

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
 Data File : BM009571.D
 Acq On : 05 Apr 2017 23:09
 Operator : SJ/MA
 Sample : I2524-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB321

Manual Integrations
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mohammad
 4/6/2017 11:39:00 AM

Quant Time: Apr 06 03:59:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 06 03:48:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	156063	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	595943	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	341827	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	801549	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1104845	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1054976	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	4845	0.53	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	448105	13.38	ng/ul	0.00
10) Fluorene-d10	15.47	176	363580	15.09	ng/ul	0.00
15) Anthracene-d10	17.33	188	592709	15.46	ng/ul	0.00
19) Pyrene-d10	19.63	212	723601	15.94	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	723321	15.53	ng/ul	0.00
Target Compounds						
						Qvalue
9) Acenaphthene	14.55	153	49120	2.12	ng/ul	88
11) Fluorene	15.53	166	42528	1.51	ng/ul	93
14) Phenanthrene	17.27	178	851486	18.90	ng/ul	97
16) Anthracene	17.37	178	178407m	3.83	ng/ul	
17) Fluoranthene	19.29	202	1378516	24.56	ng/ul#	93
20) Pyrene	19.66	202	1189921	19.78	ng/ul	95
21) Benzo(a)anthracene	21.40	228	692612	11.09	ng/ul	100
22) Chrysene	21.45	228	659287	11.51	ng/ul	96
24) Benzo(b)fluoranthene	23.03	252	886573	13.59	ng/ul	98
25) Benzo(k)fluoranthene	23.07	252	266694m	4.29	ng/ul	
27) Benzo(a)pyrene	23.63	252	596922m	9.62	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.09	276	382661	5.50	ng/ul#	93
29) Dibenzo(a,h)anthracene	26.10	278	102741	1.74	ng/ul#	91
30) Benzo(g,h,i)perylene	26.82	276	329180	5.74	ng/ul#	94

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

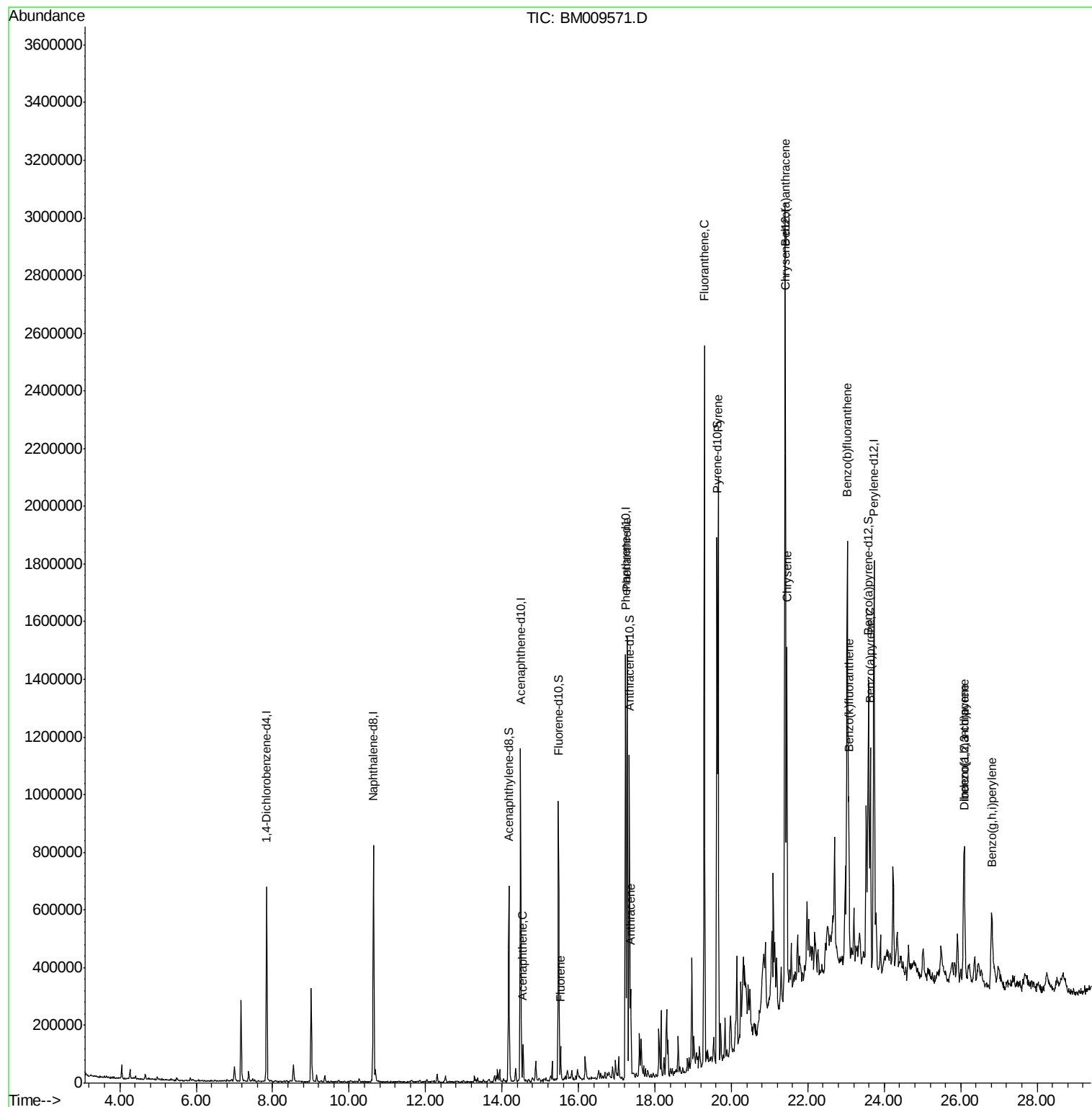
Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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ALS Vial : 19 Sample Multiplier: 1

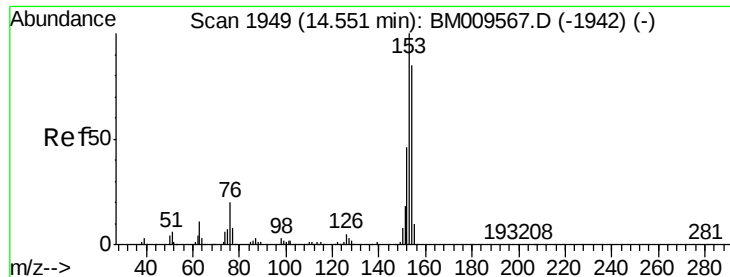
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 2.12 ng/ul

RT: 14.55 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BM009571.D

Acq: 05 Apr 2017 23:09

Instrument :

BNA_M

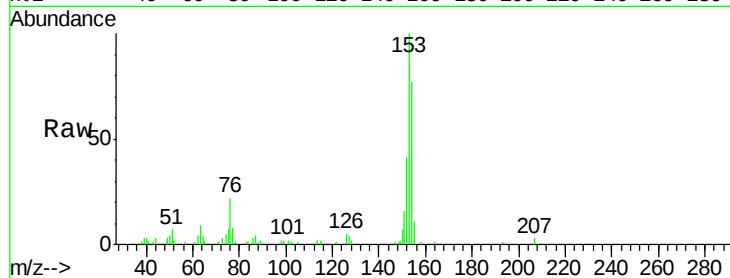
ClientSampleId :

CB321

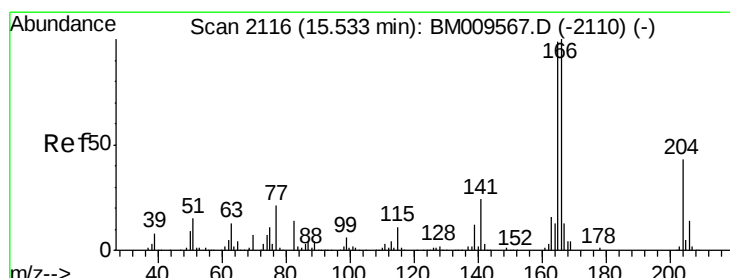
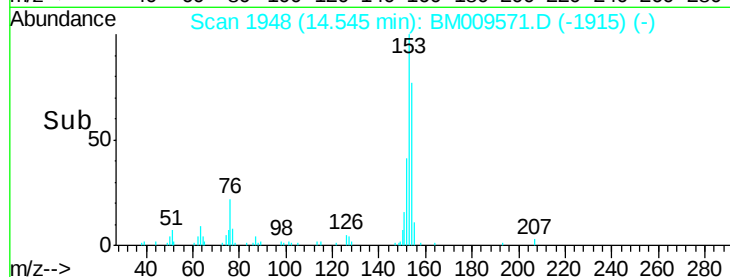
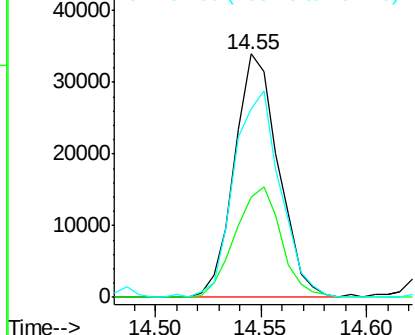
Tot Ion:	153	Resp:	49120
Ion Ratio	Lower	Upper	
153	100		
152	41.1	37.9	56.9
154	77.3	71.6	107.4

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#11

Fluorene

Concen: 1.51 ng/ul

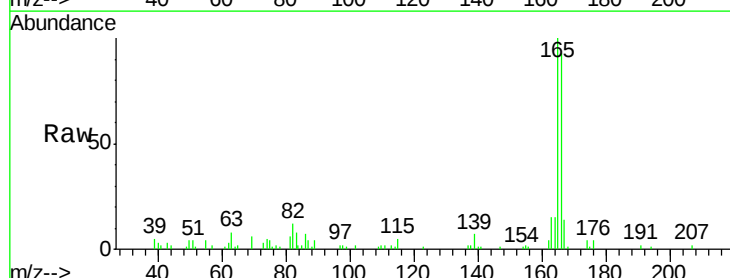
RT: 15.53 min Scan# 2116

Delta R.T. 0.00 min

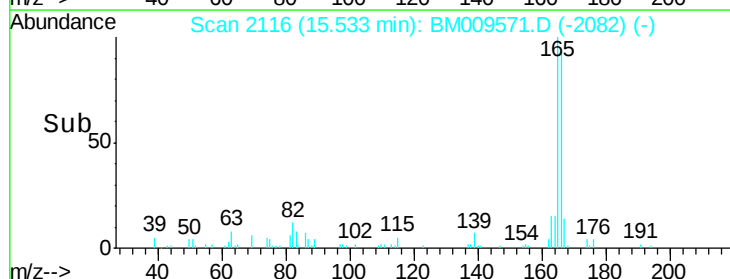
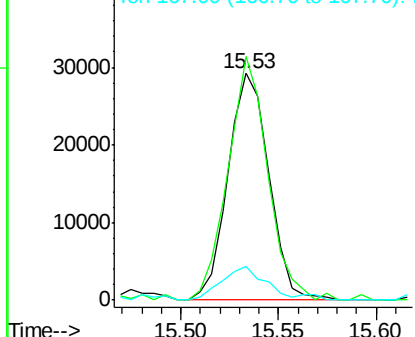
Lab File: BM009571.D

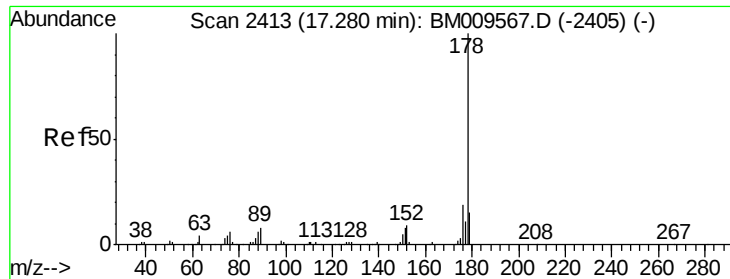
Acq: 05 Apr 2017 23:09

Tgt Ion:	166	Resp:	42528
Ion Ratio	Lower	Upper	
166	100		
165	107.4	80.0	120.0
167	14.7	11.6	17.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





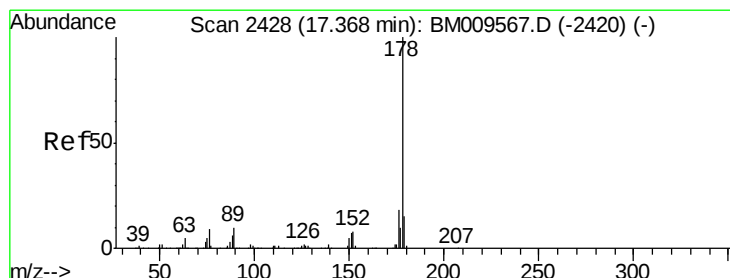
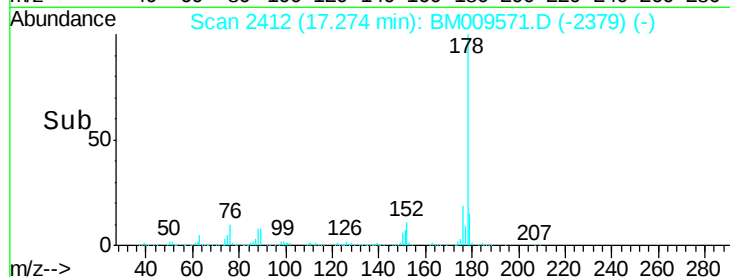
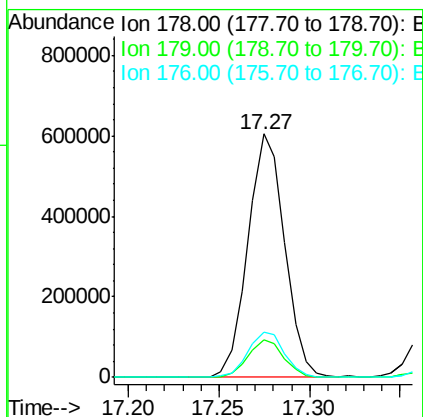
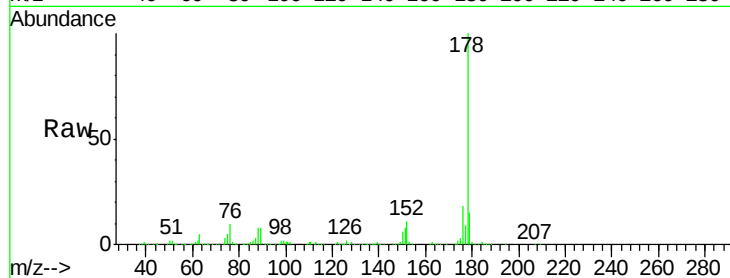
#14
Phenanthrene
Concen: 18.90 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Instrument :
BNA_M
ClientSampleId :
CB321

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.5	16.4	24.6

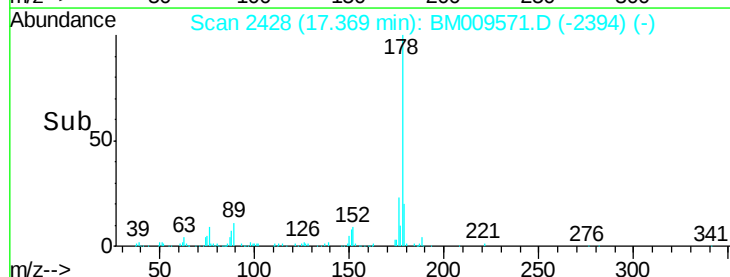
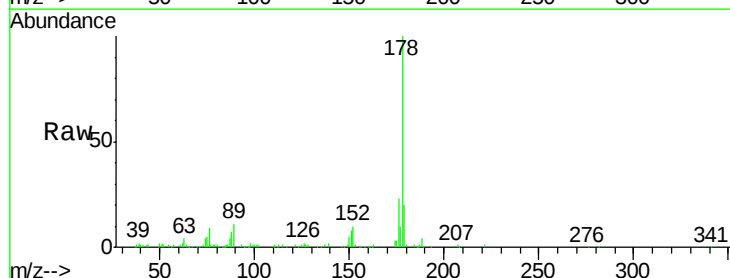
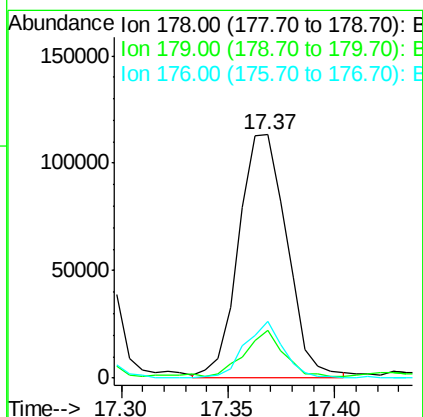
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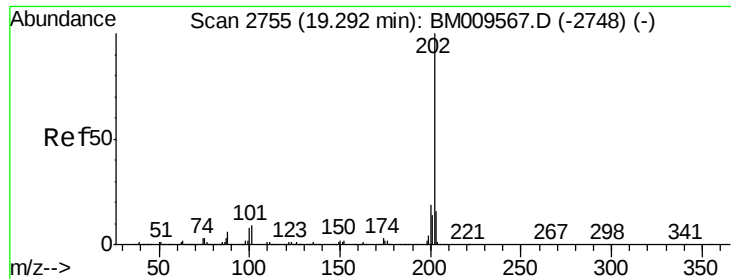
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#16
Anthracene
Concen: 3.83 ng/ul m
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.8	12.7	19.1#
176	23.1	15.8	23.8





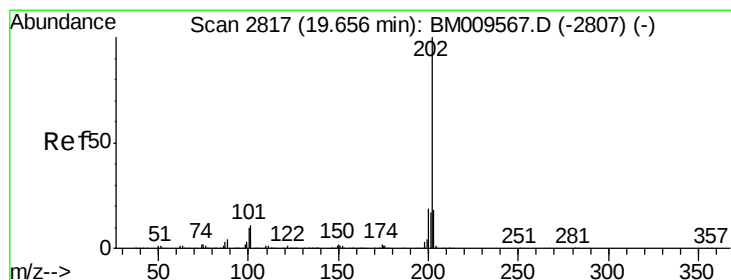
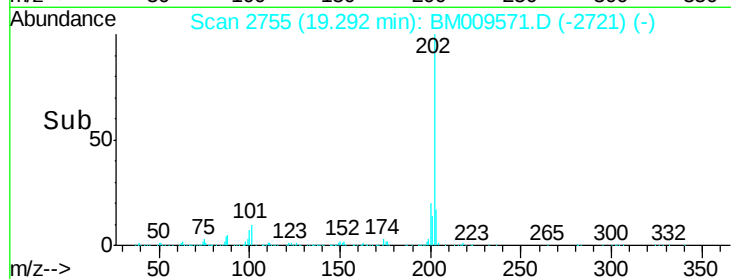
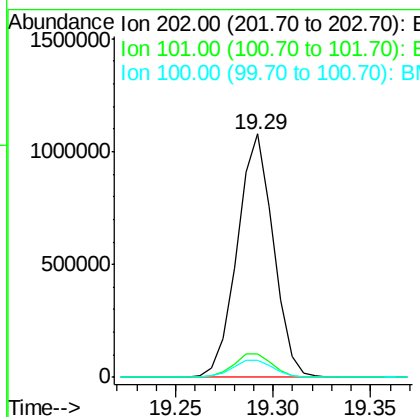
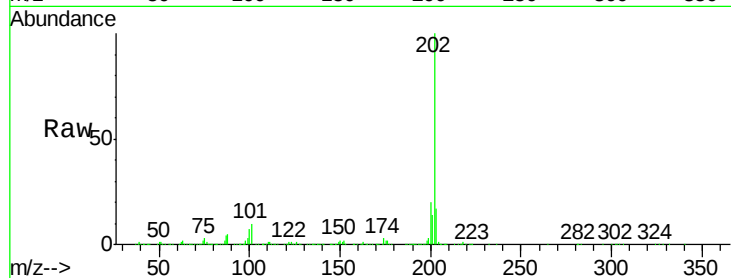
#17
Fluoranthene
 Concen: 24.56 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BM009571.D
 Acq: 05 Apr 2017 23:09

Instrument :
 BNA_M
 ClientSampled :
 CB321

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	9.8	14.8#
100	7.0	7.5	11.3#

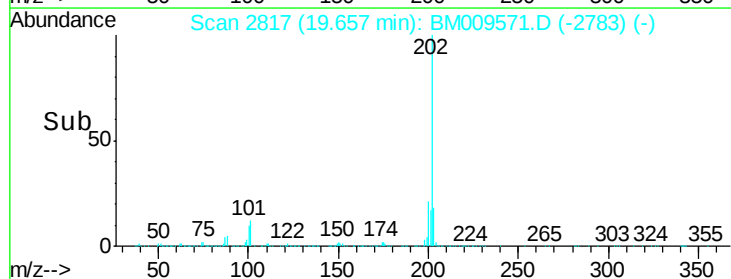
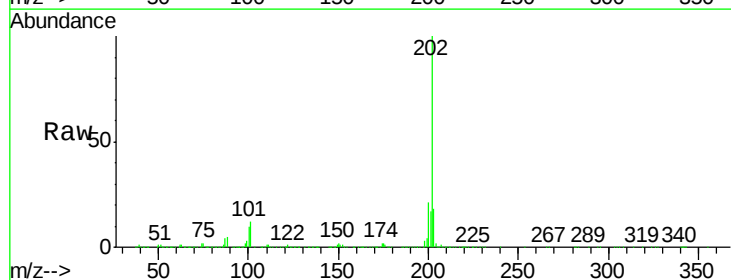
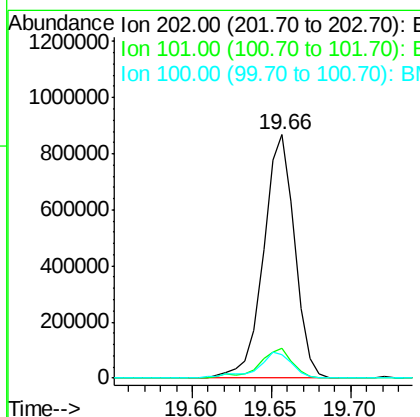
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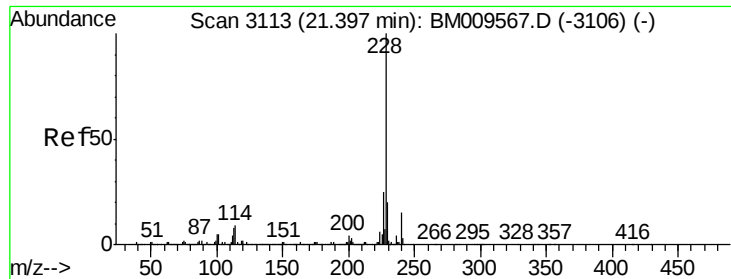
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#20
Pyrene
 Concen: 19.78 ng/ul
 RT: 19.66 min Scan# 2817
 Delta R.T. 0.00 min
 Lab File: BM009571.D
 Acq: 05 Apr 2017 23:09

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.2	16.8
100	9.8	9.8	14.6





#21

Benzo(a)anthracene

Concen: 11.09 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM009571.D

Acq: 05 Apr 2017 23:09

Instrument :

BNA_M

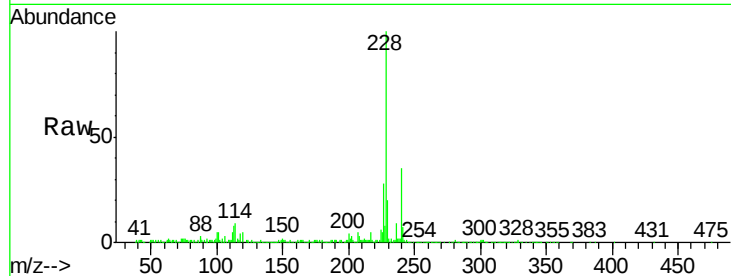
ClientSampleId :

CB321

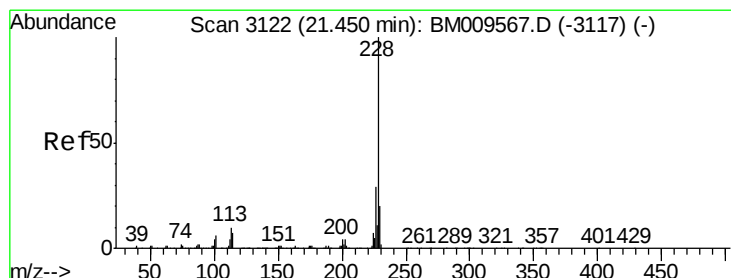
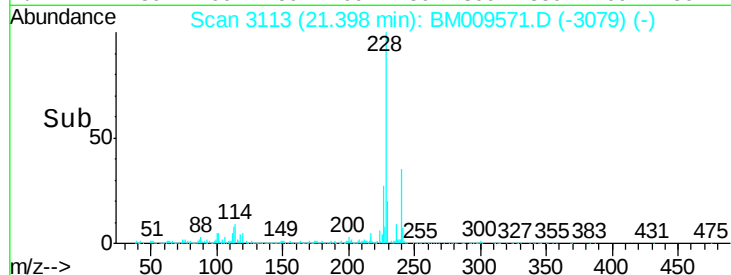
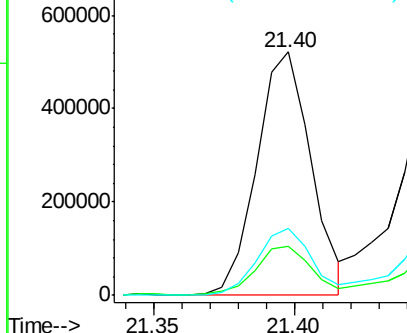
Tot Ion:	228	Resp:	692612
Ion Ratio	Lower	Upper	
228	100		
229	20.0	15.9	23.9
226	27.7	22.1	33.1

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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



#22

Chrysene

Concen: 11.51 ng/ul

RT: 21.45 min Scan# 3122

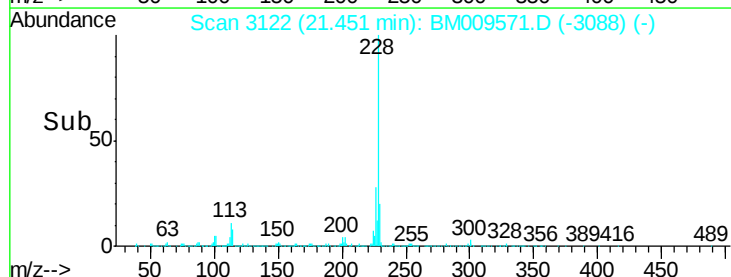
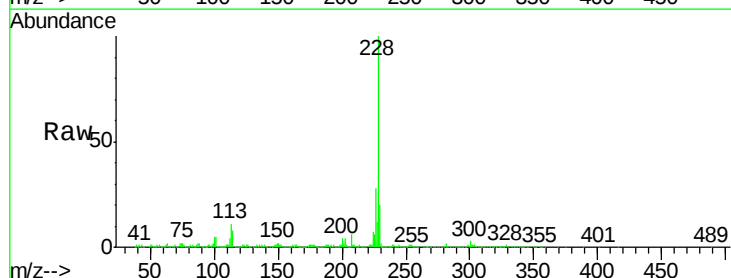
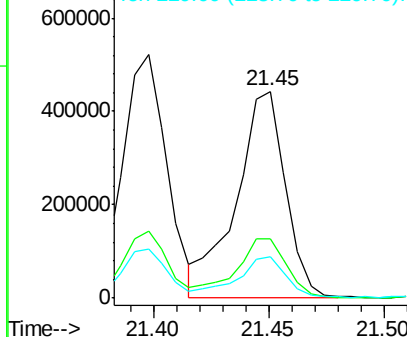
Delta R.T. 0.00 min

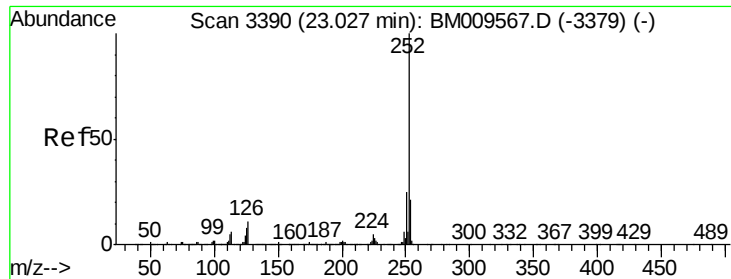
Lab File: BM009571.D

Acq: 05 Apr 2017 23:09

Tgt Ion:	228	Resp:	659287
Ion Ratio	Lower	Upper	
228	100		
226	28.4	25.0	37.6
229	20.0	16.6	25.0

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





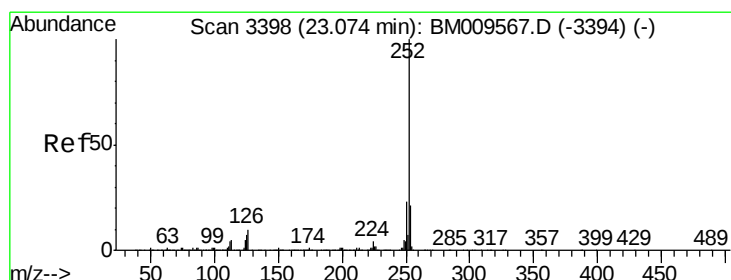
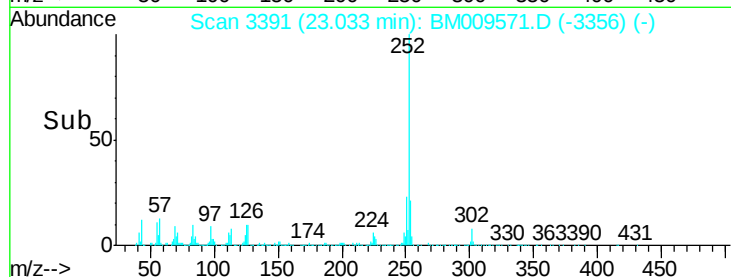
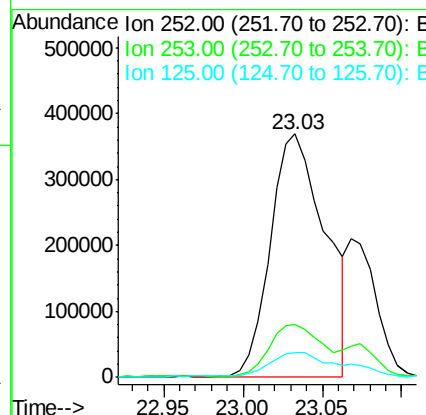
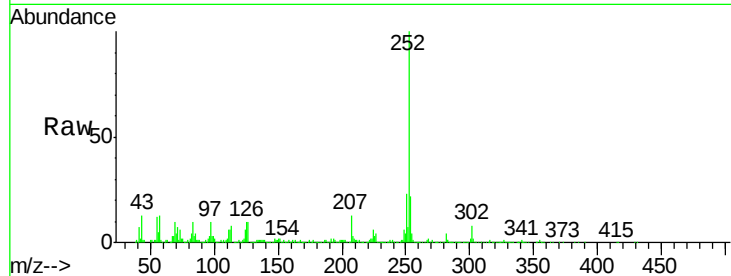
#24
Benzo(b)fluoranthene
Concen: 13.59 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Instrument :
BNA_M
ClientSampled :
CB321

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.6
125	10.3	9.4	14.0

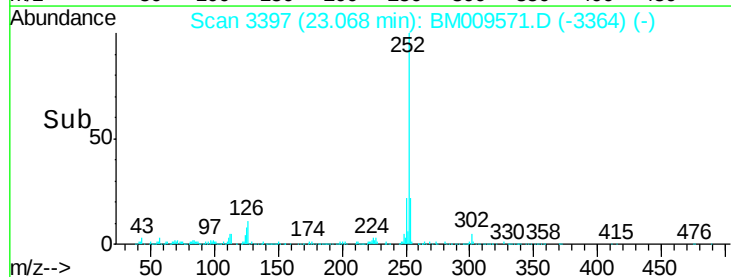
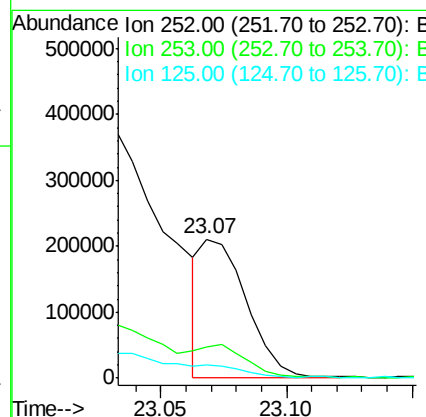
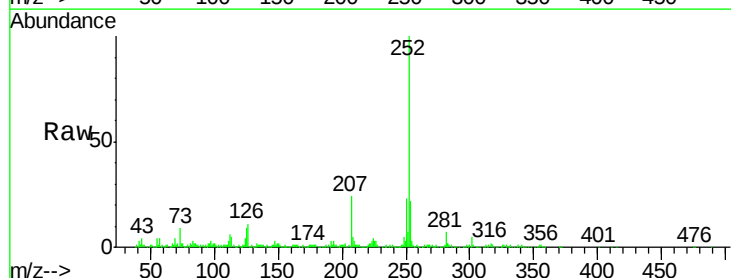
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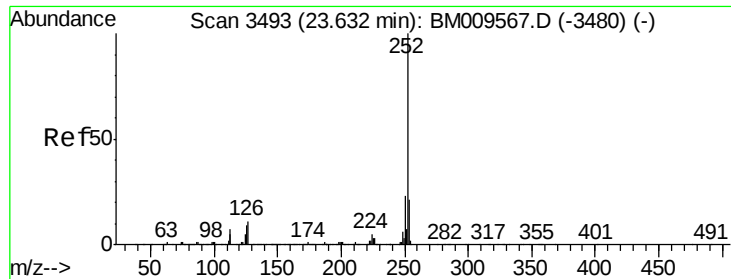
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#25
Benzo(k)fluoranthene
Concen: 4.29 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.3	8.8	13.2





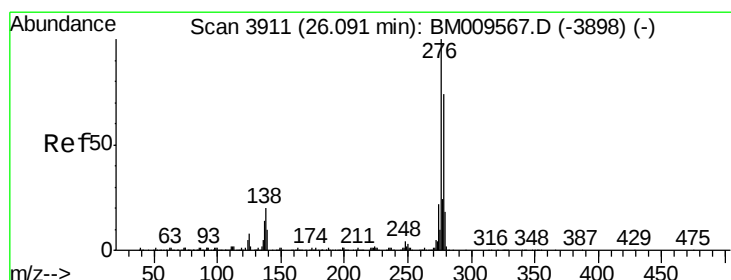
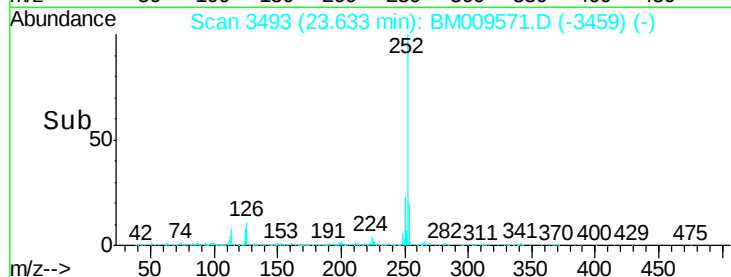
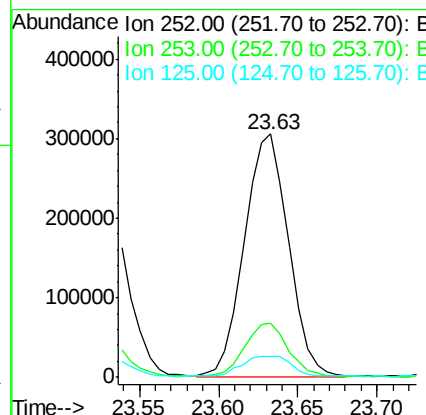
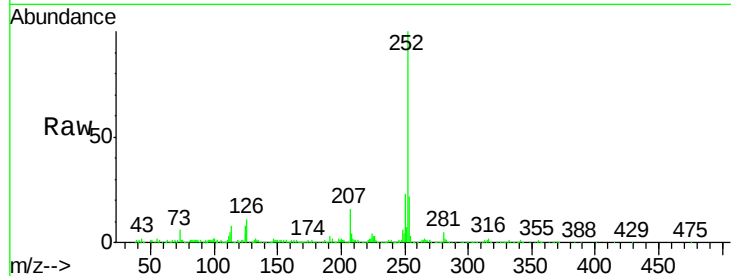
#27
Benzo(a)pyrene
Concen: 9.62 ng/ul m
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Instrument :
BNA_M
ClientSampleId :
CB321

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.5	9.4	14.2

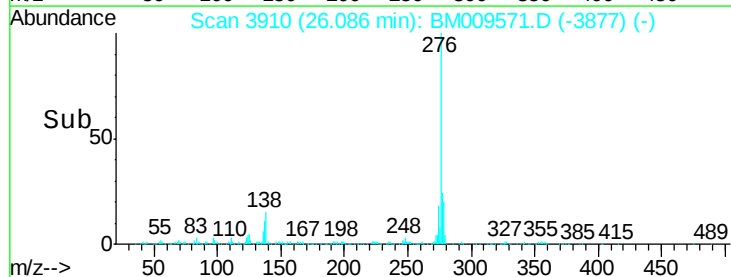
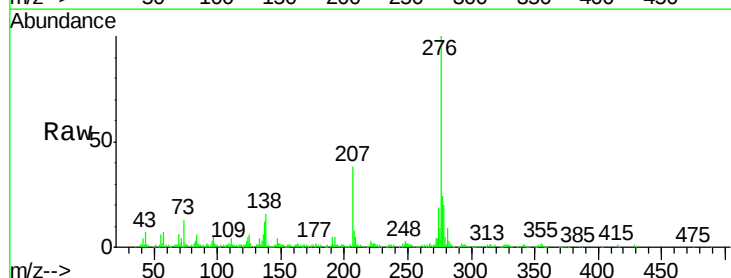
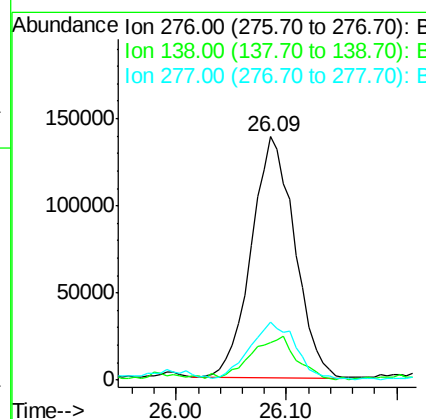
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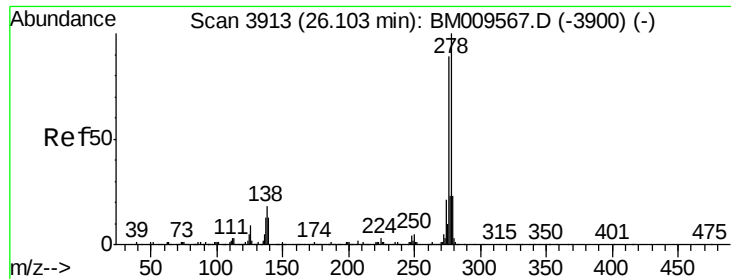
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#28
Indeno(1,2,3-cd)pyrene
Concen: 5.50 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	17.8	26.6
277	24.1	19.4	29.0





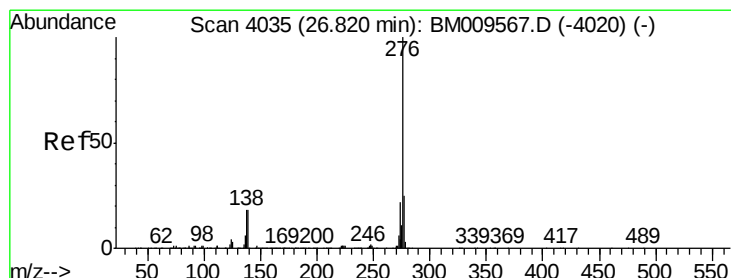
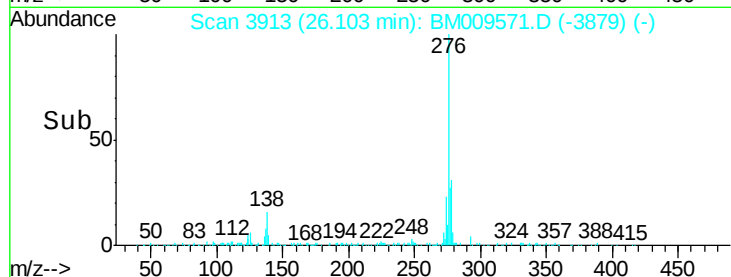
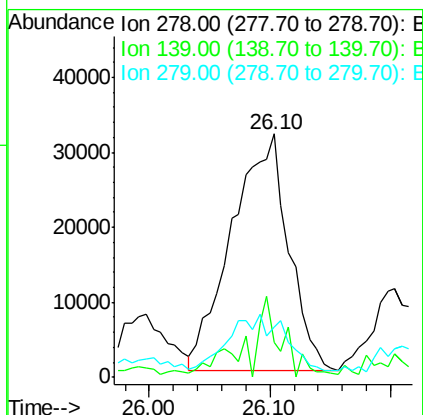
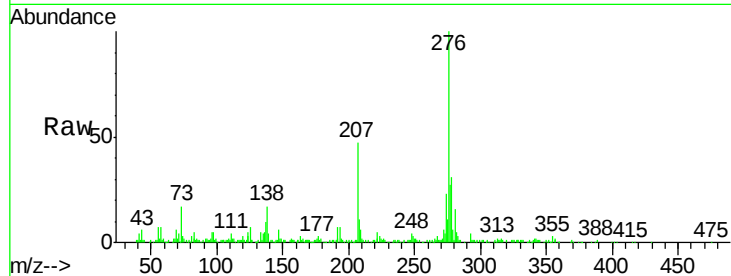
#29
Dibenzo(a,h)anthracene
Concen: 1.74 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Instrument :
BNA_M
ClientSampleId :
CB321

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	14.0	21.0
279	20.5	20.6	31.0

Manual Integrations
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#30
Benzo(g,h,i)perylene
Concen: 5.74 ng/ul
RT: 26.82 min Scan# 4034
Delta R.T. -0.01 min
Lab File: BM009571.D
Acq: 05 Apr 2017 23:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	19.0	28.4
277	25.6	19.7	29.5

