LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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	5.275	366	372	389	rBV	4231555	6123087	62.86%	8.082%
2	6.857	634	641	661	rBV	4208231	7064849	72.53%	9.325%
3	7.216	694	702	720	rBV	4532775	6941202	71.26%	9.161%
4	7.681	774	781	789	rBV	1087395	1669673	17.14%	2.204%
5	7.998	828	835	845	rBV	3093268	4899746	50.30%	6.467%
6	8.851	972	980	998	rBV	2363679	4024544	41.32%	5.312%
7	10.469	1246	1255	1268	rBV	1333886	2313288	23.75%	3.053%
8	11.522	1427	1434	1454	rBV2	33159	122162	1.25%	0.161%
9	12.945	1669	1676	1690	rBV	6145364	9022265	92.63%	11.908%
10	13.798	1814	1821	1832	rBV	215040	351068	3.60%	0.463%
11	14.333	1905	1912	1925	rBV2	1986279	2984420	30.64%	3.939%
12	15.833	2160	2167	2185	rBV	4333616	6470641	66.43%	8.540%
13	17.086	2372	2380	2392	rBV	2196921	3233321	33.19%	4.268%
14	17.974	2526	2531	2540	rBV	528616	802037	8.23%	1.059%
15	19.262	2745	2750	2759	rBV	231590	385560	3.96%	0.509%
16	19.721	2822	2828	2838	rBV	7992848	9740479	100.00%	12.856%
17	20.980	3038	3042	3052	rBV	521725	688957	7.07%	0.909%
18	21.280	3088	3093	3103	rBV	2331950	2851782	29.28%	3.764%
19	21.415	3113	3116	3122	rVB	236384	247984	2.55%	0.327%
20	21.850	3186	3190	3197	rBV	342264	451621	4.64%	0.596%
21	22.309	3264	3268	3274	rVB	480211	599752	6.16%	0.792%
22	22.433	3287	3289	3296	rVB	123931	161186	1.65%	0.213%
23	22.815	3349	3354	3359	rBV	464833	654780	6.72%	0.864%
24	23.380	3445	3450	3458	rVB	414855	671943	6.90%	0.887%
25	23.527	3468	3475	3484	rBV	1390801	2742762	28.16%	3.620%
26	24.021	3555	3559	3566	rVB	305349	546953	5.62%	0.722%

Sum of corrected areas: 75766062

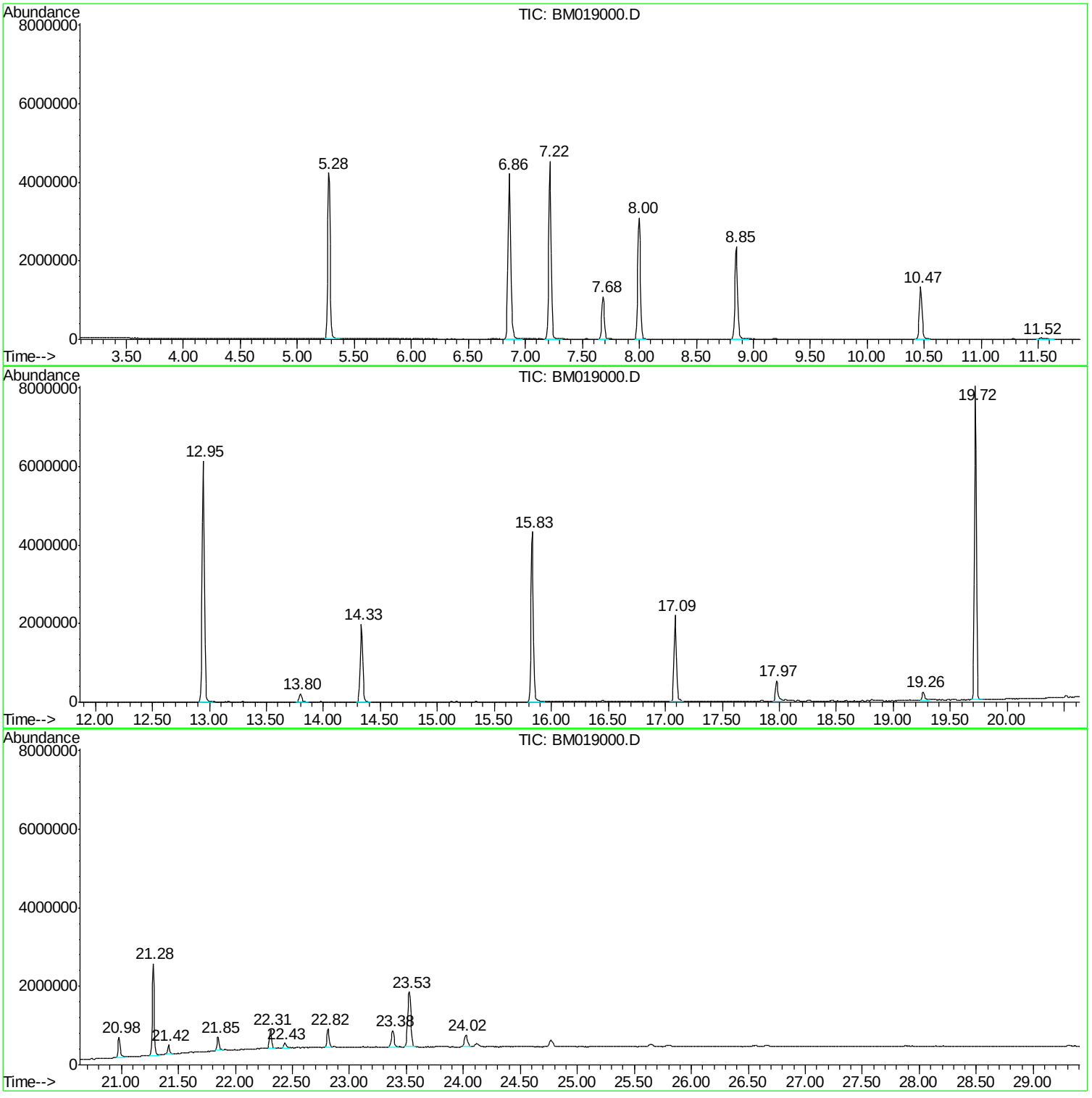
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-3-12-B

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 : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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

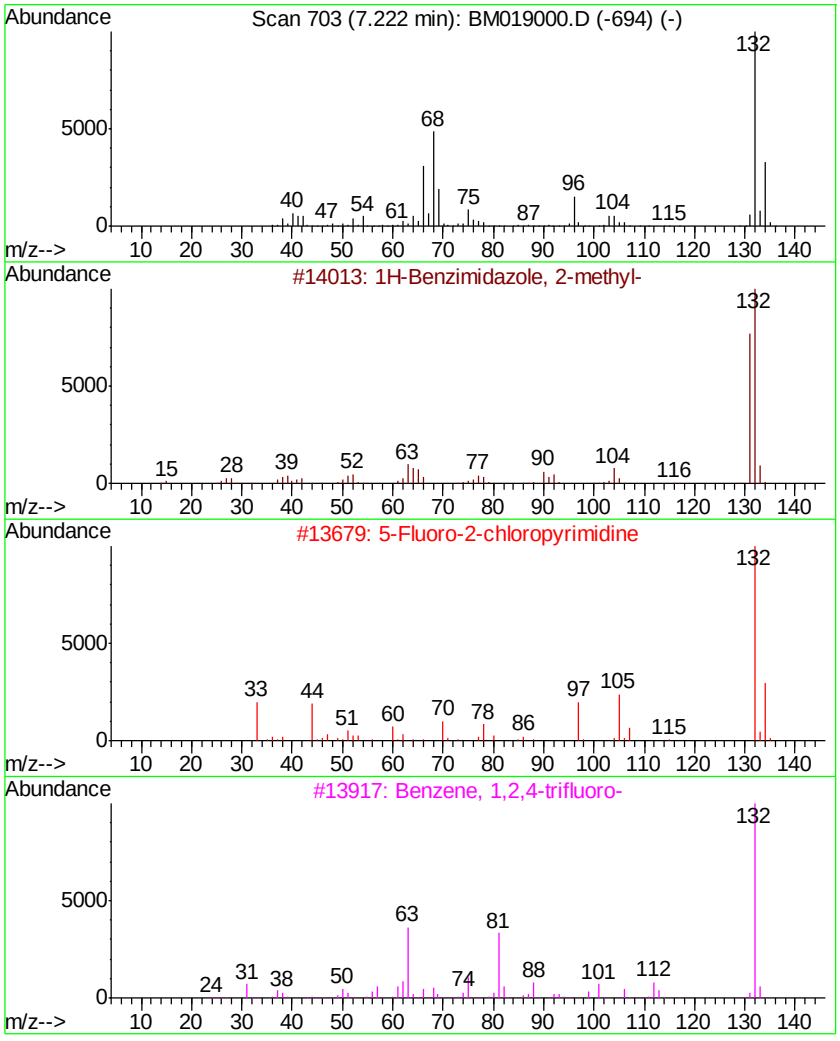
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

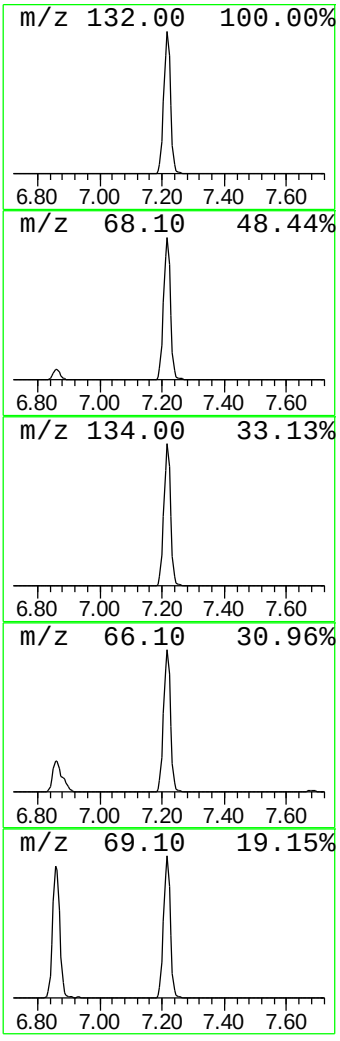
****

Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	83.14 ng	6941200	1,4-Dichlorobenzene-d4	7.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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

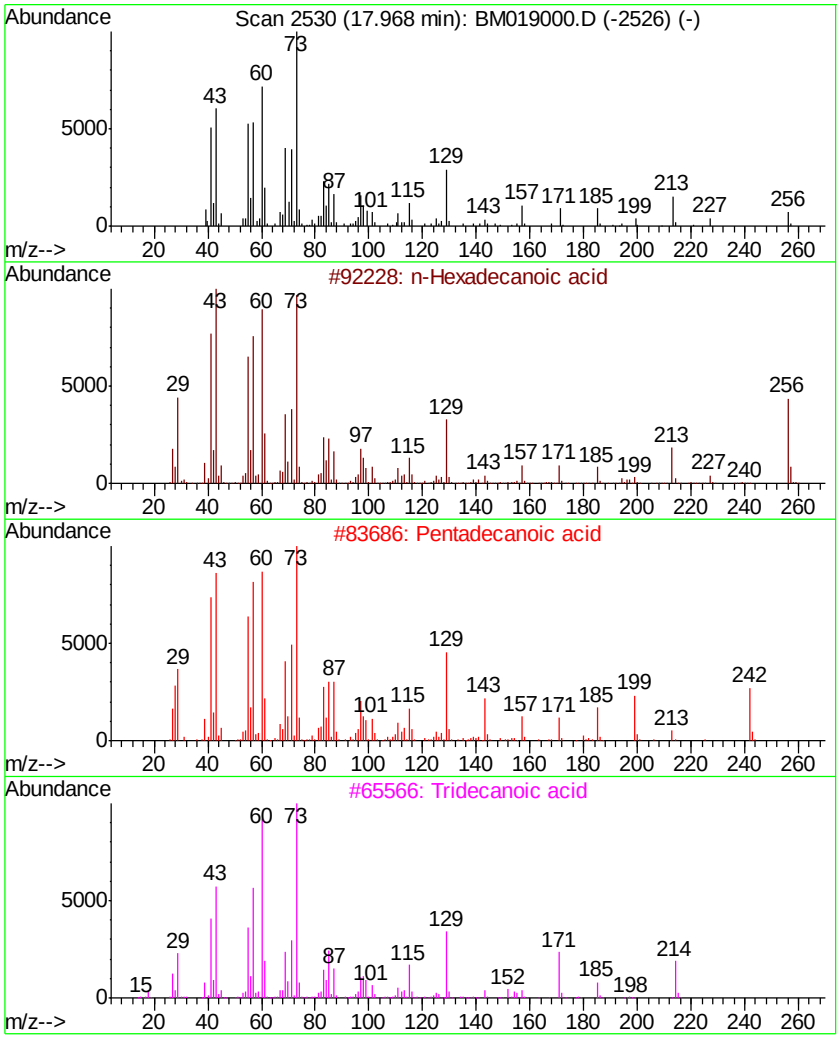
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

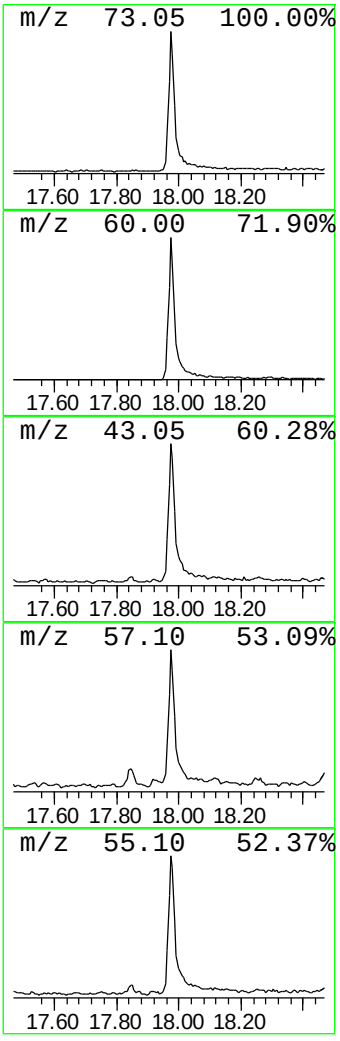
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	4.96 ng	802037	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	80
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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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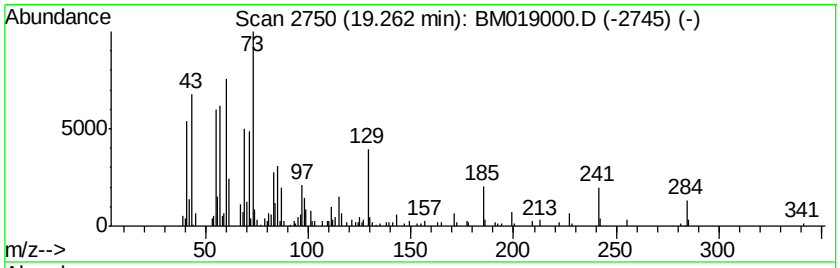
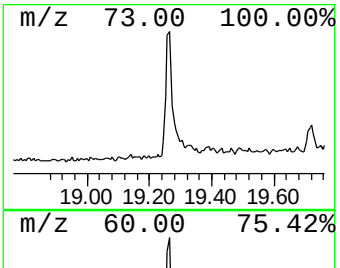
Peak Number 4 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.70 ng	385560	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	15





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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

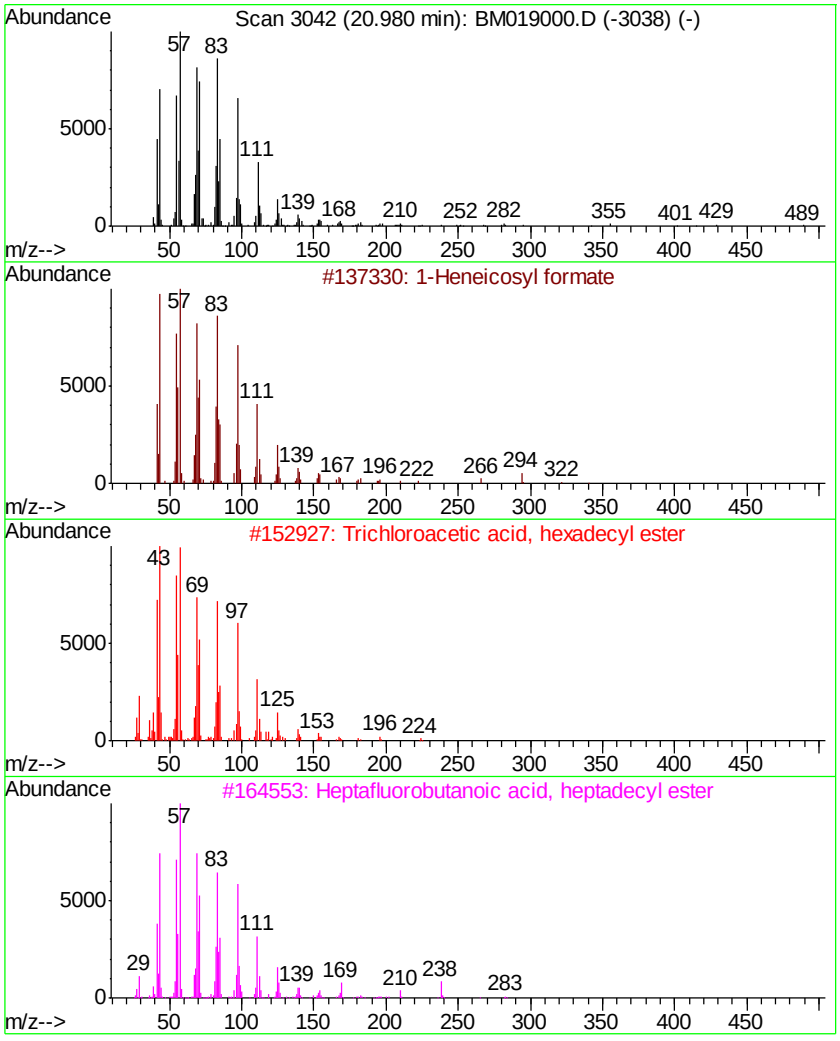
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

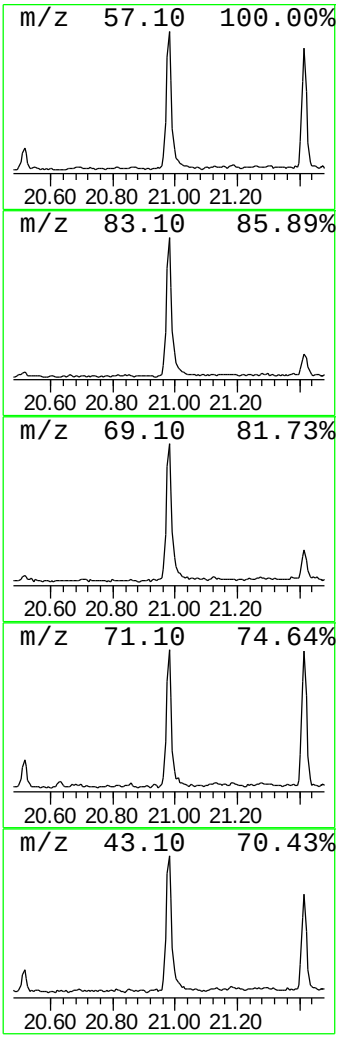
****

Peak Number 5 1-Heneicosyl formate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	4.83 ng	688957	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	81
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	76
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	72
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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

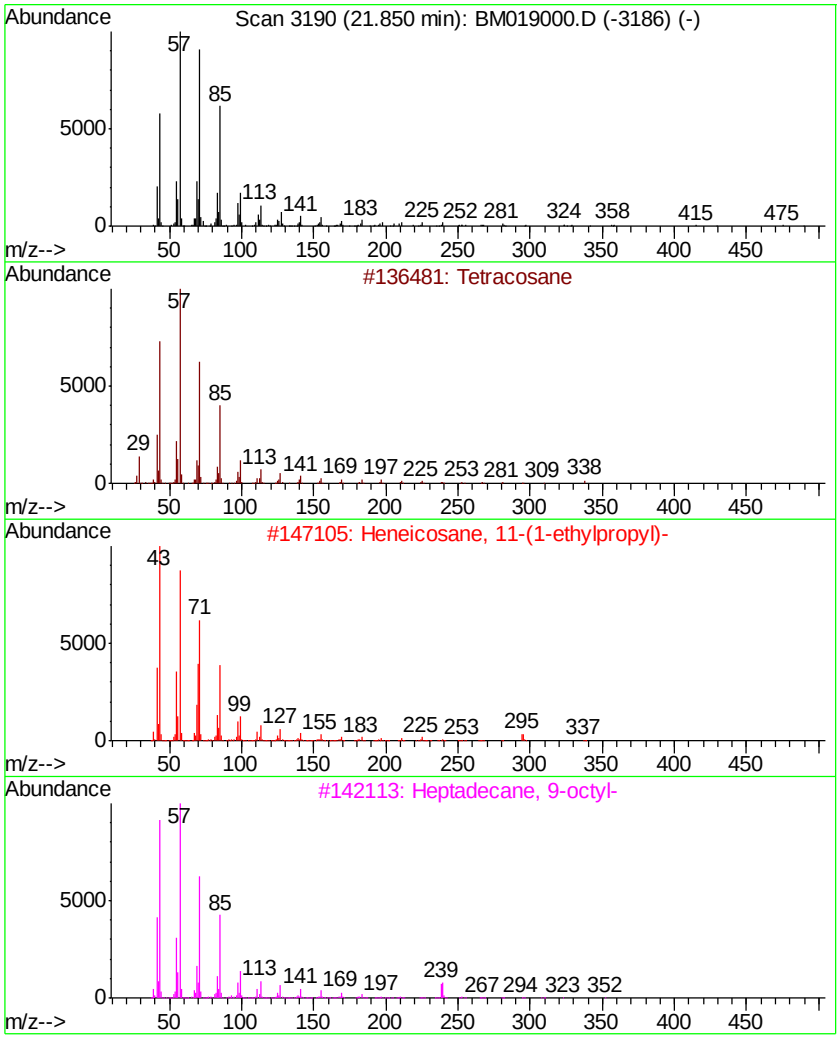
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

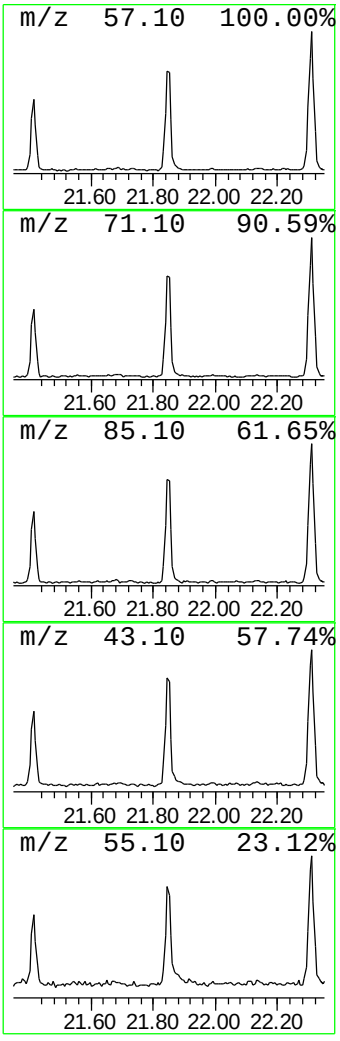
****

Peak Number 6 Tetracosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	3.17 ng	451621	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Nonacosane	408	C29H60	000630-03-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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

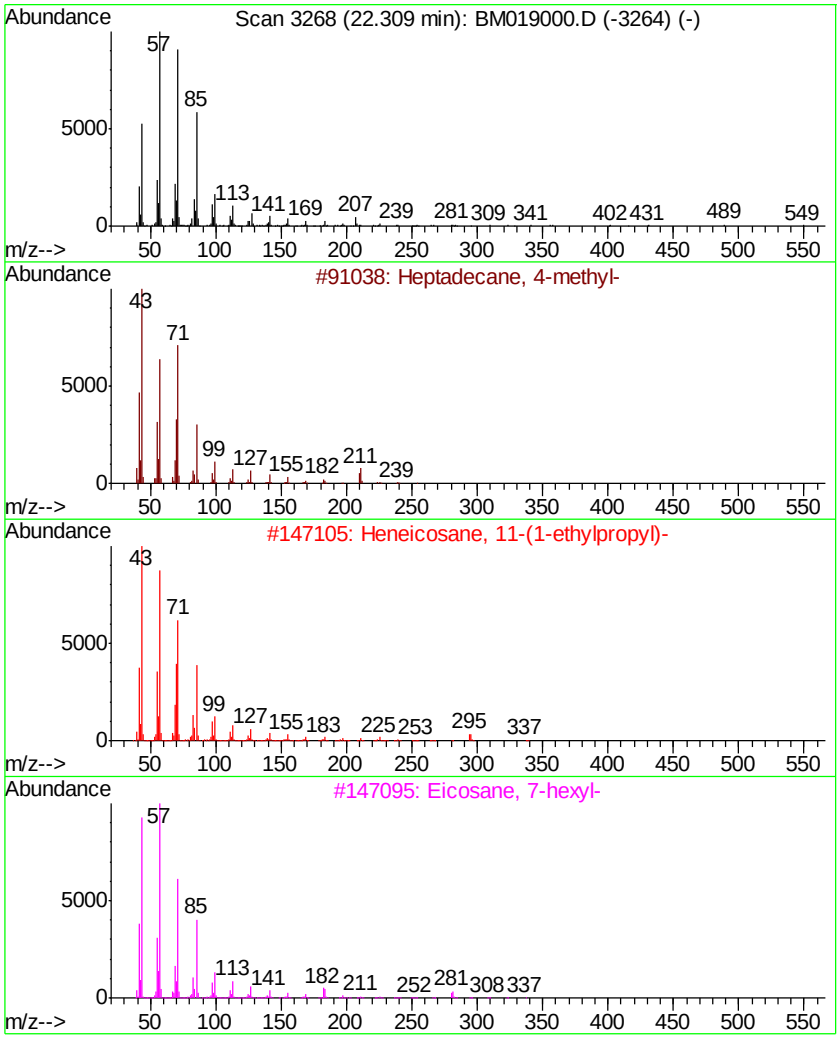
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

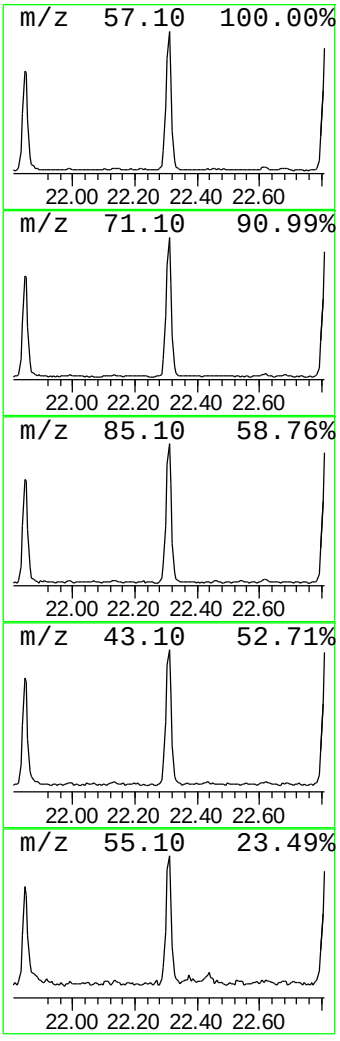
****

Peak Number 7 Heptadecane, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.31	4.21 ng	599752	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
2	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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

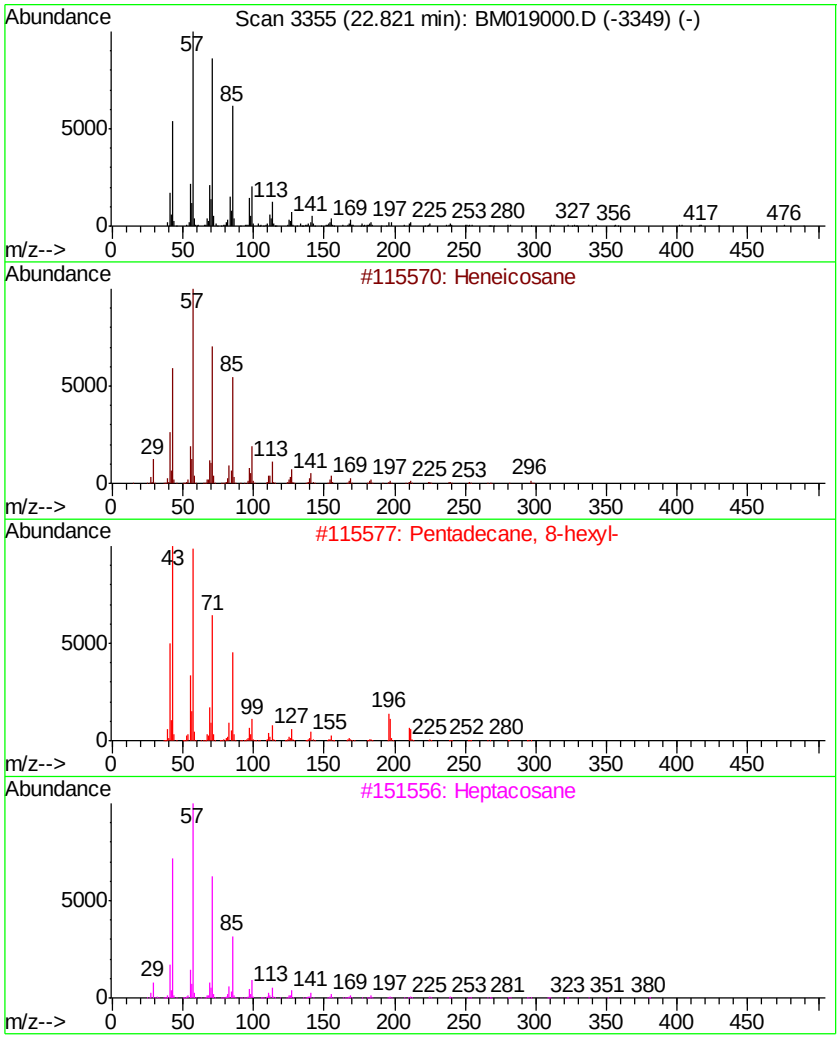
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

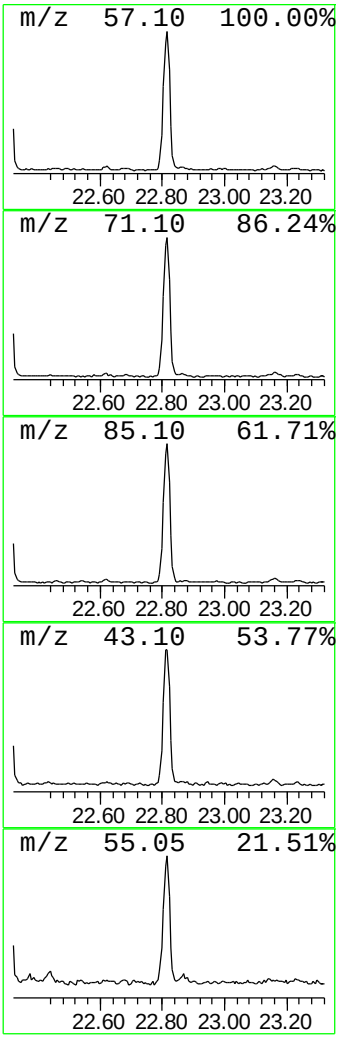
****

Peak Number 8 Heneicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	4.77 ng	654780	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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

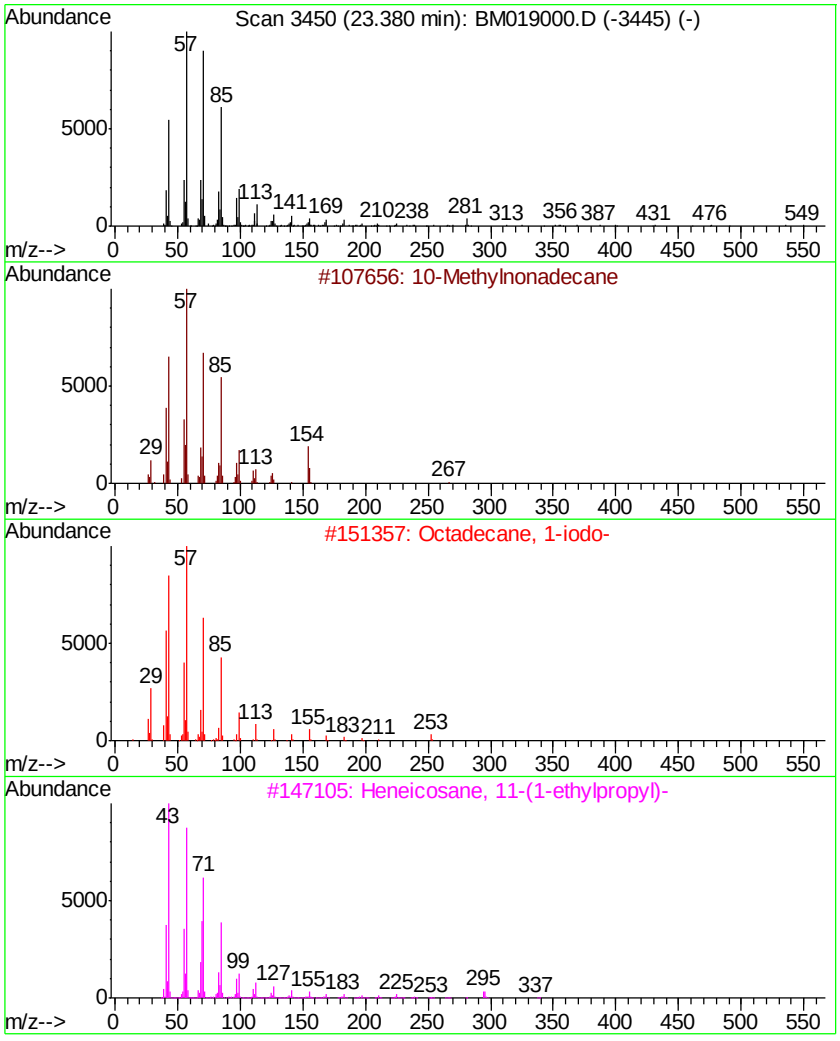
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

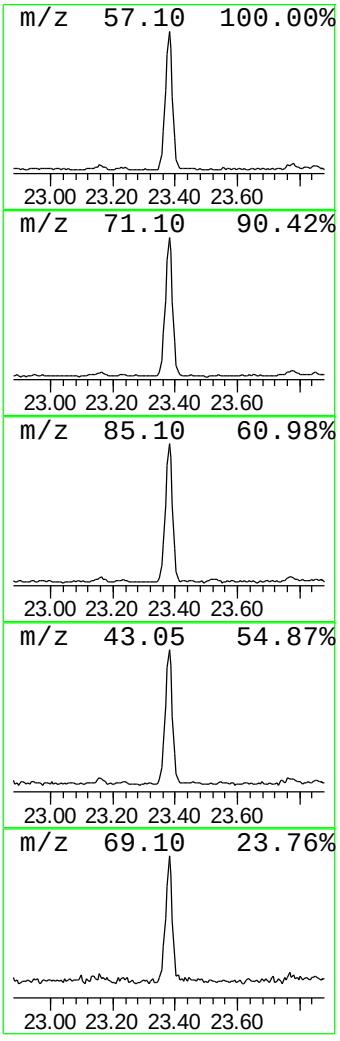
****

Peak Number 9 10-Methylnonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	4.90 ng	671943	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	86
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86
4	Hexadecane	226	C16H34	000544-76-3	86
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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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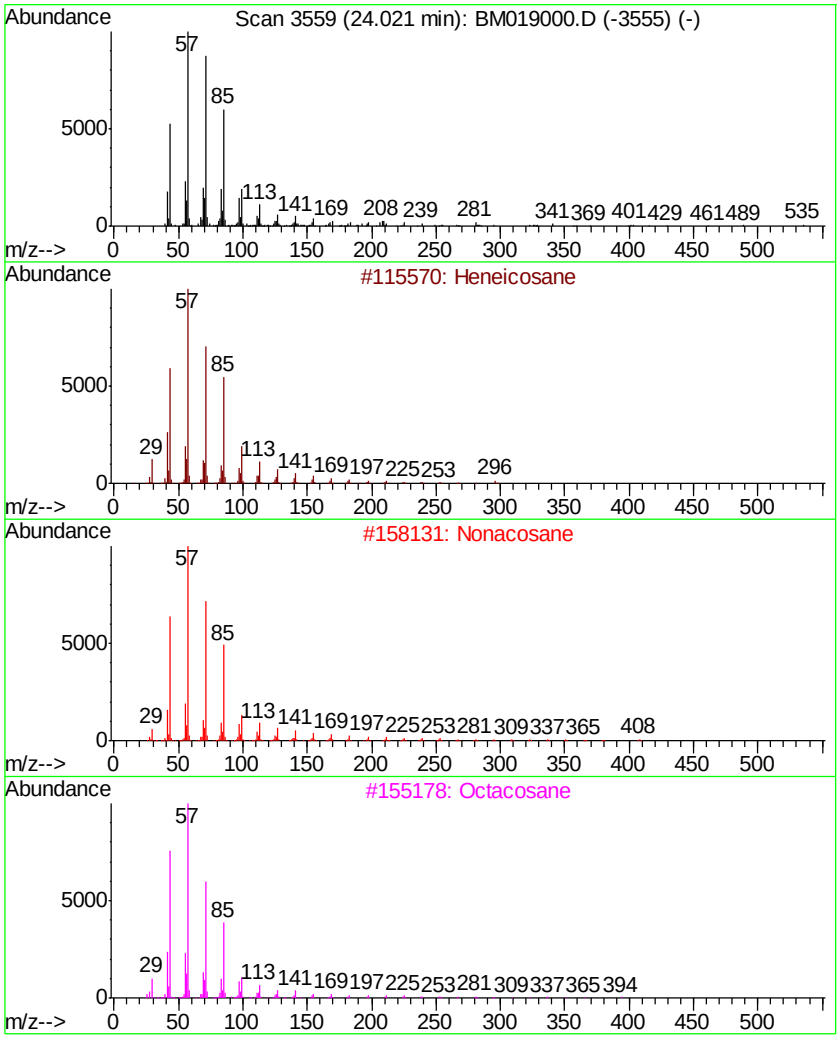
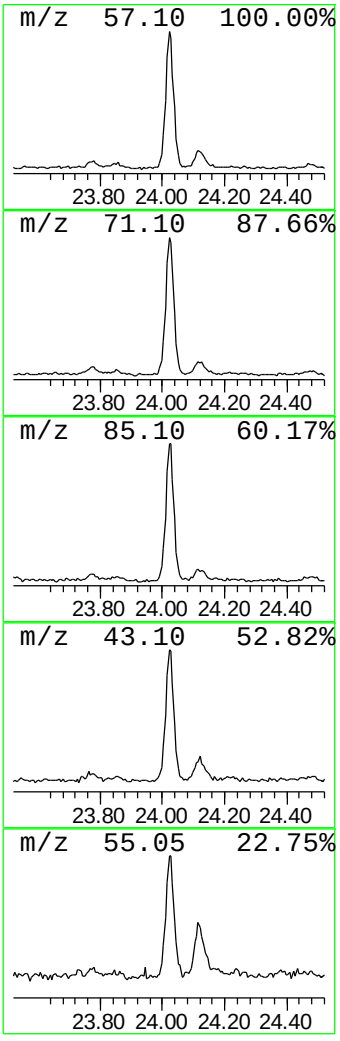
Peak Number 10 Nonacosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.02	3.99 ng	546953	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonacosane	408	C29H60	000630-03-5	83
3	Octacosane	394	C28H58	000630-02-4	83
4	Octadecane	254	C18H38	000593-45-3	81
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM019000.D
Acq On : 01 Mar 2019 23:08
Operator : JU/SJ
Sample : K1675-27
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-12-B

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	83.1	ng	6941200	1	7.68	1669670	20.0
n-Hexadecanoic acid	17.97	5.0	ng	802037	4	17.09	3233320	20.0
Octadecanoic acid	19.26	2.7	ng	385560	5	21.28	2851780	20.0
1-Heneicosyl formate	20.98	4.8	ng	688957	5	21.28	2851780	20.0
Tetracosane	21.85	3.2	ng	451621	5	21.28	2851780	20.0
Heptadecane, 4-me...	22.31	4.2	ng	599752	5	21.28	2851780	20.0
Heneicosane	22.82	4.8	ng	654780	6	23.53	2742760	20.0
10-Methylnonadecane	23.38	4.9	ng	671943	6	23.53	2742760	20.0
Nonacosane	24.02	4.0	ng	546953	6	23.53	2742760	20.0