LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-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	5.281	366	373	388	rBV	6755487	9603601	64.91%	8.893%
2	6.863	634	642	661	rBV	6617604	10733256	72.54%	9.939%
3	7.216	695	702	716	rBV	6782283	10913934	73.76%	10.106%
4	7.681	775	781	789	rBV	1208127	1838331	12.42%	1.702%
5	7.998	828	835	848	rBV	4878365	7603025	51.39%	7.040%
6	8.851	971	980	1000	rBV	3797599	6381929	43.13%	5.910%
7	10.469	1247	1255	1274	rBV	1488643	2530150	17.10%	2.343%
8	12.951	1669	1677	1694	rBV	9345531	14007323	94.67%	12.971%
9	13.798	1815	1821	1831	rBV	398968	605558	4.09%	0.561%
10	14.333	1904	1912	1927	rBV2	2097613	3245389	21.93%	3.005%
11	15.833	2160	2167	2185	rBV	7628536	10532235	71.18%	9.753%
12	17.086	2374	2380	2386	rBV	2346776	3460360	23.39%	3.204%
13	17.980	2526	2532	2543	rBV	760382	1142852	7.72%	1.058%
14	19.262	2745	2750	2761	rBV	201104	352573	2.38%	0.326%
15	19.721	2822	2828	2841	rBV	12476529	14795650	100.00%	13.700%
16	20.515	2959	2963	2968	rBV	170692	190248	1.29%	0.176%
17	20.980	3038	3042	3054	rBV	1221492	1483748	10.03%	1.374%
18	21.280	3088	3093	3102	rBV	2311031	2942888	19.89%	2.725%
19	21.415	3113	3116	3122	rBV	317225	369324	2.50%	0.342%
20	21.850	3186	3190	3196	rBV	368522	498859	3.37%	0.462%
21	22.309	3264	3268	3275	rBV	427139	519493	3.51%	0.481%
22	22.815	3350	3354	3359	rVB	376589	513753	3.47%	0.476%
23	23.380	3446	3450	3456	rVB	307421	488606	3.30%	0.452%
24	23.527	3469	3475	3484	rVB2	1464754	2842872	19.21%	2.632%
25	24.027	3557	3560	3568	rVB	239147	397699	2.69%	0.368%

Sum of corrected areas: 107993656

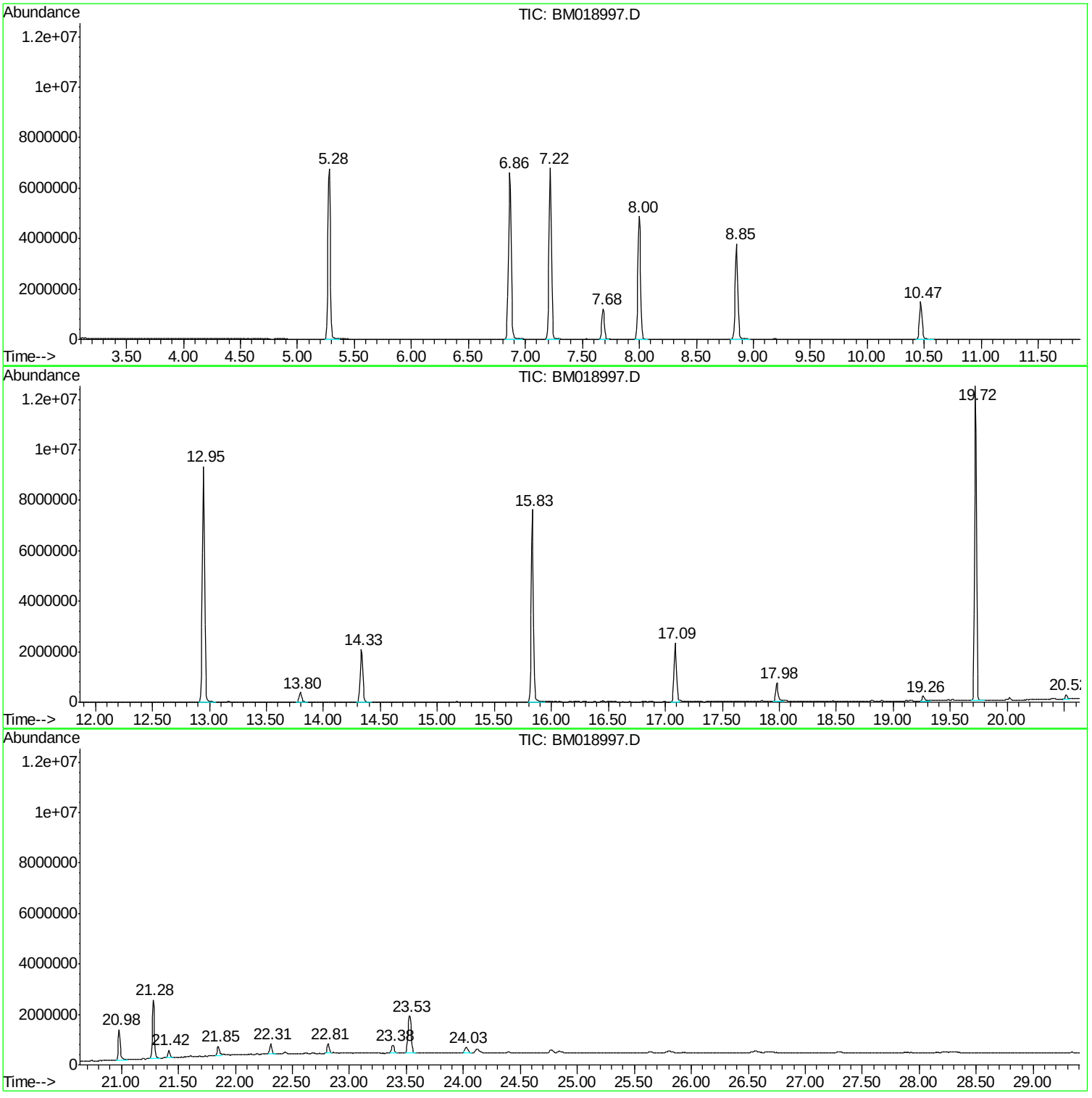
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-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 : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-B

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

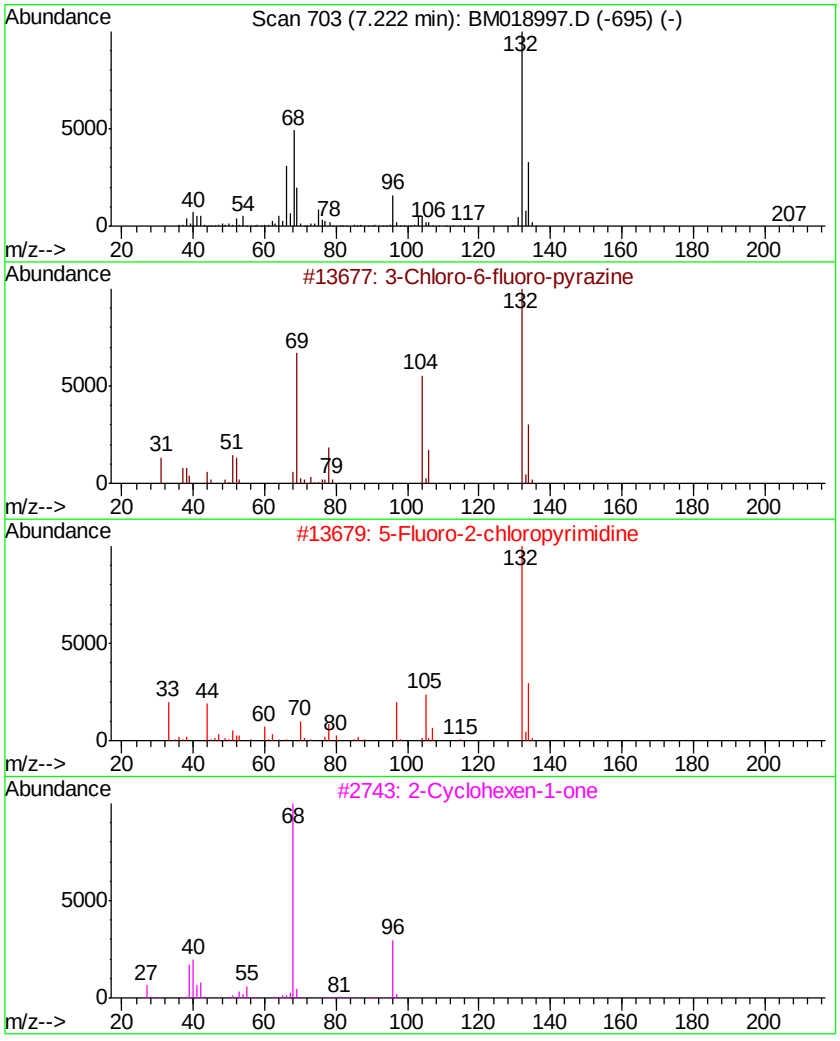
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

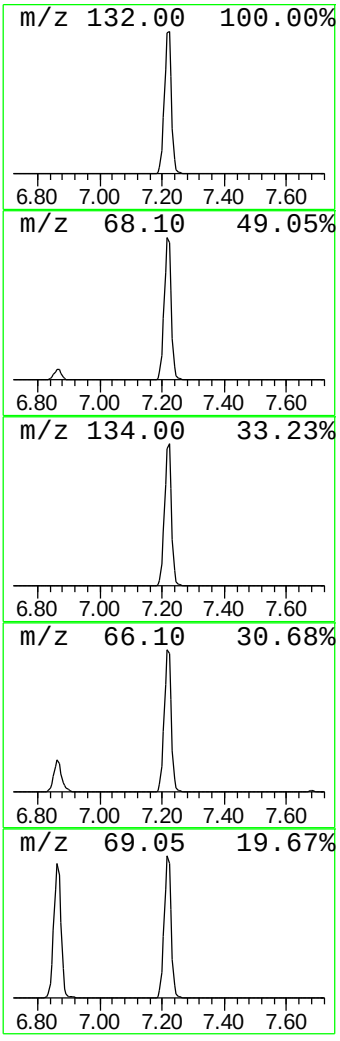
****

Peak Number 1 unknown7.22 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	118.74 ng	10913900	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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-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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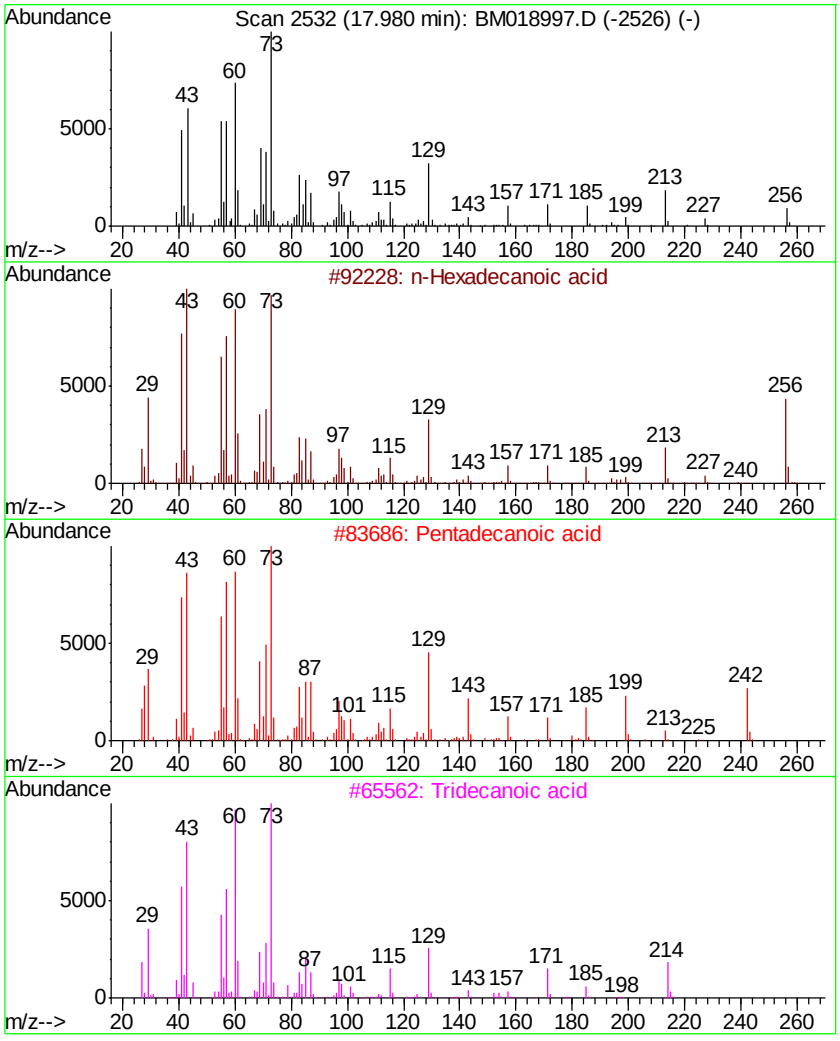
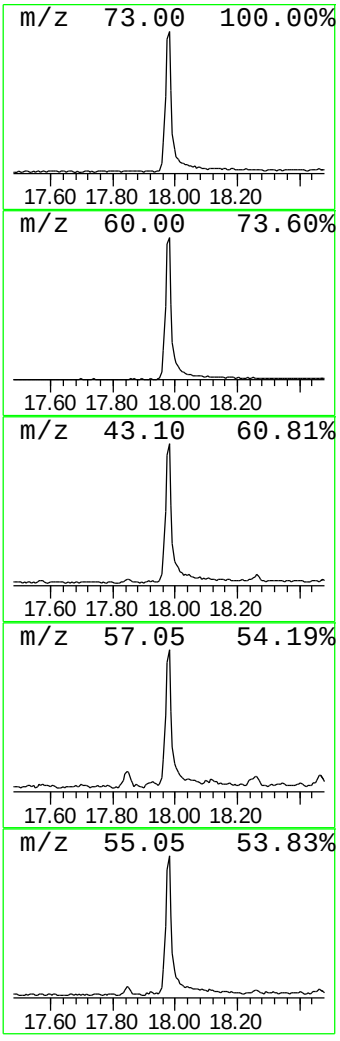
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	6.61 ng	1142850	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	74
4	Undecanoic acid	186	C11H22O2	000112-37-8	35
5	Tridecane	184	C13H28	000629-50-5	11





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-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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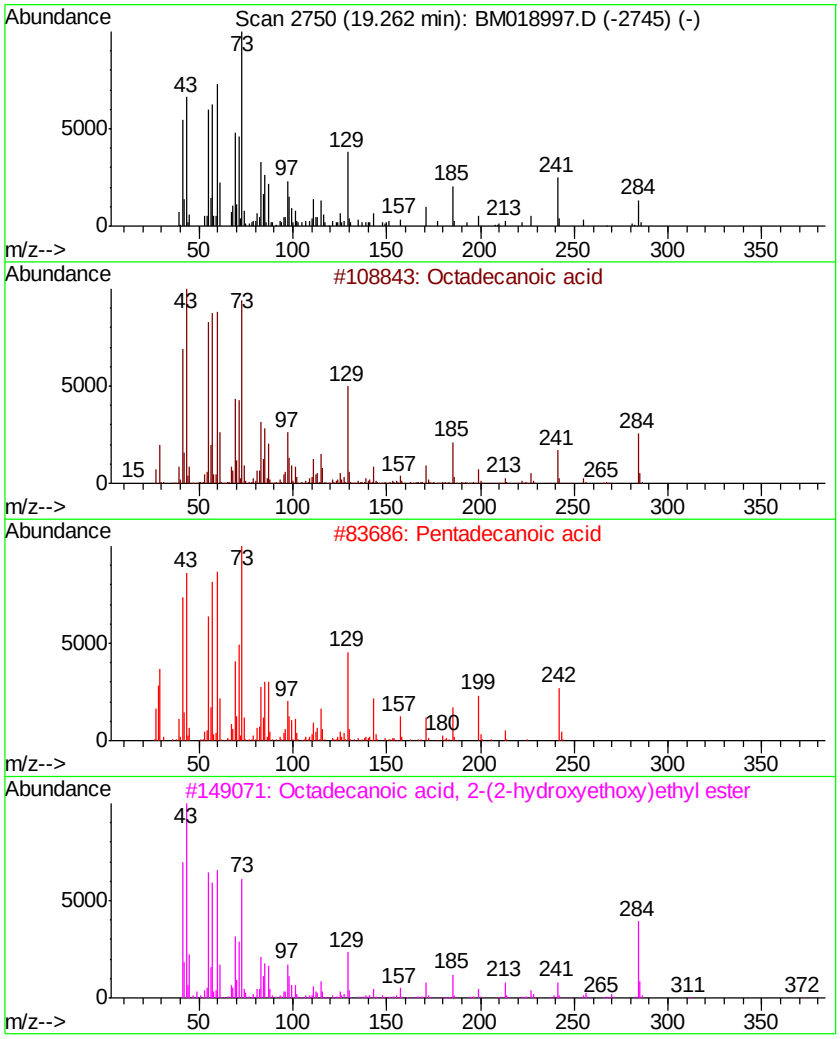
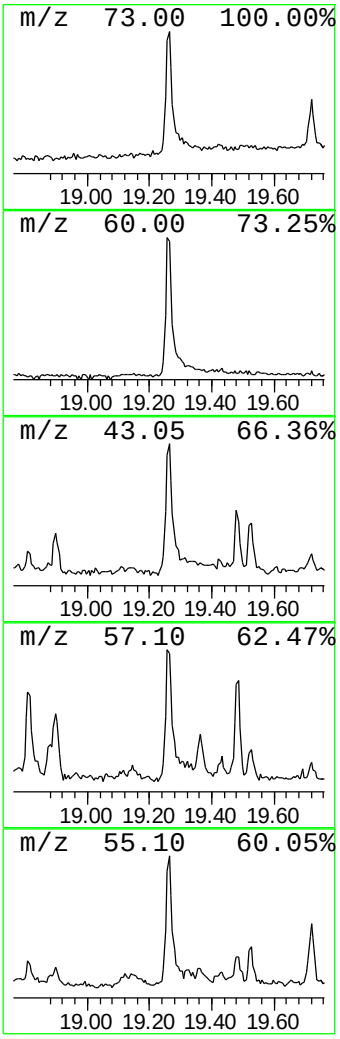
Peak Number 4 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	2.40 ng	352573	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	Eicosane	282	C20H42	000112-95-8	56





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-B

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

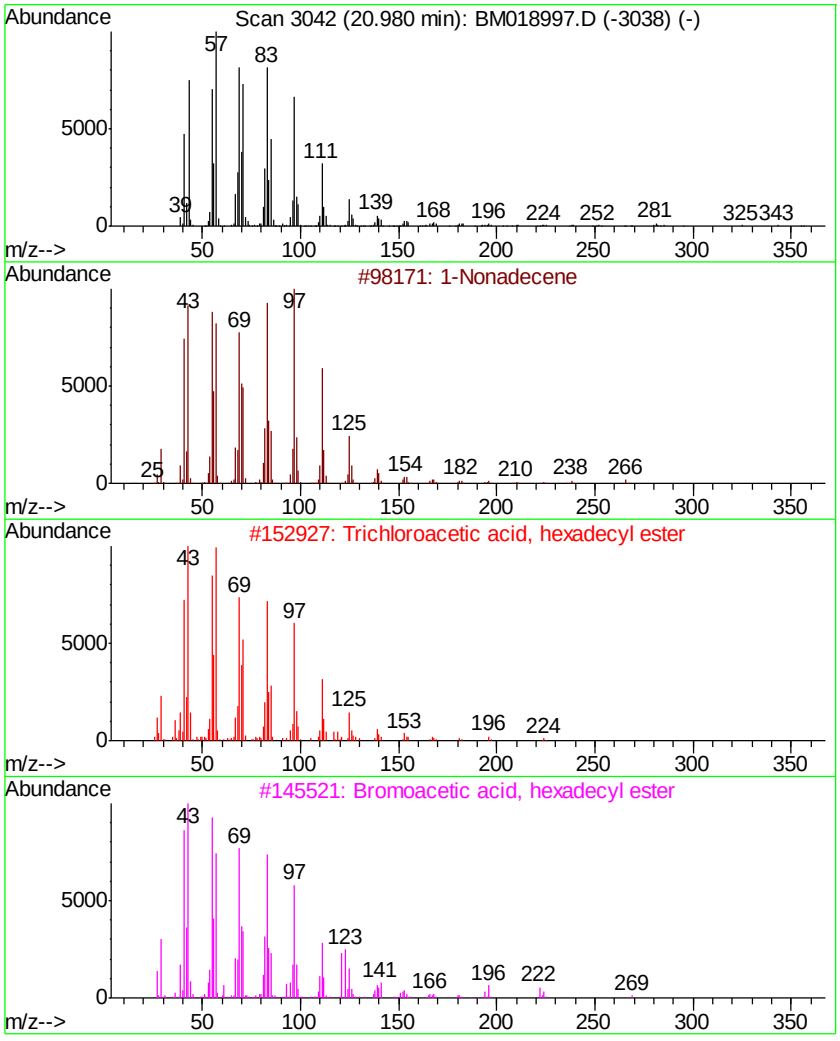
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

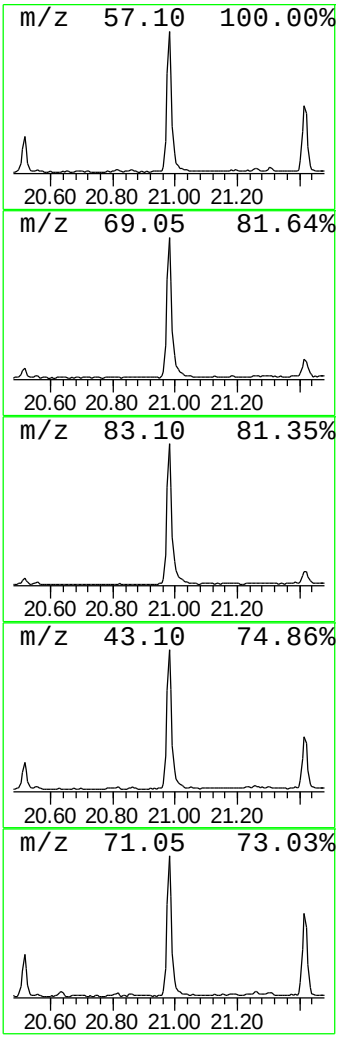
****

Peak Number 5 1-Nonadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.98	10.08 ng	1483750	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	83
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	83
5	1-Octadecanol	270	C18H38O	000112-92-5	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-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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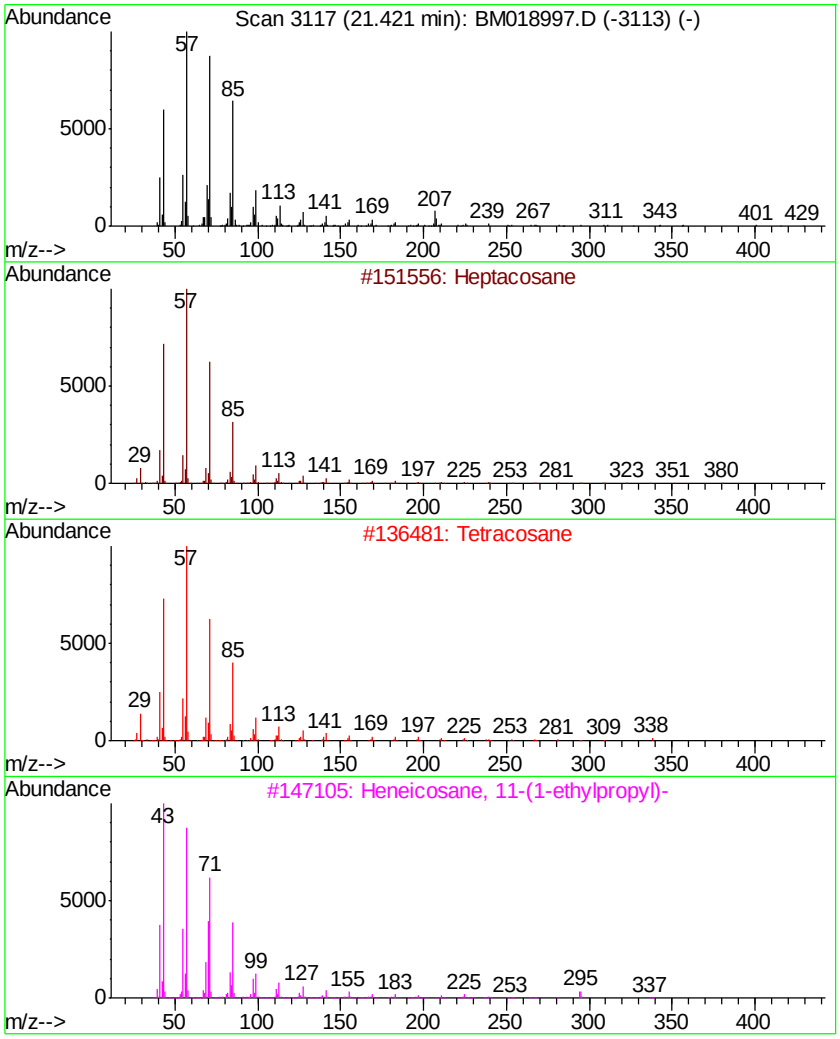
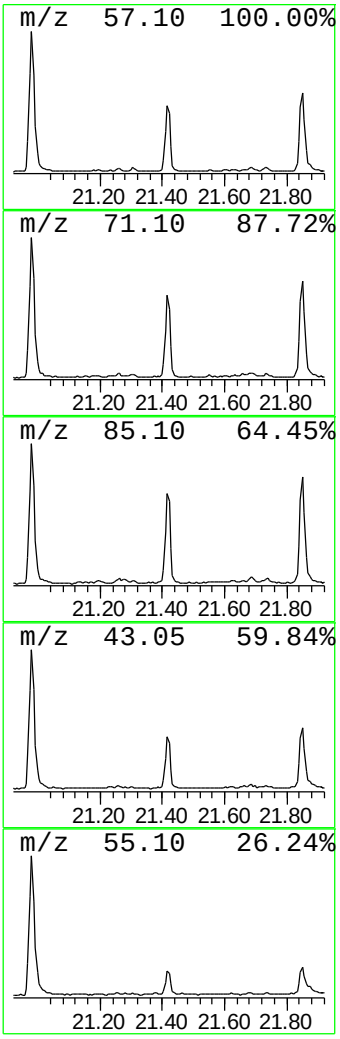
Peak Number 6 Heptacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.51 ng	369324	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	90





Library Search Compound Report

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Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-B

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

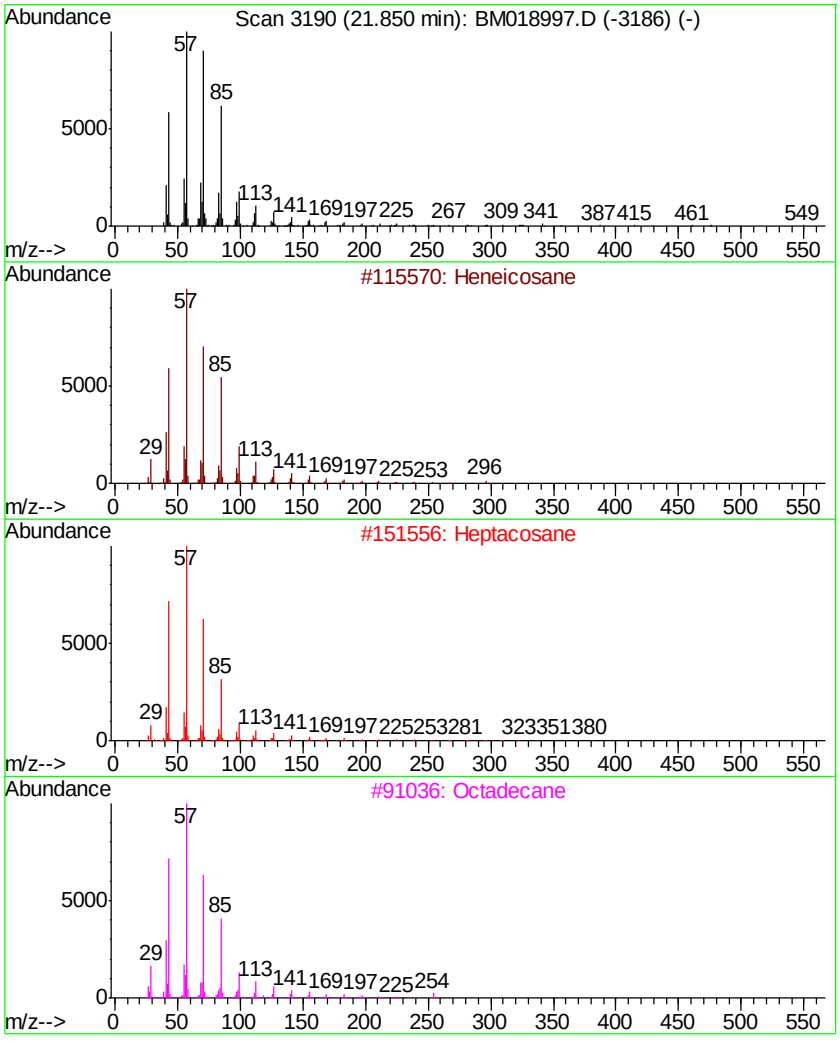
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

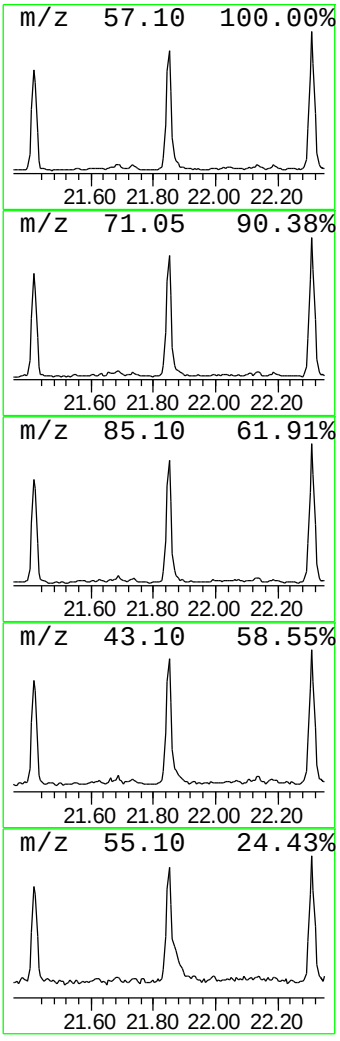
****

Peak Number 7 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.85	3.39 ng	498859	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	81
3	Octadecane	254	C18H38	000593-45-3	80
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	72
5	Tetratriacontane	479	C34H70	014167-59-0	53





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-B

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

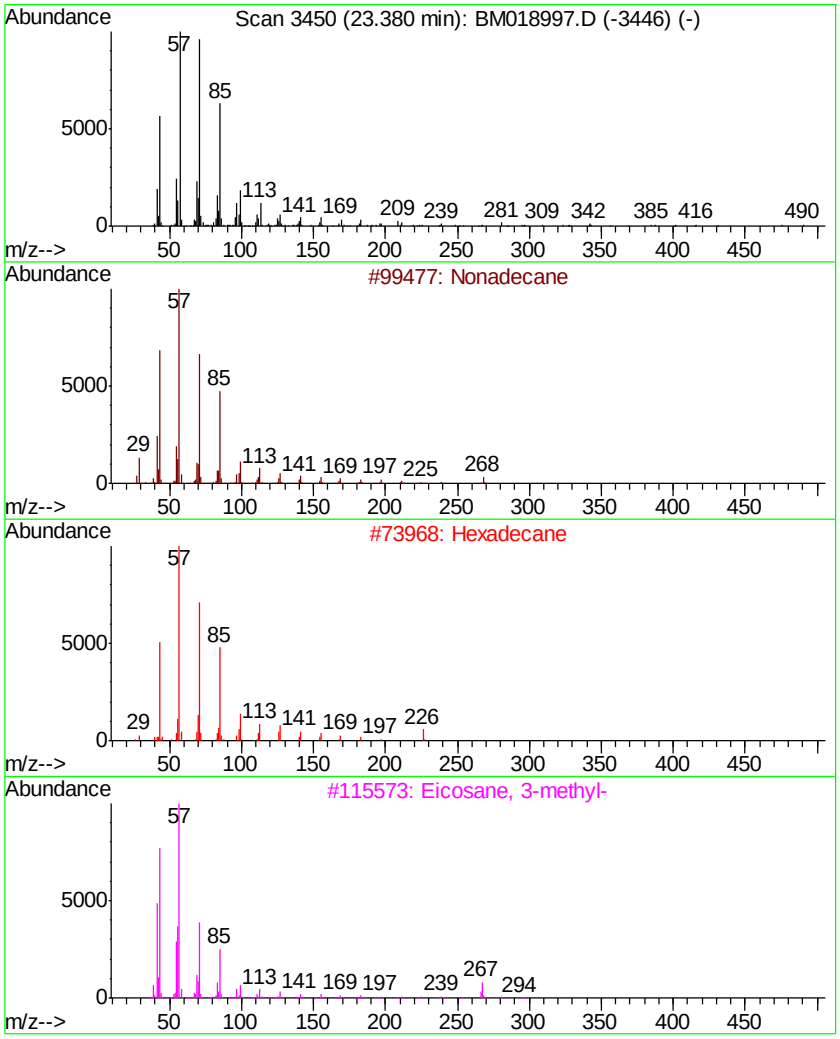
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

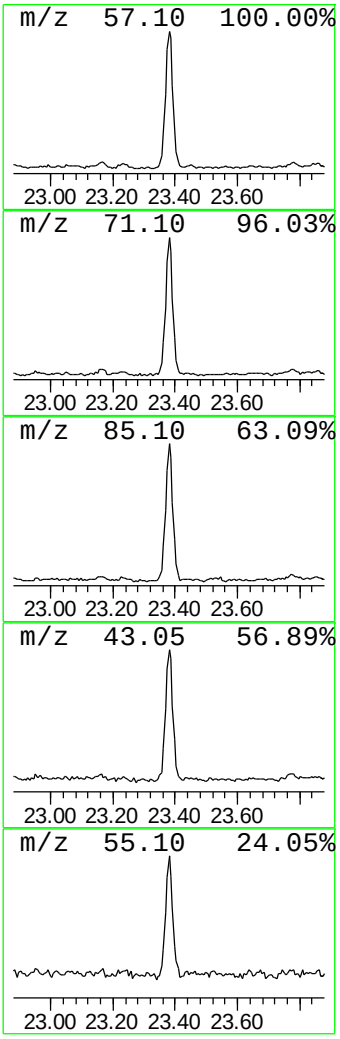
****

Peak Number 10 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.38	3.44 ng	488606	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Eicosane, 3-methyl-	296	C21H44	006418-46-8	81
4	Heptacosane	380	C27H56	000593-49-7	74
5	Octacosane	394	C28H58	000630-02-4	74





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Data File : BM018997.D
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Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
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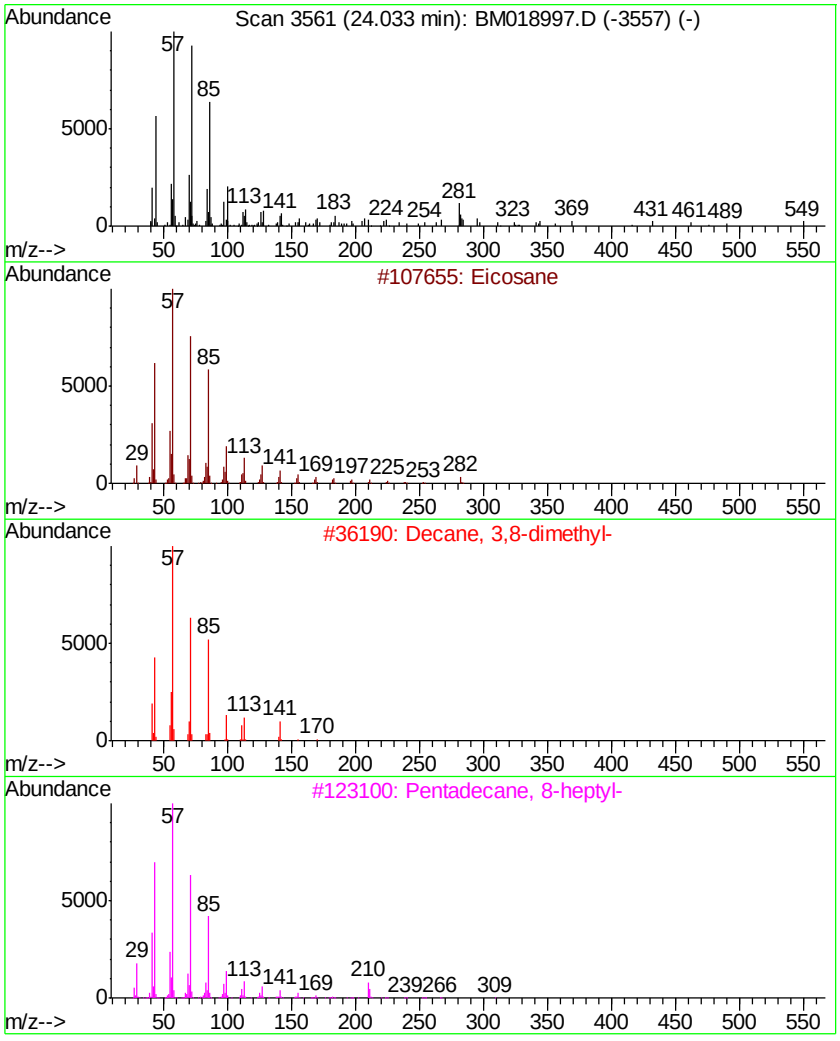
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

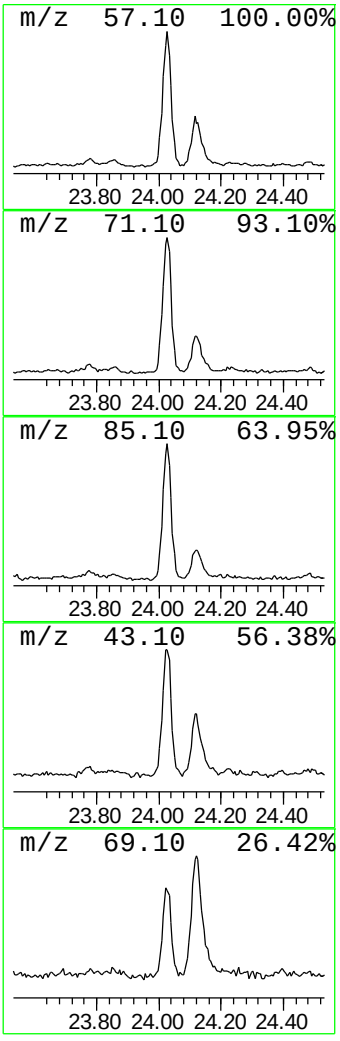
****

Peak Number 11 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	2.80 ng	397699	Perylene-d12	23.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030119\
Data File : BM018997.D
Acq On : 01 Mar 2019 21:20
Operator : JU/SJ
Sample : K1675-33
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : Z-3-13-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	118.7	ng	10913900	1	7.68	1838330	20.0
n-Hexadecanoic acid	17.98	6.6	ng	1142850	4	17.09	3460360	20.0
Octadecanoic acid	19.26	2.4	ng	352573	5	21.28	2942890	20.0
1-Nonadecene	20.98	10.1	ng	1483750	5	21.28	2942890	20.0
Heptacosane	21.42	2.5	ng	369324	5	21.28	2942890	20.0
Heneicosane	21.85	3.4	ng	498859	5	21.28	2942890	20.0
Nonadecane	23.38	3.4	ng	488606	6	23.53	2842870	20.0
Eicosane	24.03	2.8	ng	397699	6	23.53	2842870	20.0