LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

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-BM122718.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	7.781	825	832	840	rBV	1508818	2434606	1.30%	0.599%
2	10.575	1297	1307	1315	rBV	2204161	3591493	1.92%	0.883%
3	13.045	1719	1727	1737	rBV	2240352	3335384	1.78%	0.820%
4	14.375	1946	1953	1957	rBV	1802797	3666859	1.96%	0.902%
5	14.427	1957	1962	1983	rVB2	3746700	6645163	3.55%	1.634%
6	16.239	2266	2270	2279	rVB	1824564	2686191	1.43%	0.661%
7	17.174	2423	2429	2437	rVB2	4506138	6181412	3.30%	1.520%
8	18.086	2576	2584	2618	rBV	9129128	17148690	9.15%	4.218%
9	19.251	2769	2782	2783	rBV3	25211530	48649487	25.96%	11.965%
10	19.280	2783	2787	2799	rVV	40596550	72038761	38.44%	17.717%
11	19.374	2799	2803	2823	rVB	5385604	9487425	5.06%	2.333%
12	19.804	2871	2876	2883	rVB	5379966	6748341	3.60%	1.660%
13	20.186	2936	2941	2949	rBV	10799430	15146804	8.08%	3.725%
14	21.280	3122	3127	3132	rVB	4920845	5236922	2.79%	1.288%
15	21.362	3136	3141	3146	rBV	6102459	7494154	4.00%	1.843%
16	23.656	3523	3531	3540	rVB	3278784	6300844	3.36%	1.550%
17	24.697	3701	3708	3719	rVB2	1047728	2417716	1.29%	0.595%
18	25.027	3746	3764	3774	rBV	56296317	187395386	100.00%	46.088%

Sum of corrected areas: 406605638

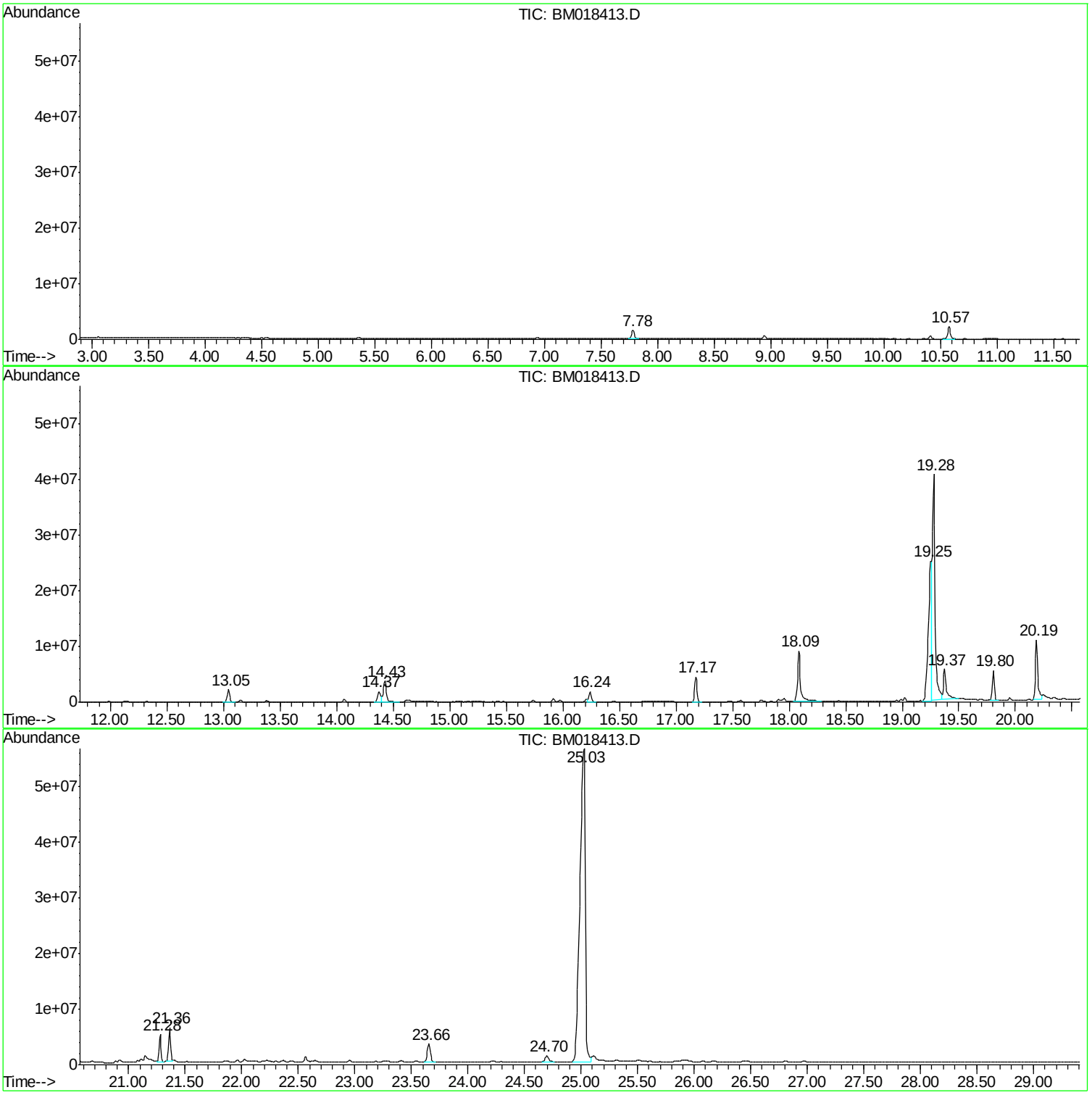
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

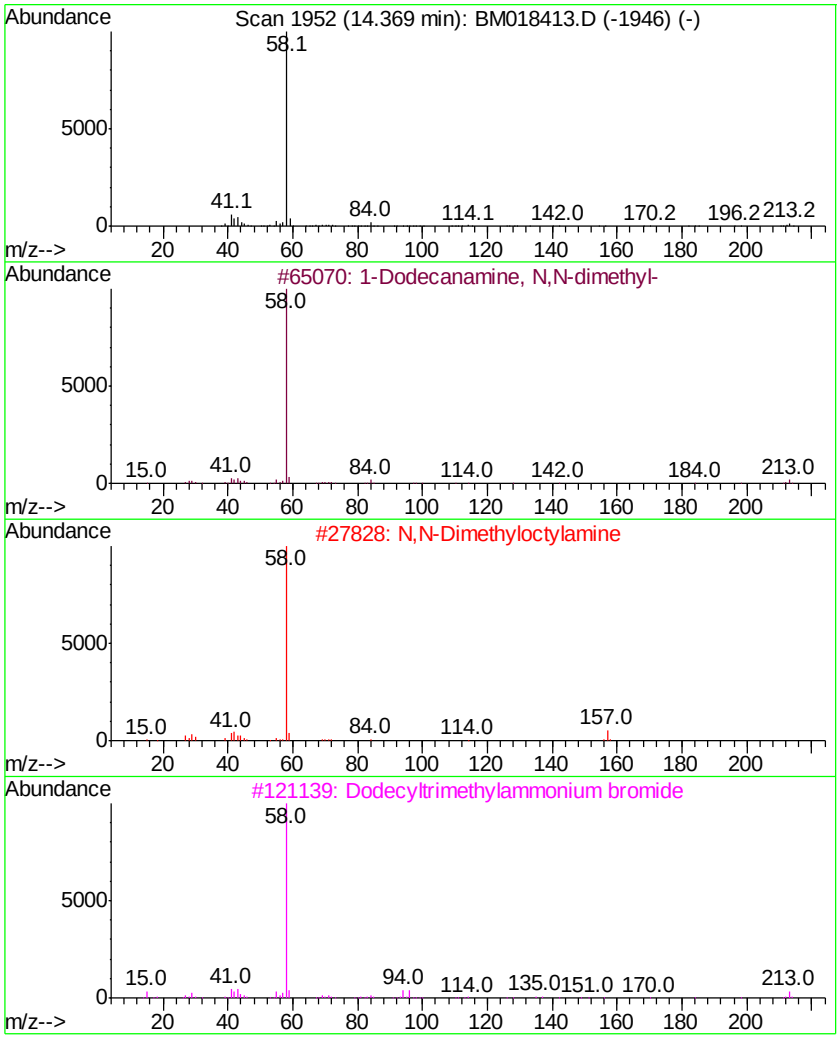
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

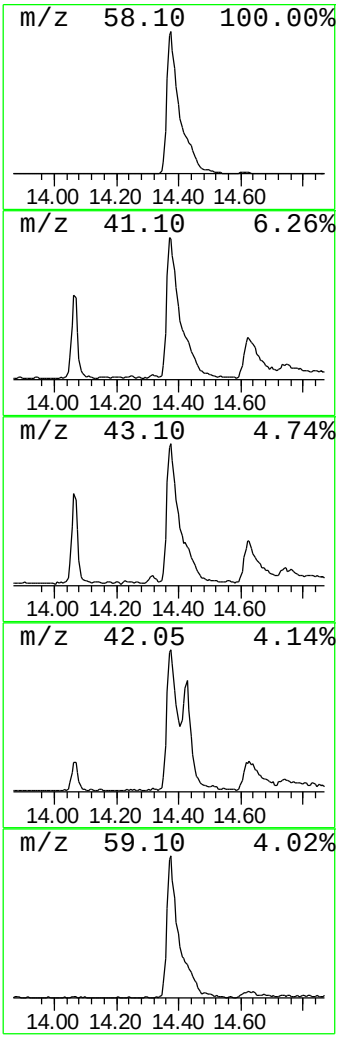
****

Peak Number 1 1-Dodecanamine, N,N-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	11.04 ng	3666860	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	87
2	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	78
3	Dodecyltrimethylammonium bromide	307	C15H34BrN	001119-94-4	78
4	Decane,-1,10-diamino,-N,N,N',N'-...	228	C14H32N2	001938-62-1	78
5	1-Tridecanamine, N,N-dimethyl-	227	C15H33N	017373-29-4	72





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

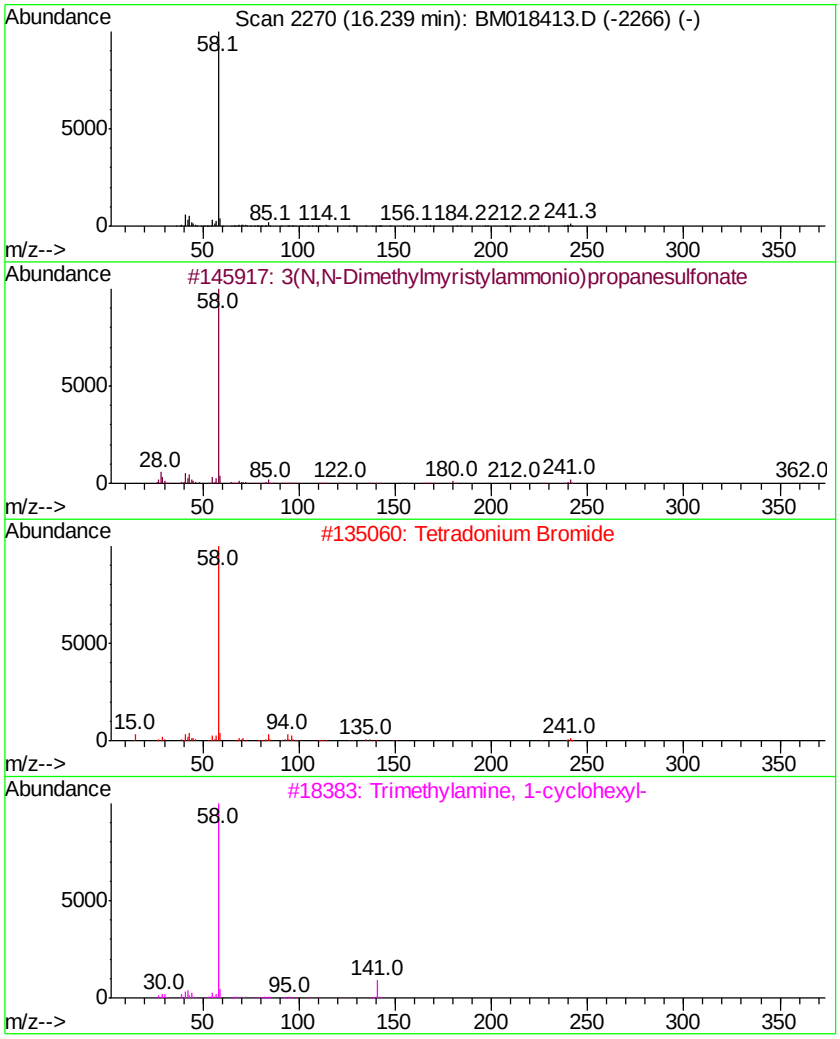
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

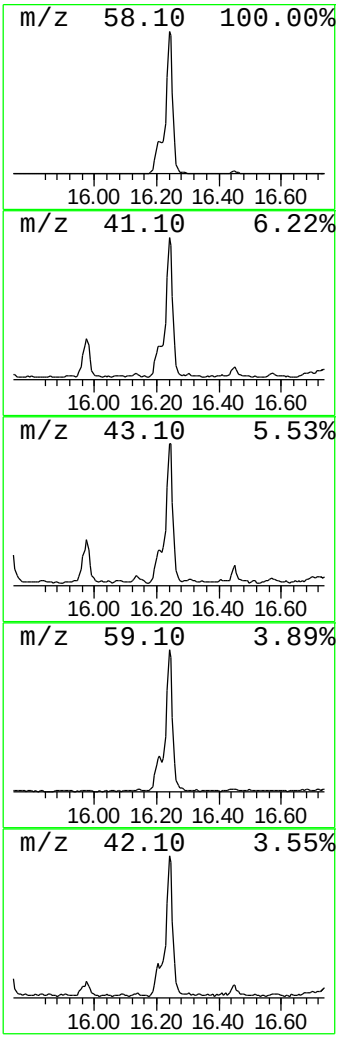
****

Peak Number 2 3(N,N-Dimethylmyristylammon... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	8.69 ng	2686190	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3(N,N-Dimethylmyristylammonio)pr...	363	C19H41NO3S	014933-09-6	83
2	Tetradonium Bromide	335	C17H38BrN	001119-97-7	83
3	Trimethylamine, 1-cyclohexyl-	141	C9H19N	016607-80-0	80
4	1-Heptanamine, N,N-dimethyl-	143	C9H21N	005277-11-2	78
5	1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	78





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

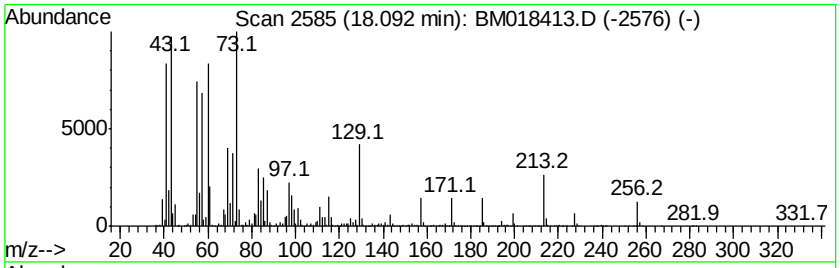
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

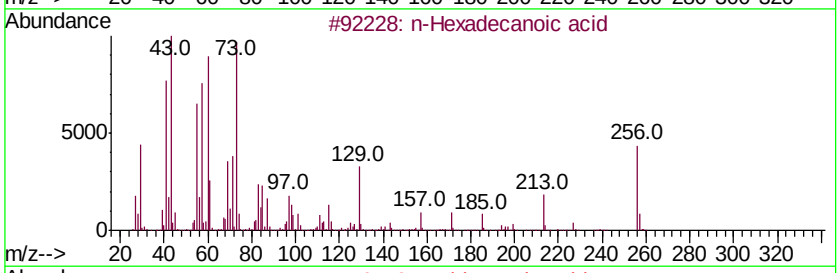
****

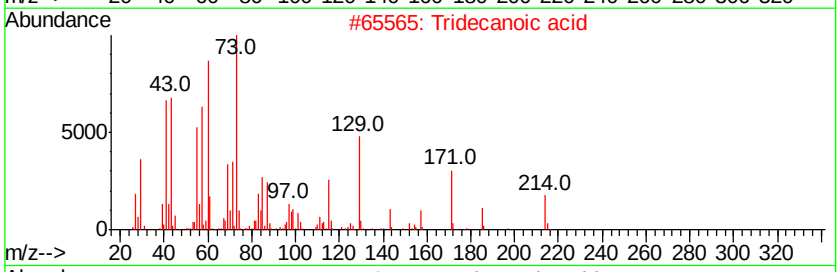
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

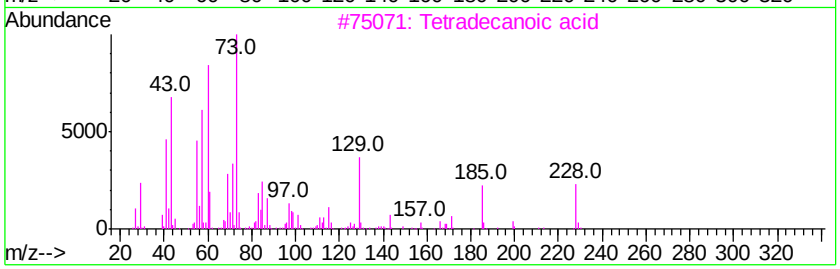
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	55.48 ng	17148700	Phenanthrene-d10	17.17

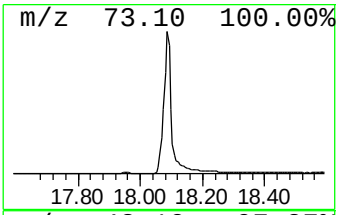
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	15

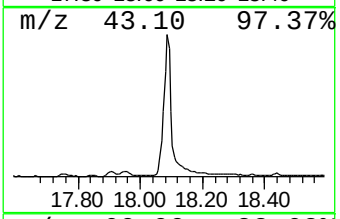


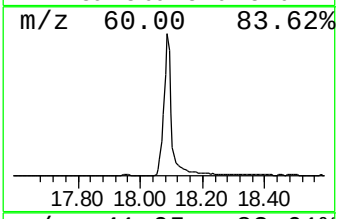


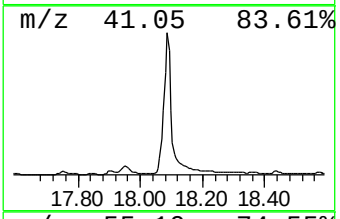


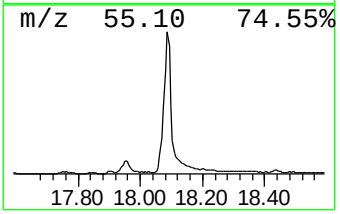












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

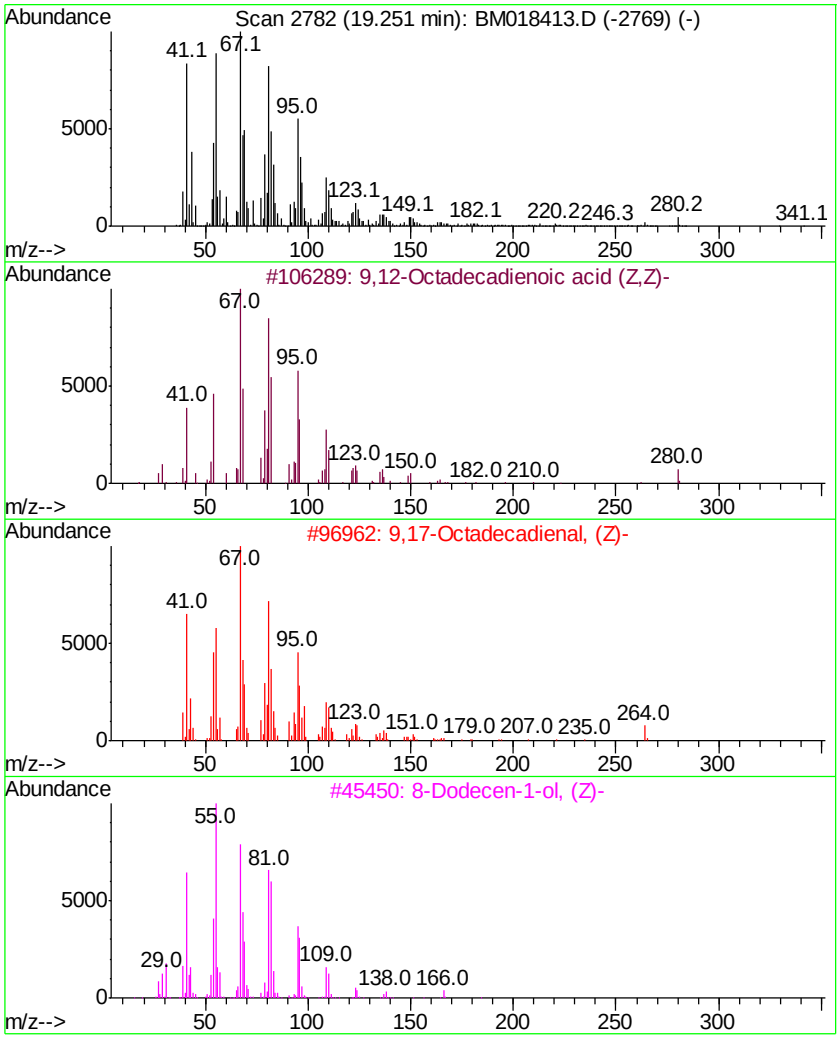
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

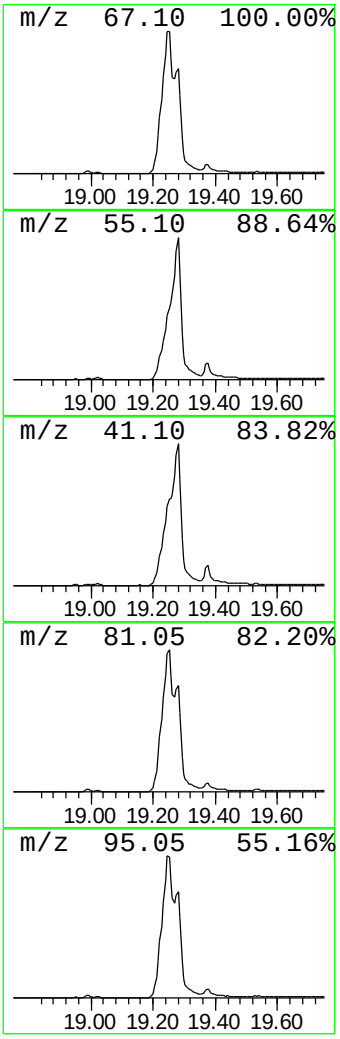
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9,12-Octadecadienoic acid (... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	157.41 ng	48649500	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	9,17-Octadecadienal, (Z)-	264	C18H32O	056554-35-9	94
3	8-Dodecen-1-ol, (Z)-	184	C12H24O	040642-40-8	91
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	91
5	(R)-(-)-14-Methyl-8-hexadecyn-1-ol	252	C17H32O	064566-18-3	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

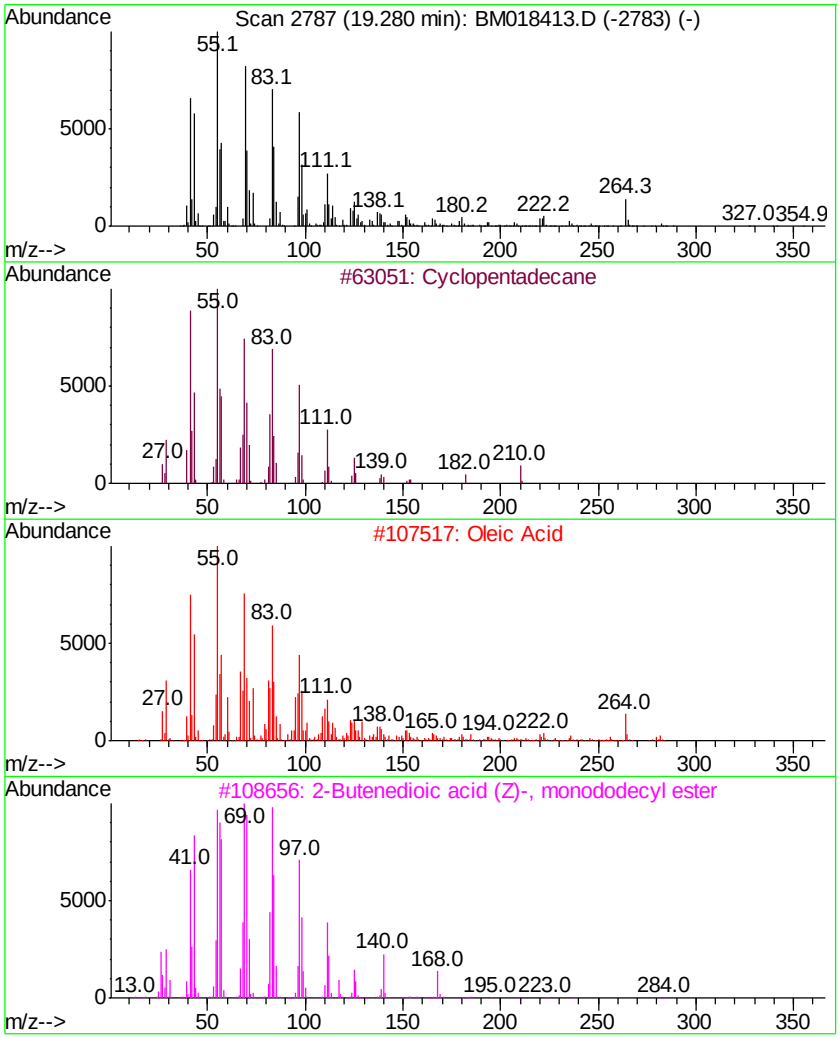
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

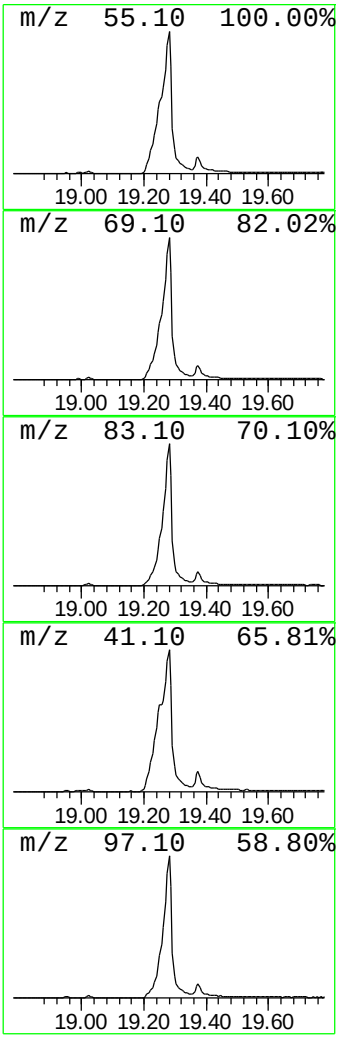
****

Peak Number 5 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	192.25 ng	72038800	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	80
2	Oleic Acid	282	C18H34O2	000112-80-1	68
3	2-Butenedioic acid (Z)-, monodod...	284	C16H28O4	002424-61-5	62
4	1-Heptanol, 6-methyl-	130	C8H18O	001653-40-3	50
5	9-Nonadecene	266	C19H38	031035-07-1	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

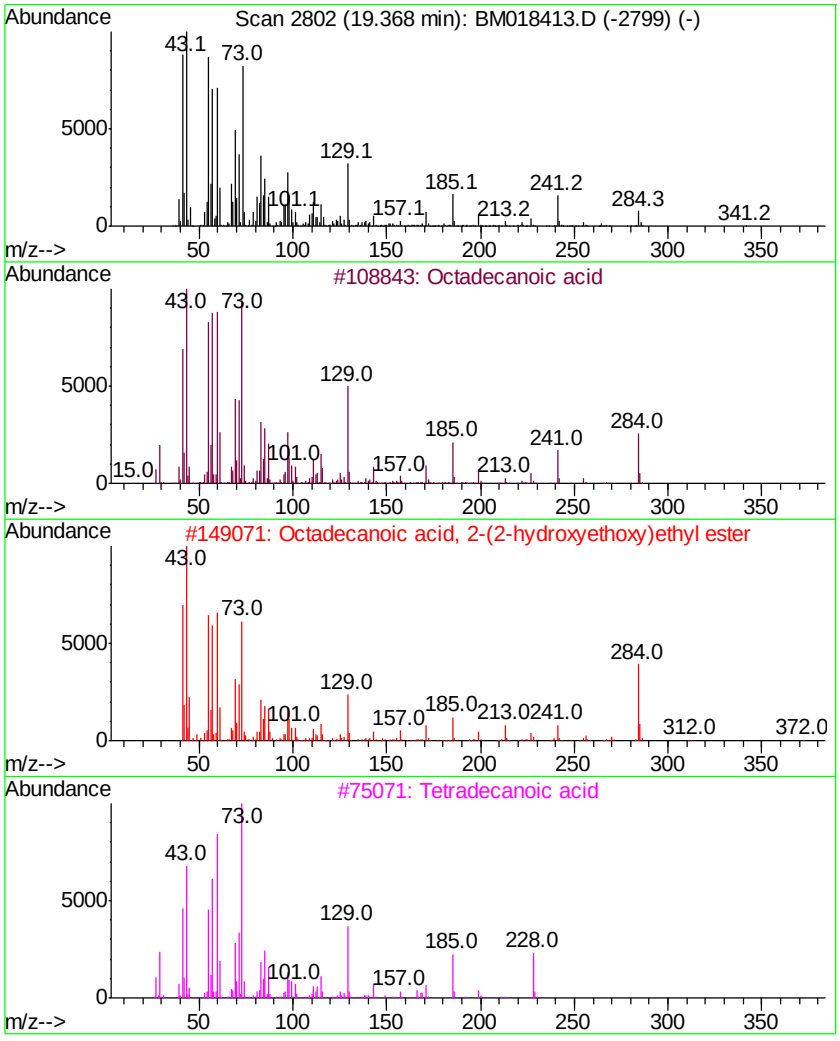
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

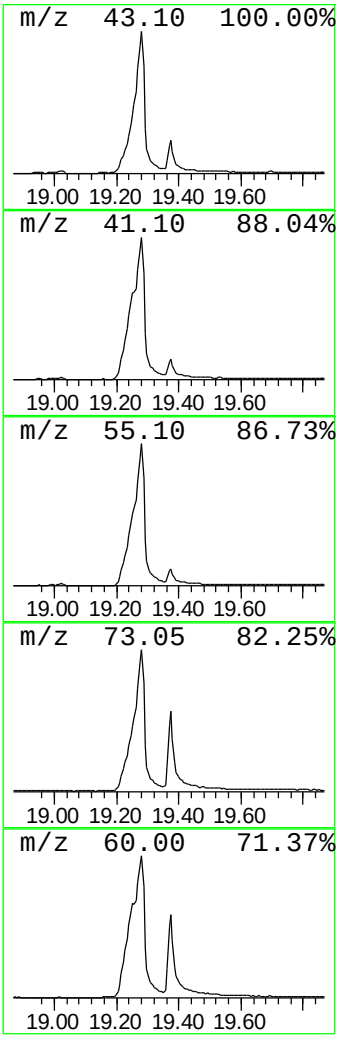
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	25.32 ng	9487430	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
5	Tridecanoic acid	214	C13H26O2	000638-53-9	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

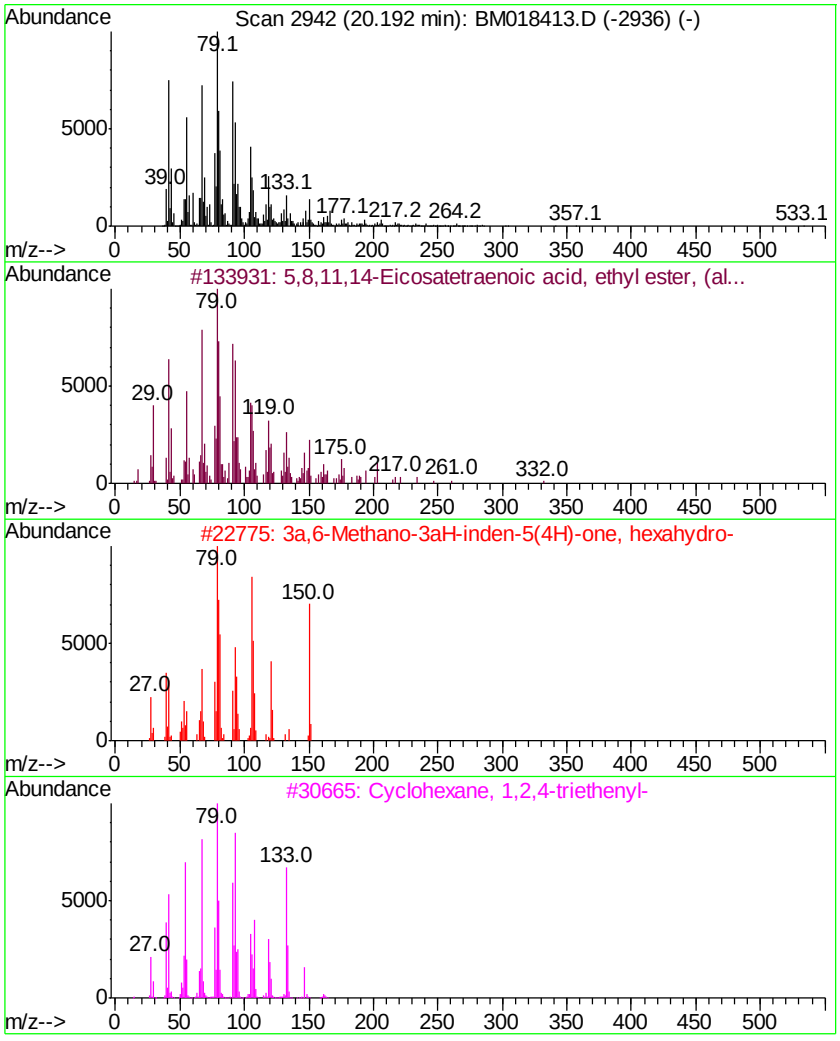
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

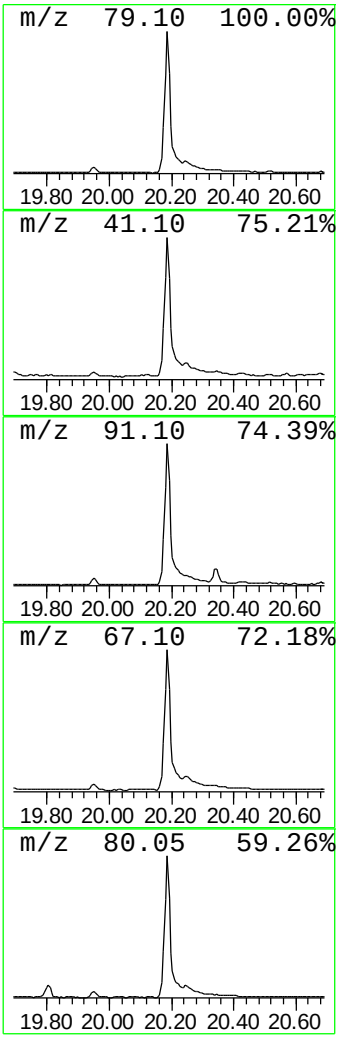
****

Peak Number 7 5,8,11,14-Eicosatetraenoic ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	40.42 ng	15146800	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,8,11,14-Eicosatetraenoic acid,...	332	C22H36O2	001808-26-0	94
2	3a,6-Methano-3aH-inden-5(4H)-one...	150	C10H14O	016489-26-2	58
3	Cyclohexane, 1,2,4-triethenyl-	162	C12H18	002855-27-8	58
4	5,8,11,14-Eicosatetraenoic acid,...	318	C21H34O2	002566-89-4	53
5	Cyclooctene, 5,6-diethenyl-, trans-	162	C12H18	053264-71-4	52





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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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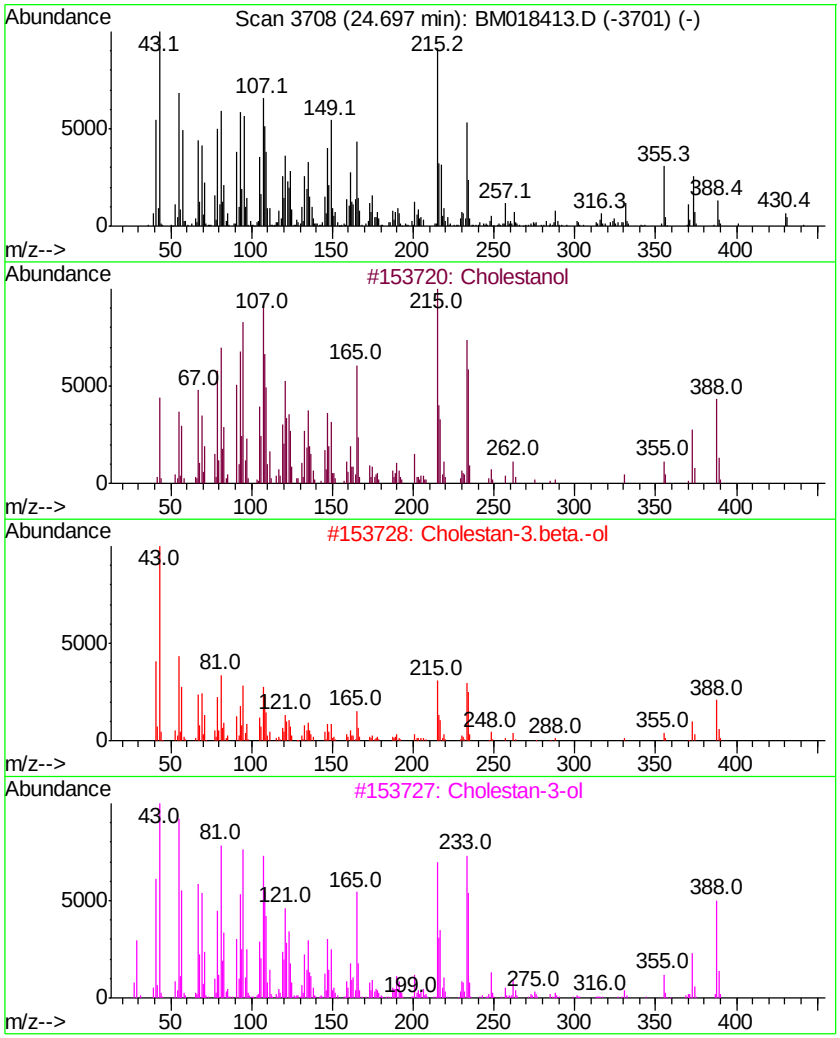
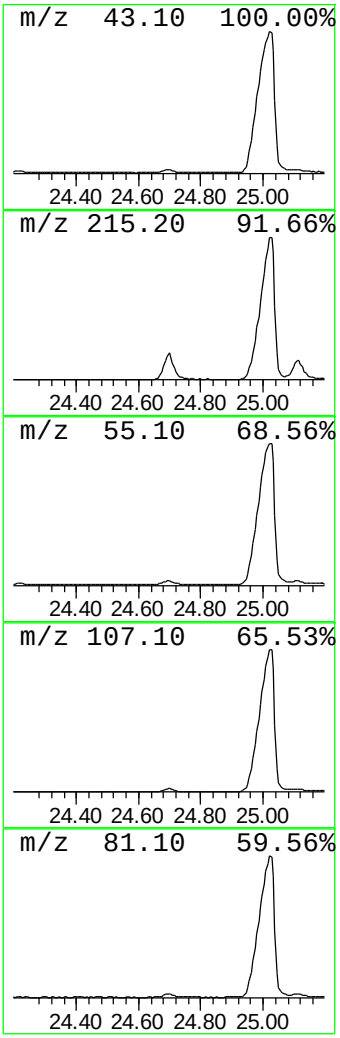
Peak Number 8 Cholestanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.70	7.67 ng	2417720	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestanol	388	C27H48O	000080-97-7	72
2	Cholestan-3.beta.-ol	388	C27H48O	017608-41-2	50
3	Cholestan-3-ol	388	C27H48O	027409-41-2	47
4	Cholest-2-ene	370	C27H46	015910-23-3	46
5	Cholestan-3-ol, acetate, (3.beta...	430	C29H50O2	001255-88-5	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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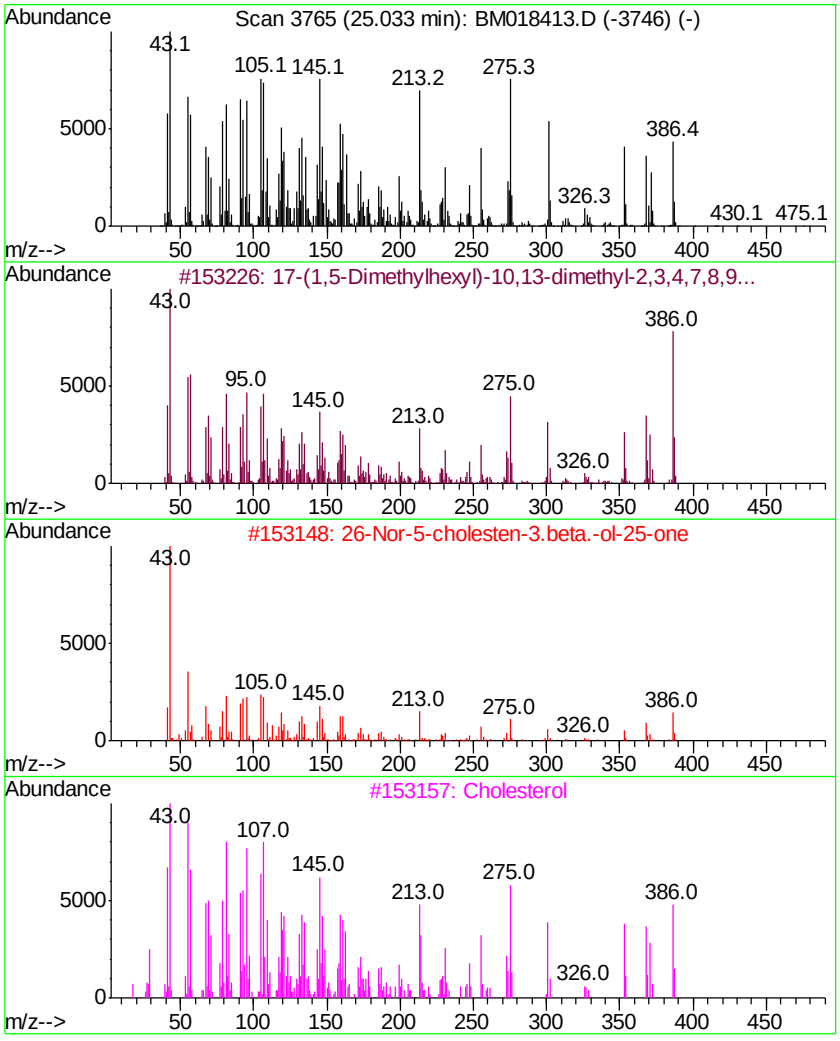
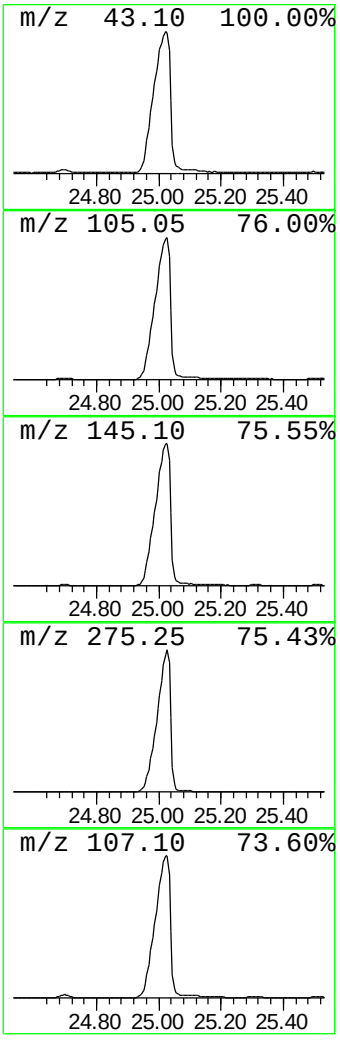
Peak Number 9 17-(1,5-Dimethylhexyl)-10,1... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.03	594.83 ng	187395000	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-(1,5-Dimethylhexyl)-10,13-dim...	386	C27H46O	1000210-38-4	99
2	26-Nor-5-cholesten-3.beta.-ol-25...	386	C26H42O2	007494-34-0	99
3	Cholesterol	386	C27H46O	000057-88-5	95
4	Cholest-5-en-3-ol, (3.alpha.)-	386	C27H46O	000474-77-1	74
5	Cholestane-3,5-diol, 5-acetate, ...	446	C29H50O3	041721-93-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM122718\
Data File : BM018413.D
Acq On : 28 Dec 2018 01:16
Operator : JU/SJ
Sample : J6576-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 381218011-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM122718.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
1-Dodecanamine, N...	14.37	11.0	ng	3666860	3	14.43	6645160	20.0
3(N,N-Dimethylmyr...	16.24	8.7	ng	2686190	4	17.17	6181410	20.0
n-Hexadecanoic acid	18.09	55.5	ng	17148700	4	17.17	6181410	20.0
9,12-Octadecadien...	19.25	157.4	ng	48649500	4	17.17	6181410	20.0
Cyclopentadecane	19.28	192.3	ng	72038800	5	21.36	7494150	20.0
Octadecanoic acid	19.37	25.3	ng	9487430	5	21.36	7494150	20.0
5,8,11,14-Eicosat...	20.19	40.4	ng	15146800	5	21.36	7494150	20.0
Cholestanol	24.70	7.7	ng	2417720	6	23.66	6300840	20.0
17-(1,5-Dimethylh...	25.03	594.8	ng	187395000	6	23.66	6300840	20.0