LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043702.D
Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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	3.146	6	10	20	rVB	52985	77845	3.67%	0.724%
2	5.091	336	341	353	rBV	85403	136328	6.43%	1.268%
3	5.579	418	424	438	rBV	370749	660948	31.17%	6.149%
4	7.183	689	697	716	rBV	379718	754075	35.56%	7.016%
5	7.530	748	756	776	rBV	403583	754700	35.59%	7.021%
6	7.988	827	834	845	rBV	86158	153744	7.25%	1.430%
7	8.311	882	889	902	rBV	339500	592754	27.95%	5.515%
8	9.157	1025	1033	1047	rBV	196724	437281	20.62%	4.068%
9	10.796	1304	1312	1322	rBV	80352	182123	8.59%	1.694%
10	13.246	1721	1729	1746	rBV	598574	1112972	52.48%	10.355%
11	14.081	1864	1871	1883	rBV2	39495	89438	4.22%	0.832%
12	14.621	1957	1963	1980	rBV	183906	319243	15.05%	2.970%
13	16.114	2210	2217	2236	rBV2	523365	996319	46.98%	9.269%
14	17.371	2425	2431	2449	rBV	227525	428698	20.22%	3.988%
15	18.264	2579	2583	2592	rBV7	16023	36636	1.73%	0.341%
16	19.980	2869	2875	2890	rBV	1534097	2120690	100.00%	19.730%
17	21.637	3150	3157	3169	rBV	284637	567731	26.77%	5.282%
18	21.813	3181	3187	3194	rVB2	30961	48006	2.26%	0.447%
19	22.406	3283	3288	3295	rVB2	47472	77343	3.65%	0.720%
20	23.088	3397	3404	3413	rBV	66975	120741	5.69%	1.123%
21	23.875	3529	3538	3546	rBV2	69146	143472	6.77%	1.335%
22	24.809	3686	3697	3715	rBV2	242908	742429	35.01%	6.907%
23	25.908	3875	3884	3895	rVB4	40275	122500	5.78%	1.140%
24	27.230	4100	4109	4118	rBV5	23235	72636	3.43%	0.676%

Sum of corrected areas: 10748652

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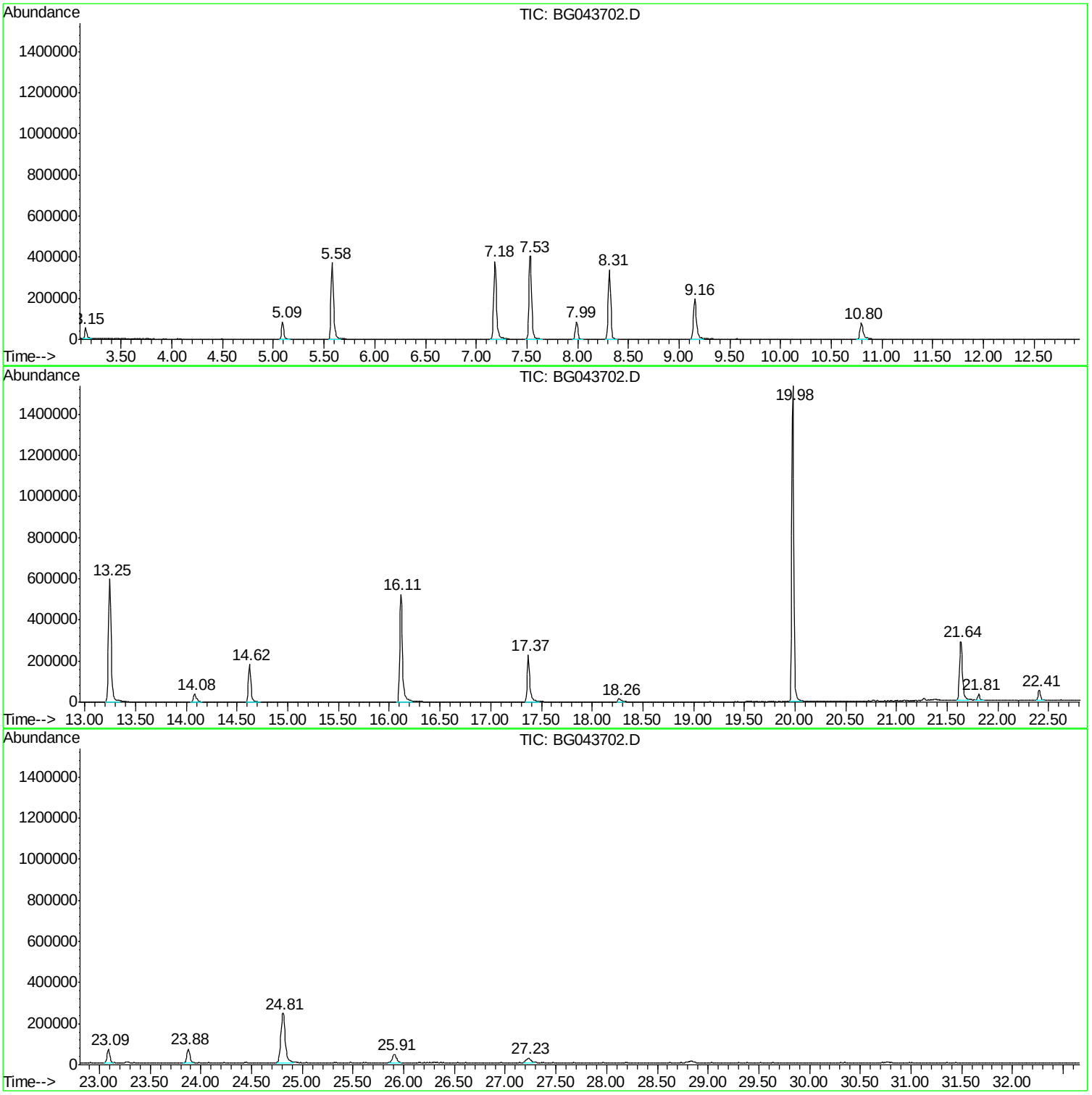
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-(14-16)

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\BG111919\
Data File : BG043702.D
Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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

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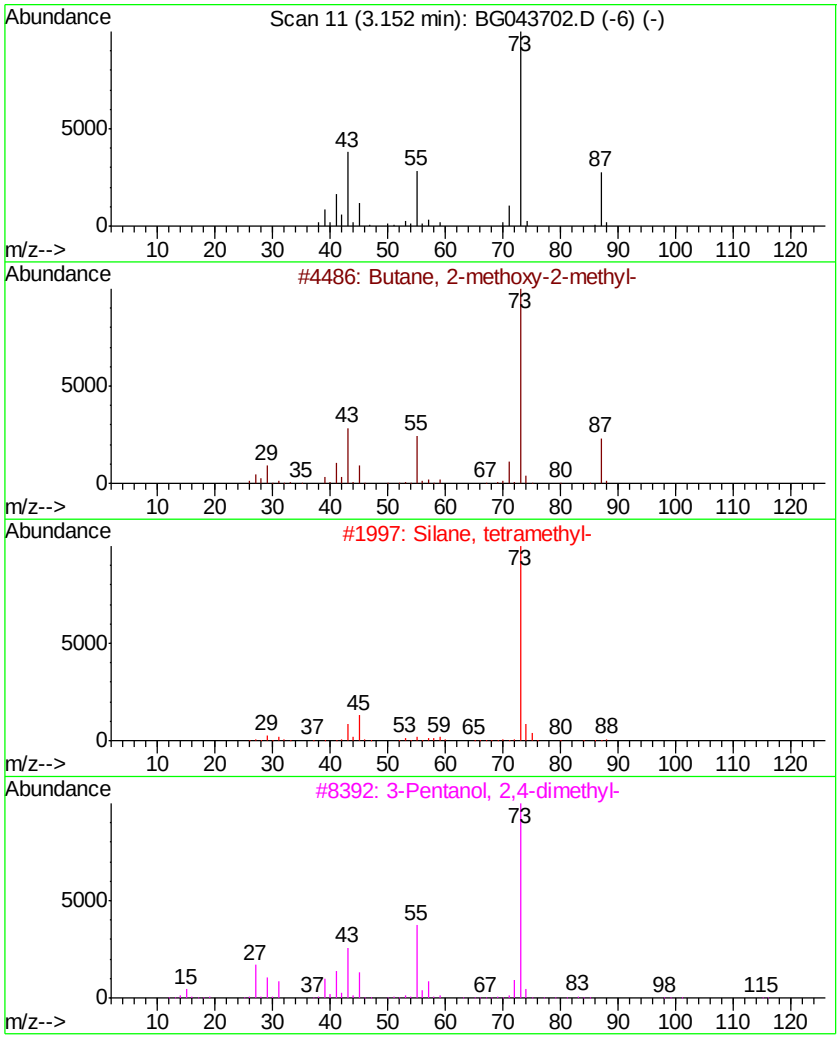
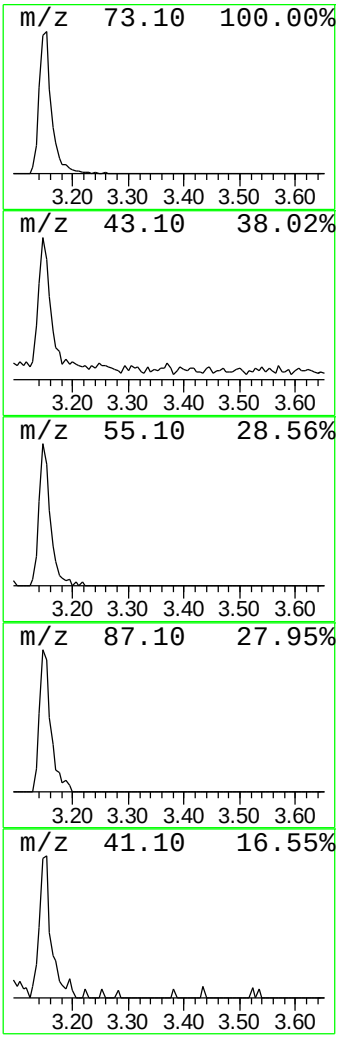
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	10.13 ng	77845	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043702.D
Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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

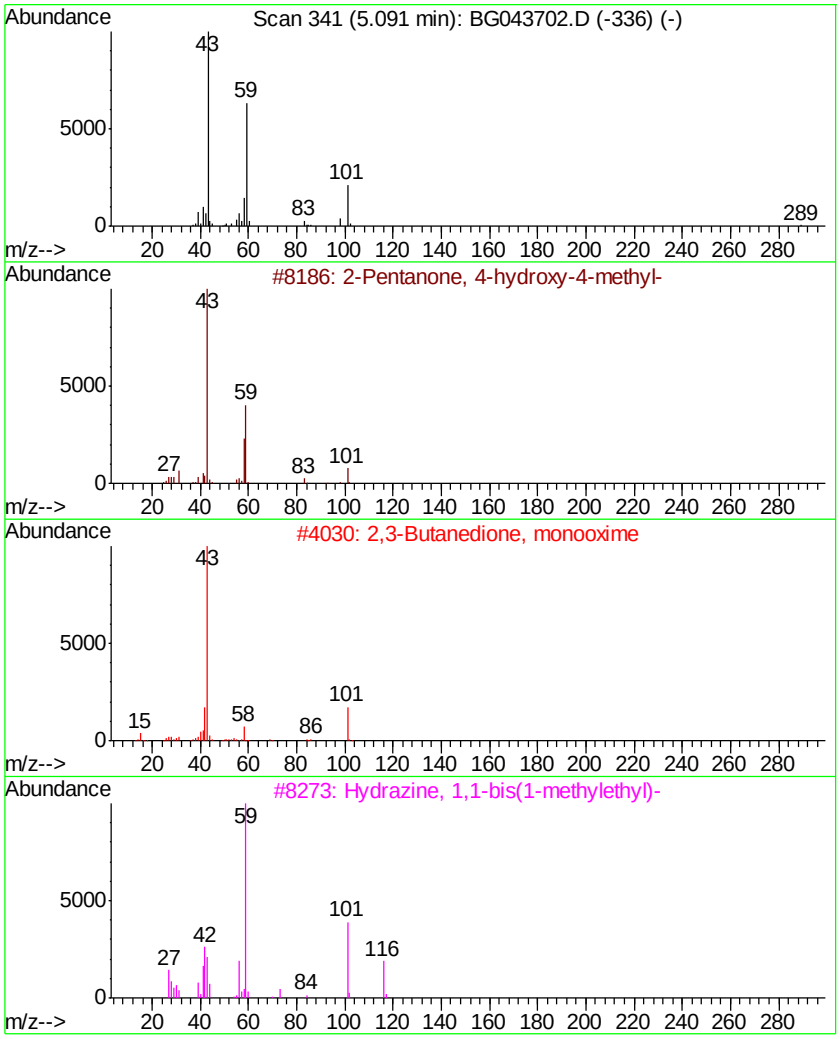
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

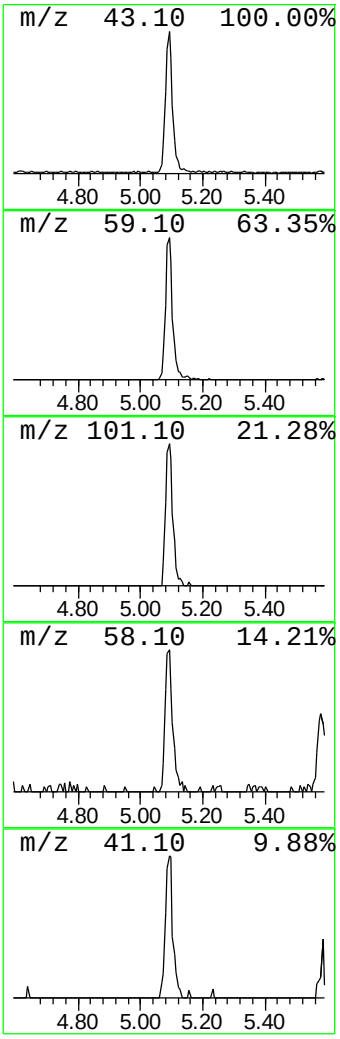
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.09	17.73 ng	136328	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
5	3-Heptadecanol	256	C17H36O	084534-30-5	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043702.D
Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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

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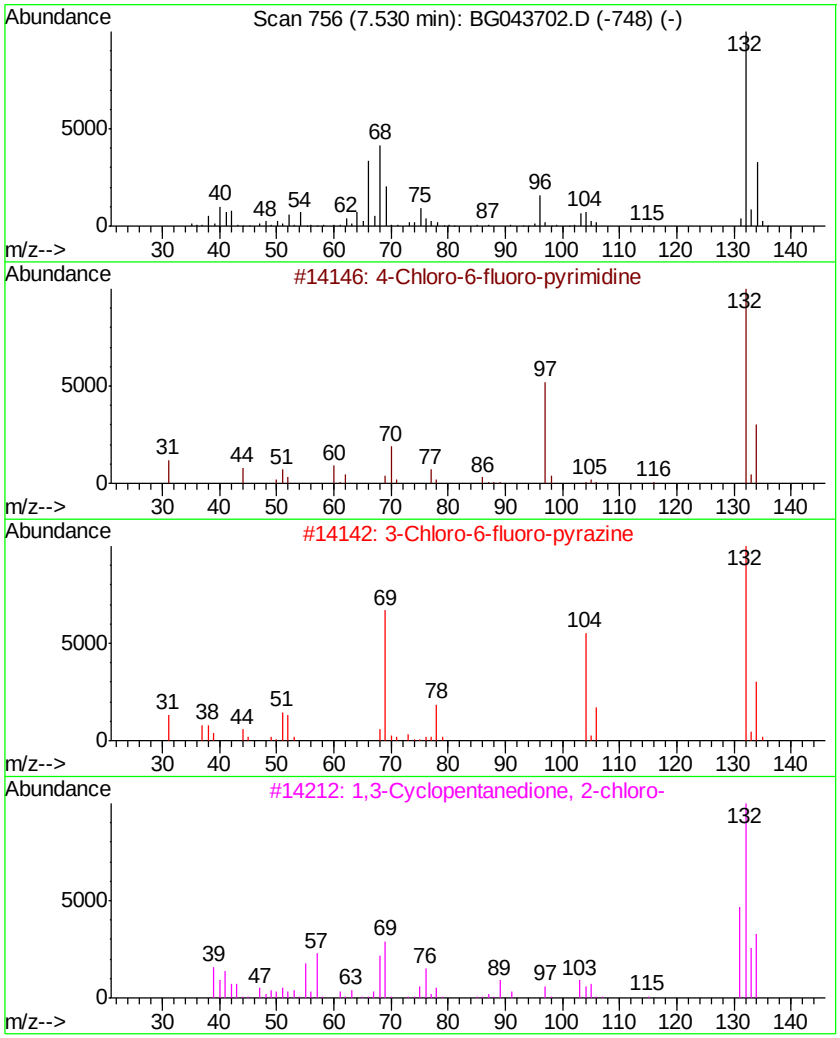
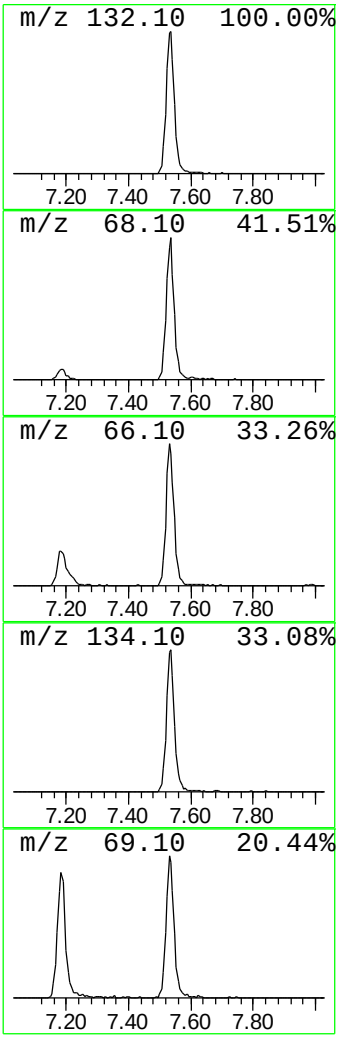
Peak Number 3 unknown7.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.53	98.18 ng	754700	1,4-Dichlorobenzene-d4	7.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
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Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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

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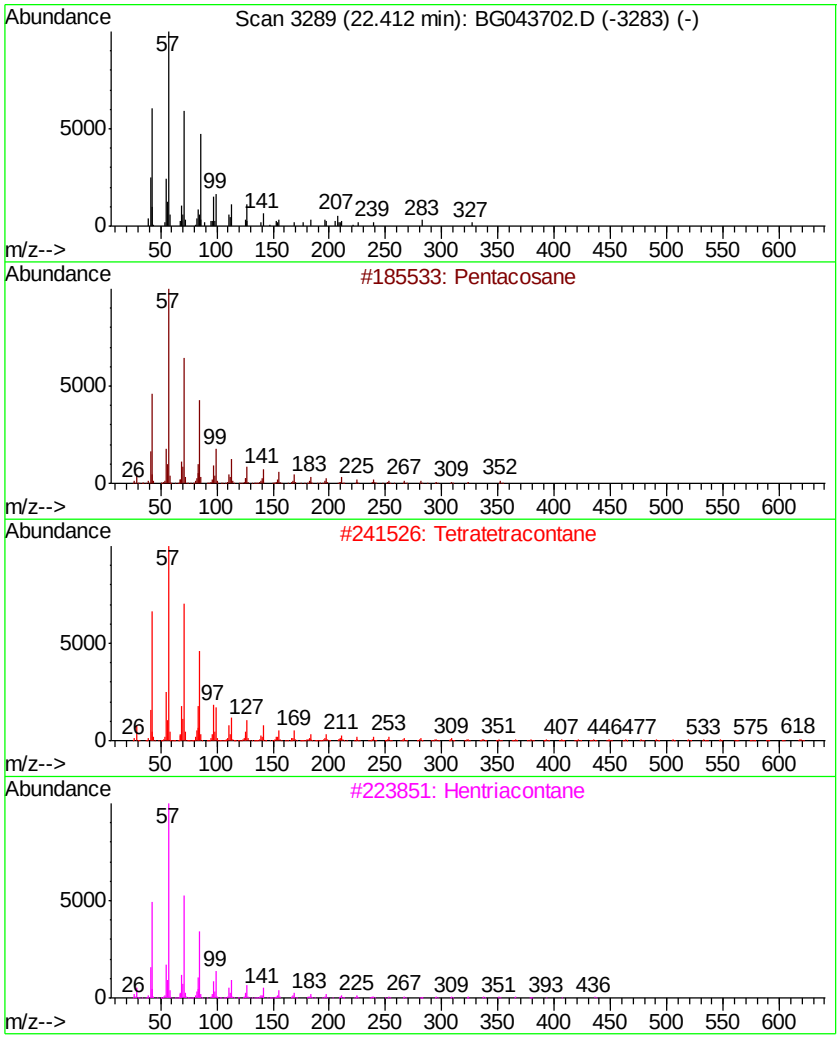
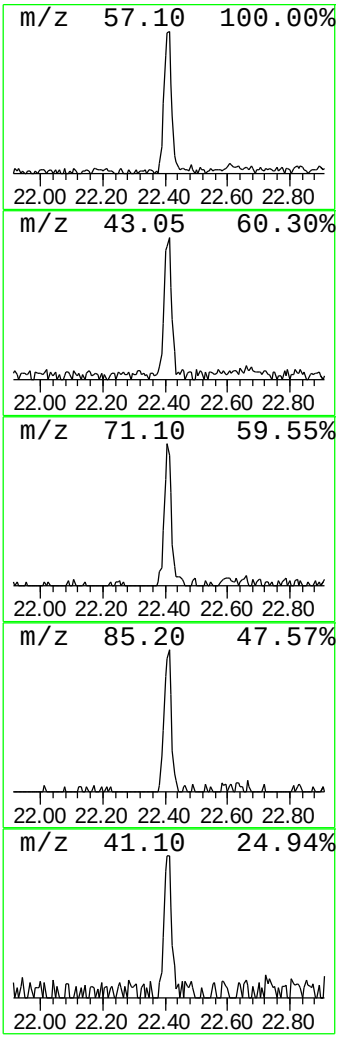
Peak Number 5 Pentacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.41	2.72 ng	77343	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	90
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Hentriacontane	437	C31H64	000630-04-6	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Heptacosane	380	C27H56	000593-49-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
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Operator : JU
Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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

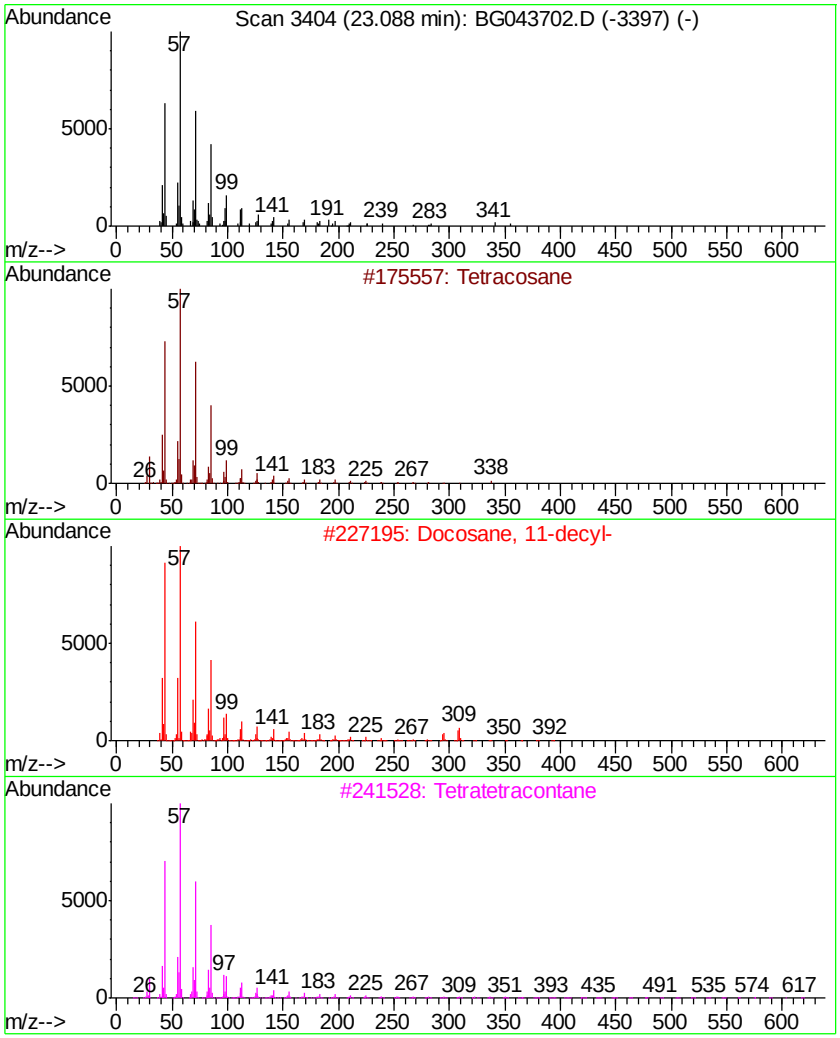
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

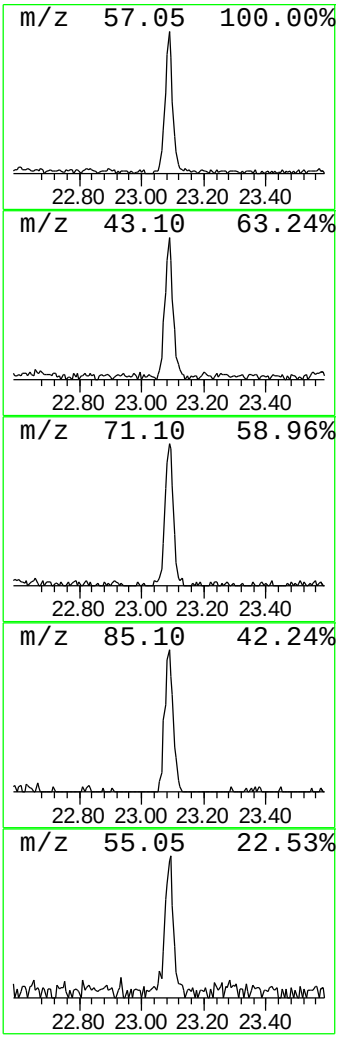
****

Peak Number 6 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.09	4.25 ng	120741	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





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Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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

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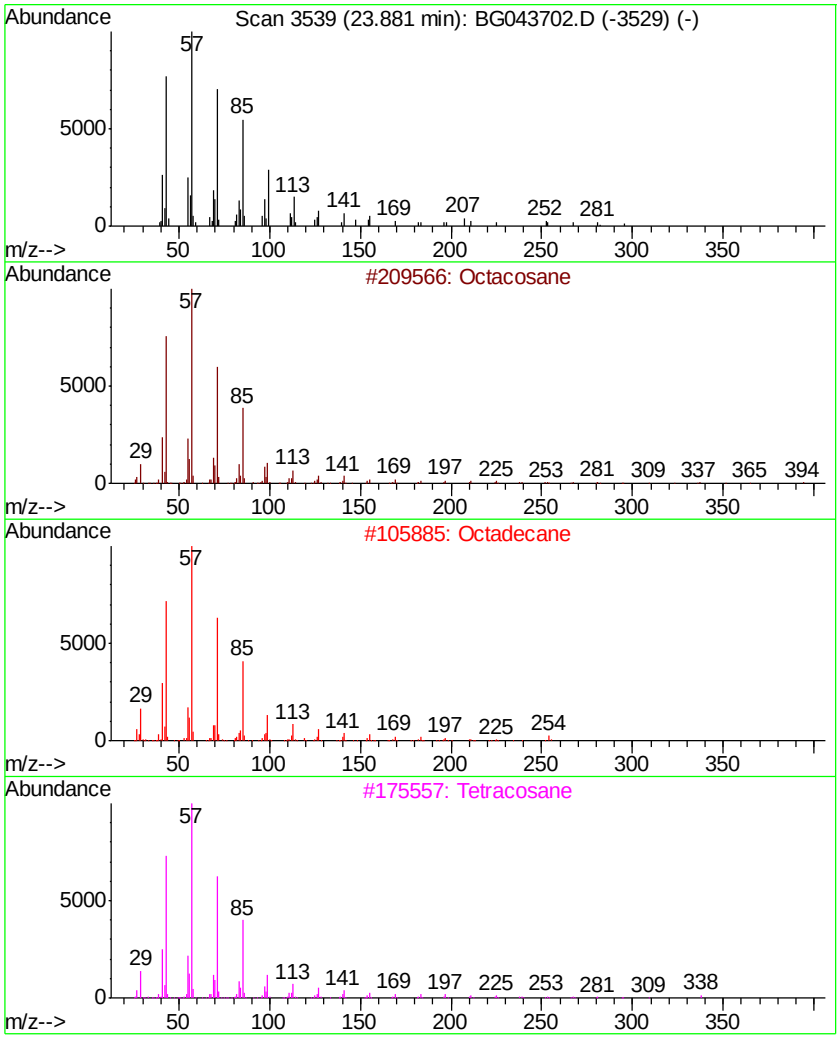
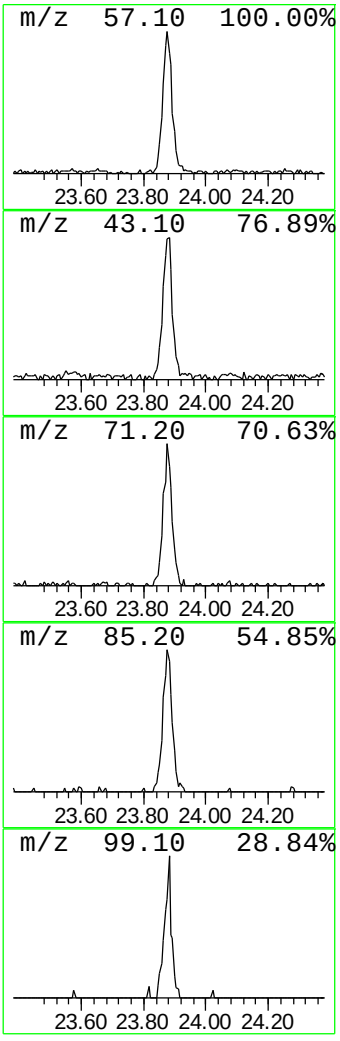
Peak Number 7 Octacosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.88	3.86 ng	143472	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	90
2	Octadecane	254	C18H38	000593-45-3	87
3	Tetracosane	338	C24H50	000646-31-1	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	87





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Sample : K5865-22
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-(14-16)

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

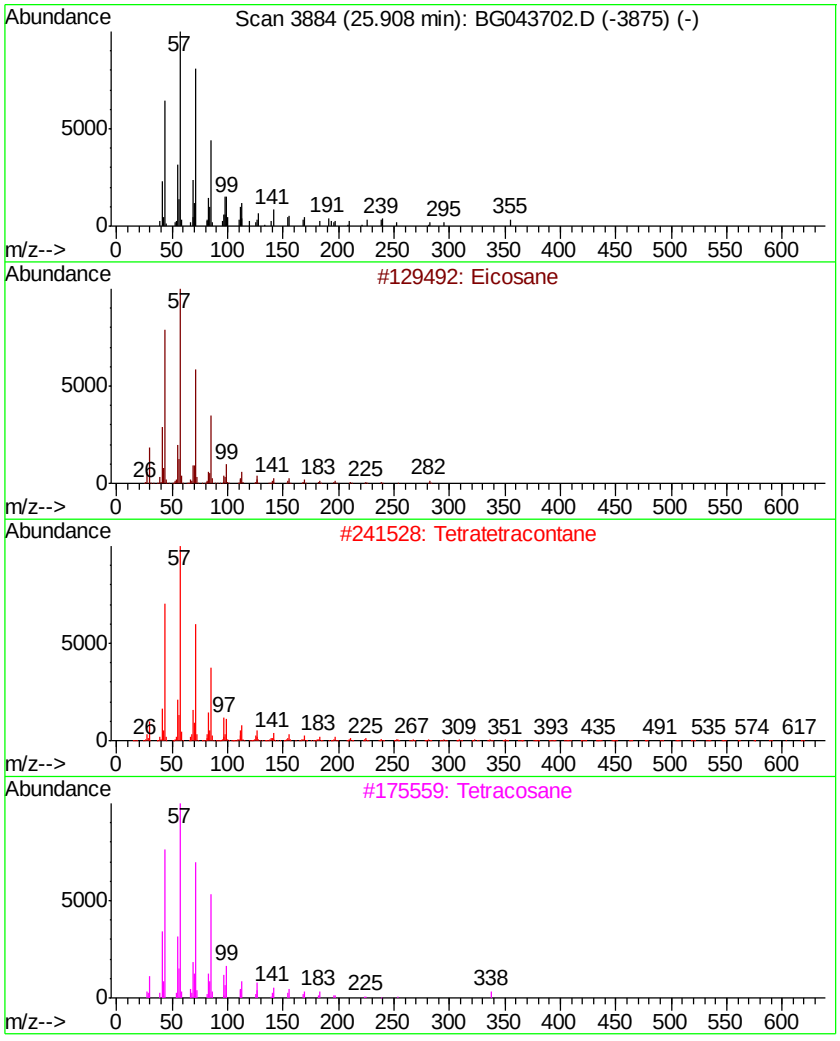
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

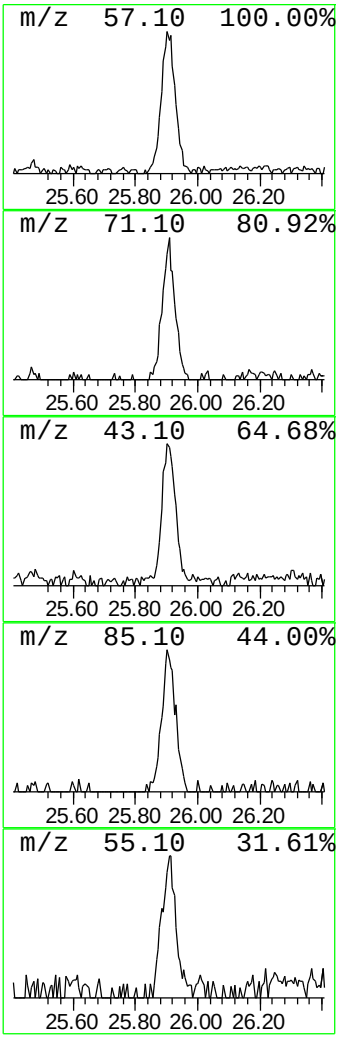
****

Peak Number 8 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	3.30 ng	122500	Perylene-d12	24.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111919\
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Acq On : 19 Nov 2019 17:37
Operator : JU
Sample : K5865-22
Misc :
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Instrument : BNA_G
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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...	3.15	10.1	ng	77845	1	7.99	153744	20.0
2-Pentanone, 4-hy...	5.09	17.7	ng	136328	1	7.99	153744	20.0
unknown7.53	7.53	98.2	ng	754700	1	7.99	153744	20.0
Pentacosane	22.41	2.7	ng	77343	5	21.64	567731	20.0
Tetracosane	23.09	4.3	ng	120741	5	21.64	567731	20.0
Octacosane	23.88	3.9	ng	143472	6	24.81	742429	20.0
Eicosane	25.91	3.3	ng	122500	6	24.81	742429	20.0