LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

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:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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	1.713	10	11	58	rVB	5217989	11405617	100.00%	20.638%
2	4.707	269	273	289	rBV	1624572	2960064	25.95%	5.356%
3	5.176	311	314	316	rBV	3500977	4480920	39.29%	8.108%
4	5.564	346	348	356	rVB	194968	246902	2.16%	0.447%
5	6.250	405	408	410	rBV	4080862	4456149	39.07%	8.063%
6	6.353	414	417	419	rBV	4695550	4506685	39.51%	8.154%
7	6.582	435	437	439	rBV	712533	891937	7.82%	1.614%
8	6.730	448	450	453	rBV	3069243	3163580	27.74%	5.724%
9	7.153	484	487	490	rBV	2843334	2871023	25.17%	5.195%
10	7.862	547	549	552	rBV	1212367	1163735	10.20%	2.106%
11	8.948	641	644	646	rBV	4887682	4816389	42.23%	8.715%
12	9.348	677	679	681	rBV	827774	705642	6.19%	1.277%
13	9.610	700	702	705	rVV	1455449	1310645	11.49%	2.372%
14	10.056	739	741	743	rBV	207288	161097	1.41%	0.291%
15	10.399	769	771	774	rBV2	2512619	3125375	27.40%	5.655%
16	10.525	780	782	789	rVB	226145	280919	2.46%	0.508%
17	11.085	829	831	835	rBV	1299590	1298103	11.38%	2.349%
18	12.296	935	937	939	rBV	121188	115639	1.01%	0.209%
19	12.514	954	956	959	rBV	81657	122038	1.07%	0.221%
20	12.674	967	970	972	rBV	4320190	4224036	37.03%	7.643%
21	13.599	1047	1051	1058	rBV2	97759	290903	2.55%	0.526%
22	13.714	1058	1061	1063	rBV	1088596	1180723	10.35%	2.136%
23	14.777	1152	1154	1158	rBV	243425	247016	2.17%	0.447%
24	15.062	1177	1179	1185	rBV	658994	799659	7.01%	1.447%
25	15.451	1210	1213	1217	rVB	113810	161835	1.42%	0.293%
26	18.388	1466	1470	1477	rVB	98972	279653	2.45%	0.506%

Sum of corrected areas: 55266284

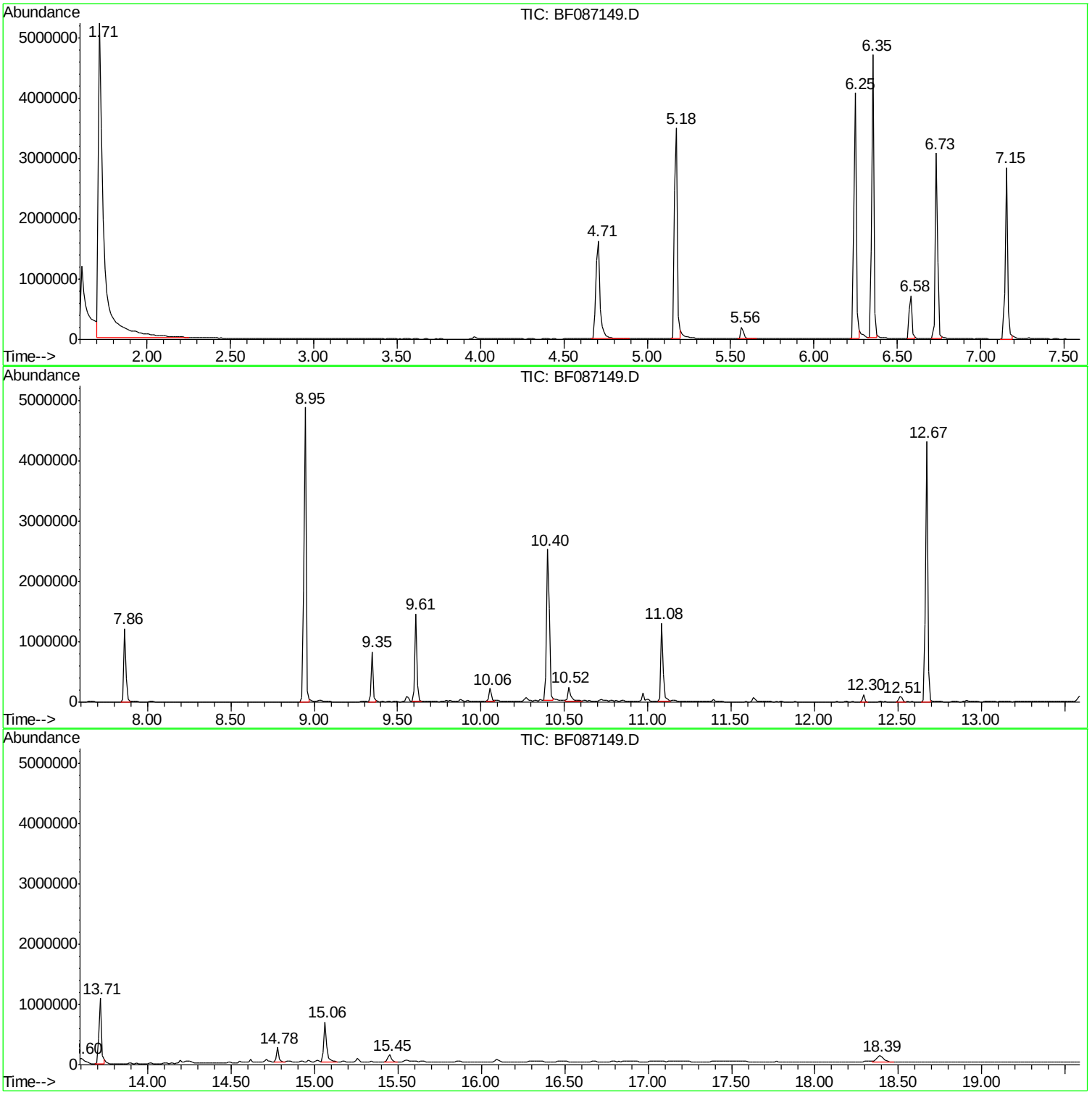
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

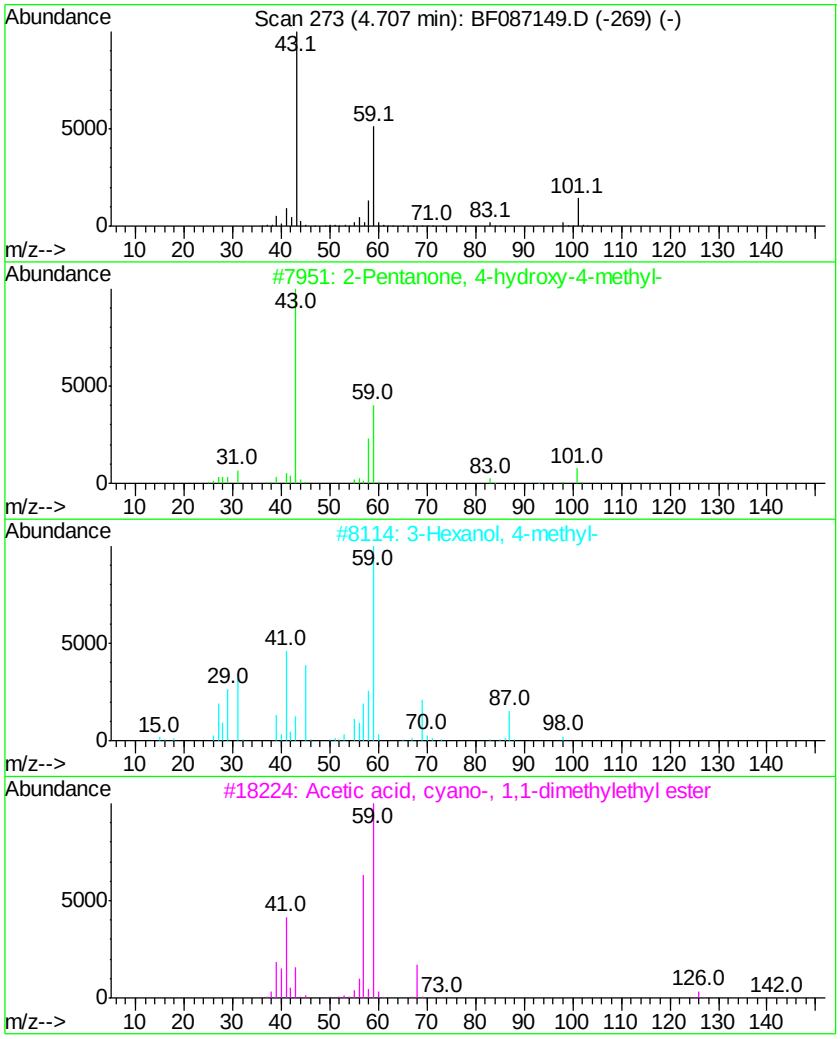
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

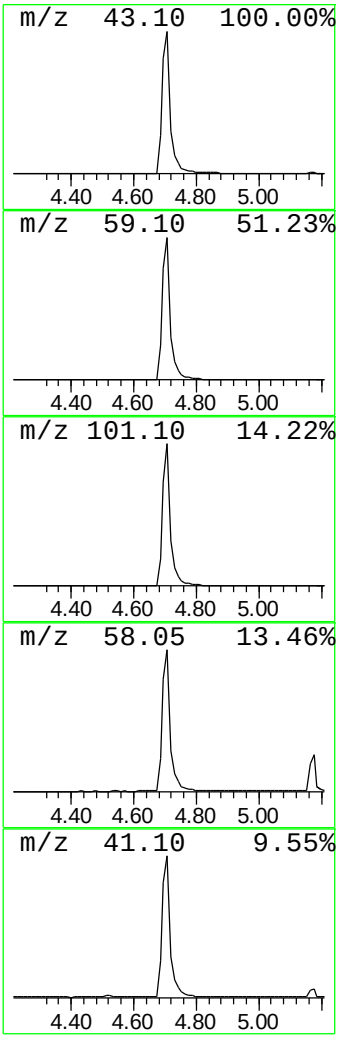
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	66.37 ng	2960060	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

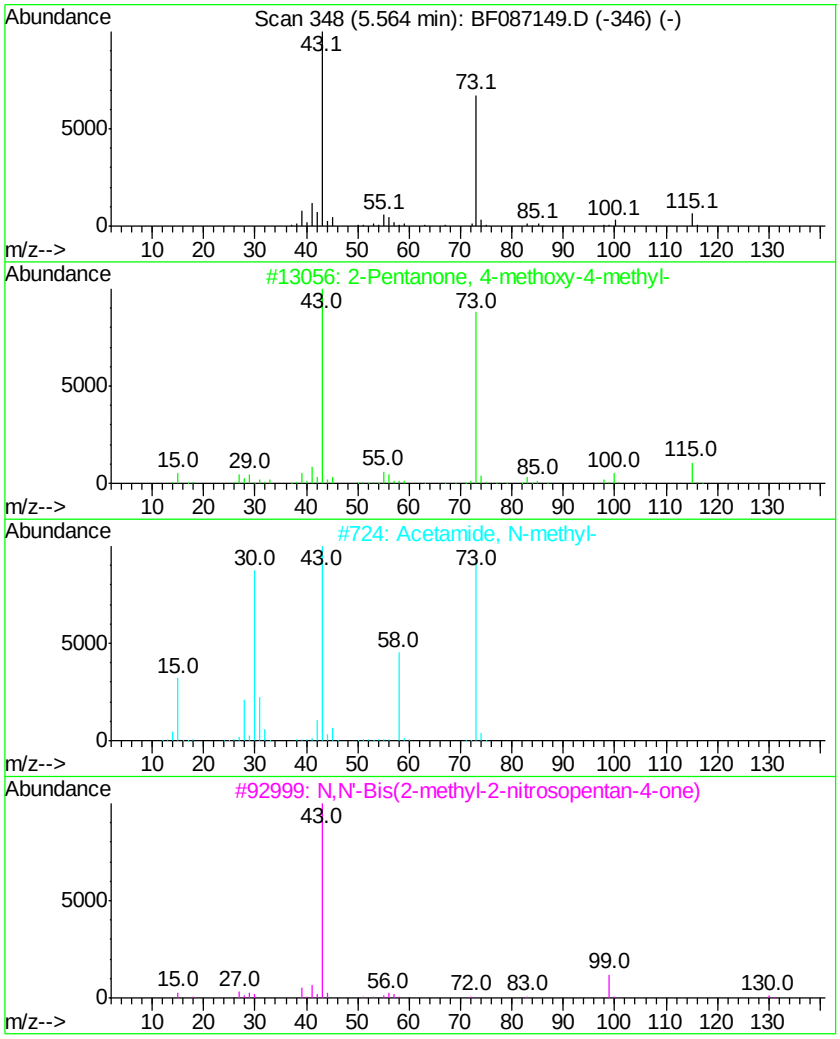
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

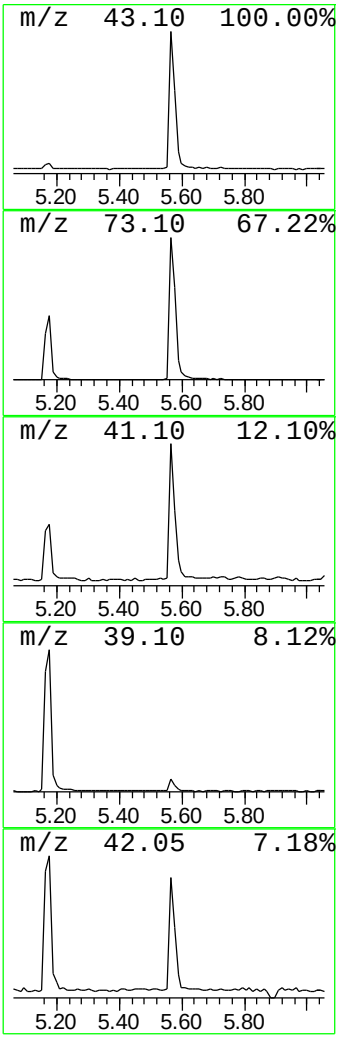
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	5.54 ng	246902	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
3	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	23
4	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	23
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

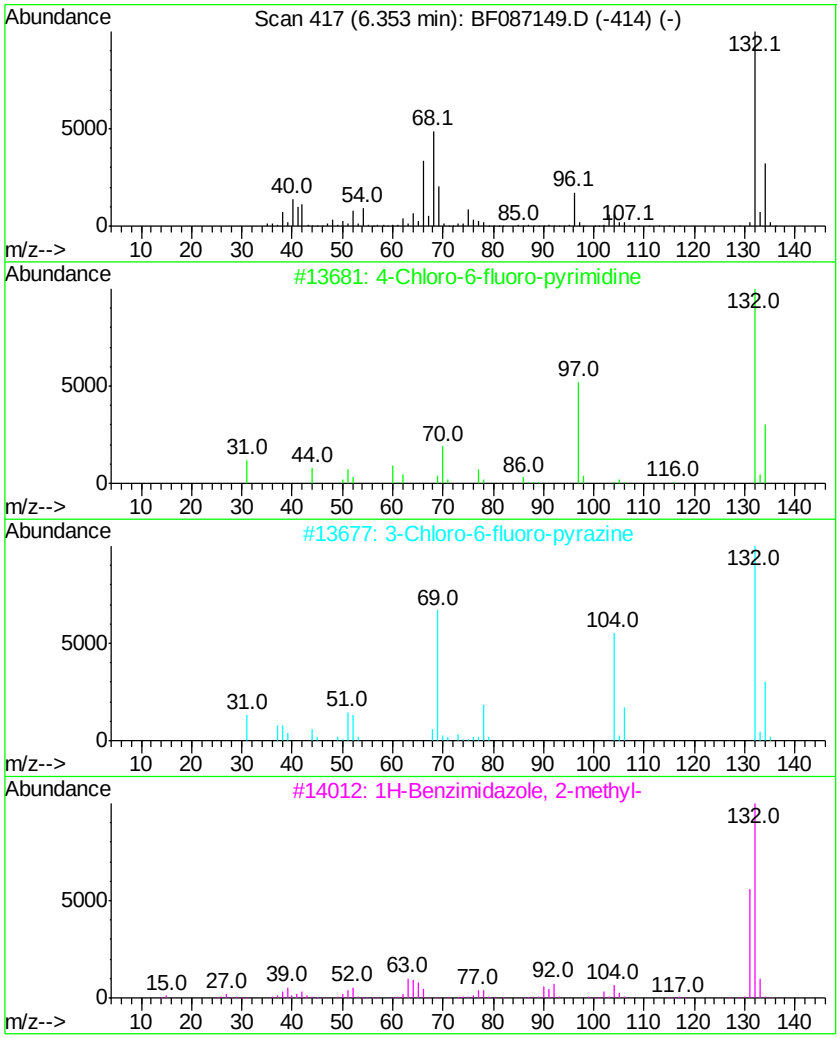
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

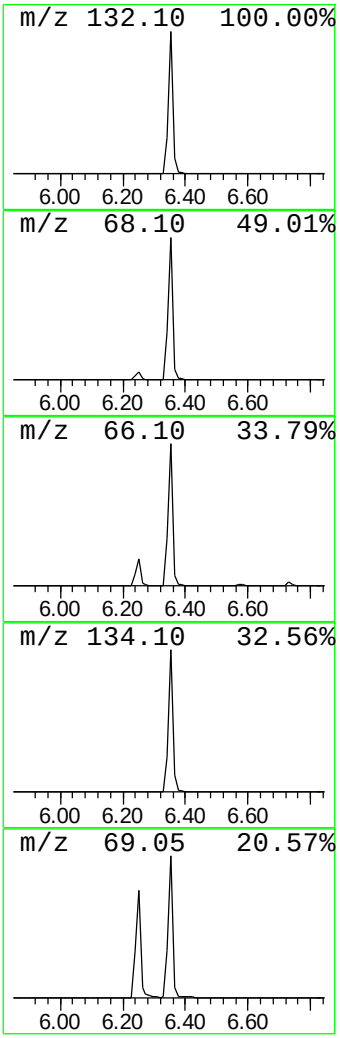
****

Peak Number 4 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	101.05 ng	4506690	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

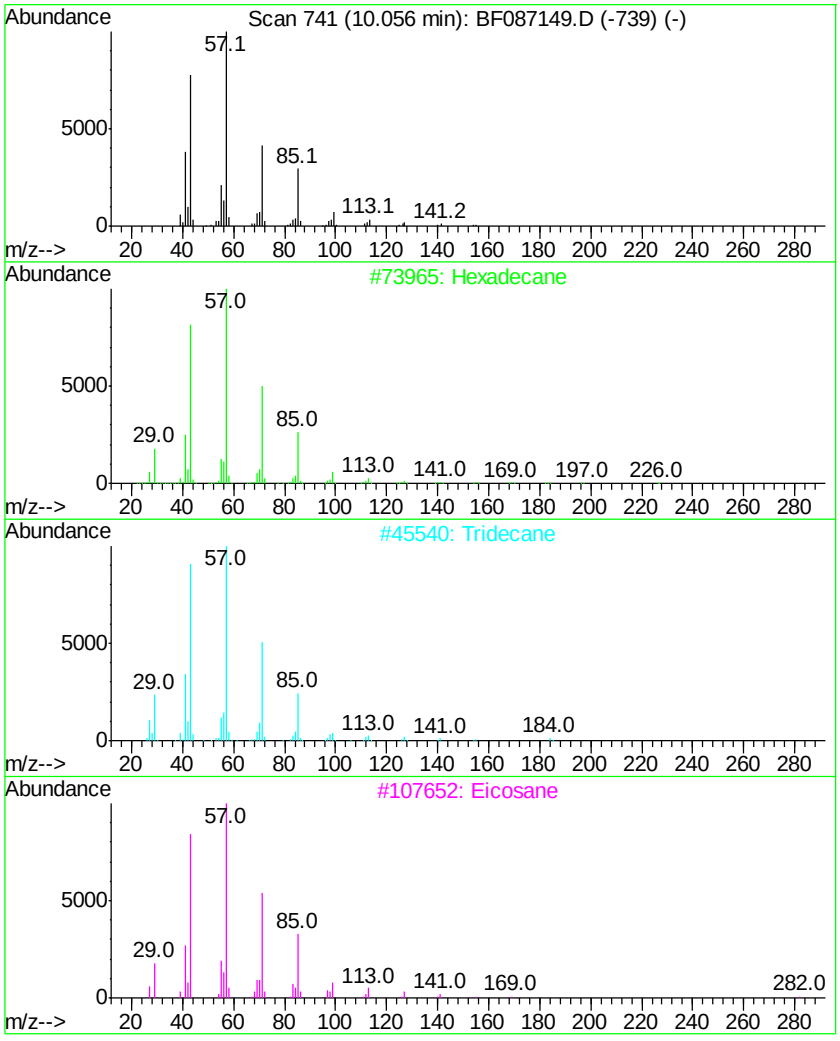
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

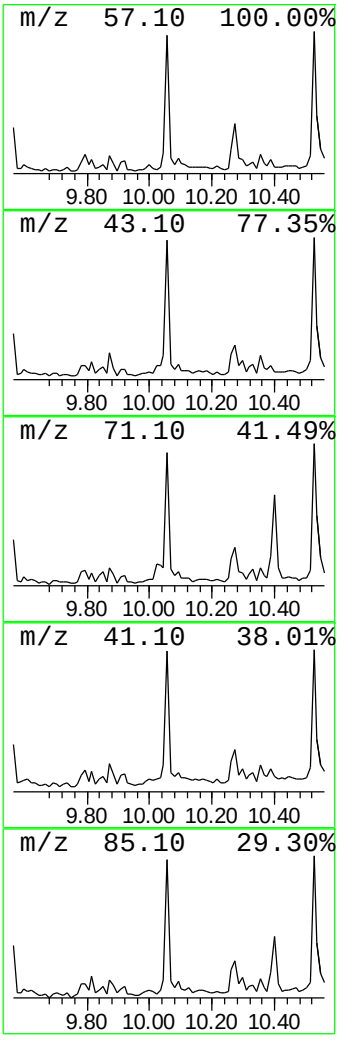
****

Peak Number 6 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.46 ng	161097	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tridecane	184	C13H28	000629-50-5	90
3	Eicosane	282	C20H42	000112-95-8	90
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

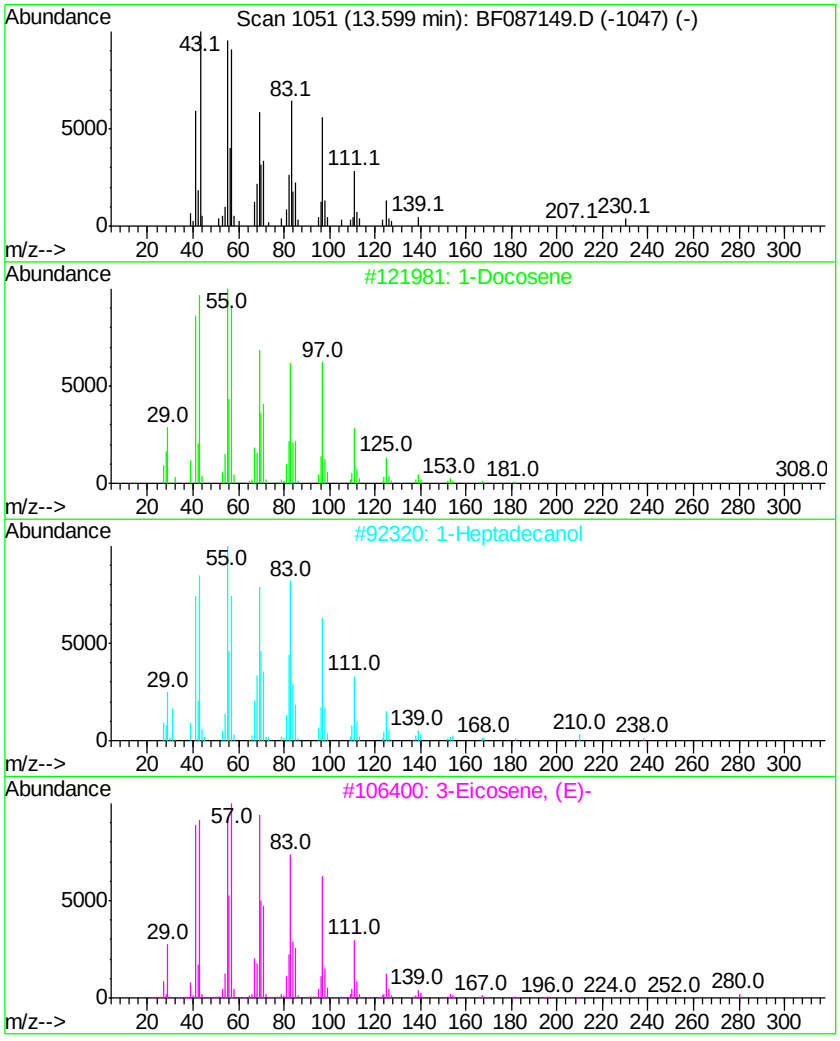
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

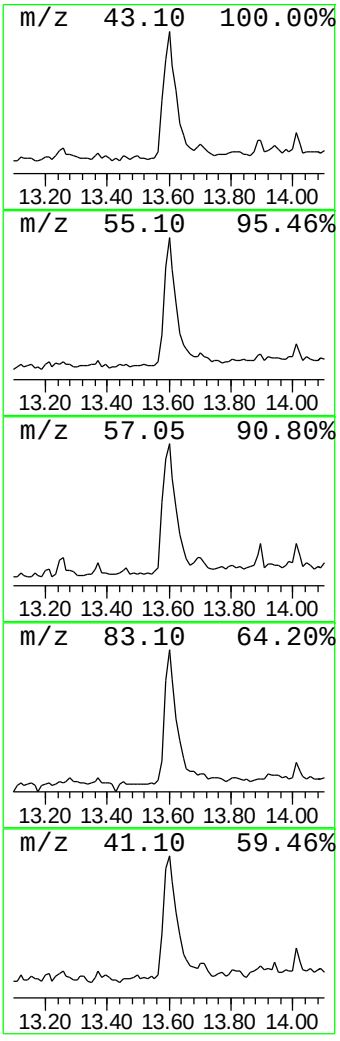
****

Peak Number 9 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	4.93 ng	290903	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Heptadecanol	256	C17H36O	001454-85-9	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	87





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

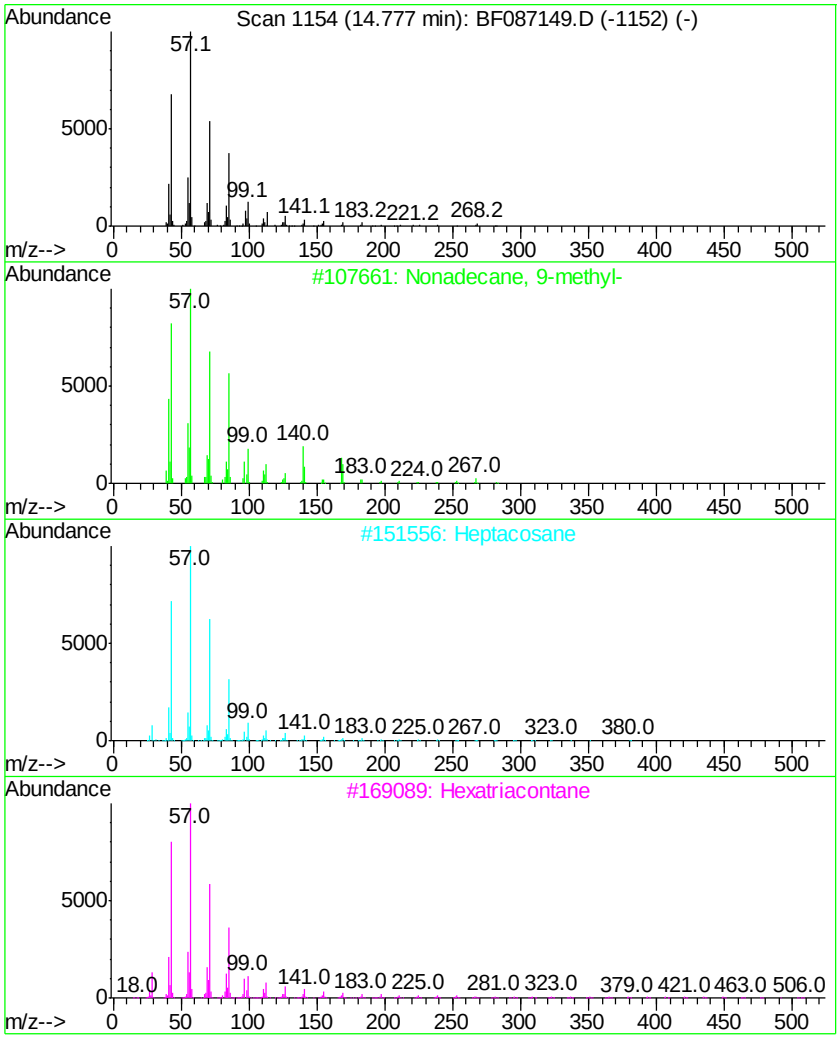
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

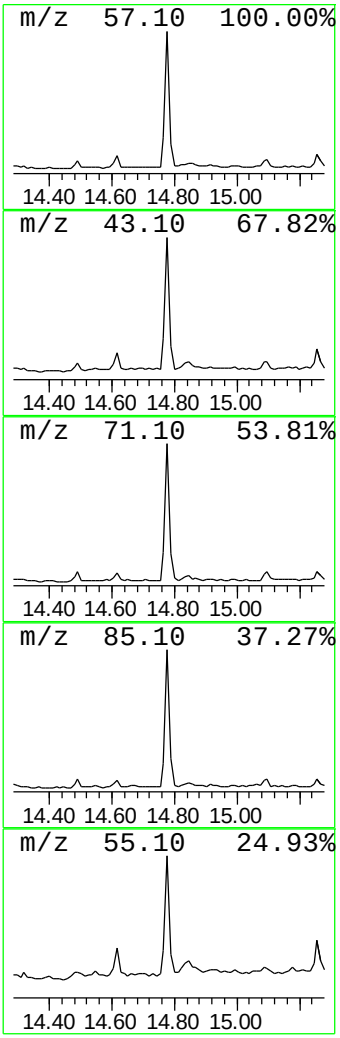
****

Peak Number 10 Nonadecane, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	6.18 ng	247016	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexatriacontane	507	C36H74	000630-06-8	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetracosane	338	C24H50	000646-31-1	90





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

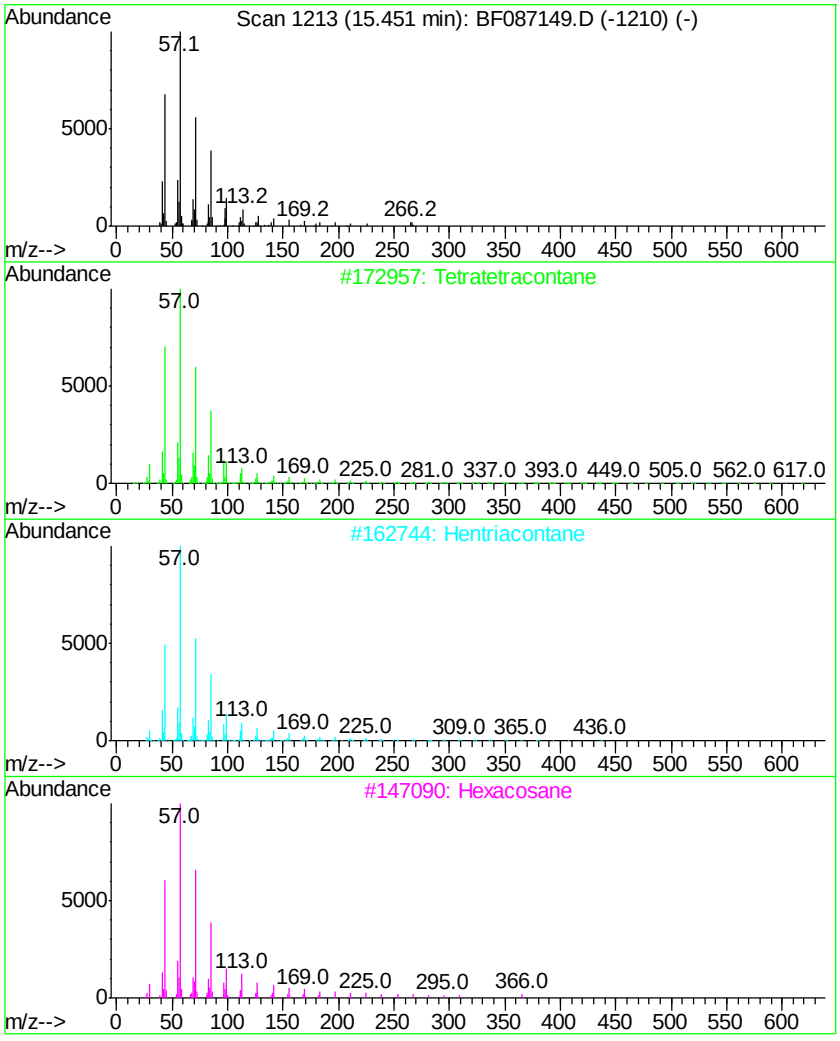
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

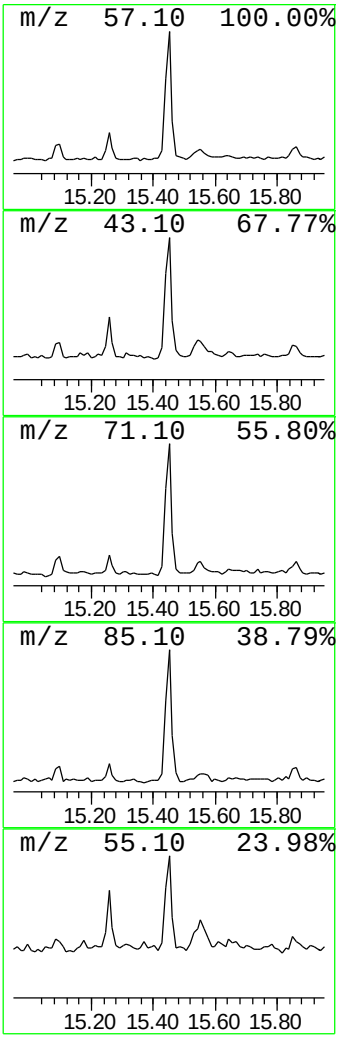
****

Peak Number 11 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	4.05 ng	161835	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	91
2	Hentriacontane	437	C31H64	000630-04-6	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Octacosane	394	C28H58	000630-02-4	91





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

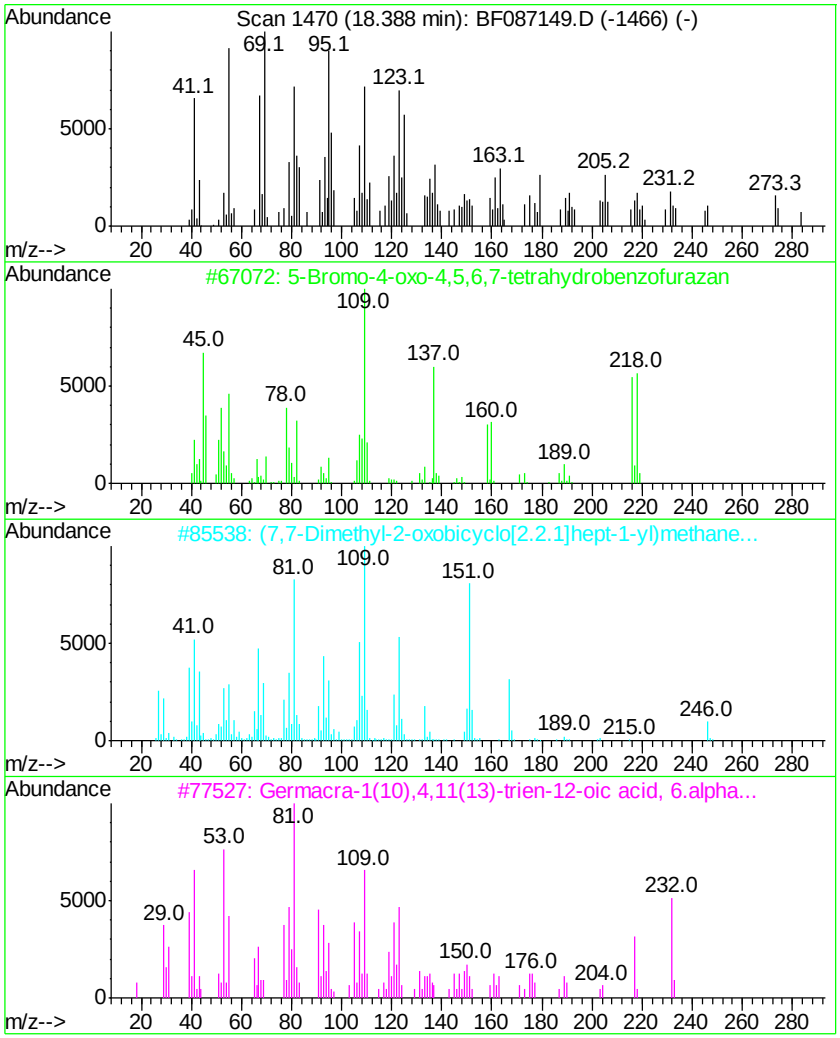
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

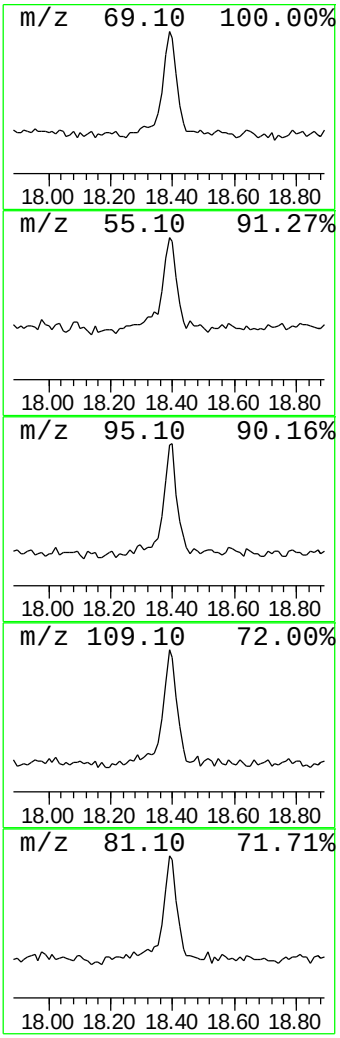
****

Peak Number 12 5-Bromo-4-oxo-4,5,6,7-tetra... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	6.99 ng	279653	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	80
2	(7,7-Dimethyl-2-oxobicyclo[2.2.1...	246	C11H18O4S	1000197-55-6	64
3	Germacra-1(10),4,11(13)-trien-12...	232	C15H20O2	000553-21-9	48
4	Allyl ionone 3	232	C16H24O	1000284-92-9	42
5	Aristolene epoxide	220	C15H24O	1000151-48-9	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051816\
Data File : BF087149.D
Acq On : 18 May 2016 17:51
Operator : UM/SJ
Sample : H3135-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SEWER-JOB

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.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
2-Pentanone, 4-hy...	4.71	66.4	ng	2960060	1	6.58	891937	20.0
2-Pentanone, 4-me...	5.56	5.5	ng	246902	1	6.58	891937	20.0
unknown6.35	6.35	101.1	ng	4506690	1	6.58	891937	20.0
Hexadecane	10.06	2.5	ng	161097	3	9.61	1310650	20.0
1-Docosene	13.60	4.9	ng	290903	5	13.71	1180720	20.0
Nonadecane, 9-met...	14.78	6.2	ng	247016	6	15.06	799659	20.0
Tetratetracontane	15.45	4.0	ng	161835	6	15.06	799659	20.0
5-Bromo-4-oxo-4,5...	18.39	7.0	ng	279653	6	15.06	799659	20.0