LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

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-BM021119.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	5.281	366	373	389	rBV	4949247	7185606	45.24%	7.860%
2	6.863	634	642	660	rBV	5157174	8233029	51.83%	9.006%
3	7.216	695	702	717	rBV	5265383	8193590	51.59%	8.962%
4	7.681	774	781	789	rBV	947361	1496917	9.42%	1.637%
5	7.998	827	835	845	rBV	3501672	5491273	34.57%	6.007%
6	8.851	972	980	1000	rBV	2868294	4766889	30.01%	5.214%
7	10.469	1248	1255	1271	rBV	1188916	2090803	13.16%	2.287%
8	12.951	1669	1677	1693	rBV	7466197	11014788	69.35%	12.048%
9	13.798	1813	1821	1836	rBV	315899	511349	3.22%	0.559%
10	14.333	1905	1912	1928	rBV2	1933985	2896657	18.24%	3.168%
11	15.833	2160	2167	2187	rBV	6439632	9162827	57.69%	10.023%
12	17.086	2374	2380	2392	rBV	2357151	3440430	21.66%	3.763%
13	17.974	2526	2531	2542	rBV	418316	646617	4.07%	0.707%
14	19.262	2745	2750	2763	rBV	134127	244306	1.54%	0.267%
15	19.721	2822	2828	2838	rBV	12700009	15883465	100.00%	17.374%
16	20.515	2960	2963	2967	rBV	169639	190995	1.20%	0.209%
17	20.980	3038	3042	3054	rBV	554572	758425	4.77%	0.830%
18	21.286	3089	3094	3103	rVB	2883874	3544946	22.32%	3.878%
19	21.421	3113	3117	3121	rBV	342503	365693	2.30%	0.400%
20	21.850	3187	3190	3196	rBV2	430840	632944	3.98%	0.692%
21	22.315	3265	3269	3275	rVB	452077	553179	3.48%	0.605%
22	22.821	3351	3355	3361	rVB	391120	538509	3.39%	0.589%
23	23.386	3447	3451	3457	rVB	329043	509156	3.21%	0.557%
24	23.533	3470	3476	3486	rVB	1668028	3068551	19.32%	3.357%

Sum of corrected areas: 91420944

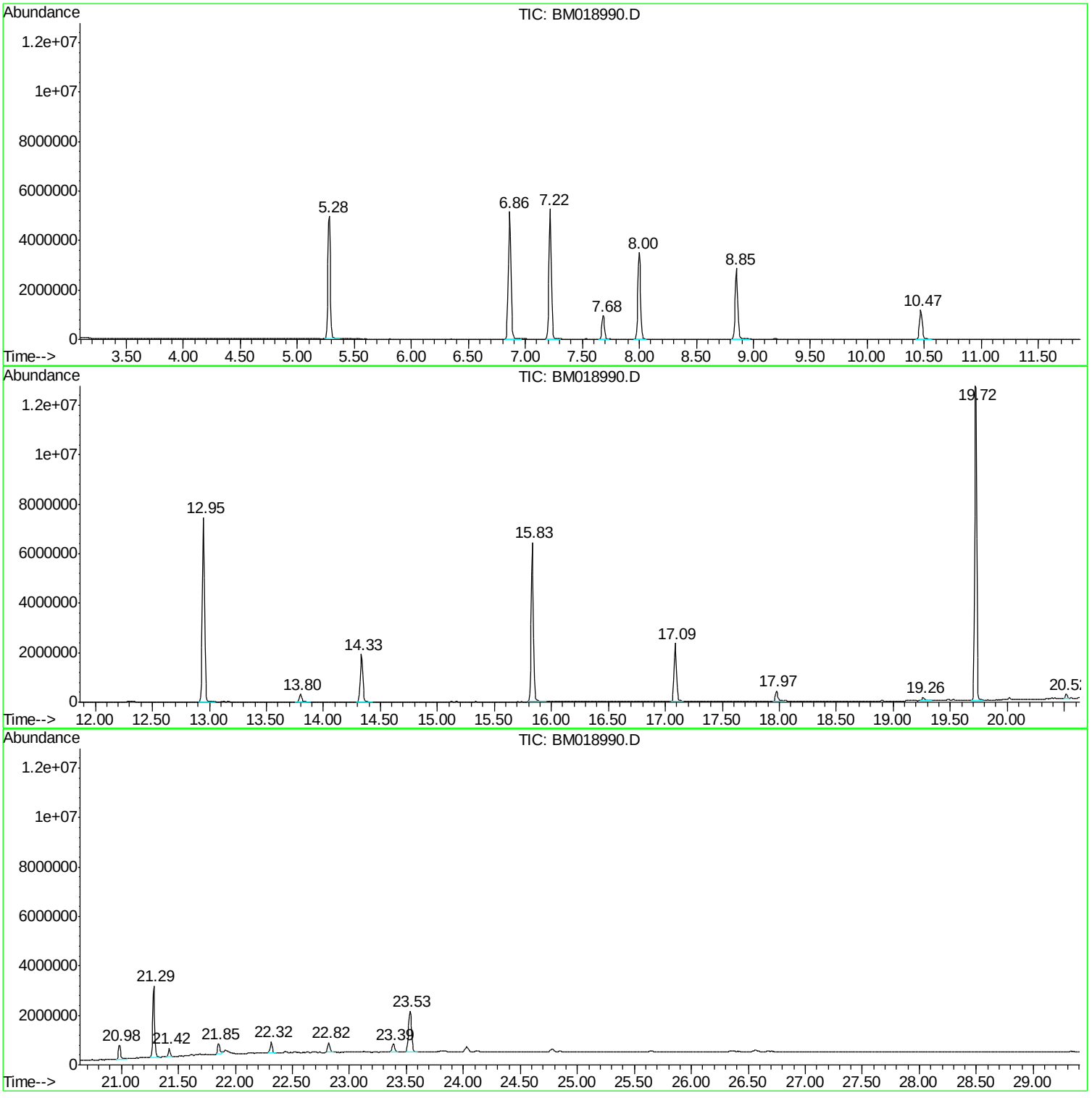
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.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\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

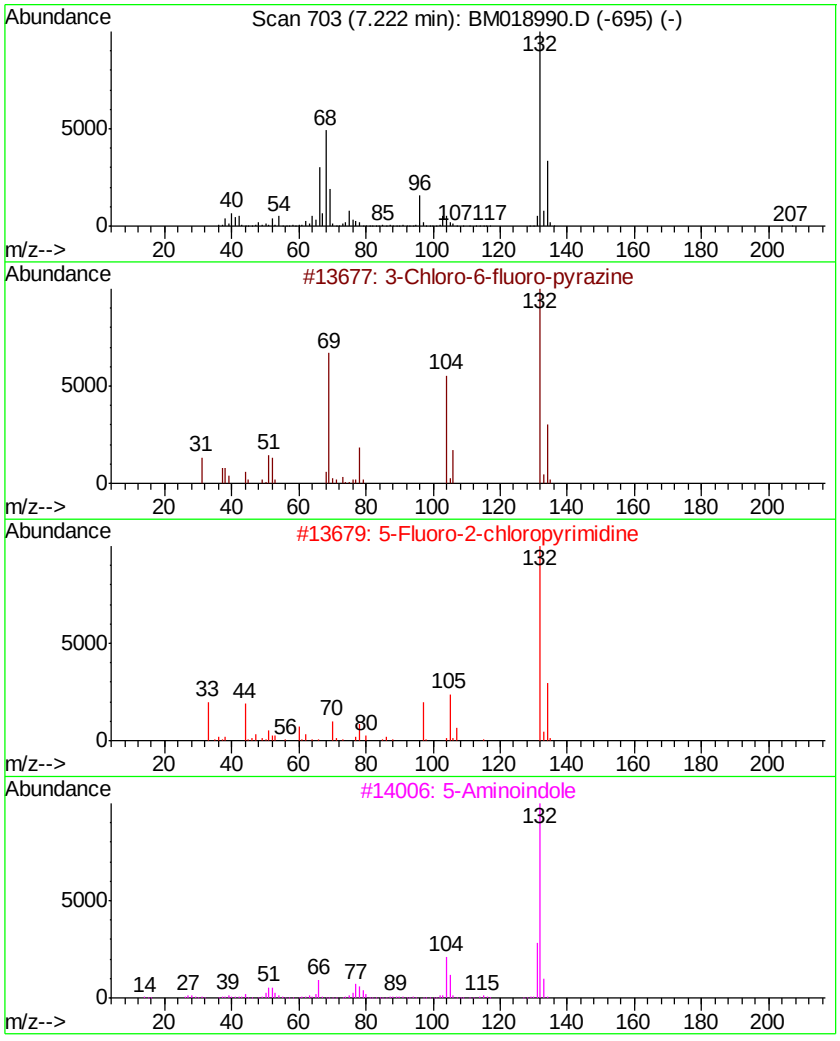
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

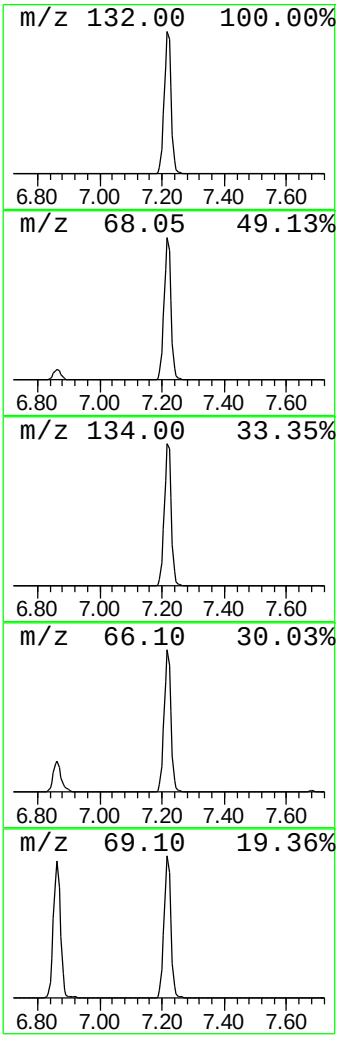
****

Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	109.47 ng	8193590	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	Bicyclo[3.1.0]hexan-3-one	96	C6H8O	001755-04-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

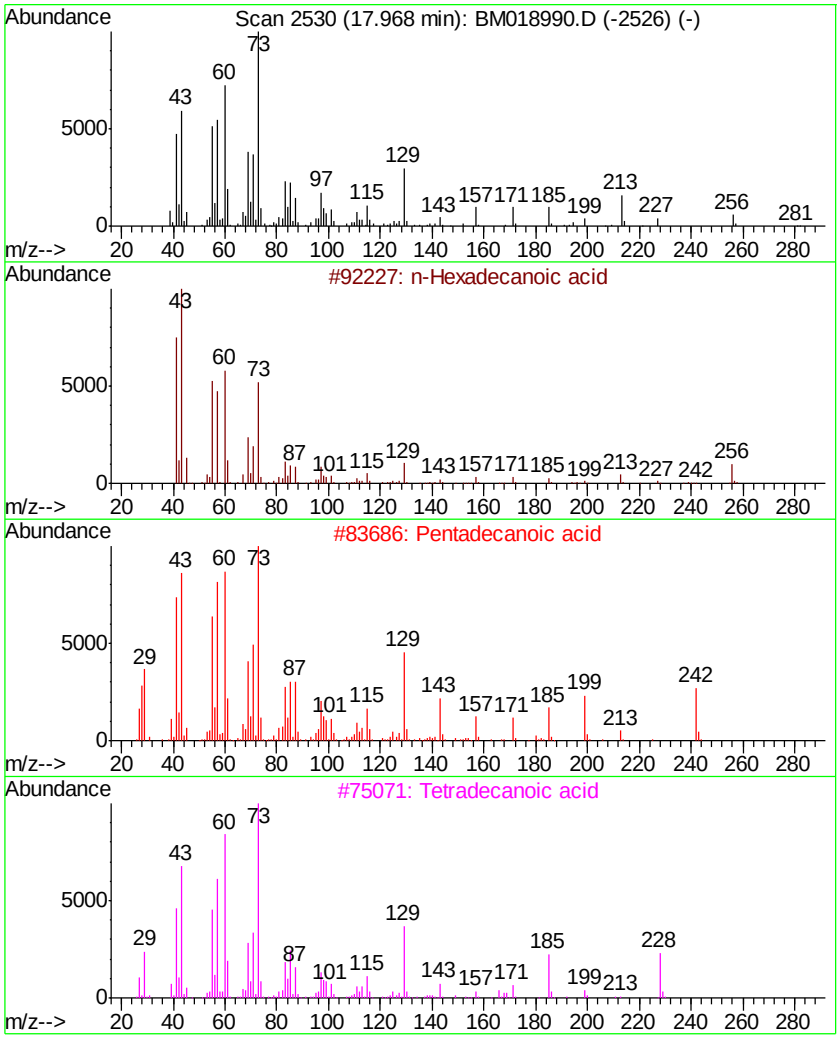
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

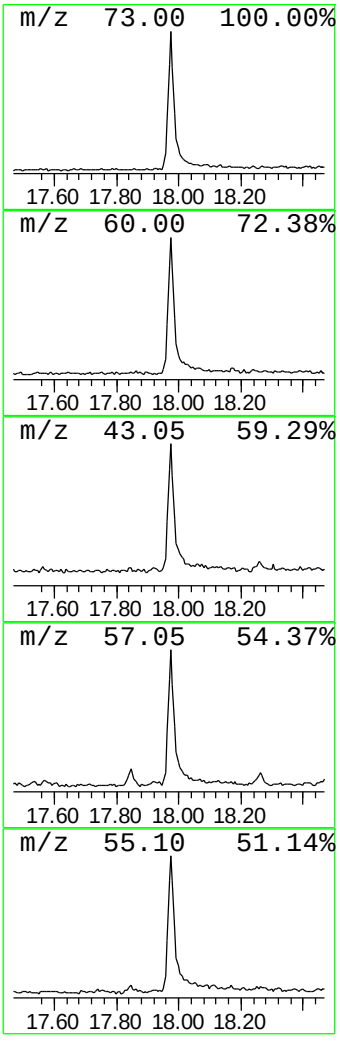
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	3.76 ng	646617	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

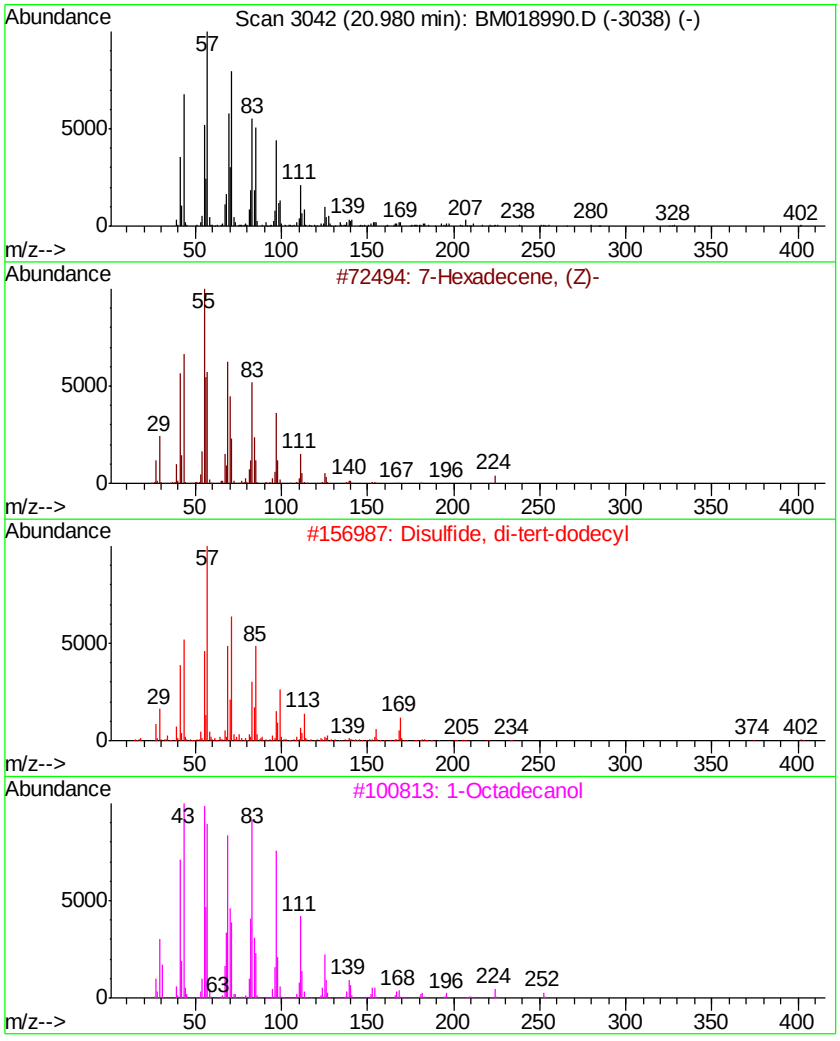
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

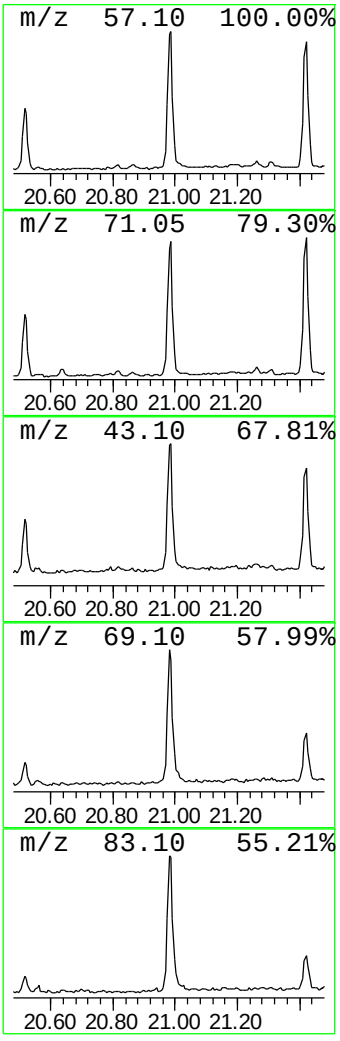
****

Peak Number 4 7-Hexadecene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.28 ng	758425	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	90
2	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	70
3	1-Octadecanol	270	C18H38O	000112-92-5	60
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	58
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

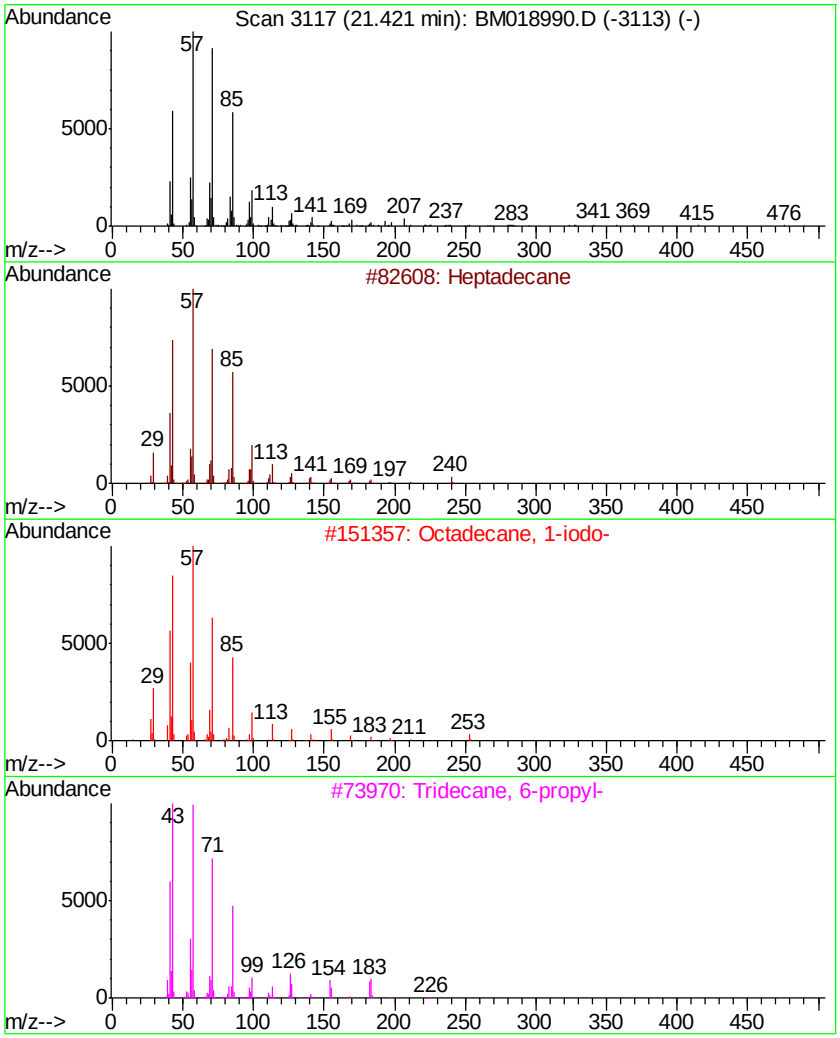
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

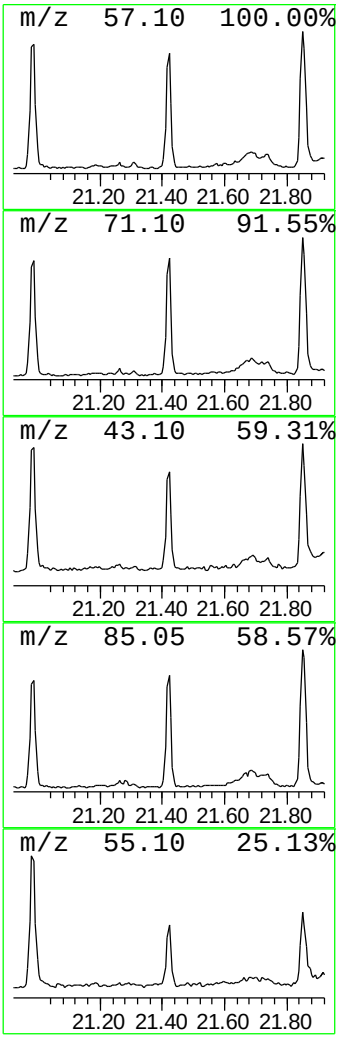
****

Peak Number 5 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.06 ng	365693	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

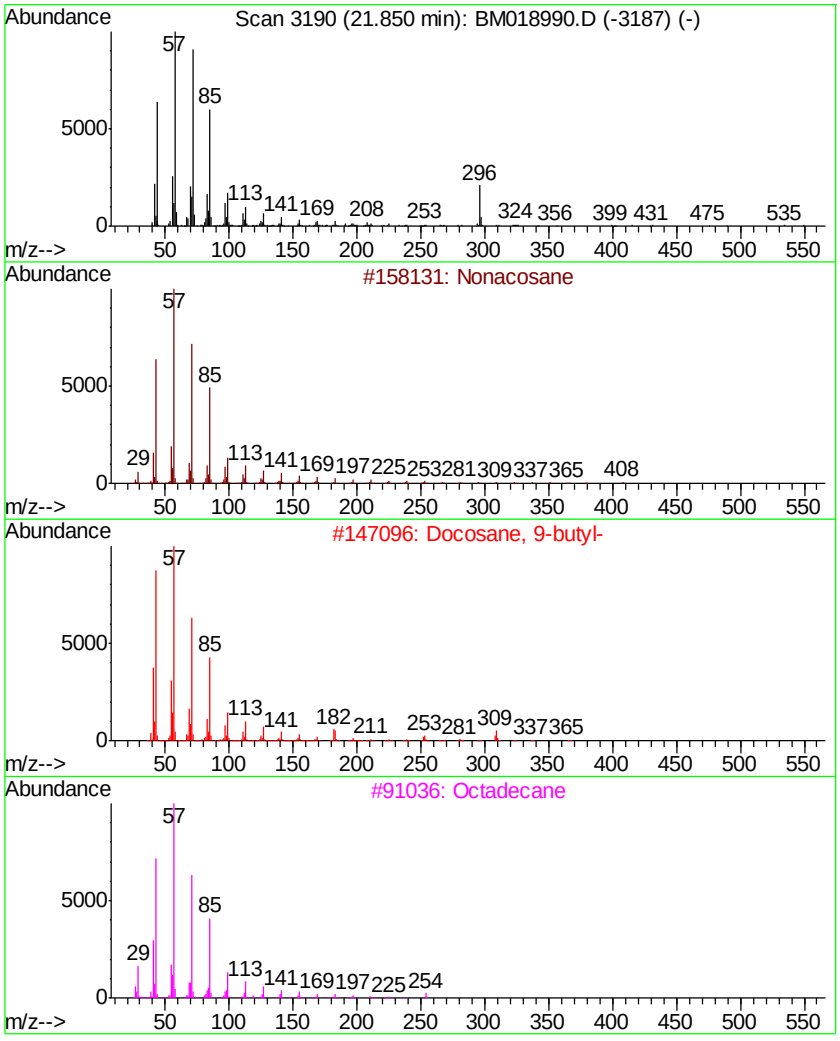
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

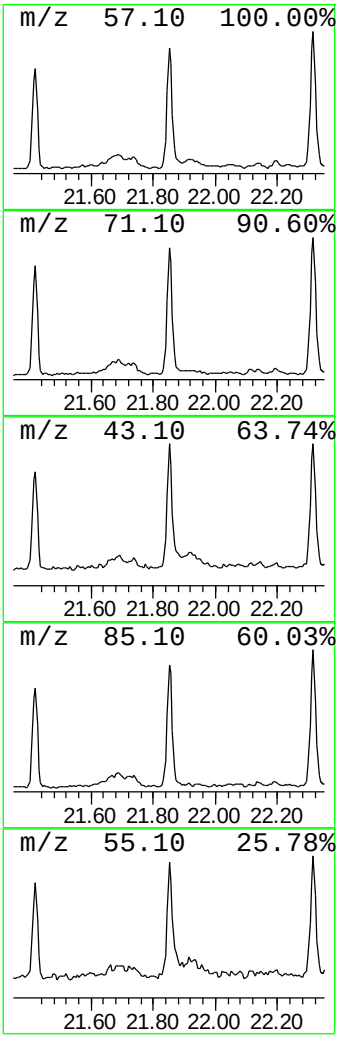
****

Peak Number 6 Nonacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	3.57 ng	632944	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	80
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	80
3	Octadecane	254	C18H38	000593-45-3	74
4	Tetradecane	198	C14H30	000629-59-4	74
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

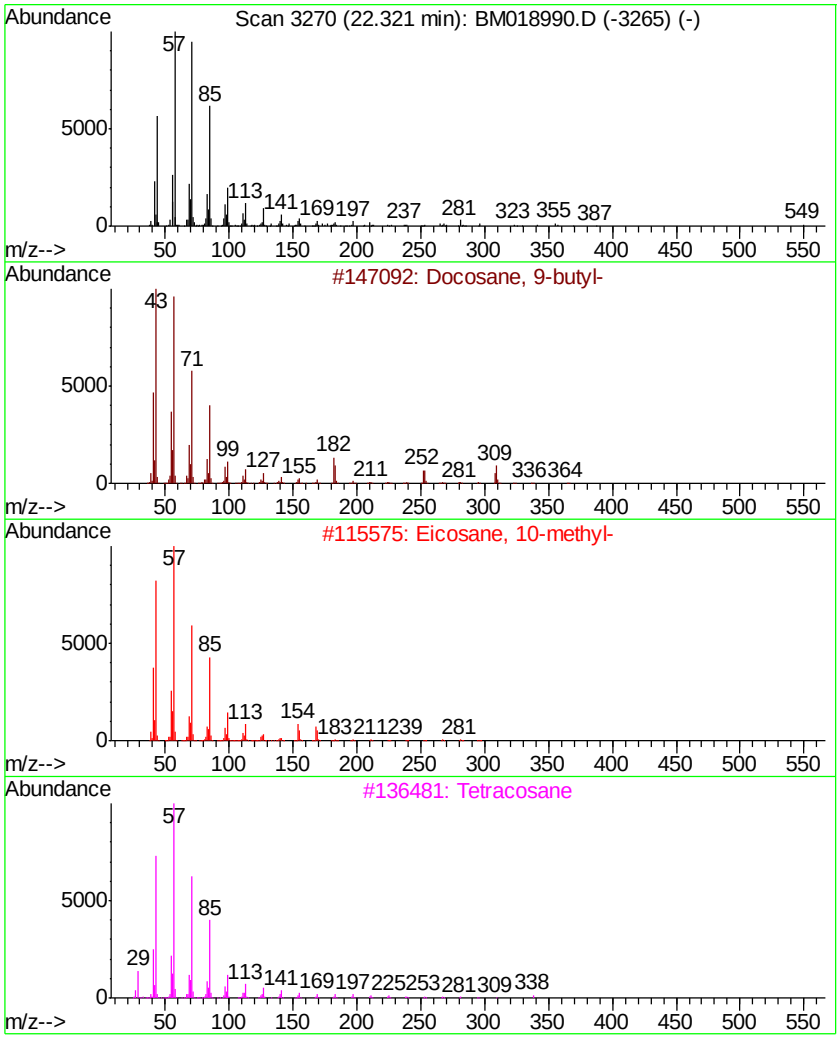
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

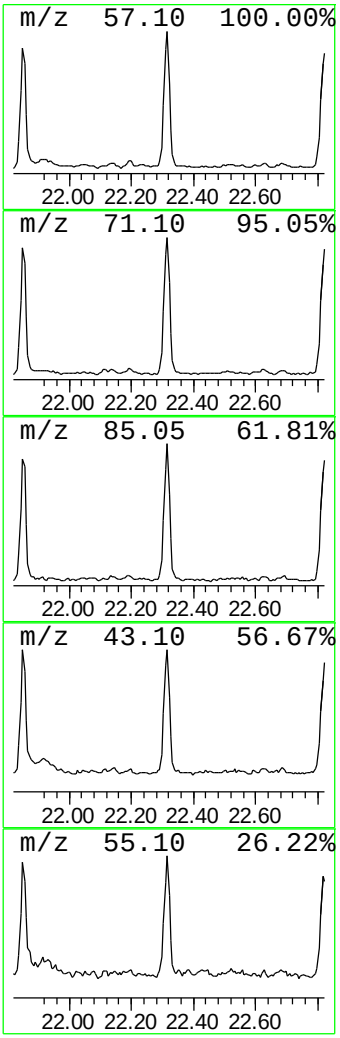
****

Peak Number 7 Docosane, 9-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	3.12 ng	553179	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

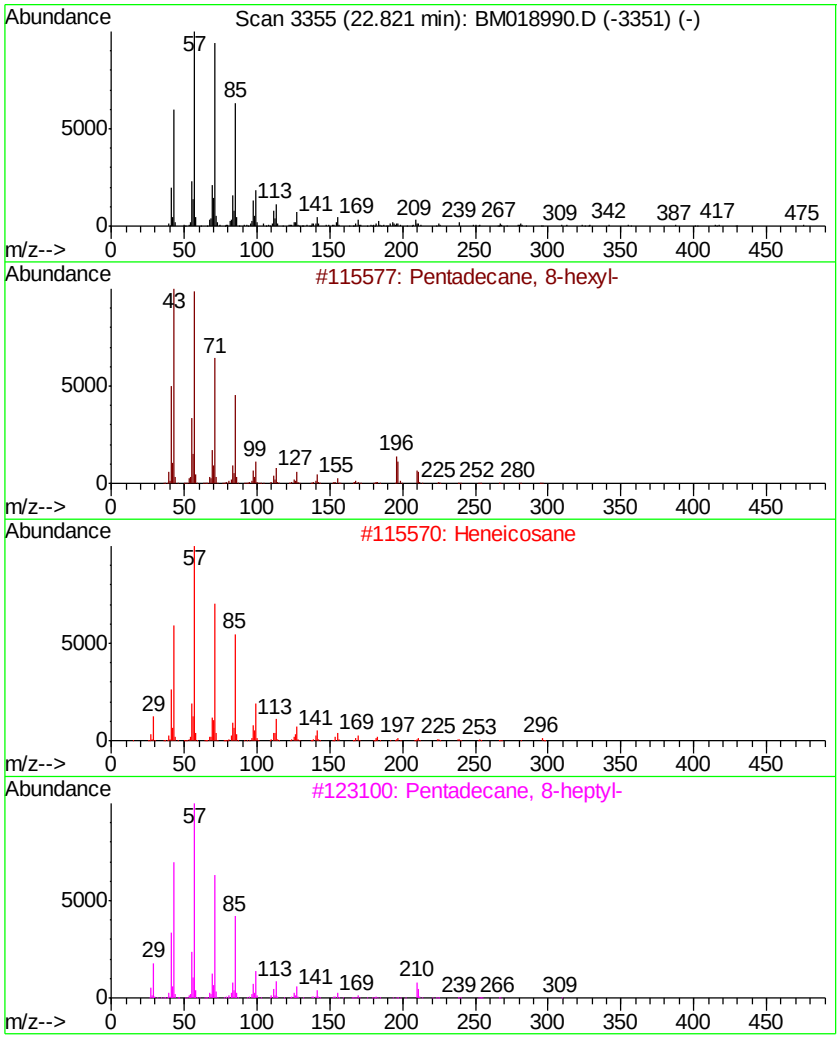
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

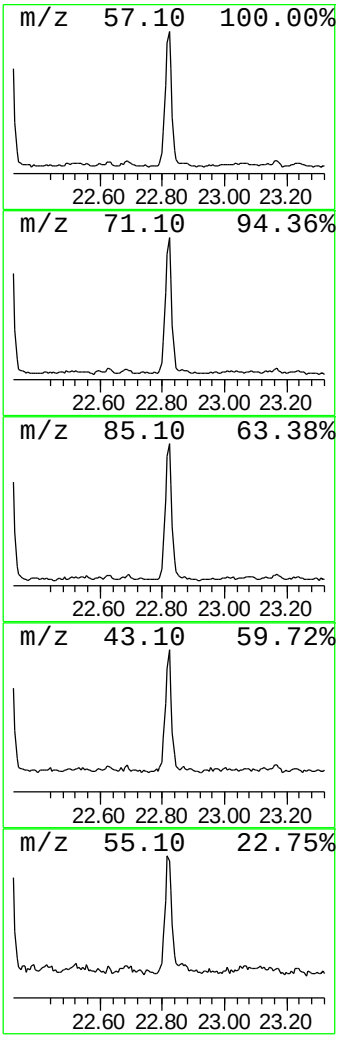
****

Peak Number 8 Pentadecane, 8-hexyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	3.51 ng	538509	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

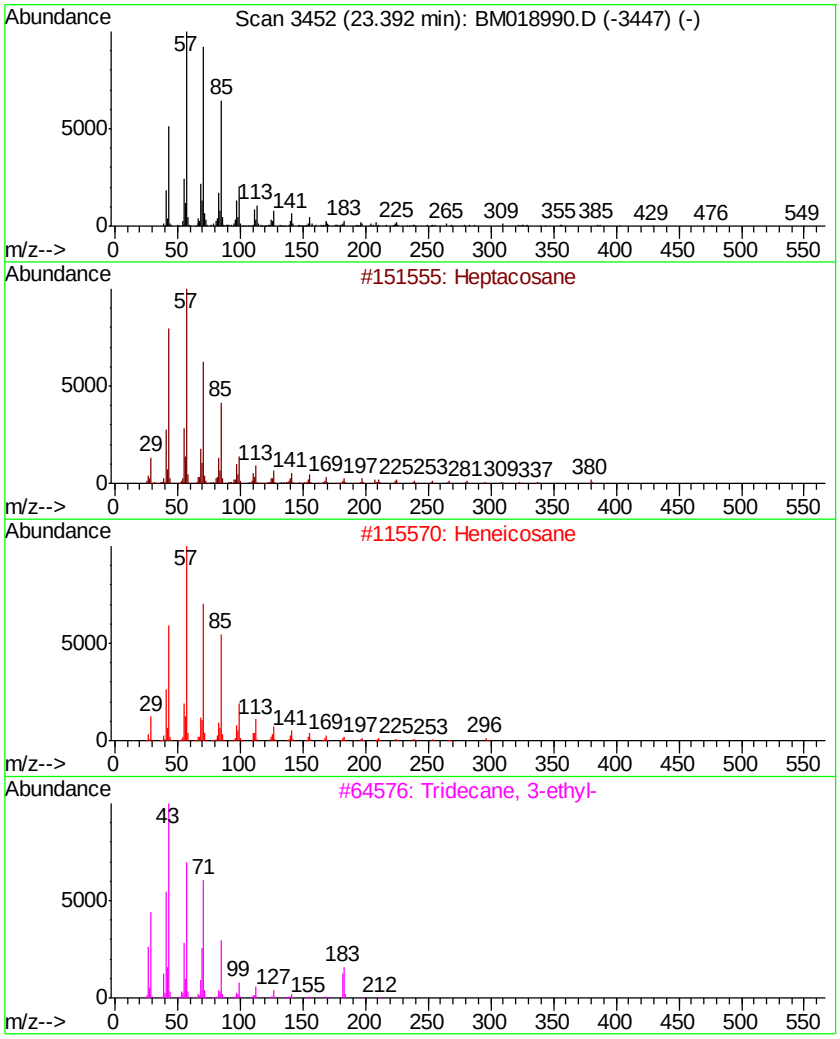
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

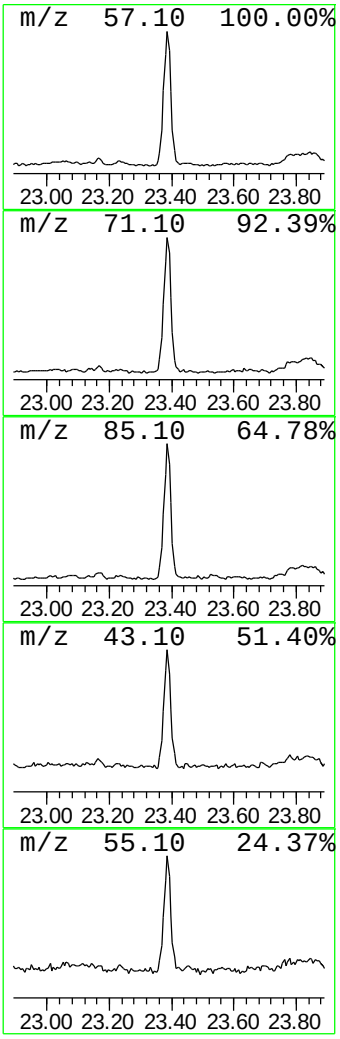
****

Peak Number 9 Heptacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	3.32 ng	509156	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	90
4	Pentadecane	212	C15H32	000629-62-9	90
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM018990.D
Acq On : 01 Mar 2019 17:08
Operator : JU/SJ
Sample : K1671-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-002-ABCD

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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
unknown7.22	7.22	109.5	ng	8193590	1	7.68	1496920	20.0
n-Hexadecanoic acid	17.97	3.8	ng	646617	4	17.09	3440430	20.0
7-Hexadecene, (Z)-	20.98	4.3	ng	758425	5	21.29	3544950	20.0
Heptadecane	21.42	2.1	ng	365693	5	21.29	3544950	20.0
Nonacosane	21.85	3.6	ng	632944	5	21.29	3544950	20.0
Docosane, 9-butyl-	22.32	3.1	ng	553179	5	21.29	3544950	20.0
Pentadecane, 8-he...	22.82	3.5	ng	538509	6	23.53	3068550	20.0
Heptacosane	23.39	3.3	ng	509156	6	23.53	3068550	20.0