

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
 Data File : BM003583.D
 Acq On : 16 Dec 2015 18:30
 Operator : UM/IZ
 Sample : G4767-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9N29

Manual Integrations
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Quant Time: Dec 17 07:14:45 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	5237	0.40	ng/ul	0.00
4) Naphthalene-d8	10.51	136	22561	0.40	ng/ul	0.01
8) Acenaphthene-d10	14.35	164	49633	0.40	ng/ul	-0.02
12) Phenanthrene-d10	17.12	188	27893	0.40	ng/ul	0.02
18) Chrysene-d12	21.31	240	31008	0.40	ng/ul	0.00
22) Perylene-d12	23.57	264	27655m	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	13061	5.83	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.10	152	4928	0.18	ng/ul	0.00
16) Fluoranthene-d10	19.04	212	52364m	0.88	ng/ul	-0.11
Target Compounds						
					Ovalue	
5) Naphthalene	10.57	128	15541318	305.77	ng/ul#	93
7) 2-Methylnaphthalene	12.18	142	8810896	258.22	ng/ul	96
9) Acenaphthylene	14.07	152	1220861	6.44	ng/ul#	93
10) Acenaphthene	14.43	153	13063376	85.49	ng/ul#	83
11) Fluorene	15.44	166	12961181	76.51	ng/ul	95
13) Pentachlorophenol	16.80	266	358	0.09	ng/ul	96
14) Phenanthrene	17.19	178	30717693	426.97	ng/ul#	81
15) Anthracene	17.26	178	10266106	164.95	ng/ul#	90
17) Fluoranthene	19.21	202	20924119	267.82	ng/ul	85
19) Pyrene	19.57	202	15971372	190.80	ng/ul#	86
20) Benzo(a)anthracene	21.29	228	4679399	61.81	ng/ul#	90
21) Chrysene	21.36	228	3582179	41.30	ng/ul	95
23) Benzo(b)fluoranthene	22.89	252	2060753m	21.83	ng/ul	
24) Benzo(k)fluoranthene	22.92	252	828448m	9.68	ng/ul	
25) Benzo(a)pyrene	23.46	252	1214283m	15.25	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.83	276	340524m	3.69	ng/ul	
27) Dibenzo(a,h)anthracene	25.83	278	92033m	1.24	ng/ul	
28) Benzo(a,h,i)perylene	26.52	276	260436m	3.24	ng/ul	

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

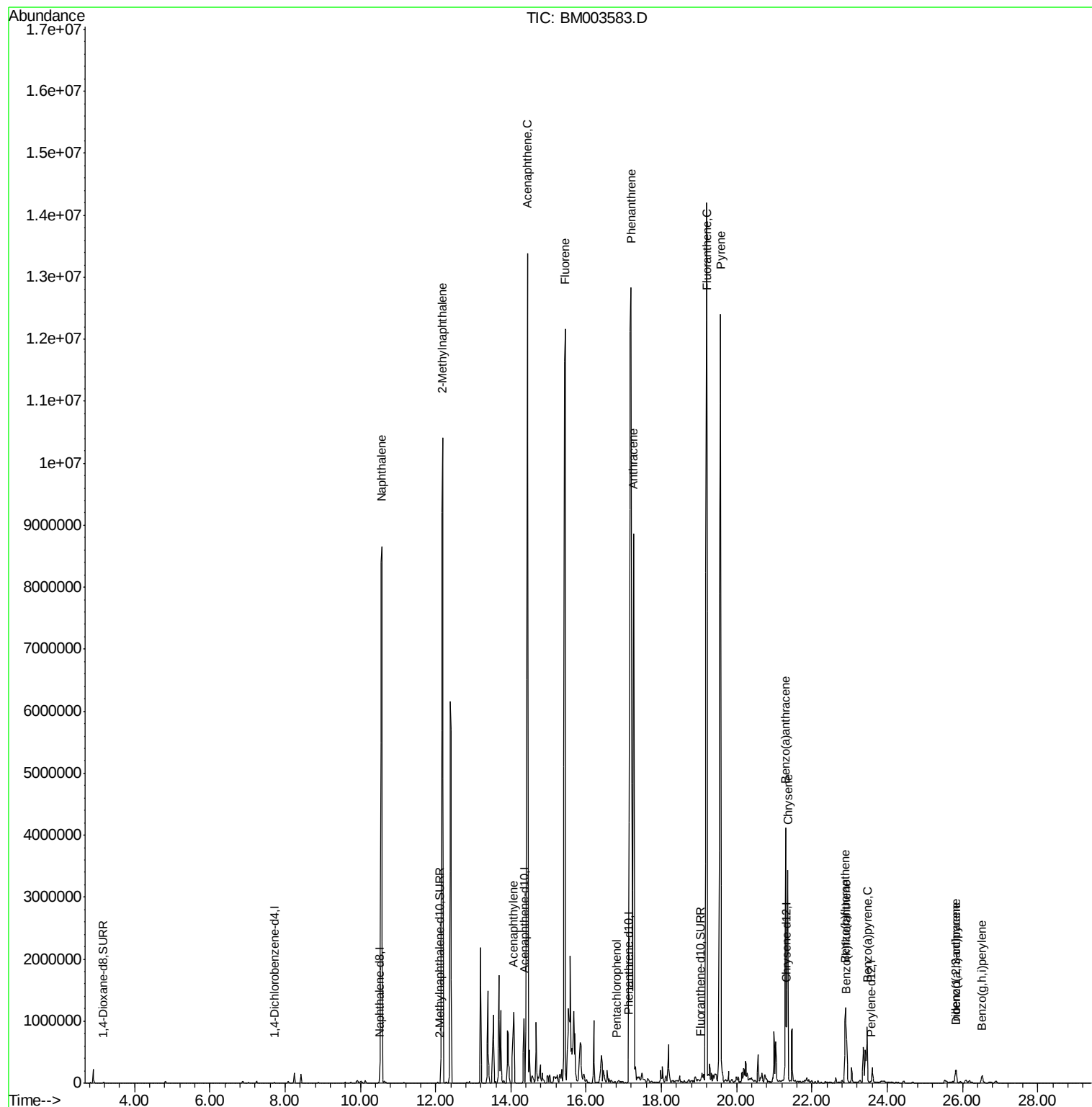
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121615\
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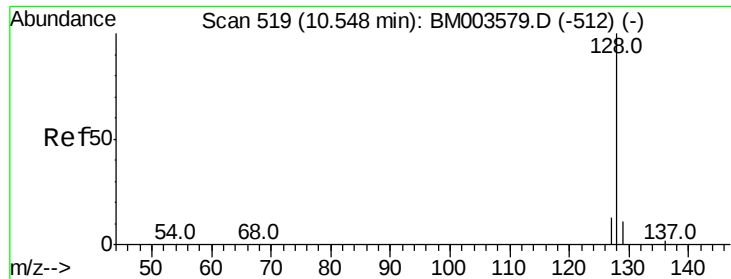
Instrument :
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D9N29

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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: 305.77 ng/ul

RT: 10.57 min Scan# 521

Delta R.T. 0.02 min

Lab File: BM003583.D

Acq: 16 Dec 2015 18:30

Instrument :

BNA_M

ClientSampleId :

D9N29

Tot Ion:128 Resp:15541318

Ion Ratio Lower Upper

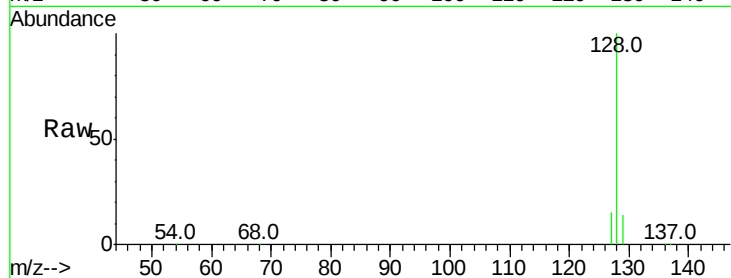
128 100

129 13.6 9.0 13.6#

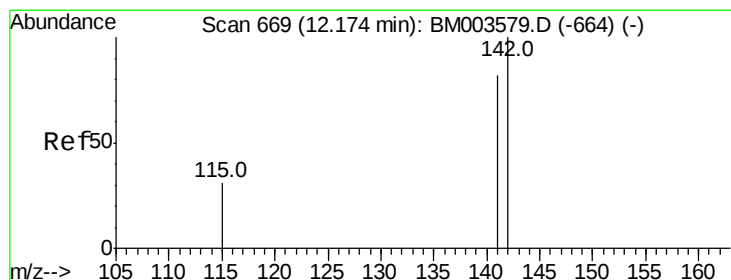
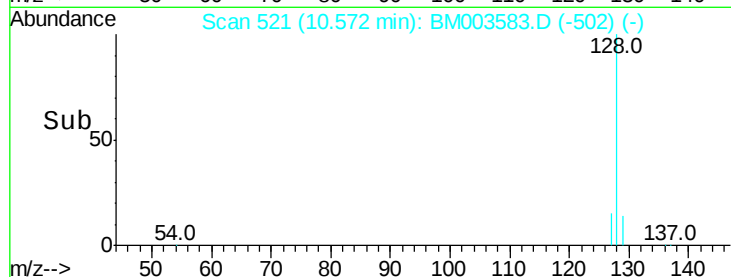
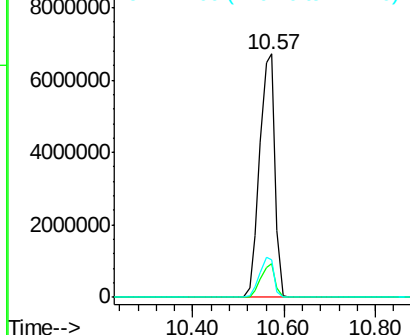
127 15.2 9.6 14.4#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#7

2-Methylnaphthalene

Concen: 258.22 ng/ul

RT: 12.18 min Scan# 670

Delta R.T. 0.01 min

Lab File: BM003583.D

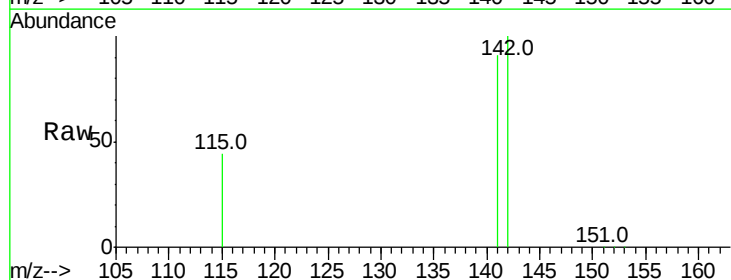
Acq: 16 Dec 2015 18:30

Tgt Ion:142 Resp: 8810896

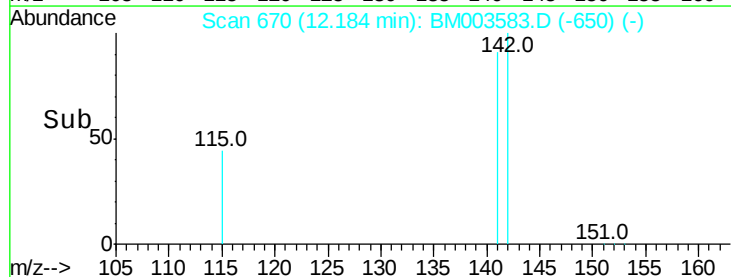
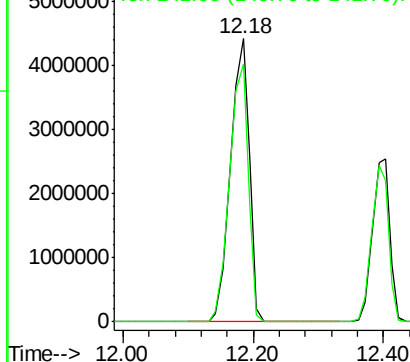
Ion Ratio Lower Upper

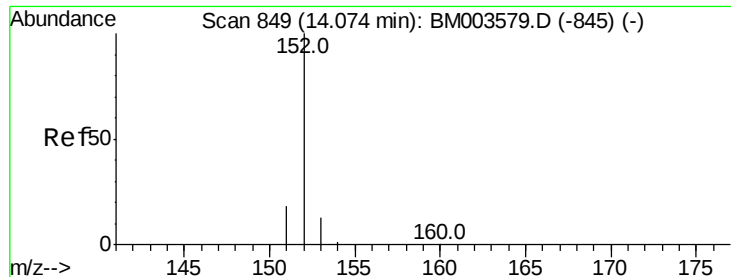
142 100

141 91.3 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#9

Acenaphthylene

Concen: 6.44 ng/ul

RT: 14.07 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM003583.D

Acq: 16 Dec 2015 18:30

Instrument :

BNA_M

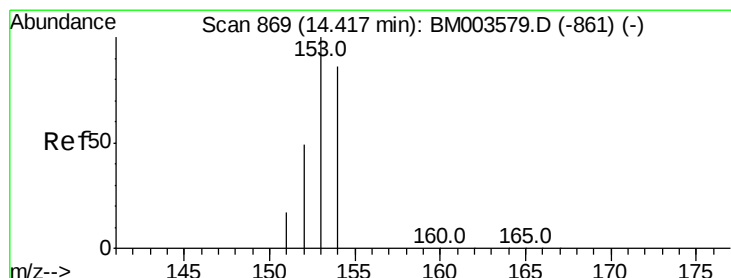
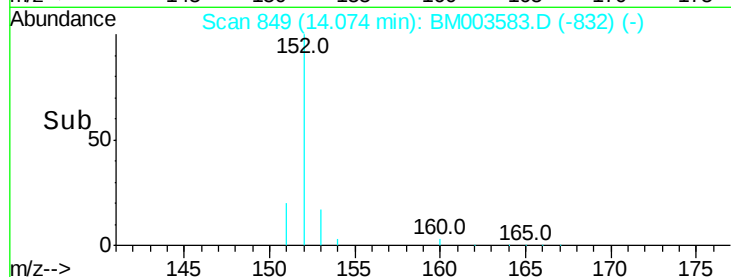
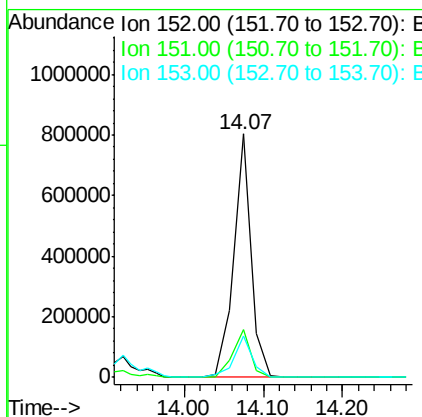
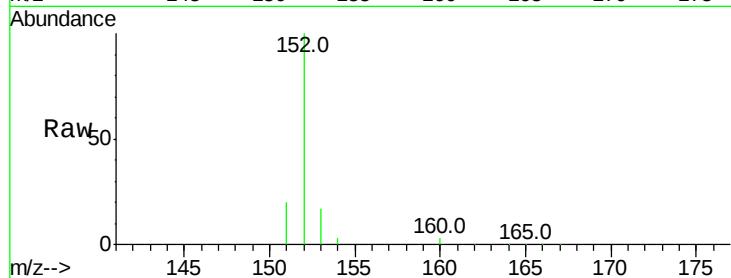
ClientSampleId :

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Tot Ion:	152	Resp:	1220861
Ion	Ratio	Lower	Upper
152	100		
151	19.8	17.6	26.4
153	17.0	9.7	14.5



#10

Acenaphthene

Concen: 85.49 ng/ul

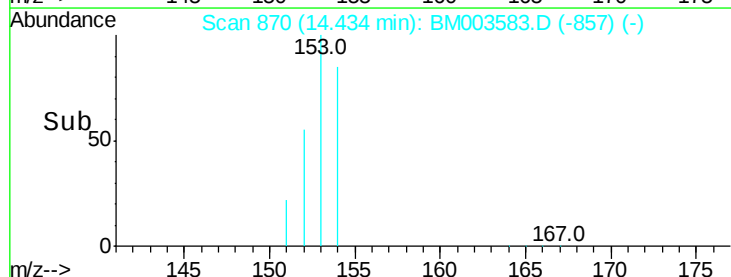
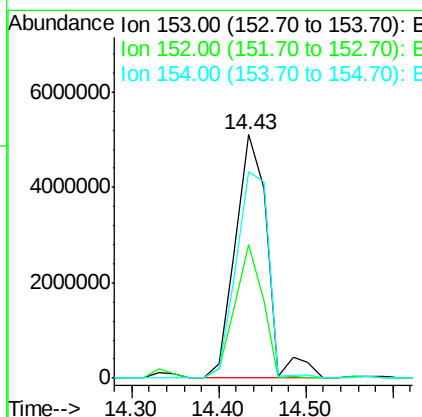
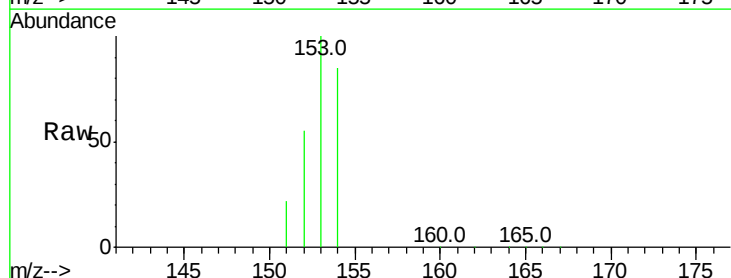
RT: 14.43 min Scan# 870

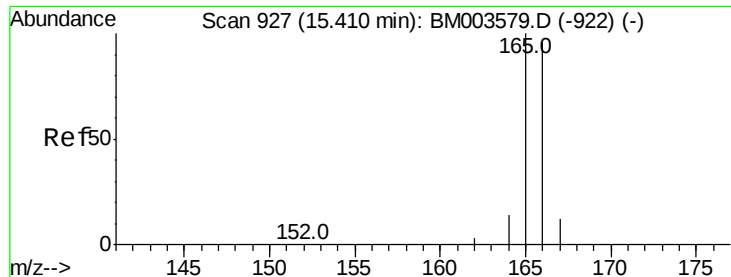
Delta R.T. 0.02 min

Lab File: BM003583.D

Acq: 16 Dec 2015 18:30

Tgt Ion:	153	Resp:	13063376
Ion	Ratio	Lower	Upper
153	100		
152	54.8	33.9	50.9
154	84.8	80.6	121.0





#11
 Fluorene
 Concen: 76.51 ng/ul
 RT: 15.44 min Scan# 929
 Delta R.T. 0.03 min
 Lab File: BM003583.D
 Acq: 16 Dec 2015 18:30

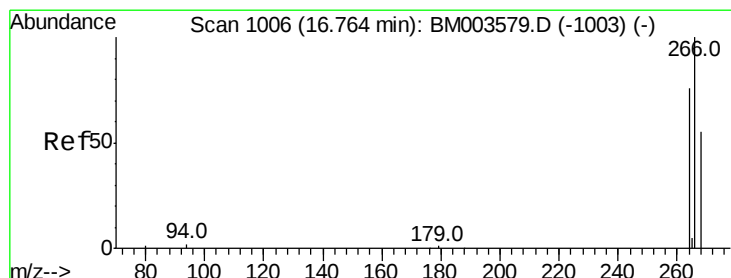
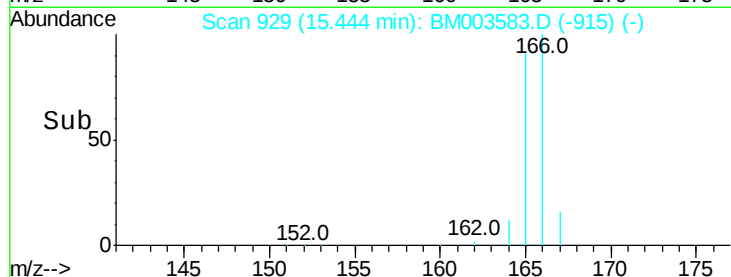
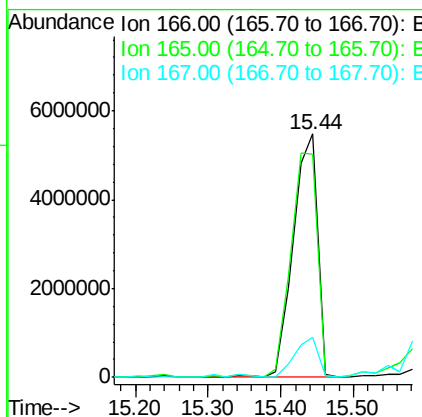
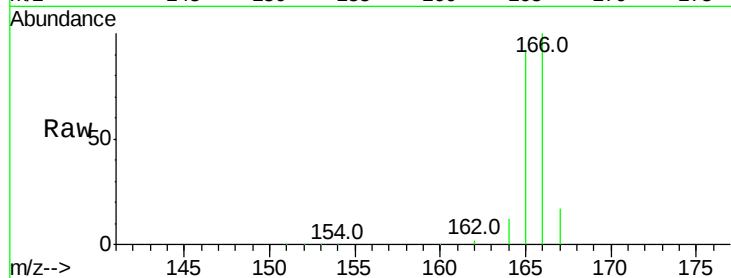
Instrument :
 BNA_M
 ClientSampleId :
 D9N29

Tot Ion:166 Resp:12961181

Ion	Ratio	Lower	Upper
166	100		
165	91.7	69.6	104.4
167	16.5	11.9	17.9

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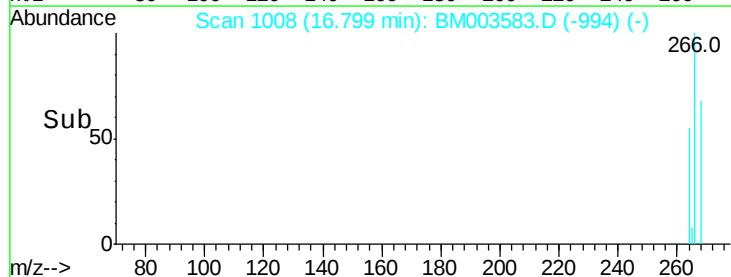
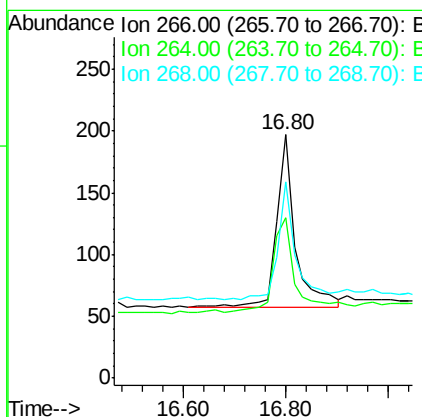
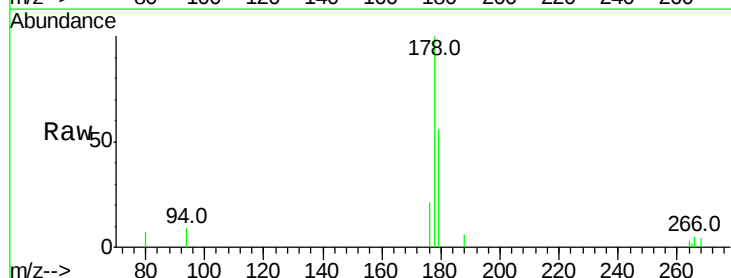
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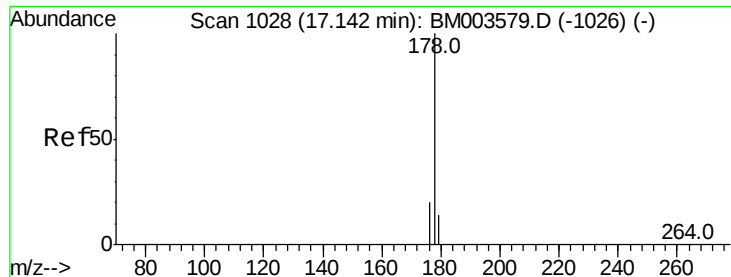


#13
 Pentachlorophenol
 Concen: 0.09 ng/ul
 RT: 16.80 min Scan# 1008
 Delta R.T. 0.03 min
 Lab File: BM003583.D
 Acq: 16 Dec 2015 18:30

Tgt Ion:266 Resp: 358

Ion	Ratio	Lower	Upper
266	100		
264	66.5	51.8	77.8
268	63.7	46.8	70.2





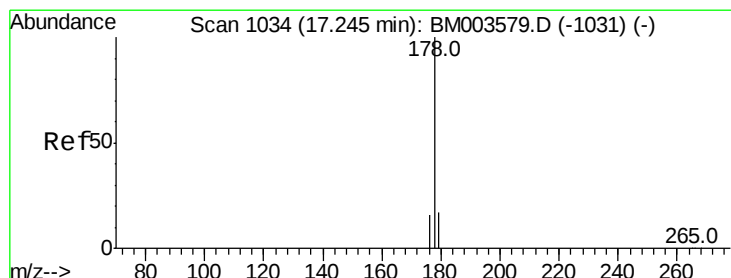
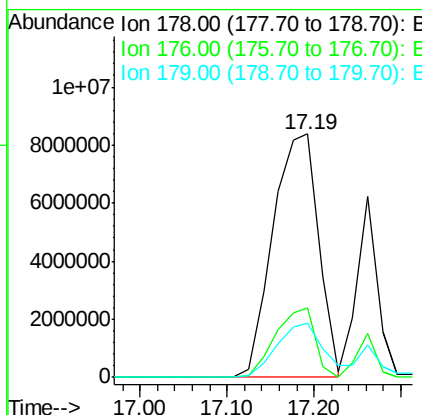
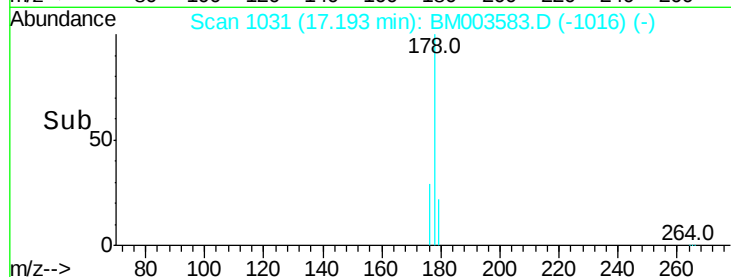
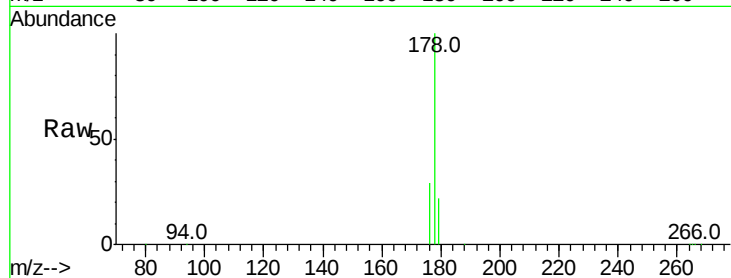
#14
Phenanthrene
Concen: 426.97 ng/ul
RT: 17.19 min Scan# 1031
Delta R.T. 0.05 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tot Ion:178 Resp:30717693
Ion Ratio Lower Upper
178 100
176 28.6 13.0 19.4#
179 22.1 14.2 21.2#

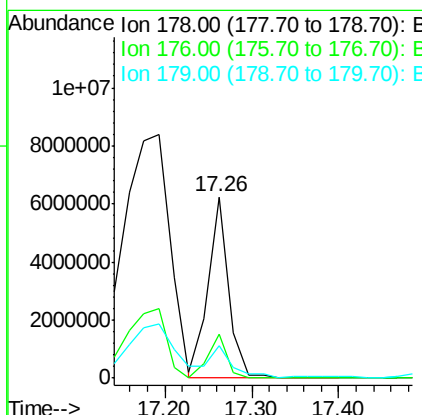
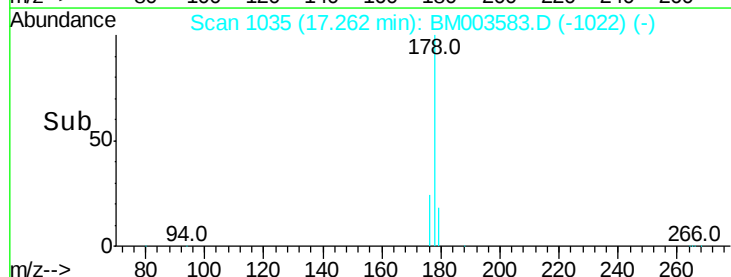
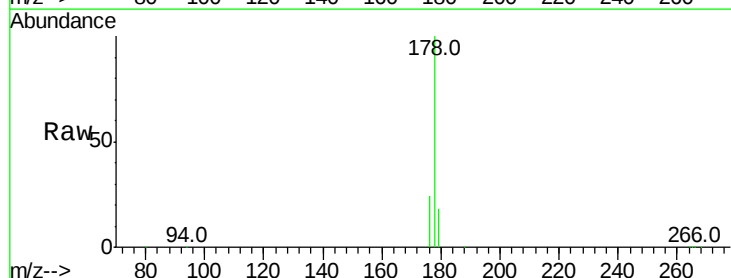
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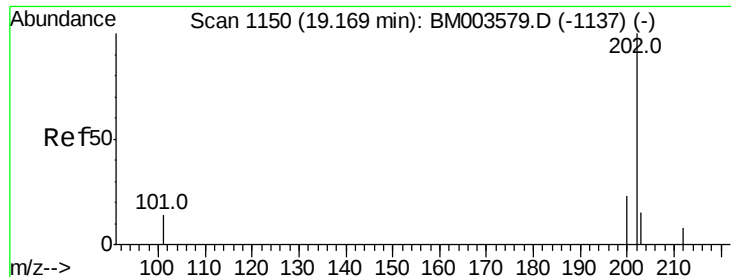
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#15
Anthracene
Concen: 164.95 ng/ul
RT: 17.26 min Scan# 1035
Delta R.T. 0.02 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:178 Resp:10266106
Ion Ratio Lower Upper
178 100
176 24.0 14.0 21.0#
179 17.7 12.9 19.3





#17
Fluoranthene
 Concen: 267.82 ng/ul
 RT: 19.21 min Scan# 1153
 Delta R.T. 0.04 min
 Lab File: BM003583.D
 Acq: 16 Dec 2015 18:30

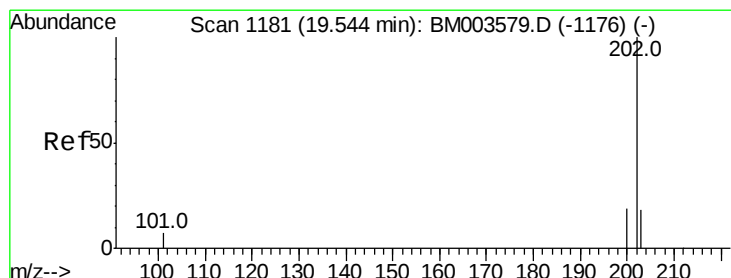
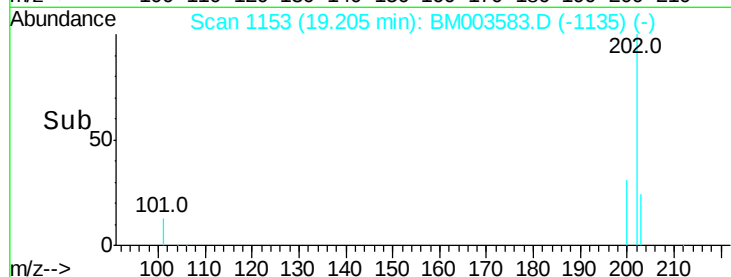
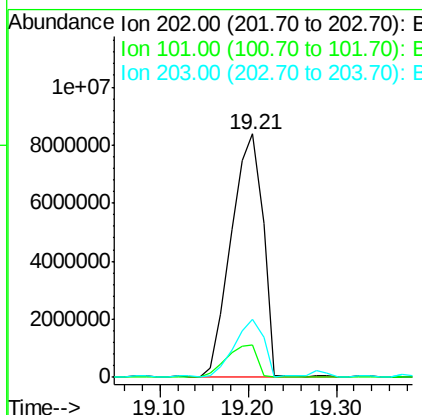
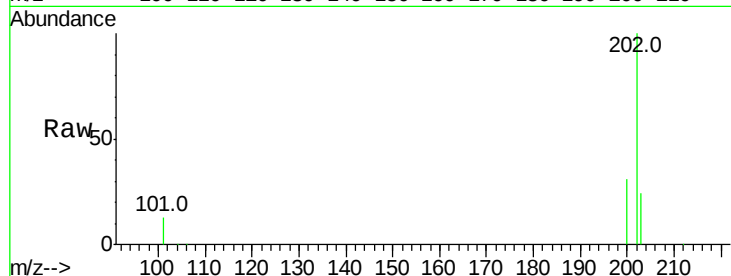
Instrument :
 BNA_M
 ClientSampleId :
 D9N29

Tot Ion:202 Resp:20924119

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	29.6
203	24.0	0.0	36.3

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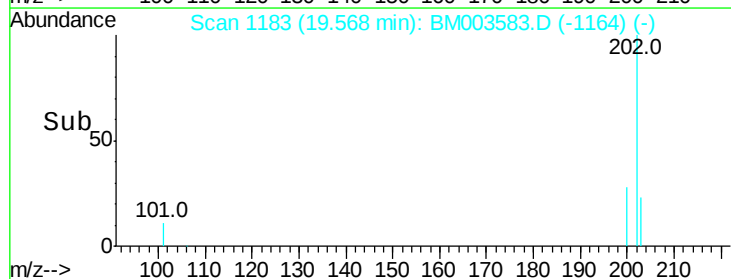
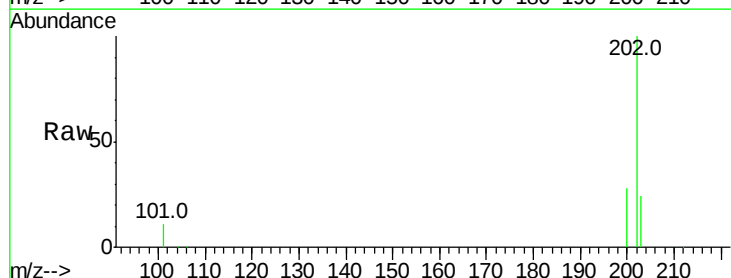
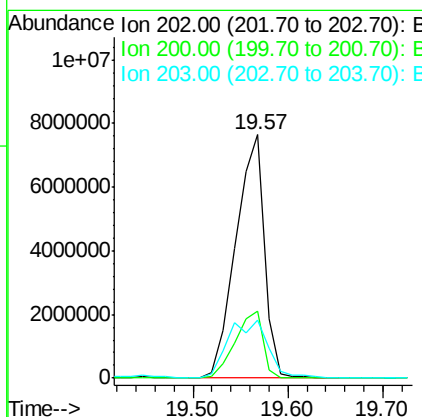
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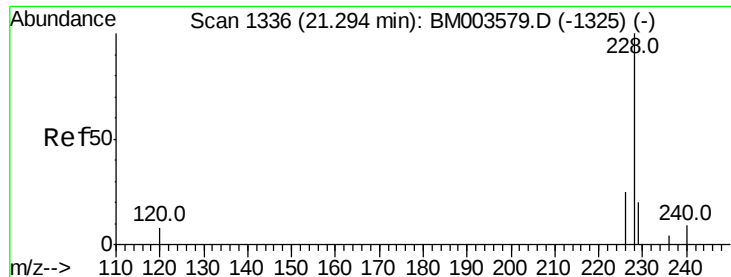


#19
Pyrene
 Concen: 190.80 ng/ul
 RT: 19.57 min Scan# 1183
 Delta R.T. 0.02 min
 Lab File: BM003583.D
 Acq: 16 Dec 2015 18:30

Tgt Ion:202 Resp:15971372

Ion	Ratio	Lower	Upper
202	100		
200	27.7	17.8	26.8#
203	23.7	12.8	19.2#





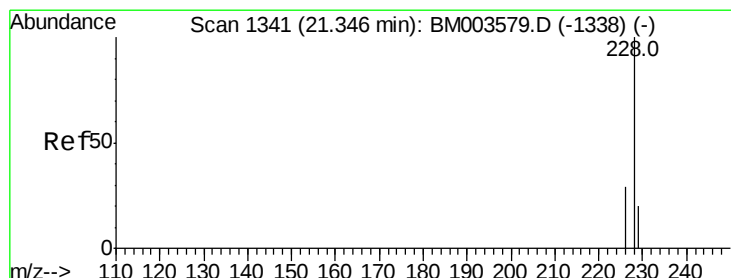
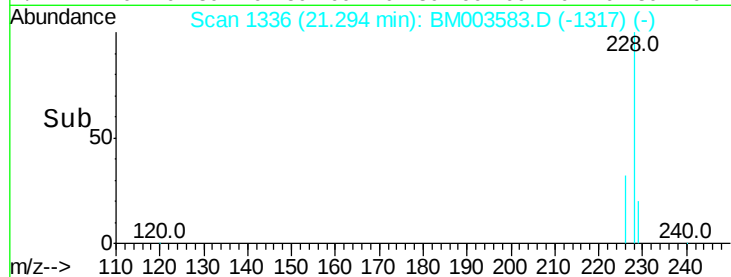
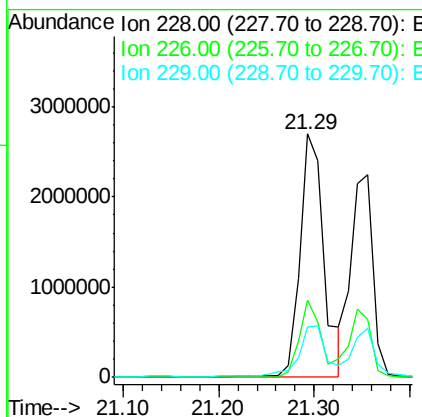
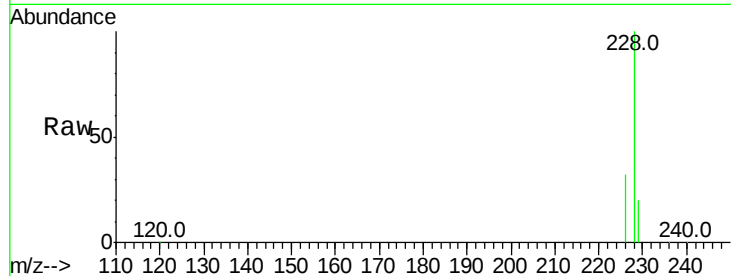
#20
Benzo(a)anthracene
Concen: 61.81 ng/ul
RT: 21.29 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tot Ion:228 Resp: 4679399
Ion Ratio Lower Upper
228 100
226 31.9 18.8 28.2#
229 20.5 17.1 25.7

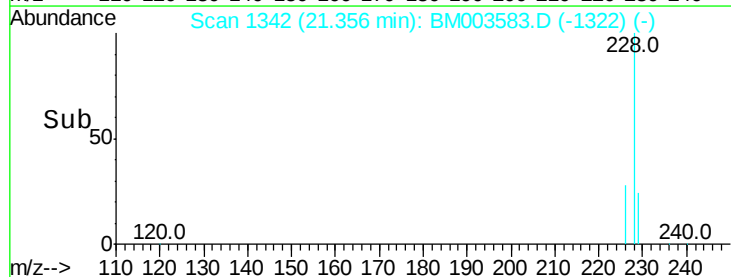
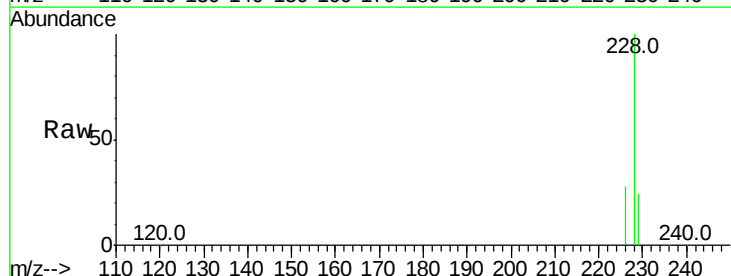
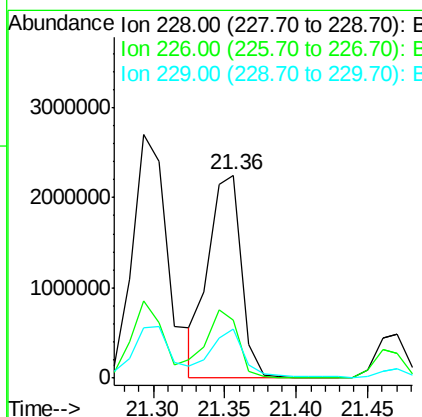
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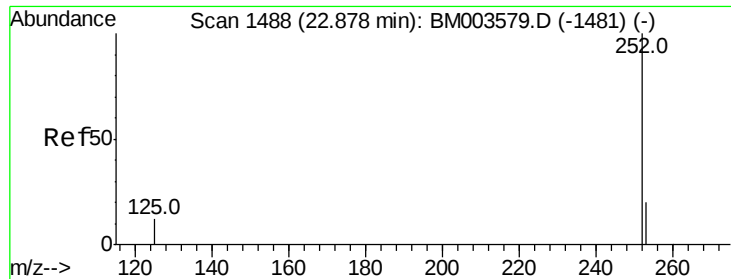
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#21
Chrysene
Concen: 41.30 ng/ul
RT: 21.36 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion:228 Resp: 3582179
Ion Ratio Lower Upper
228 100
226 28.4 21.2 31.8
229 24.2 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 21.83 ng/ul m

RT: 22.89 min Scan# 1489

Delta R.T. 0.01 min

Lab File: BM003583.D

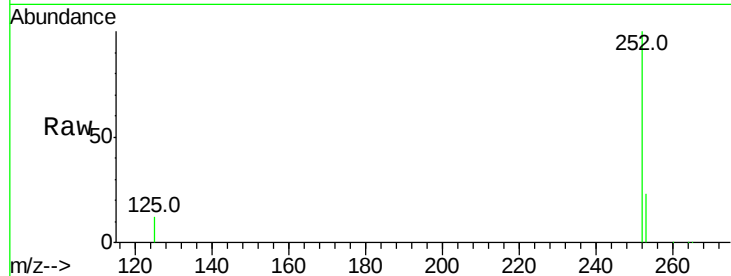
Acq: 16 Dec 2015 18:30

Instrument :

BNA_M

ClientSampleId :

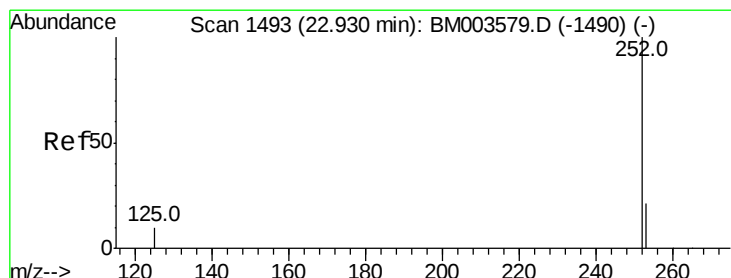
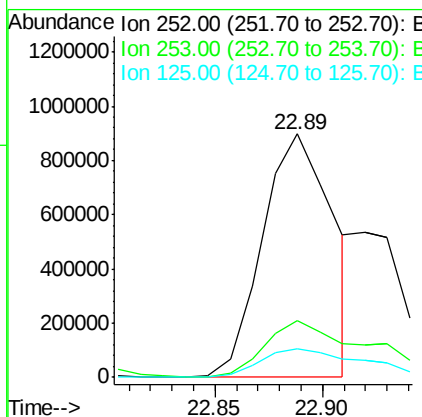
D9N29



Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	45.4
125	11.9	0.0	28.8

Manual Integrations
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#24

Benzo(k)fluoranthene

Concen: 9.68 ng/ul m

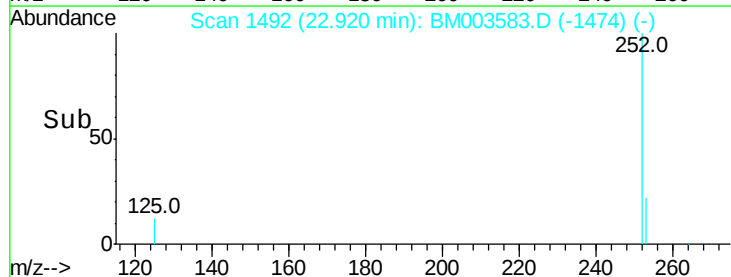
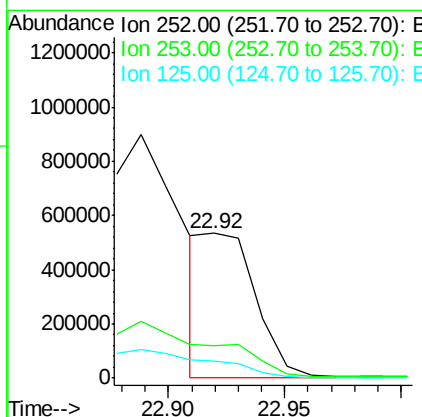
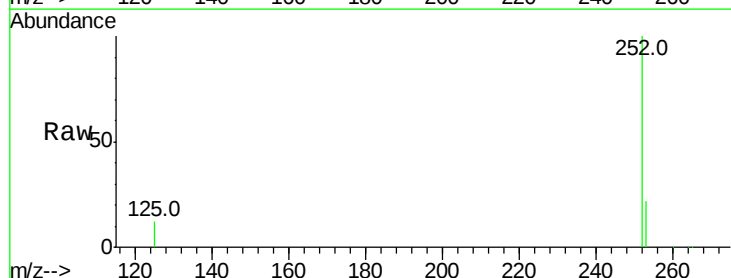
RT: 22.92 min Scan# 1492

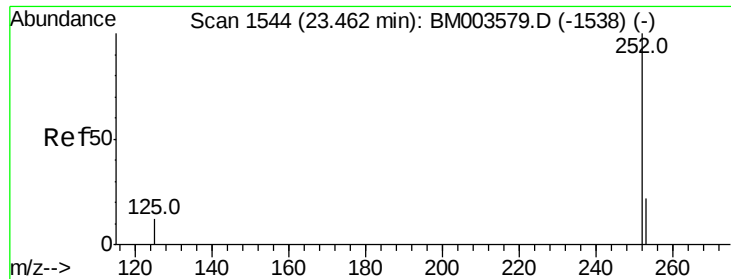
Delta R.T. -0.01 min

Lab File: BM003583.D

Acq: 16 Dec 2015 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.8	29.8
125	12.1	10.4	15.6





#25

Benzo(a)pyrene

Concen: 15.25 ng/ul m

RT: 23.46 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BM003583.D

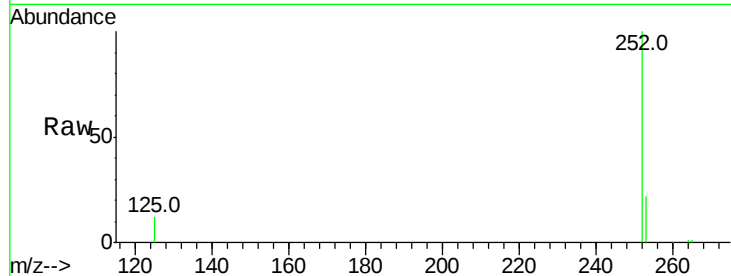
Acq: 16 Dec 2015 18:30

Instrument :

BNA_M

ClientSampleId :

D9N29



Tot Ion:252 Resp: 1214283

Ion Ratio Lower Upper

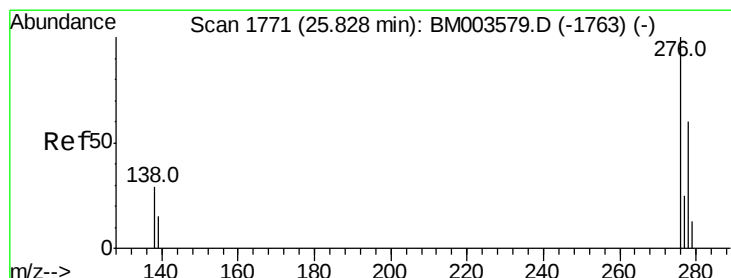
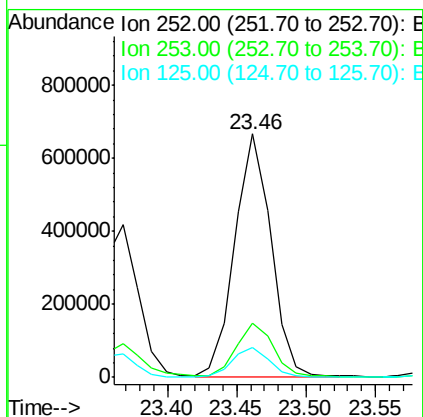
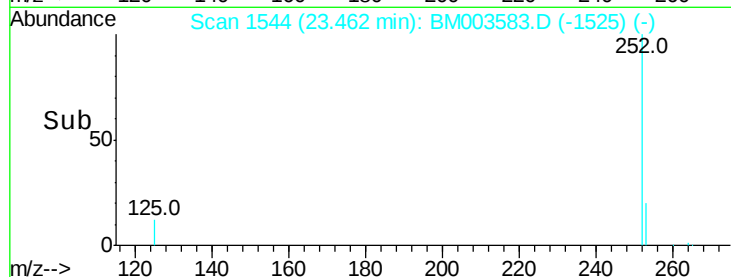
252 100

253 22.2 19.4 29.2

125 12.4 12.7 19.1#

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:36:05 PM



#26

Indeno(1,2,3-cd)pyrene

Concen: 3.69 ng/ul m

RT: 25.83 min Scan# 1771

Delta R.T. -0.00 min

Lab File: BM003583.D

Acq: 16 Dec 2015 18:30

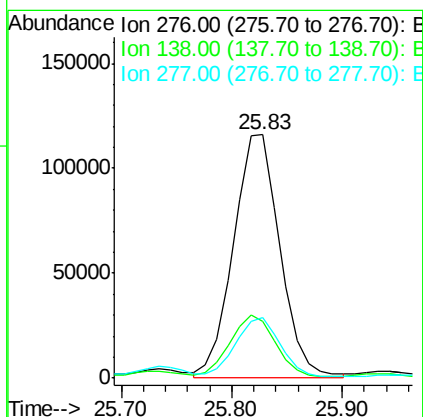
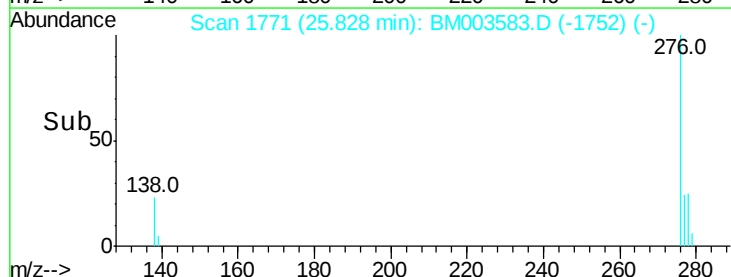
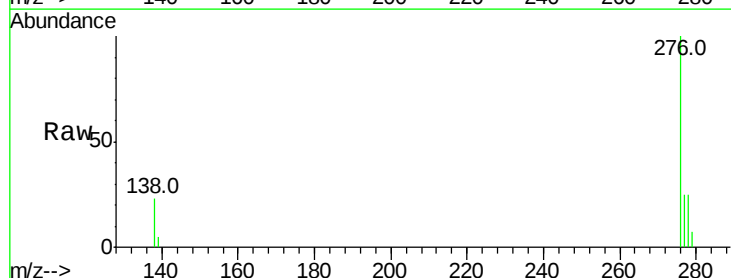
Tgt Ion:276 Resp: 340524

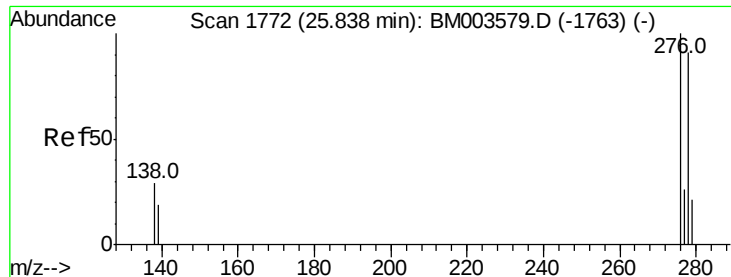
Ion Ratio Lower Upper

276 100

138 0.8 16.3 24.5#

277 1.3 19.8 29.8#





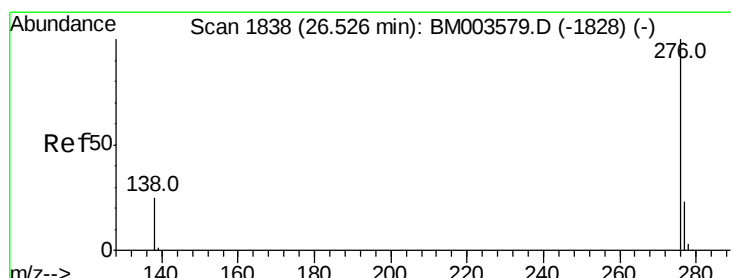
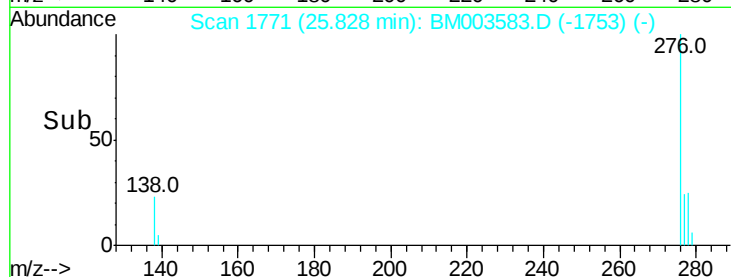
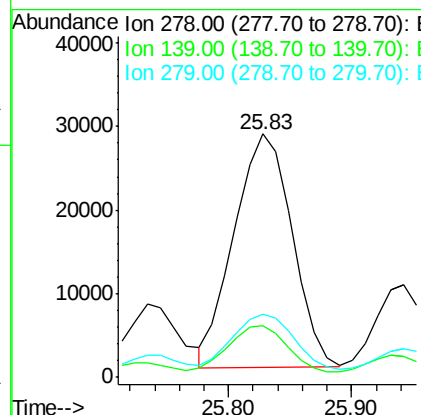
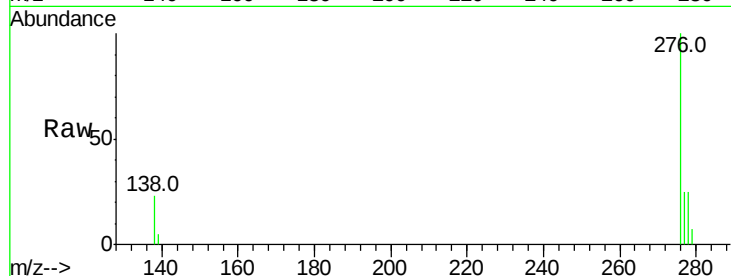
#27
Dibenzo(a,h)anthracene
Concen: 1.24 ng/ul m
RT: 25.83 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Instrument :
BNA_M
ClientSampleId :
D9N29

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.4	16.4	24.6
279	25.9	20.2	30.2

Manual Integrations
APPROVED

MMdadoda
12/17/2015 5:36:05 PM



#28
Benzo(g,h,i)perylene
Concen: 3.24 ng/ul m
RT: 26.52 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM003583.D
Acq: 16 Dec 2015 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	25.9	22.5	33.7

