LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-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:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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	4.076	172	174	180	rBV	205992	302086	6.46%	0.900%
2	4.796	234	237	244	rVB	439124	550751	11.79%	1.641%
3	5.241	274	276	279	rBV	1827911	2096150	44.86%	6.247%
4	6.304	367	369	377	rVB	1665770	1379955	29.53%	4.113%
5	6.430	377	380	382	rBV	4200294	4019109	86.01%	11.978%
6	6.659	397	400	402	rBV	1180033	973069	20.82%	2.900%
7	6.819	411	414	416	rVB	3732224	3774307	80.77%	11.249%
8	7.230	447	450	452	rBV	2833528	2765518	59.18%	8.242%
9	7.950	510	513	515	rBV	1055760	1230154	26.32%	3.666%
10	9.025	604	607	610	rBV	4617826	4673036	100.00%	13.927%
11	9.425	640	642	644	rBV	239971	203798	4.36%	0.607%
12	9.642	659	661	663	rBV	101874	81794	1.75%	0.244%
13	9.699	663	666	668	rBV	1169776	1295562	27.72%	3.861%
14	10.145	701	705	706	rBV2	122415	203862	4.36%	0.608%
15	10.362	721	724	727	rBV	47816	79476	1.70%	0.237%
16	10.488	732	735	737	rBV	2480833	2899273	62.04%	8.641%
17	10.613	744	746	753	rVB	165375	190869	4.08%	0.569%
18	11.059	783	785	786	rBV	77094	67126	1.44%	0.200%
19	11.173	793	795	797	rVB	1406937	1168974	25.02%	3.484%
20	12.591	918	919	921	rBV	66914	90814	1.94%	0.271%
21	12.762	931	934	936	rBV	3774929	3522823	75.39%	10.499%
22	13.299	979	981	983	rBV	72604	64955	1.39%	0.194%
23	13.677	1011	1014	1018	rBV	98150	181745	3.89%	0.542%
24	13.802	1023	1025	1027	rBV	968613	860963	18.42%	2.566%
25	14.591	1086	1094	1096	rBV	32316	56825	1.22%	0.169%
26	15.174	1142	1145	1147	rBV	715683	820416	17.56%	2.445%

Sum of corrected areas: 33553410

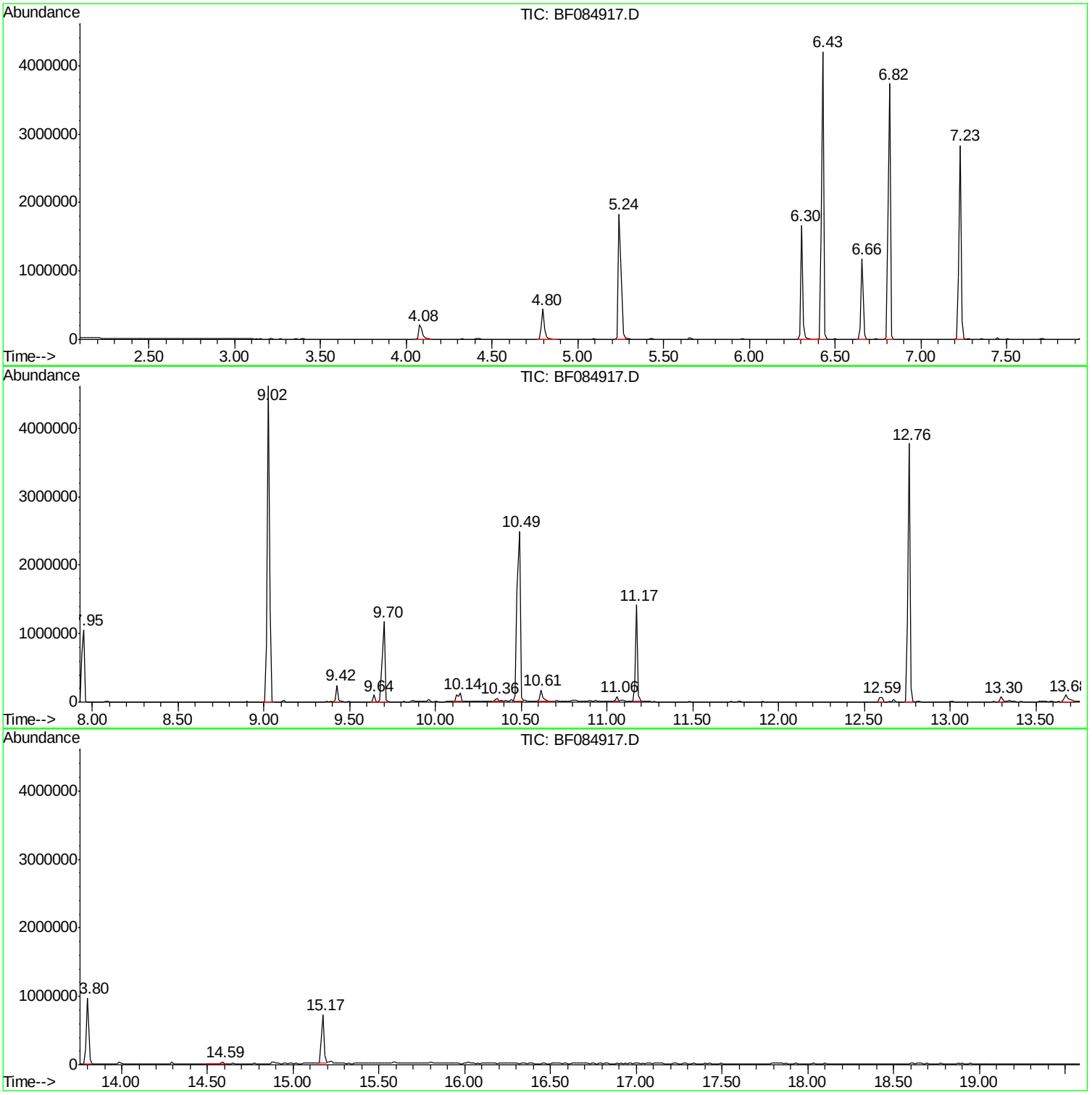
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

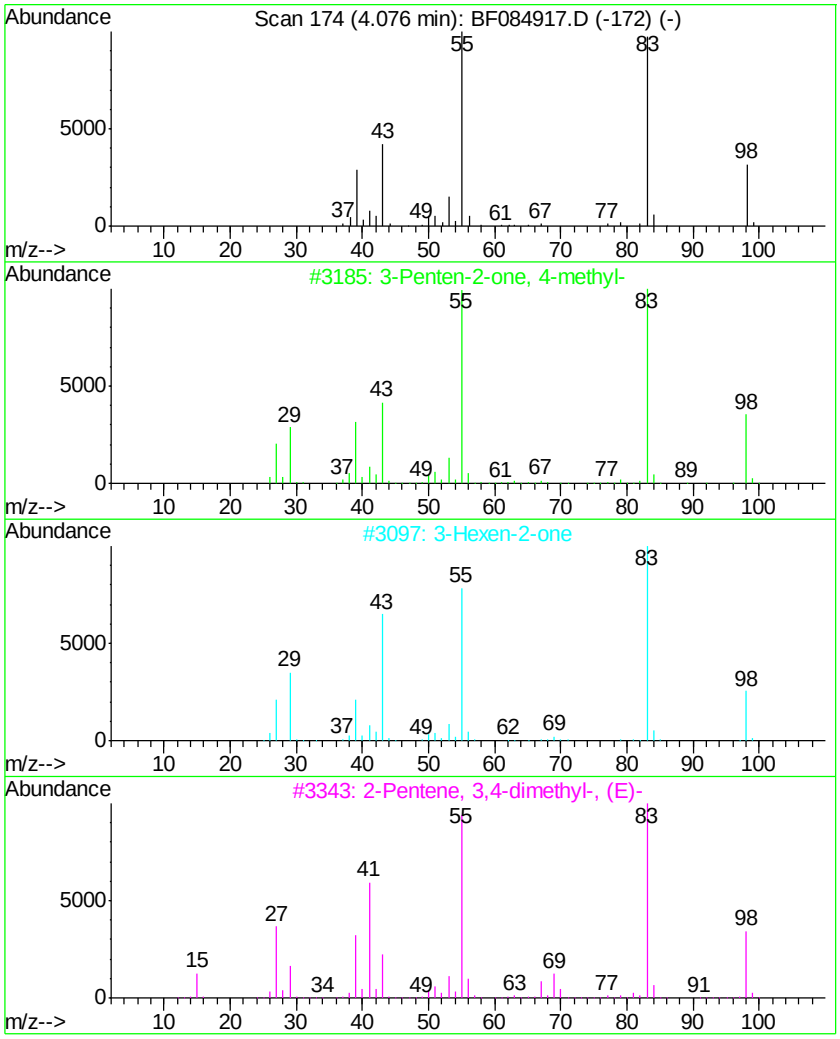
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

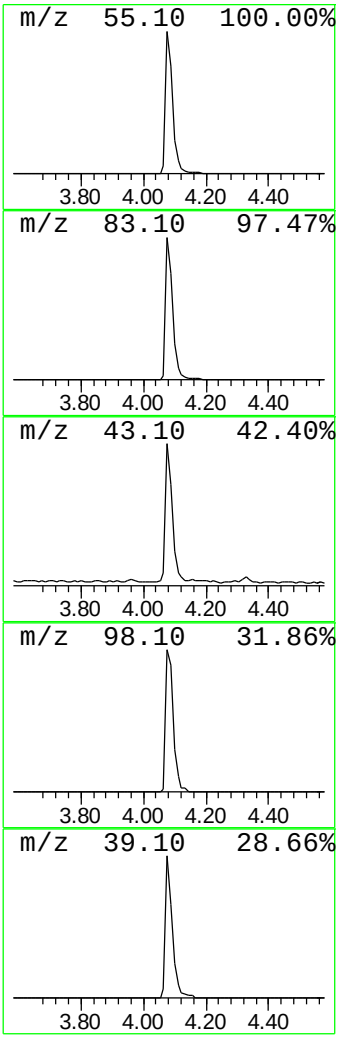
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	6.21 ng	302086	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

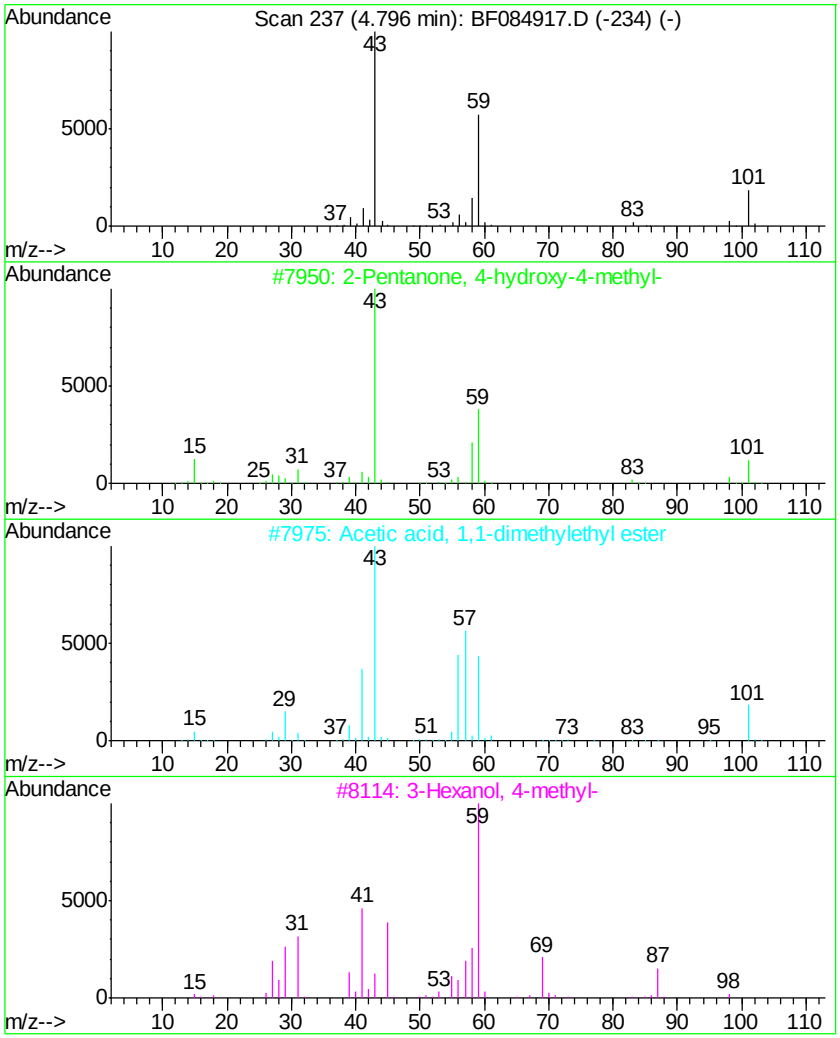
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

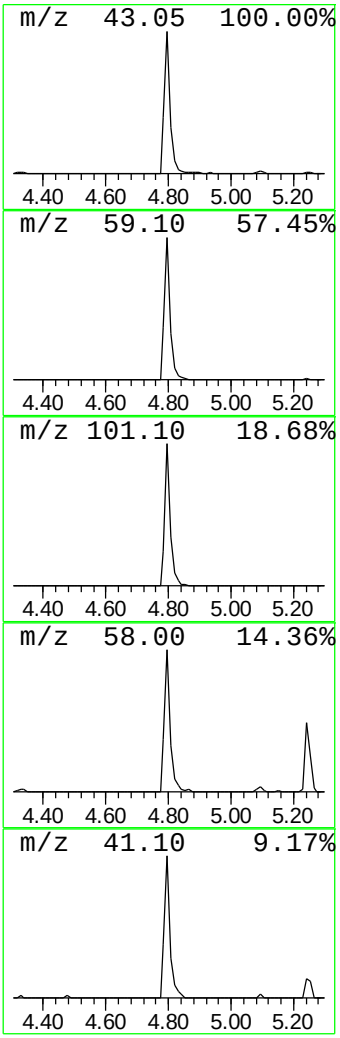
****

Peak Number 2 unknown4.80 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	11.32 ng	550751	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
5	3-Hexanol	102	C6H14O	000623-37-0	33





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

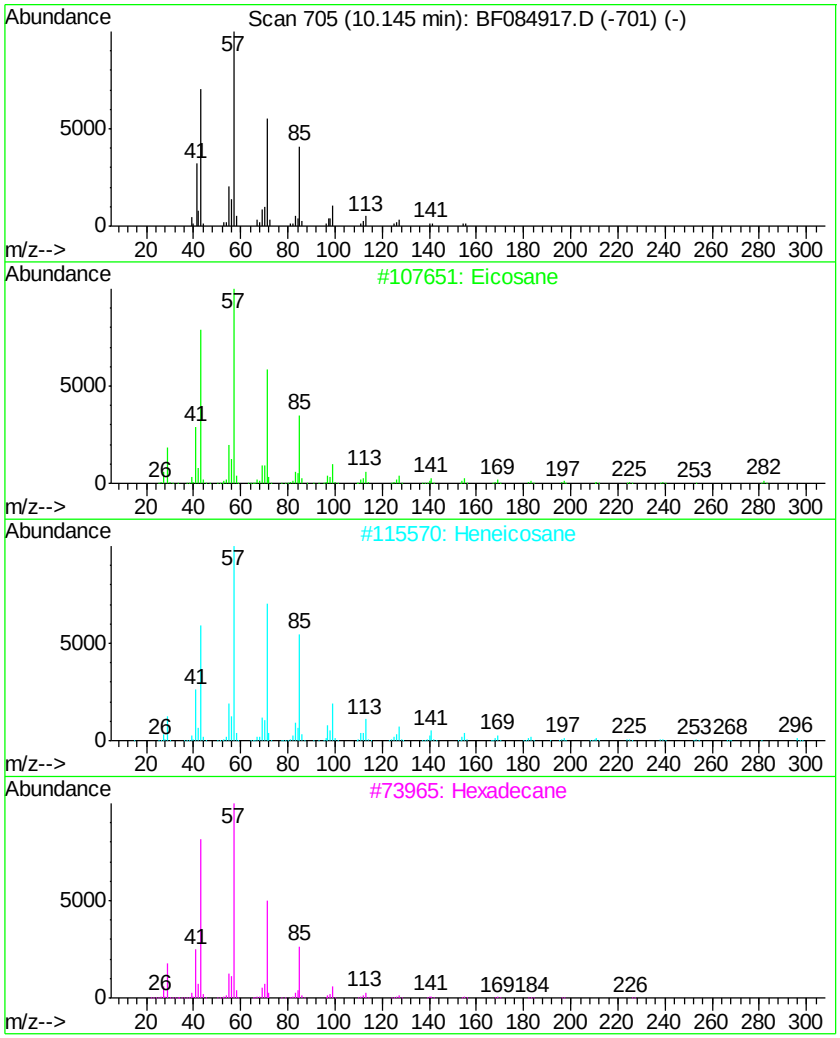
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

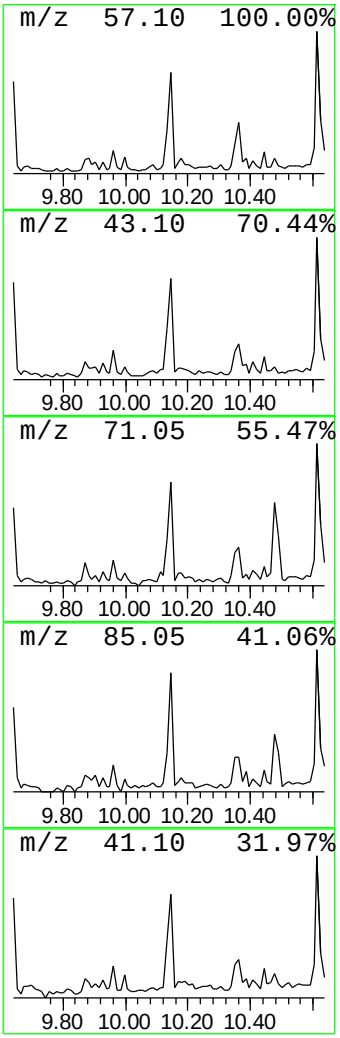
****

Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	3.15 ng	203862	Acenaphthene-d10	9.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	86
2	Heneicosane	296	C21H44	000629-94-7	83
3	Hexadecane	226	C16H34	000544-76-3	80
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Octadecane	254	C18H38	000593-45-3	59





Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

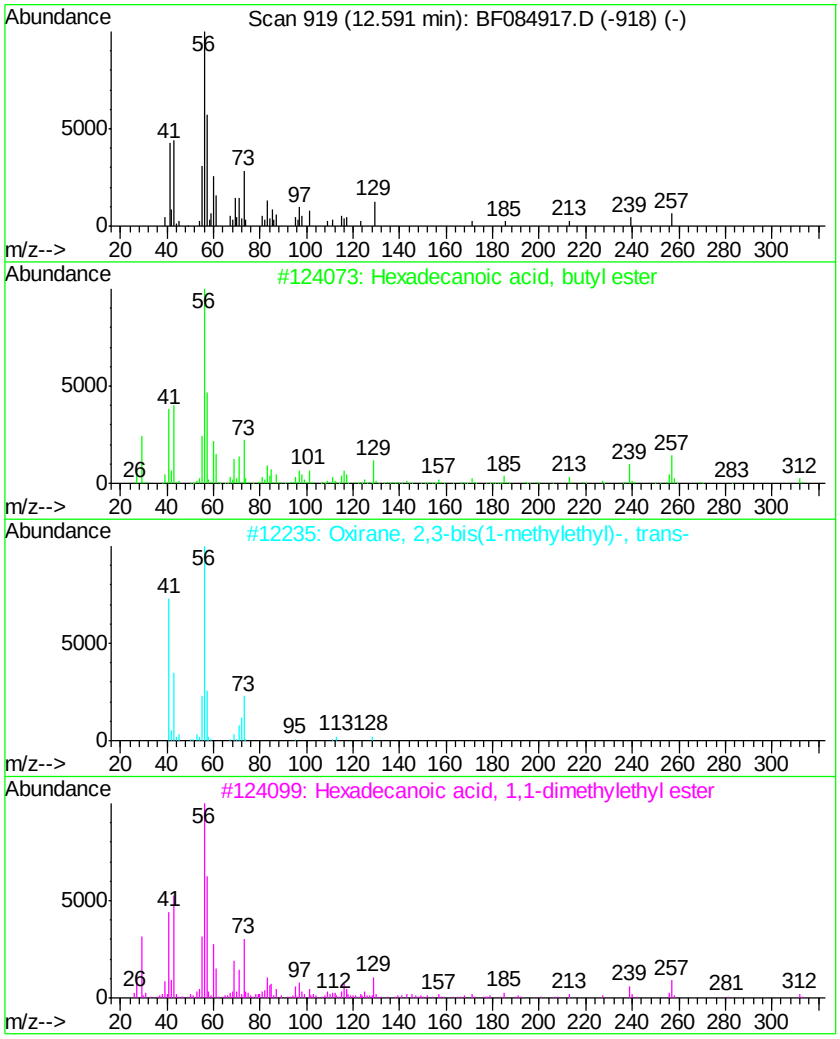
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

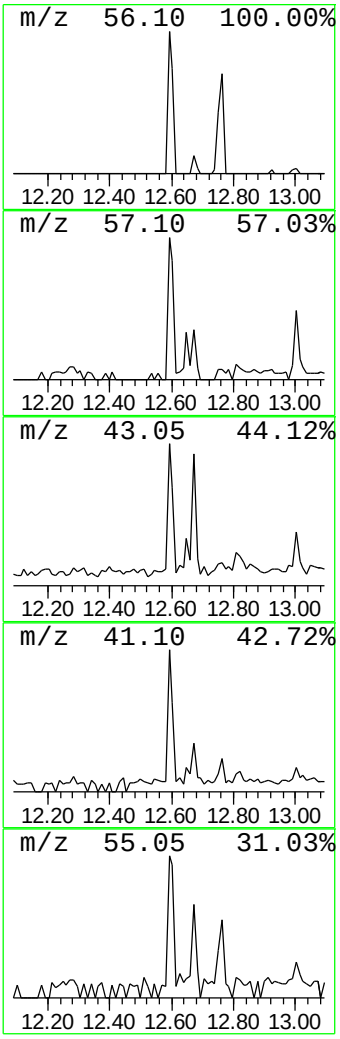
****

Peak Number 7 Hexadecanoic acid, butyl ester Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.11 ng	90814	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	87
2	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	43
3	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43
4	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43
5	Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

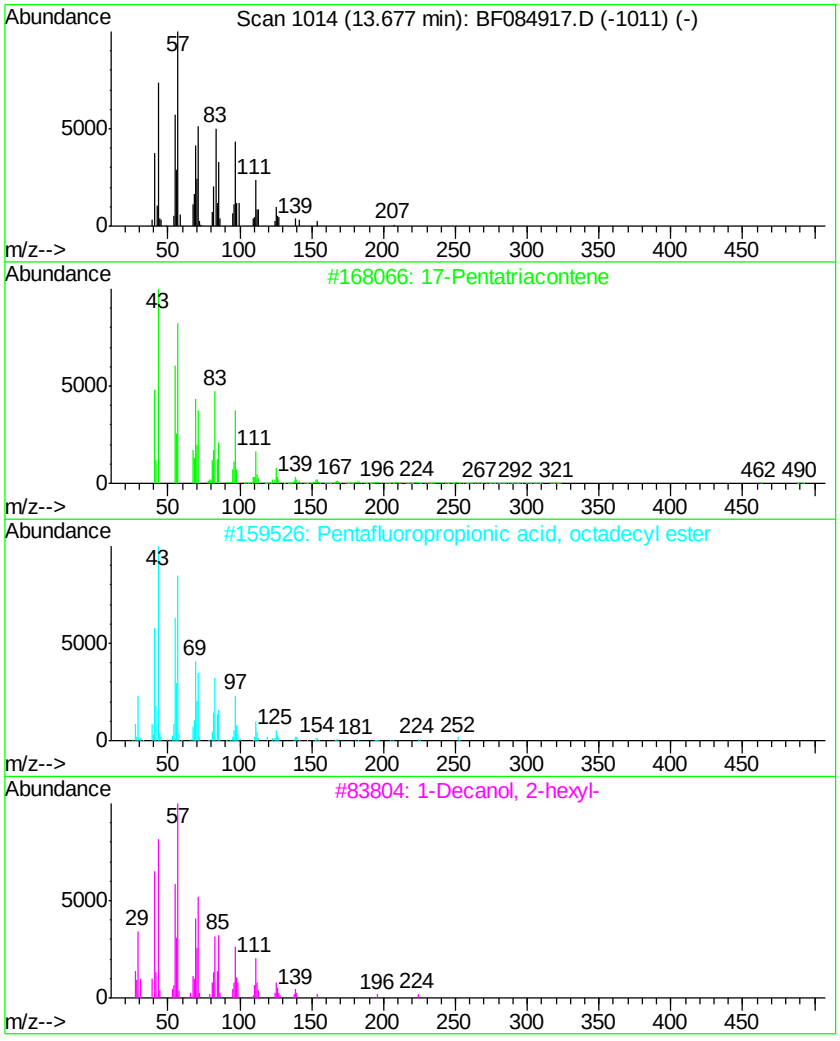
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

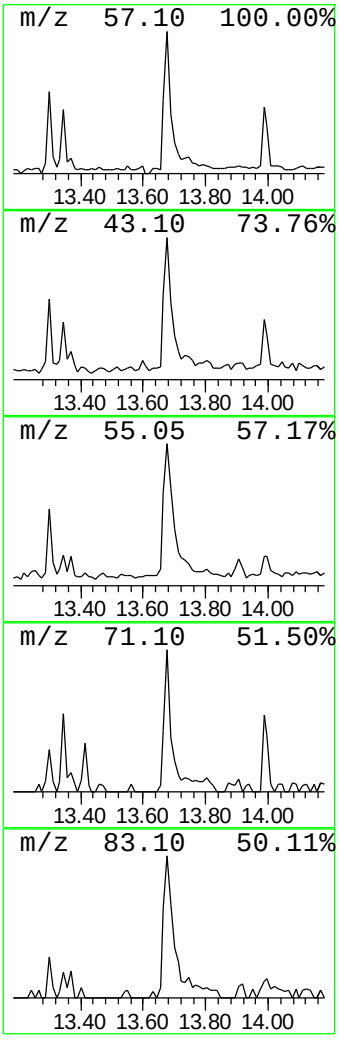
****

Peak Number 8 17-Pentatriacontene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	4.22 ng	181745	Chrysene-d12	13.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	87
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	87
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	68
4	1-Docosene	308	C22H44	001599-67-3	52
5	1-Heptadecanol	256	C17H36O	001454-85-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020616\
Data File : BF084917.D
Acq On : 6 Feb 2016 17:44
Operator : SJ/IZ
Sample : H1338-03
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.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...	4.08	6.2	ng	302086	1	6.66	973069	20.0
unknown4.80	4.80	11.3	ng	550751	1	6.66	973069	20.0
Eicosane	10.14	3.1	ng	203862	3	9.70	1295560	20.0
Hexadecanoic acid...	12.59	2.1	ng	90814	5	13.80	860963	20.0
17-Pentatriacontene	13.68	4.2	ng	181745	5	13.80	860963	20.0