LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

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-BF081715.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	3.976	171	174	180	rVB	58391	93203	3.65%	0.398%
2	4.741	236	241	243	rBV	1263796	2418971	94.71%	10.337%
3	5.187	276	280	282	rBV	1937597	2300913	90.09%	9.832%
4	5.599	314	316	320	rVB	85094	76815	3.01%	0.328%
5	6.262	370	374	376	rBV	2135021	2554000	100.00%	10.914%
6	6.376	381	384	386	rBV	2294686	2307815	90.36%	9.862%
7	6.604	402	404	406	rBV	549546	443136	17.35%	1.894%
8	6.764	415	418	420	rBV	1912070	1716673	67.22%	7.336%
9	7.176	451	454	457	rBV	1340549	1408800	55.16%	6.020%
10	7.896	514	517	519	rBV	501368	570776	22.35%	2.439%
11	8.970	608	611	614	rBV	2318602	2326309	91.08%	9.941%
12	9.370	644	646	648	rBV	475221	435702	17.06%	1.862%
13	9.633	667	669	672	rBV	713449	633639	24.81%	2.708%
14	10.091	707	709	710	rVB	40395	39151	1.53%	0.167%
15	10.422	735	738	740	rBV	1468086	1445878	56.61%	6.178%
16	10.559	748	750	754	rBV	55071	74916	2.93%	0.320%
17	11.005	786	789	790	rBV	40482	42930	1.68%	0.183%
18	11.108	796	798	800	rBV	815577	703979	27.56%	3.008%
19	12.536	920	923	925	rBV	59523	64095	2.51%	0.274%
20	12.696	934	937	939	rBV	2190529	2272229	88.97%	9.710%
21	13.177	974	979	982	rBV4	7581	28315	1.11%	0.121%
22	13.234	982	984	987	rVV	57015	63000	2.47%	0.269%
23	13.279	987	988	991	rVV2	19881	26879	1.05%	0.115%
24	13.611	1015	1017	1022	rBV	69593	153443	6.01%	0.656%
25	13.725	1024	1027	1029	rVV	509980	528359	20.69%	2.258%
26	14.022	1051	1053	1057	rBV4	8044	26224	1.03%	0.112%
27	14.228	1068	1071	1072	rBV	24342	31734	1.24%	0.136%
28	14.514	1094	1096	1099	rBV2	25879	49511	1.94%	0.212%
29	14.811	1120	1122	1124	rVB	26919	36723	1.44%	0.157%
30	14.857	1124	1126	1132	rVB5	23761	64260	2.52%	0.275%
31	15.074	1142	1145	1147	rVB	287497	426777	16.71%	1.824%
32	15.485	1179	1181	1185	rVB2	20416	36966	1.45%	0.158%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

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-BF081715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

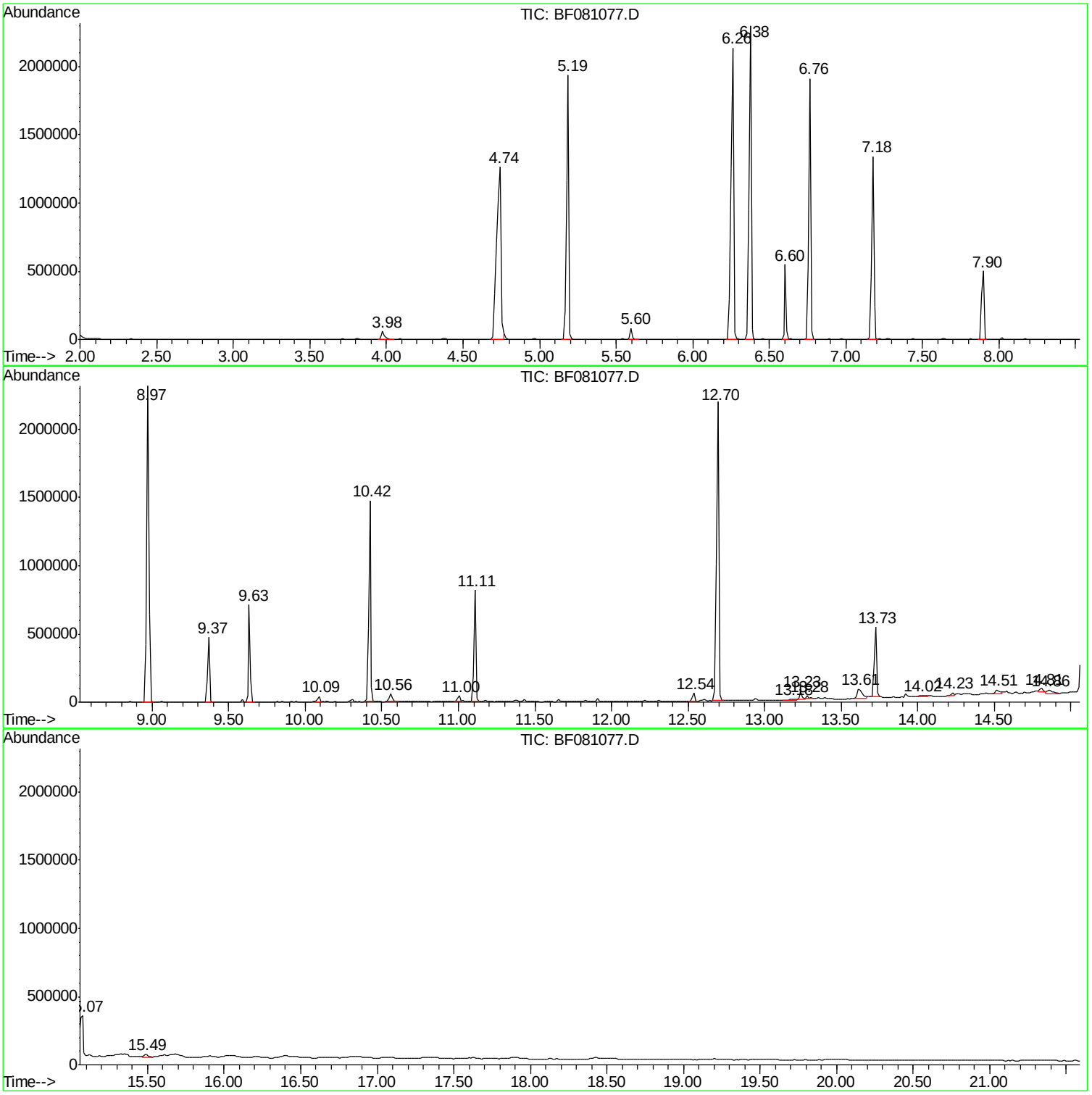
Sum of corrected areas: 23402121

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

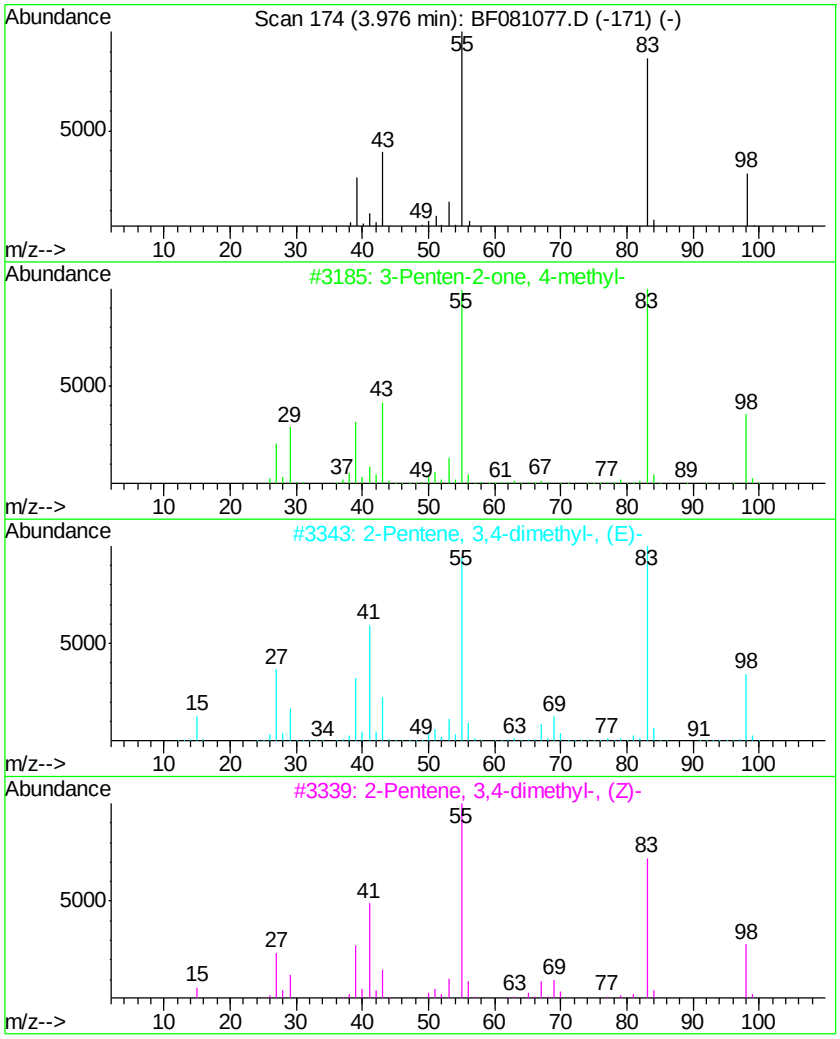
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

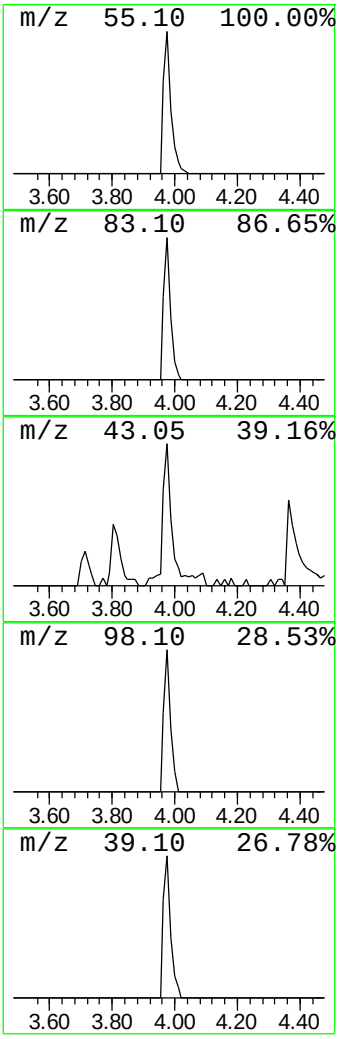
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	4.21 ng	93203	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

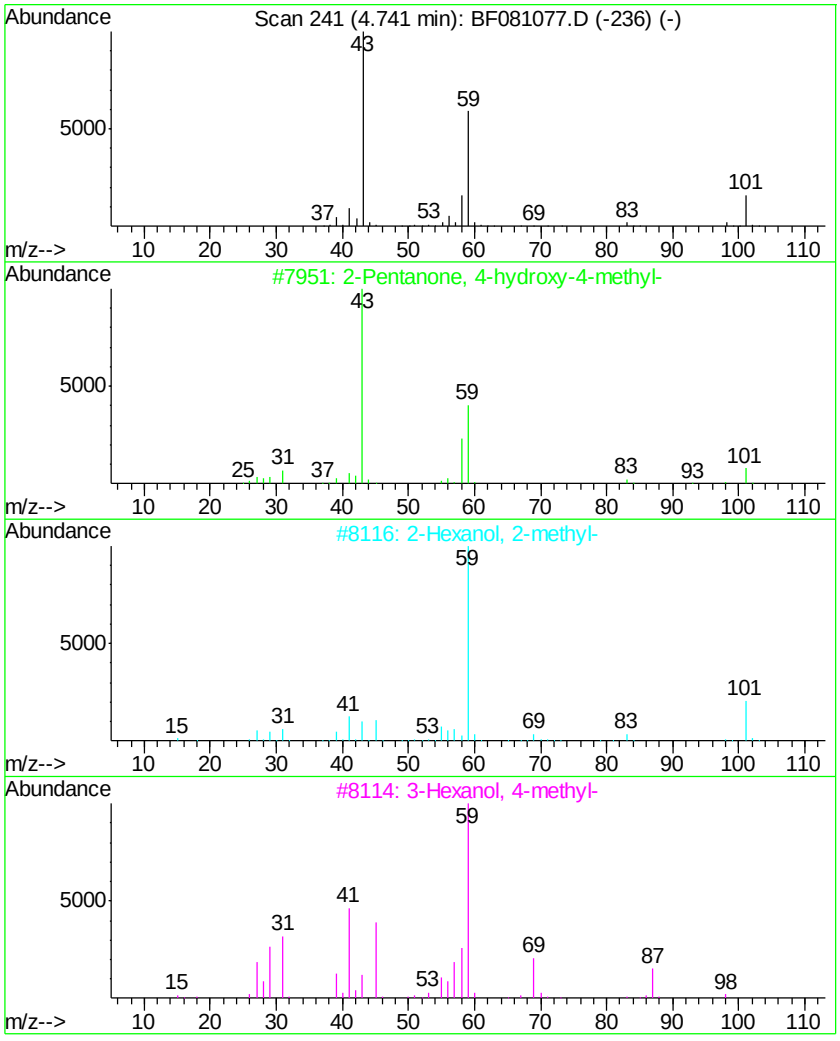
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

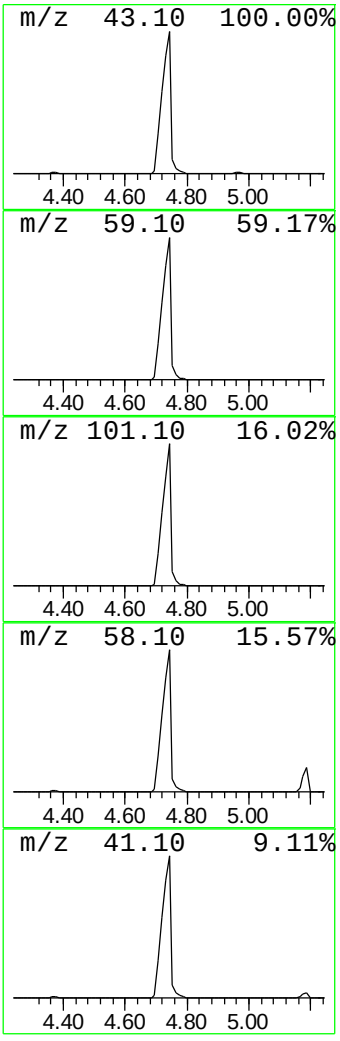
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.74	109.18 ng	2418970	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

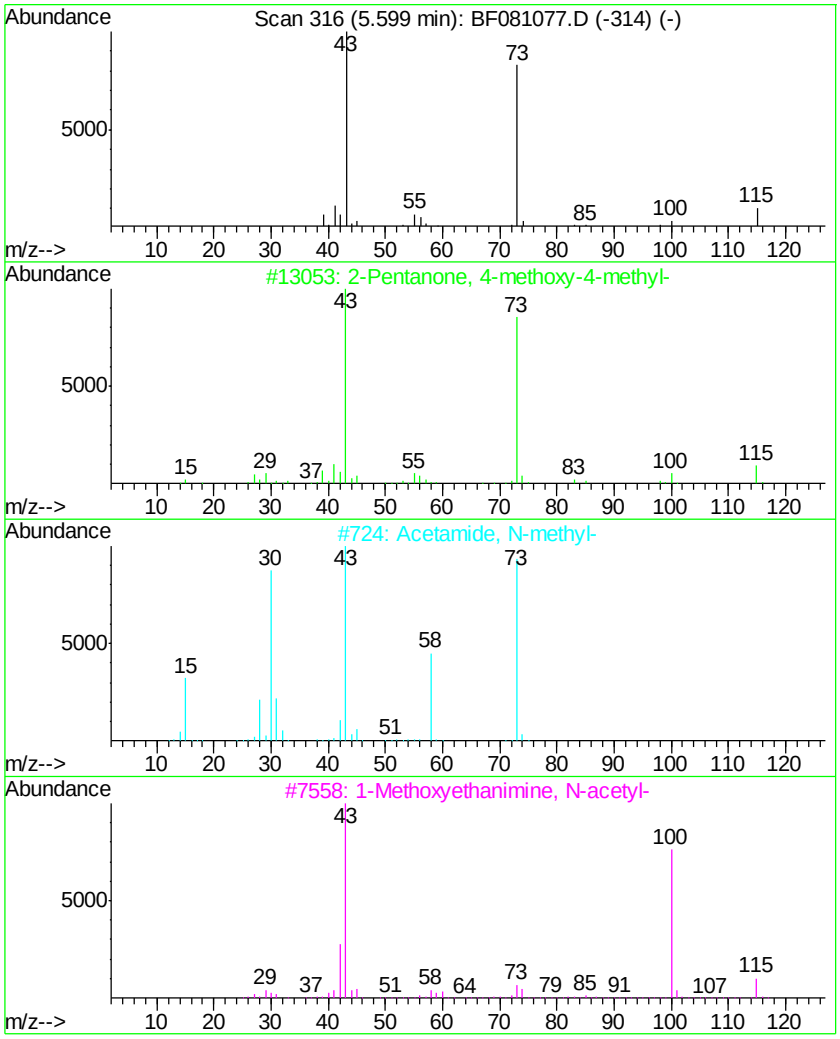
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

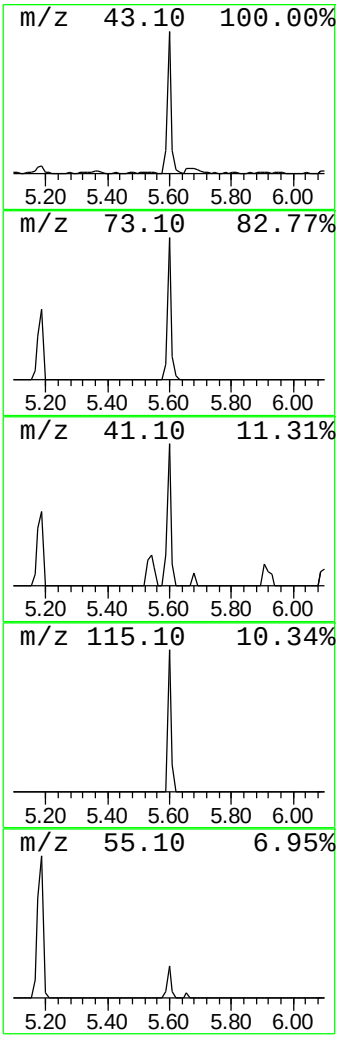
****

Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.60	3.47 ng	76815	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	25
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	17
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	9
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

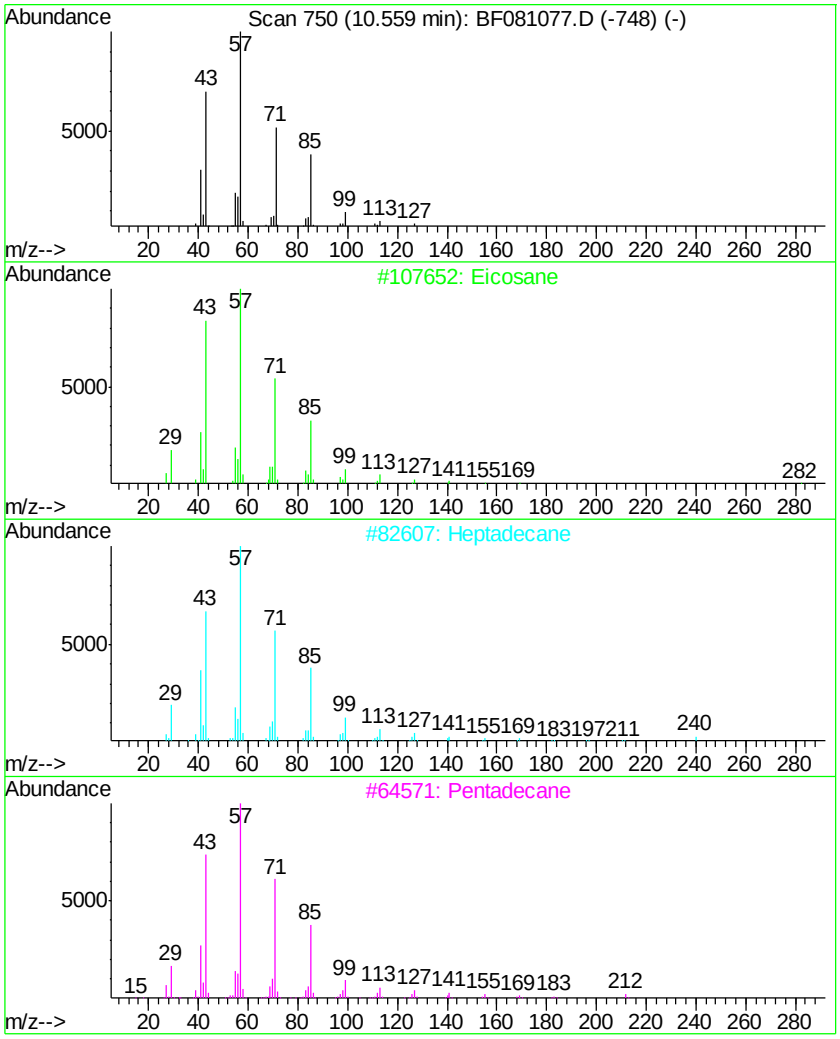
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

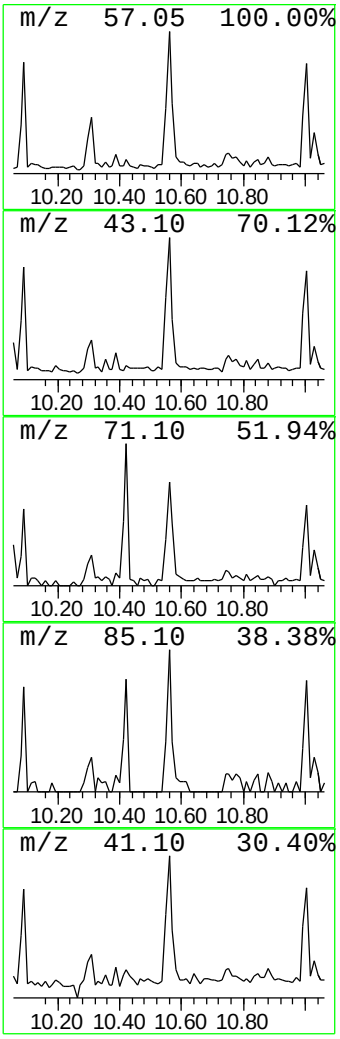
****

Peak Number 6 Eicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	2.13 ng	74916	Phenanthrene-d10	11.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tetradecane	198	C14H30	000629-59-4	80





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

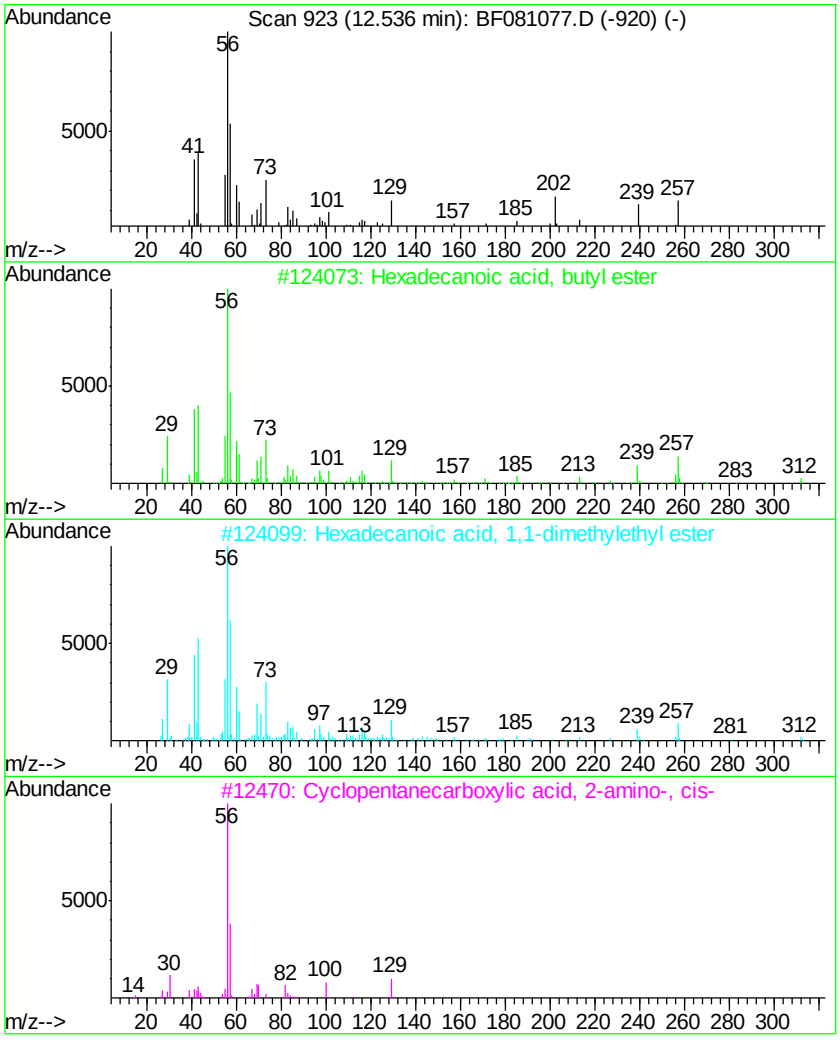
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

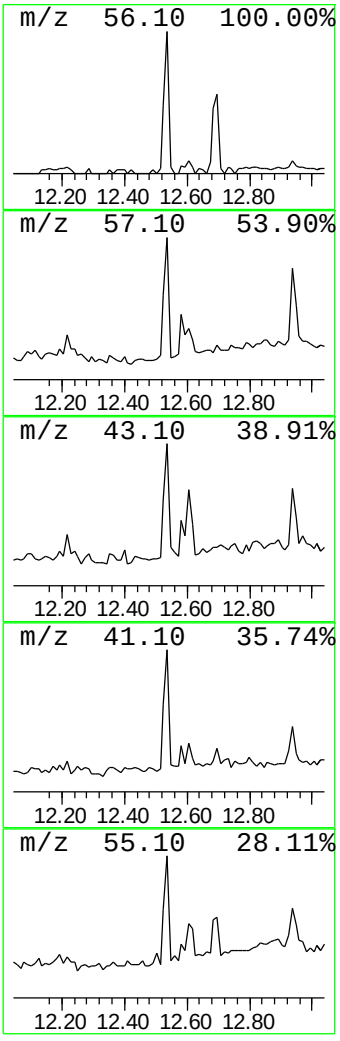
****

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	2.43 ng	64095	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
3	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	35
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	35
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

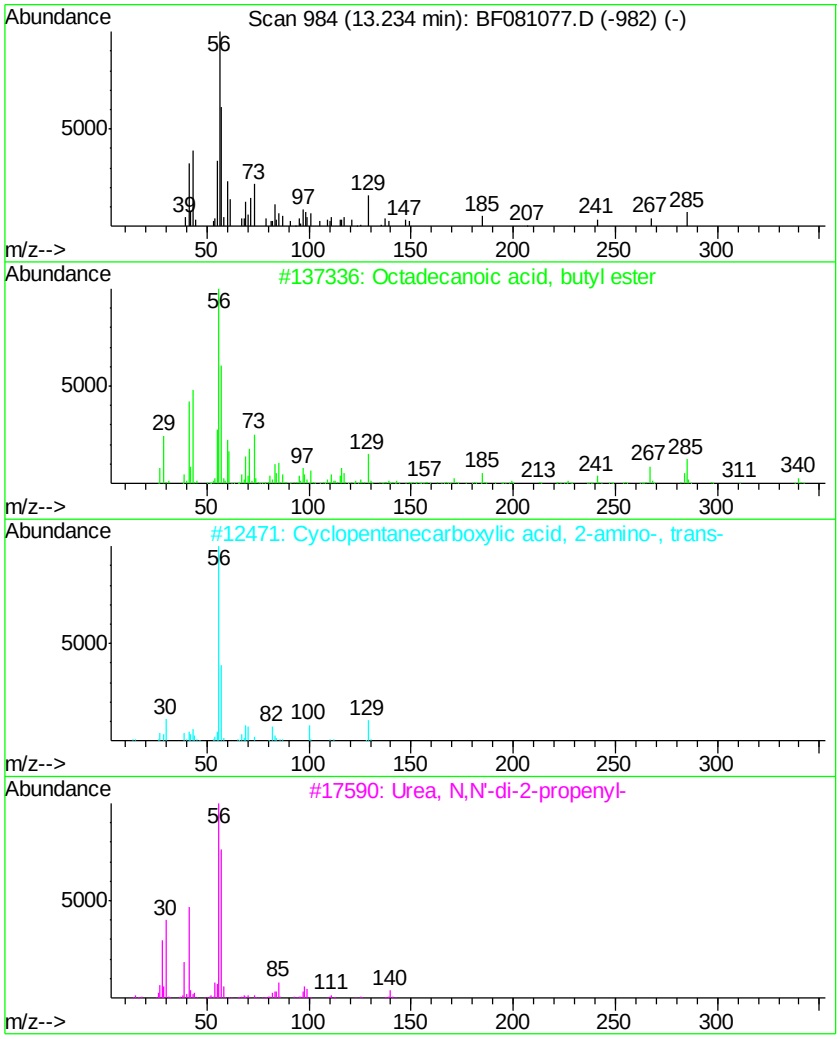
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

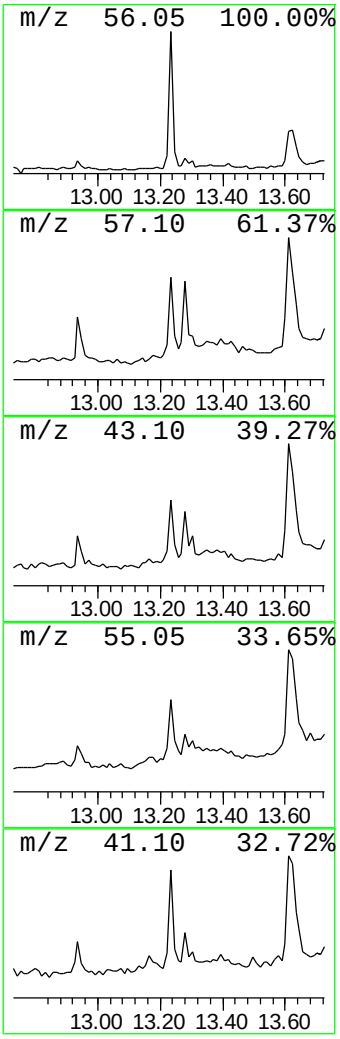
****

Peak Number 8 Octadecanoic acid, butyl ester Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	2.38 ng	63000	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
3	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	37
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	35





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

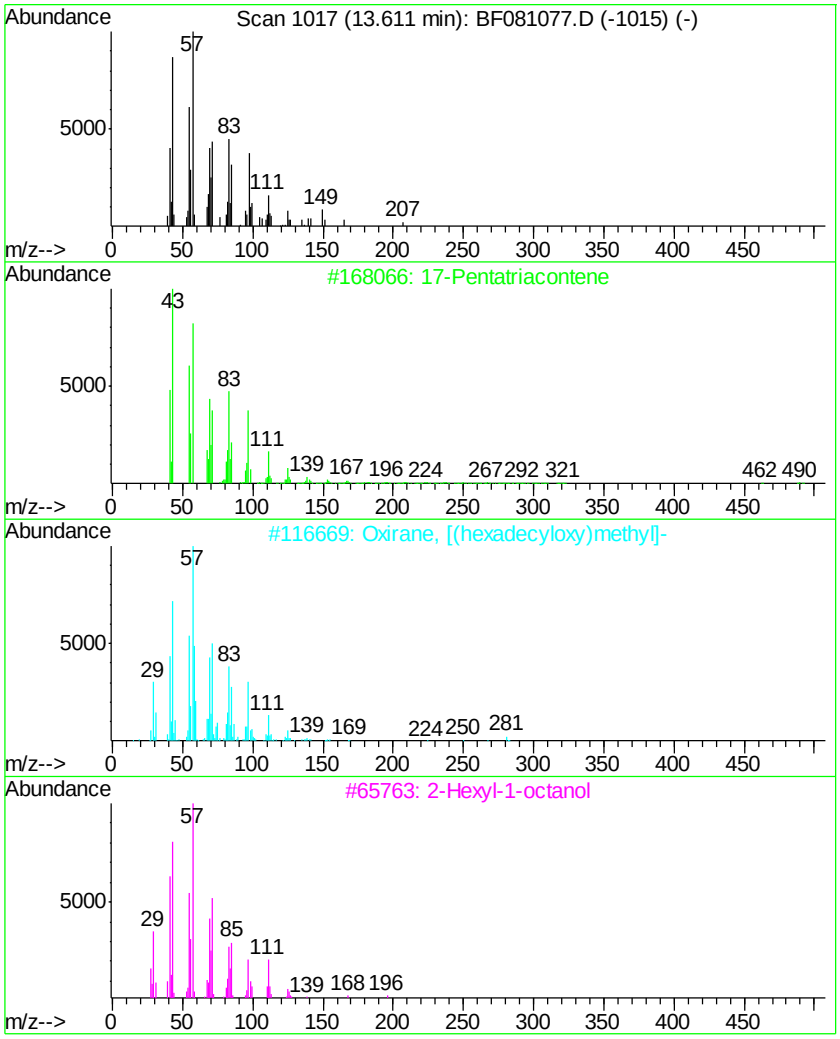
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

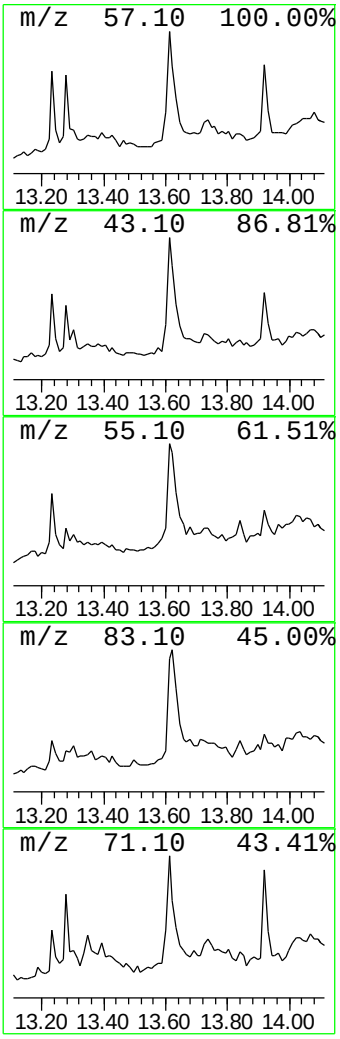
****

Peak Number 9 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.61	5.81 ng	153443	Chrysene-d12	13.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	86
2	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	86
3	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	74
4	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	74
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	72





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

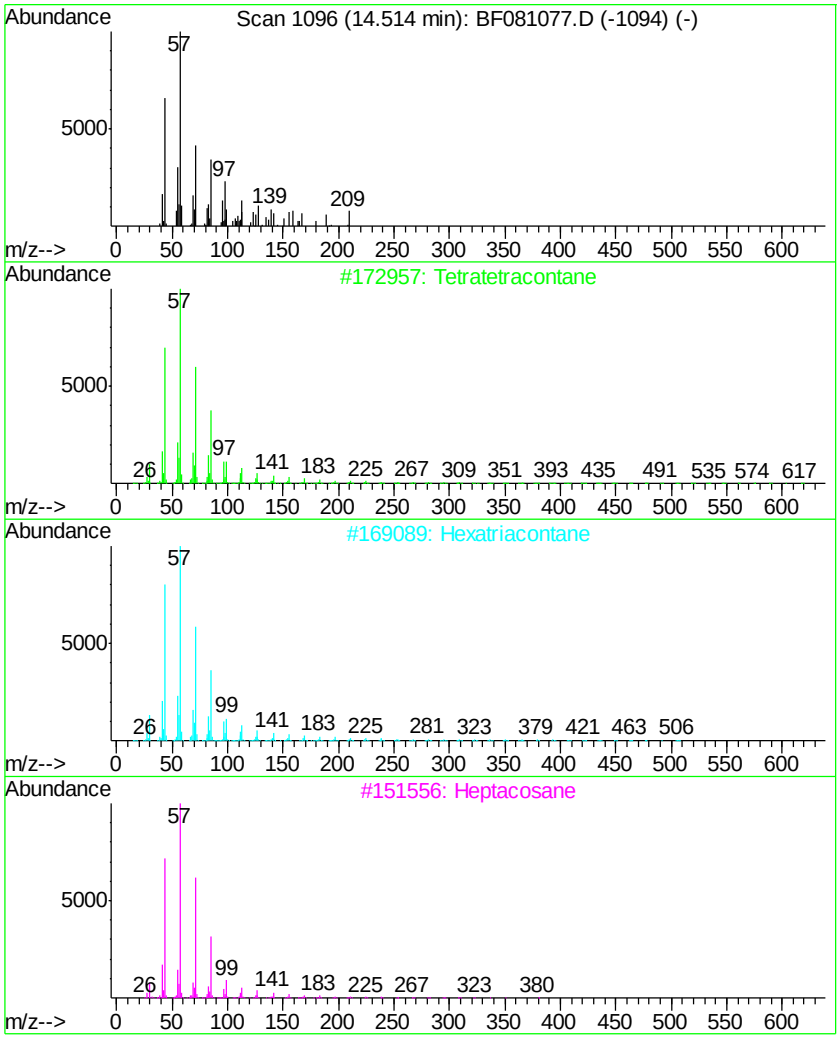
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

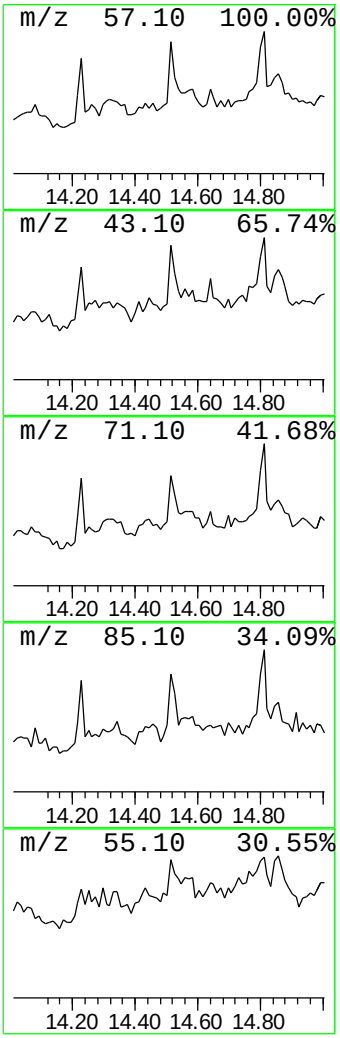
****

Peak Number 10 Tetratetracontane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.32 ng	49511	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	52
2	Hexatriacontane	507	C36H74	000630-06-8	52
3	Heptacosane	380	C27H56	000593-49-7	50
4	Tetracosane	338	C24H50	000646-31-1	50
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	47





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

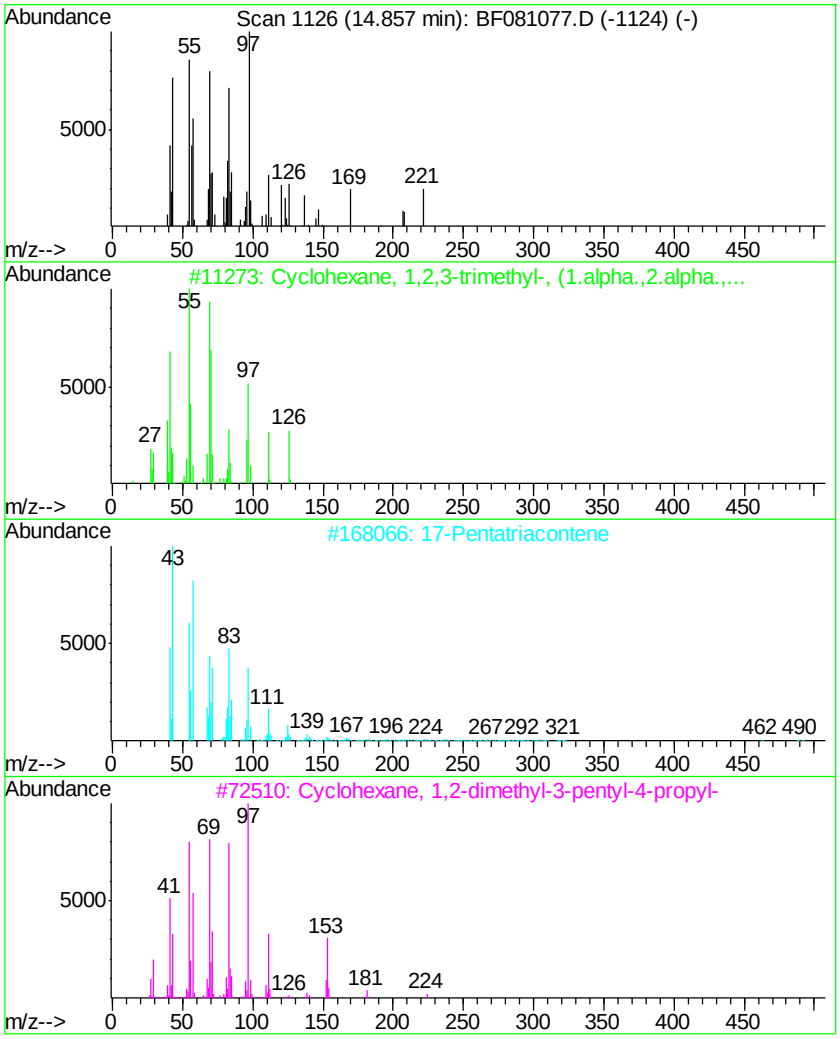
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

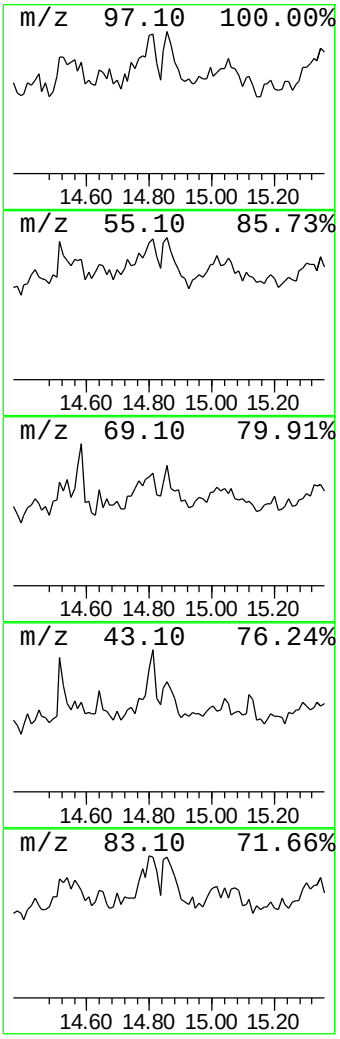
****

Peak Number 11 Cyclohexane, 1,2,3-trimethy... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.01 ng	64260	Perylene-d12	15.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	53
2	17-Pentatriacontene	491	C35H70	006971-40-0	52
3	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	52
4	1,2-Dodecanediol	202	C12H26O2	001119-87-5	47
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001678-81-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081815\
Data File : BF081077.D
Acq On : 19 Aug 2015 10:37
Operator : UM/IZ
Sample : G3253-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S32-9018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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
3-Penten-2-one, 4...	3.98	4.2	ng	93203	1	6.60	443136	20.0
2-Pentanone, 4-hy...	4.74	109.2	ng	2418970	1	6.60	443136	20.0
2-Pentanone, 4-me...	5.60	3.5	ng	76815	1	6.60	443136	20.0
Eicosane	10.56	2.1	ng	74916	4	11.11	703979	20.0
Hexadecanoic acid...	12.54	2.4	ng	64095	5	13.73	528359	20.0
Octadecanoic acid...	13.23	2.4	ng	63000	5	13.73	528359	20.0
17-Pentatriacontene	13.61	5.8	ng	153443	5	13.73	528359	20.0
Tetratetracontane	14.51	2.3	ng	49511	6	15.07	426777	20.0
Cyclohexane, 1,2,...	14.86	3.0	ng	64260	6	15.07	426777	20.0