

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
 Data File : BM003976.D
 Acq On : 13 Jan 2016 04:30
 Operator : SJ/UM
 Sample : H1095-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC9B5

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:28:49 PM

Quant Time: Jan 13 07:09:01 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 06:45:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	40570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	199284	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	121491	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	275179	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	273568	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	218277	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.13	96	3942	4.35	ng/uL	0.00
5) Phenol-d5	6.85	99	88370	26.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	54736	28.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	74767	27.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	56848	20.83	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	38360	25.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	41815	25.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	73899	25.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	88499	22.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	267376	28.03	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	324884	27.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	38403	22.42	ng/ul	0.00
58) Fluorene-d10	15.32	176	238370	29.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	33080	21.32	ng/ul	0.00
71) Anthracene-d10	17.17	188	365584	28.72	ng/ul	0.00
79) Pyrene-d10	19.47	212	410904	29.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	328467	30.13	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.78	163	106670	10.97	ng/ul	100
70) Phenanthrene	17.11	178	109339	7.07	ng/ul	99
72) Anthracene	17.20	178	17671	1.11	ng/ul	99
77) Fluoranthene	19.14	202	211807	13.17	ng/ul	98
80) Pyrene	19.50	202	251405	13.54	ng/ul	97
83) Benzo(a)anthracene	21.26	228	107333	6.59	ng/ul	99
85) Chrysene	21.31	228	121285	7.84	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	107615	8.11	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	35618m	2.82	ng/ul	
91) Benzo(a)pyrene	23.41	252	80072	6.36	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.75	276	42556	3.06	ng/ul	97
93) Dibenzo(a,h)anthracene	25.76	278	12813	1.10	ng/ul#	87
94) Benzo(g,h,i)perylene	26.44	276	40951	3.50	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

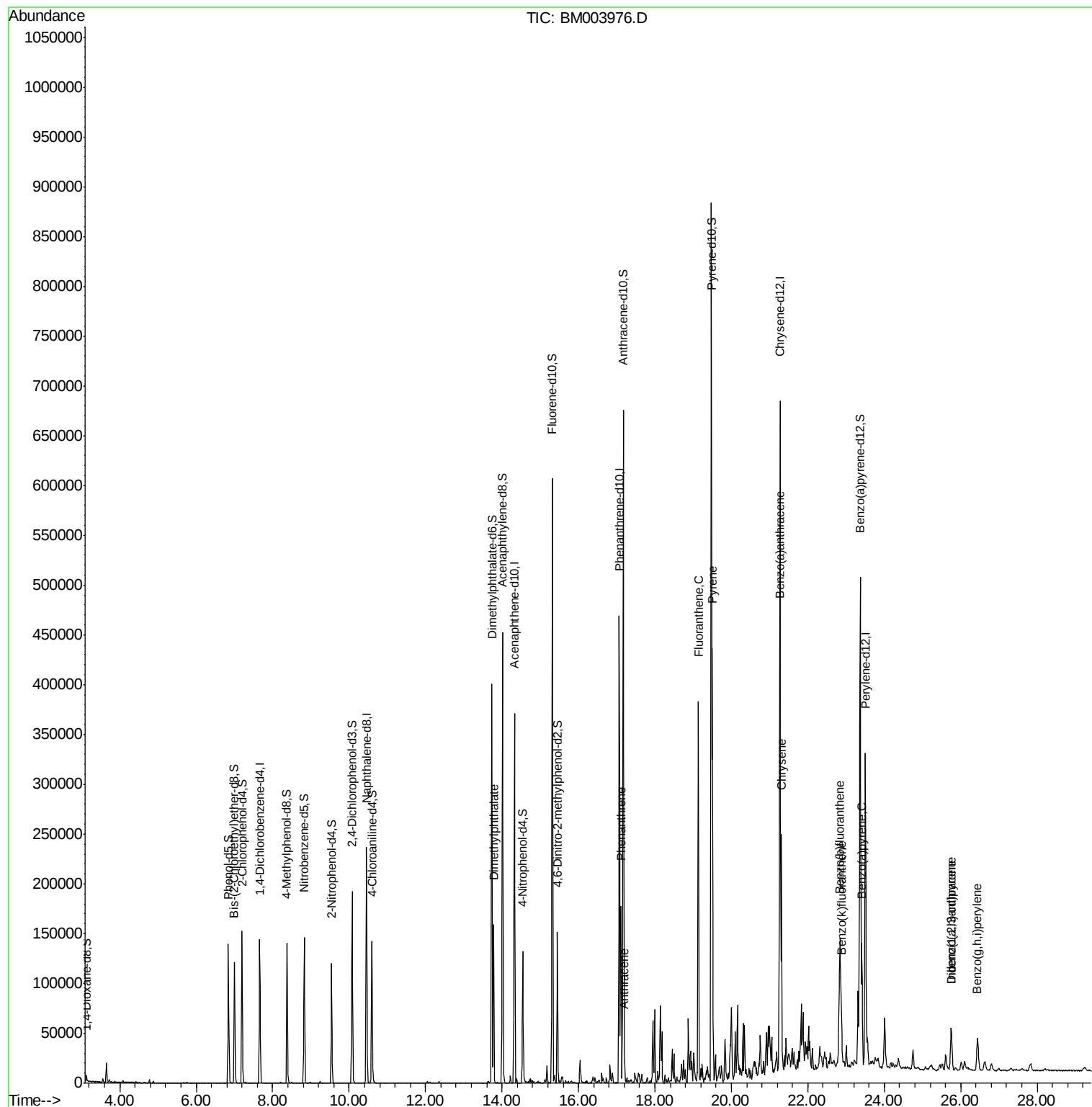
Data Path : Z:\HPCHEM1\BNA M\DATA\BM011316\
Data File : BM003976.D
Acq On : 13 Jan 2016 04:30
Operator : SJ/UM
Sample : H1095-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

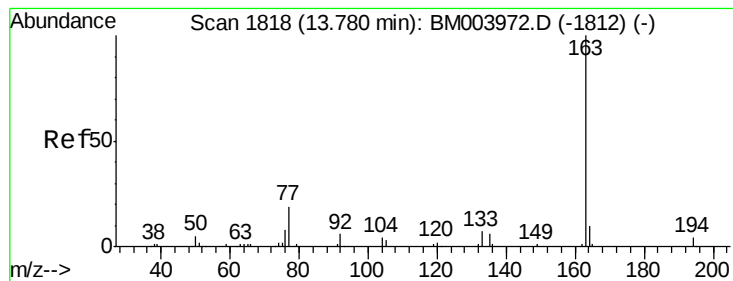
Instrument :
BNA_M
ClientSampleId :
BC9B5

Manual Integrations
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1/13/2016 3:28:49 PM

Quant Time: Jan 13 07:09:01 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 06:45:02 2016
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 10.97 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Instrument :

BNA_M

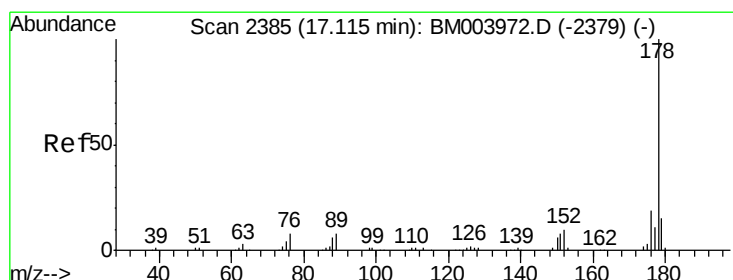
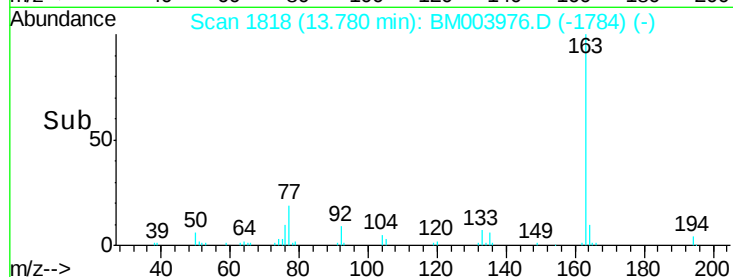
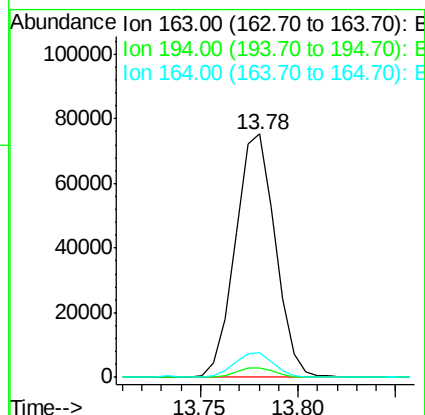
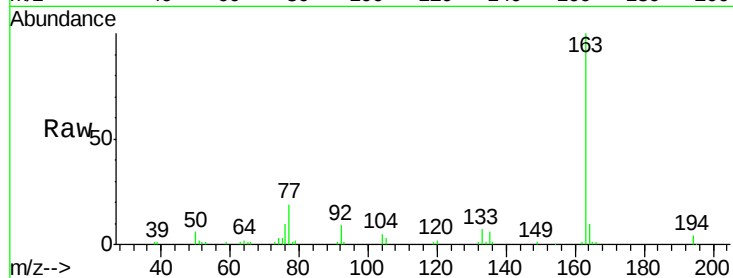
ClientSampled :

BC9B5

Tot Ion:	163	Resp:	106670
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	9.9	7.8	11.8

Manual Integrations
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#70

Phenanthrene

Concen: 7.07 ng/ul

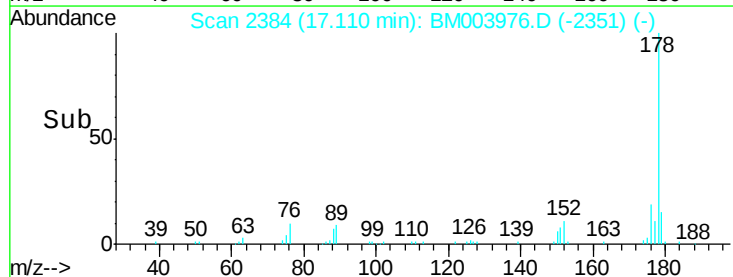
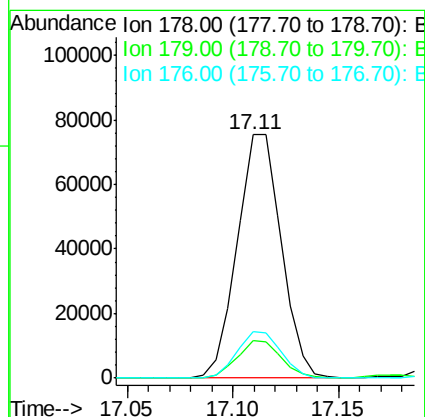
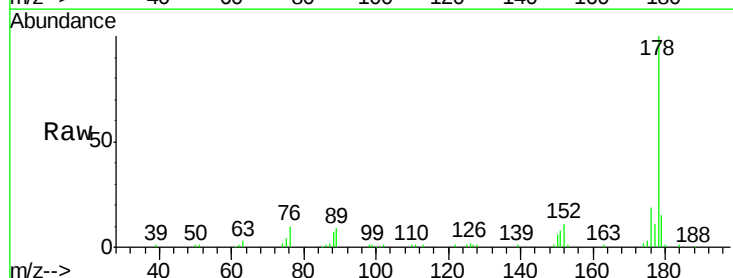
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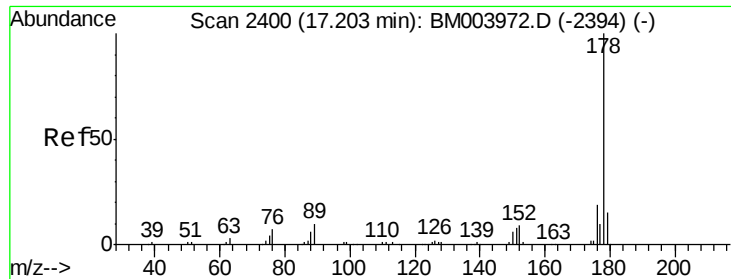
Delta R.T. -0.01 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Tgt Ion:	178	Resp:	109339
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	19.1	15.6	23.4





#72

Anthracene

Concen: 1.11 ng/ul

RT: 17.20 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Instrument :

BNA_M

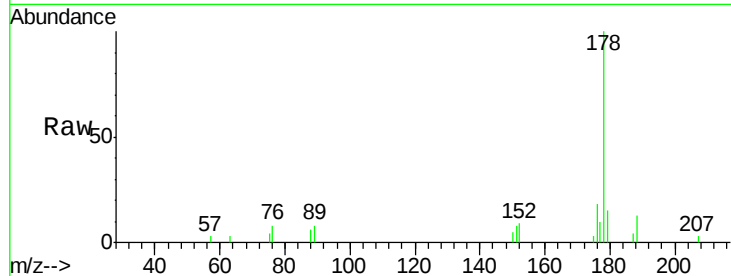
ClientSampled :

BC9B5

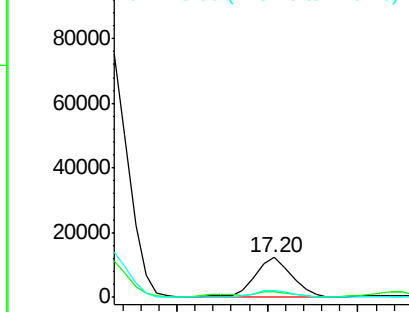
Tot Ion:	178	Resp:	17671
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.1	18.1
176	18.1	14.8	22.2

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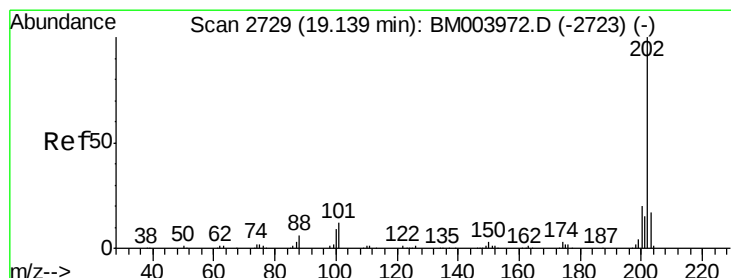
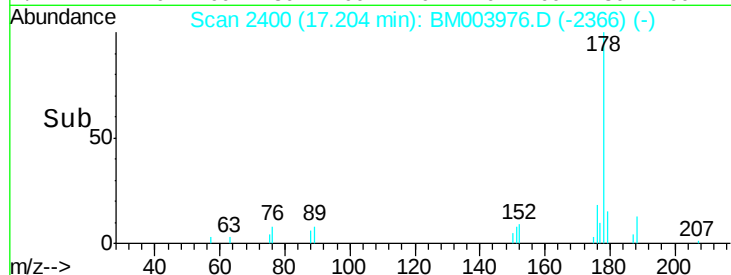
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#77

Fluoranthene

Concen: 13.17 ng/ul

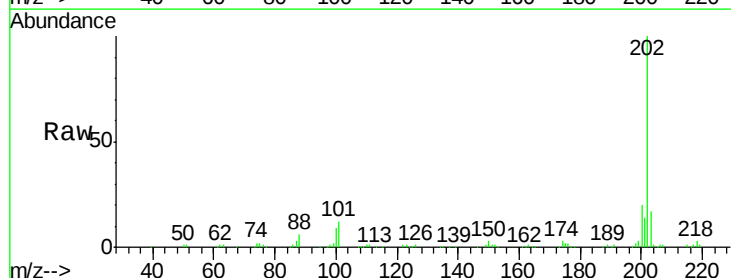
RT: 19.14 min Scan# 2729

Delta R.T. 0.00 min

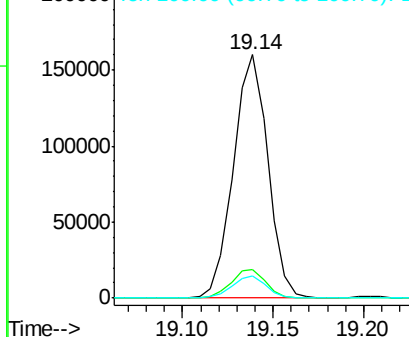
Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

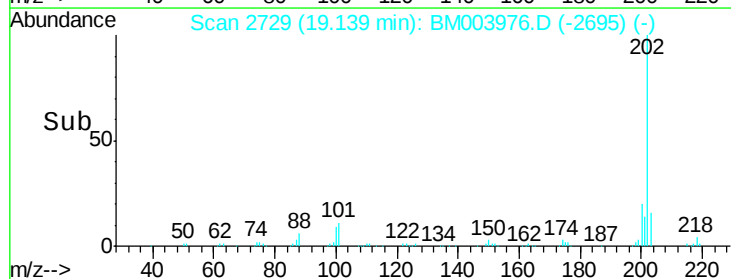
Tgt Ion:	202	Resp:	211807
Ion Ratio	Lower	Upper	
202	100		
101	11.6	8.8	13.2
100	9.1	6.6	9.8

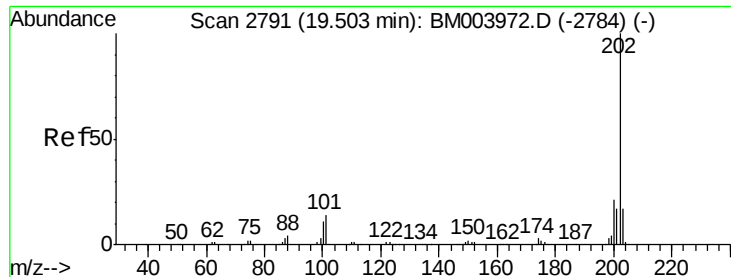


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#80

Pvrene

Concen: 13.54 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM003976.D

Acq: 13 Jan 2016 04:30

Instrument :

BNA_M

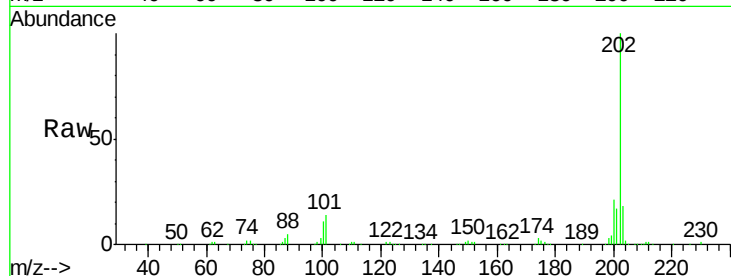
ClientSampled :

BC9B5

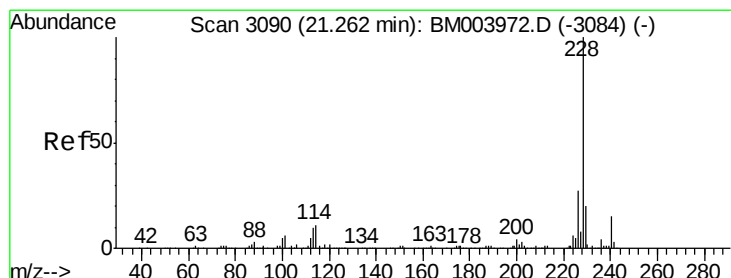
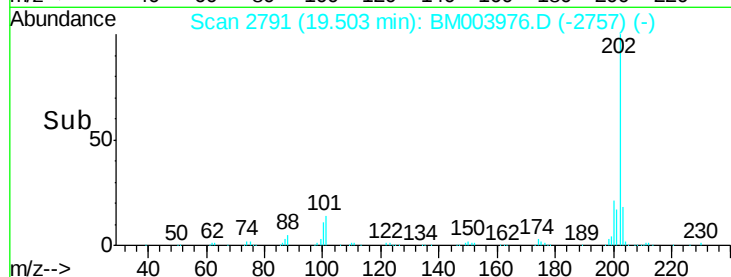
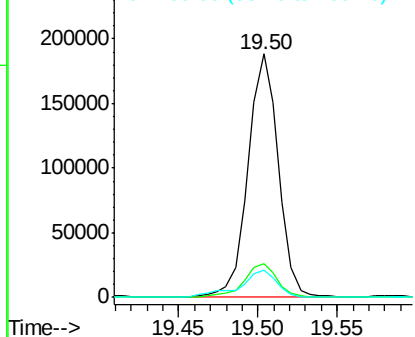
Tot Ion:	202	Resp:	251405
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.2	15.2
100	11.4	8.5	12.7

Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#83

Benzo(a)anthracene

Concen: 6.59 ng/ul

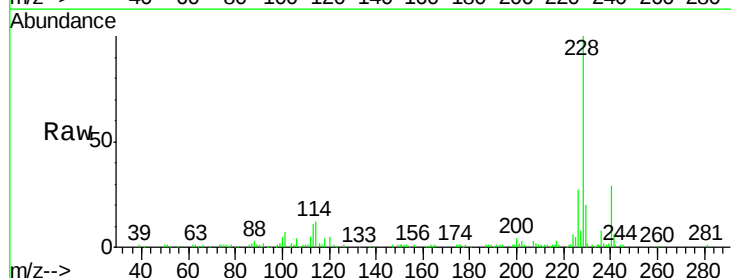
RT: 21.26 min Scan# 3089

Delta R.T. -0.01 min

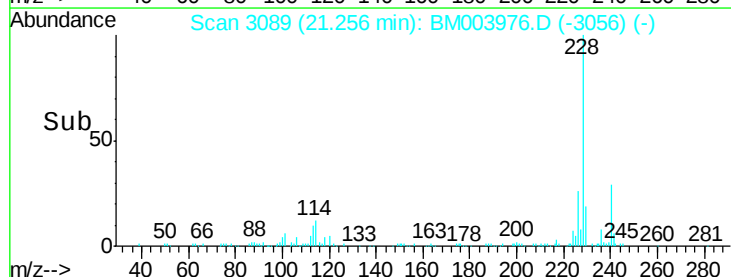
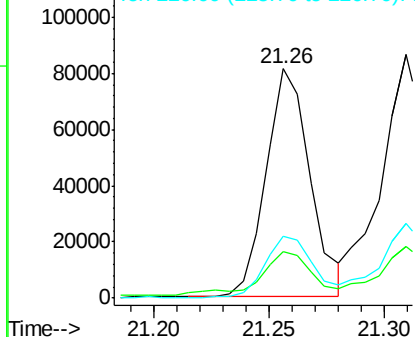
Lab File: BM003976.D

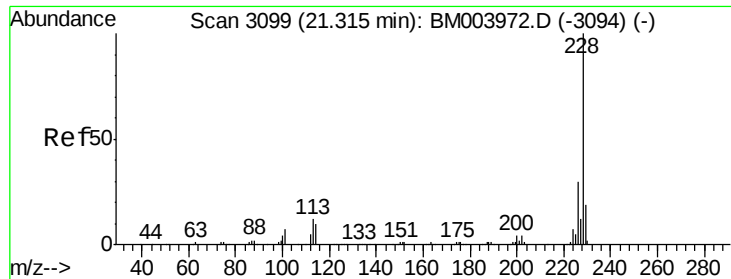
Acq: 13 Jan 2016 04:30

Tgt Ion:	228	Resp:	107333
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	27.0	21.8	32.6



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





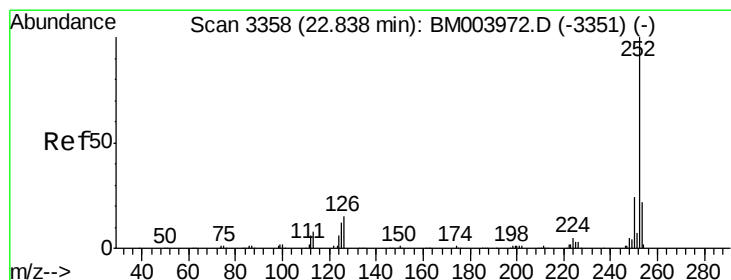
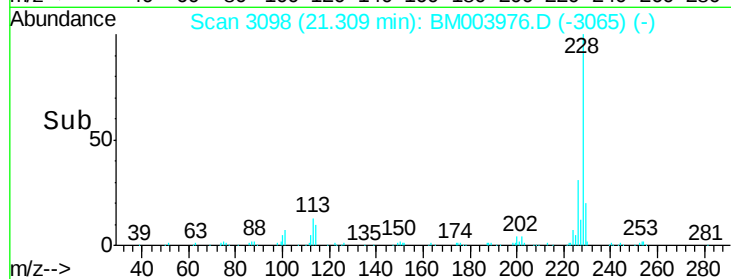
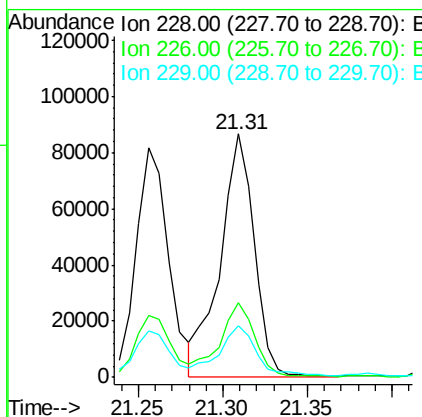
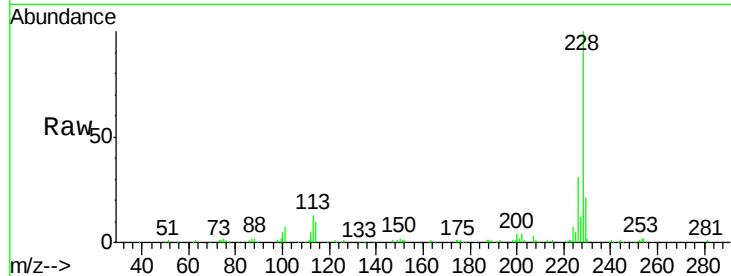
#85
 Chrvsene
 Concen: 7.84 ng/u1
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM003976.D
 Acq: 13 Jan 2016 04:30

Instrument :
 BNA_M
 ClientSampleId :
 BC9B5

Tot Ion:	228	Resp:	121285
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.0	36.0
229	21.1	15.6	23.4

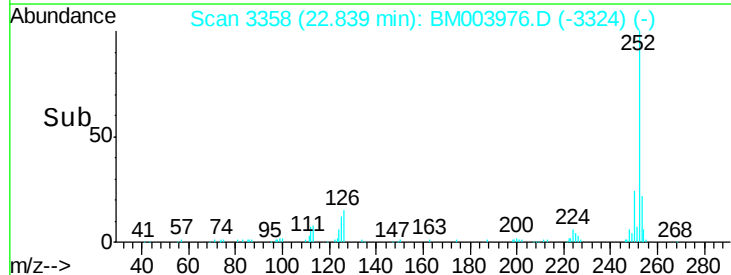
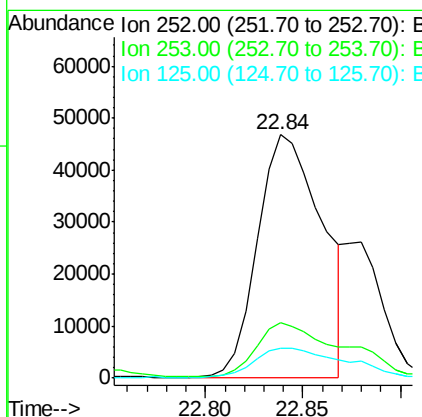
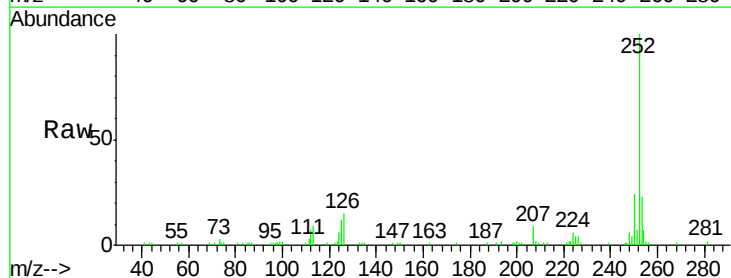
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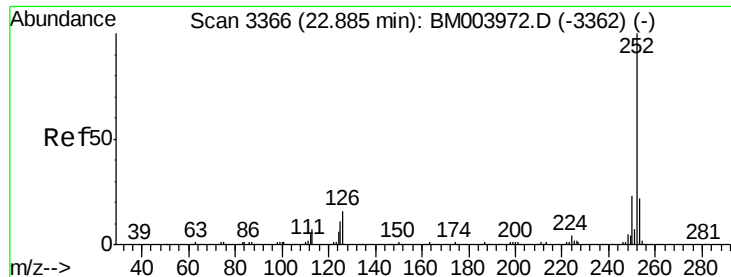
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#88
 Benzo(b)fluoranthene
 Concen: 8.11 ng/u1
 RT: 22.84 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: BM003976.D
 Acq: 13 Jan 2016 04:30

Tgt Ion:	252	Resp:	107615
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.5	26.3
125	12.3	8.5	12.7





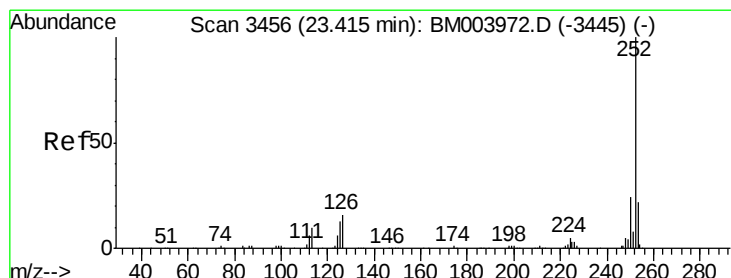
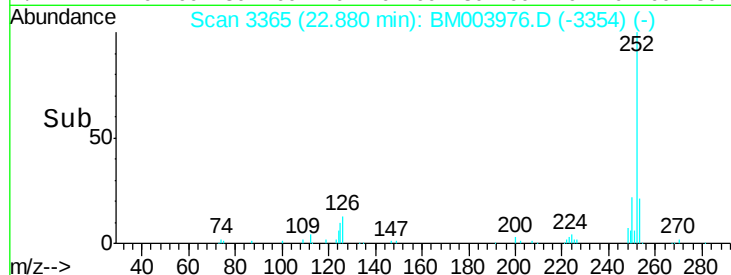
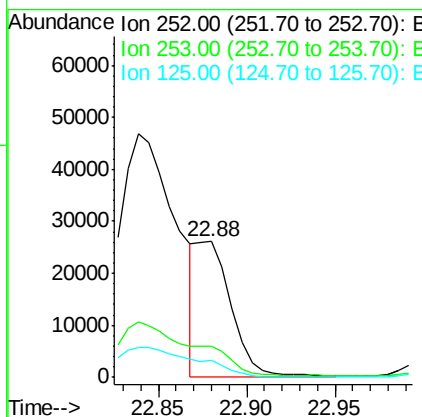
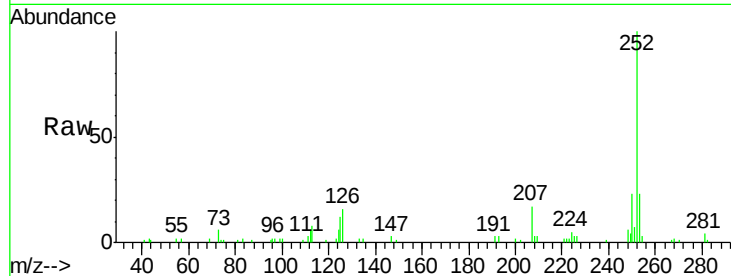
#89
Benzo(k)fluoranthene
Concen: 2.82 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM003976.D
Acq: 13 Jan 2016 04:30

Instrument :
BNA_M
ClientSampleId :
BC9B5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	12.1	8.2	12.2

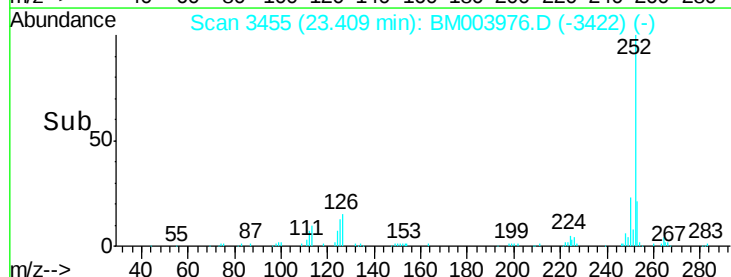
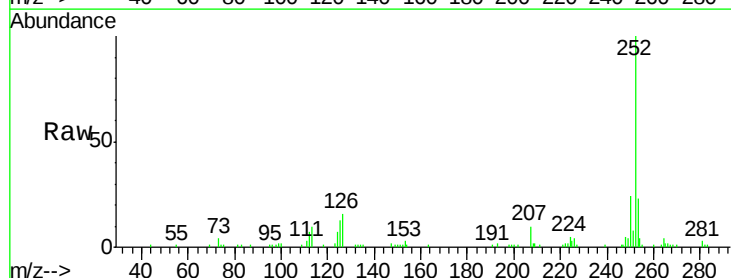
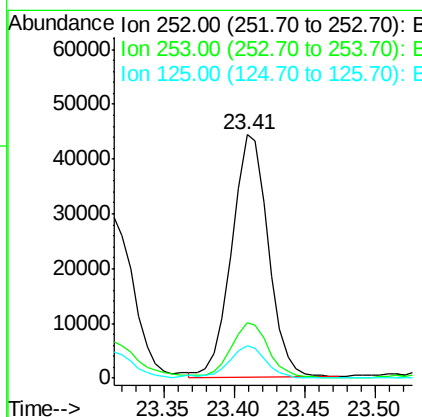
Manual Integrations
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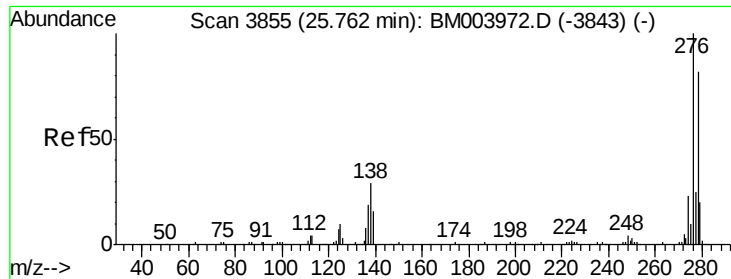
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#91
Benzo(a)pyrene
Concen: 6.36 ng/ul
RT: 23.41 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM003976.D
Acq: 13 Jan 2016 04:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	13.1	9.0	13.6





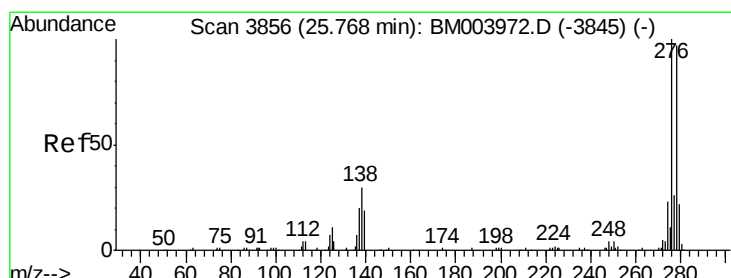
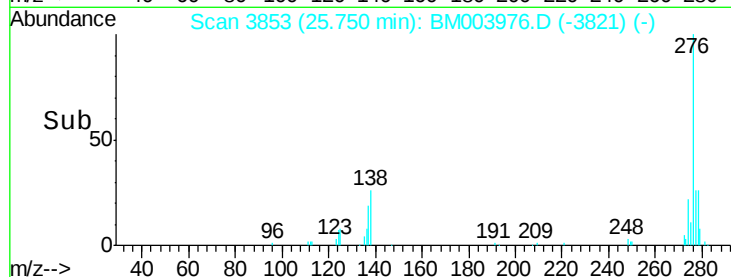
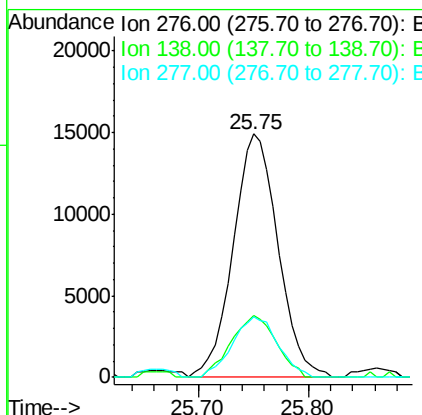
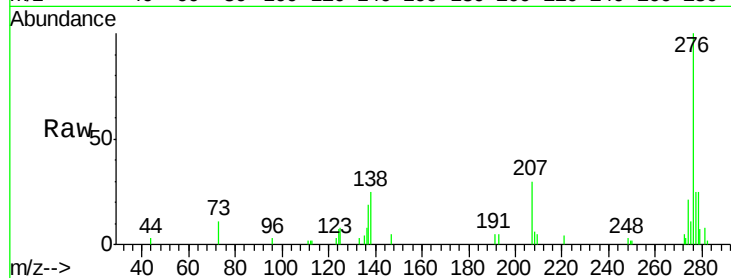
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 3.06 ng/ul
 RT: 25.75 min Scan# 3853
 Delta R.T. -0.01 min
 Lab File: BM003976.D
 Acq: 13 Jan 2016 04:30

Instrument :
 BNA_M
 ClientSampleId :
 BC9B5

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.2	22.3	33.5
277	24.7	20.2	30.2

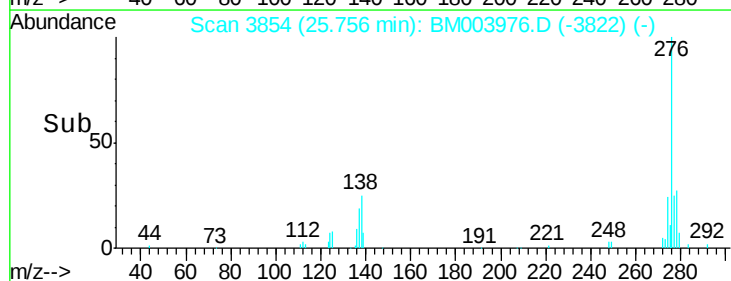
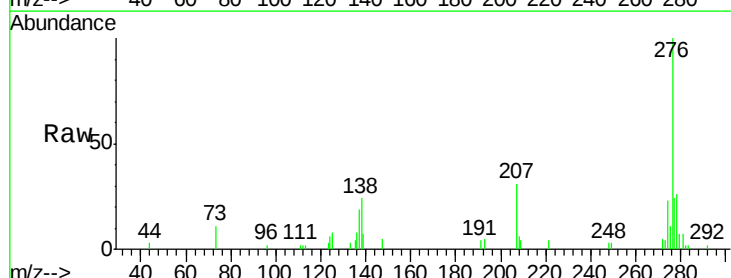
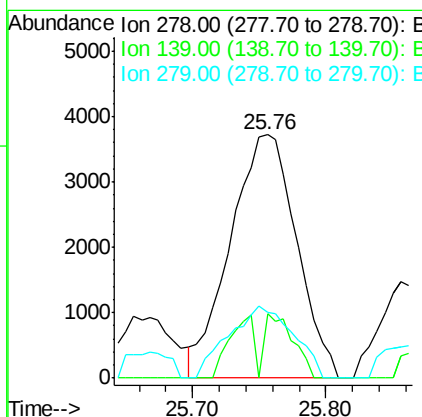
Manual Integrations
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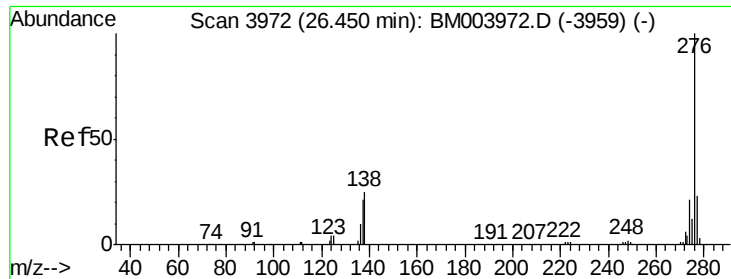
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#93
 Dibenzo(a,h)anthracene
 Concen: 1.10 ng/ul
 RT: 25.76 min Scan# 3854
 Delta R.T. -0.01 min
 Lab File: BM003976.D
 Acq: 13 Jan 2016 04:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.5	13.9	20.9#
279	27.1	19.0	28.4





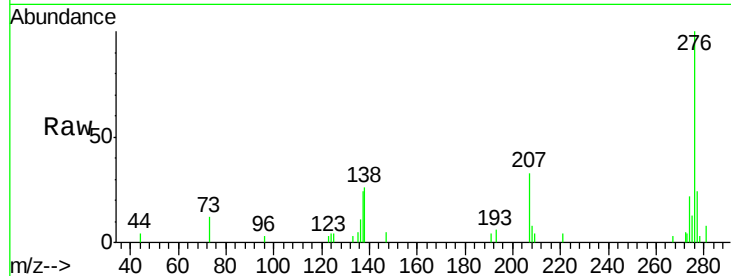
#94
 Benzo(a,h,i)perylene
 Concen: 3.50 ng/ul
 RT: 26.44 min Scan# 3970
 Delta R.T. -0.01 min
 Lab File: BM003976.D
 Acq: 13 Jan 2016 04:30

Instrument :
 BNA_M
 ClientSampleId :
 BC9B5

Tot Ion:	276	Resp:	40951
Ion Ratio	Lower	Upper	
276	100		
138	25.6	18.9	28.3
277	24.3	19.2	28.8

Manual Integrations
 APPROVED

MMdadoda
 1/13/2016 3:28:49 PM



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

