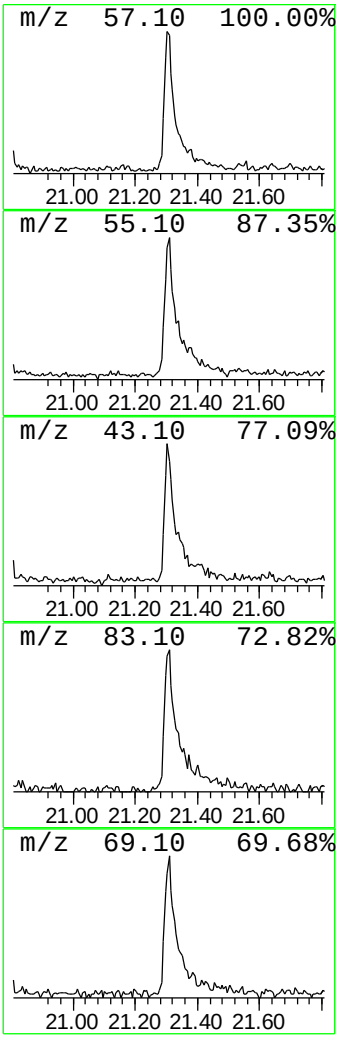
****

Peak Number 7 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	6.95 ng	270672	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	98
2	Cyclotetradecane	196	C14H28	000295-17-0	96
3	Cyclotridecane	182	C13H26	000295-02-3	90
4	Cyclotetracosane	336	C24H48	000297-03-0	87
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	87





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Sample : K5603-04
Misc :
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Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

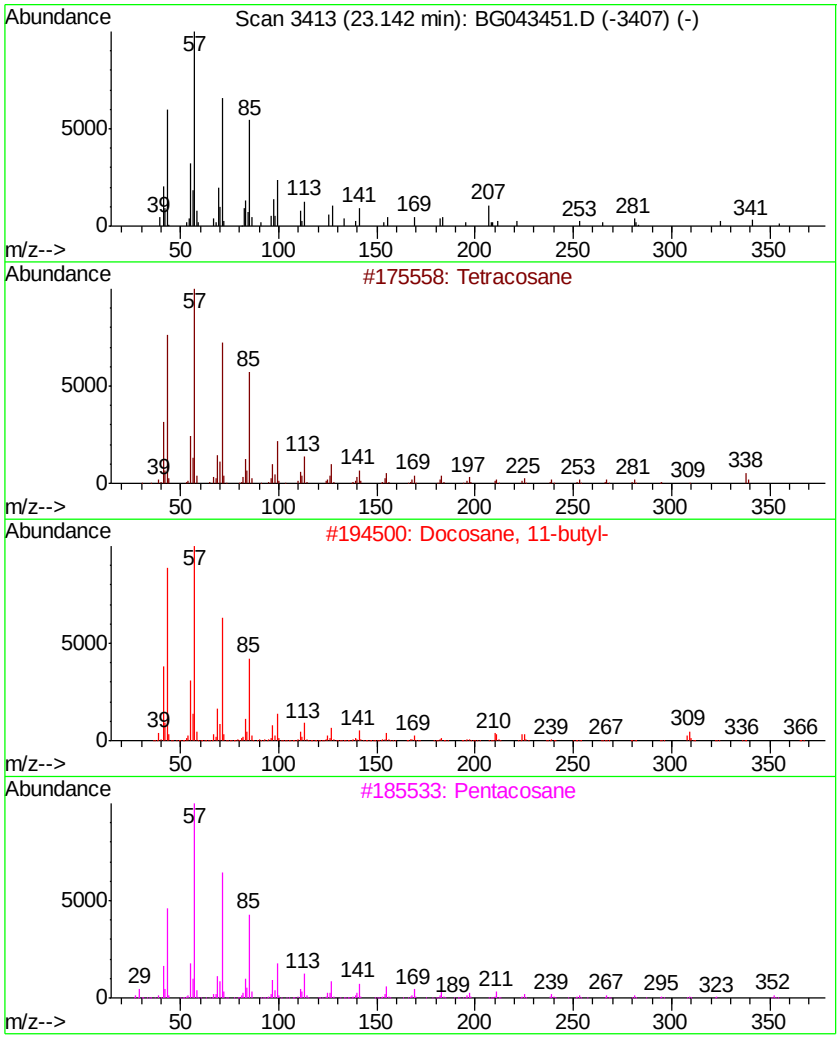
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

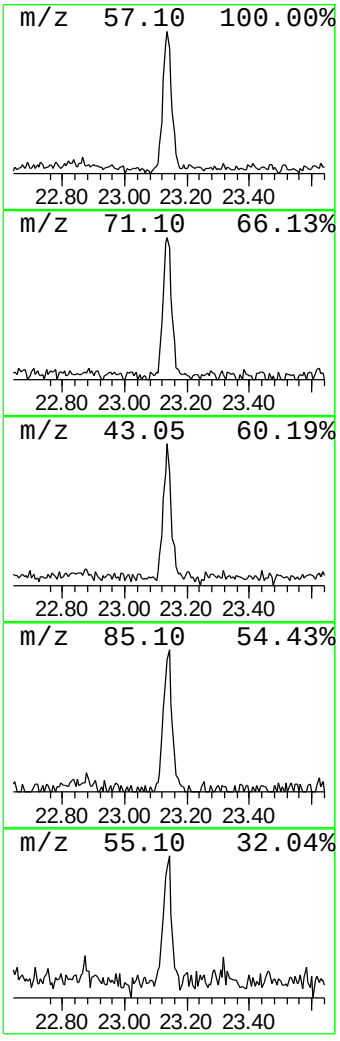
****

Peak Number 8 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.14	2.27 ng	88545	Chrysene-d12	21.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Pentacosane	352	C25H52	000629-99-2	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Docosane	310	C22H46	000629-97-0	90





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Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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

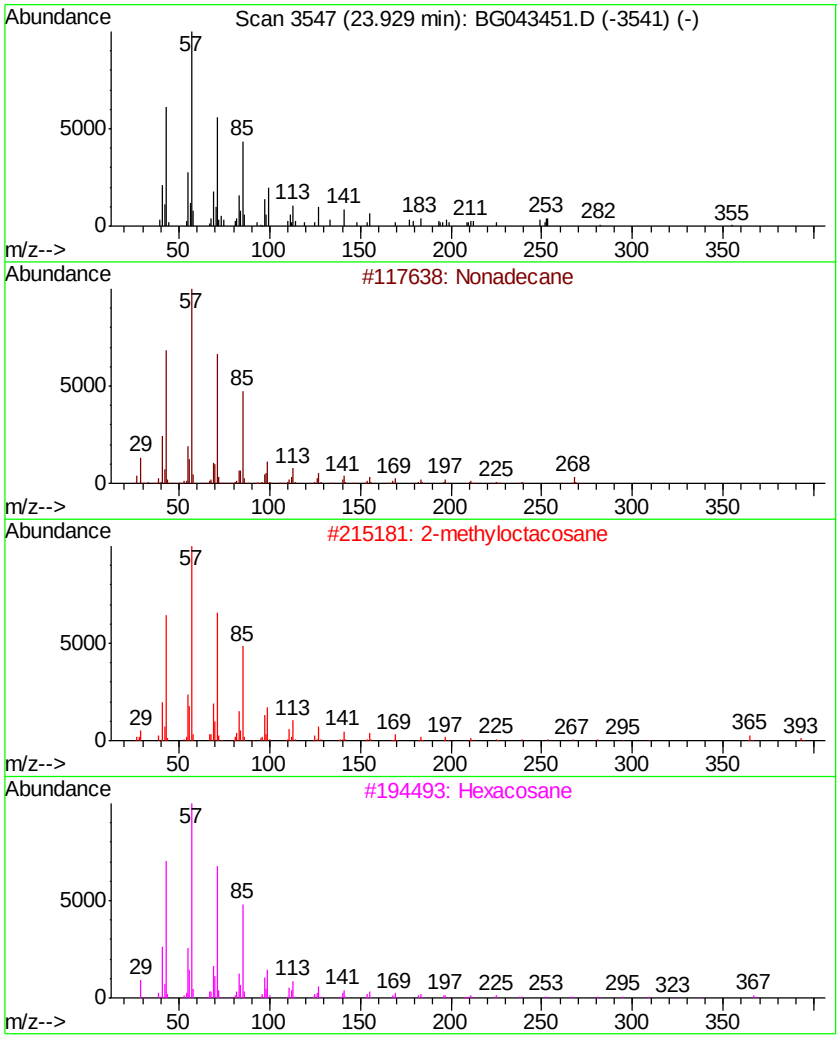
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

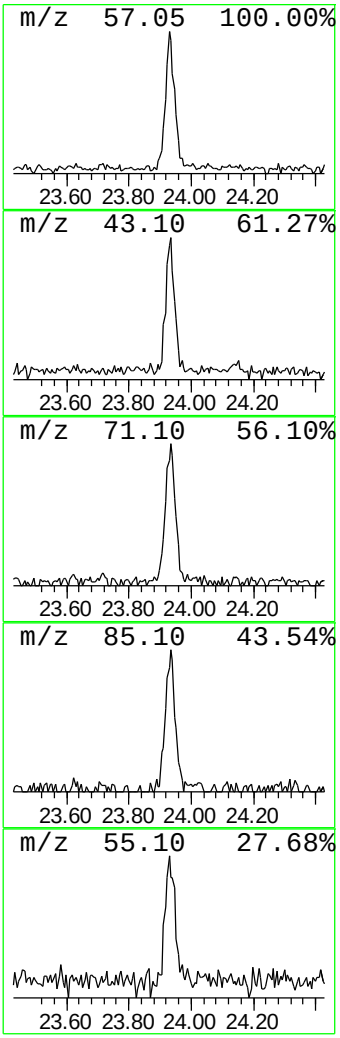
****

Peak Number 9 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.23 ng	105258	Perylene-d12	24.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	2-methyloctacosane	408	C29H60	1000376-72-8	83
3	Hexacosane	366	C26H54	000630-01-3	81
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	76
5	Heneicosane	296	C21H44	000629-94-7	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG103119\
Data File : BG043451.D
Acq On : 1 Nov 2019 2:10
Operator : JU
Sample : K5603-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 20190895-FIELD-BLANK

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	102.1	ng	1303710	1	8.02	255466	20.0
2-Pentanol, 2,4-d...	5.13	9.5	ng	120899	1	8.02	255466	20.0
unknown7.57	7.57	103.7	ng	1324230	1	8.02	255466	20.0
n-Hexadecanoic acid	18.29	7.6	ng	237207	4	17.40	624510	20.0
Octadecanoic acid	19.56	2.4	ng	91901	5	21.66	778854	20.0
Cyclopentadecane	21.31	7.0	ng	270672	5	21.66	778854	20.0
Tetracosane	23.14	2.3	ng	88545	5	21.66	778854	20.0
Nonadecane	23.93	2.2	ng	105258	6	24.86	945219	20.0