LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085066.D
Acq On : 13 Feb 2016 4:24
Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

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-BF021316.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	1.678	6	8	10	rVB	139229	180606	2.74%	0.366%
2	1.724	10	12	50	rVB	1498713	4932354	74.91%	9.996%
3	3.701	182	185	198	rBV	261462	848742	12.89%	1.720%
4	4.136	221	223	262	rBV	750082	4479631	68.04%	9.079%
5	5.427	334	336	345	rBV	823731	3446823	52.35%	6.985%
6	5.564	345	348	374	rVV	1726160	6584189	100.00%	13.344%
7	5.896	374	377	391	rVV	185876	1126065	17.10%	2.282%
8	6.090	391	394	425	rVB	1165644	3911146	59.40%	7.926%
9	6.707	445	448	477	rBV	708696	3131479	47.56%	6.346%
10	7.782	539	542	567	rBV	239063	1224524	18.60%	2.482%
11	9.530	691	695	711	rBV	2149378	5359445	81.40%	10.862%
12	10.216	752	755	765	rBV	177983	604408	9.18%	1.225%
13	10.582	783	787	805	rBV2	508537	1486211	22.57%	3.012%
14	11.405	856	859	863	rBV	80307	163046	2.48%	0.330%
15	11.771	887	891	897	rBV	32895	98050	1.49%	0.199%
16	11.873	897	900	921	rVV	1114171	3630647	55.14%	7.358%
17	12.182	924	927	939	rVB	91359	260407	3.96%	0.528%
18	12.925	988	992	994	rBV	34485	68941	1.05%	0.140%
19	12.994	995	998	1008	rVB	466730	1181517	17.94%	2.395%
20	15.622	1225	1228	1243	rVB	2285210	4332817	65.81%	8.781%
21	17.097	1354	1357	1361	rBV	206671	377122	5.73%	0.764%
22	17.165	1361	1363	1370	rVB	464905	905704	13.76%	1.836%
23	17.897	1424	1427	1435	rBV2	31275	89939	1.37%	0.182%
24	18.788	1503	1505	1512	rVB	379362	705722	10.72%	1.430%
25	19.326	1549	1552	1559	rVB4	31240	89756	1.36%	0.182%
26	21.006	1695	1699	1705	rVB6	47183	123576	1.88%	0.250%

Sum of corrected areas: 49342867

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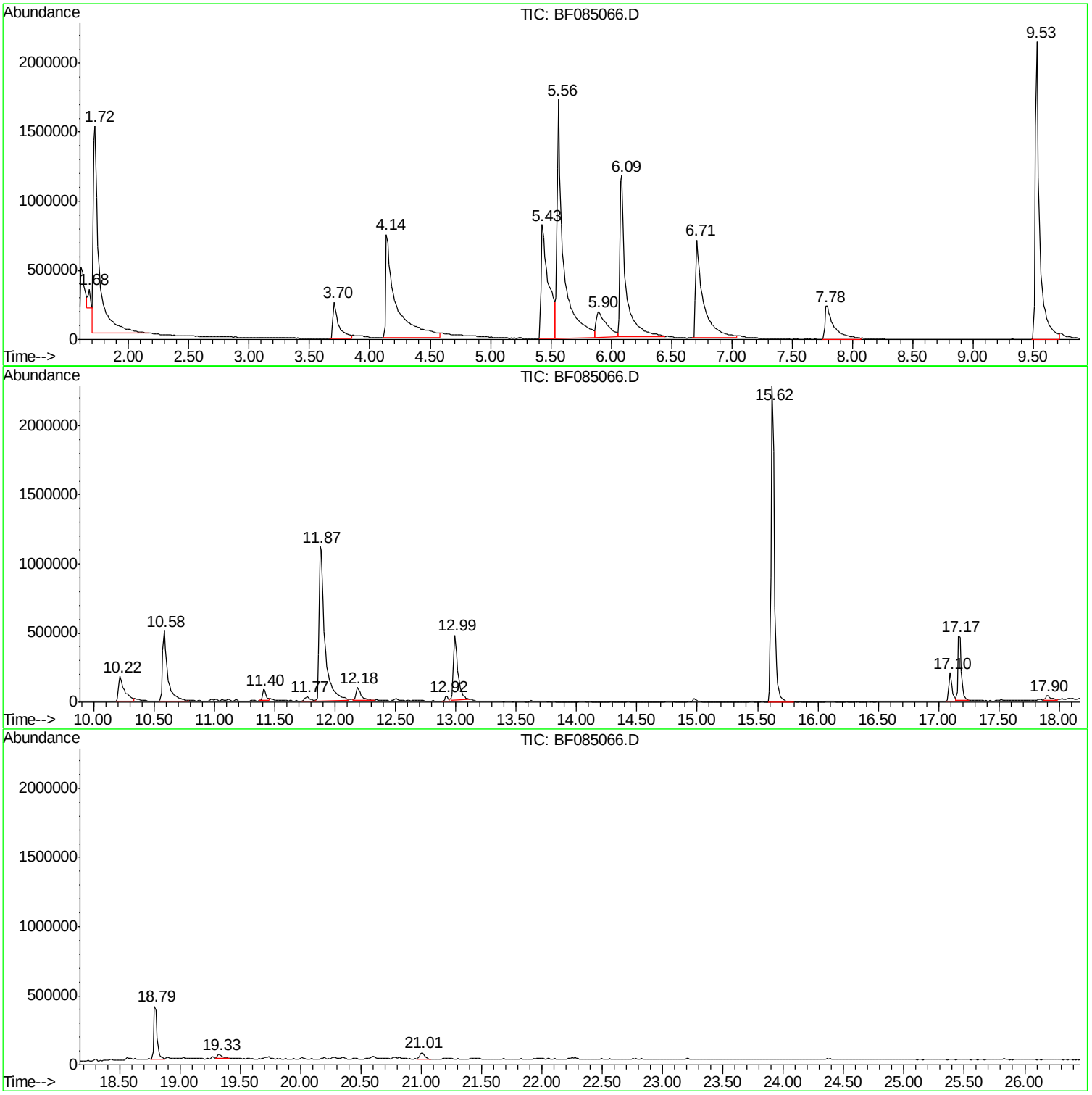
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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\BF021416\
Data File : BF085066.D
Acq On : 13 Feb 2016 4:24
Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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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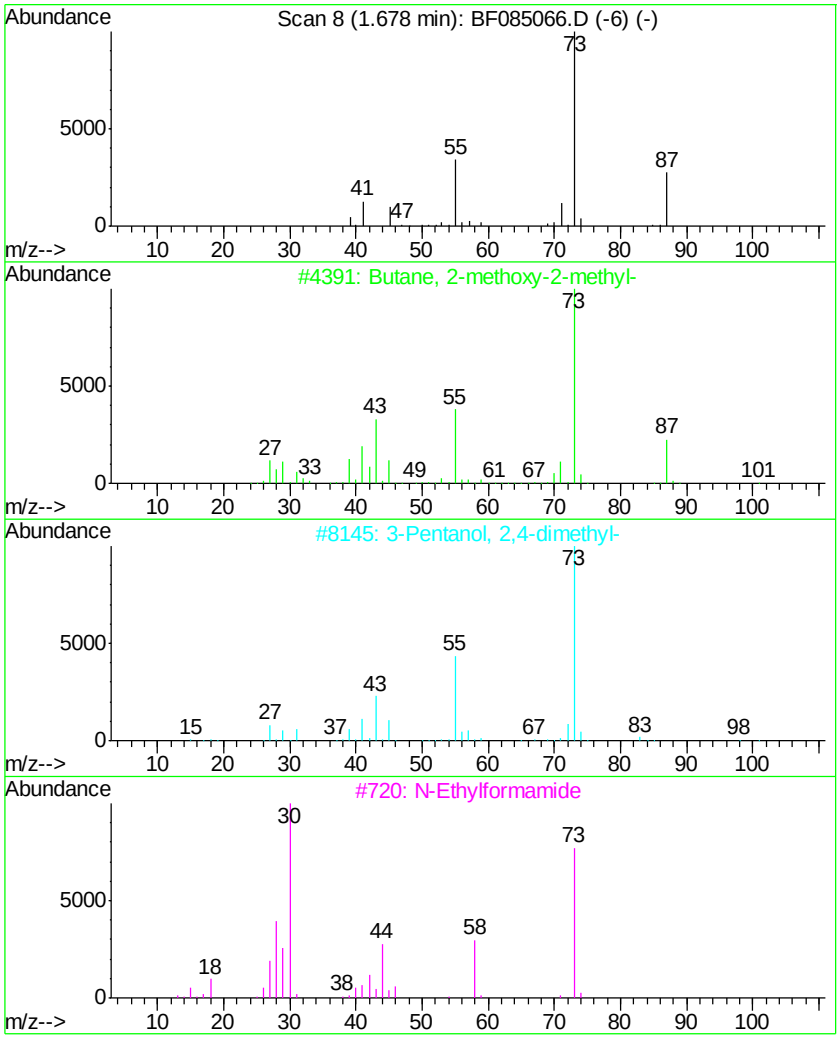
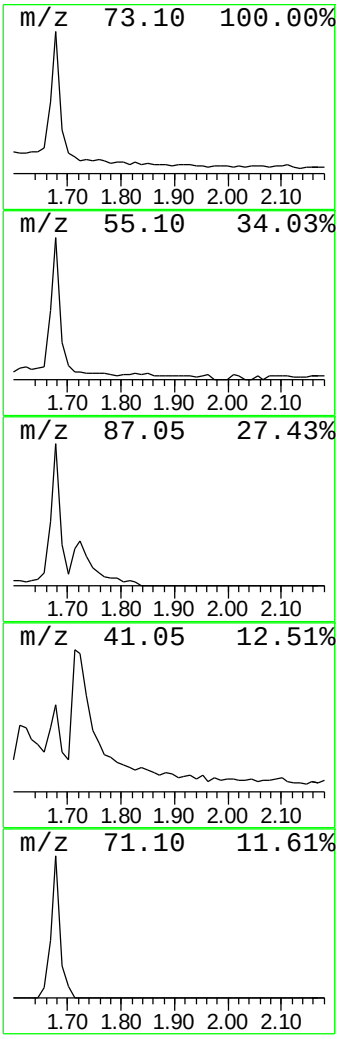
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.68	3.21 ng	180606	1,4-Dichlorobenzene-d4	5.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085066.D
Acq On : 13 Feb 2016 4:24
Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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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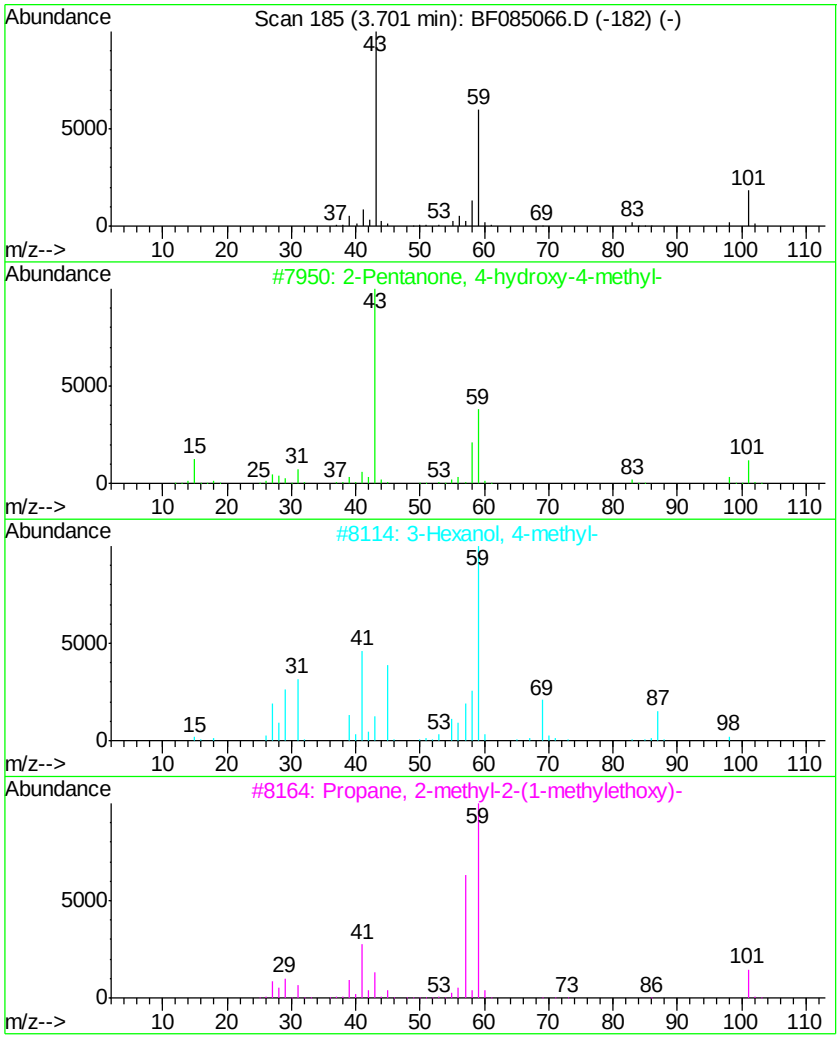
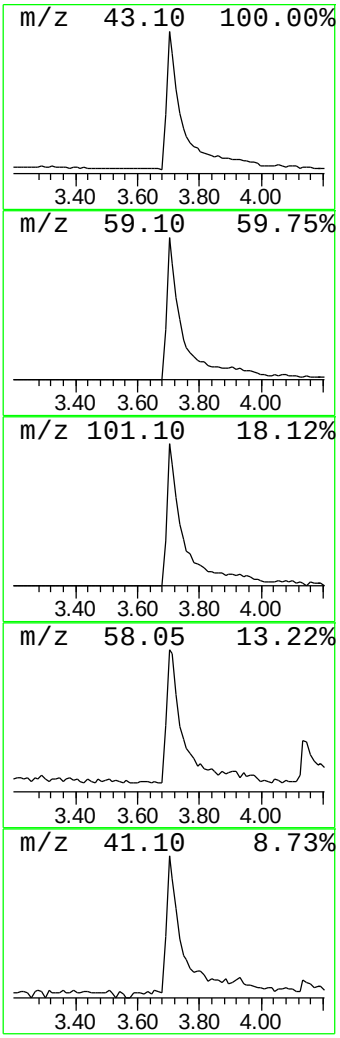
Peak Number 3 unknown3.70 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	15.07 ng	848742	1,4-Dichlorobenzene-d4	5.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085066.D
Acq On : 13 Feb 2016 4:24
Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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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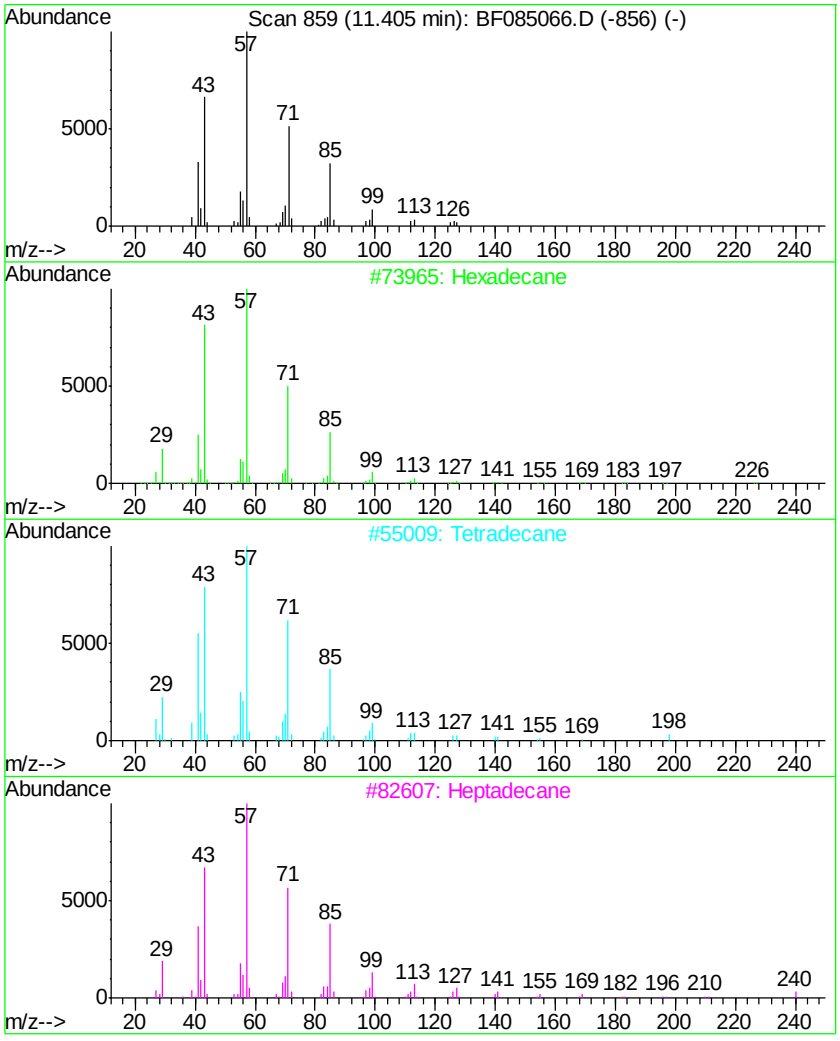
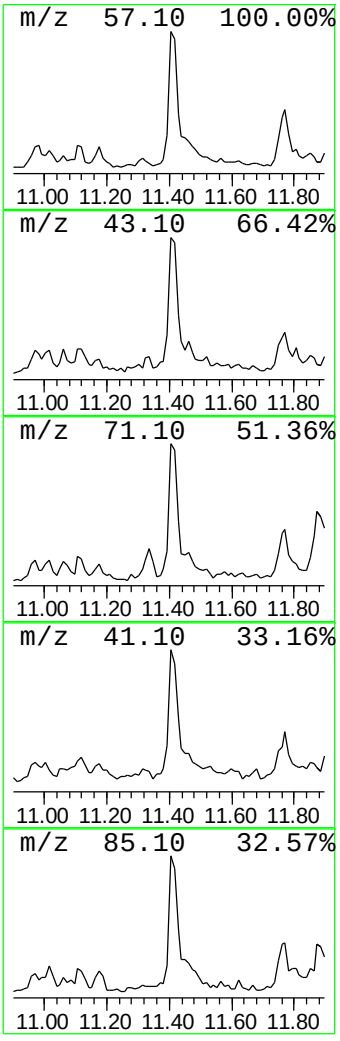
Peak Number 6 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	2.19 ng	163046	Acenaphthene-d10	10.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Heptadecane	240	C17H36	000629-78-7	78
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5	Decane, 2-methyl-	156	C11H24	006975-98-0	64





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085066.D
Acq On : 13 Feb 2016 4:24
Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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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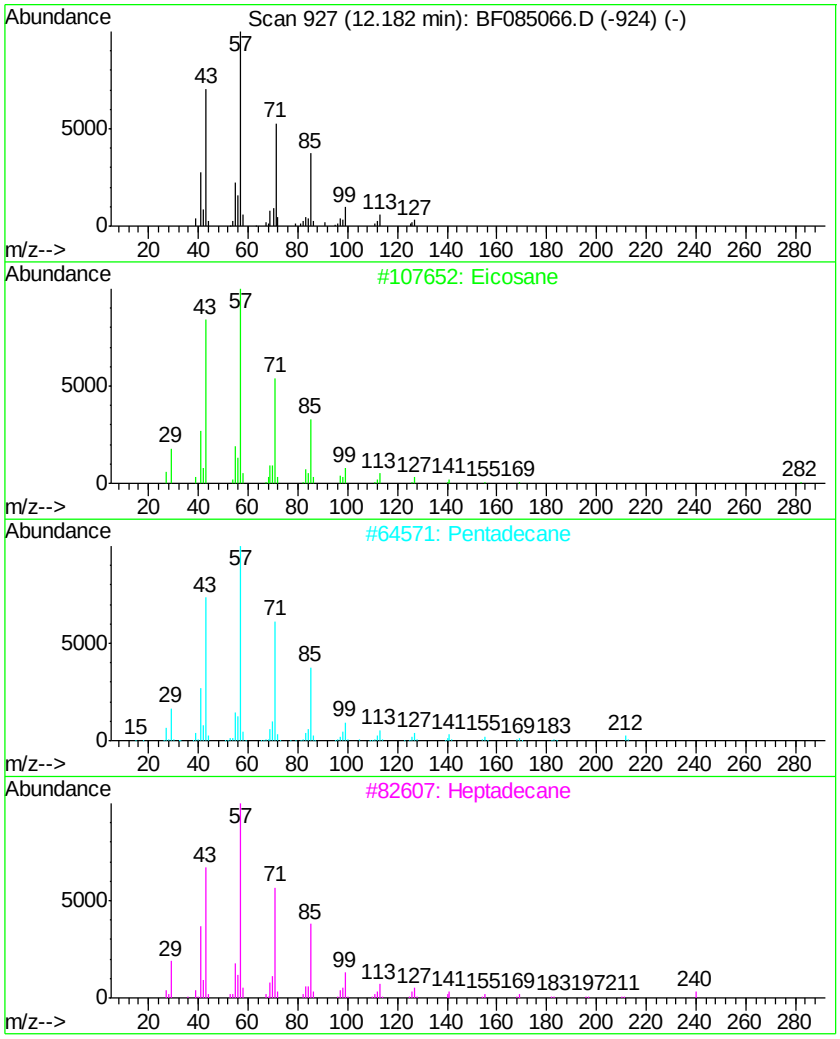
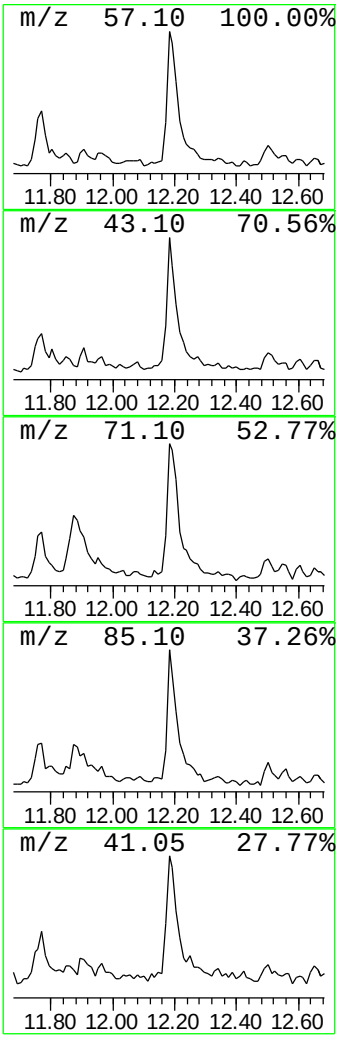
Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	4.41 ng	260407	Phenanthrene-d10	12.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Heptadecane	240	C17H36	000629-78-7	83
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	83
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085066.D
Acq On : 13 Feb 2016 4:24
Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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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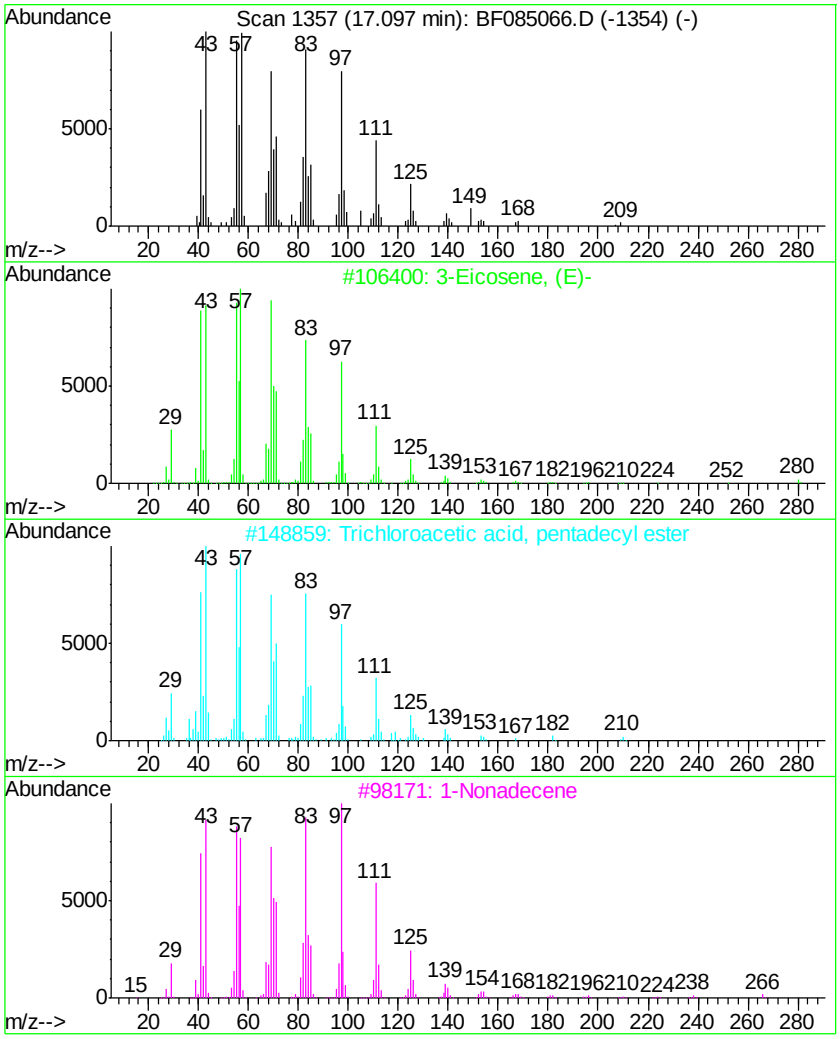
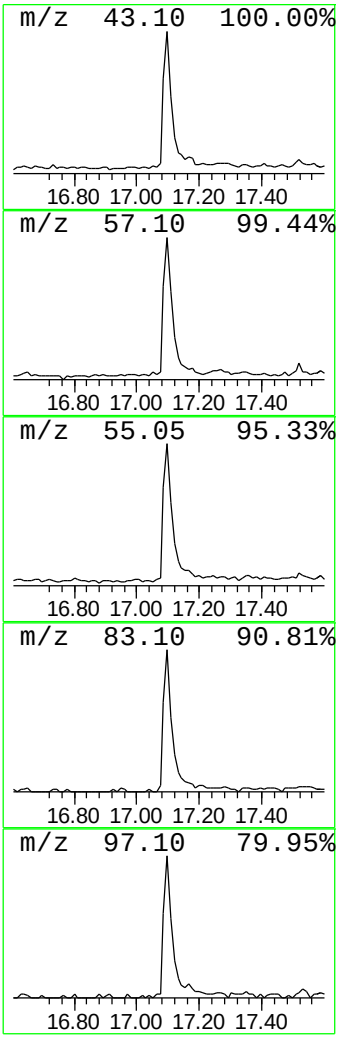
Peak Number 8 3-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	8.33 ng	377122	Chrysene-d12	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
5	1-Heptadecanol	256	C17H36O	001454-85-9	87





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Data File : BF085066.D
Acq On : 13 Feb 2016 4:24
Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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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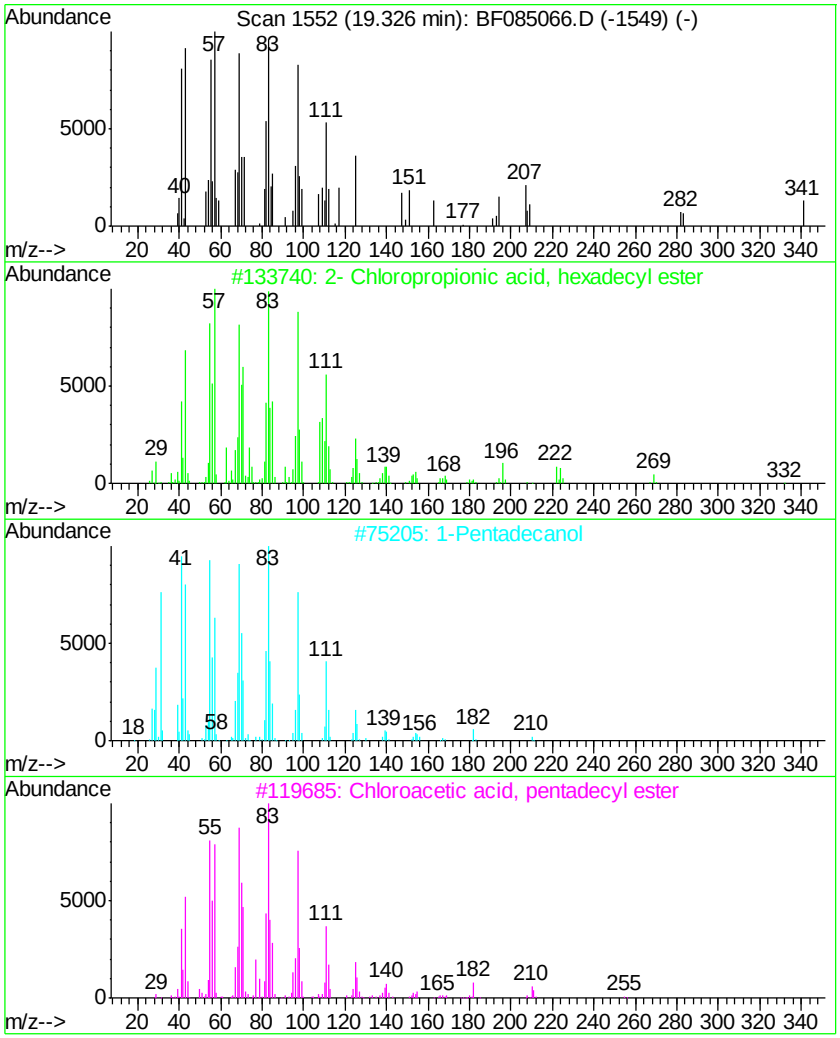
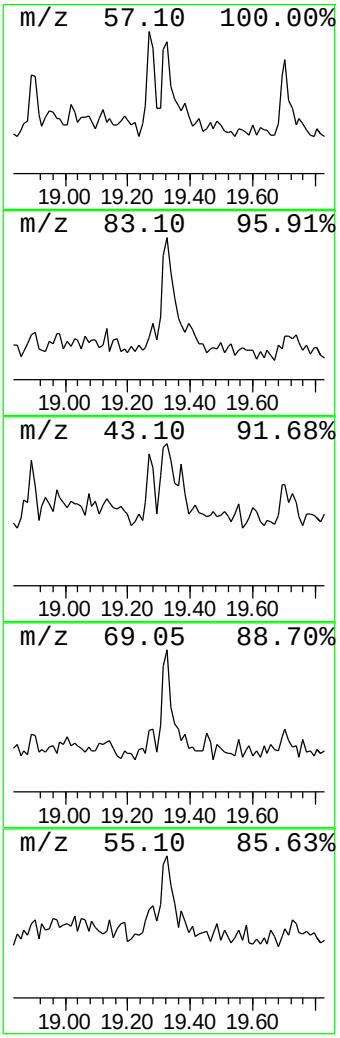
Peak Number 9 2- Chloropropionic acid, he... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.54 ng	89756	Perylene-d12	18.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	80
2	1-Pentadecanol	228	C15H32O	000629-76-5	72
3	Chloroacetic acid, pentadecyl ester	304	C17H33ClO2	070301-47-2	64
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64
5	1-Pentadecene	210	C15H30	013360-61-7	59





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Data File : BF085066.D
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Operator : SJ/IZ
Sample : H1396-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-B003(26.5-28.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.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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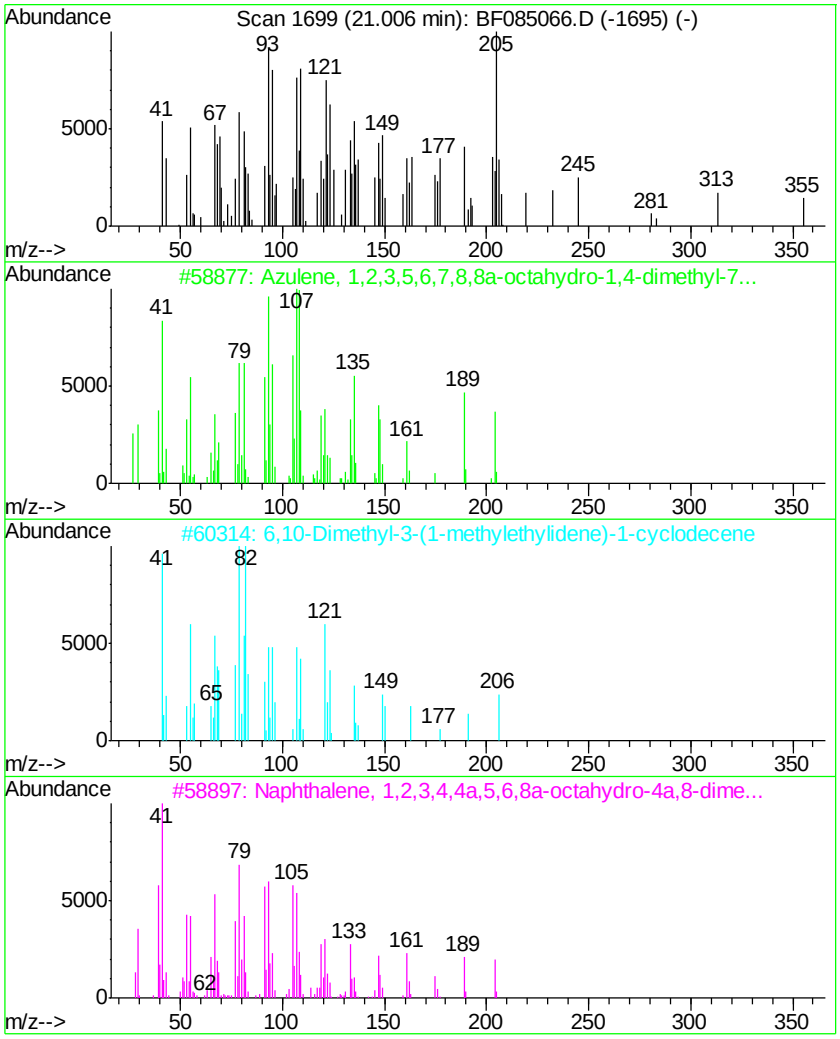
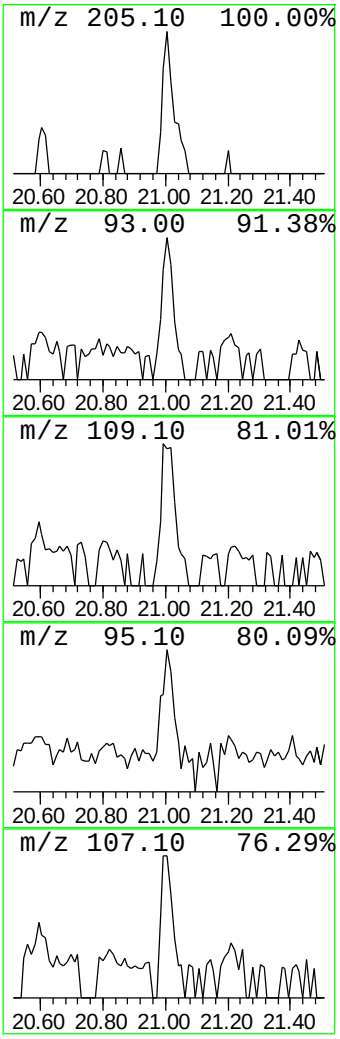
Peak Number 10 Azulene, 1,2,3,5,6,7,8,8a-o... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	3.50 ng	123576	Perylene-d12	18.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 1,2,3,5,6,7,8,8a-octahy...	204	C15H24	003691-11-0	81
2	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	64
3	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	47
4	Azulene, 1,2,3,4,5,6,7,8-octahyd...	204	C15H24	003691-12-1	45
5	1-Hydroxymethyl-5,8,9-endo-10-ex...	236	C16H28O	1000140-32-9	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085066.D
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	1.68	3.2	ng	180606	1	5.90	1126070	20.0
unknown3.70	3.70	15.1	ng	848742	1	5.90	1126070	20.0
Hexadecane	11.40	2.2	ng	163046	3	10.58	1486210	20.0
Eicosane	12.18	4.4	ng	260407	4	12.99	1181520	20.0
3-Eicosene, (E)-	17.10	8.3	ng	377122	5	17.18	905704	20.0
2- Chloropropioni...	19.33	2.5	ng	89756	6	18.80	705722	20.0
Azulene, 1,2,3,5,...	21.01	3.5	ng	123576	6	18.80	705722	20.0