LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
Sample : K1817-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-SW012-1-030619

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_M\METHODS\8270-BM031119.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	5.257	364	369	383	rBV	323300	551770	33.56%	4.701%
2	6.840	631	638	655	rBV	314827	605009	36.80%	5.154%
3	7.192	692	698	710	rBV	349197	616362	37.49%	5.251%
4	7.663	772	778	787	rVB	134454	224395	13.65%	1.912%
5	7.975	825	831	842	rBV	264042	443800	27.00%	3.781%
6	8.834	971	977	989	rBV	144755	317804	19.33%	2.707%
7	10.451	1245	1252	1267	rBV	150864	306520	18.65%	2.611%
8	12.927	1667	1673	1687	rBV	471783	779497	47.42%	6.641%
9	13.792	1815	1820	1827	rBV	26183	44549	2.71%	0.380%
10	14.221	1885	1893	1899	rBV5	7142	19329	1.18%	0.165%
11	14.316	1903	1909	1923	rVB2	261849	439259	26.72%	3.742%
12	15.815	2158	2164	2185	rBV	426309	712267	43.33%	6.068%
13	17.074	2371	2378	2389	rBV2	340687	584808	35.57%	4.982%
14	17.956	2523	2528	2545	rBV	174475	385550	23.45%	3.285%
15	19.250	2742	2748	2770	rBV	272009	714508	43.46%	6.087%
16	19.703	2820	2825	2837	rBV	1254065	1643926	100.00%	14.005%
17	20.968	3036	3040	3048	rBV	237044	320825	19.52%	2.733%
18	21.268	3086	3091	3100	rBV	693951	1001358	60.91%	8.531%
19	21.403	3112	3114	3118	rBV3	46684	59730	3.63%	0.509%
20	21.833	3184	3187	3190	rBV2	109038	154755	9.41%	1.318%
21	22.297	3263	3266	3271	rVB	152101	184890	11.25%	1.575%
22	22.797	3348	3351	3356	rVB	175190	224467	13.65%	1.912%
23	23.362	3443	3447	3454	rVB	169719	255513	15.54%	2.177%
24	23.509	3466	3472	3486	rVB	549128	1147556	69.81%	9.776%

Sum of corrected areas: 11738447

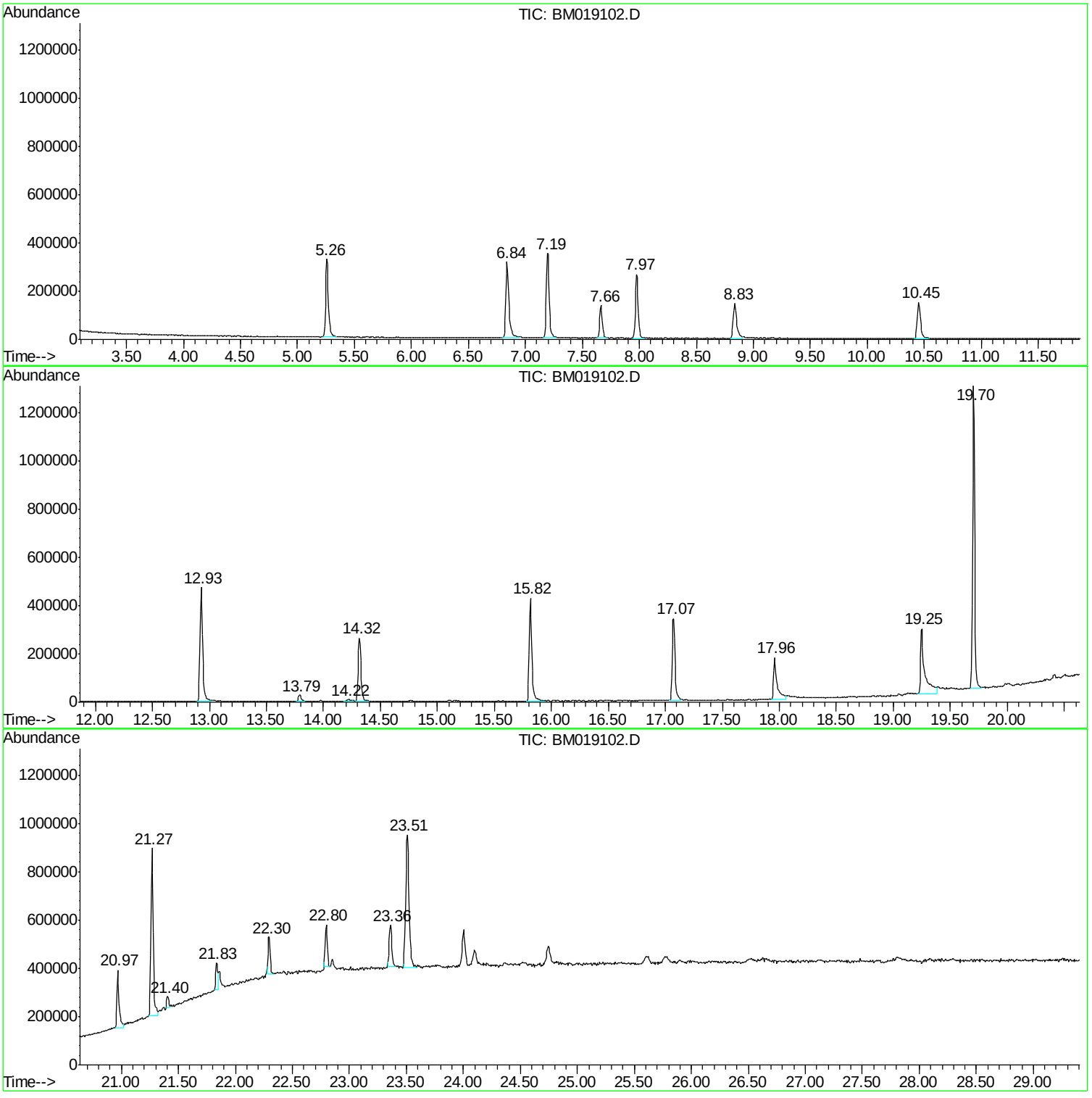
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
Sample : K1817-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
Sample : K1817-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

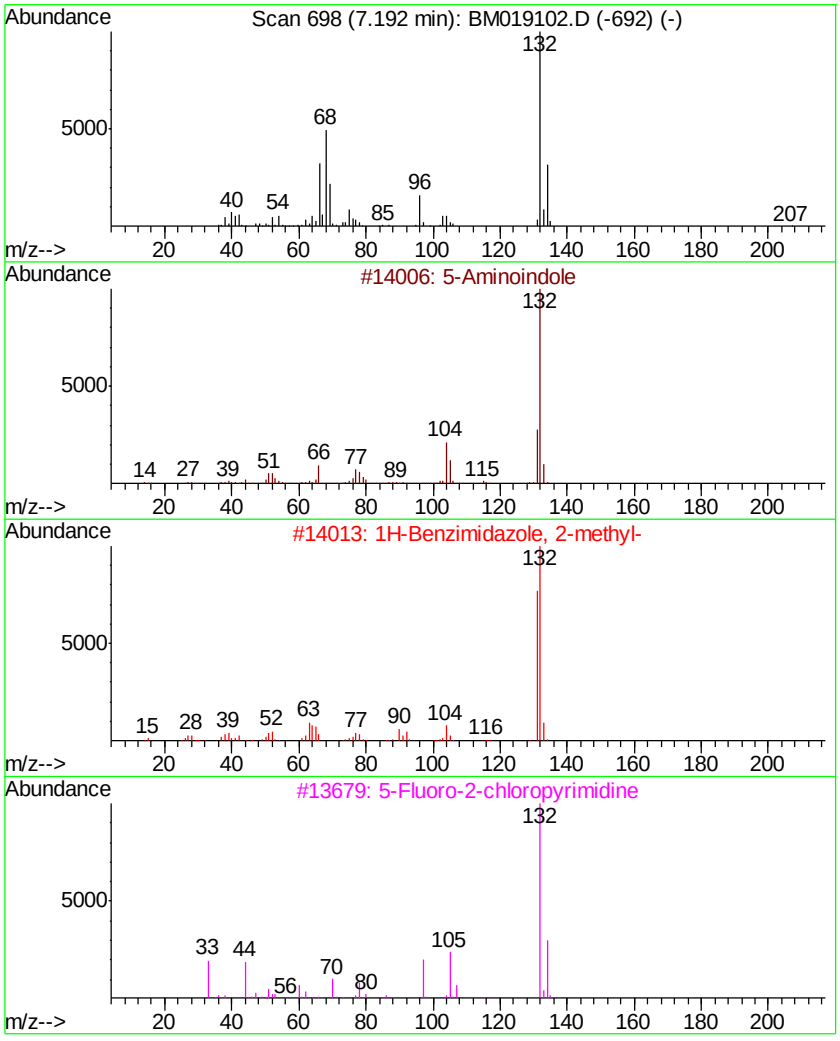
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

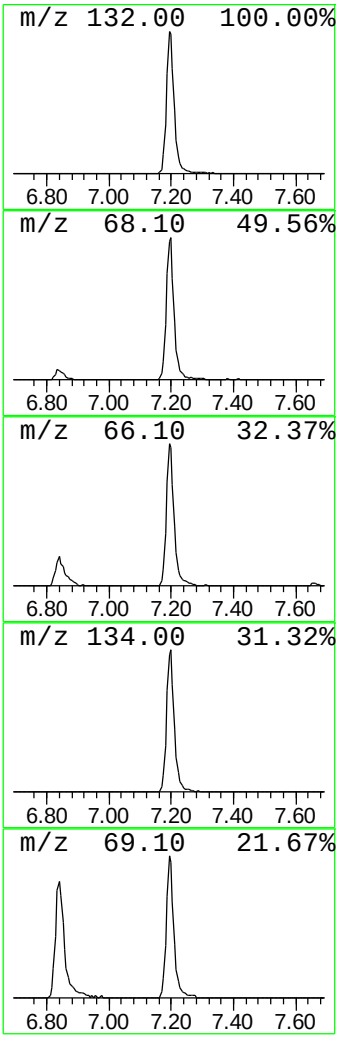
****

Peak Number 1 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	54.94 ng	616362	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	4-Methyl-N-(1,2,3,4-tetrahydro-i...	316	C17H20N2O2S	1000274-62-9	10
5	Amphetaminil	250	C17H18N2	017590-01-1	10





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
Sample : K1817-17
Misc :
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Instrument : BNA_M
ClientSampleId : PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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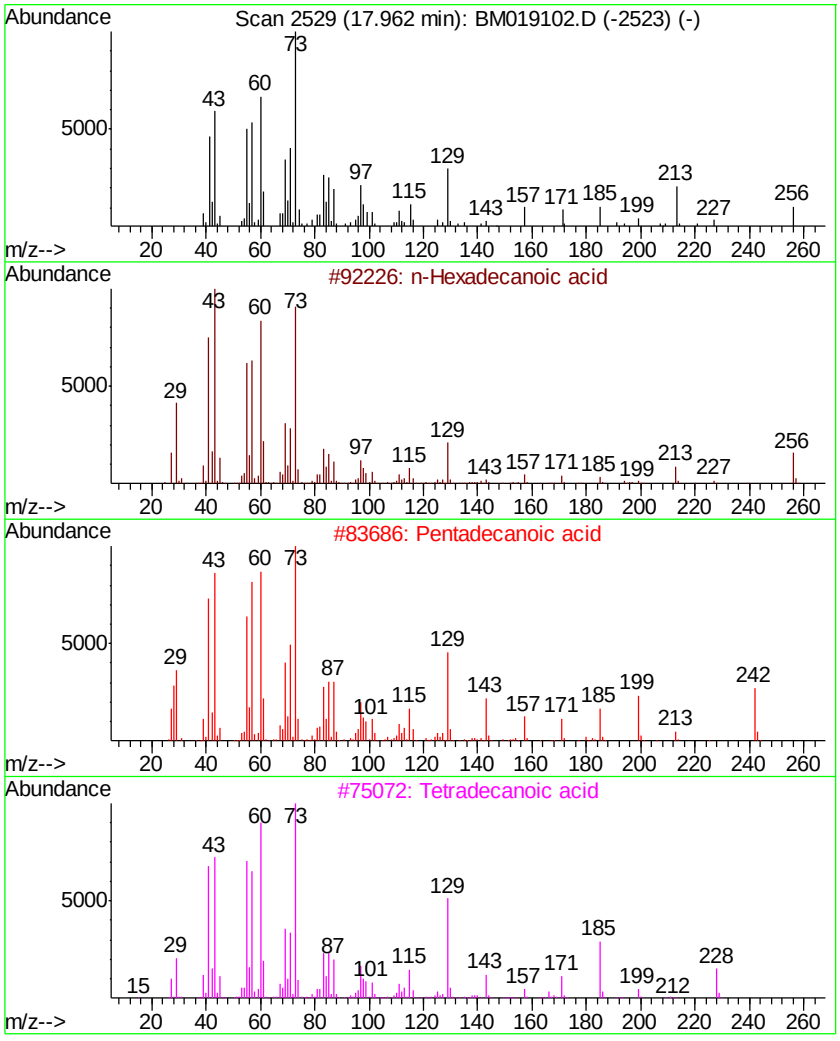
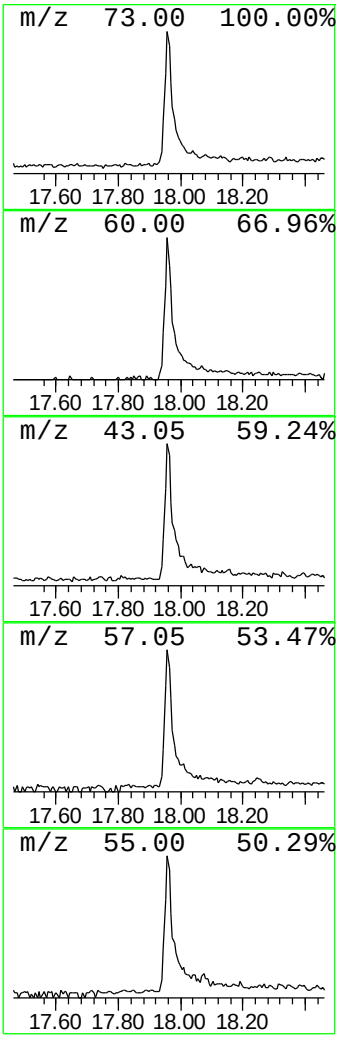
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	13.19 ng	385550	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Undecane	156	C11H24	001120-21-4	11
5	Tetradecane	198	C14H30	000629-59-4	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
Sample : K1817-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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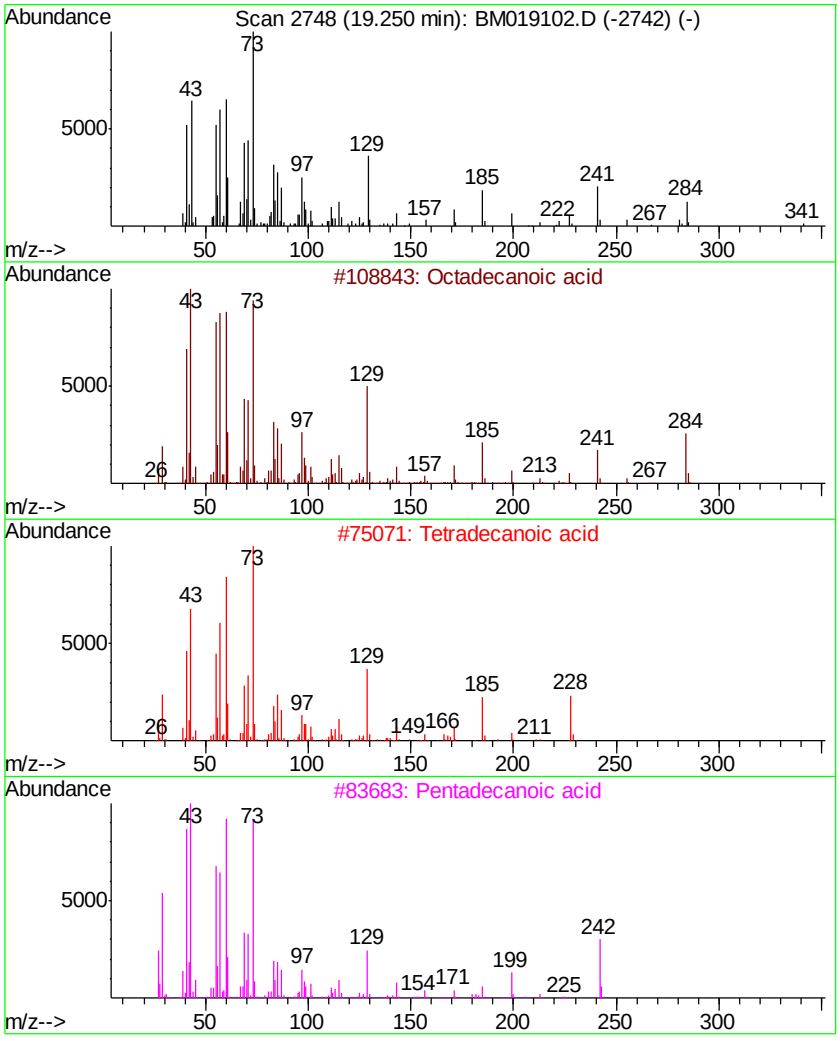
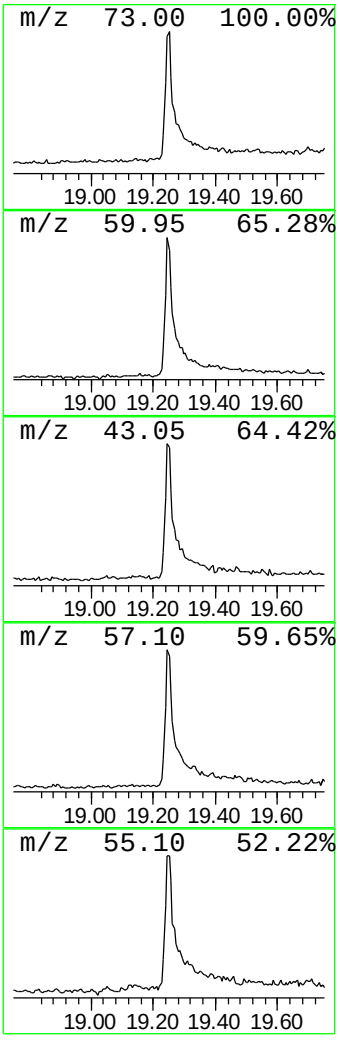
Peak Number 4 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	14.27 ng	714508	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	30
5	Tridecane	184	C13H28	000629-50-5	11





Library Search Compound Report

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Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
Sample : K1817-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

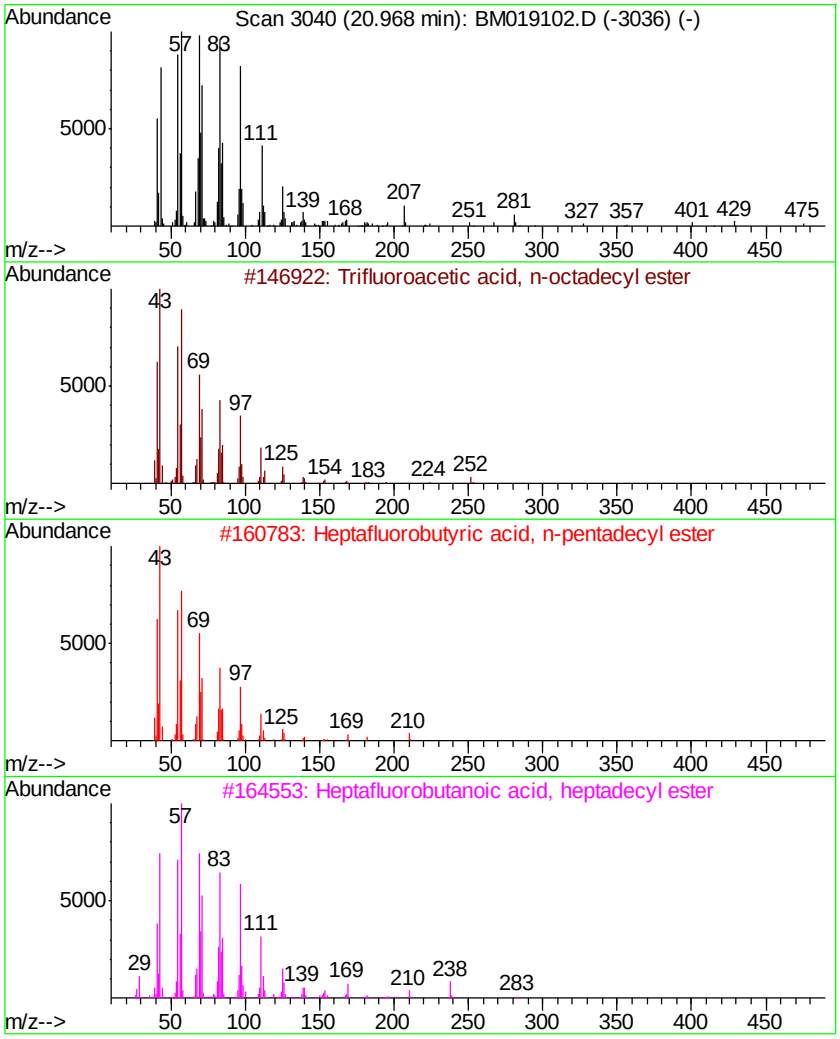
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

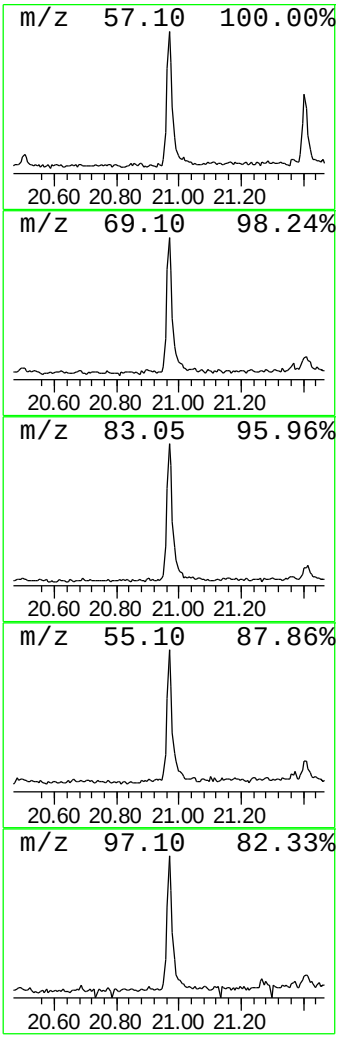
****

Peak Number 5 Trifluoroacetic acid, n-oct... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	6.41 ng	320825	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
2	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
Sample : K1817-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

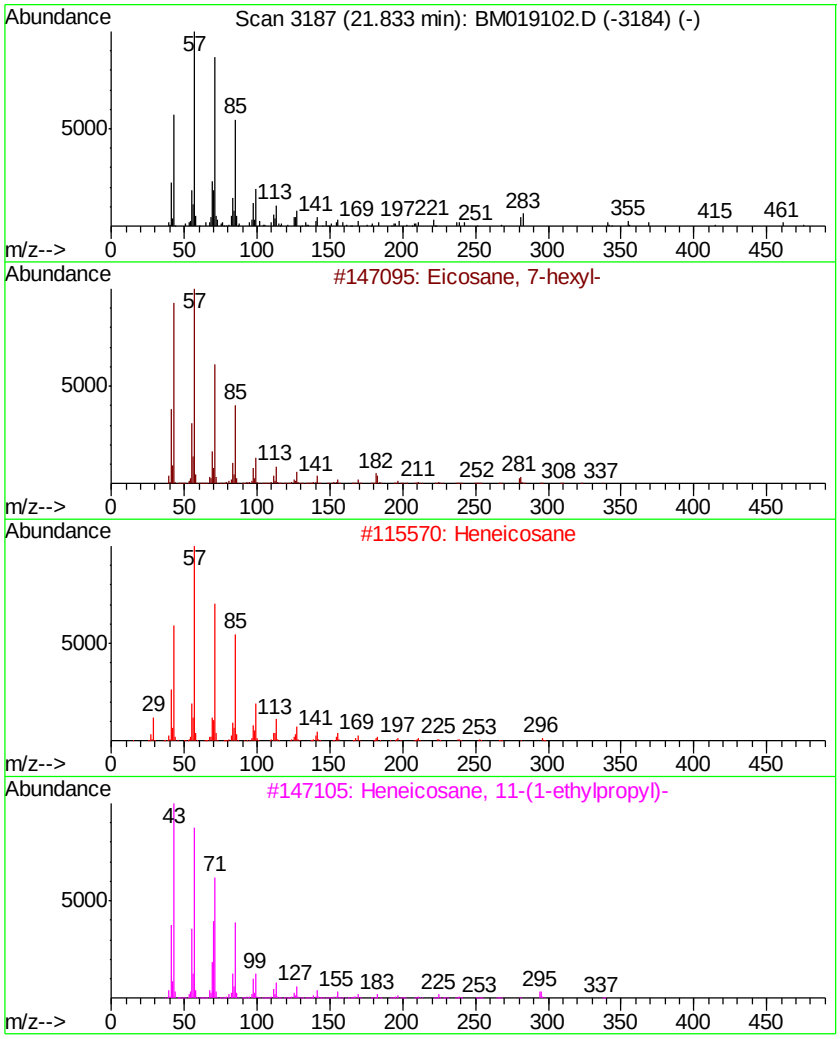
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

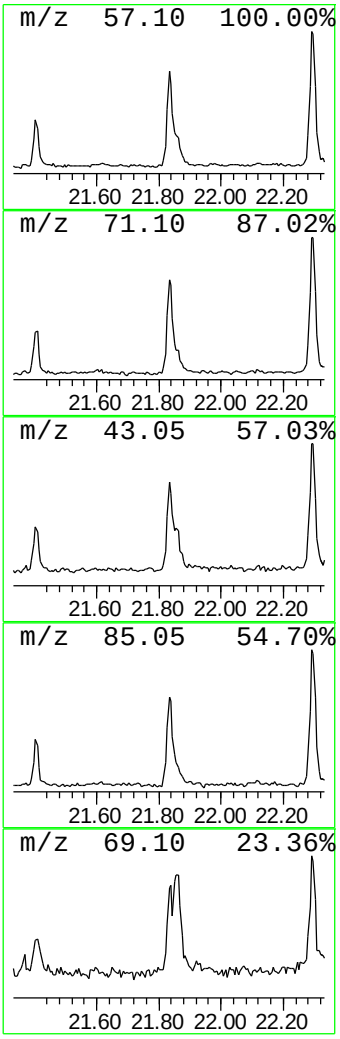
****

Peak Number 6 Eicosane, 7-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.83	3.09 ng	154755	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : K1817-17
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

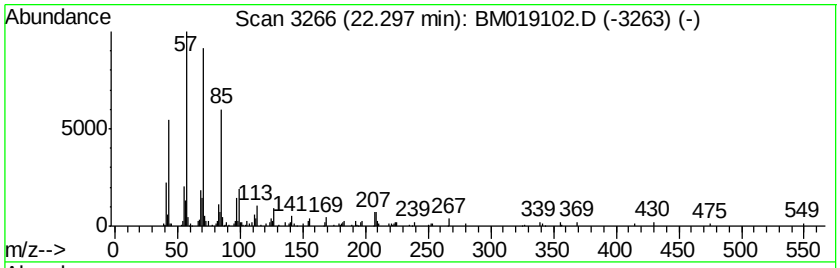
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

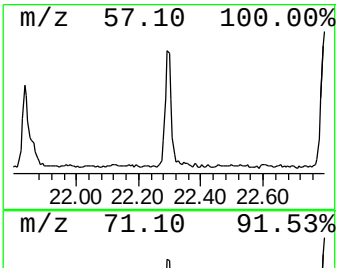
****

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.30	3.69 ng	184890	Chrysene-d12	21.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	Octadecane	254	C18H38	000593-45-3	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Docosane	310	C22H46	000629-97-0	87





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Operator : JU/SJ
Sample : K1817-17
Misc :
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Instrument : BNA_M
ClientSampleId : PST-028-SW012-1-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

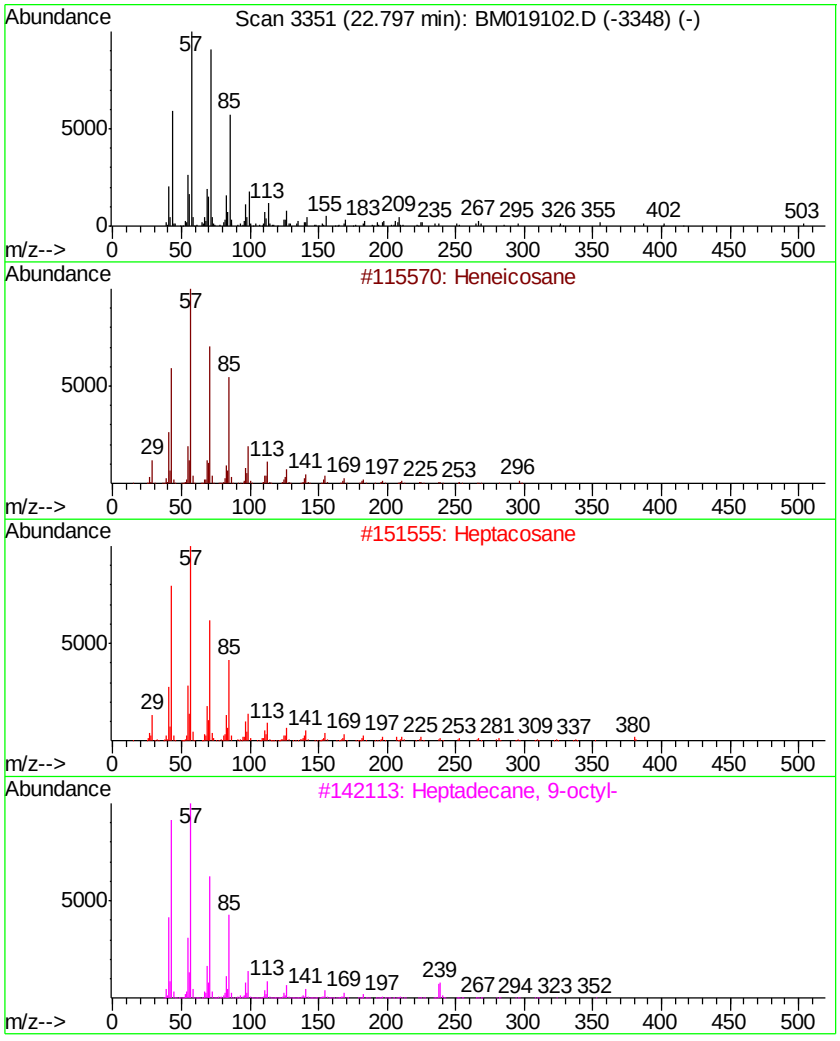
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

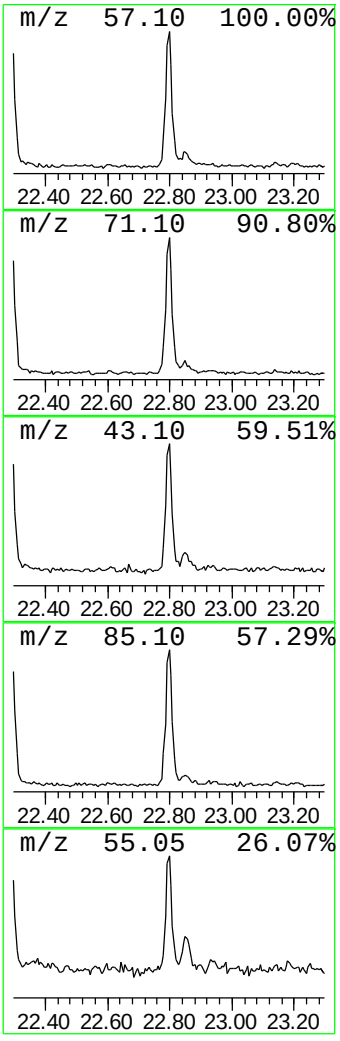
****

Peak Number 8 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.80	3.91 ng	224467	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Nonacosane	408	C29H60	000630-03-5	91
5	Triacontane	422	C30H62	000638-68-6	91





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TIC Library : C:\DATABASE\NIST02.L
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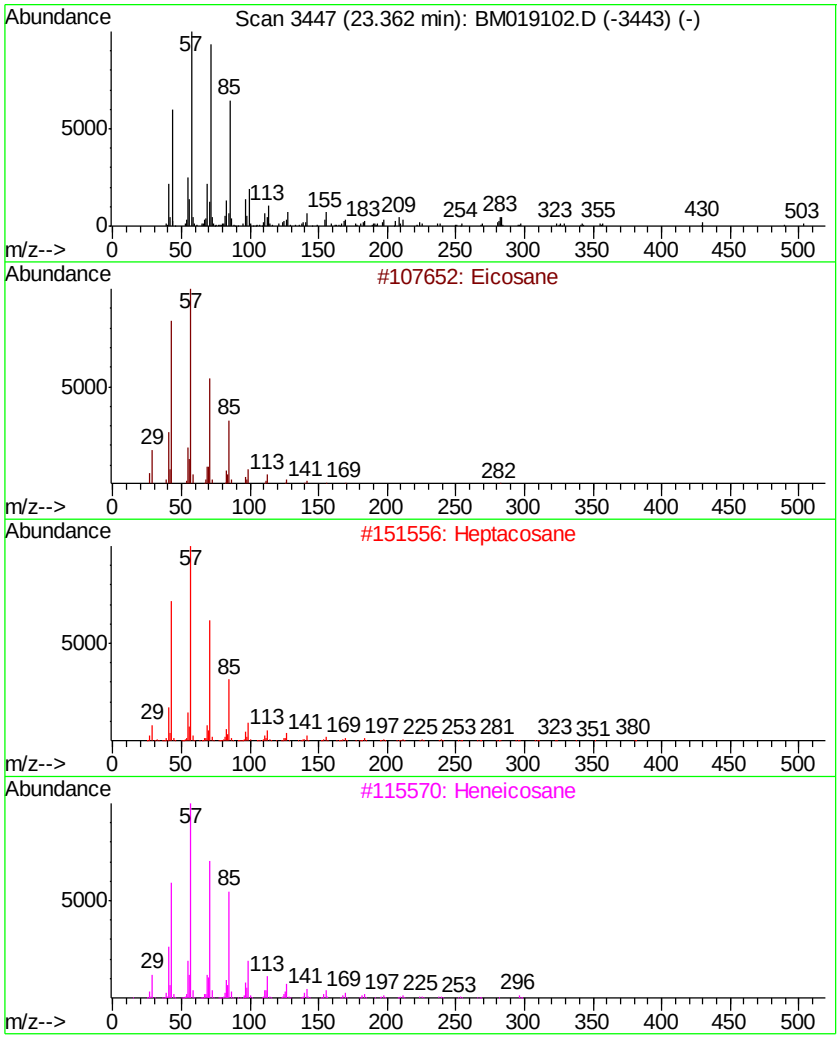
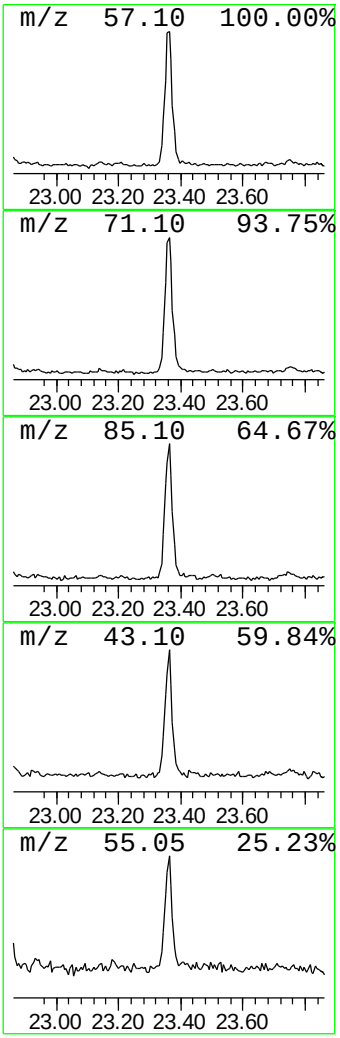
Peak Number 9 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	4.45 ng	255513	Perylene-d12	23.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heptacosane	380	C27H56	000593-49-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031119\
Data File : BM019102.D
Acq On : 11 Mar 2019 20:37
Operator : JU/SJ
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.19	7.19	54.9	ng	616362	1	7.66	224395	20.0
n-Hexadecanoic acid	17.96	13.2	ng	385550	4	17.07	584808	20.0
Octadecanoic acid	19.25	14.3	ng	714508	5	21.27	1001360	20.0
Trifluoroacetic a...	20.97	6.4	ng	320825	5	21.27	1001360	20.0
Eicosane, 7-hexyl-	21.83	3.1	ng	154755	5	21.27	1001360	20.0
Heneicosane	22.30	3.7	ng	184890	5	21.27	1001360	20.0
Heptacosane	22.80	3.9	ng	224467	6	23.51	1147560	20.0
Eicosane	23.36	4.5	ng	255513	6	23.51	1147560	20.0