

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003231.D
 Acq On : 20 Nov 2015 21:08
 Operator : UM/IZ
 Sample : G4322-06DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Manual Integrations
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 11/23/2015 6:58:55 PM

Quant Time: Nov 21 05:00:19 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	14337	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	55815	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	27628	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	56681	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	55604	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	55169	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	8298	0.54	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	2003	0.03	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	4303	0.03	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.58	128	88763	0.62	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	9392	0.10	ng/ul#	100
9) Acenaphthylene	14.09	152	13438	0.12	ng/ul	97
10) Acenaphthene	14.45	153	2297	0.02	ng/ul#	87
11) Fluorene	15.44	166	4998m	0.05	ng/ul	
13) Pentachlorophenol	16.78	266	980	0.07	ng/ul	93
14) Phenanthrene	17.16	178	98830m	0.60	ng/ul	
15) Anthracene	17.26	178	22876	0.17	ng/ul	97
17) Fluoranthene	19.19	202	157029	0.86	ng/ul	97
19) Pyrene	19.55	202	143062	0.75	ng/ul	98
20) Benzo(a)anthracene	21.31	228	93604	0.58	ng/ul#	87
21) Chrysene	21.36	228	85078	0.47	ng/ul#	93
23) Benzo(b)fluoranthene	22.91	252	119756m	0.57	ng/ul	
24) Benzo(k)fluoranthene	22.95	252	30264m	0.15	ng/ul	
25) Benzo(a)pyrene	23.48	252	79343	0.43	ng/ul#	88
26) Indeno(1,2,3-cd)pyrene	25.87	276	56728	0.26	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.88	278	14793	0.08	ng/ul#	59
28) Benzo(a,h,i)perylene	26.57	276	54873	0.28	ng/ul	96

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

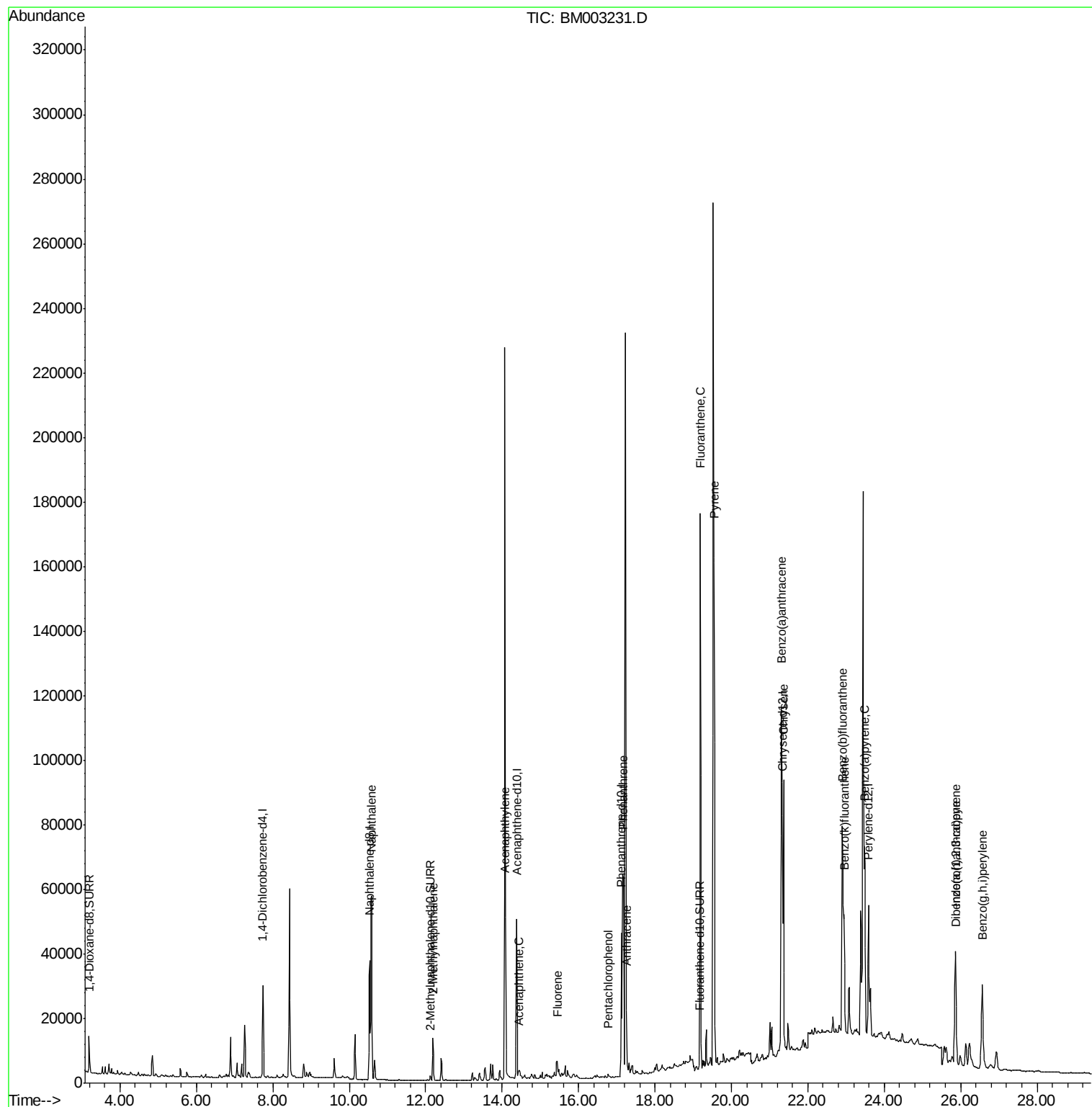
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
Data File : BM003231.D
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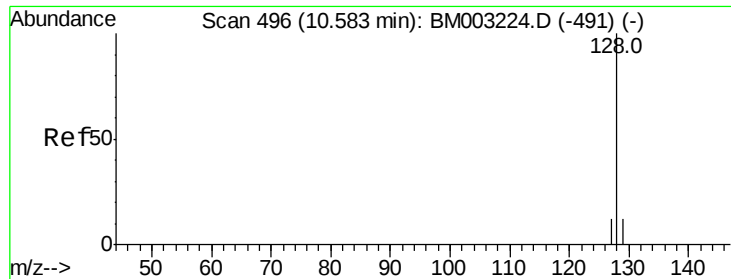
Instrument :
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A4HR7DL

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Quant Time: Nov 21 05:00:19 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM11815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 04:24:04 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.62 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. -0.00 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Instrument :

BNA_M

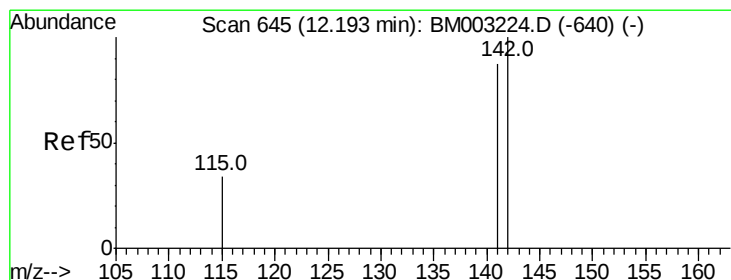
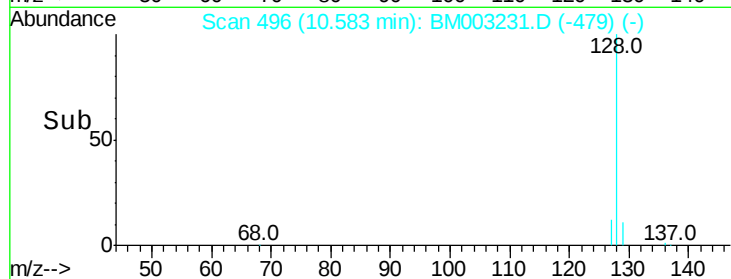
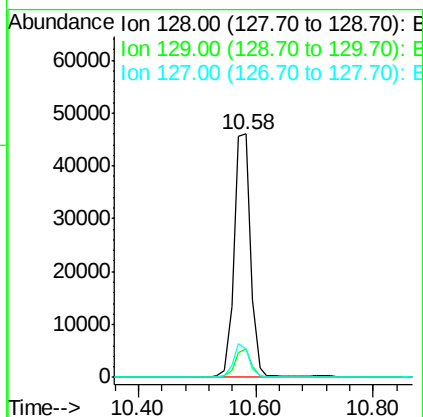
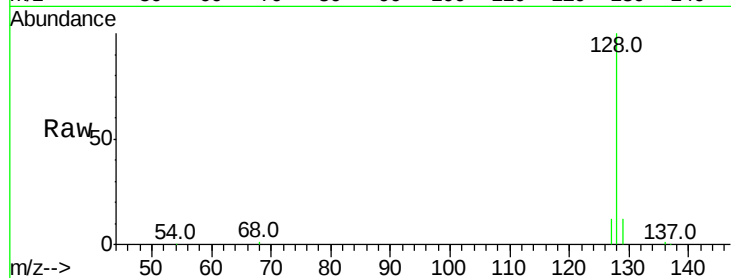
ClientSampleId :

A4HR7DL

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Tot Ion:128	Resp:	88763
Ion Ratio	Lower	Upper
128 100		
129 11.7	9.0	13.6
127 11.8	9.6	14.4



#7

2-Methylnaphthalene

Concen: 0.10 ng/ul

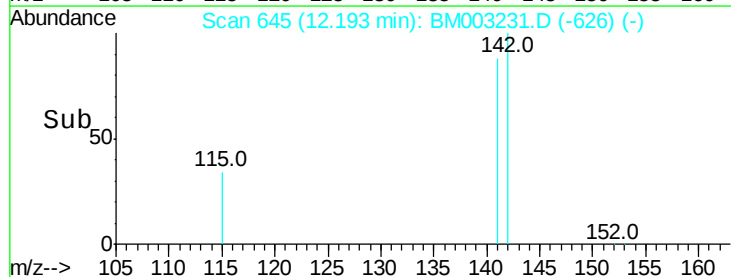
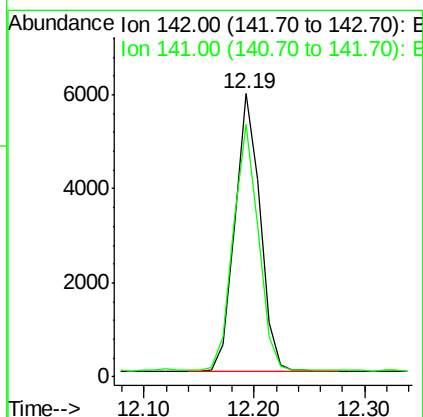
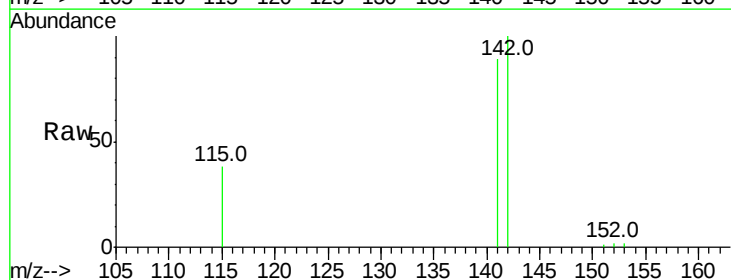
RT: 12.19 min Scan# 645

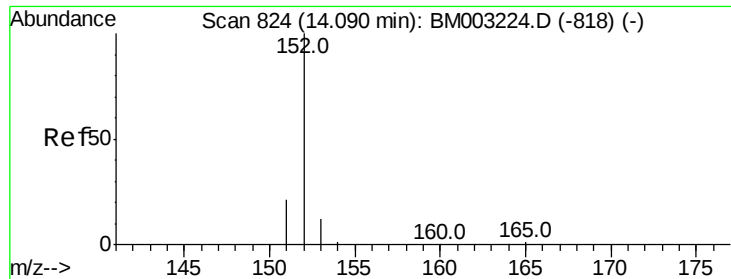
Delta R.T. -0.00 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Tgt Ion:142	Resp:	9392
Ion Ratio	Lower	Upper
142 100		
141 88.2	0.0	0.0#





#9

Acenaphthylene

Concen: 0.12 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Instrument :

BNA_M

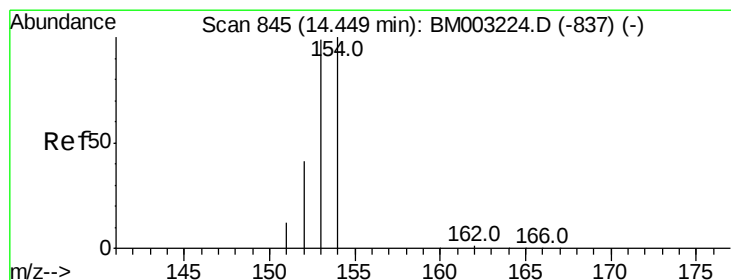
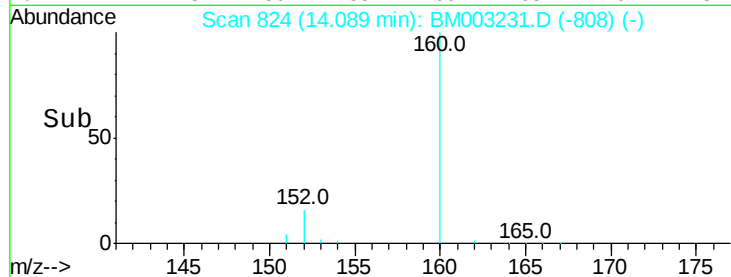
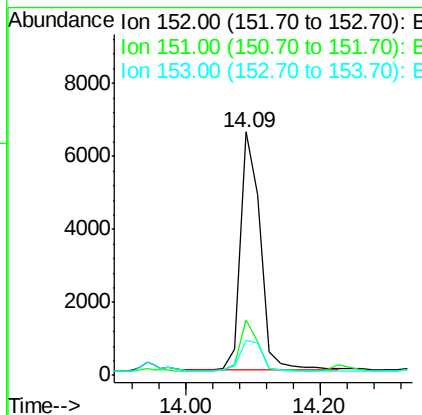
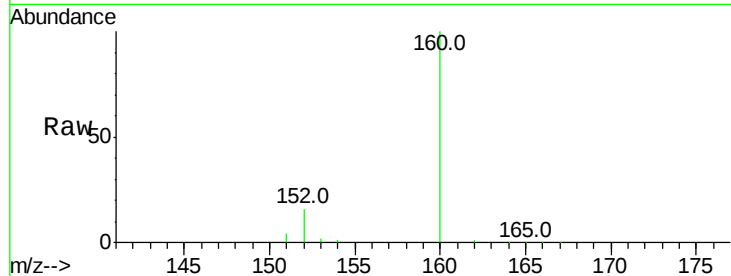
ClientSampleId :

A4HR7DL

Tot Ion:	152	Resp:	13438
Ion Ratio	Lower	Upper	
152	100		
151	23.0	17.6	26.4
153	14.2	9.7	14.5

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#10

Acenaphthene

Concen: 0.02 ng/ul

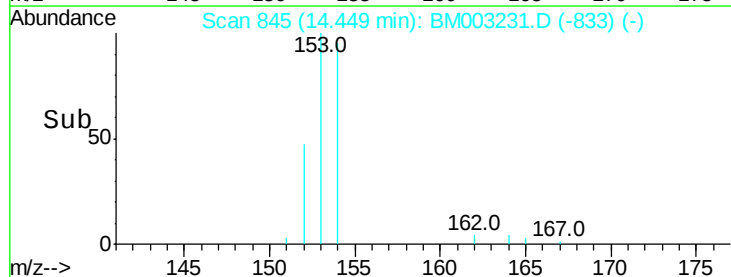
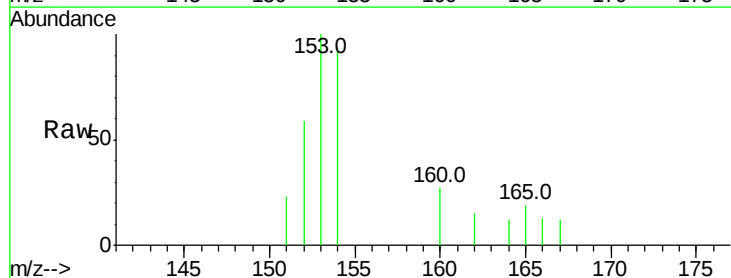
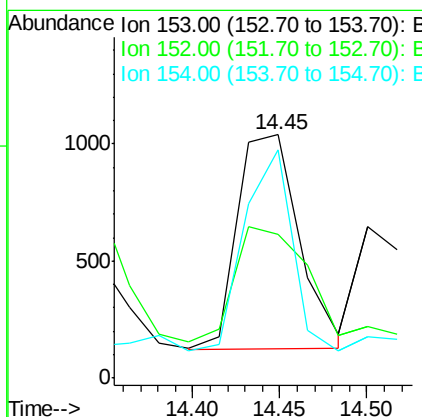
RT: 14.45 min Scan# 845

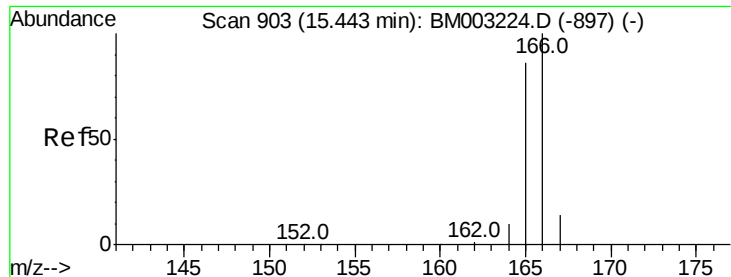
Delta R.T. -0.00 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Tgt Ion:	153	Resp:	2297
Ion Ratio	Lower	Upper	
153	100		
152	59.1	33.9	50.9#
154	93.6	80.6	121.0





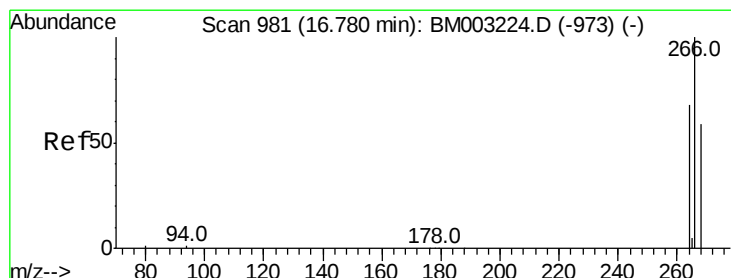
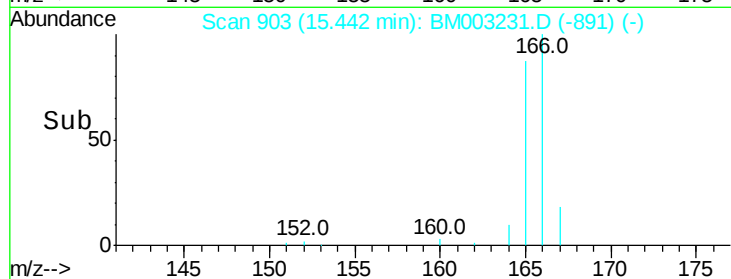
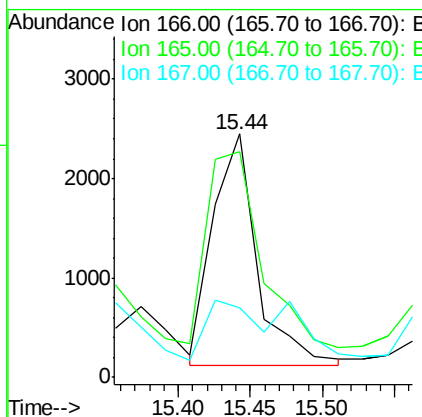
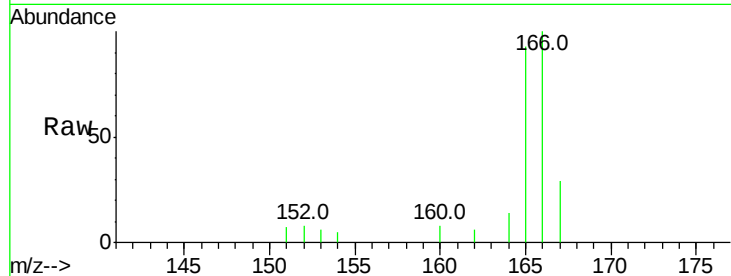
#11
Fluorene
Concen: 0.05 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Instrument :
BNA_M
ClientSampleId :
A4HR7DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	92.8	69.6	104.4
167	28.6	11.9	17.9

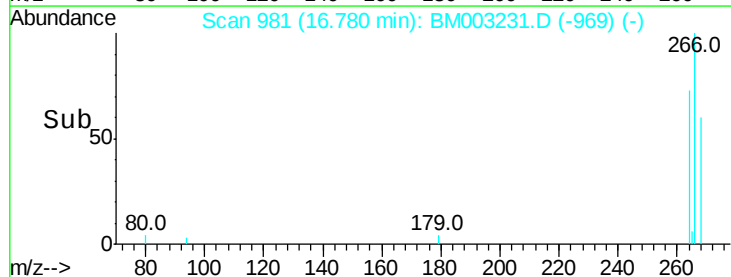
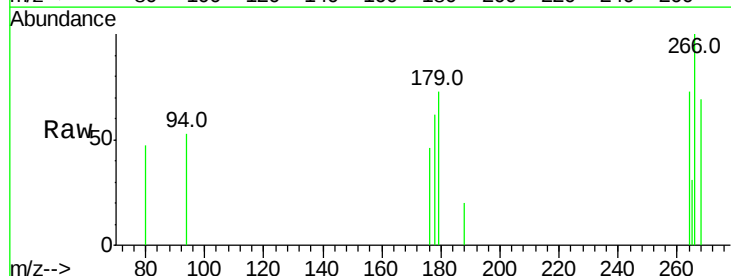
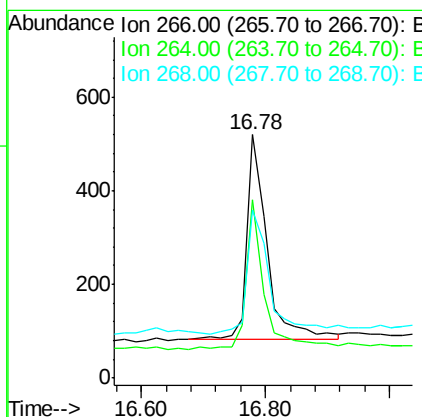
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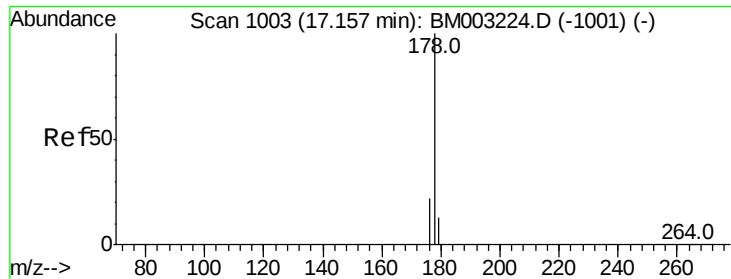
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#13
Pentachlorophenol
Concen: 0.07 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.5	51.8	77.8
268	68.6	46.8	70.2





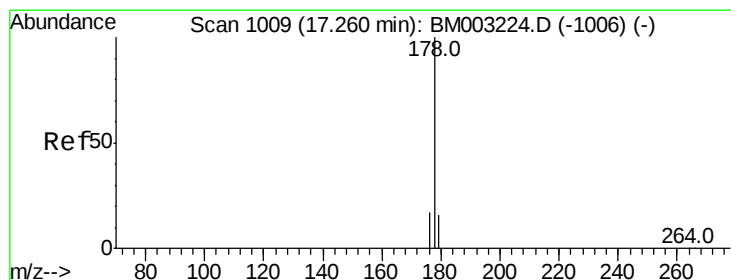
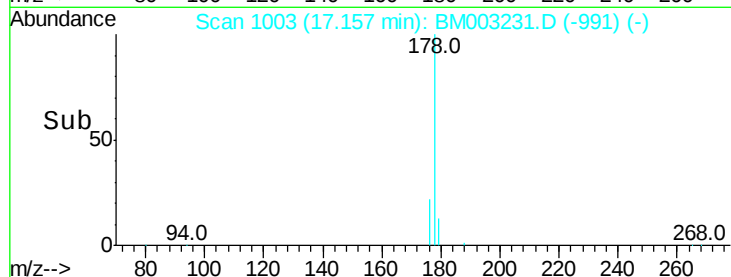
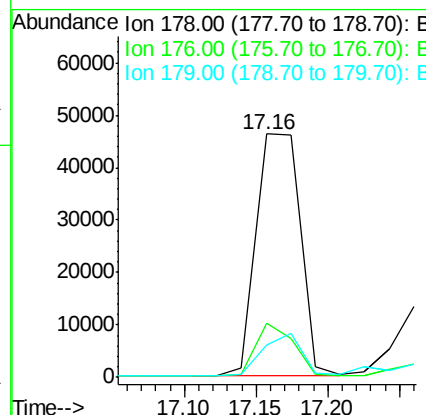
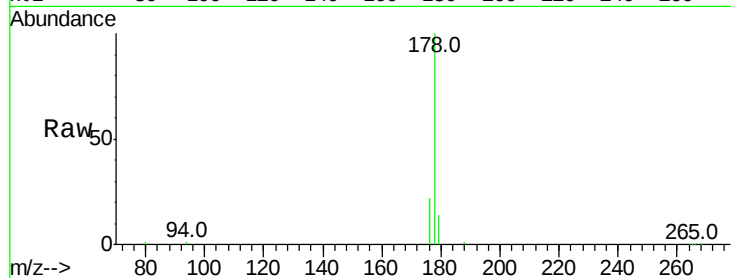
#14
Phenanthrene
Concen: 0.60 ng/ul m
RT: 17.16 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Instrument :
BNA_M
ClientSampleId :
A4HR7DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	22.5	13.0	19.4#
179	13.5	14.2	21.2#

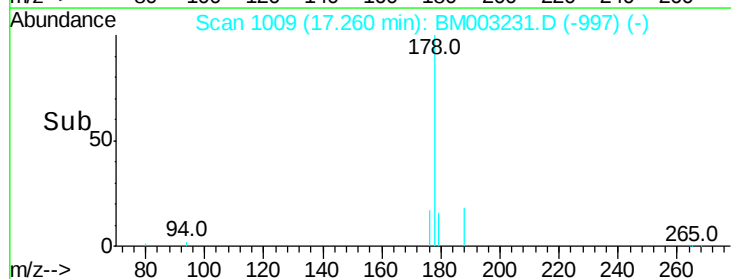
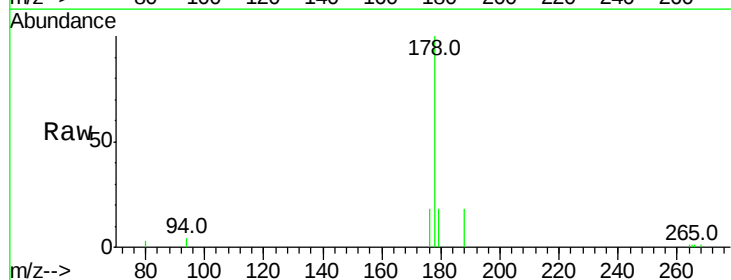
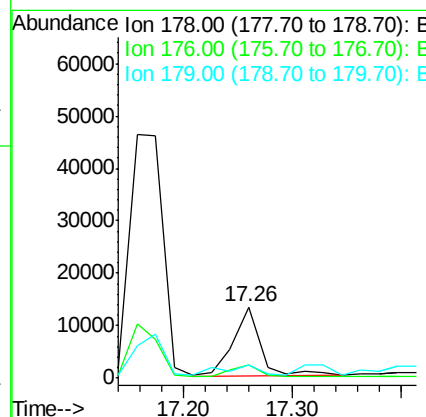
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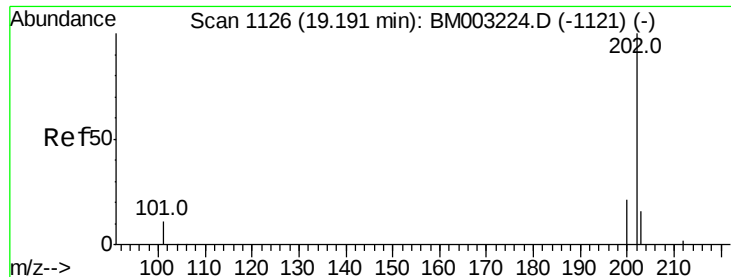
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#15
Anthracene
Concen: 0.17 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.0	21.0
179	18.1	12.9	19.3





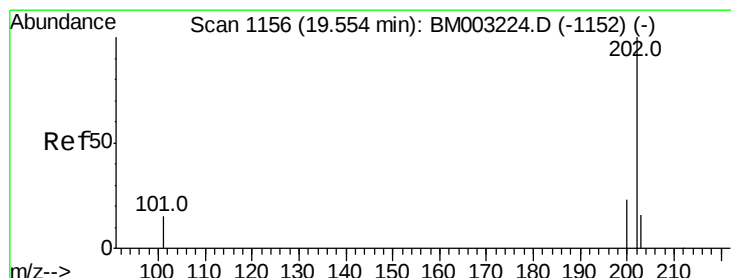
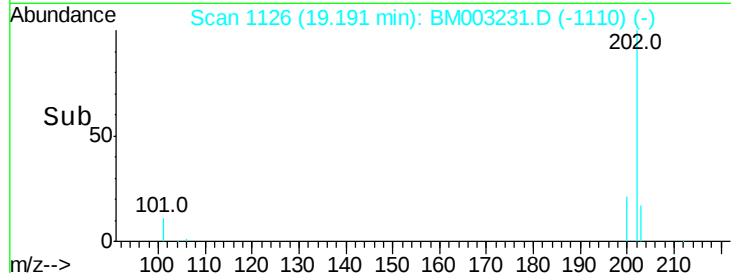
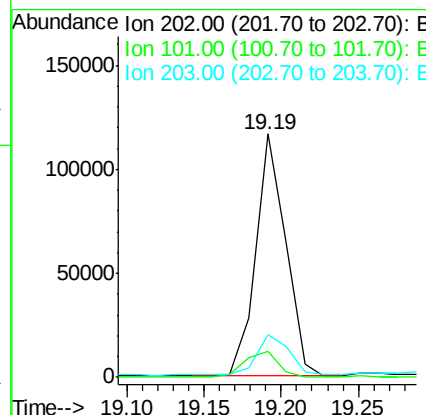
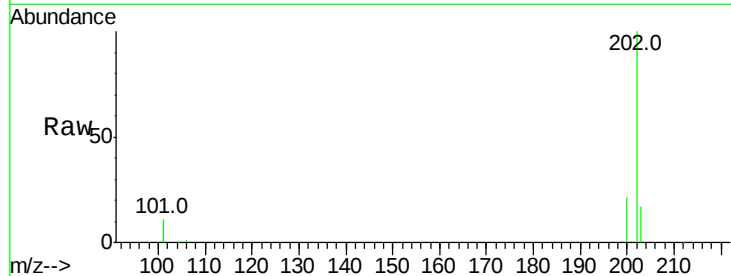
#17
Fluoranthene
 Concen: 0.86 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003231.D
 Acq: 20 Nov 2015 21:08

Instrument :
 BNA_M
 ClientSampleId :
 A4HR7DL

Tot Ion	Ratio	Resp	Lower	Upper
202	100	157029		
101	10.6		0.0	29.6
203	17.3		0.0	36.3

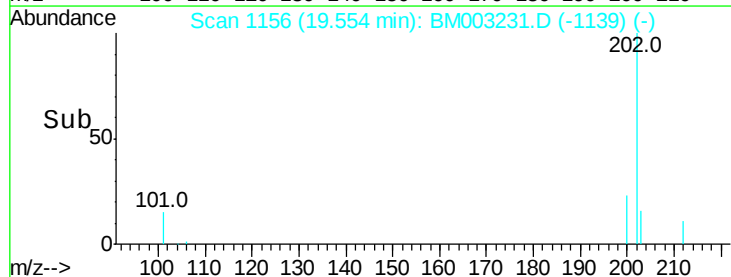
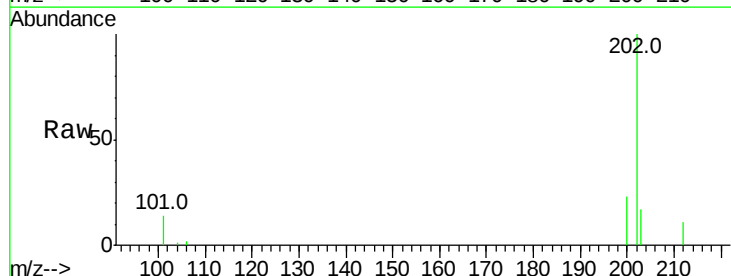
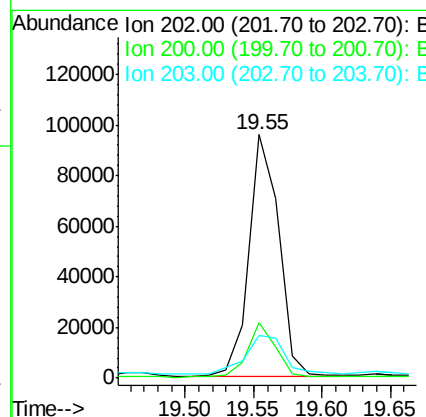
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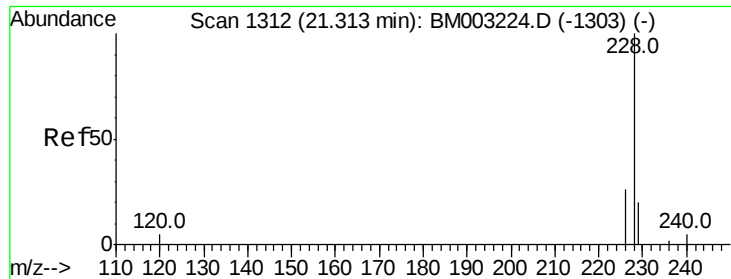
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#19
Pyrene
 Concen: 0.75 ng/ul
 RT: 19.55 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM003231.D
 Acq: 20 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	143062		
200	22.7		17.8	26.8
203	17.4		12.8	19.2





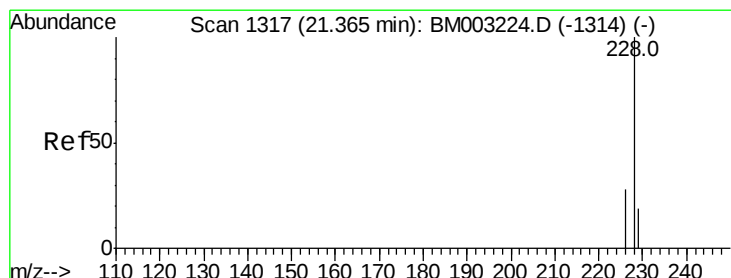
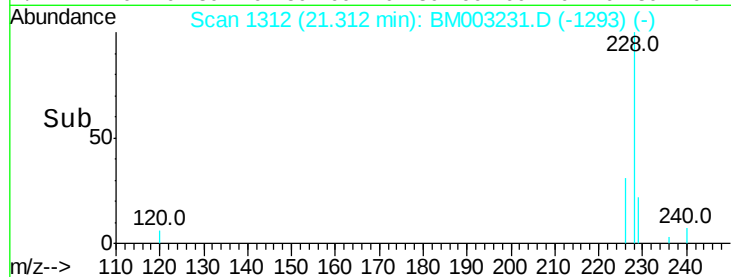
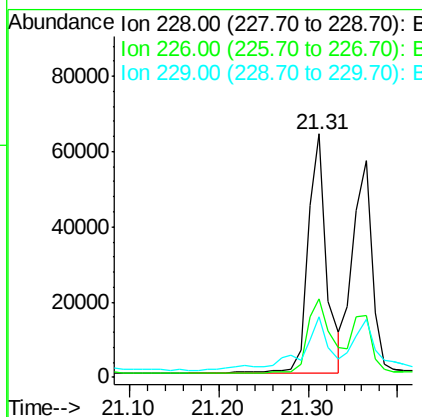
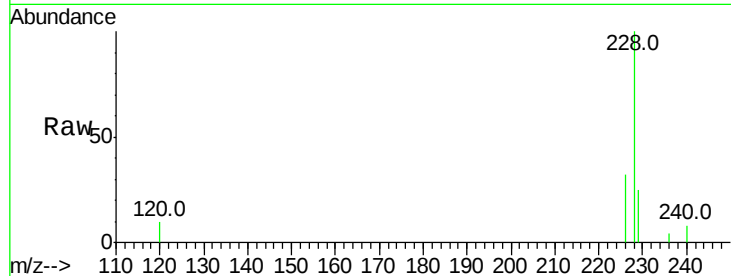
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Benzo(a)anthracene
Concen: 0.58 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Instrument :
BNA_M
ClientSampleId :
A4HR7DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	18.8	28.2#
229	25.0	17.1	25.7

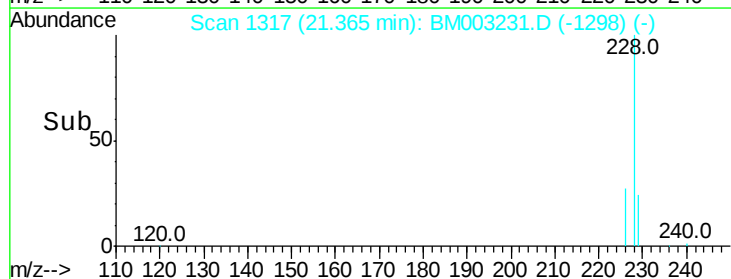
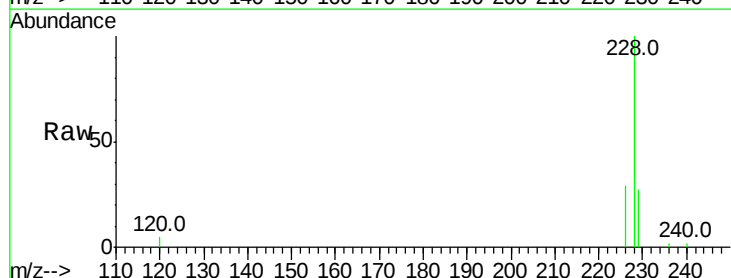
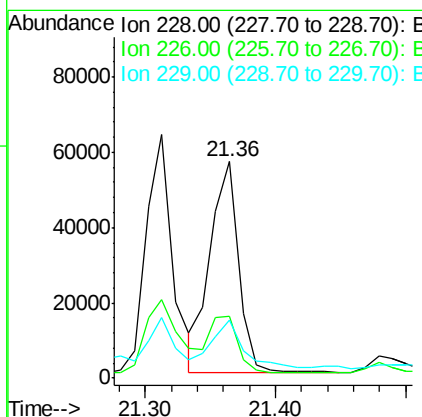
Manual Integrations
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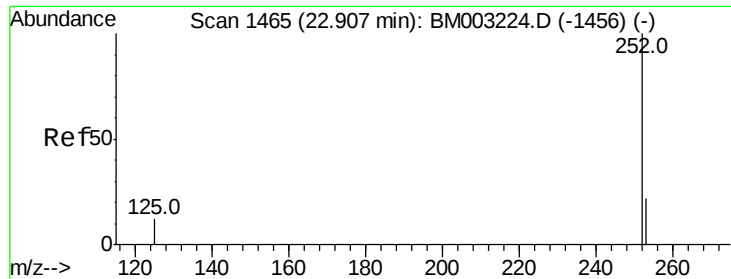
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#21
Chrysene
Concen: 0.47 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.2	31.8
229	26.5	17.0	25.6#





#23

Benzo(b)fluoranthene

Concen: 0.57 ng/ul m

RT: 22.91 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Instrument :

BNA_M

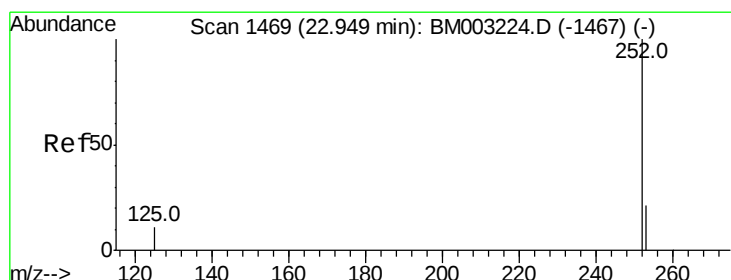
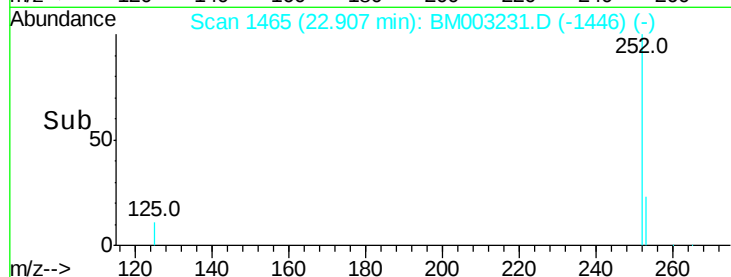
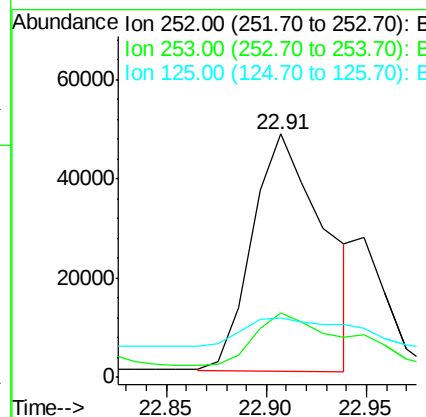
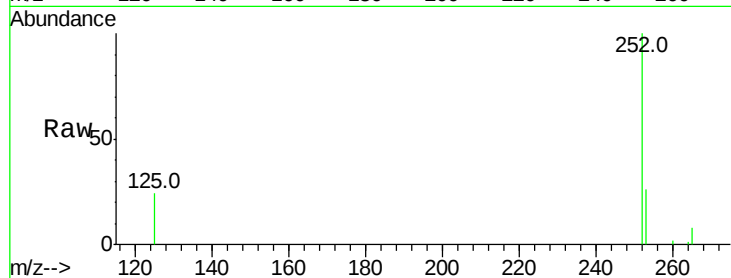
ClientSampleId :

A4HR7DL

Tot Ion	Ratio	Resp	Lower	Upper
252	100	119756		
253	26.4	0.0	45.4	
125	24.3	0.0	28.8	

Manual Integrations
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#24

Benzo(k)fluoranthene

Concen: 0.15 ng/ul m

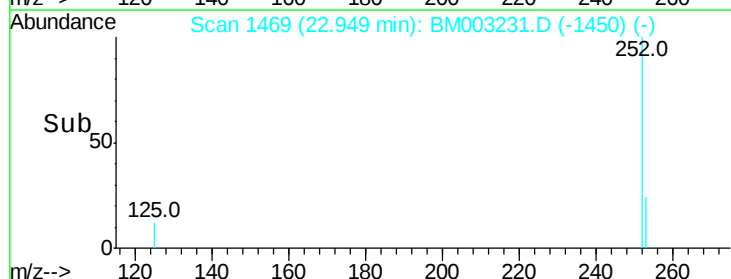
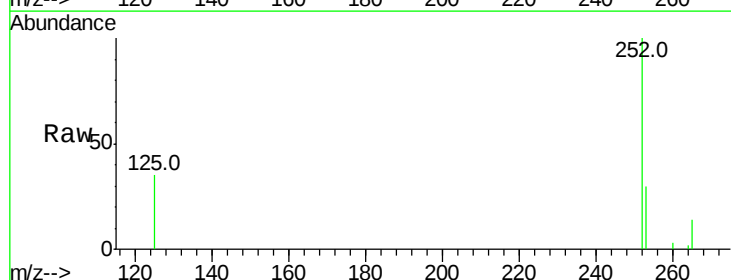
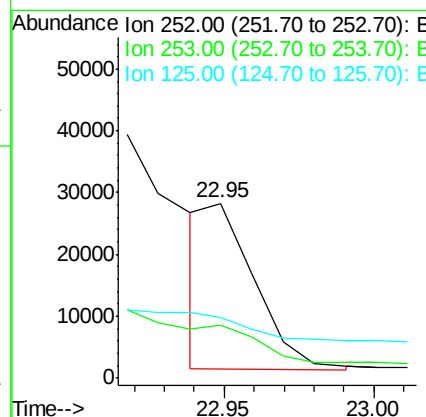
RT: 22.95 min Scan# 1469

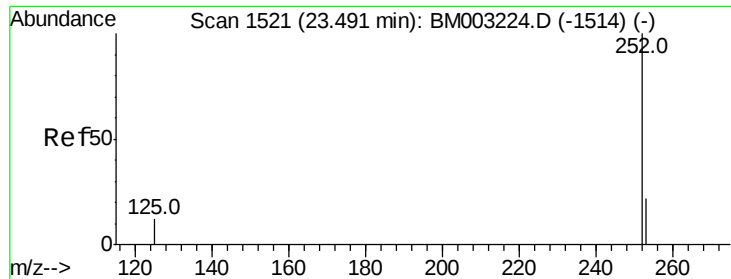
Delta R.T. -0.00 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30264		
253	30.3	19.8	29.8#	
125	35.0	10.4	15.6#	





#25

Benzo(a)pyrene

Concen: 0.43 ng/ul

RT: 23.48 min Scan# 1520

Delta R.T. -0.01 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Instrument :

BNA_M

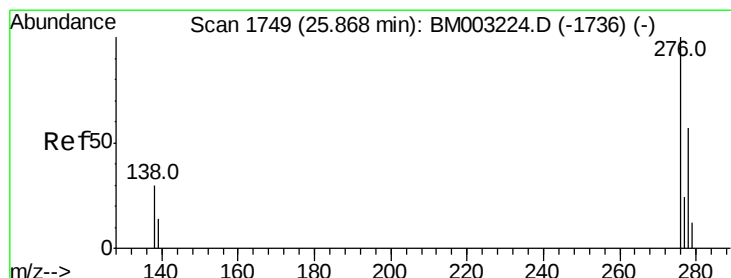
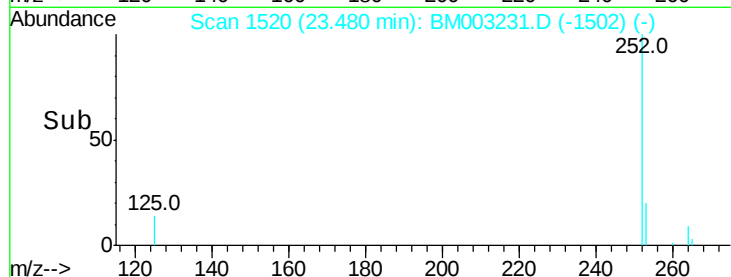
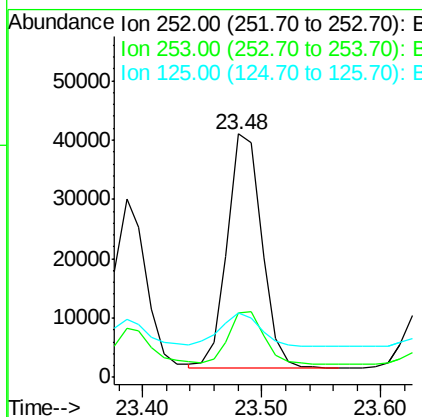
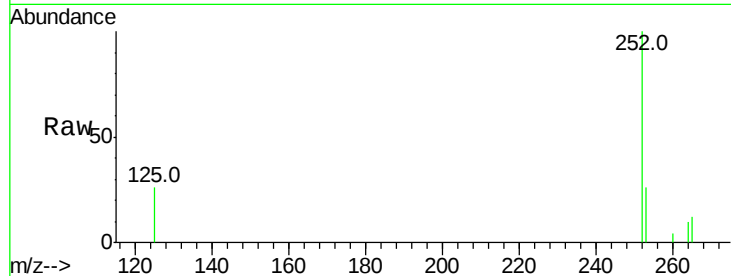
ClientSampleId :

A4HR7DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.4	29.2
125	26.4	12.7	19.1#

Manual Integrations
APPROVED

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#26

Indeno(1,2,3-cd)pyrene

Concen: 0.26 ng/ul

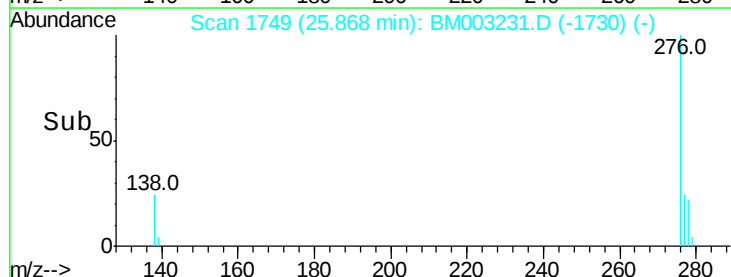
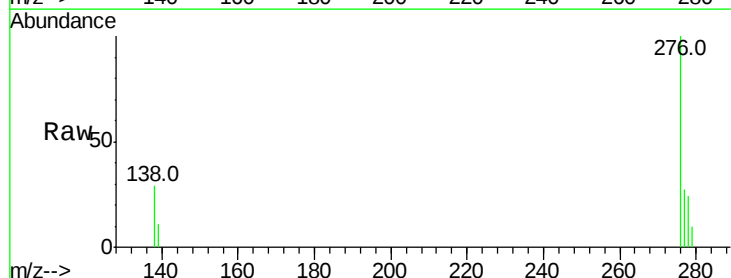
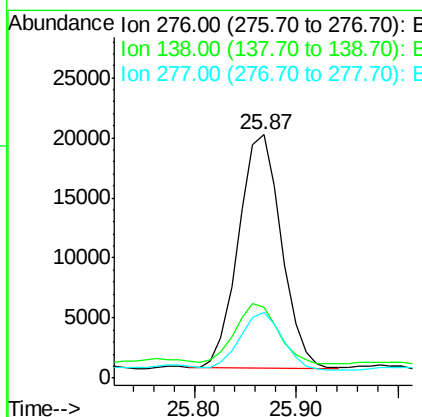
RT: 25.87 min Scan# 1749

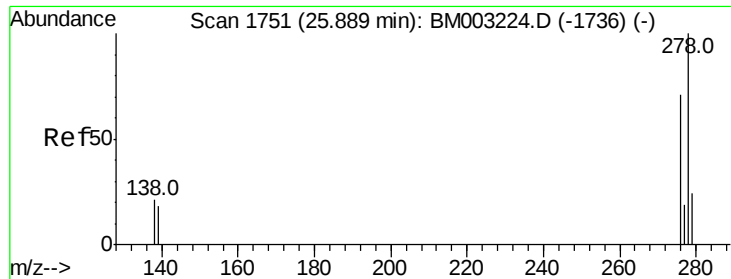
Delta R.T. -0.00 min

Lab File: BM003231.D

Acq: 20 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.3	24.5#
277	24.8	19.8	29.8





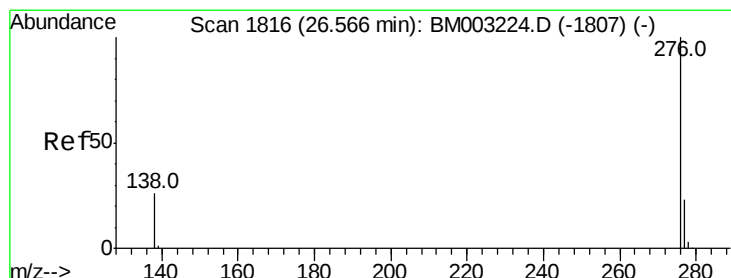
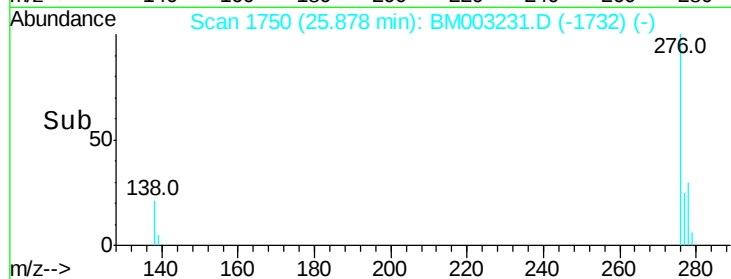
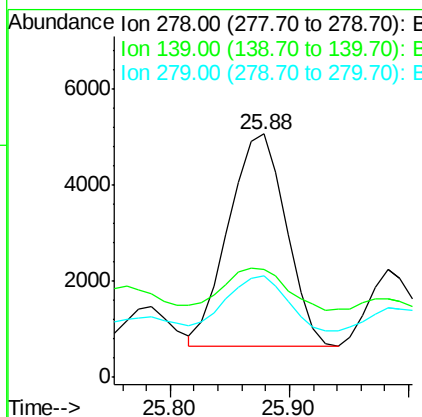
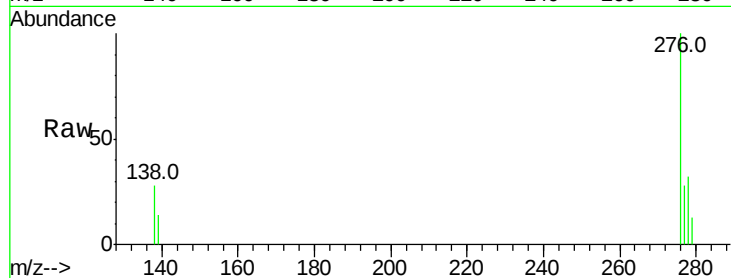
#27
Dibenzo(a,h)anthracene
Concen: 0.08 ng/ul
RT: 25.88 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Instrument :
BNA_M
ClientSampleId :
A4HR7DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	44.3	16.4	24.6#
279	41.5	20.2	30.2#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 6:58:55 PM



#28
Benzo(g,h,i)perylene
Concen: 0.28 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. -0.00 min
Lab File: BM003231.D
Acq: 20 Nov 2015 21:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.9	28.3
138	30.0	22.5	33.7

