LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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	392	rBV	3210804	4786613	64.46%	8.252%
2	6.863	635	642	661	rBV	3096759	5270704	70.98%	9.086%
3	7.222	696	703	714	rBV	3333422	5235870	70.51%	9.026%
4	7.693	776	783	790	rBV	564262	896656	12.07%	1.546%
5	8.004	829	836	846	rBV	2358304	3794274	51.09%	6.541%
6	8.857	974	981	994	rBV	1698265	2881963	38.81%	4.968%
7	10.481	1249	1257	1270	rBV	642576	1108094	14.92%	1.910%
8	12.957	1670	1678	1693	rBV	3988243	5856764	78.87%	10.096%
9	13.804	1815	1822	1830	rBV	181338	291131	3.92%	0.502%
10	14.345	1907	1914	1922	rBV2	822707	1300783	17.52%	2.242%
11	15.839	2162	2168	2186	rBV	3044688	4657942	62.72%	8.030%
12	17.098	2375	2382	2387	rBV	1015779	1517557	20.44%	2.616%
13	17.139	2387	2389	2397	rVB	101303	125884	1.70%	0.217%
14	17.986	2527	2533	2543	rBV	676139	1176190	15.84%	2.028%
15	19.162	2728	2733	2740	rVB	158792	242964	3.27%	0.419%
16	19.274	2747	2752	2766	rBV	620274	1170568	15.76%	2.018%
17	19.527	2791	2795	2804	rVB	123591	189947	2.56%	0.327%
18	19.727	2824	2829	2845	rBV	5924470	7426026	100.00%	12.802%
19	20.992	3040	3044	3054	rBV	338259	572328	7.71%	0.987%
20	21.292	3089	3095	3099	rBV	1471116	2021851	27.23%	3.485%
21	21.427	3115	3118	3124	rBV	189256	237793	3.20%	0.410%
22	21.862	3188	3192	3196	rBV	445191	534028	7.19%	0.921%
23	22.327	3266	3271	3281	rVB	789481	1068619	14.39%	1.842%
24	22.833	3352	3357	3364	rBV	814583	1336468	18.00%	2.304%
25	23.397	3448	3453	3460	rBV	744764	1272958	17.14%	2.194%
26	23.539	3472	3477	3489	rVB	1030375	2007000	27.03%	3.460%
27	24.044	3558	3563	3571	rVB	564987	1027521	13.84%	1.771%

Sum of corrected areas: 58008496

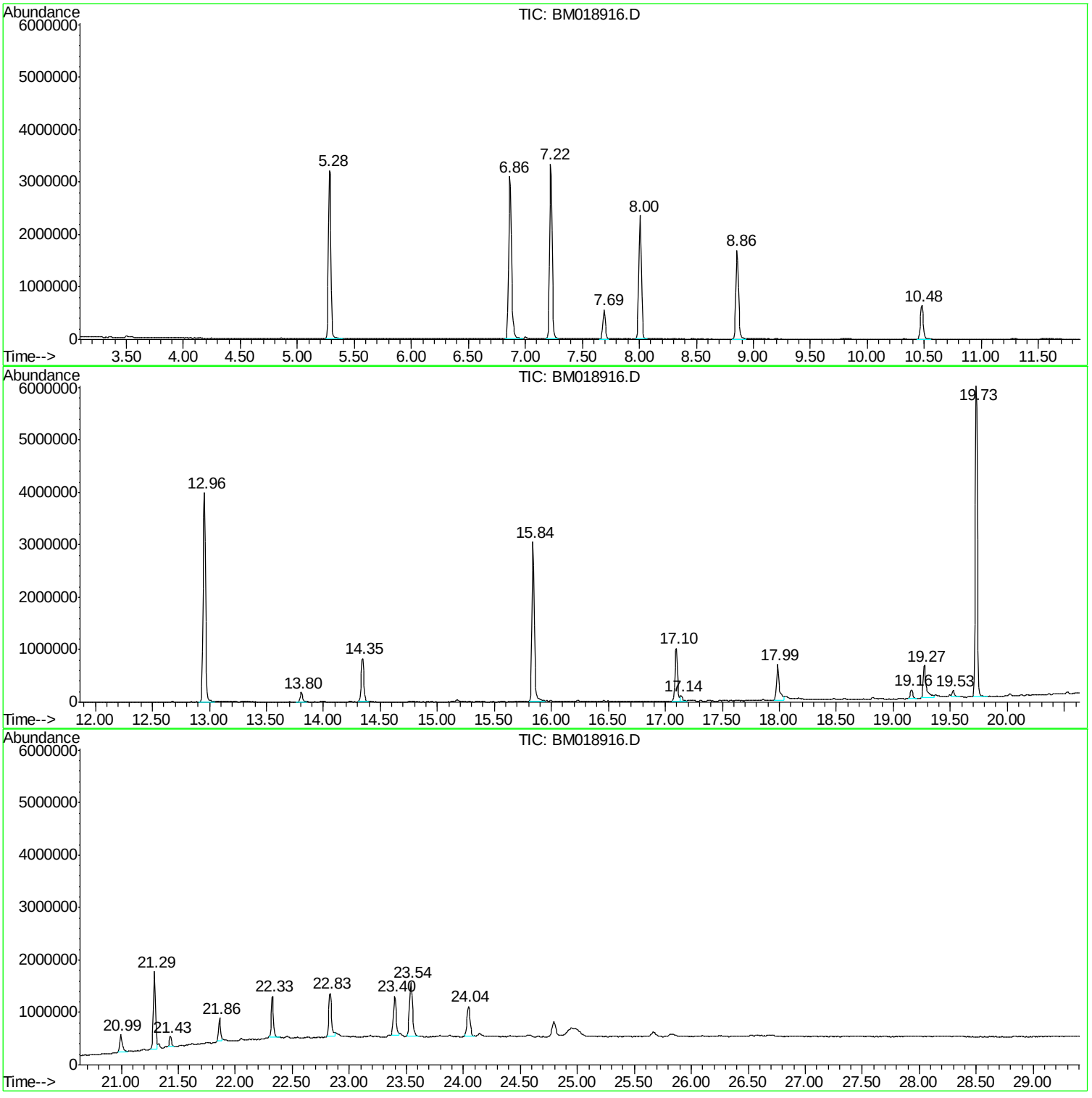
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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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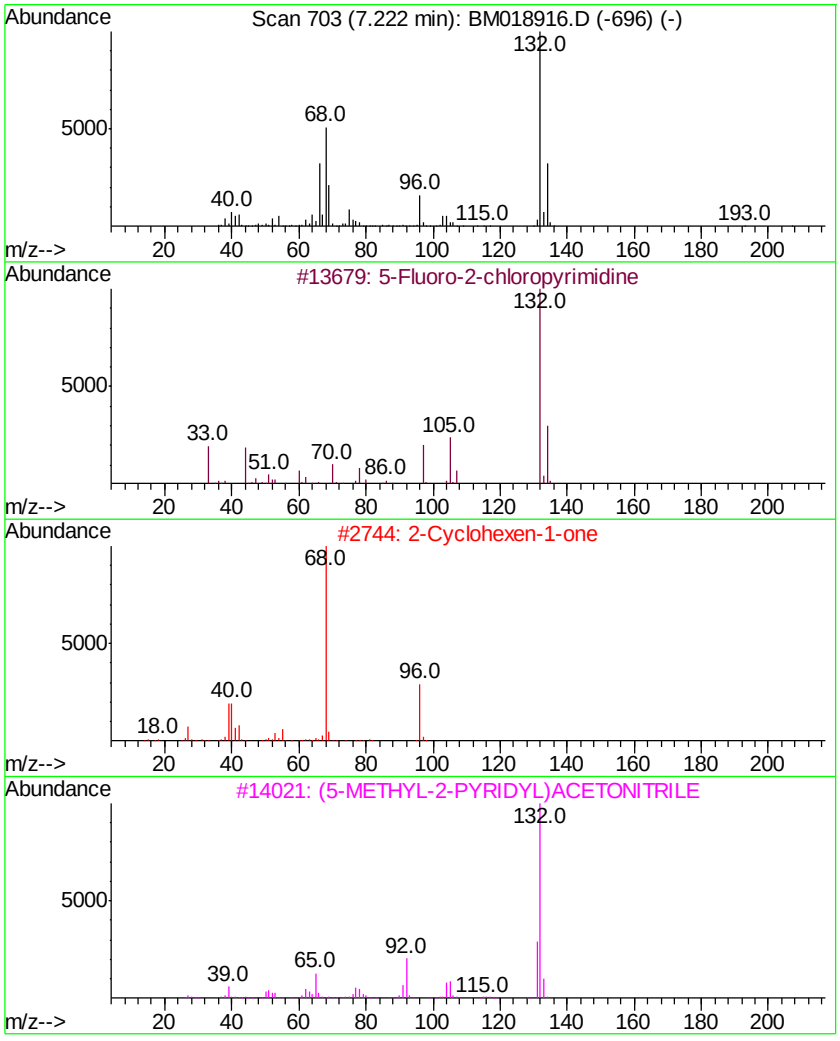
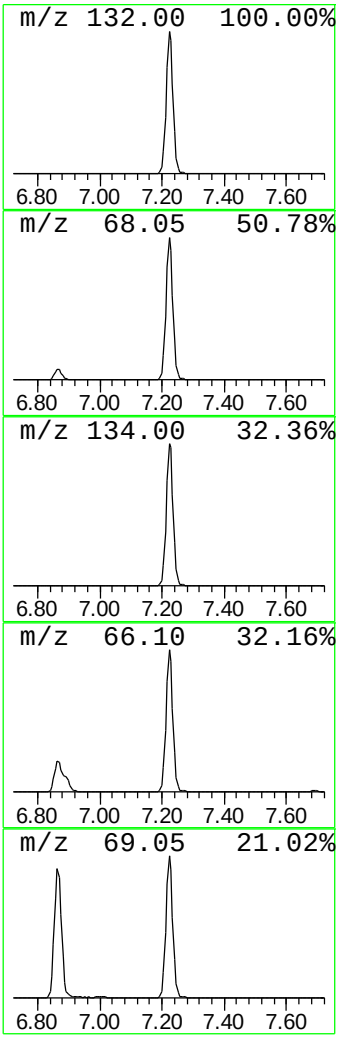
Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	116.79 ng	5235870	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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Bicyclo[3.1.0]hexan-3-one	96	C6H8O	001755-04-0	9
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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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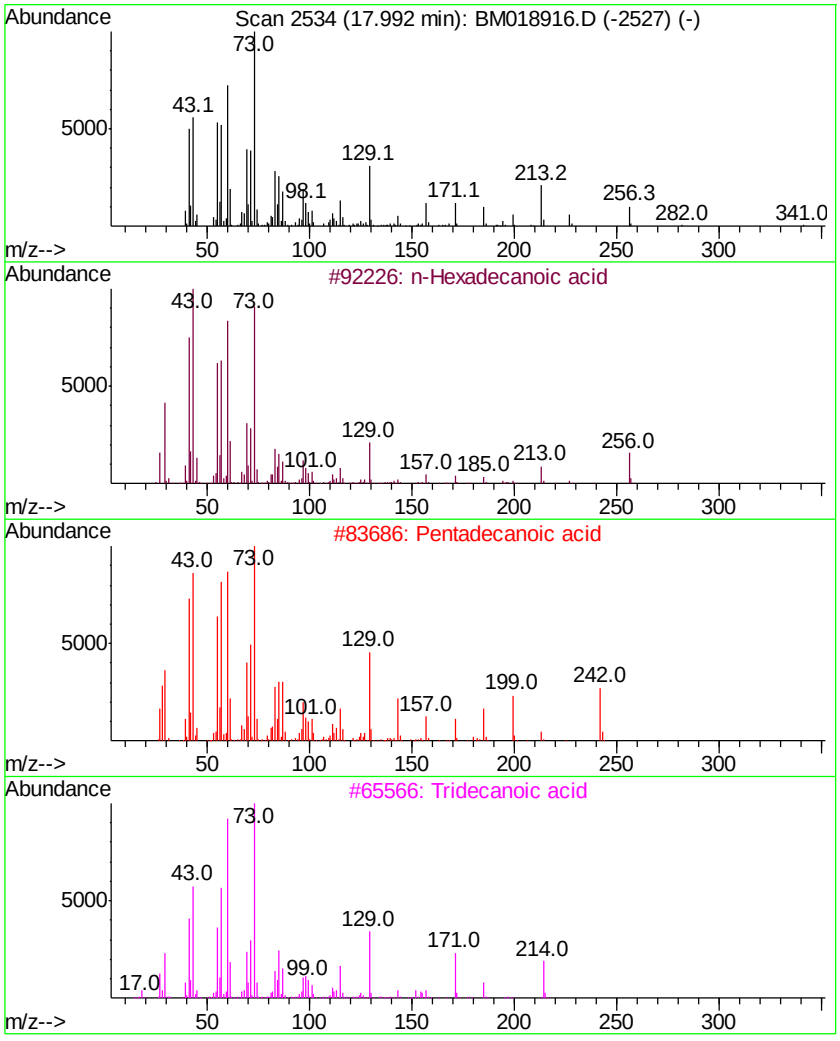
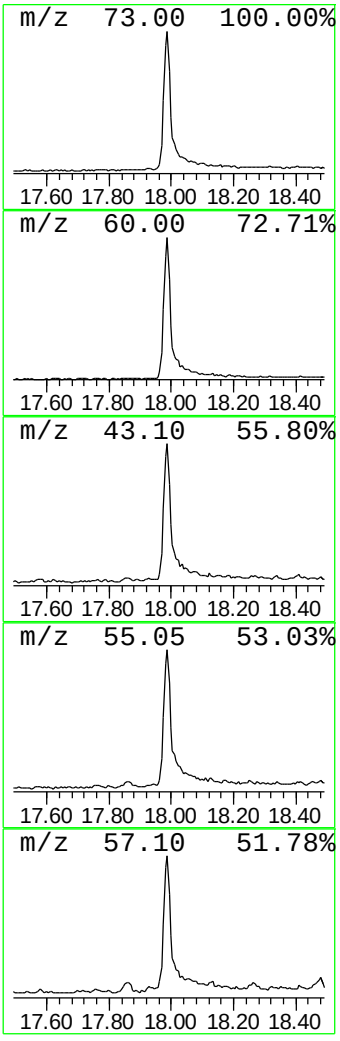
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	15.50 ng	1176190	Phenanthrene-d10	17.10

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	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	64
4	Eicosane	282	C20H42	000112-95-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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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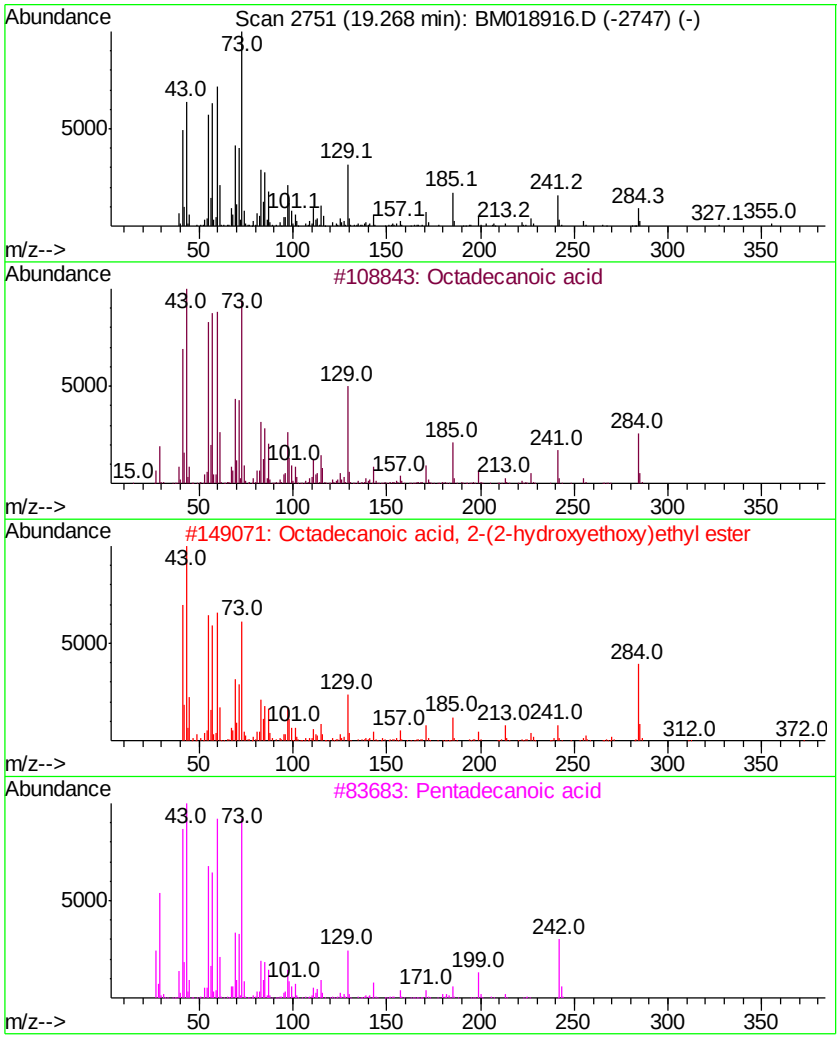
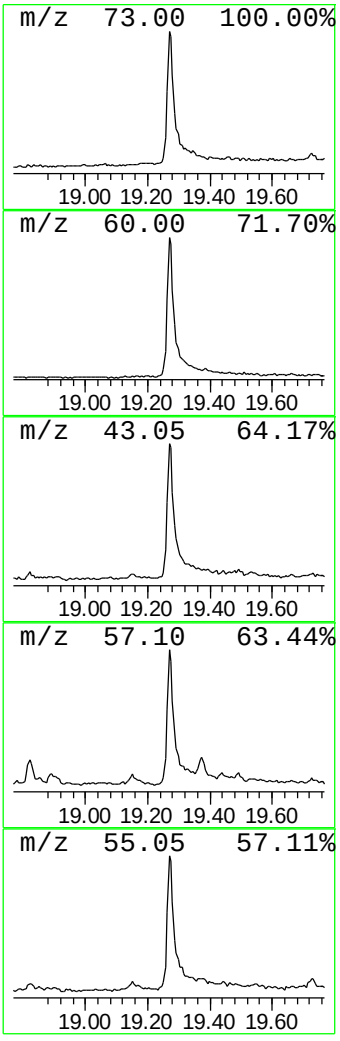
Peak Number 4 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	11.58 ng	1170570	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	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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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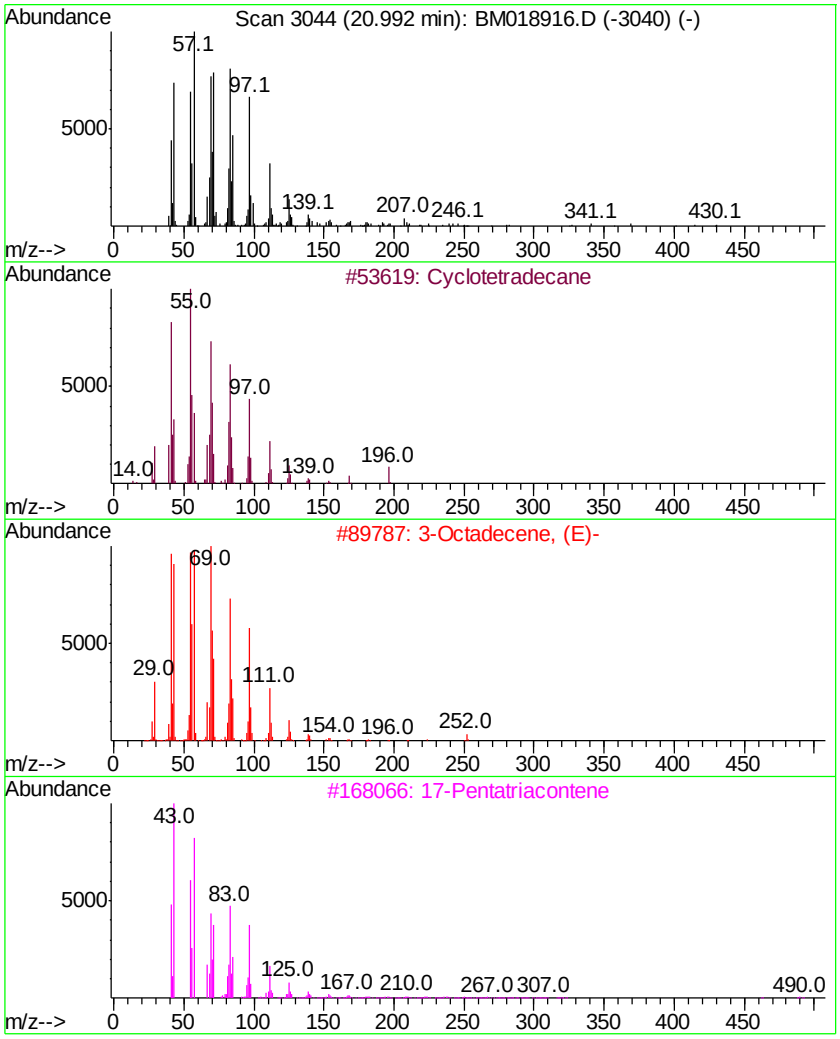
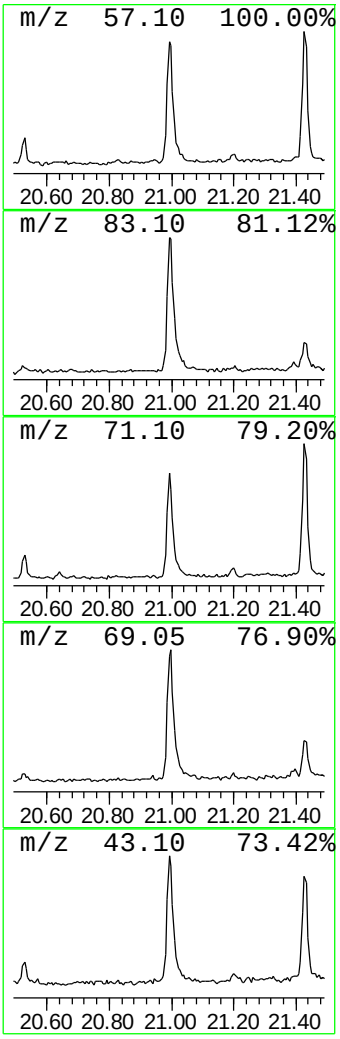
Peak Number 5 Cyclotetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.66 ng	572328	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	93
2	3-Octadecene, (E)-	252	C18H36	007206-19-1	93
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

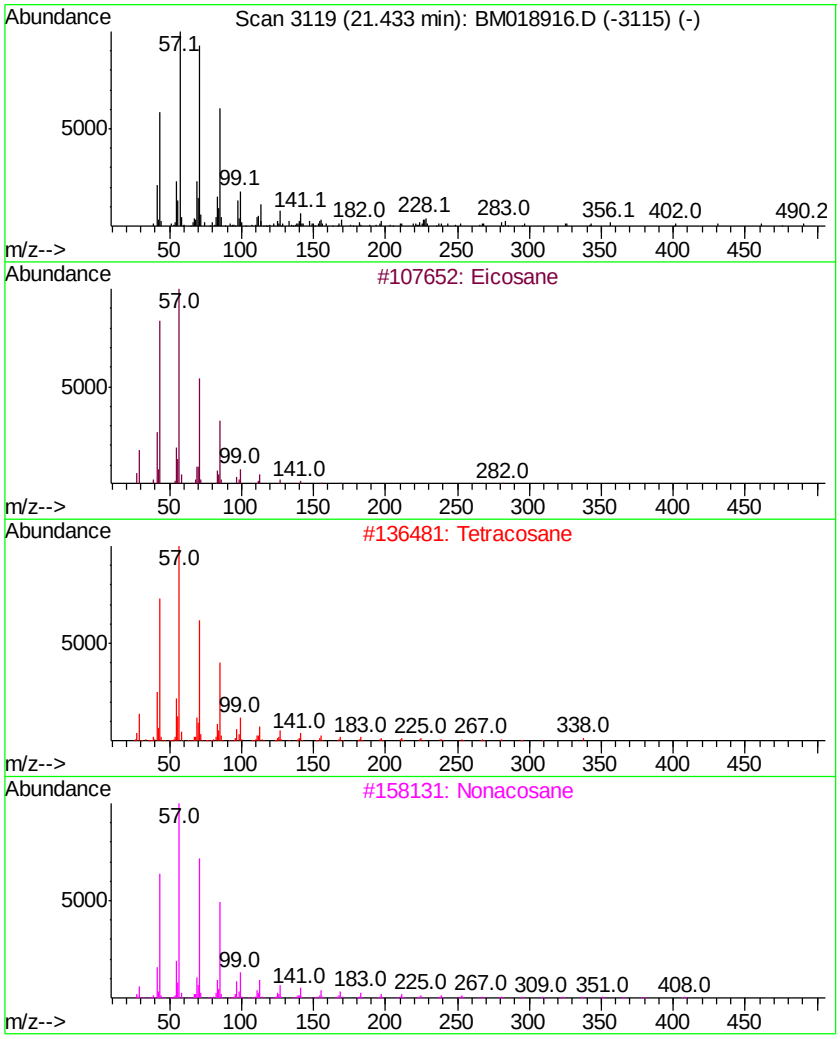
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

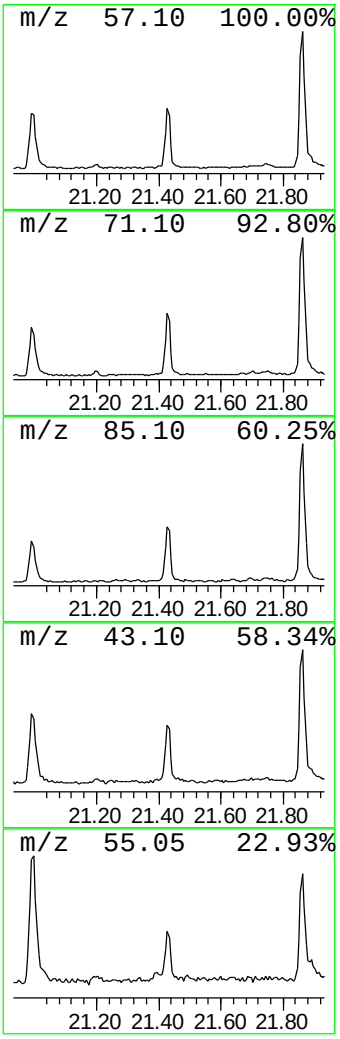
****

Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.35 ng	237793	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Tetracosane	338	C24H50	000646-31-1	91
3	Nonacosane	408	C29H60	000630-03-5	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	2-Thiopheneacetic acid, 4-tetrad...	338	C20H34O2S	1000280-67-0	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

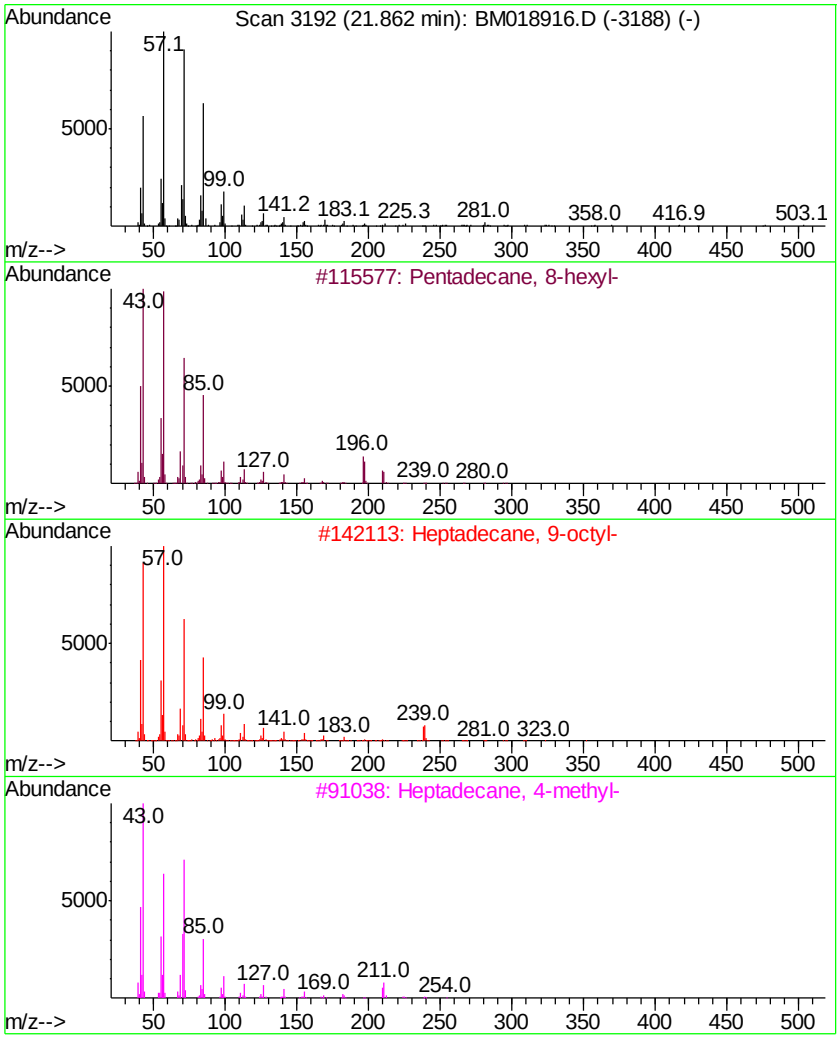
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

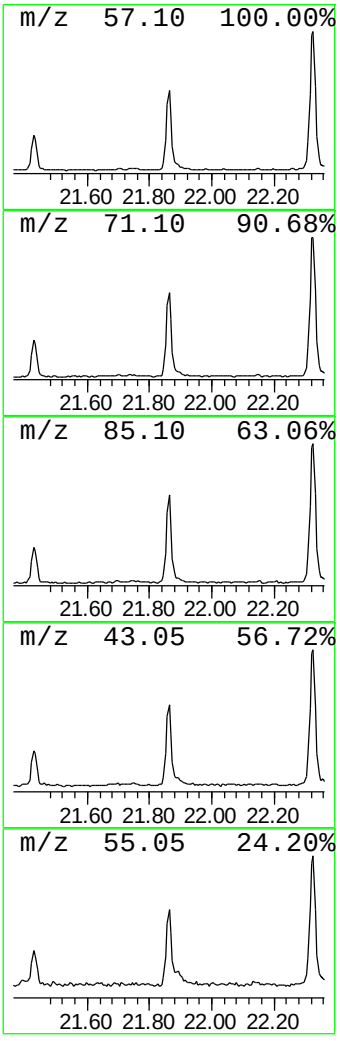
****

Peak Number 7 Pentadecane, 8-hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	5.28 ng	534028	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	90
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

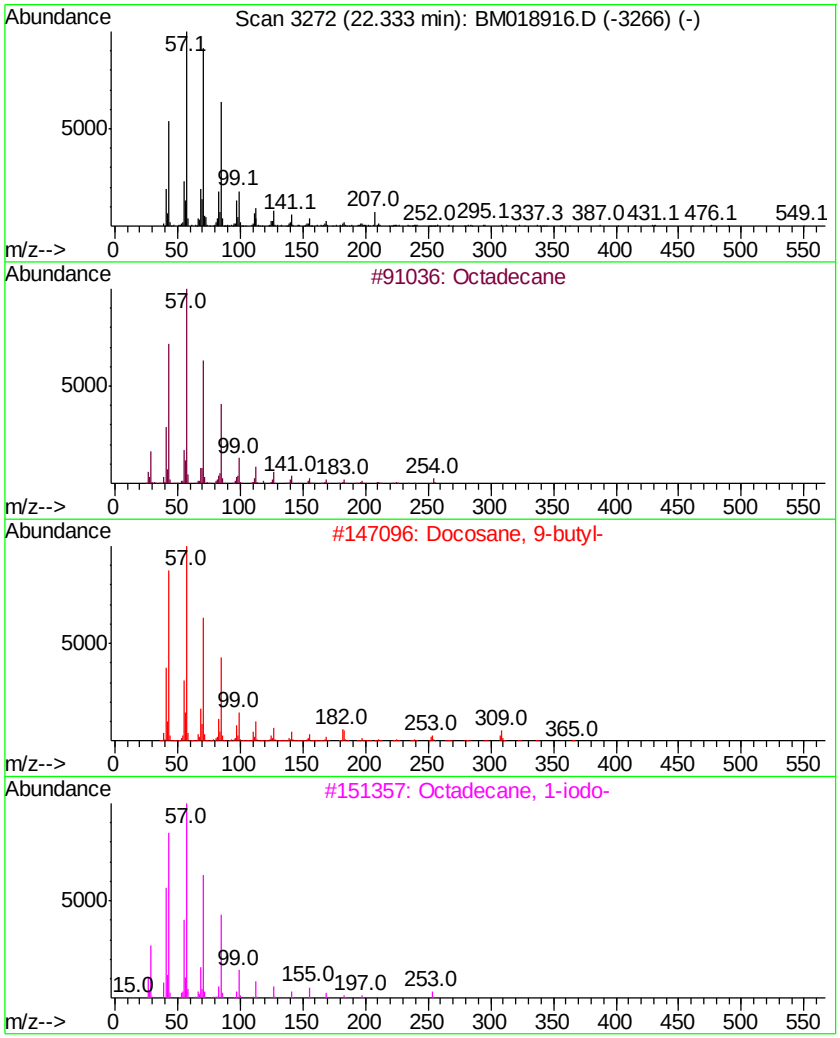
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

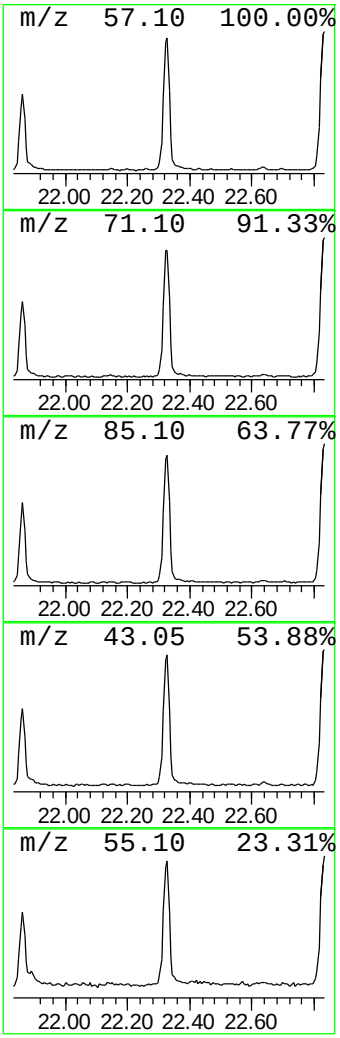
****

Peak Number 8 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	10.57 ng	1068620	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	92
2	Docosane, 9-butyl-	366	C26H54	055282-14-9	90
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	87
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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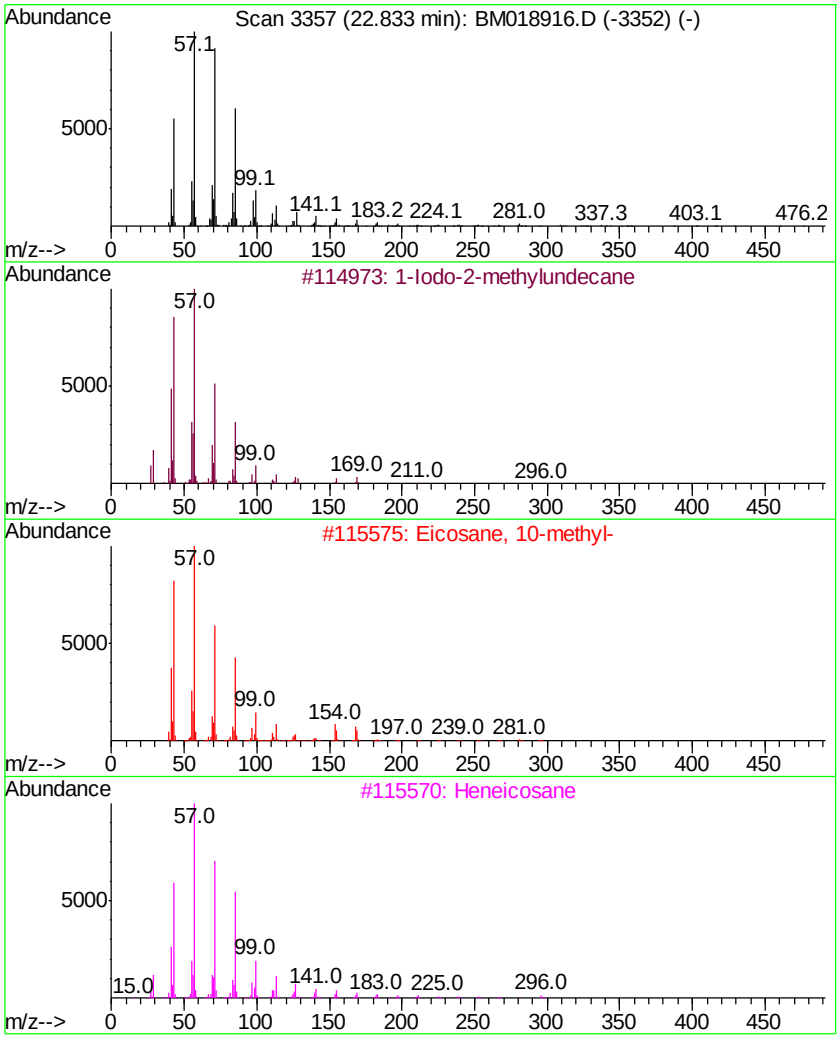
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

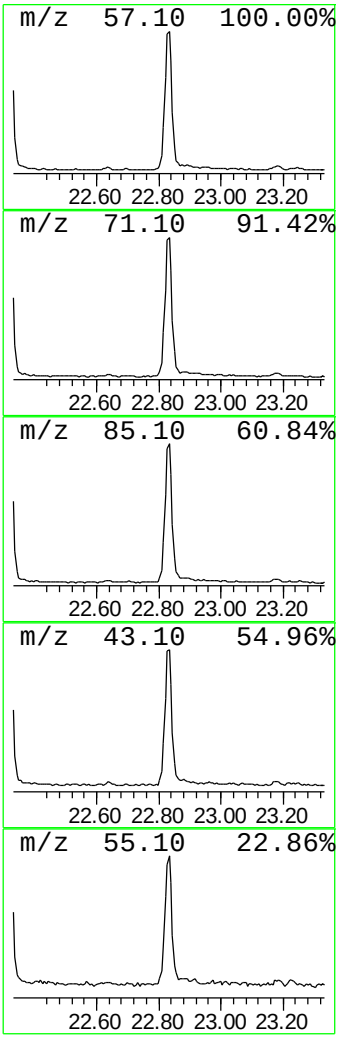
****

Peak Number 9 1-Iodo-2-methylundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.83	13.32 ng	1336470	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94
3	Heneicosane	296	C21H44	000629-94-7	93
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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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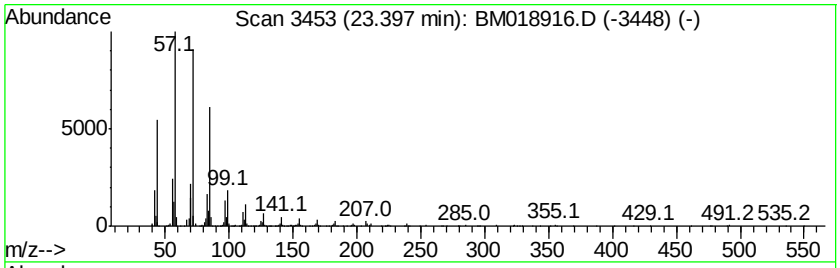
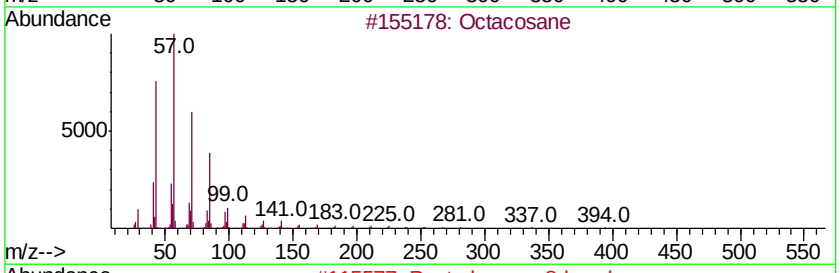
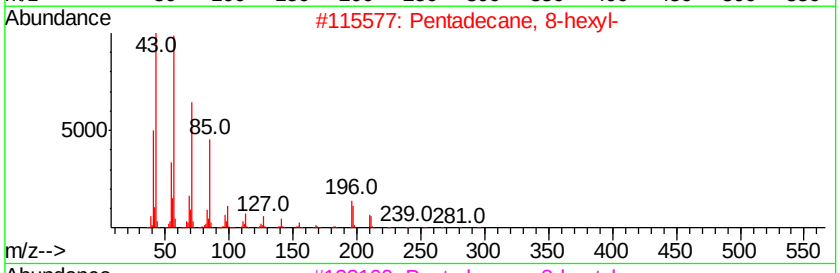
Peak Number 10 Octacosane Concentration Rank 5

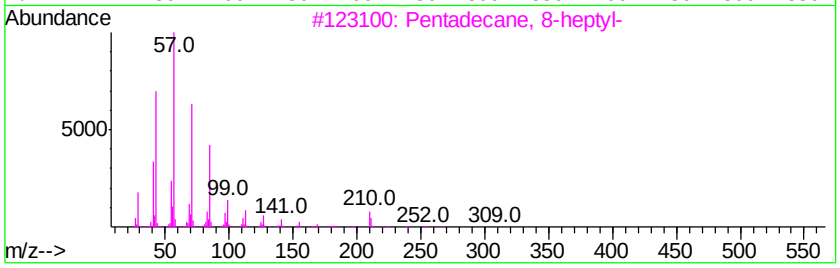
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	12.69 ng	1272960	Perylene-d12	23.54

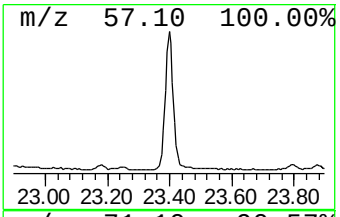
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
4	Heptacosane	380	C27H56	000593-49-7	87
5	Octadecane	254	C18H38	000593-45-3	87

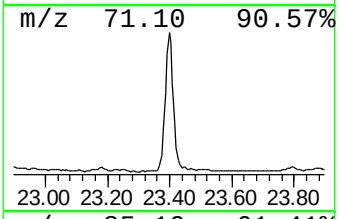


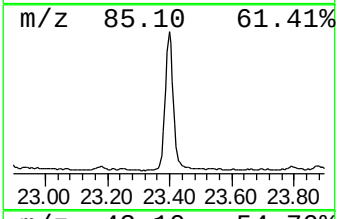


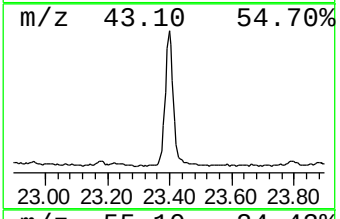


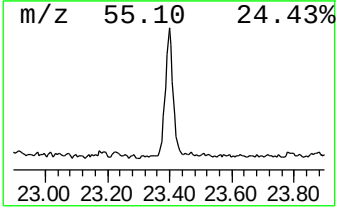












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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

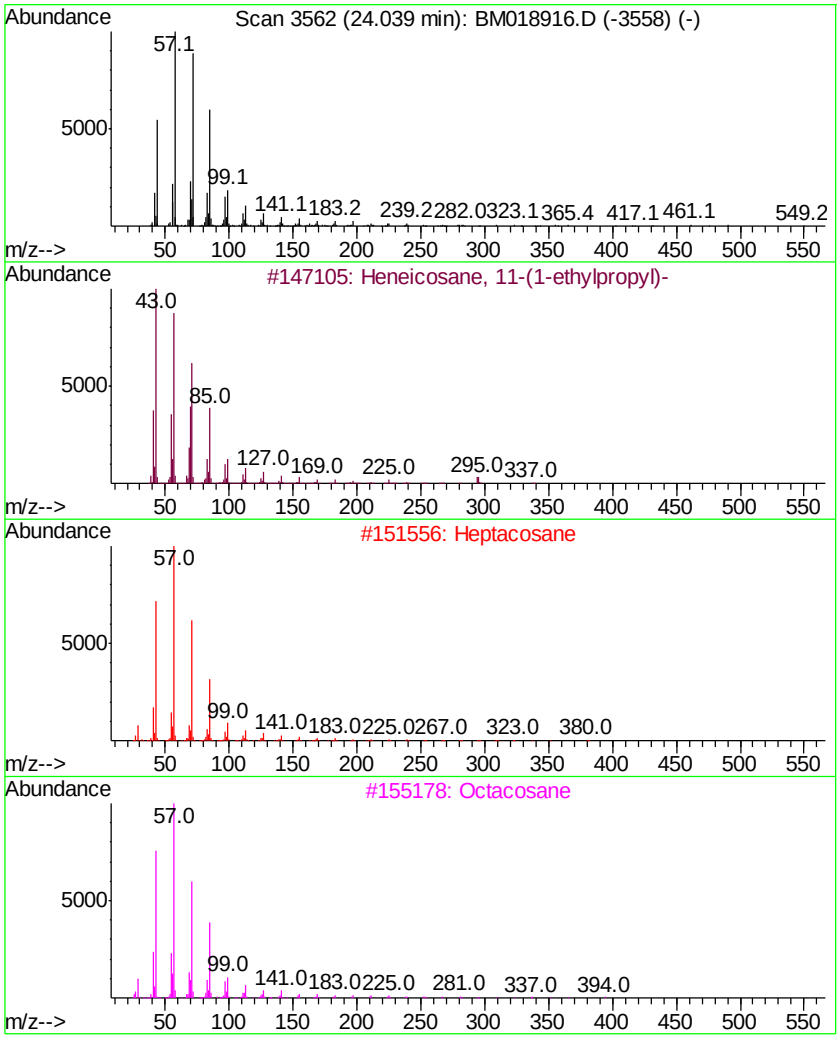
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

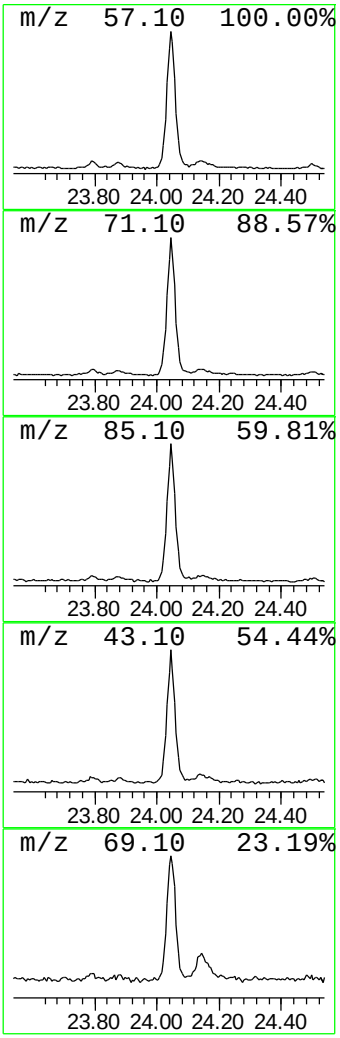
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	10.24 ng	1027520	Perylene-d12	23.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
2	Heptacosane	380	C27H56	000593-49-7	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Tridecane	184	C13H28	000629-50-5	87
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022519\
Data File : BM018916.D
Acq On : 25 Feb 2019 15:23
Operator : JU/SJ
Sample : K1595-07
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-MH-C02

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	116.8	ng	5235870	1	7.69	896656	20.0
n-Hexadecanoic acid	17.99	15.5	ng	1176190	4	17.10	1517560	20.0
Octadecanoic acid	19.27	11.6	ng	1170570	5	21.29	2021850	20.0
Cyclotetradecane	20.99	5.7	ng	572328	5	21.29	2021850	20.0
Eicosane	21.43	2.4	ng	237793	5	21.29	2021850	20.0
Pentadecane, 8-he...	21.86	5.3	ng	534028	5	21.29	2021850	20.0
Octadecane	22.33	10.6	ng	1068620	5	21.29	2021850	20.0
1-Iodo-2-methylun...	22.83	13.3	ng	1336470	6	23.54	2007000	20.0
Octacosane	23.40	12.7	ng	1272960	6	23.54	2007000	20.0
Heneicosane, 11-(...	24.04	10.2	ng	1027520	6	23.54	2007000	20.0