LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

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-BM082019.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	5.181	368	373	384	rBV	355456	506570	11.70%	2.450%
2	6.758	635	641	657	rBV	207089	349380	8.07%	1.690%
3	7.105	693	700	712	rBV	766685	1176990	27.18%	5.693%
4	7.569	773	779	787	rBB	153174	227690	5.26%	1.101%
5	7.881	825	832	842	rBB	763257	1161784	26.83%	5.619%
6	8.740	971	978	999	rBV	527158	908266	20.97%	4.393%
7	10.346	1245	1251	1268	rBB	158963	286037	6.60%	1.383%
8	12.834	1667	1674	1697	rBB	1662221	2414579	55.75%	11.679%
9	14.228	1905	1911	1922	rBV	271172	400508	9.25%	1.937%
10	15.733	2161	2167	2181	rBV	1638974	2161773	49.91%	10.456%
11	16.992	2375	2381	2392	rBV	321048	460936	10.64%	2.229%
12	17.880	2526	2532	2544	rBV	64506	105002	2.42%	0.508%
13	19.339	2775	2780	2786	rBV	166656	192999	4.46%	0.933%
14	19.633	2824	2830	2836	rBV	3765110	4157435	95.99%	20.108%
15	20.339	2940	2950	2963	rBV	2901720	4330962	100.00%	20.948%
16	20.433	2963	2966	2976	rVB	145394	187262	4.32%	0.906%
17	20.904	3042	3046	3052	rBV5	40620	66930	1.55%	0.324%
18	21.198	3091	3096	3102	rBV	405899	507987	11.73%	2.457%
19	21.298	3109	3113	3116	rBV	38609	52766	1.22%	0.255%
20	22.221	3265	3270	3280	rVB2	264994	355883	8.22%	1.721%
21	22.327	3284	3288	3293	rVB	162416	198402	4.58%	0.960%
22	23.398	3464	3470	3479	rBV	244853	465121	10.74%	2.250%

Sum of corrected areas: 20675262

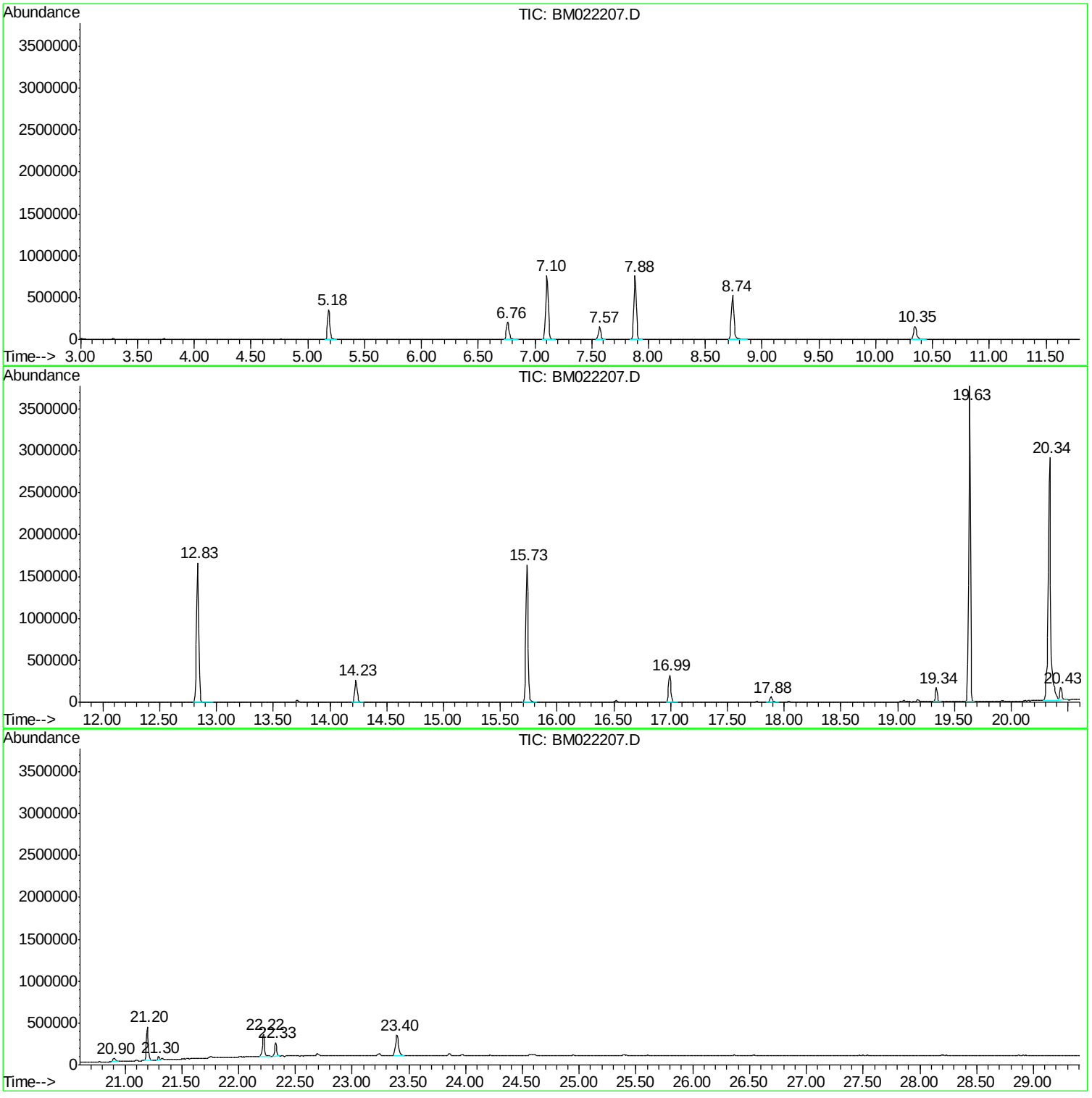
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.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\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

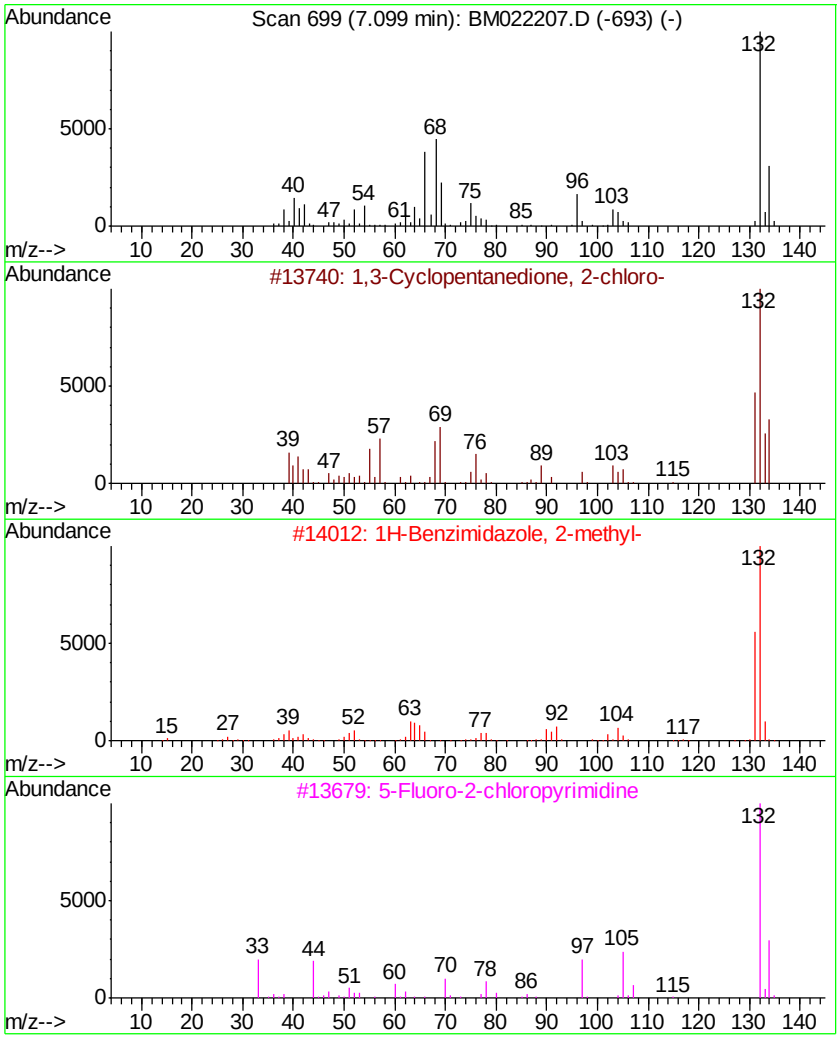
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

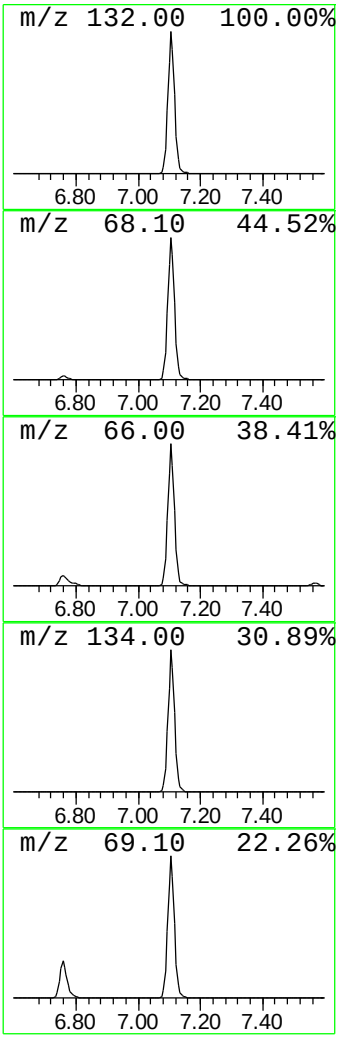
****

Peak Number 1 unknown7.10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	103.39 ng	1176990	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	38
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	27
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

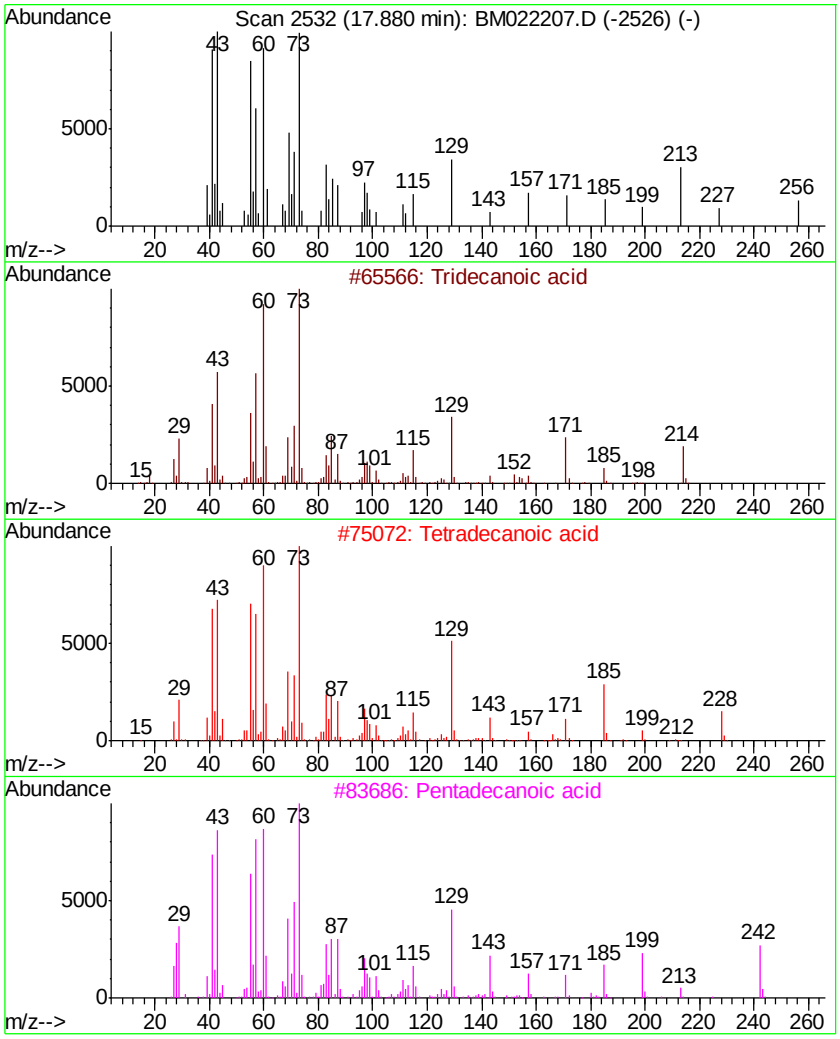
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

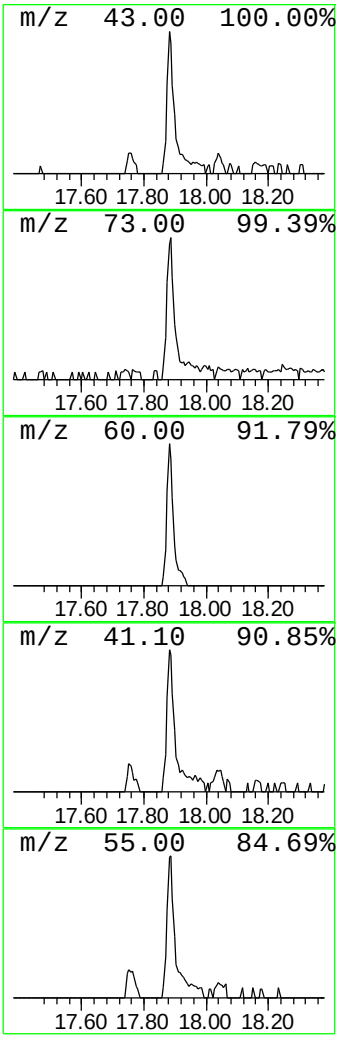
****

Peak Number 3 Tridecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	4.56 ng	105002	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	72
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	59
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

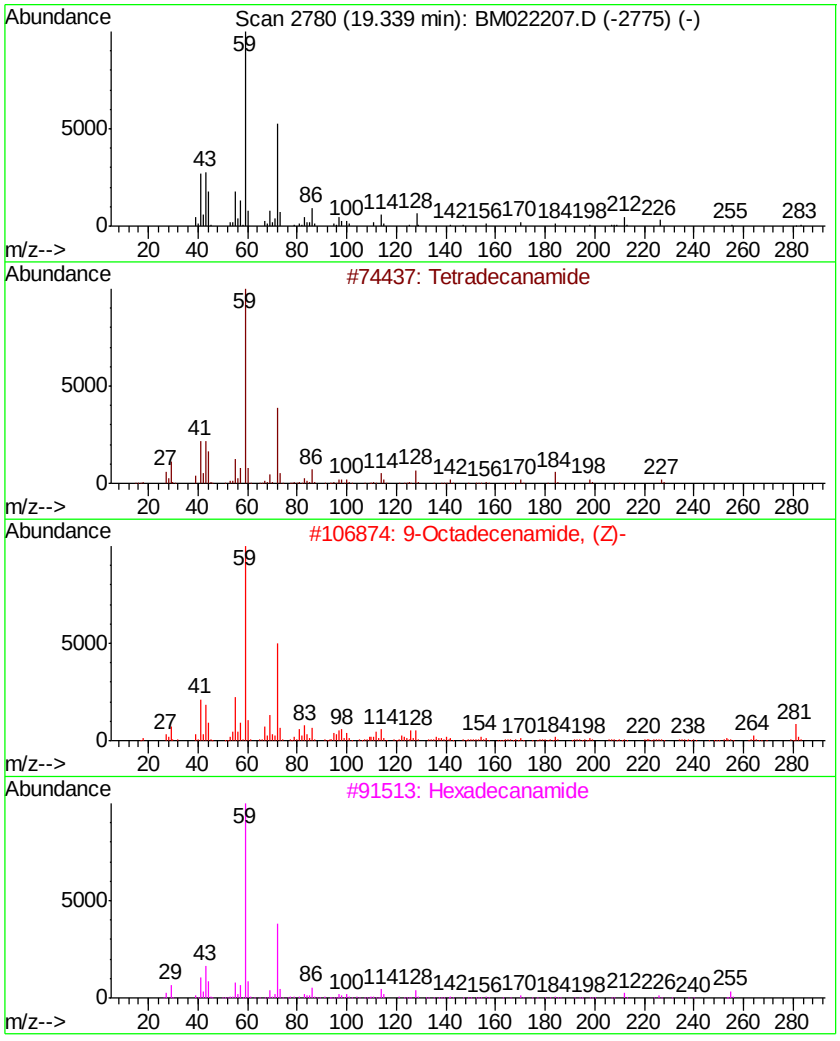
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

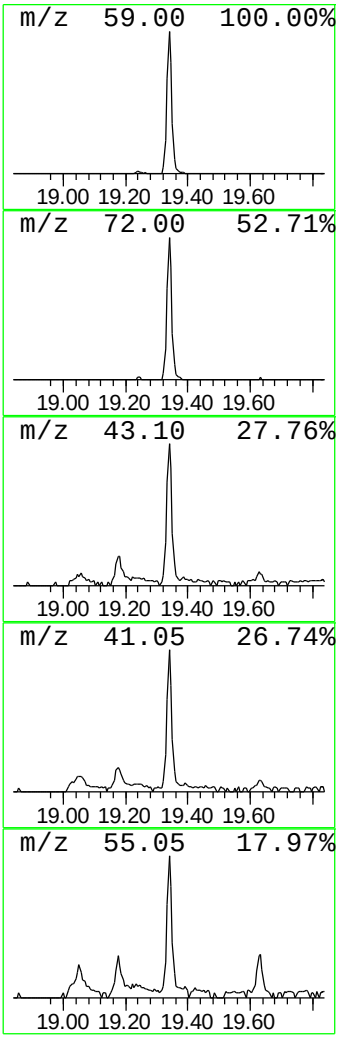
****

Peak Number 4 Hexadecanamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	7.60 ng	192999	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	86
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
3	Hexadecanamide	255	C16H33NO	000629-54-9	72
4	Octadecanamide	283	C18H37NO	000124-26-5	64
5	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

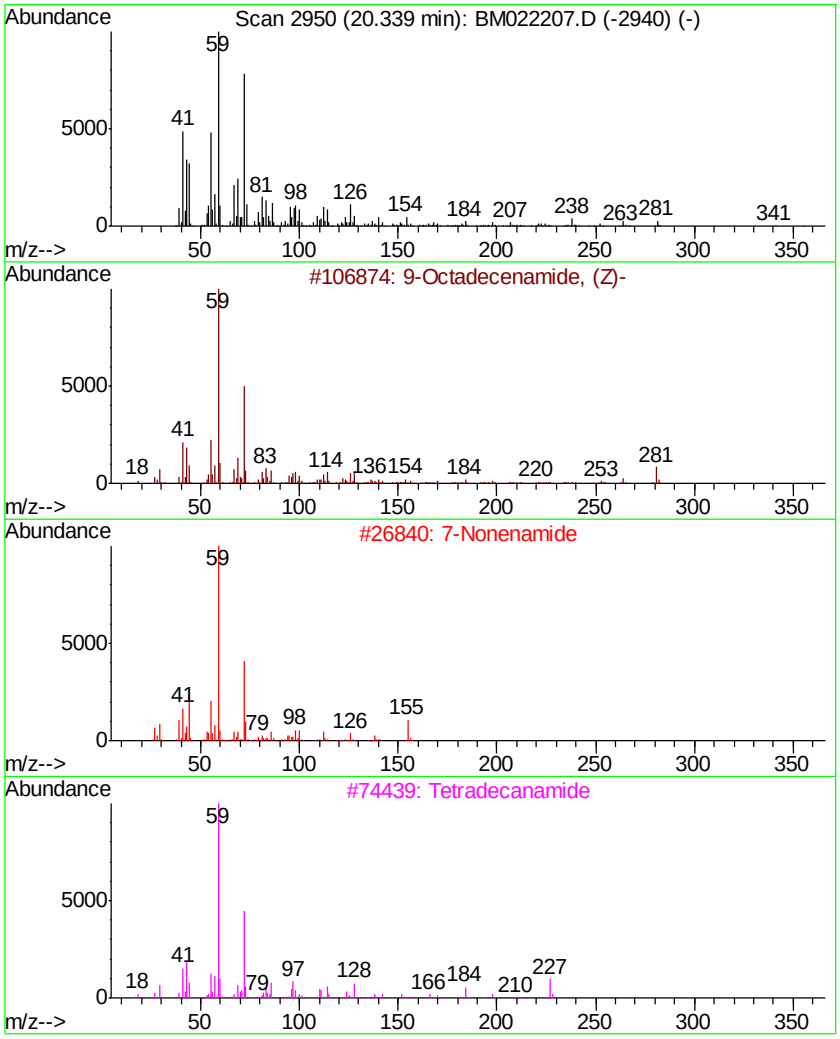
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

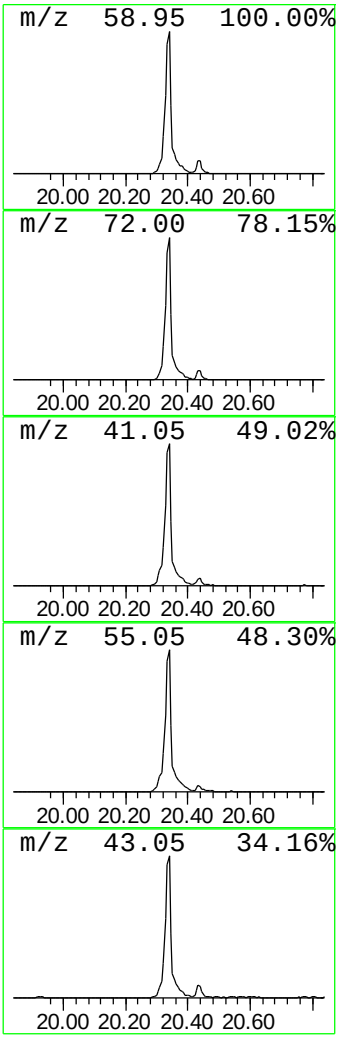
****

Peak Number 5 9-Octadecenamide, (Z)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.34	170.52 ng	4330960	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	94
2	7-Nonenamide	155	C9H17NO	090949-53-4	47
3	Tetradecanamide	227	C14H29NO	000638-58-4	43
4	Octanamide	143	C8H17NO	000629-01-6	38
5	Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	38





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

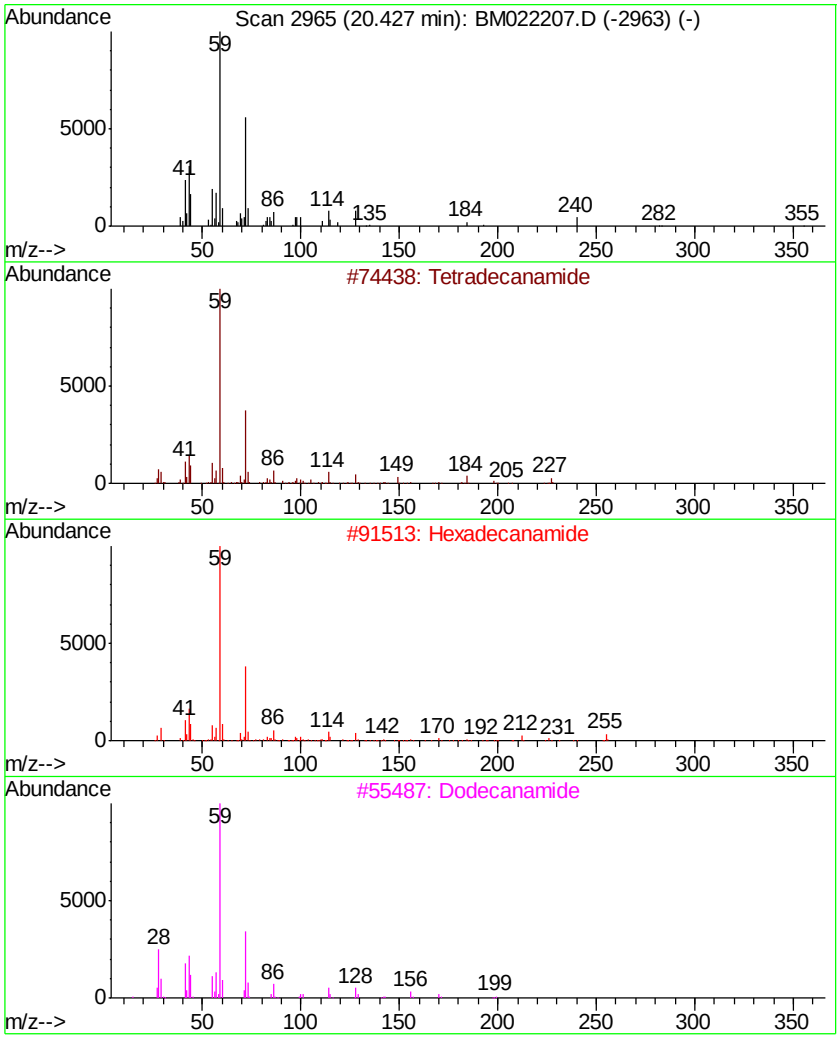
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

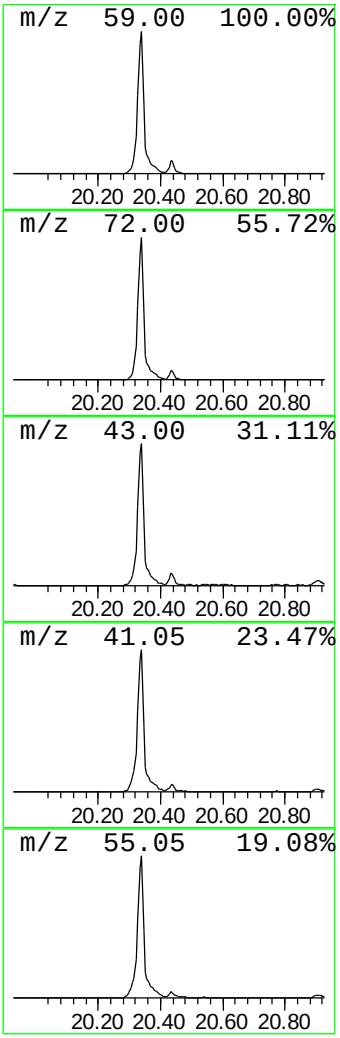
****

Peak Number 6 Tetradecanamide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	7.37 ng	187262	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanamide	227	C14H29NO	000638-58-4	80
2	Hexadecanamide	255	C16H33NO	000629-54-9	72
3	Dodecanamide	199	C12H25NO	001120-16-7	64
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	64
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

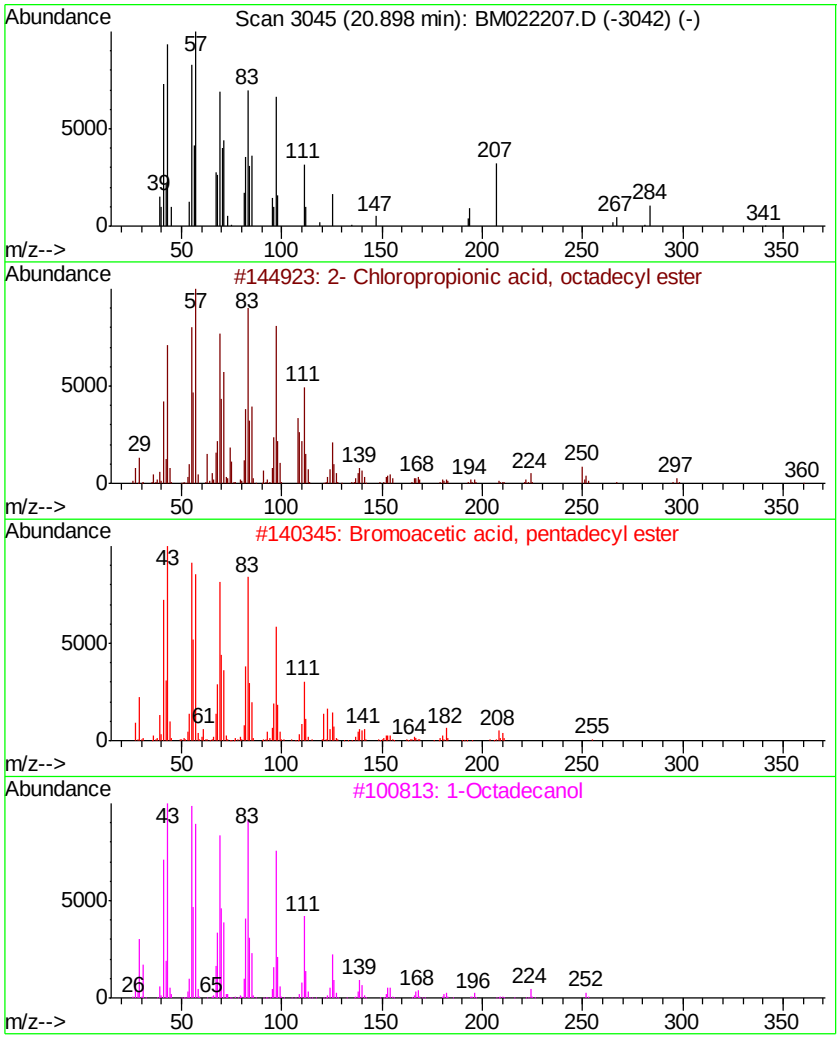
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

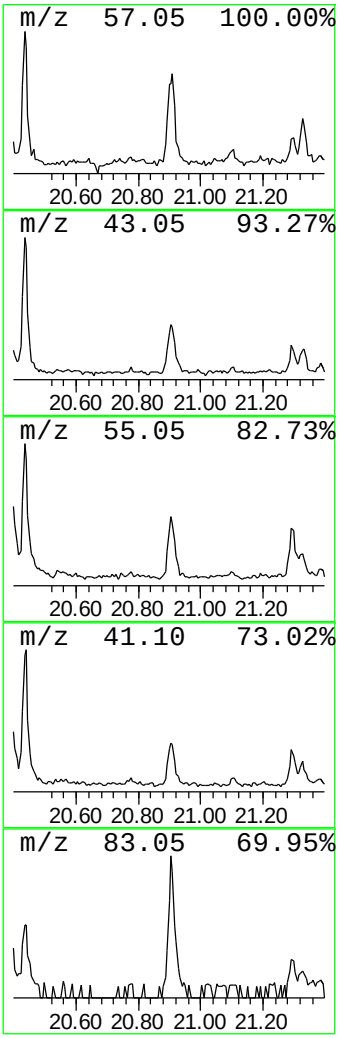
****

Peak Number 7 2- Chloropropionic acid, oc... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.64 ng	66930	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
2	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90
3	1-Octadecanol	270	C18H38O	000112-92-5	90
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	87
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

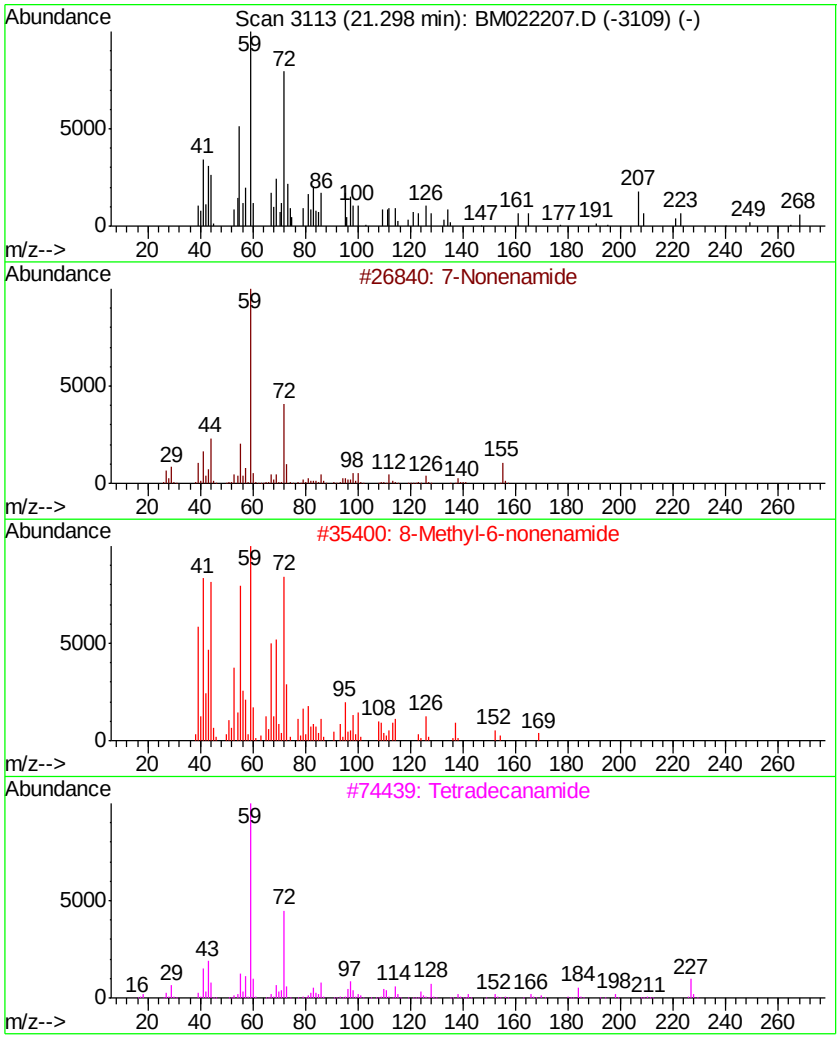
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

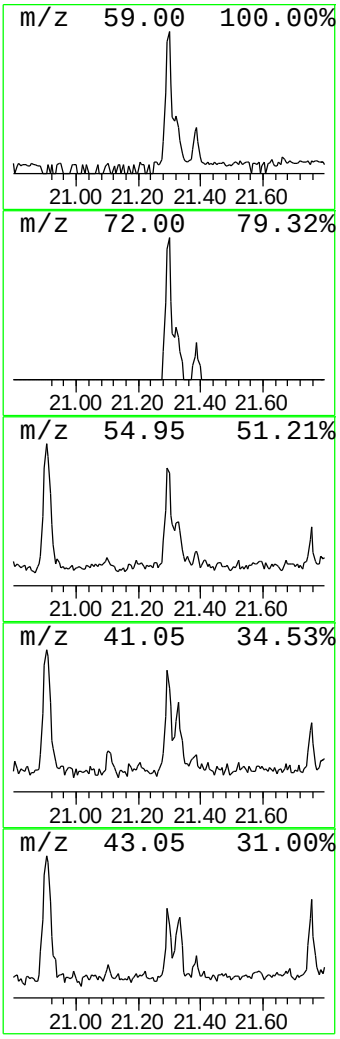
****

Peak Number 8 7-Nonenamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.30	2.08 ng	52766	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Nonenamide	155	C9H17NO	090949-53-4	78
2	8-Methyl-6-nonenamide	169	C10H19NO	1000293-20-9	53
3	Tetradecanamide	227	C14H29NO	000638-58-4	53
4	1-Propene, 3-[2-(2-methoxyethoxy...	160	C8H16O3	013752-97-1	27
5	Tridecanoic acid, thiophen-2-ylm...	322	C18H30N2OS	1000259-08-5	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

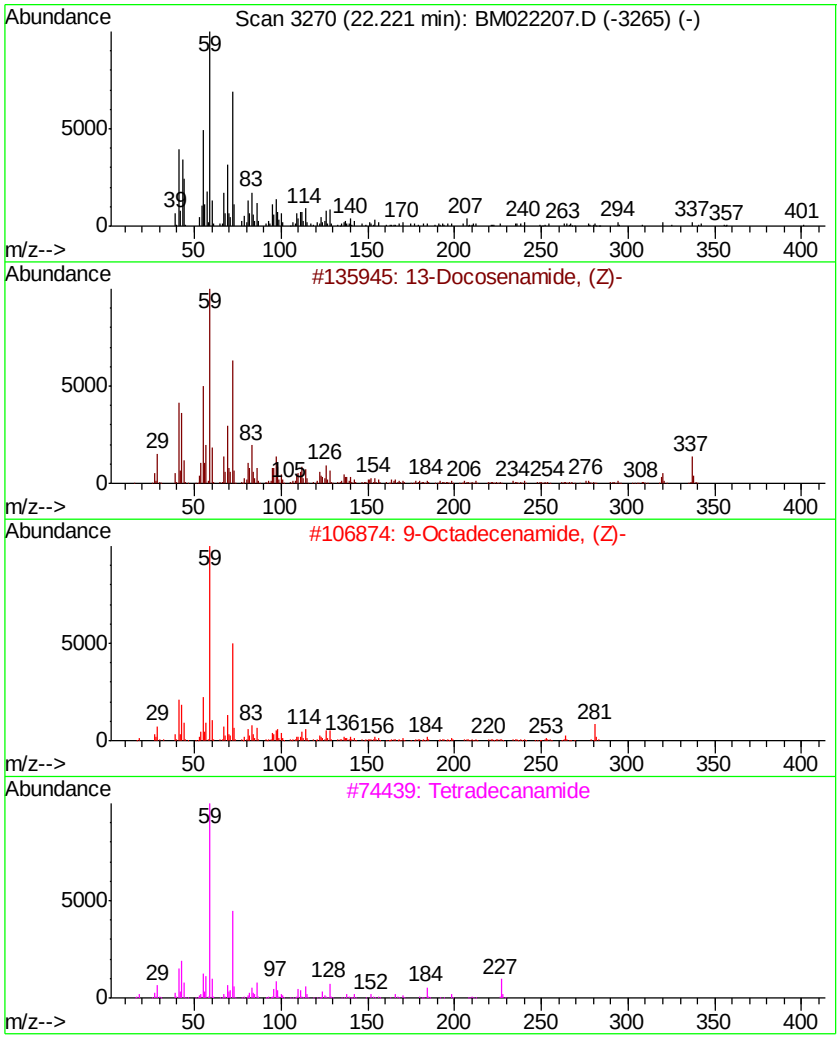
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

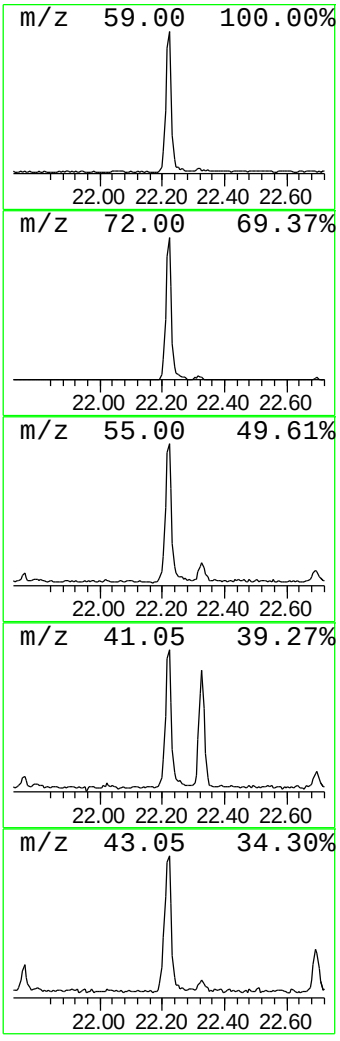
****

Peak Number 9 13-Docosenamide, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	14.01 ng	355883	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	76
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	74
3	Tetradecanamide	227	C14H29NO	000638-58-4	64
4	Octanamide	143	C8H17NO	000629-01-6	64
5	Dodecanamide	199	C12H25NO	001120-16-7	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

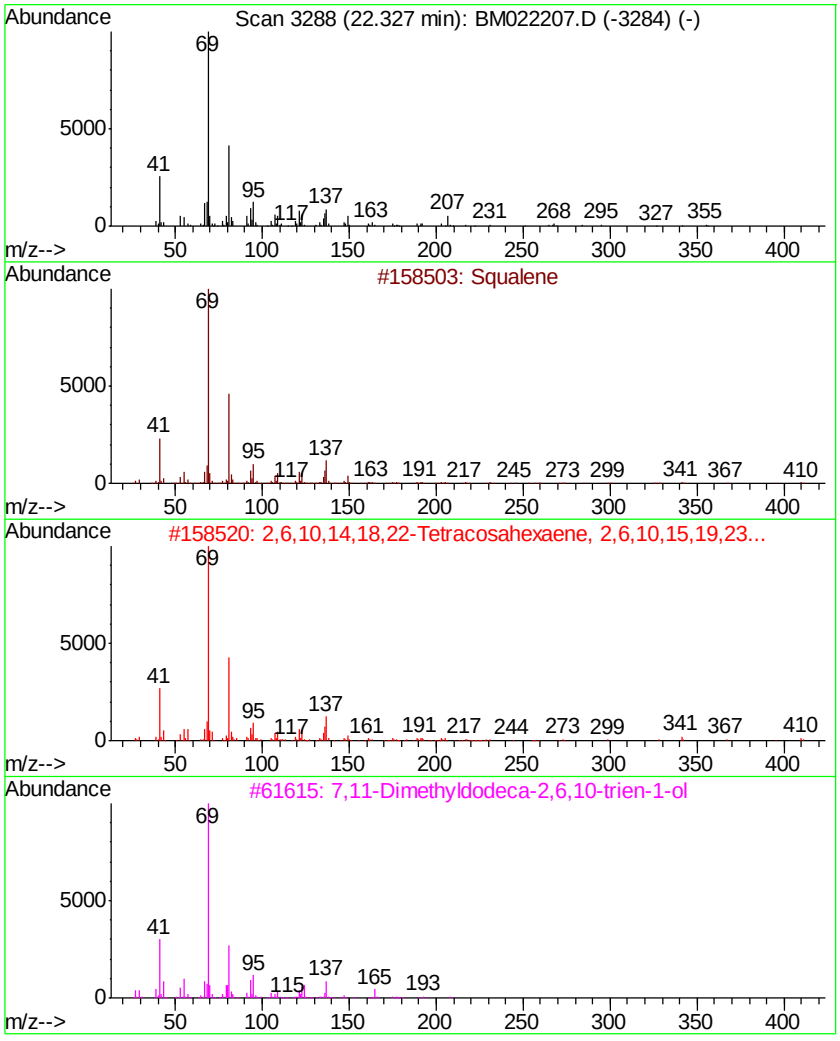
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

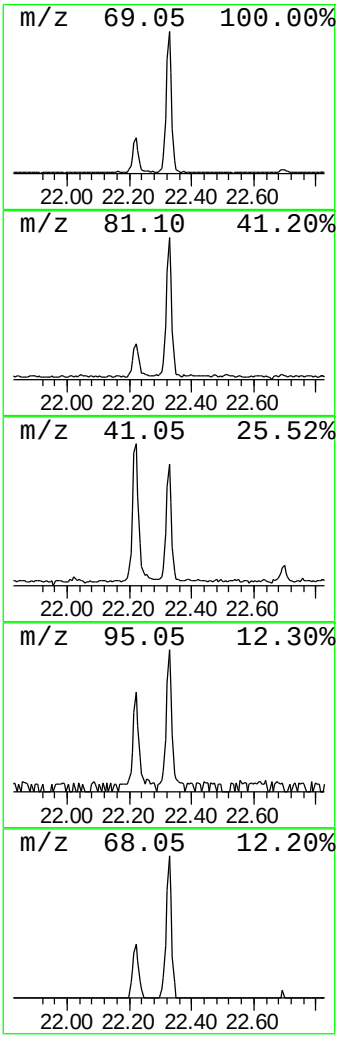
****

Peak Number 10 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.33	8.53 ng	198402	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	90
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	87
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	81
4	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	72
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082019\
Data File : BM022207.D
Acq On : 20 Aug 2019 11:55
Operator : HP/JU
Sample : K4332-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 0617-FIELD-BLANK-38TH-ST

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082019.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
unknown7.10	7.10	103.4	ng	1176990	1	7.57	227690	20.0
Tridecanoic acid	17.88	4.6	ng	105002	4	16.99	460936	20.0
Hexadecanamide	19.34	7.6	ng	192999	5	21.20	507987	20.0
9-Octadecenamide,...	20.34	170.5	ng	4330960	5	21.20	507987	20.0
Tetradecanamide	20.43	7.4	ng	187262	5	21.20	507987	20.0
2- Chloropropioni...	20.90	2.6	ng	66930	5	21.20	507987	20.0
7-Nonenamide	21.30	2.1	ng	52766	5	21.20	507987	20.0
13-Docosenamide, ...	22.22	14.0	ng	355883	5	21.20	507987	20.0
Squalene	22.33	8.5	ng	198402	6	23.40	465121	20.0