LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

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-BM060520.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	5.040	360	366	378	rBV	813320	1166940	6.96%	1.998%
2	6.604	624	632	644	rBV	801825	1285781	7.67%	2.202%
3	7.398	761	767	775	rBV	607391	910979	5.44%	1.560%
4	7.716	813	821	834	rBV	648617	1027675	6.13%	1.760%
5	8.545	950	962	975	rBV	512680	851226	5.08%	1.457%
6	10.157	1229	1236	1246	rBV	765274	1234851	7.37%	2.114%
7	12.663	1655	1662	1681	rVB	1137451	1705879	10.18%	2.921%
8	13.527	1803	1809	1820	rBV	157452	240665	1.44%	0.412%
9	14.051	1892	1898	1907	rBV2	1062144	1518667	9.06%	2.600%
10	15.551	2148	2153	2165	rBV	866317	1229424	7.33%	2.105%
11	16.804	2360	2366	2379	rVB	1238078	1702362	10.16%	2.915%
12	17.515	2482	2487	2494	rBV	3009681	3502479	20.90%	5.997%
13	18.674	2678	2684	2686	rBV	13399309	16761097	100.00%	28.699%
14	18.703	2686	2689	2699	rVB2	10946845	13637662	81.36%	23.351%
15	18.839	2707	2712	2717	rBV	1757313	1915707	11.43%	3.280%
16	19.280	2782	2787	2804	rBV	1646007	2786348	16.62%	4.771%
17	19.462	2812	2818	2823	rVB	1908083	2268735	13.54%	3.885%
18	19.833	2878	2881	2889	rVB2	131259	185908	1.11%	0.318%
19	19.980	2903	2906	2912	rVV4	139298	241415	1.44%	0.413%
20	20.045	2913	2917	2924	rVV	139623	209276	1.25%	0.358%
21	20.768	3037	3040	3044	rVB	183996	193361	1.15%	0.331%
22	21.015	3077	3082	3090	rBV	1494698	1881191	11.22%	3.221%
23	23.103	3432	3437	3443	rVB	1166606	1946153	11.61%	3.332%

Sum of corrected areas: 58403781

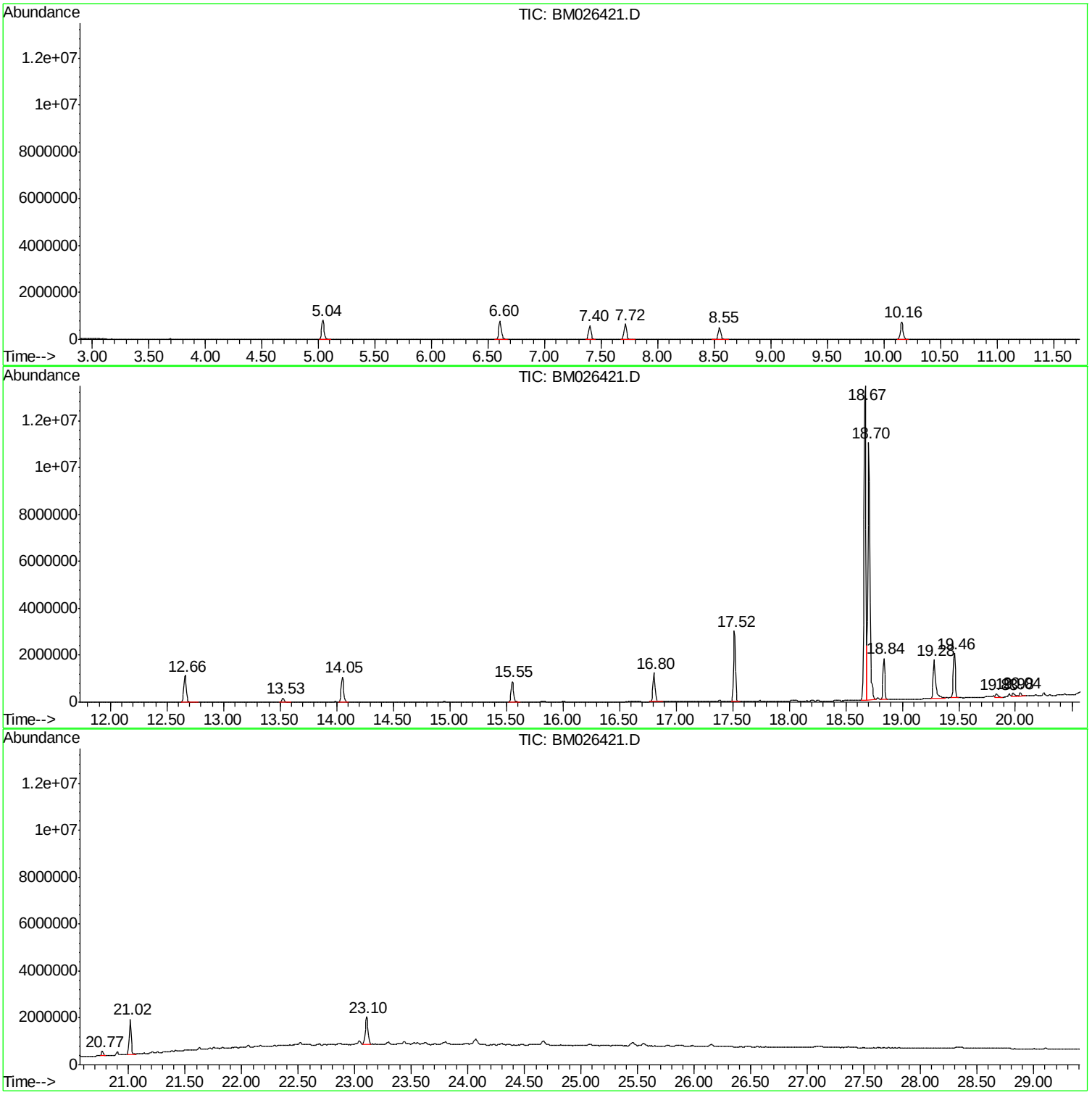
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

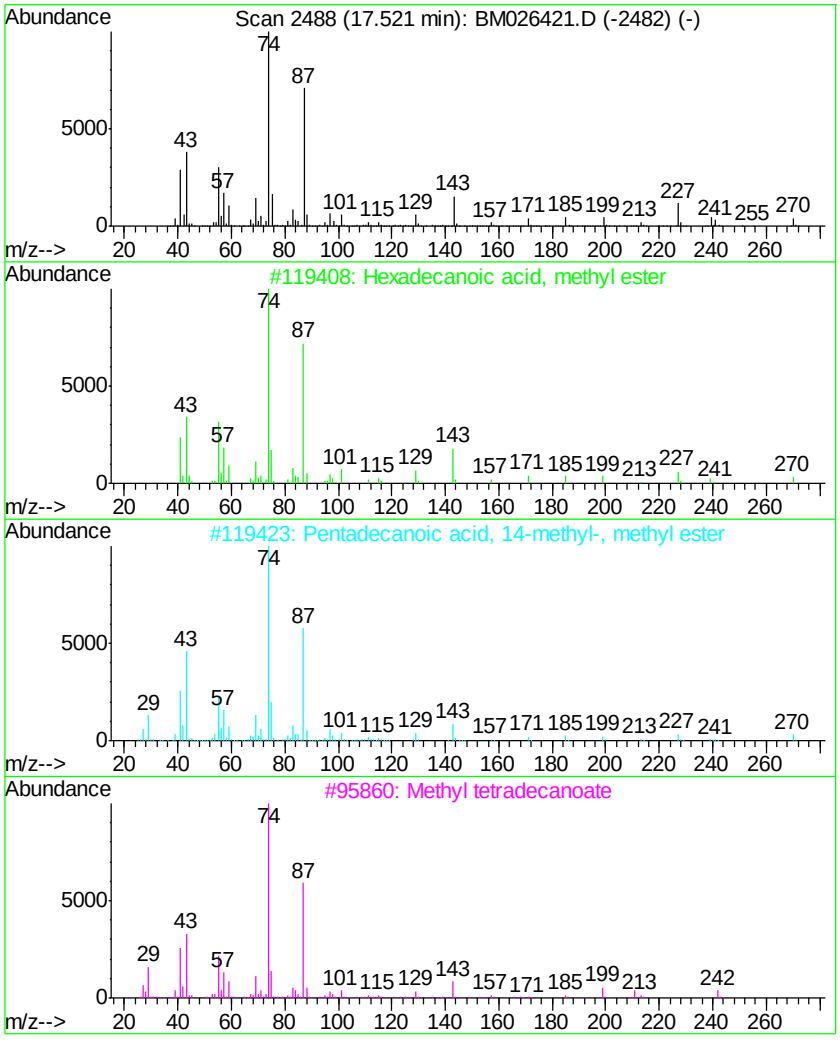
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

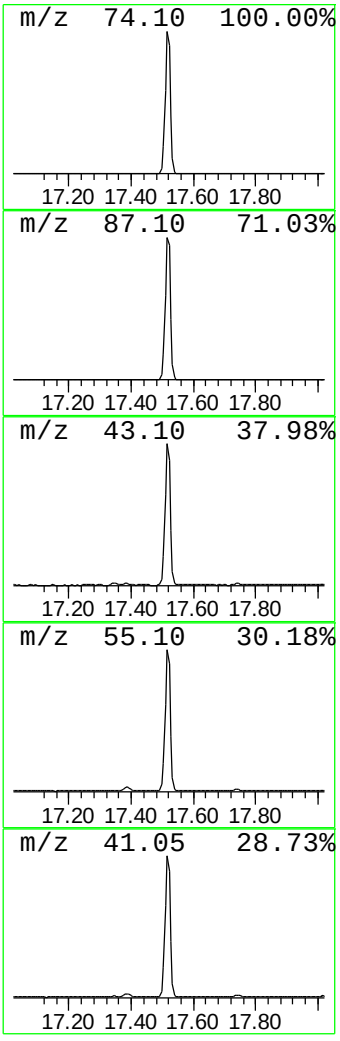
****

Peak Number 2 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	41.15 ng	3502480	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	98
3	Methyl tetradecanoate	242	C15H30O2	000124-10-7	93
4	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

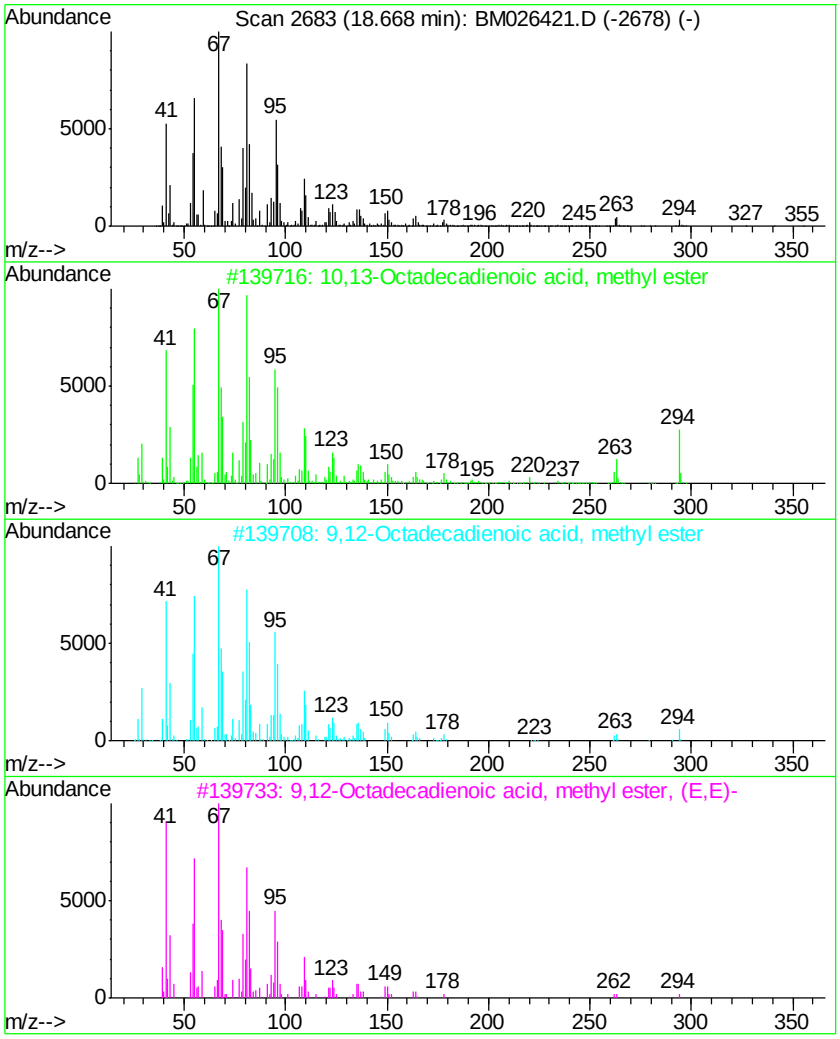
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

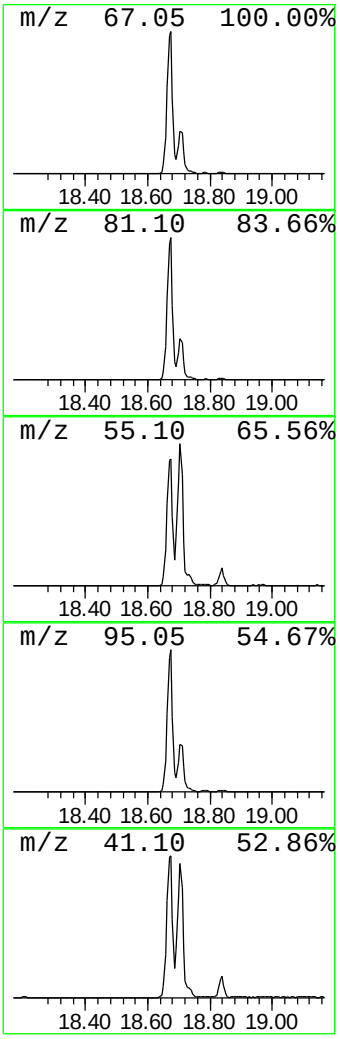
****

Peak Number 3 10,13-Octadecadienoic acid,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	196.92 ng	16761100	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
2	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	99
5	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

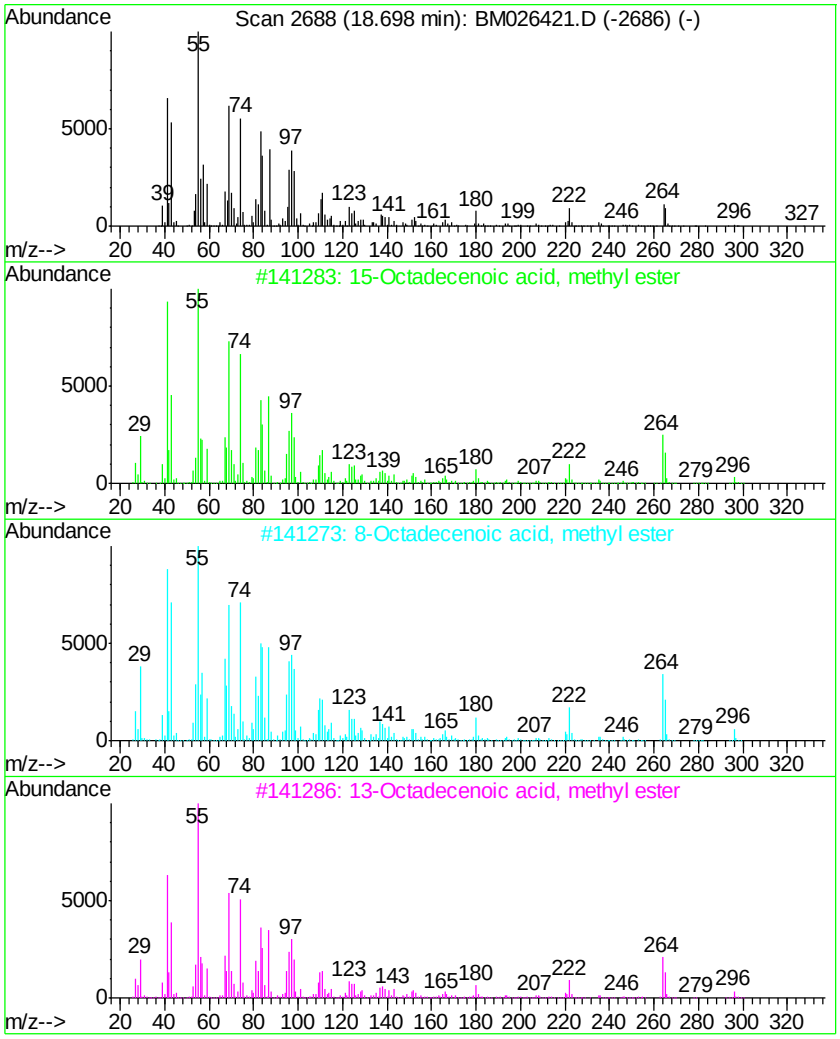
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

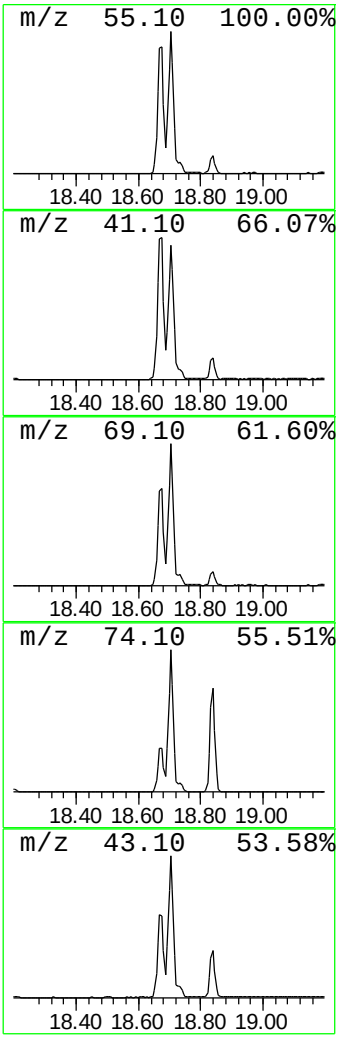
****

Peak Number 4 15-Octadecenoic acid, methy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	160.22 ng	13637700	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	99
2	8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
3	13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
4	14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	99
5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	99





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

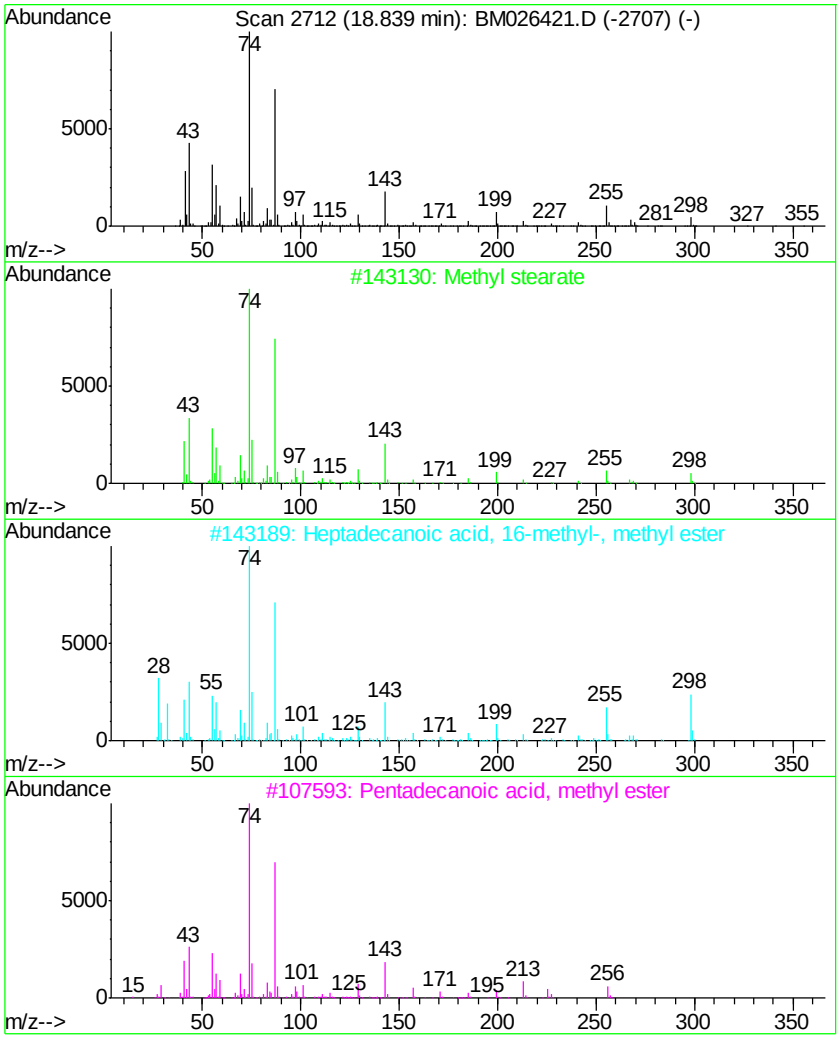
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

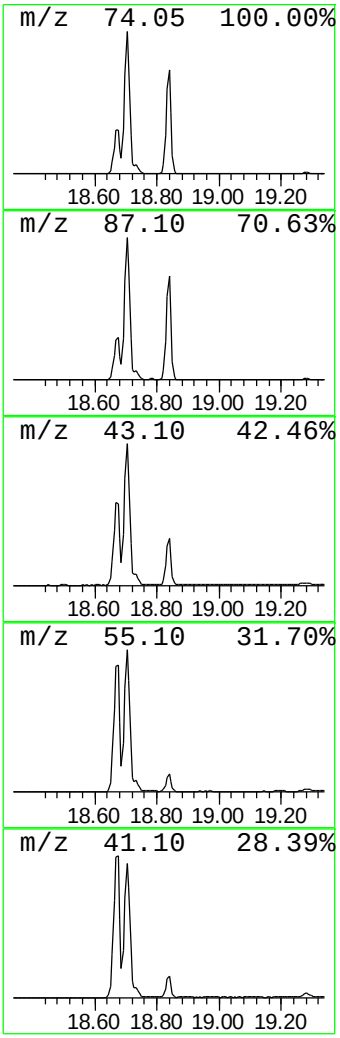
****

Peak Number 5 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.84	22.51 ng	1915710	Phenanthrene-d10	16.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	93
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	93
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

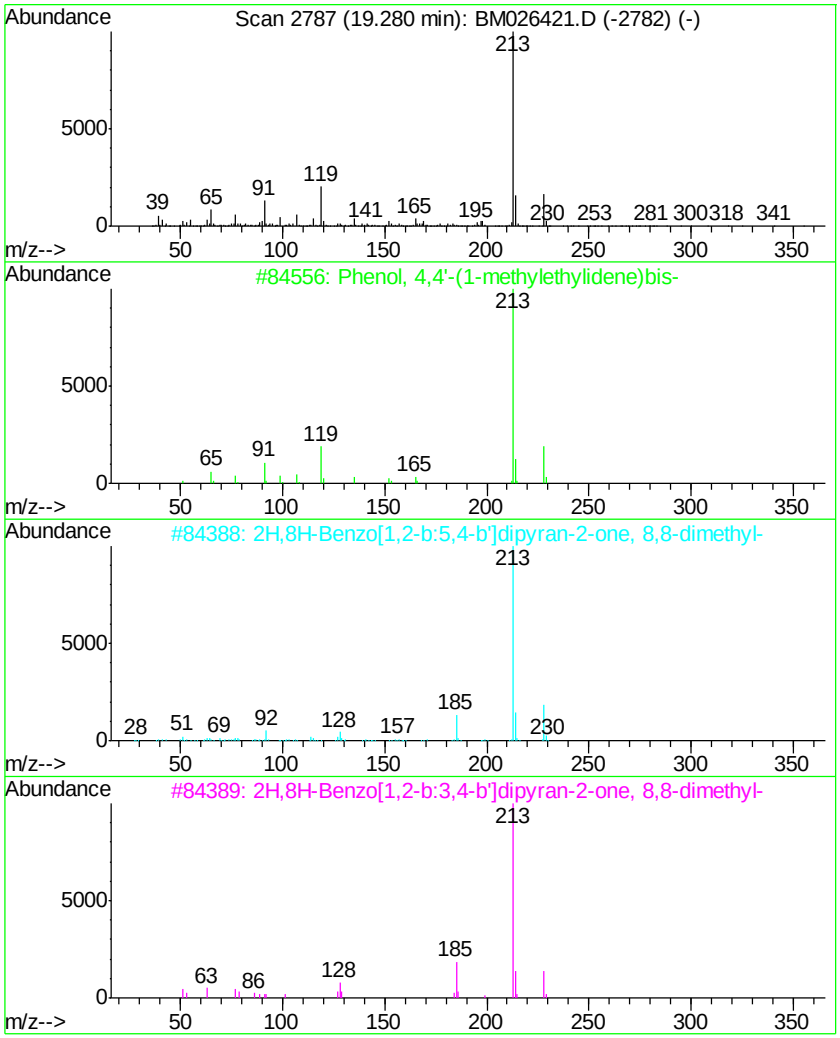
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

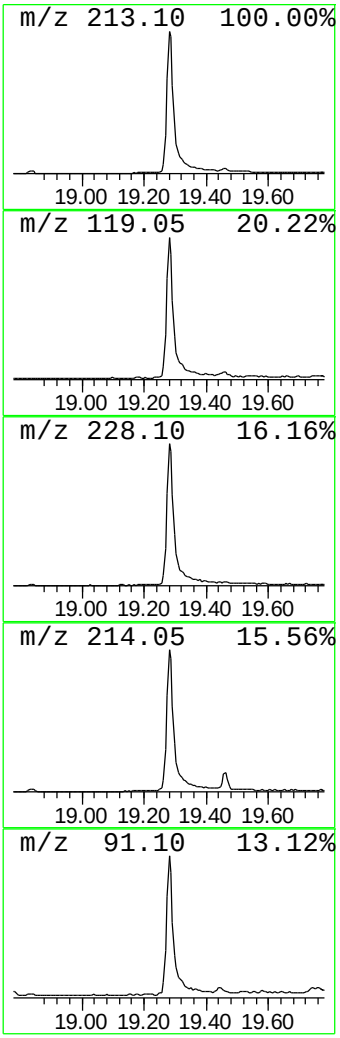
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.28	29.62 ng	2786350	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	98
2	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	52
3	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	40
4	1,4-Puran, 5,6-dihydro-3-[3-indo...	213	C14H15NO	1000128-72-9	40
5	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	38





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

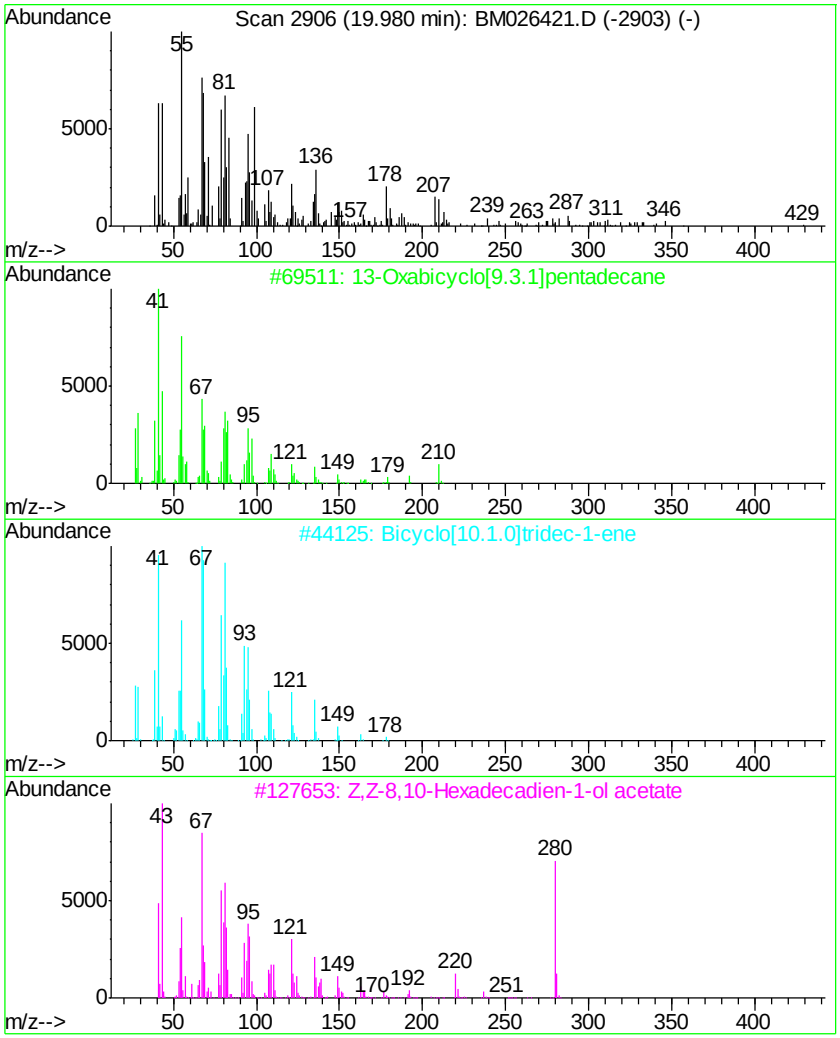
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

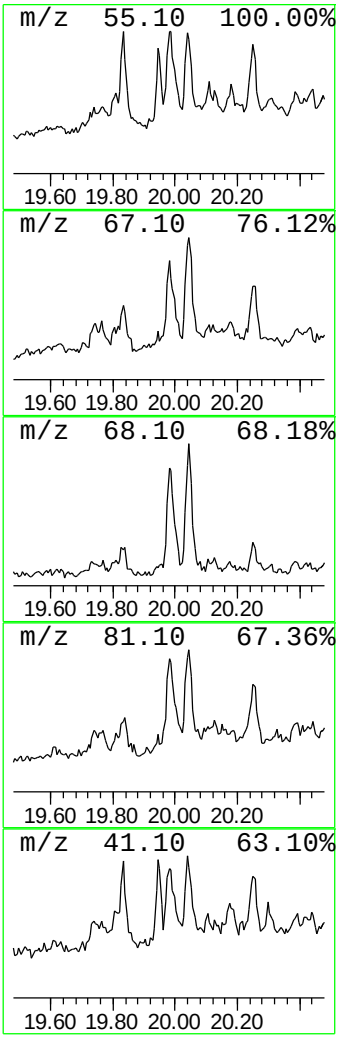
****

Peak Number 7 13-Oxabicyclo[9.3.1]pentade... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	2.57 ng	241415	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Oxabicyclo[9.3.1]pentadecane	210	C14H26O	051547-45-6	52
2	Bicyclo[10.1.0]tridec-1-ene	178	C13H22	054766-91-5	46
3	Z,Z-8,10-Hexadecadien-1-ol acetate	280	C18H32O2	1000130-88-5	43
4	1,13-Tetradecadiene	194	C14H26	021964-49-8	43
5	9,12-Tetradecadien-1-ol, acetate...	252	C16H28O2	031654-77-0	41





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

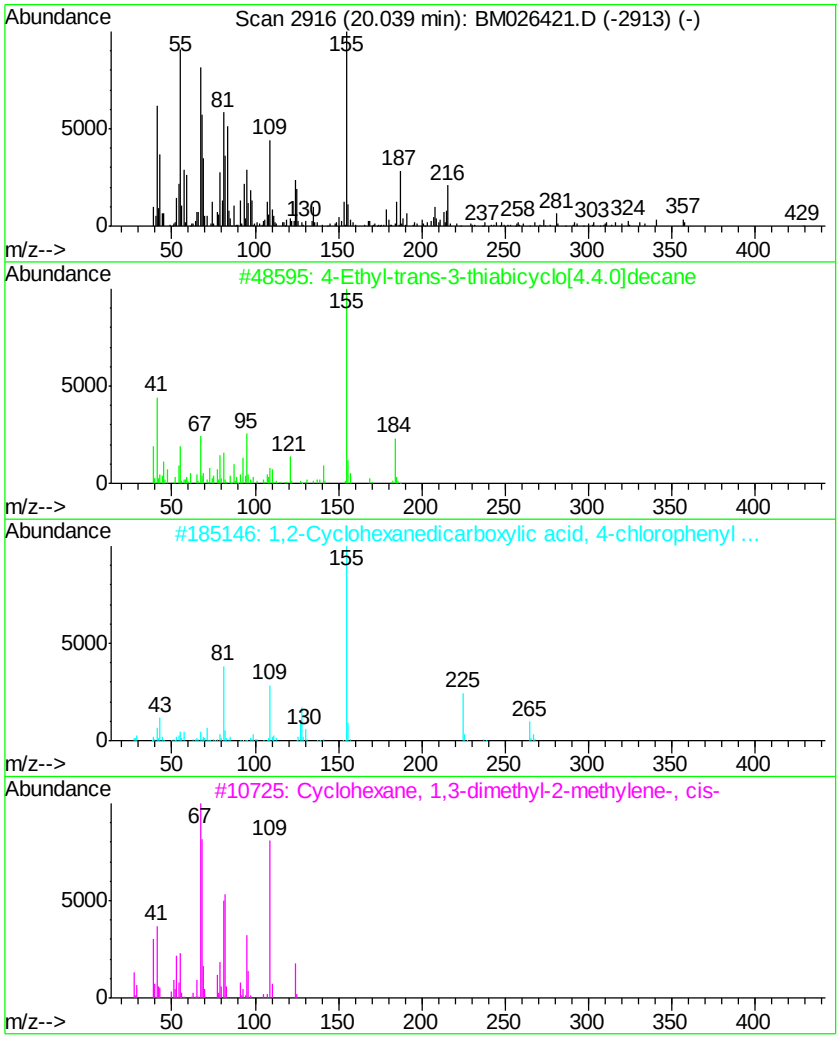
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

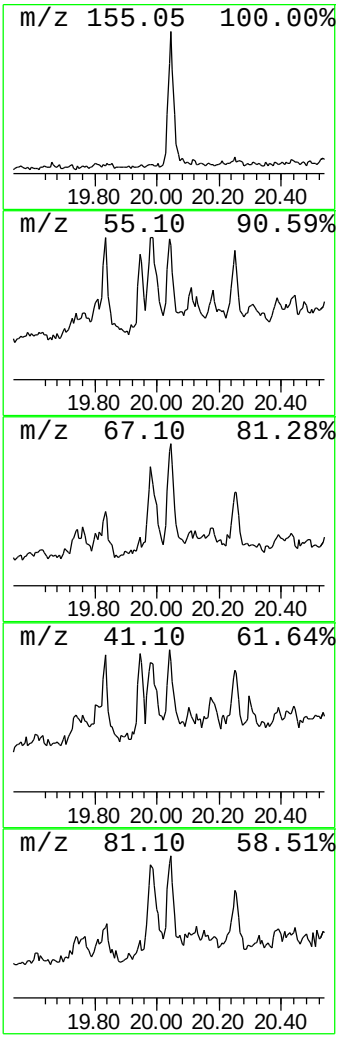
****

Peak Number 8 unknown20.04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.04	2.22 ng	209276	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethyl-trans-3-thiabicyclo[4.4....	184	C11H20S	1000215-94-2	35
2	1,2-Cyclohexanedicarboxylic acid...	352	C19H25ClO4	1000339-68-2	35
3	Cyclohexane, 1,3-dimethyl-2-meth...	124	C9H16	019781-47-6	35
4	1,2-Cyclohexanedicarboxylic acid...	372	C18H22Cl2O4	1000339-79-8	35
5	Bicyclo[2.2.1]heptane, 2-methyl-	110	C8H14	015185-11-2	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

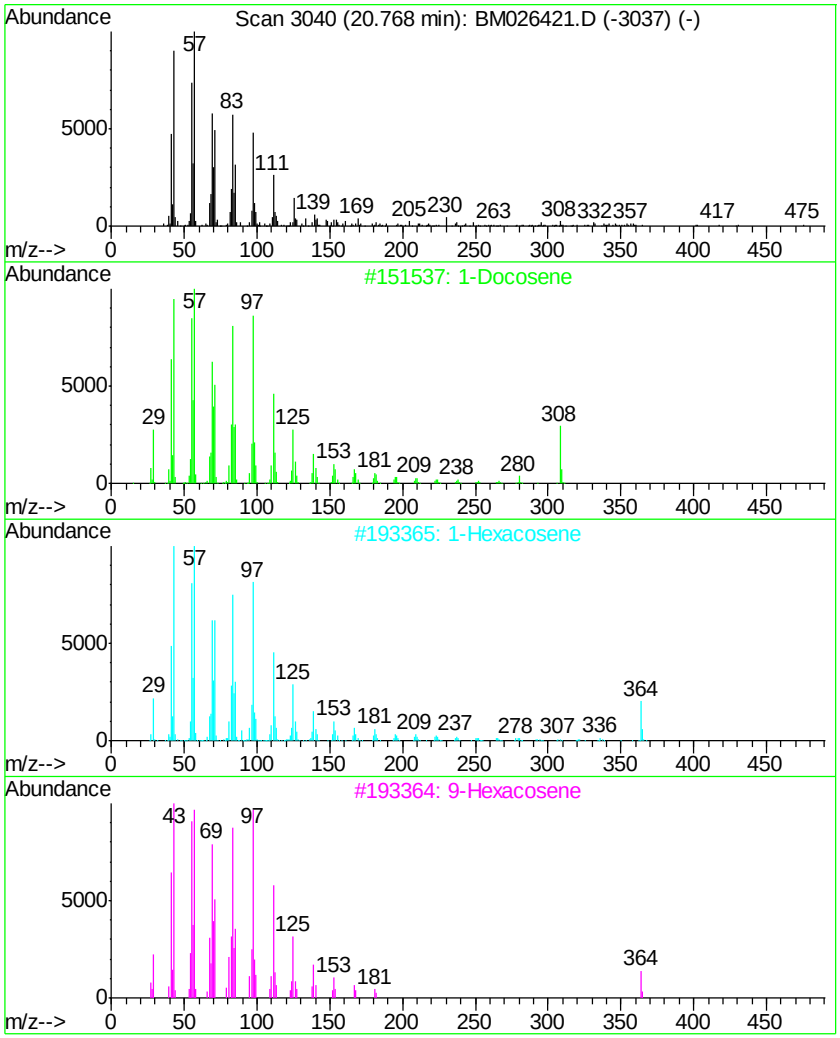
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

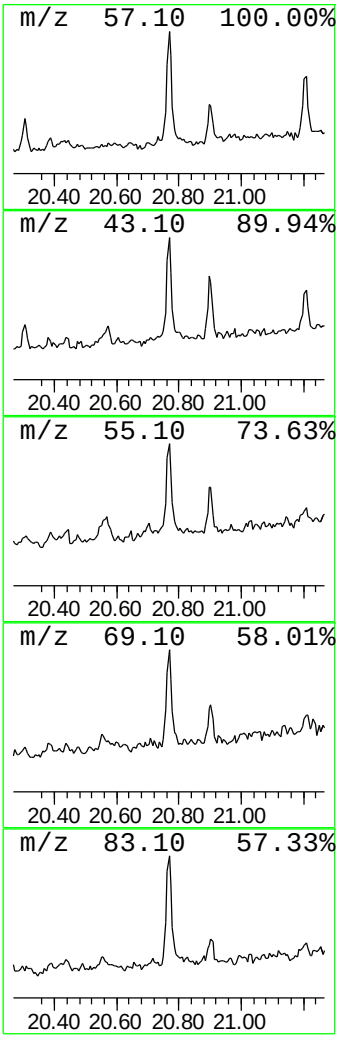
****

Peak Number 9 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	2.06 ng	193361	Chrysene-d12	21.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Hexacosene	364	C26H52	018835-33-1	93
3	9-Hexacosene	364	C26H52	071502-22-2	93
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM061620\
Data File : BM026421.D
Acq On : 16 Jun 2020 20:30
Operator : JU/CG
Sample : L2819-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BU-02-061020

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Hexadecanoic acid...	17.52	41.1	ng	3502480	4	16.80	1702360	20.0
10,13-Octadecadie...	18.67	196.9	ng	16761100	4	16.80	1702360	20.0
15-Octadecenoic a...	18.70	160.2	ng	13637700	4	16.80	1702360	20.0
Methyl stearate	18.84	22.5	ng	1915710	4	16.80	1702360	20.0
Phenol, 4,4'-(1-m...	19.28	29.6	ng	2786350	5	21.02	1881190	20.0
13-Oxabicyclo[9.3...	19.98	2.6	ng	241415	5	21.02	1881190	20.0
unknown20.04	20.04	2.2	ng	209276	5	21.02	1881190	20.0
1-Docosene	20.77	2.1	ng	193361	5	21.02	1881190	20.0