

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
 Data File : BM003587.D
 Acq On : 16 Dec 2015 20:54
 Operator : UM/IZ
 Sample : G4767-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N33

Manual Integrations
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MMdadoda
 12/17/2015 5:36:14 PM

Quant Time: Dec 17 07:54:34 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 17 02:56:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	4773	0.40	ng/ul	0.00
4) Naphthalene-d8	10.50	136	20194	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.37	164	11848	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.11	188	23381m	0.40	ng/ul	0.00
18) Chrysene-d12	21.30	240	18657	0.40	ng/ul	-0.01
22) Perylene-d12	23.56	264	19618m	0.40	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	20808	10.20	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.09	152	6596	0.27	ng/ul	-0.01
16) Fluoranthene-d10	19.14	212	12064	0.24	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.55	128	32700	0.72	ng/ul	99
7) 2-Methylnaphthalene	12.16	142	47269	1.55	ng/ul	99
9) Acenaphthylene	14.07	152	2893	0.06	ng/ul#	86
10) Acenaphthene	14.42	153	88039	2.41	ng/ul	90
11) Fluorene	15.41	166	91562	2.26	ng/ul	89
14) Phenanthrene	17.14	178	328536	5.45	ng/ul	94
17) Fluoranthene	19.17	202	137856	2.10	ng/ul	99
19) Pyrene	19.53	202	97831	1.94	ng/ul	99
20) Benzo(a)anthracene	21.28	228	15338	0.34	ng/ul#	91
21) Chrysene	21.34	228	11775m	0.23	ng/ul	
23) Benzo(b)fluoranthene	22.88	252	6817m	0.10	ng/ul	
25) Benzo(a)pyrene	23.45	252	3144m	0.06	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.82	276	1075m	0.02	ng/ul	
28) Benzo(g,h,i)perylene	26.52	276	958m	0.02	ng/ul	

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

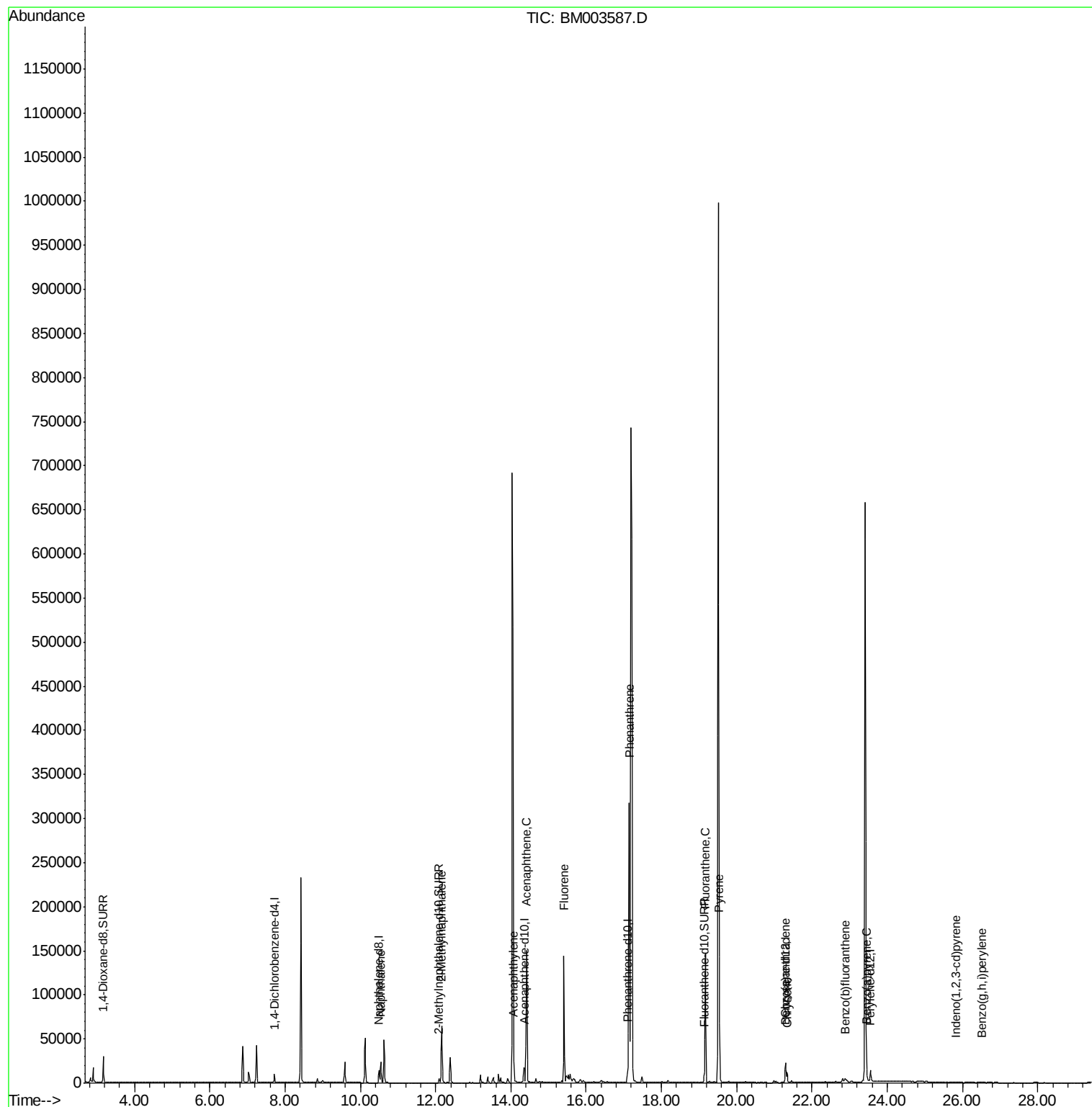
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
Data File : BM003587.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

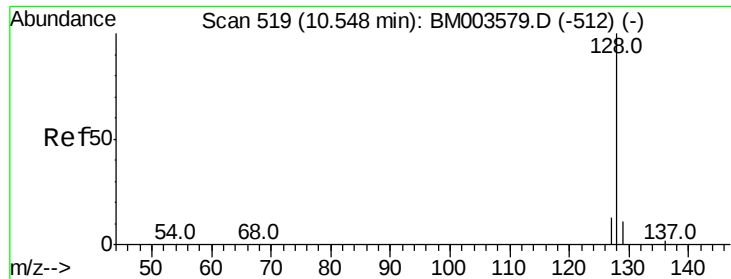
Instrument :
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D9N33

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM121515.M
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QLast Update : Thu Dec 17 02:56:38 2015
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#5

Naphthalene

Concen: 0.72 ng/ul

RT: 10.55 min Scan# 519

Delta R.T. -0.00 min

Lab File: BM003587.D

Acq: 16 Dec 2015 20:54

Instrument :

BNA_M

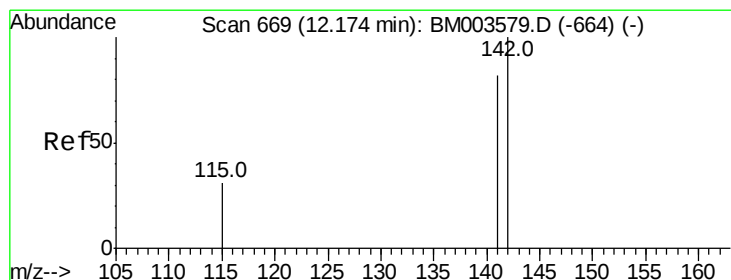
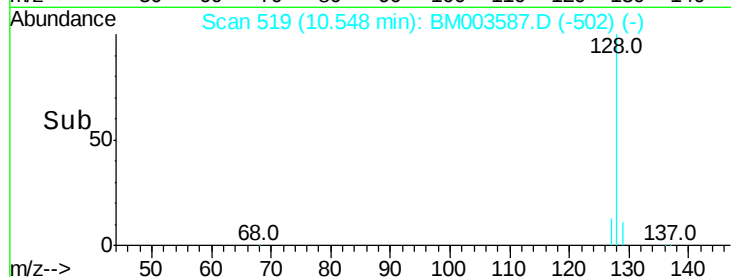
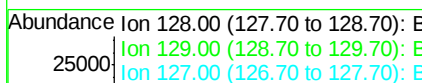
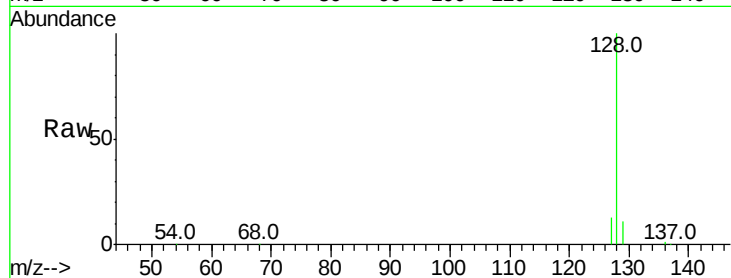
ClientSampleId :

D9N33

Tot Ion:	128	Resp:	32700
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.8	9.6	14.4

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#7

2-Methylnaphthalene

Concen: 1.55 ng/ul

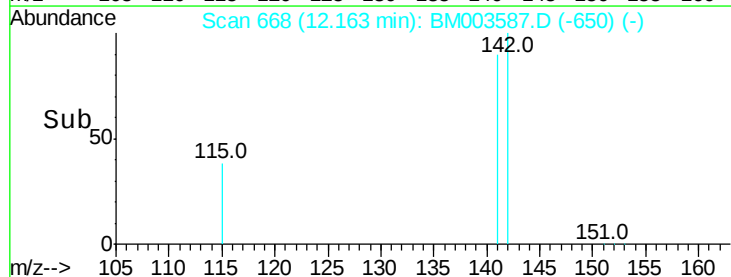
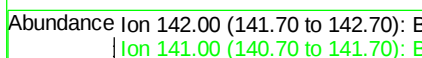
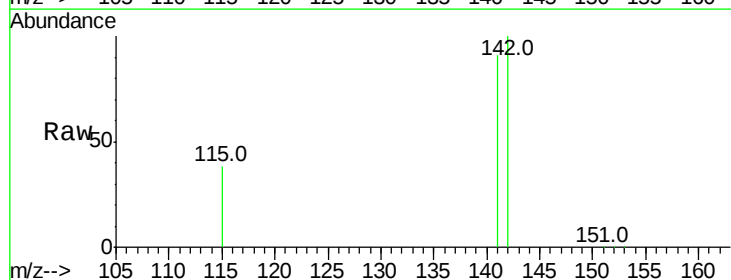
RT: 12.16 min Scan# 668

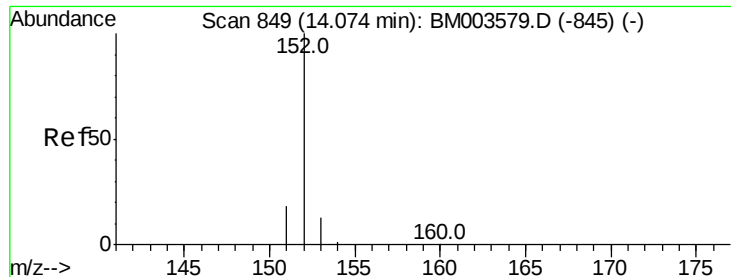
Delta R.T. -0.01 min

Lab File: BM003587.D

Acq: 16 Dec 2015 20:54

Tgt Ion:	142	Resp:	47269
Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.3	105.5





#9

Acenaphthylene

Concen: 0.06 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM003587.D

Acq: 16 Dec 2015 20:54

Instrument :

BNA_M

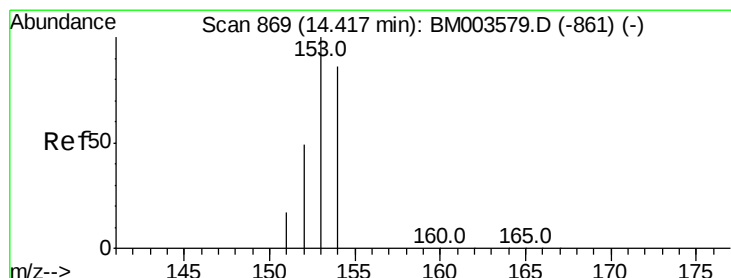
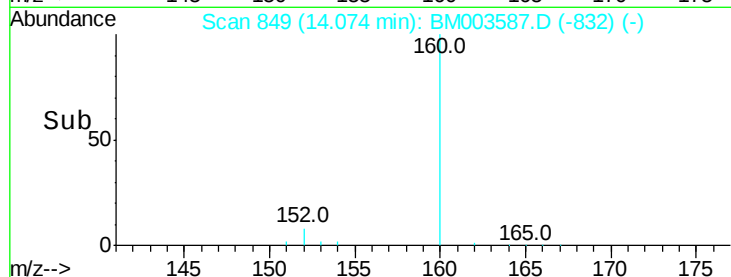
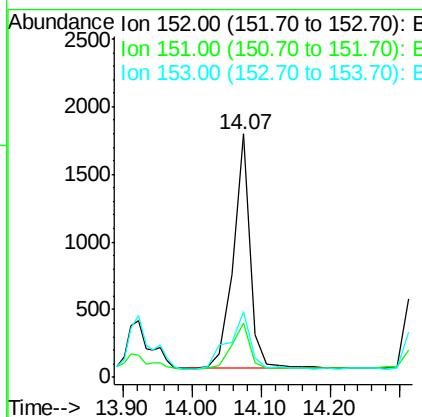
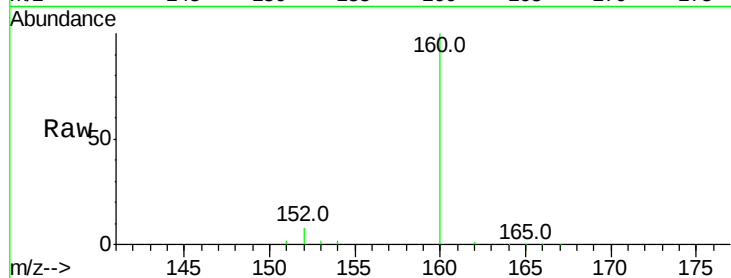
ClientSampleId :

D9N33

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Tot Ion:	152	Resp:	2893
Ion Ratio	Lower	Upper	
152	100		
151	22.1	17.6	26.4
153	27.0	9.7	14.5#



#10

Acenaphthene

Concen: 2.41 ng/ul

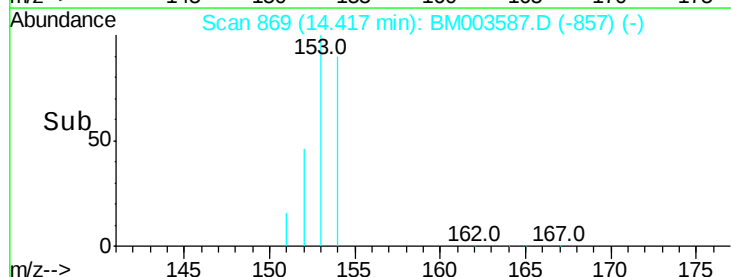
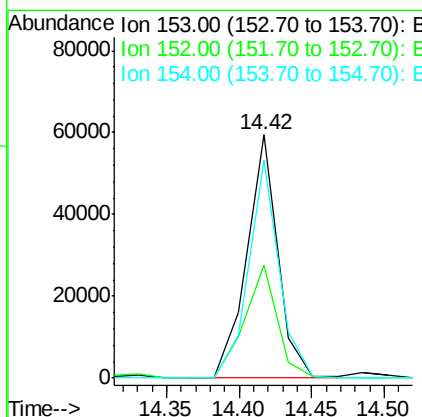
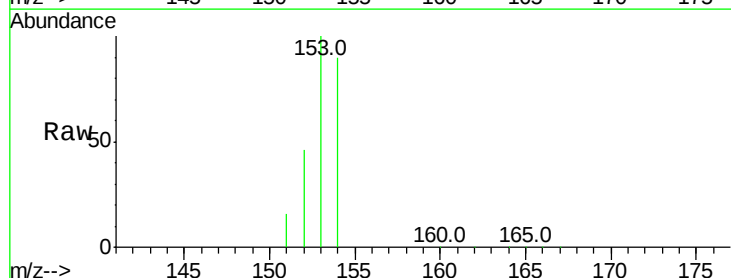
RT: 14.42 min Scan# 869

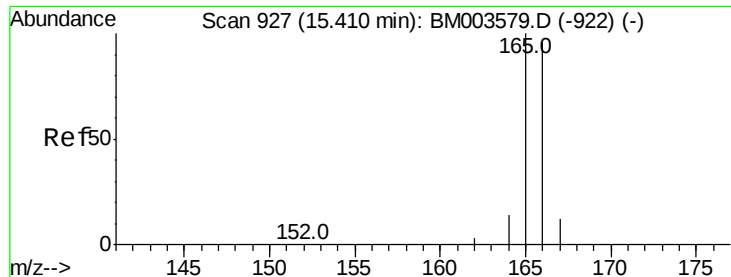
Delta R.T. -0.00 min

Lab File: BM003587.D

Acq: 16 Dec 2015 20:54

Tgt Ion:	153	Resp:	88039
Ion Ratio	Lower	Upper	
153	100		
152	46.4	33.9	50.9
154	89.7	80.6	121.0





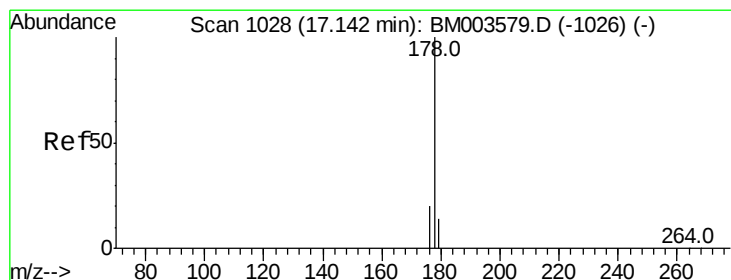
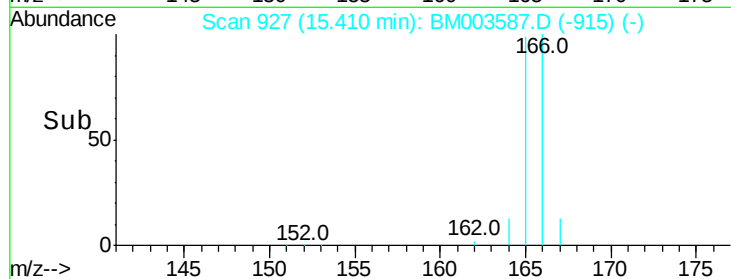
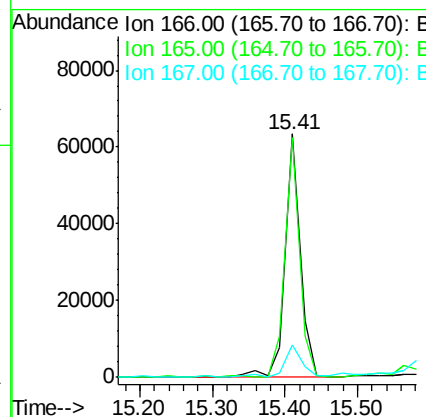
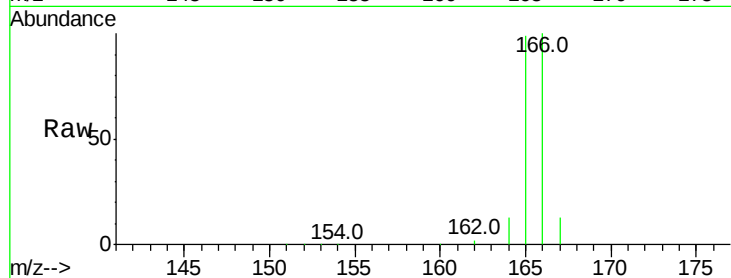
#11
Fluorene
 Concen: 2.26 ng/ul
 RT: 15.41 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BM003587.D
 Acq: 16 Dec 2015 20:54

Instrument :
 BNA_M
 ClientSampleId :
 D9N33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	98.7	69.6	104.4		
167	13.3	11.9	17.9		

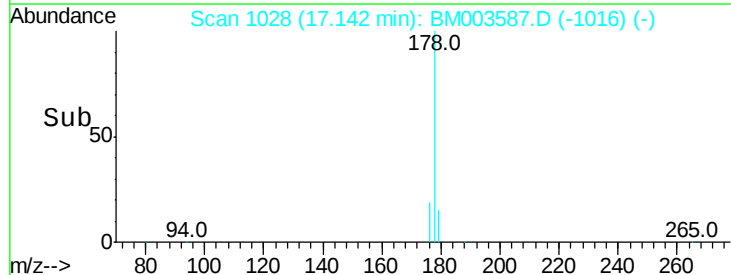
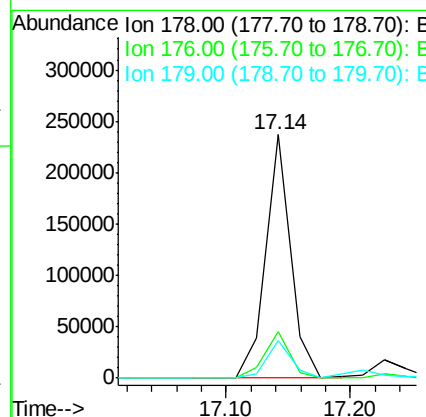
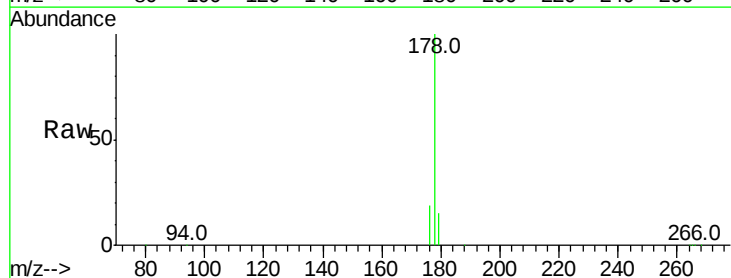
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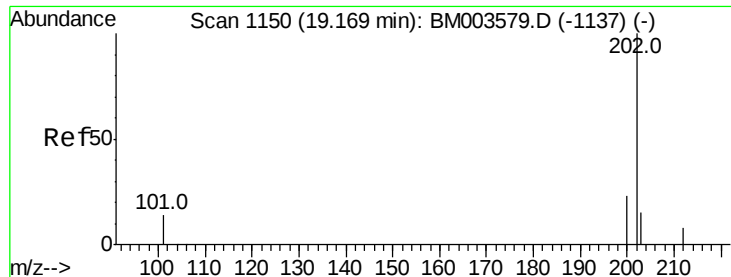
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#14
Phenanthrene
 Concen: 5.45 ng/ul
 RT: 17.14 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BM003587.D
 Acq: 16 Dec 2015 20:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	18.9	13.0	19.4		
179	15.2	14.2	21.2		





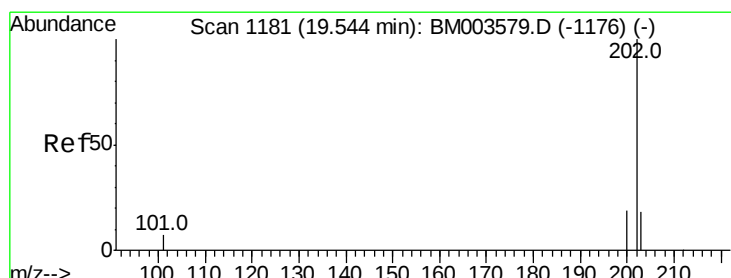
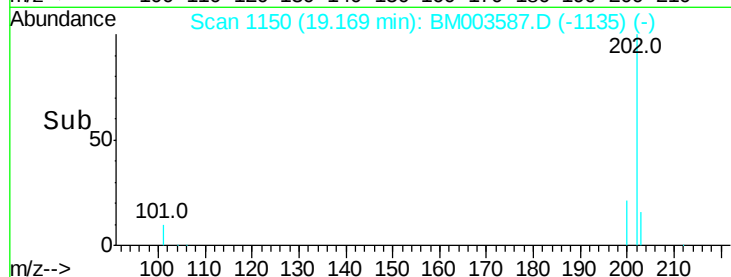
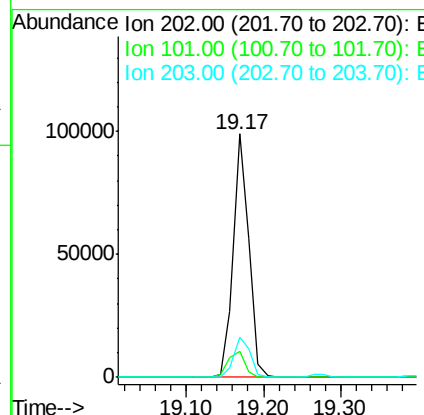
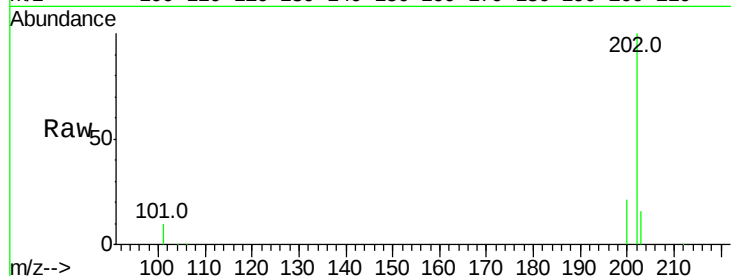
#17
Fluoranthene
Concen: 2.10 ng/ul
RT: 19.17 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BM003587.D
Acq: 16 Dec 2015 20:54

Instrument :
BNA_M
ClientSampleId :
D9N33

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.5	0.0	29.6
203	16.4	0.0	36.3

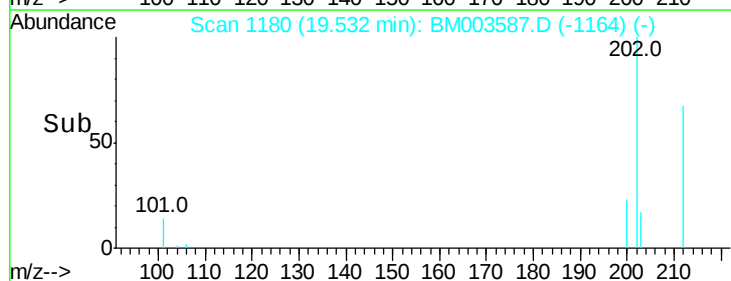
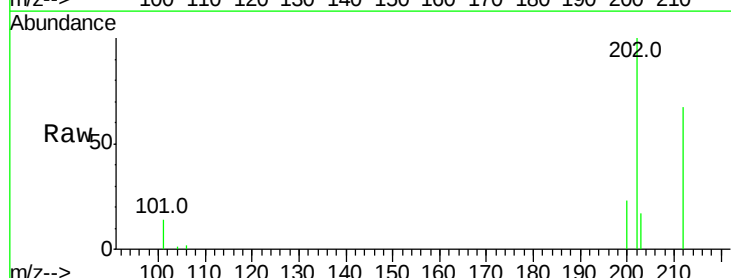
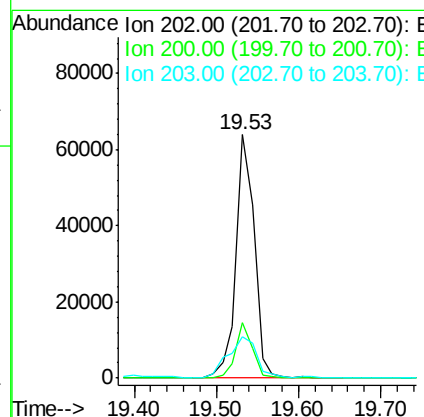
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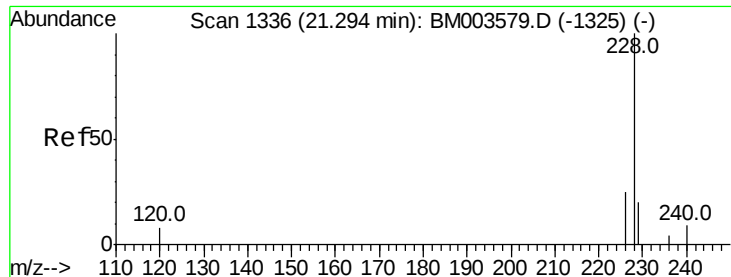
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#19
Pyrene
Concen: 1.94 ng/ul
RT: 19.53 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BM003587.D
Acq: 16 Dec 2015 20:54

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
200	22.6	17.8	26.8
203	17.1	12.8	19.2





#20

Benzo(a)anthracene

Concen: 0.34 ng/ul

RT: 21.28 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BM003587.D

Acq: 16 Dec 2015 20:54

Instrument :

BNA_M

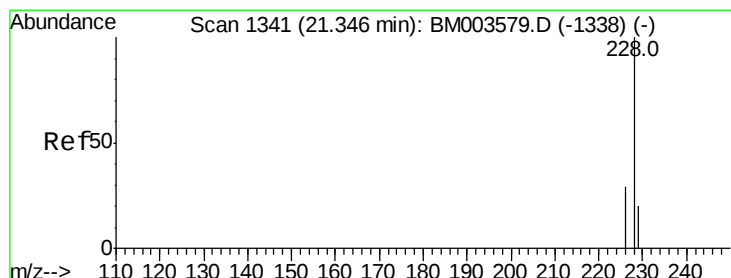
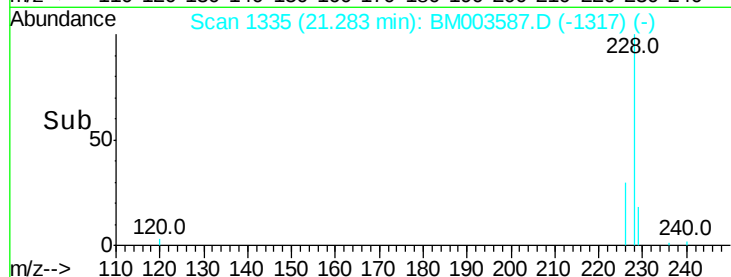
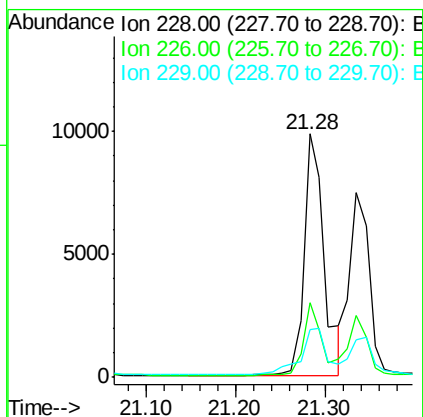
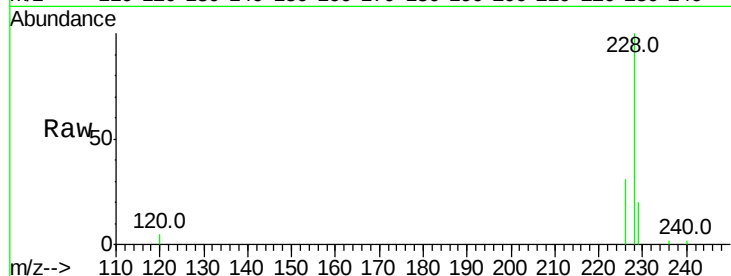
ClientSampleId :

D9N33

Tot Ion:	228	Resp:	15338
Ion Ratio	Lower	Upper	
228	100		
226	30.5	18.8	28.2#
229	19.5	17.1	25.7

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#21

Chrysene

Concen: 0.23 ng/ul m

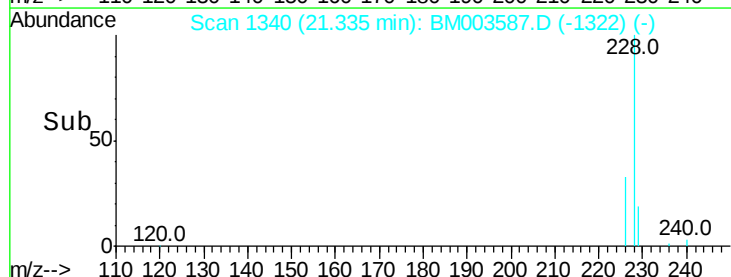
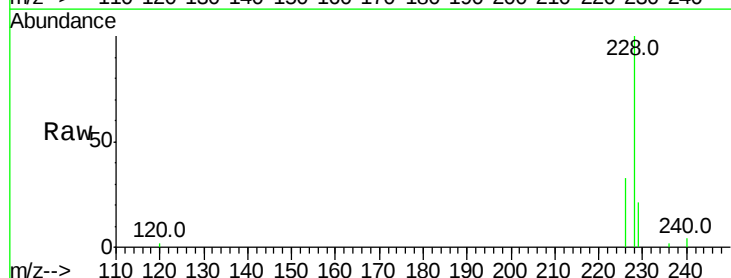
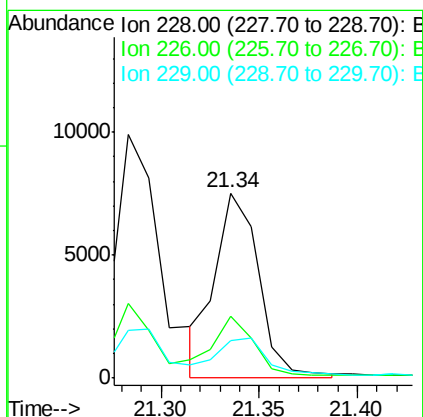
RT: 21.34 min Scan# 1340

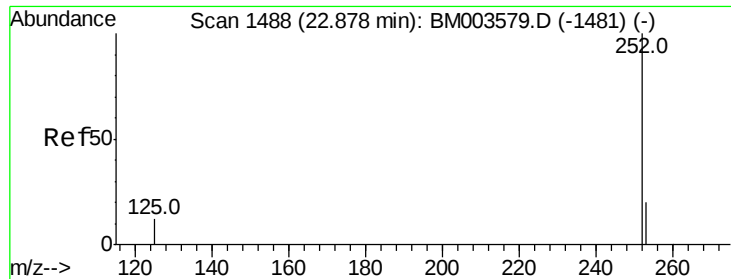
Delta R.T. -0.01 min

Lab File: BM003587.D

Acq: 16 Dec 2015 20:54

Tgt Ion:	228	Resp:	11775
Ion Ratio	Lower	Upper	
228	100		
226	33.5	21.2	31.8#
229	20.5	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.10 ng/ul m

RT: 22.88 min Scan# 1488

Delta R.T. -0.00 min

Lab File: BM003587.D

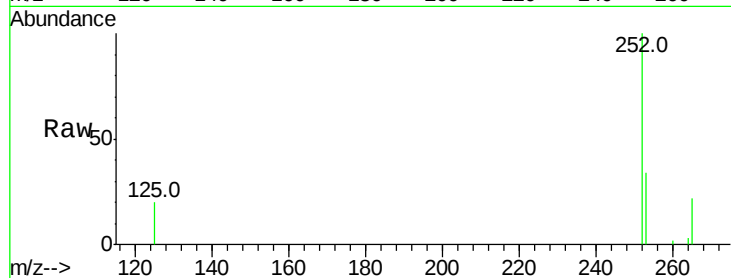
Acq: 16 Dec 2015 20:54

Instrument :

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ClientSampleId :

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Tot Ion:252 Resp: 6817

Ion Ratio Lower Upper

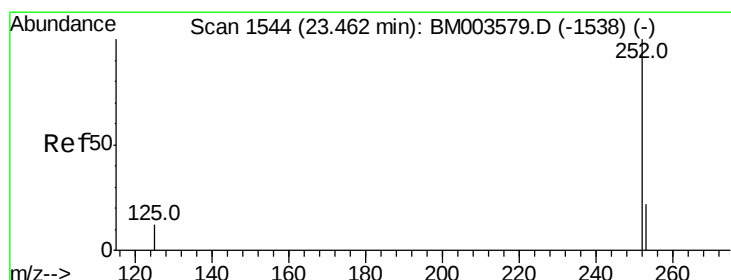
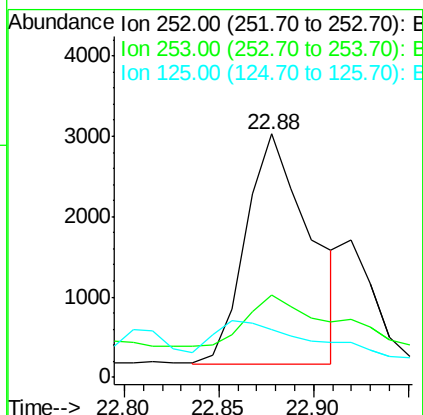
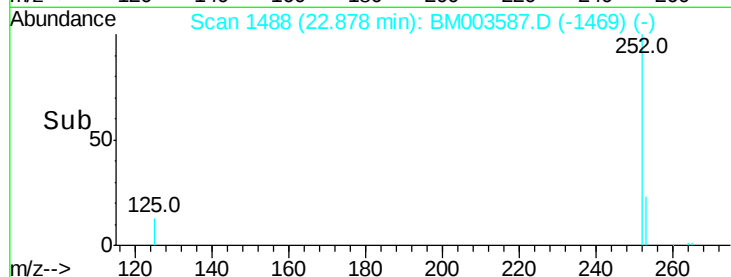
252 100

253 33.7 0.0 45.4

125 19.6 0.0 28.8

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#25

Benzo(a)pyrene

Concen: 0.06 ng/ul m

RT: 23.45 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BM003587.D

Acq: 16 Dec 2015 20:54

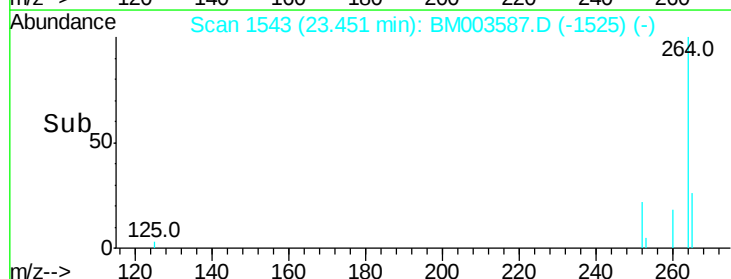
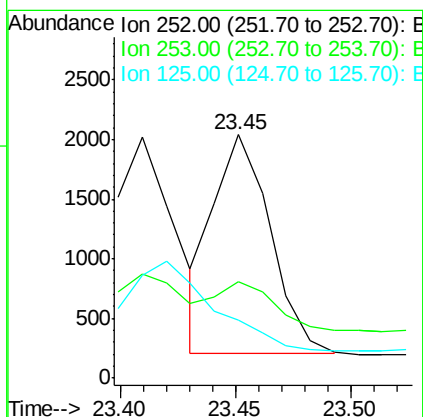
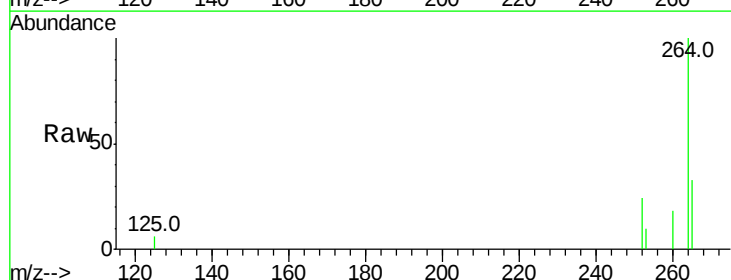
Tgt Ion:252 Resp: 3144

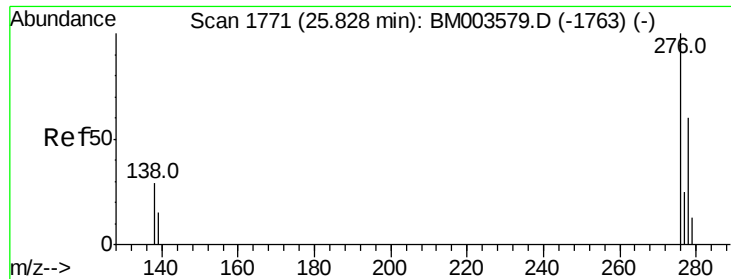
Ion Ratio Lower Upper

252 100

253 39.3 19.4 29.2#

125 23.6 12.7 19.1#





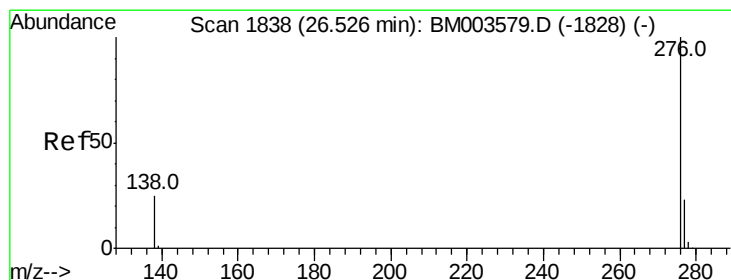
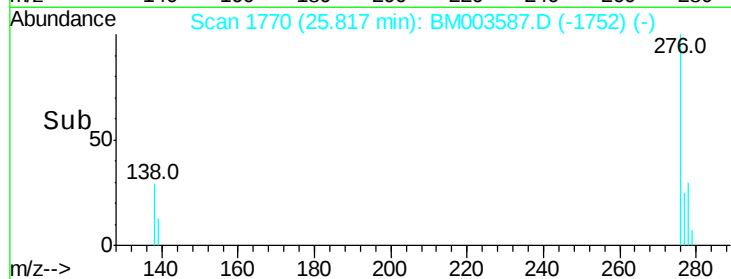
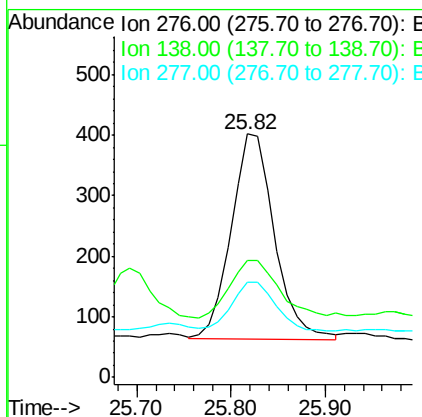
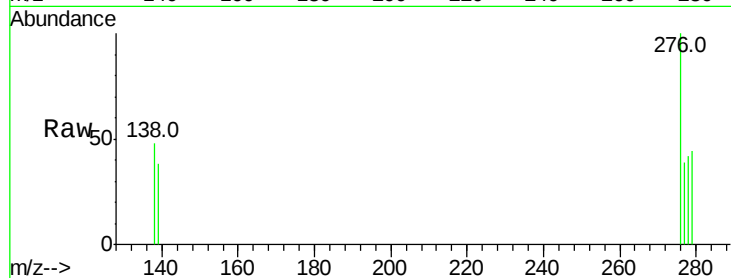
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng/ul m
 RT: 25.82 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BM003587.D
 Acq: 16 Dec 2015 20:54

Instrument :
 BNA_M
 ClientSampleId :
 D9N33

Tot Ion	Ratio	Lower	Upper
276	100		
138	86.3	16.3	24.5#
277	0.0	19.8	29.8#

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#28
 Benzo(g,h,i)perylene
 Concen: 0.02 ng/ul m
 RT: 26.52 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BM003587.D
 Acq: 16 Dec 2015 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	40.8	18.9	28.3#
138	51.1	22.5	33.7#

