LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018971.D
Acq On : 28 Feb 2019 16:14
Operator : JU/SJ
Sample : K1638-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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	367	373	391	rBV	5421677	8080515	47.66%	7.943%
2	6.869	635	643	657	rBV	5663199	9216914	54.36%	9.060%
3	7.222	695	703	720	rBV	5945127	9315226	54.94%	9.157%
4	7.687	776	782	790	rBV	976639	1556124	9.18%	1.530%
5	8.004	828	836	850	rBV	3910979	6293867	37.12%	6.187%
6	8.857	973	981	998	rBV	3355202	5486541	32.36%	5.393%
7	10.475	1248	1256	1270	rBV	1292562	2252751	13.29%	2.214%
8	12.951	1670	1677	1692	rBV	7512363	11283621	66.55%	11.091%
9	13.804	1816	1822	1834	rBV	275607	429551	2.53%	0.422%
10	14.339	1906	1913	1927	rVB2	1948507	3002560	17.71%	2.951%
11	15.839	2161	2168	2184	rBV	7329624	10424275	61.48%	10.247%
12	17.092	2375	2381	2392	rBV	2633733	3683135	21.72%	3.620%
13	17.980	2527	2532	2543	rBV	1270921	1783290	10.52%	1.753%
14	19.268	2746	2751	2763	rBV	364706	644524	3.80%	0.634%
15	19.727	2823	2829	2837	rBV	13734403	16955983	100.00%	16.667%
16	20.986	3039	3043	3056	rBV	1484309	1908781	11.26%	1.876%
17	21.286	3089	3094	3101	rBV	3263150	4127670	24.34%	4.057%
18	21.427	3114	3118	3123	rBV2	154275	209095	1.23%	0.206%
19	21.856	3188	3191	3194	rBV	236301	272495	1.61%	0.268%
20	22.321	3266	3270	3277	rBV2	409167	561411	3.31%	0.552%
21	22.821	3352	3355	3361	rVB	292086	425924	2.51%	0.419%
22	23.392	3448	3452	3458	rVB	266234	400209	2.36%	0.393%
23	23.539	3471	3477	3489	rVB	1792755	3417703	20.16%	3.360%

Sum of corrected areas: 101732165

LSC Report - Integrated Chromatogram

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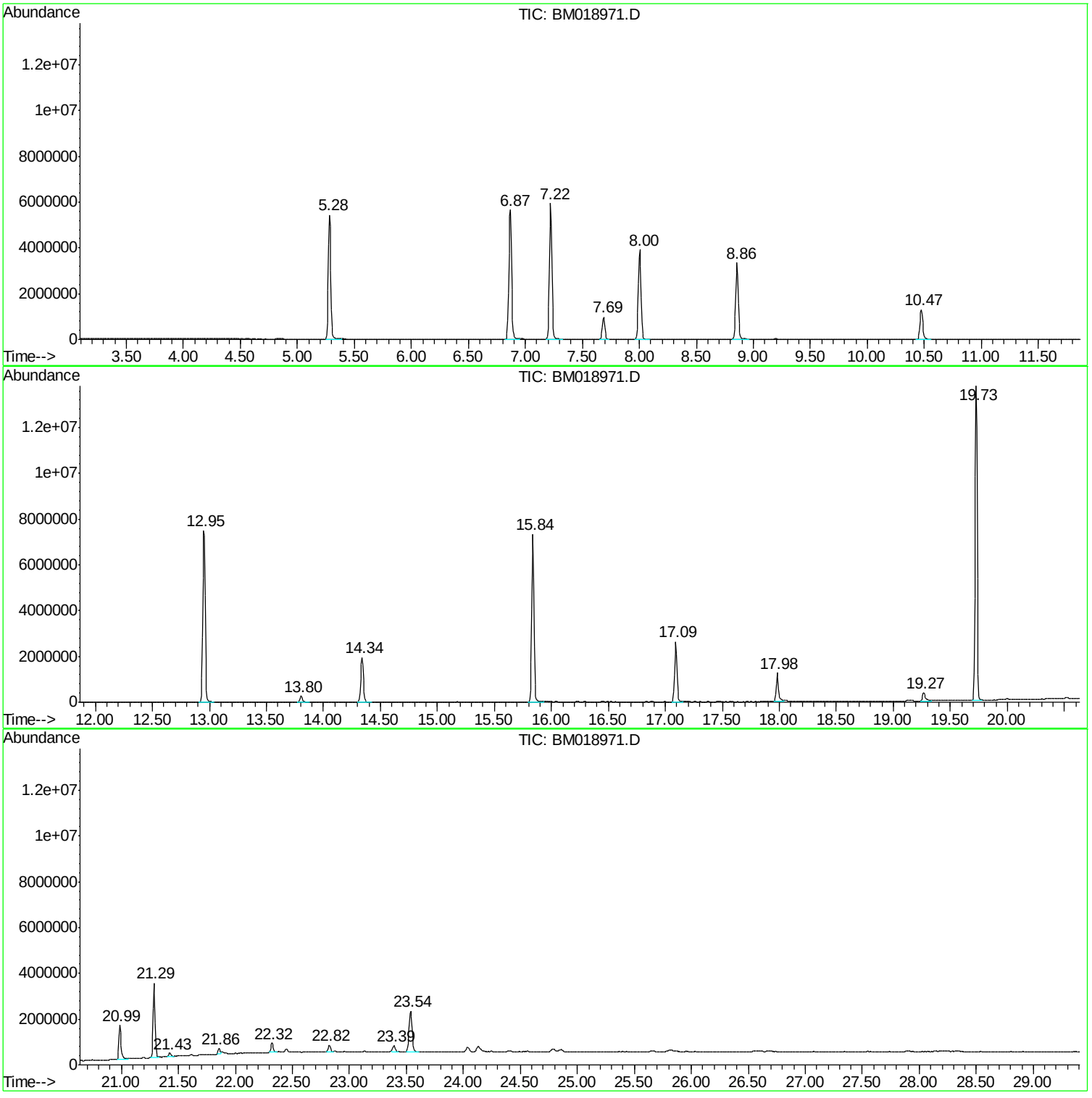
Sample : K1638-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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\BM022819\
Data File : BM018971.D
Acq On : 28 Feb 2019 16:14
Operator : JU/SJ
Sample : K1638-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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

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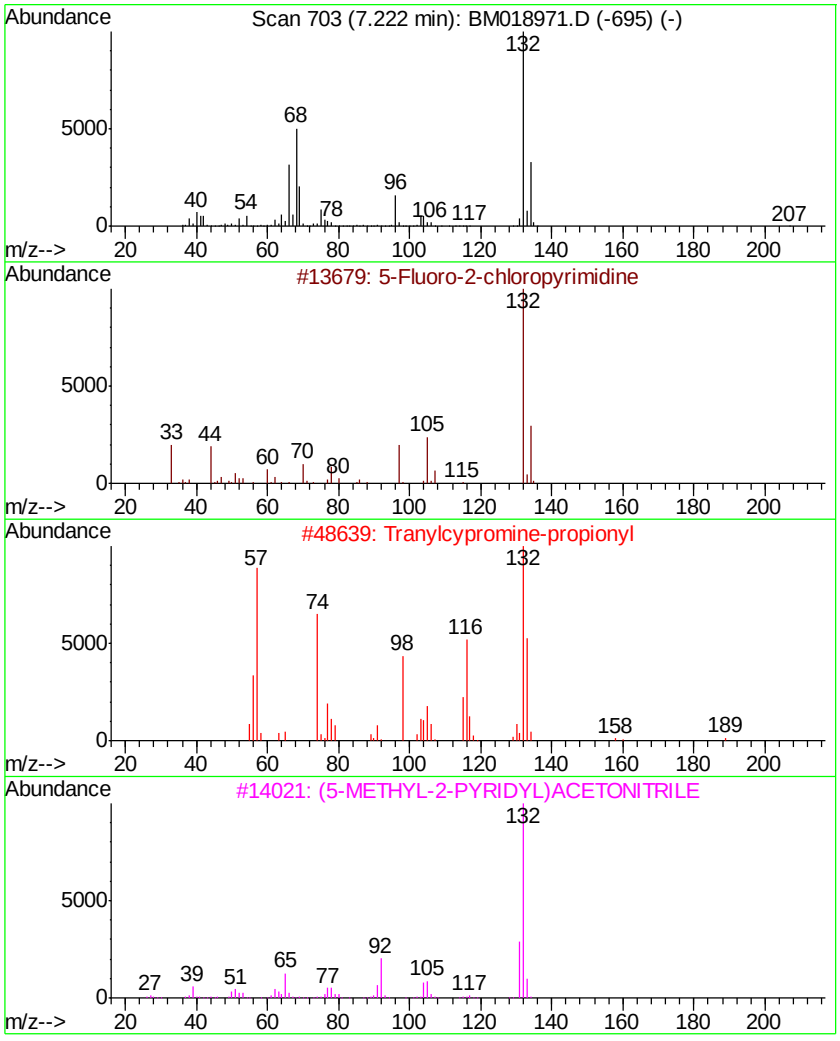
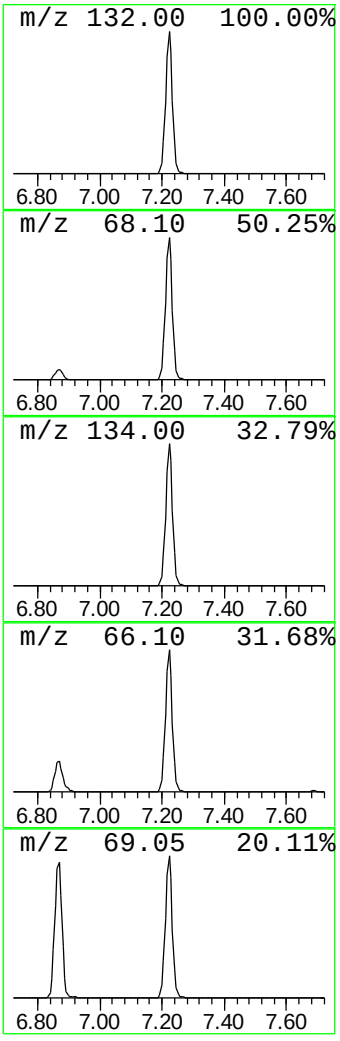
Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	119.72 ng	9315230	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





Library Search Compound Report

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Data File : BM018971.D
Acq On : 28 Feb 2019 16:14
Operator : JU/SJ
Sample : K1638-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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

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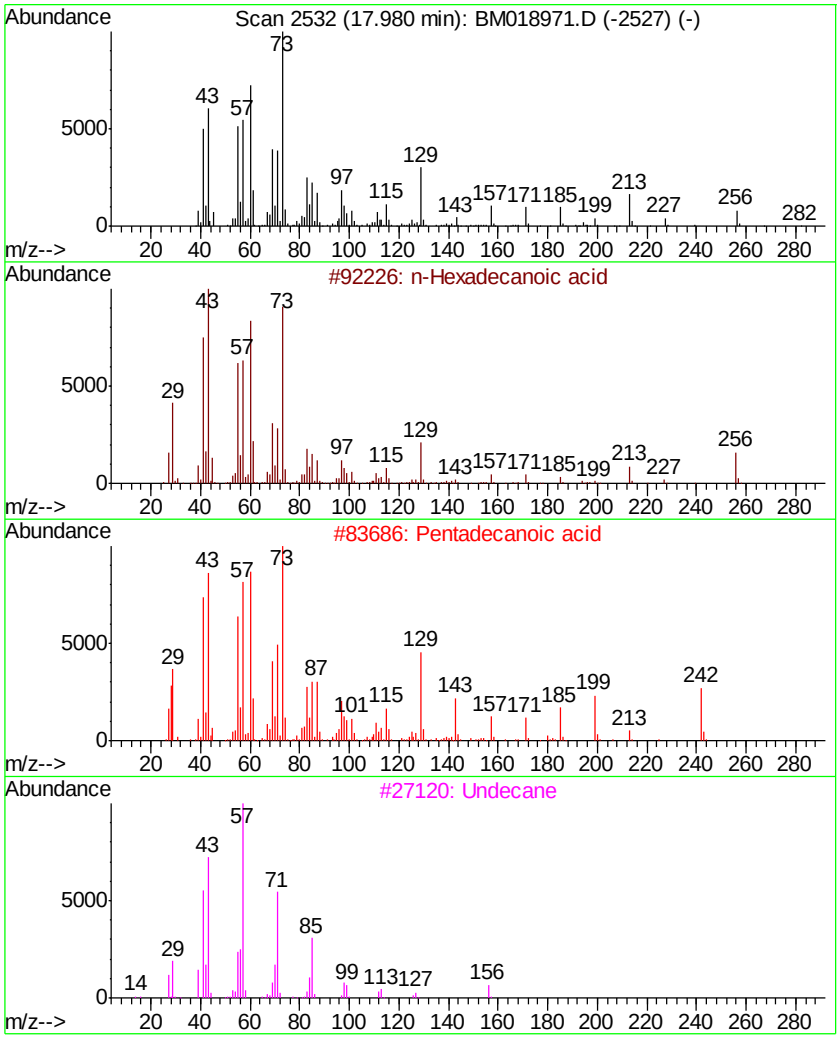
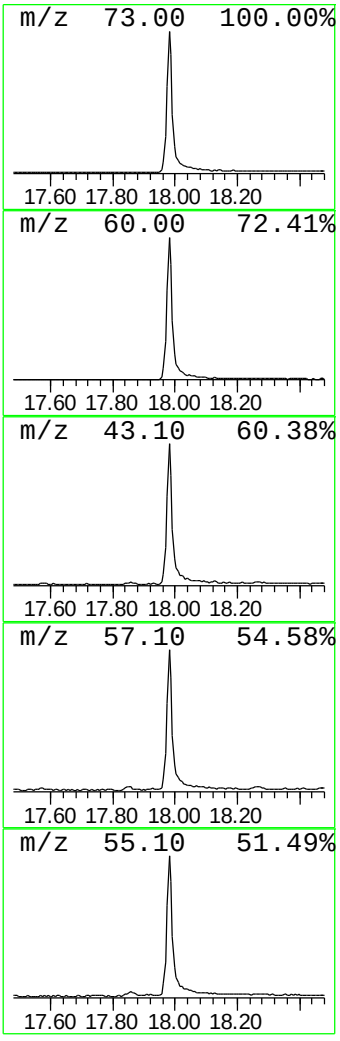
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	9.68 ng	1783290	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Undecane	156	C11H24	001120-21-4	25
4	Dodecane	170	C12H26	000112-40-3	25
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	18





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
Data File : BM018971.D
Acq On : 28 Feb 2019 16:14
Operator : JU/SJ
Sample : K1638-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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

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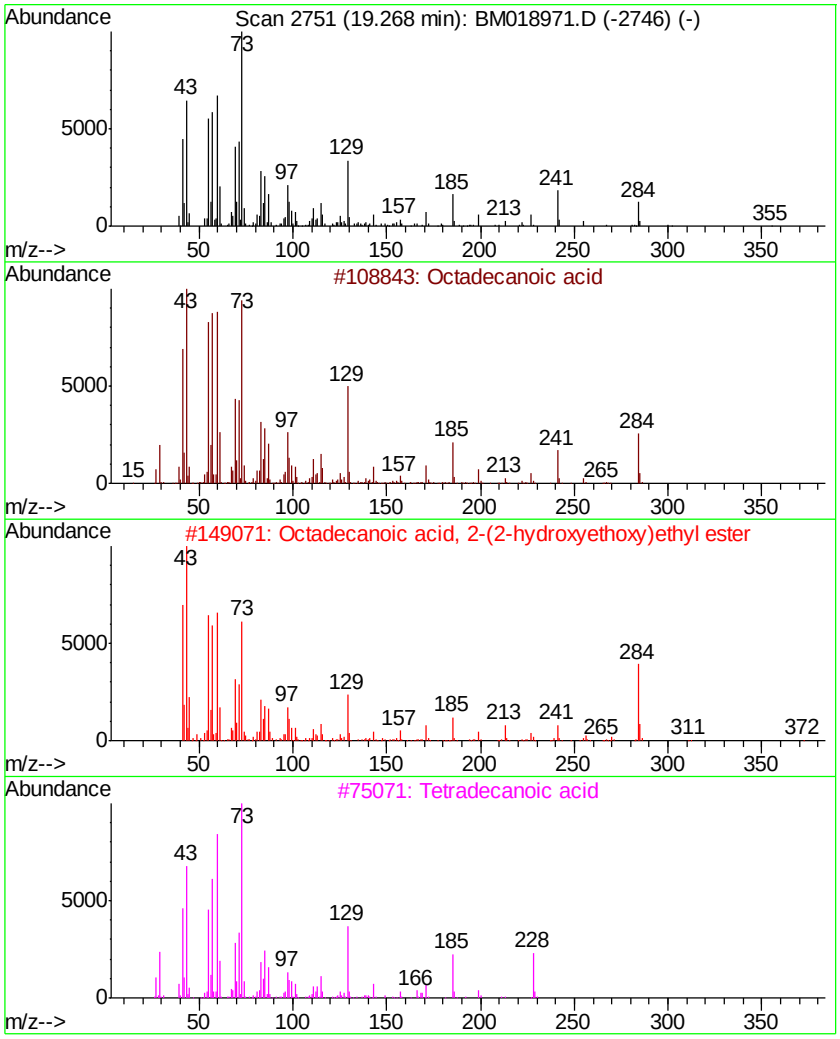
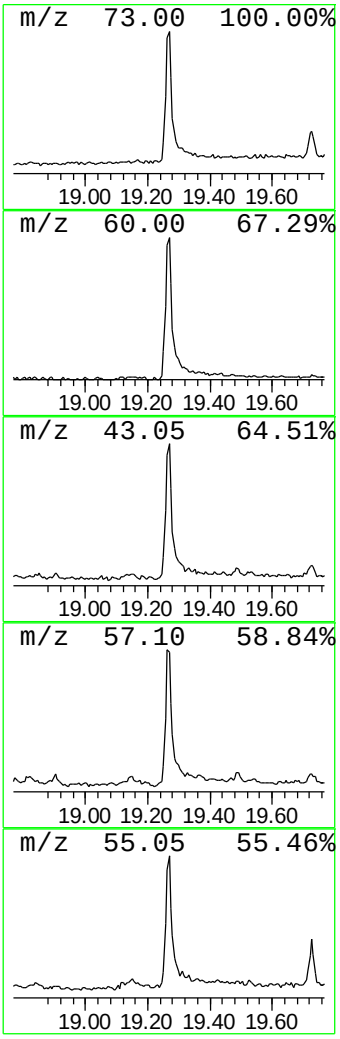
Peak Number 4 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.12 ng	644524	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Eicosane	282	C20H42	000112-95-8	60





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Data File : BM018971.D
Acq On : 28 Feb 2019 16:14
Operator : JU/SJ
Sample : K1638-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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

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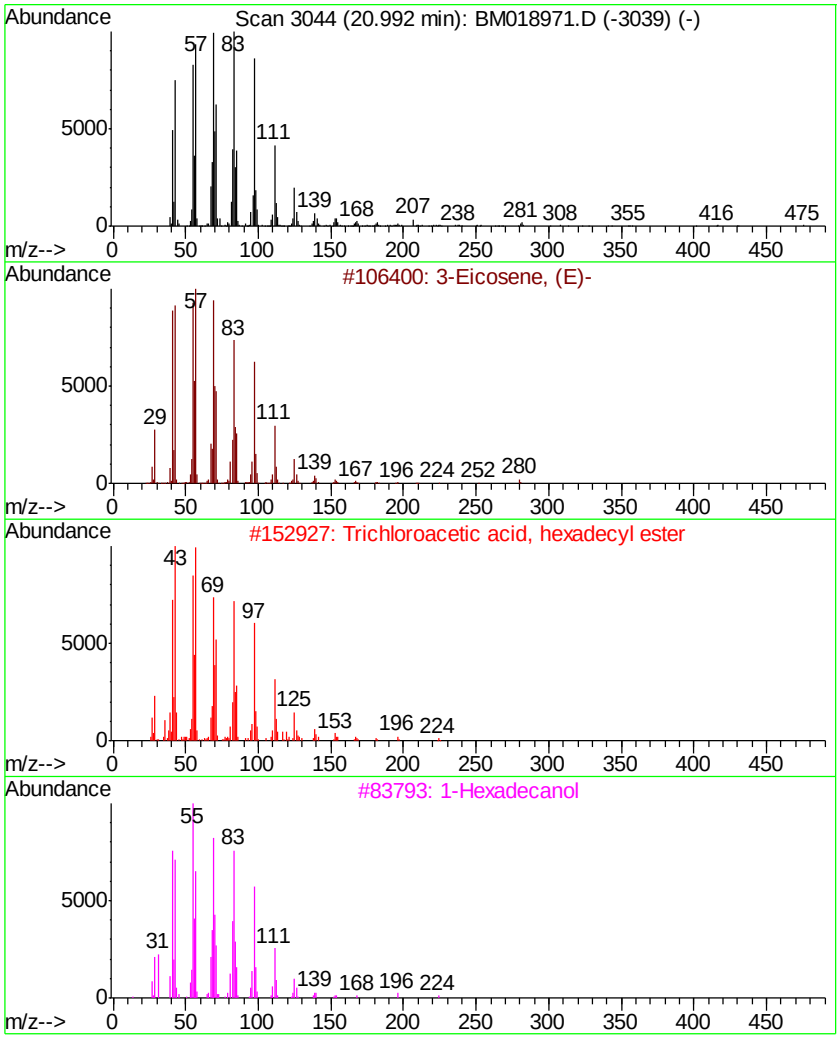
TIC Integration Parameters: LSCINT.P

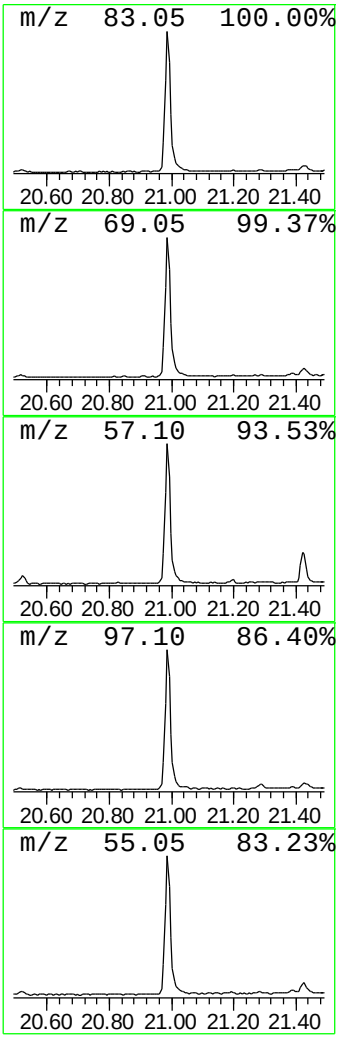
****

Peak Number 5 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	9.25 ng	1908780	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Hexadecanol	242	C16H34O	036653-82-4	87
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	83
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022819\
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Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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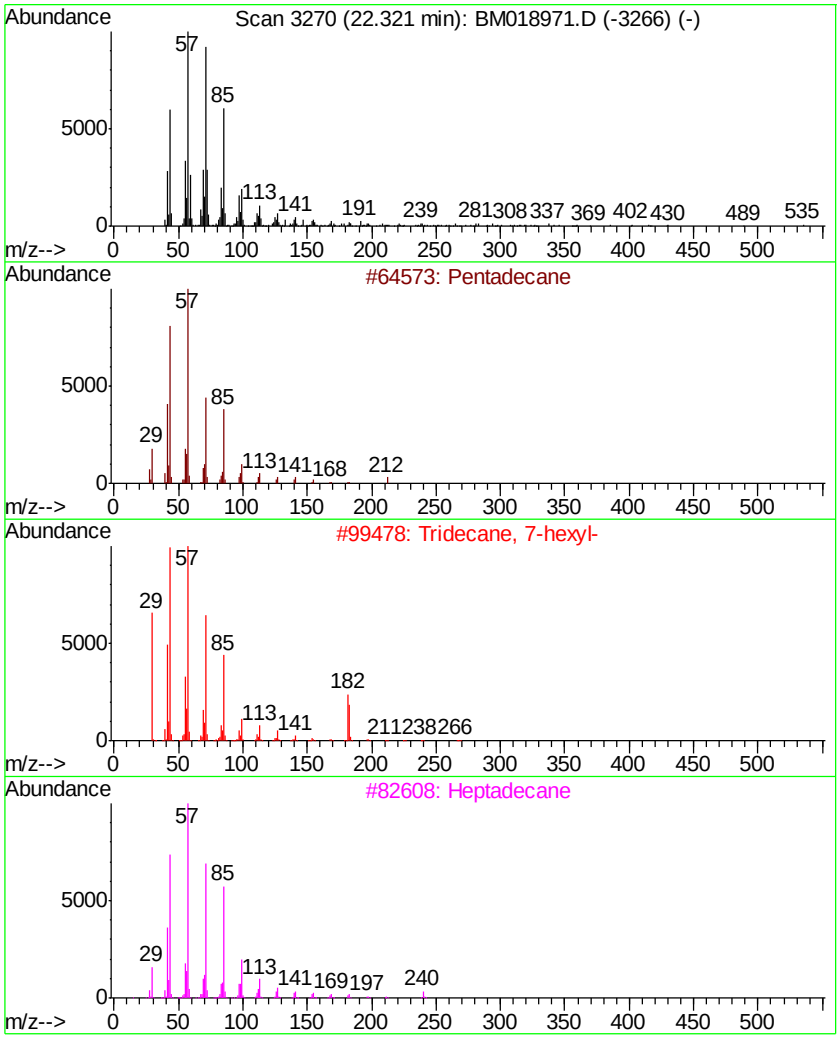
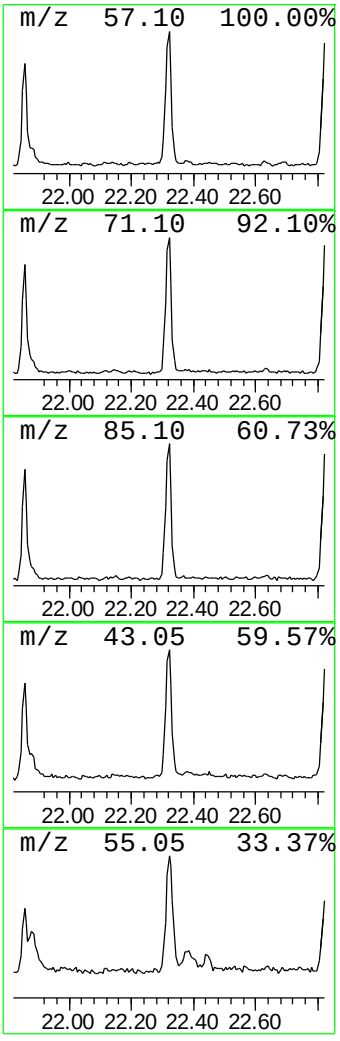
****

Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.72 ng	561411	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	76
3	Heptadecane	240	C17H36	000629-78-7	68
4	Heneicosane	296	C21H44	000629-94-7	64
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64





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Sample : K1638-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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
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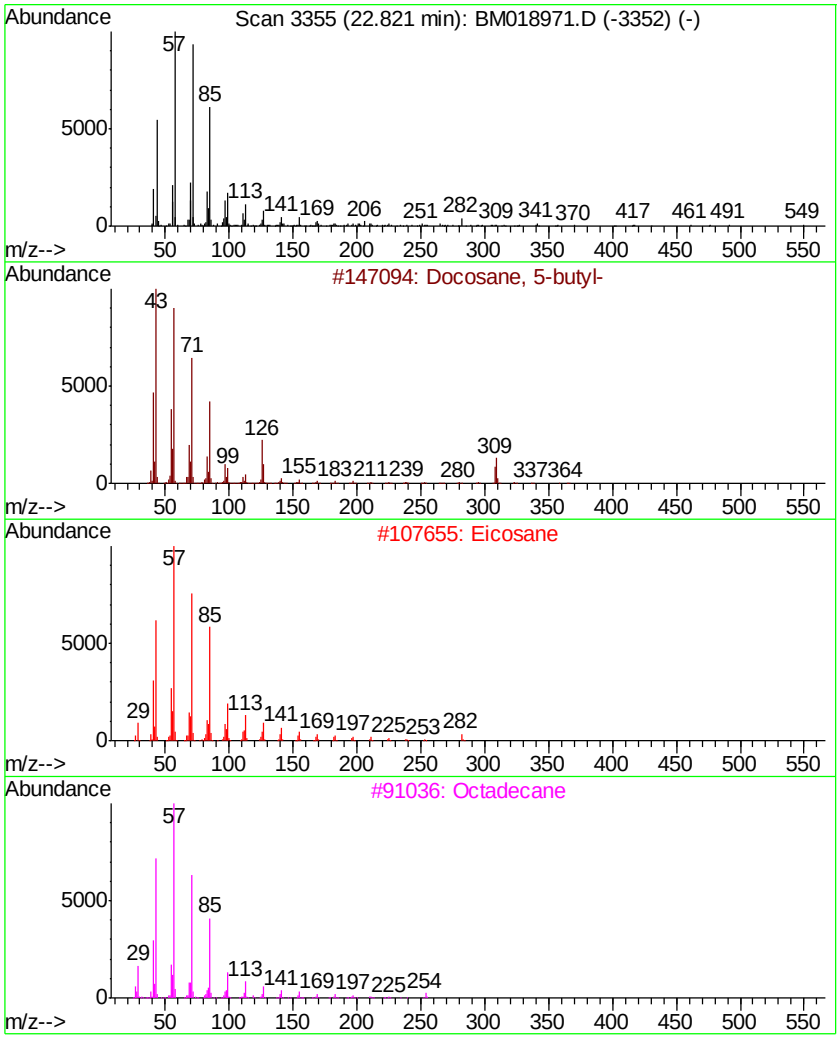
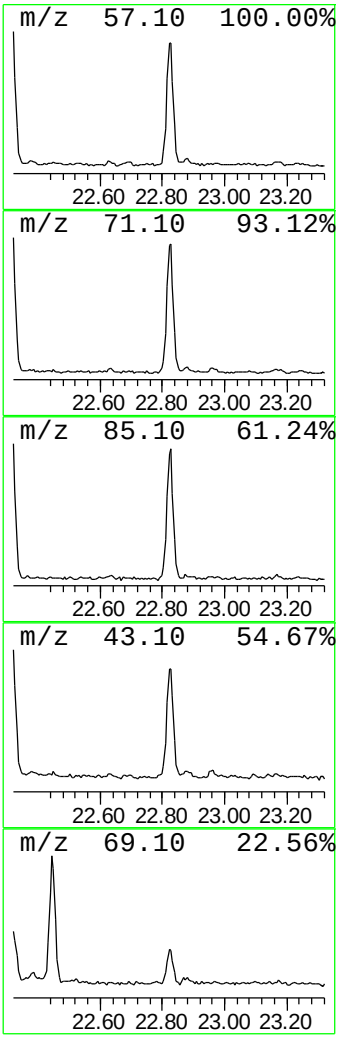
Peak Number 7 Docosane, 5-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.49 ng	425924	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 5-butyl-	366	C26H54	055282-16-1	90
2	Eicosane	282	C20H42	000112-95-8	89
3	Octadecane	254	C18H38	000593-45-3	87
4	Dodecane	170	C12H26	000112-40-3	86
5	Heptacosane	380	C27H56	000593-49-7	83





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Instrument : BNA_M
ClientSampleId : PE-1(EAST-SITE-WALL)

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

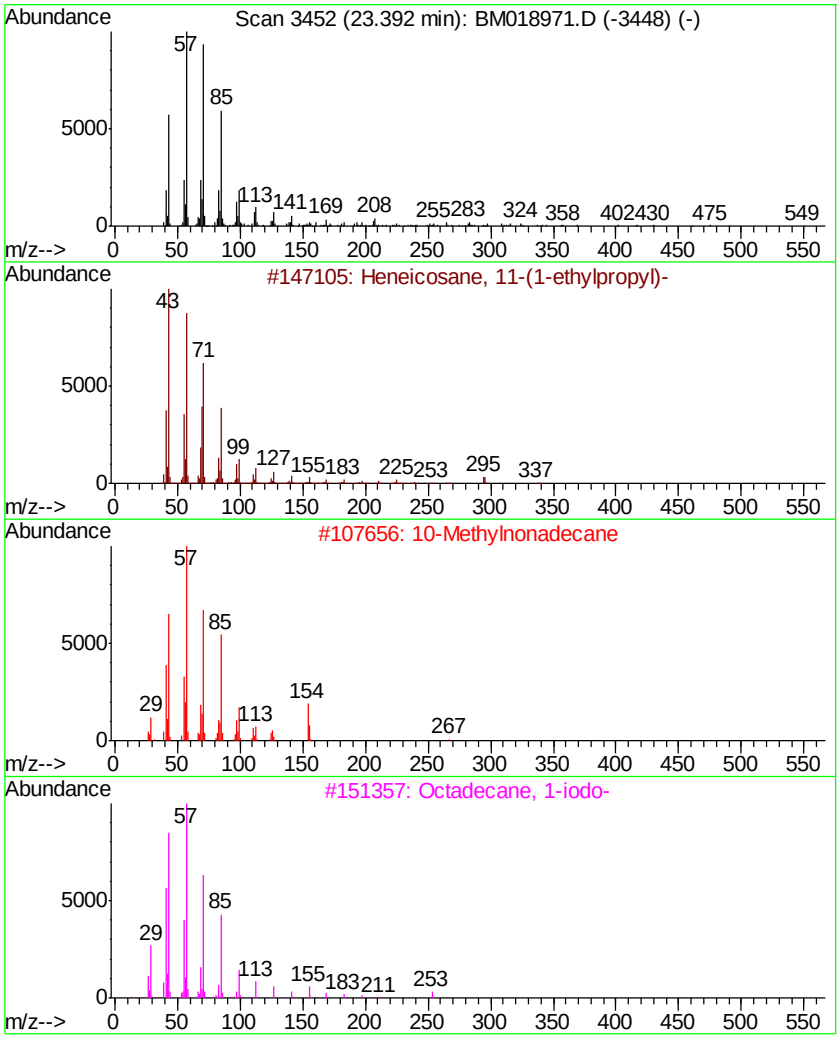
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

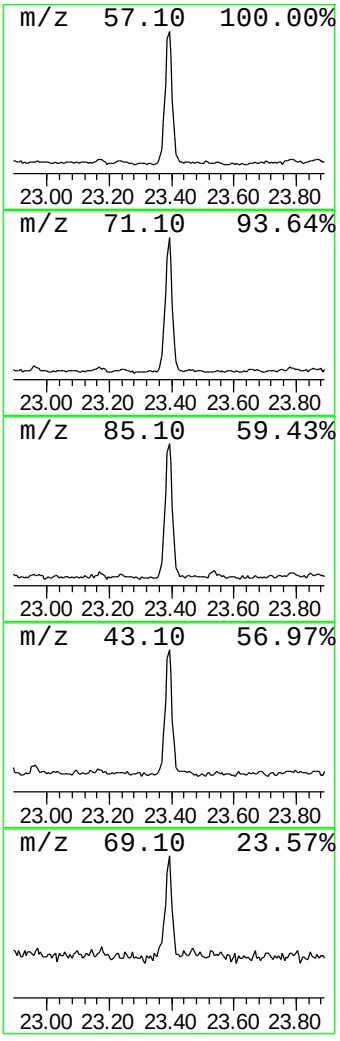
****

Peak Number 8 Heneicosane, 11-(1-ethylpro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.39	2.34 ng	400209	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87
2	10-Methylnonadecane	282	C20H42	056862-62-5	86
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
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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
unknown7.22	7.22	119.7	ng	9315230	1	7.69	1556120	20.0
n-Hexadecanoic acid	17.98	9.7	ng	1783290	4	17.09	3683140	20.0
Octadecanoic acid	19.27	3.1	ng	644524	5	21.29	4127670	20.0
3-Eicosene, (E)-	20.99	9.3	ng	1908780	5	21.29	4127670	20.0
Pentadecane	22.32	2.7	ng	561411	5	21.29	4127670	20.0
Docosane, 5-butyl-	22.82	2.5	ng	425924	6	23.54	3417700	20.0
Heneicosane, 11-(...	23.39	2.3	ng	400209	6	23.54	3417700	20.0