

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003234.D
 Acq On : 20 Nov 2015 22:56
 Operator : UM/IZ
 Sample : G4322-07RX
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR8RX

Manual Integrations
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 11/23/2015 6:59:03 PM

Quant Time: Nov 21 05:26:08 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 04:24:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	14685	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	56112	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	27614	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	56588	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	55663	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	58378	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	48657	3.10	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	9339	0.12	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	14518	0.10	ng/ul	0.00
Target Compounds						
					Ovalue	
5) Naphthalene	10.57	128	85238	0.59	ng/ul	97
7) 2-Methylnaphthalene	12.19	142	13935	0.15	ng/ul#	100
9) Acenaphthylene	14.09	152	112421	0.98	ng/ul	99
10) Acenaphthene	14.43	153	11843	0.12	ng/ul#	75
11) Fluorene	15.44	166	73315m	0.70	ng/ul	
13) Pentachlorophenol	16.78	266	1106	0.08	ng/ul	95
14) Phenanthrene	17.17	178	1833541	11.17	ng/ul	100
15) Anthracene	17.26	178	443181	3.22	ng/ul	99
17) Fluoranthene	19.19	202	2581283	14.18	ng/ul	98
19) Pyrene	19.55	202	2179269	11.42	ng/ul	99
20) Benzo(a)anthracene	21.31	228	1084077m	6.72	ng/ul	
21) Chrysene	21.36	228	867590	4.77	ng/ul	96
23) Benzo(b)fluoranthene	22.91	252	1194644m	5.38	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	275355m	1.31	ng/ul	
25) Benzo(a)pyrene	23.48	252	803652	4.07	ng/ul	96
26) Indeno(1,2,3-cd)pyrene	25.87	276	513456	2.18	ng/ul#	95
27) Dibenzo(a,h)anthracene	25.87	278	121119	0.64	ng/ul#	93
28) Benzo(a,h,i)perylene	26.57	276	411478	1.99	ng/ul	97

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

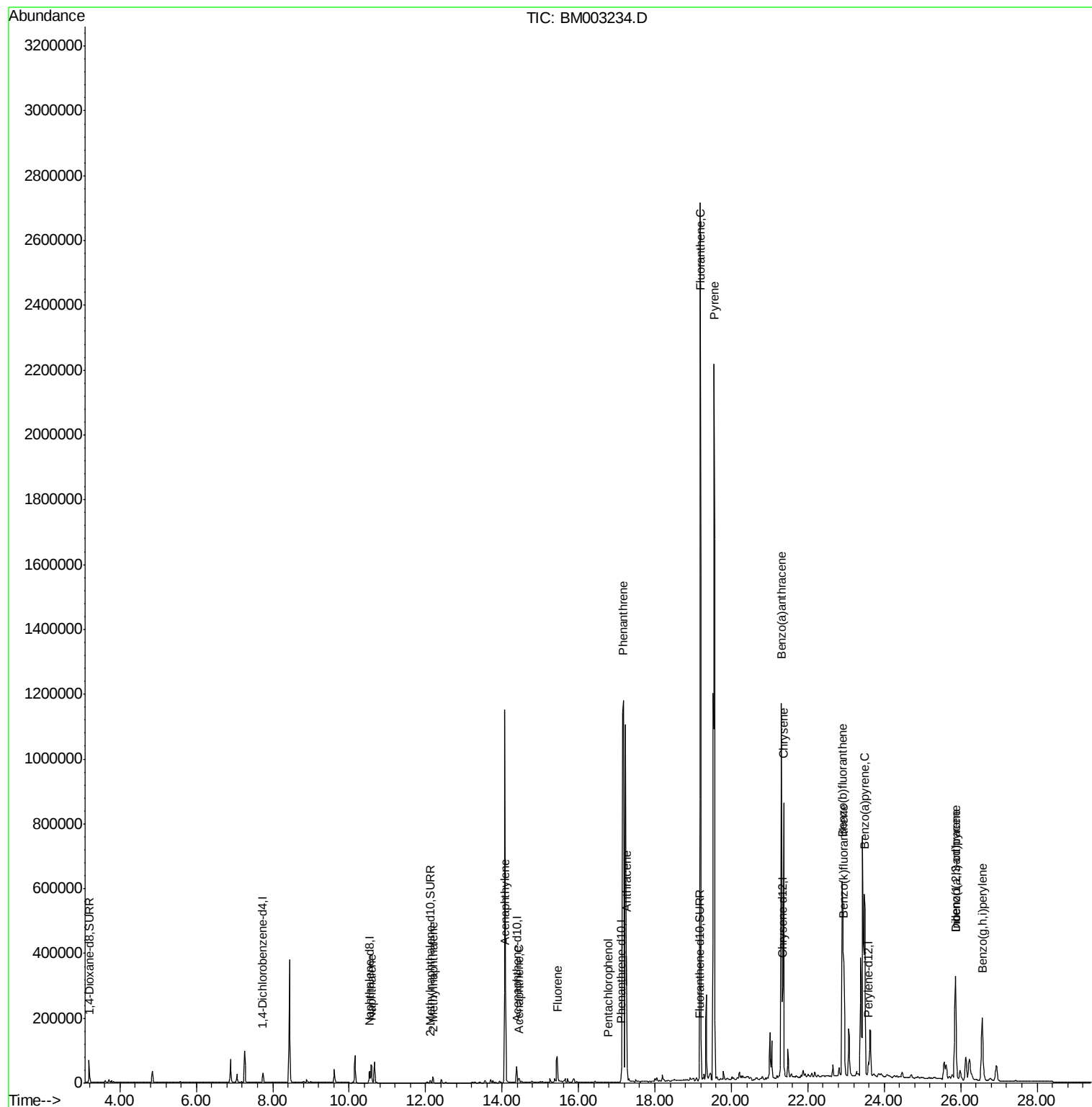
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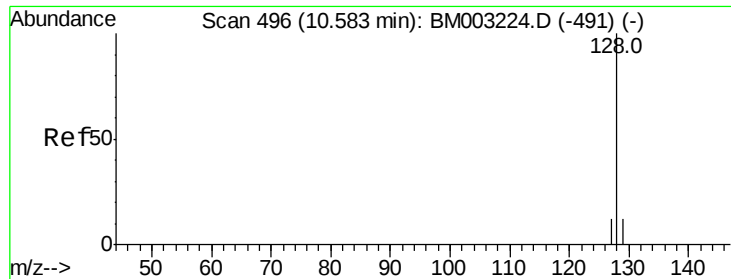
Instrument :
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QLast Update : Sat Nov 21 04:24:04 2015
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#5

Naphthalene

Concen: 0.59 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.01 min

Lab File: BM003234.D

Acq: 20 Nov 2015 22:56

Instrument :

BNA_M

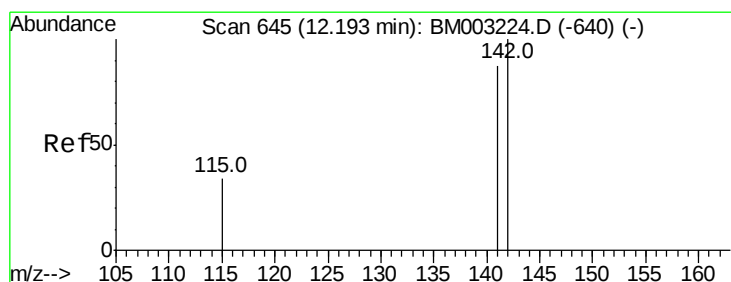
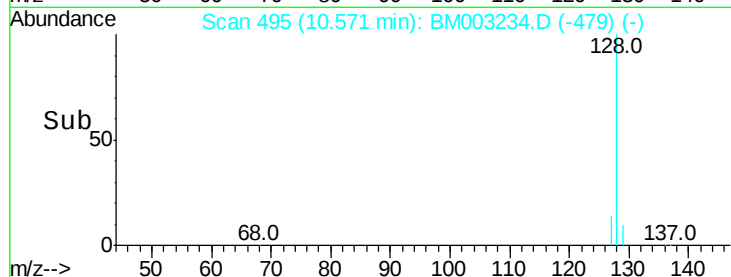
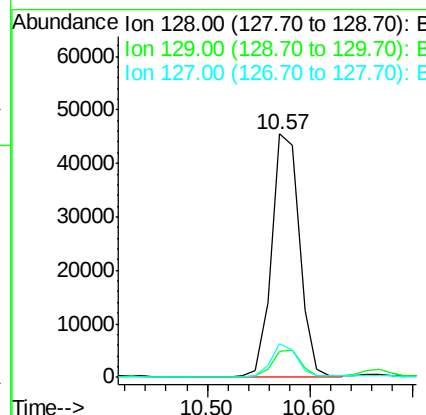
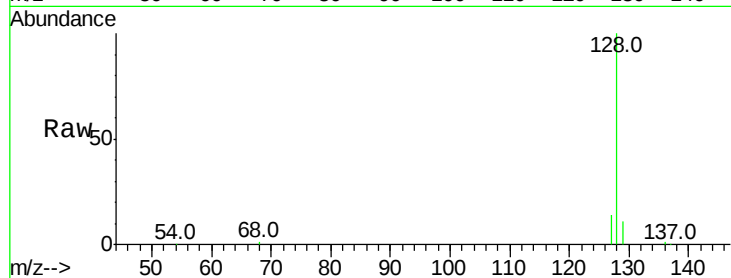
ClientSampleId :

A4HR8RX

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Tot Ion:	128	Resp:	85238
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.0	13.6
127	13.8	9.6	14.4



#7

2-Methylnaphthalene

Concen: 0.15 ng/ul

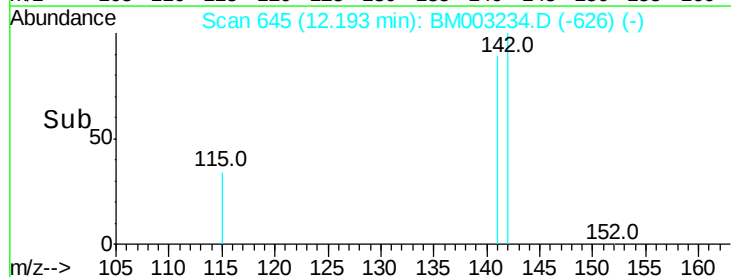
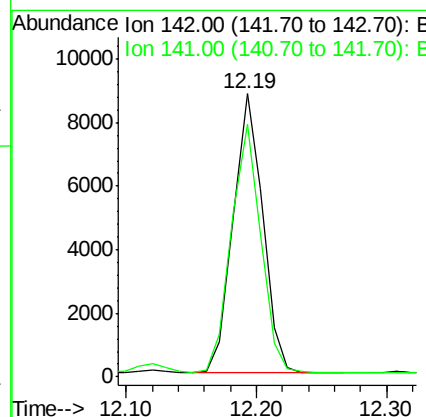
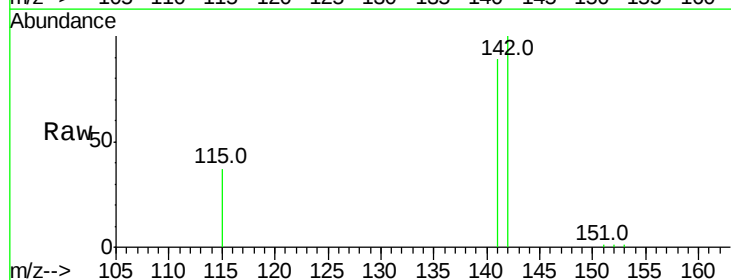
RT: 12.19 min Scan# 645

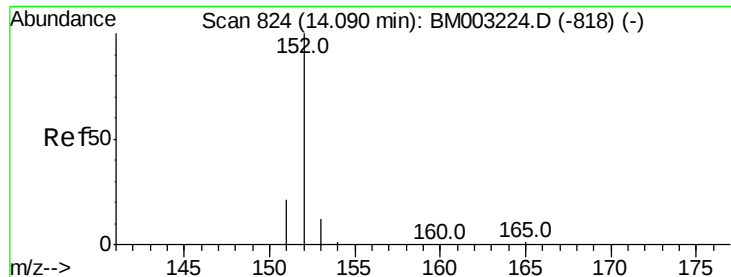
Delta R.T. -0.00 min

Lab File: BM003234.D

Acq: 20 Nov 2015 22:56

Tgt Ion:	142	Resp:	13935
Ion Ratio	Lower	Upper	
142	100		
141	88.7	0.0	0.0#





#9

Acenaphthylene

Concen: 0.98 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003234.D

Acq: 20 Nov 2015 22:56

Instrument :

BNA_M

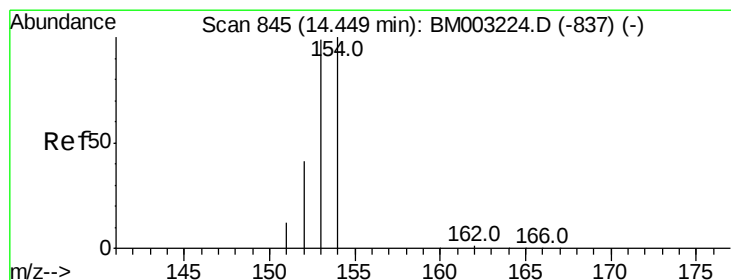
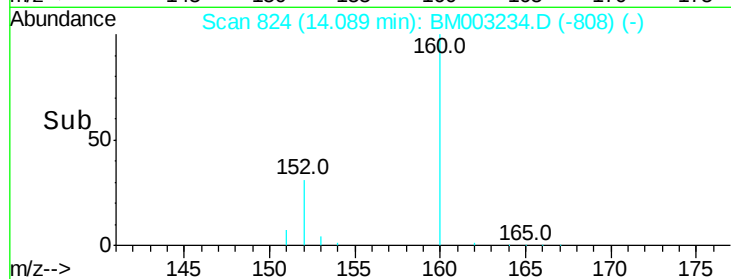
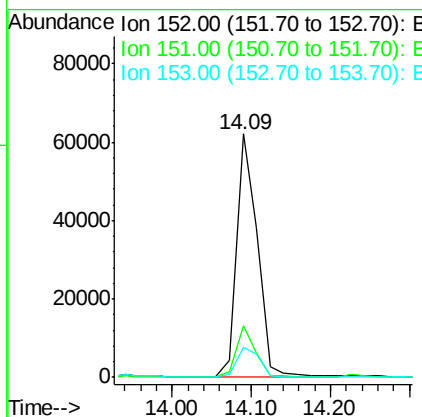
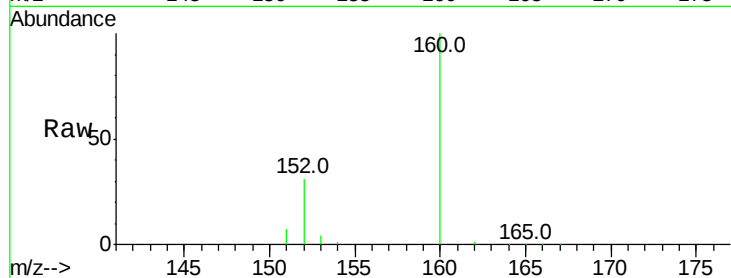
ClientSampleId :

A4HR8RX

Tot Ion:	152	Resp:	112421
Ion Ratio	Lower	Upper	
152	100		
151	21.4	17.6	26.4
153	12.4	9.7	14.5

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#10

Acenaphthene

Concen: 0.12 ng/ul

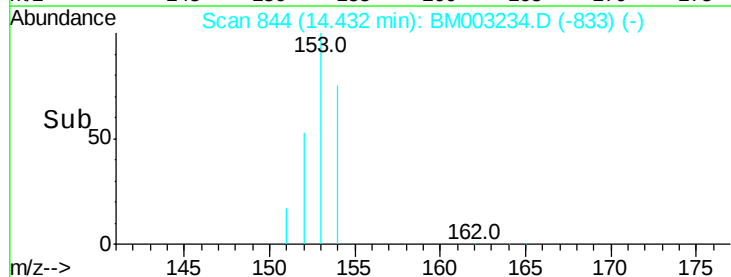
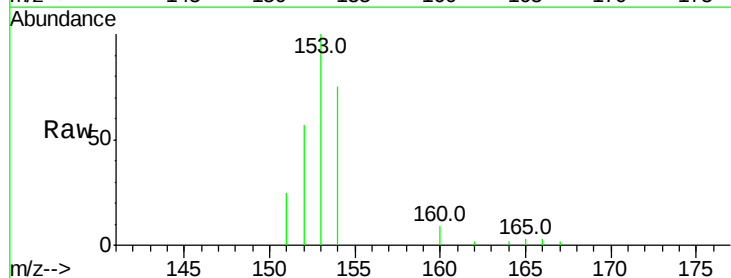
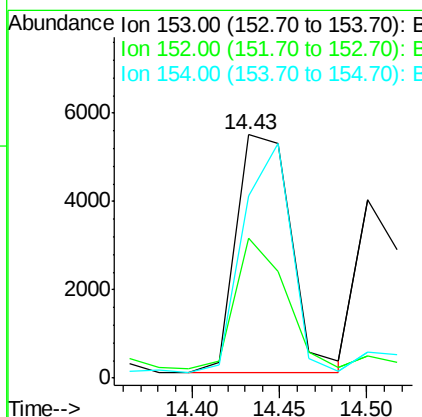
RT: 14.43 min Scan# 844

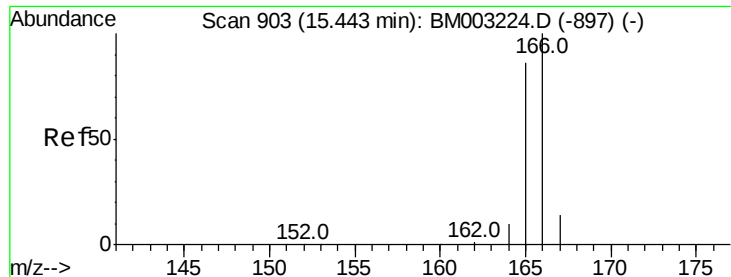
Delta R.T. -0.02 min

Lab File: BM003234.D

Acq: 20 Nov 2015 22:56

Tgt Ion:	153	Resp:	11843
Ion Ratio	Lower	Upper	
153	100		
152	57.4	33.9	50.9#
154	74.6	80.6	121.0#





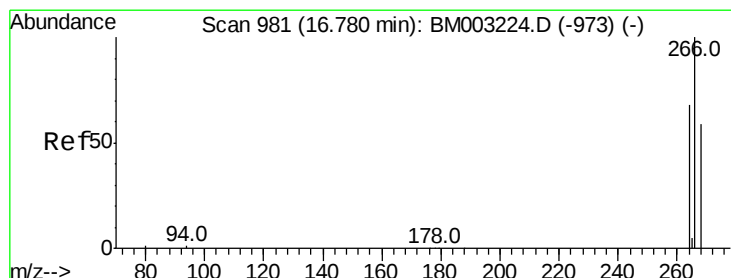
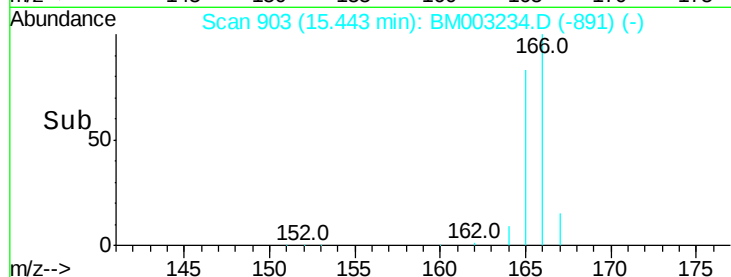
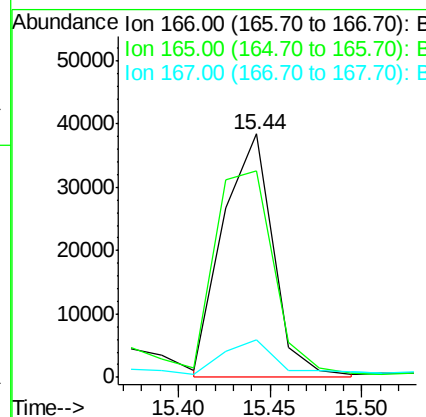
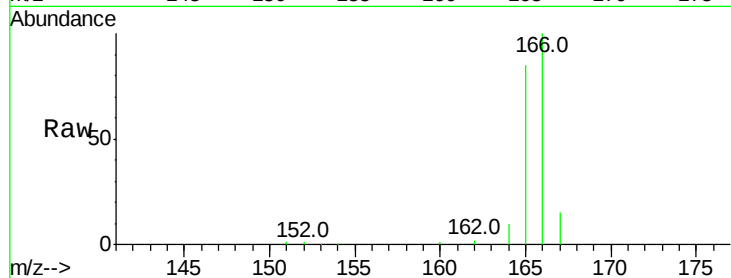
#11
Fluorene
Concen: 0.70 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Instrument :
BNA_M
ClientSampleId :
A4HR8RX

Tot Ion	Ratio	Lower	Upper
166	100		
165	84.9	69.6	104.4
167	15.4	11.9	17.9

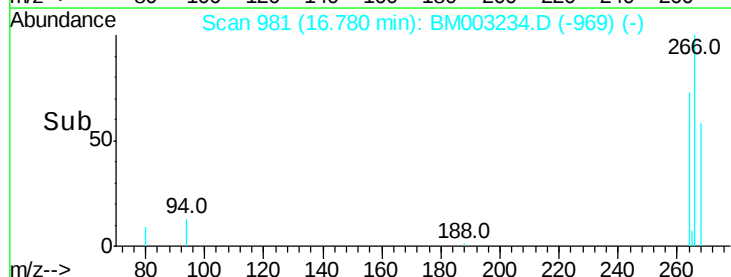
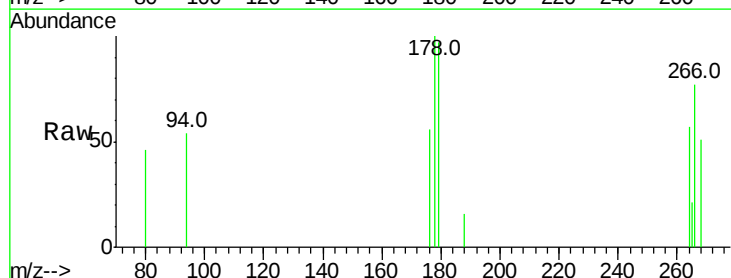
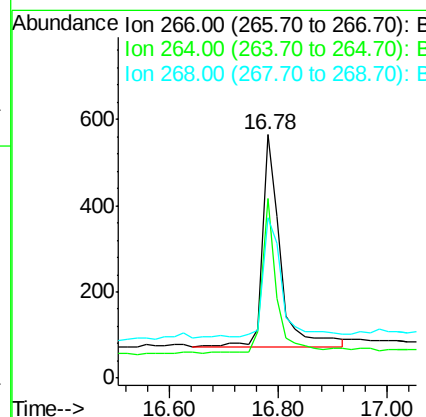
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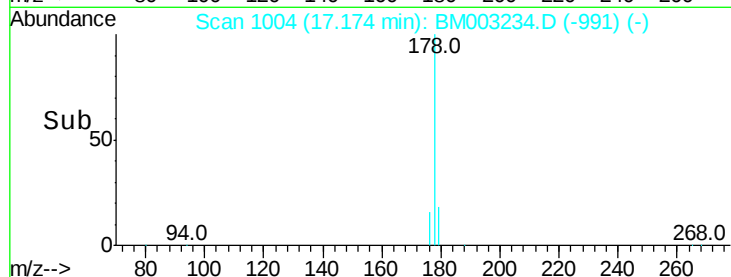
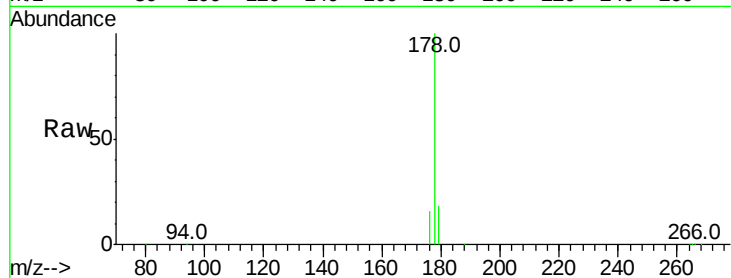
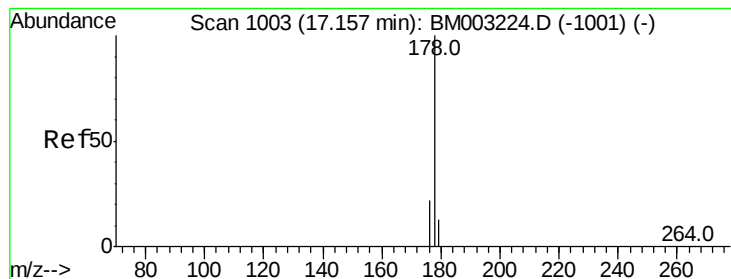
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#13
Pentachlorophenol
Concen: 0.08 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Tgt Ion	Ratio	Lower	Upper
266	100		
264	58.2	51.8	77.8
268	60.1	46.8	70.2





#14

Phenanthrene

Concen: 11.17 ng/ul

RT: 17.17 min Scan# 1004

Delta R.T. 0.02 min

Lab File: BM003234.D

Acq: 20 Nov 2015 22:56

Tot Ion:178 Resp: 1833541

Ion Ratio Lower Upper

178 100

176 16.2 13.0 19.4

179 17.6 14.2 21.2

Instrument :

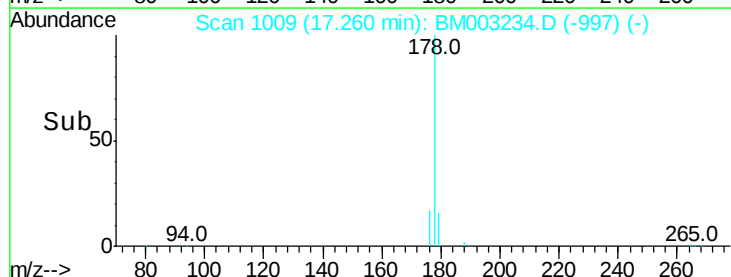
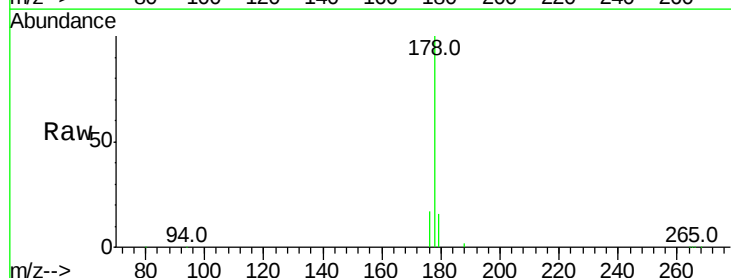
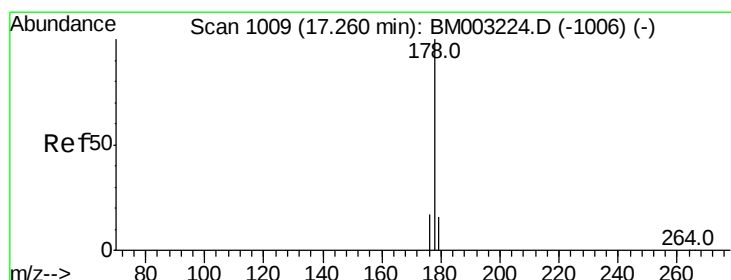
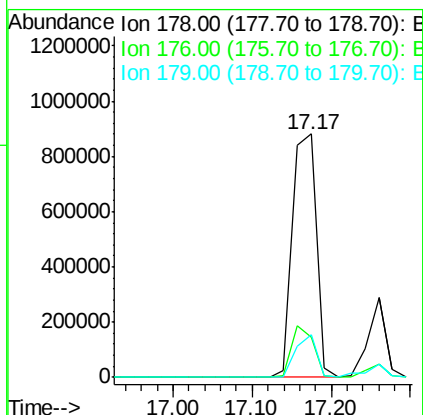
BNA_M

ClientSampleId :

A4HR8RX

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#15

Anthracene

Concen: 3.22 ng/ul

RT: 17.26 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BM003234.D

Acq: 20 Nov 2015 22:56

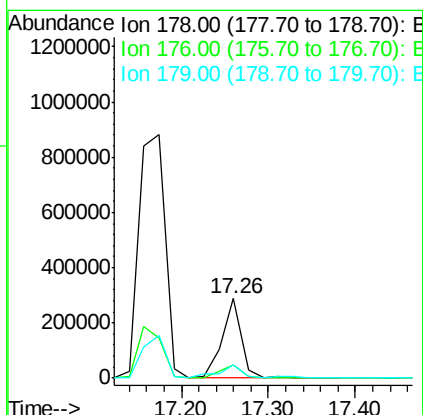
Tgt Ion:178 Resp: 443181

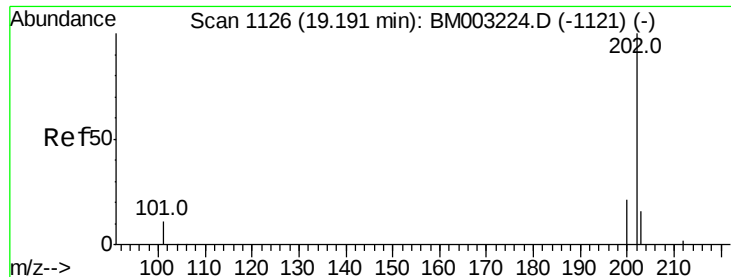
Ion Ratio Lower Upper

178 100

176 17.0 14.0 21.0

179 16.0 12.9 19.3





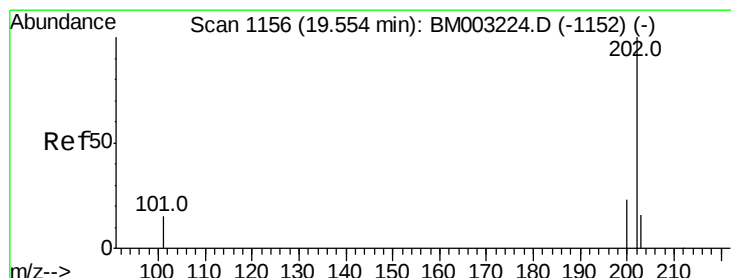
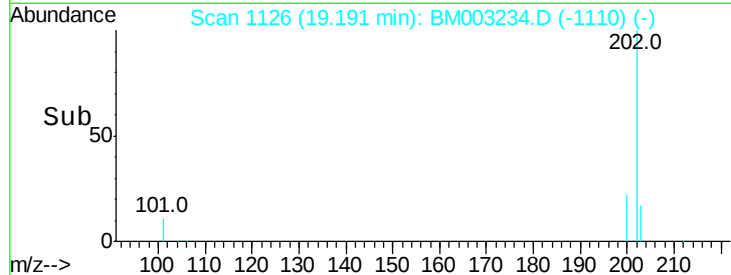
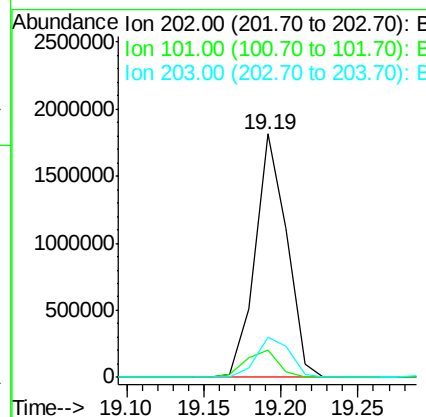
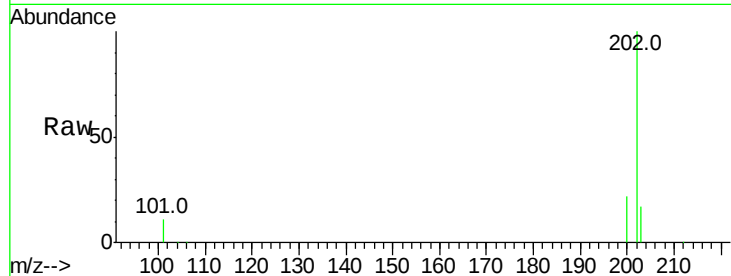
#17
Fluoranthene
 Concen: 14.18 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003234.D
 Acq: 20 Nov 2015 22:56

Instrument :
 BNA_M
 ClientSampleId :
 A4HR8RX

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	29.6
203	16.6	0.0	36.3

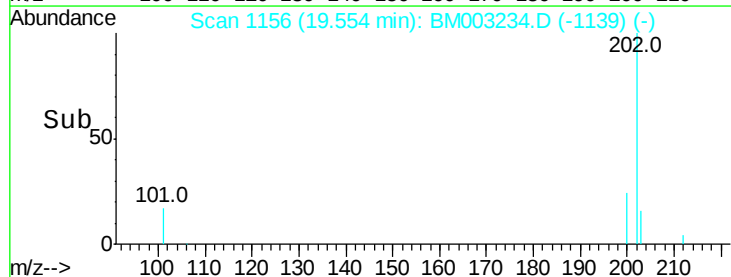
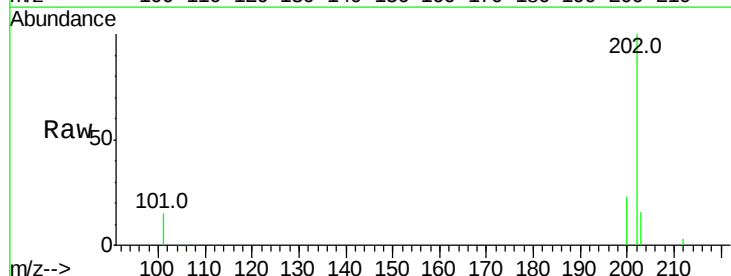
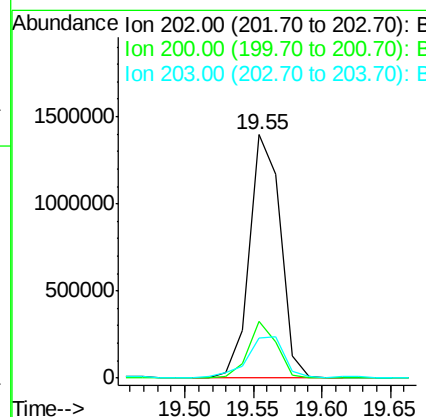
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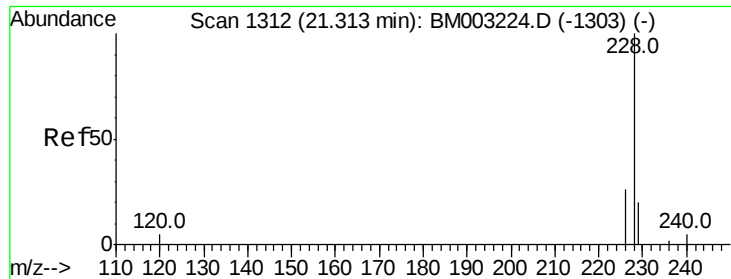
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#19
Pyrene
 Concen: 11.42 ng/ul
 RT: 19.55 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM003234.D
 Acq: 20 Nov 2015 22:56

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.8	26.8
203	16.4	12.8	19.2





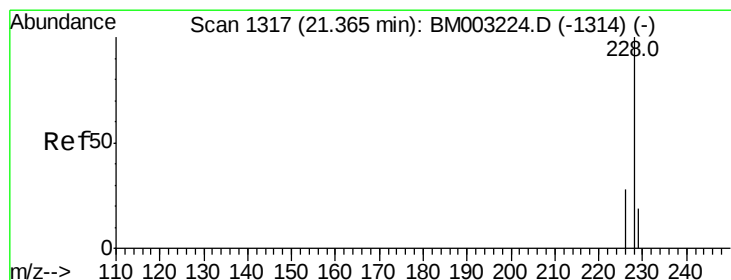
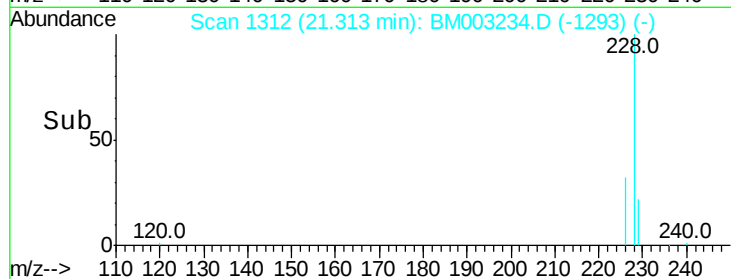
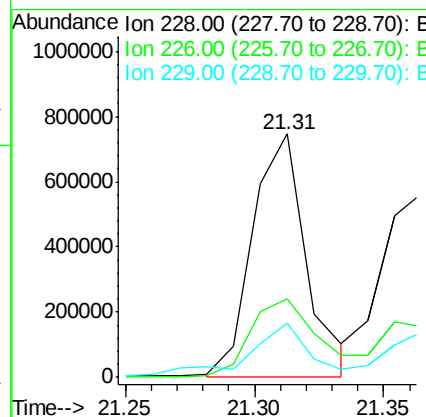
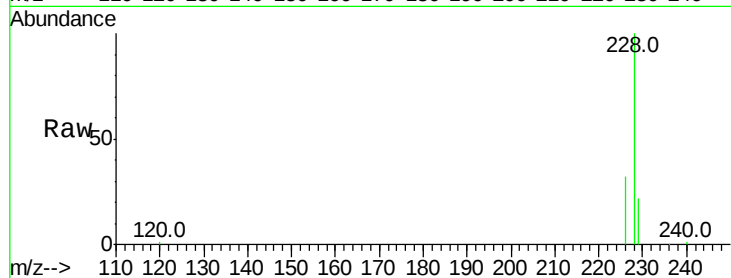
#20
Benzo(a)anthracene
Concen: 6.72 ng/ul m
RT: 21.31 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Instrument :
BNA_M
ClientSampleId :
A4HR8RX

Tot Ion:228 Resp: 1084077
Ion Ratio Lower Upper
228 100
226 32.3 18.8 28.2#
229 22.2 17.1 25.7

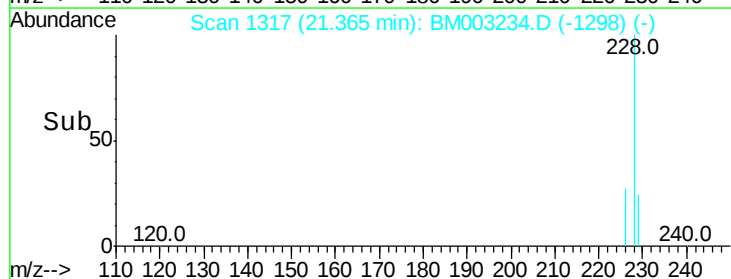
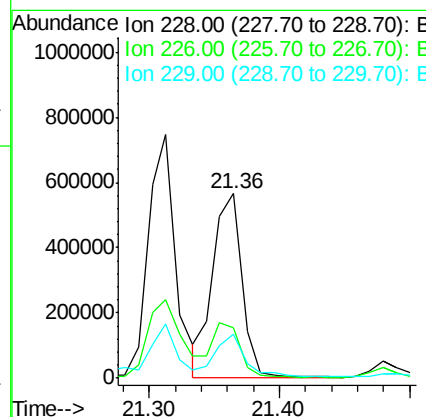
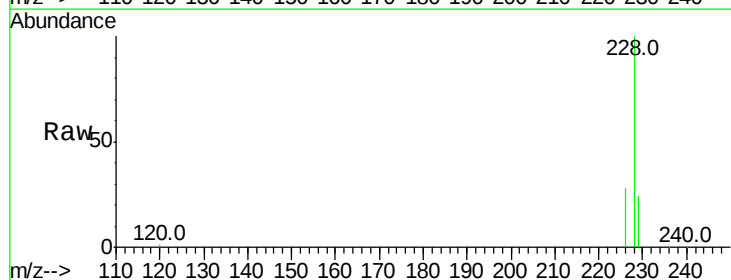
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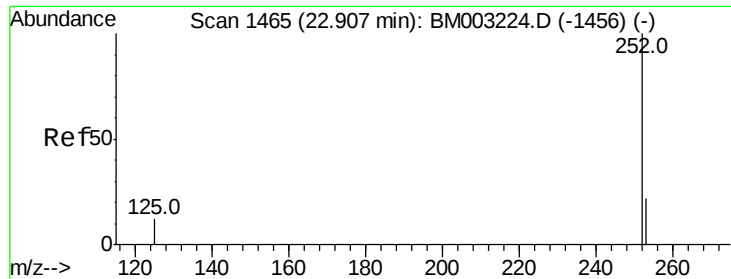
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#21
Chrysene
Concen: 4.77 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Tgt Ion:228 Resp: 867590
Ion Ratio Lower Upper
228 100
226 27.6 21.2 31.8
229 24.1 17.0 25.6





#23

Benzo(b)fluoranthene

Concen: 5.38 ng/ul m

RT: 22.91 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM003234.D

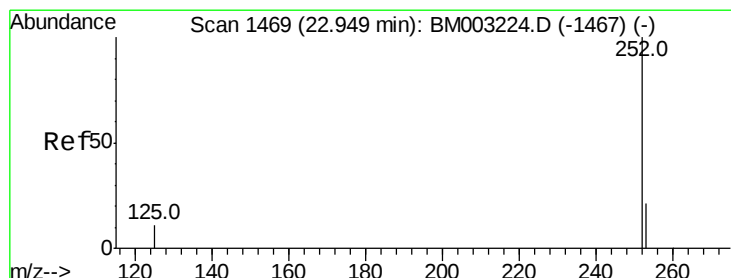
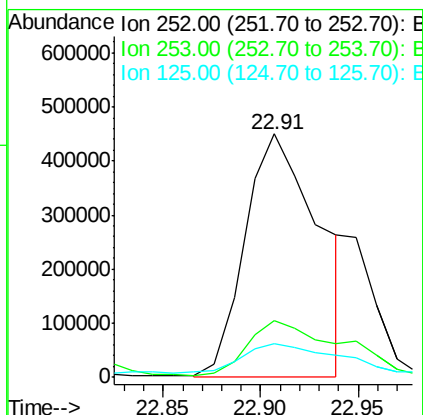
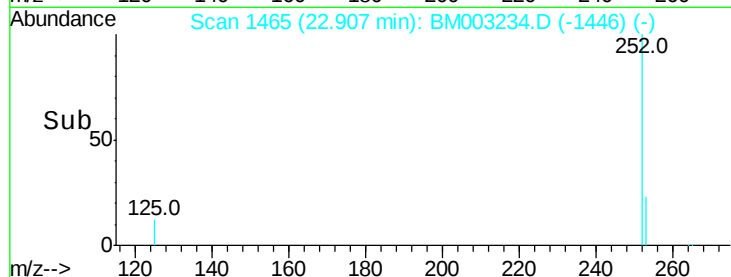
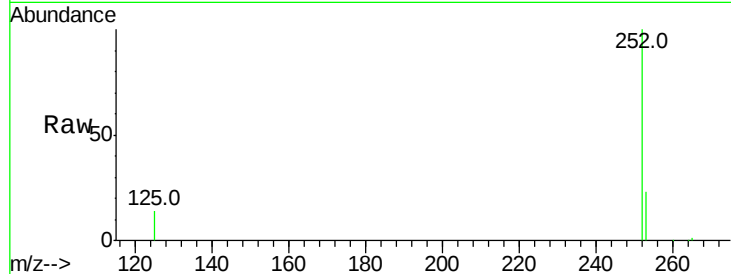
Acq: 20 Nov 2015 22:56

Instrument :
BNA_M
ClientSampleId :
A4HR8RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	45.4
125	13.6	0.0	28.8

Manual Integrations
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#24

Benzo(k)fluoranthene

Concen: 1.31 ng/ul m

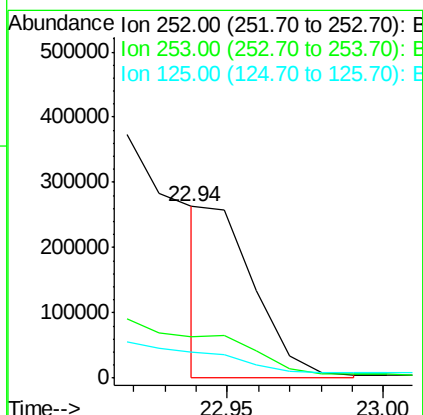
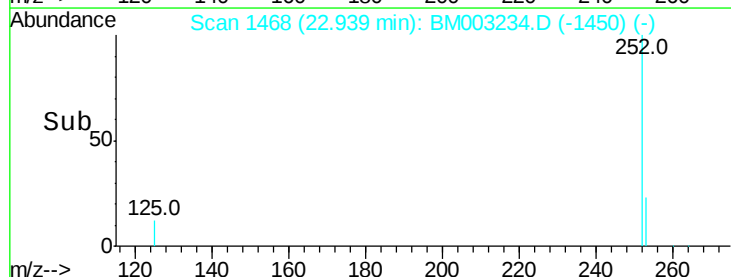
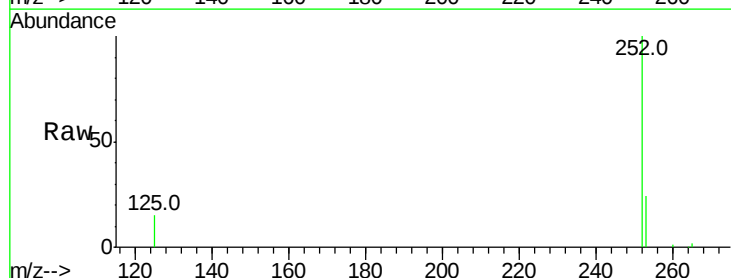
RT: 22.94 min Scan# 1468

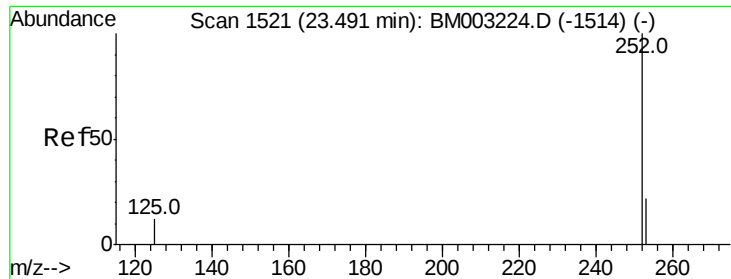
Delta R.T. -0.01 min

Lab File: BM003234.D

Acq: 20 Nov 2015 22:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.8	29.8
125	15.4	10.4	15.6





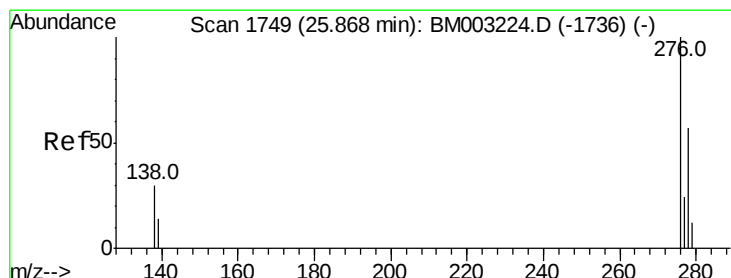
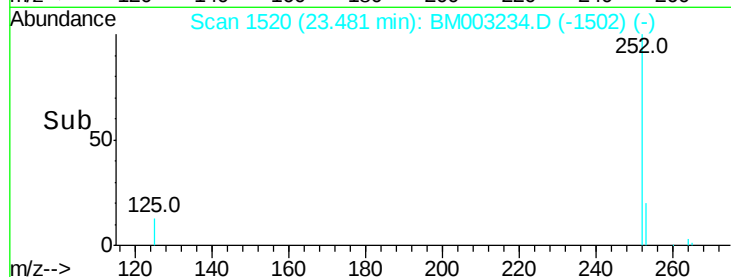
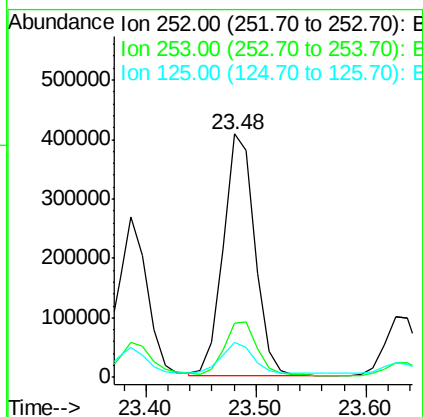
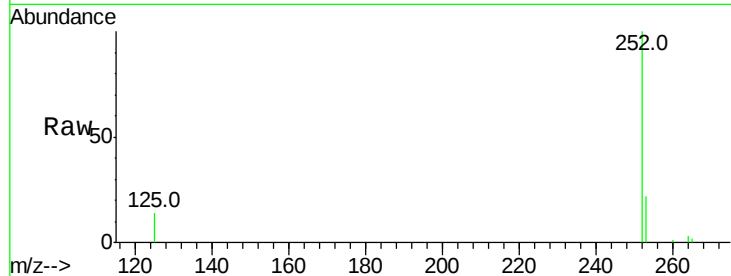
#25
Benzo(a)pyrene
Concen: 4.07 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Instrument :
BNA_M
ClientSampleId :
A4HR8RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.4	29.2
125	14.4	12.7	19.1

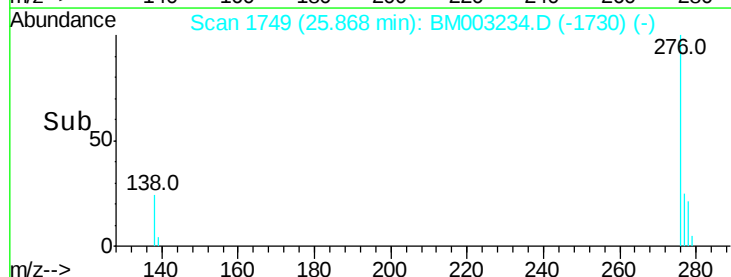
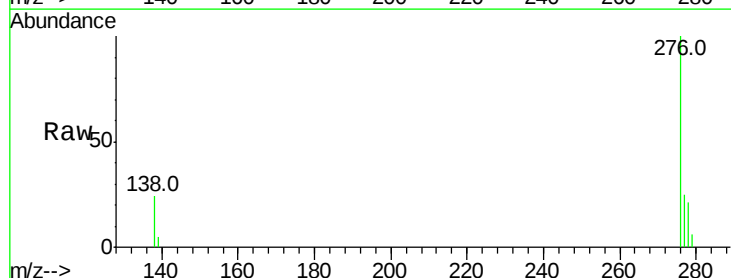
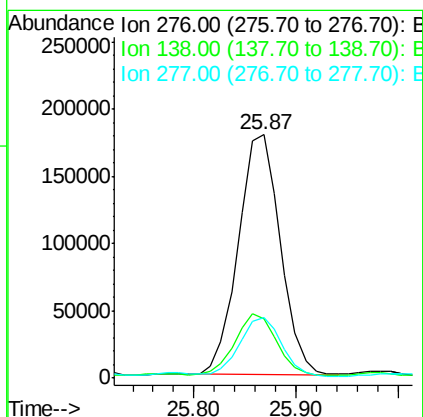
Manual Integrations
APPROVED

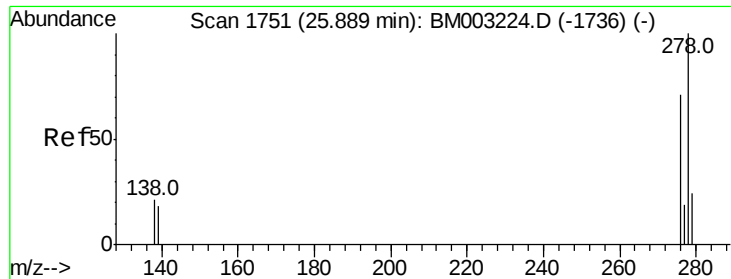
Mmdadoda
11/23/2015 6:59:03 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.2	16.3	24.5#
277	24.5	19.8	29.8





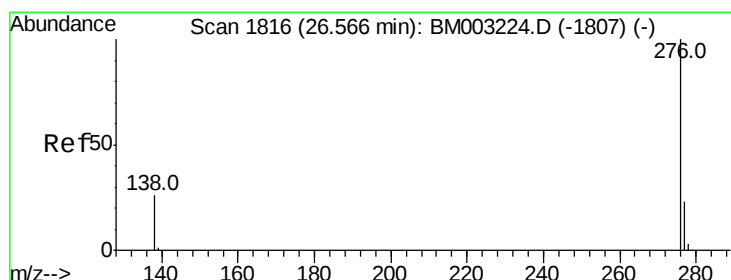
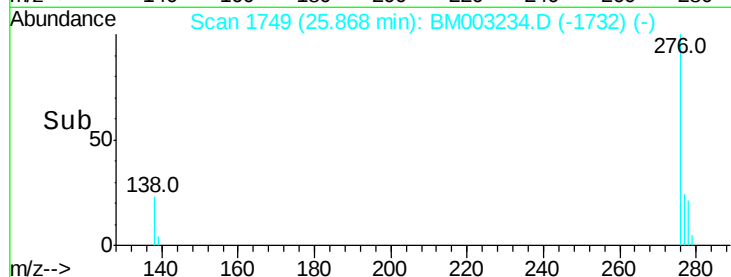
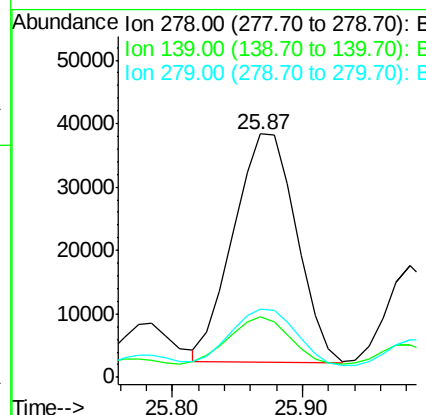
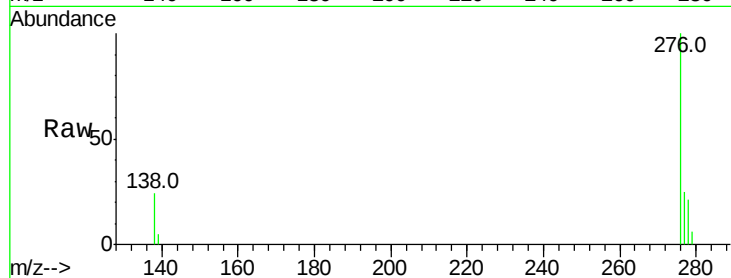
#27
Dibenzo(a,h)anthracene
Concen: 0.64 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Instrument :
BNA_M
ClientSampleId :
A4HR8RX

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.8	16.4	24.6#
279	28.1	20.2	30.2

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:59:03 PM



#28
Benzo(g,h,i)perylene
Concen: 1.99 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BM003234.D
Acq: 20 Nov 2015 22:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	25.7	22.5	33.7

