

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003223.D
 Acq On : 20 Nov 2015 16:20
 Operator : UM/IZ
 Sample : G4323-25
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J45

Manual Integrations
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 11/23/2015 6:58:36 PM

Quant Time: Nov 21 04:20:48 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 03:26:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	18446	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	70811	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	35921	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	73944	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	75263	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	74079	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	49007	2.49	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	11538	0.12	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	23639	0.13	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.58	128	153576	0.84	ng/ul	99
7) 2-Methylnaphthalene	12.19	142	19728	0.17	ng/ul#	100
9) Acenaphthylene	14.09	152	106962	0.72	ng/ul	99
10) Acenaphthene	14.43	153	29089	0.23	ng/ul#	76
11) Fluorene	15.44	166	43272m	0.32	ng/ul	
13) Pentachlorophenol	16.78	266	926	0.05	ng/ul	94
14) Phenanthrene	17.17	178	787886	3.67	ng/ul	99
15) Anthracene	17.26	178	201293	1.12	ng/ul	99
17) Fluoranthene	19.19	202	1564133	6.57	ng/ul	98
19) Pyrene	19.55	202	1477122	5.72	ng/ul	99
20) Benzo(a)anthracene	21.31	228	774252	3.55	ng/ul	94
21) Chrysene	21.36	228	730673	2.97	ng/ul	97
23) Benzo(b)fluoranthene	22.91	252	1066849m	3.79	ng/ul	
24) Benzo(k)fluoranthene	22.95	252	278103m	1.04	ng/ul	
25) Benzo(a)pyrene	23.49	252	686740m	2.74	ng/ul	
26) Indeno(1,2,3-cd)pyrene	25.87	276	461141	1.54	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.88	278	113659	0.47	ng/ul#	90
28) Benzo(a,h,i)perylene	26.57	276	377836	1.44	ng/ul	97

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

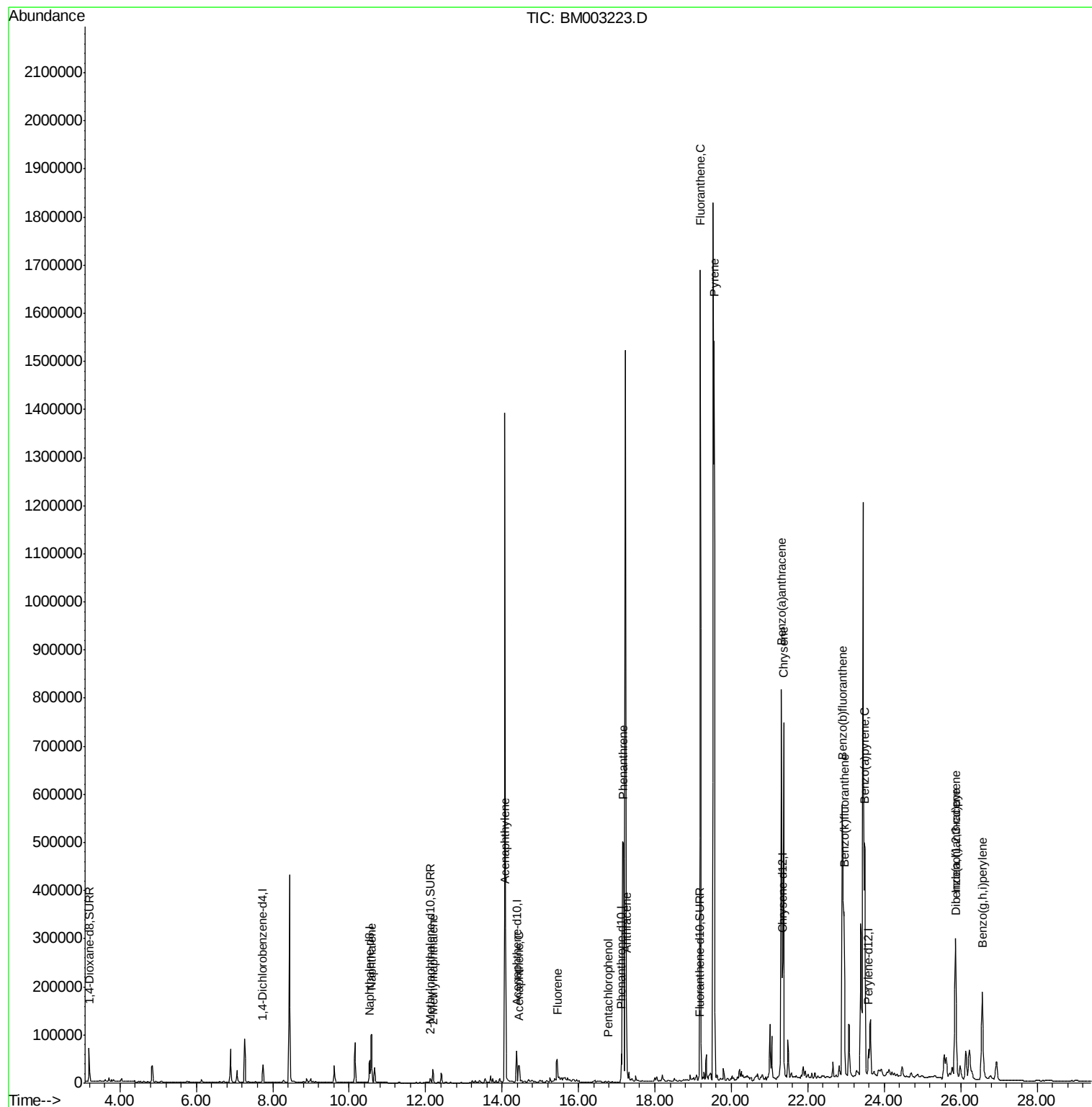
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ALS Vial : 9 Sample Multiplier: 1

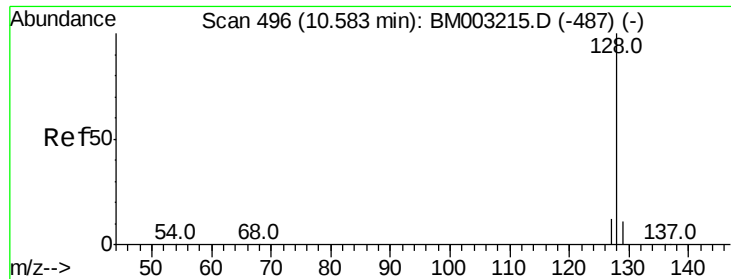
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM111815.M
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QLast Update : Sat Nov 21 03:26:56 2015
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#5

Naphthalene

Concen: 0.84 ng/ul

RT: 10.58 min Scan# 496

Delta R.T. 0.00 min

Lab File: BM003223.D

Acq: 20 Nov 2015 16:20

Instrument :

BNA_M

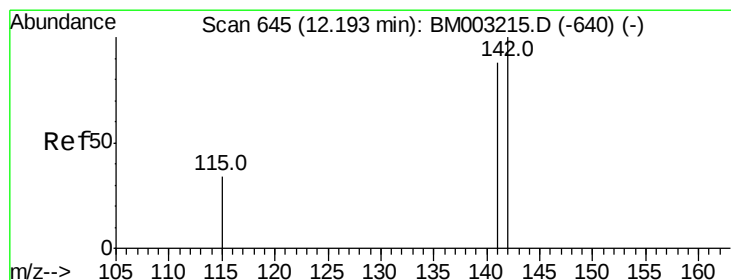
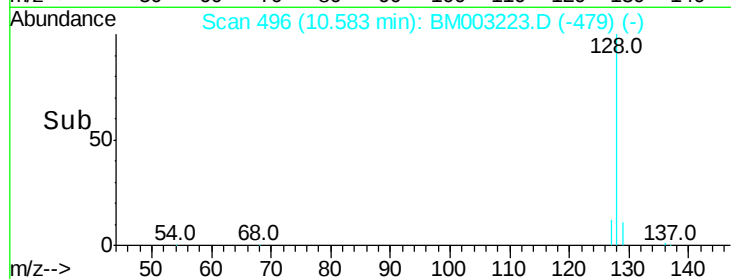
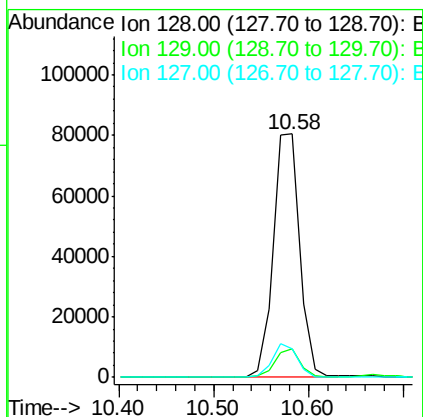
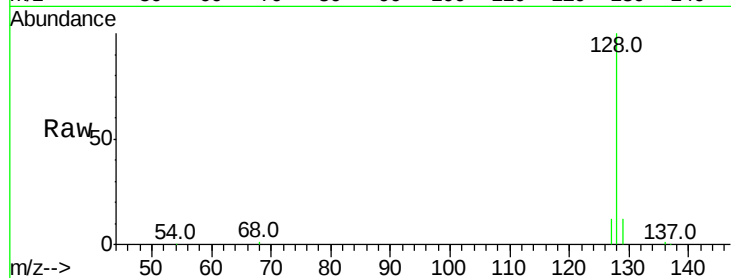
ClientSampleId :

A4J45

Tot Ion:	128	Resp:	153576
Ion Ratio	Lower	Upper	
128	100		
129	11.7	9.0	13.6
127	11.7	9.6	14.4

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#7

2-Methylnaphthalene

Concen: 0.17 ng/ul

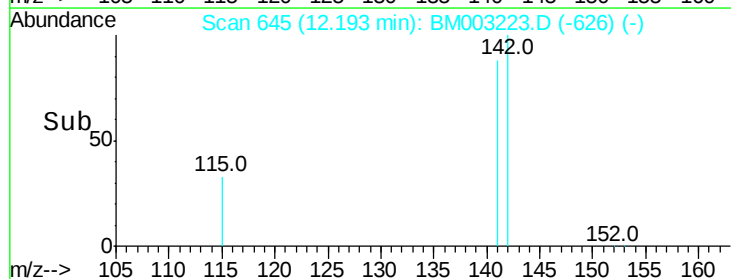
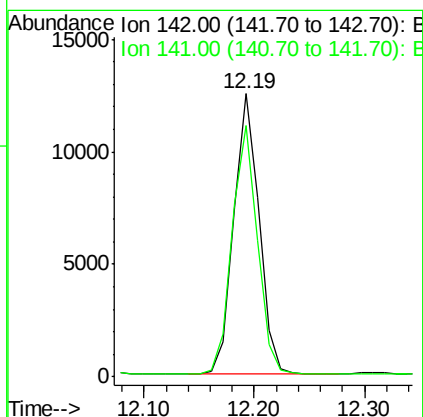
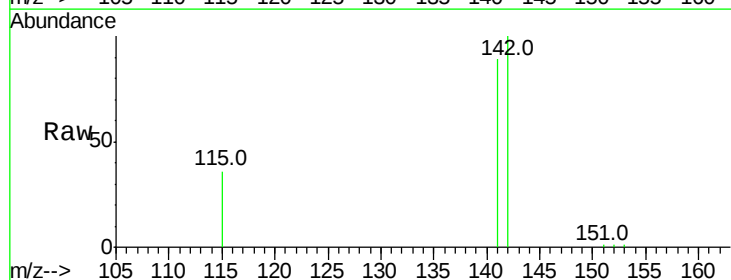
RT: 12.19 min Scan# 645

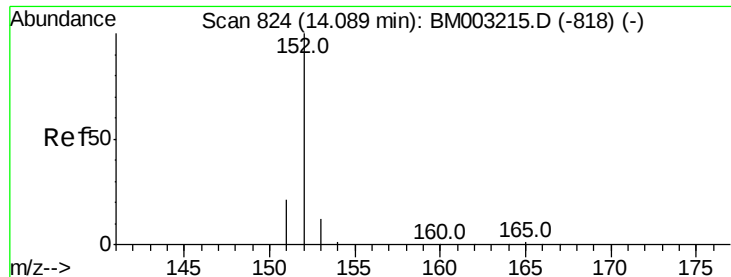
Delta R.T. 0.00 min

Lab File: BM003223.D

Acq: 20 Nov 2015 16:20

Tgt Ion:	142	Resp:	19728
Ion Ratio	Lower	Upper	
142	100		
141	88.6	0.0	0.0#





#9

Acenaphthylene

Concen: 0.72 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003223.D

Acq: 20 Nov 2015 16:20

Instrument :

BNA_M

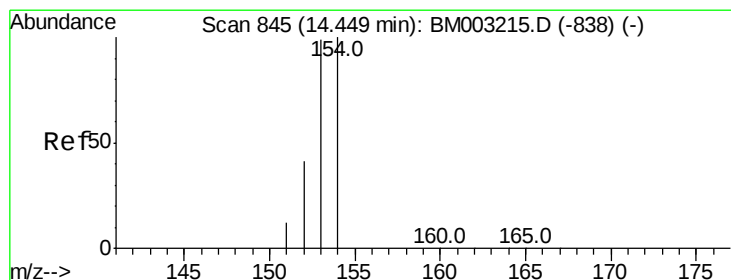
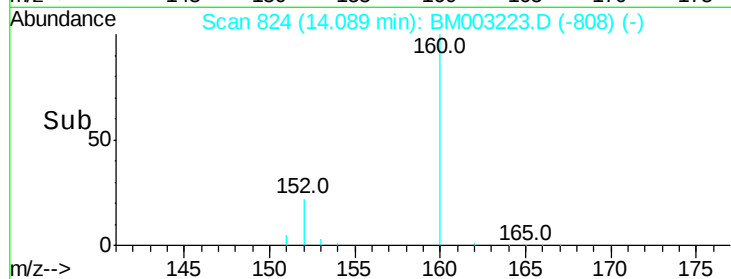
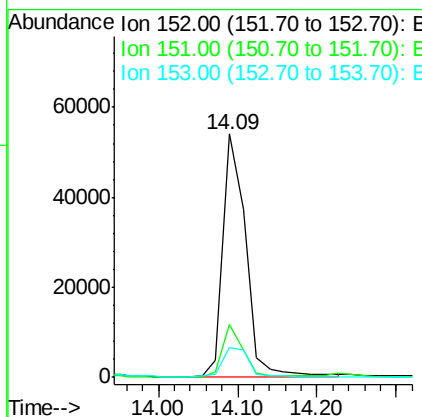
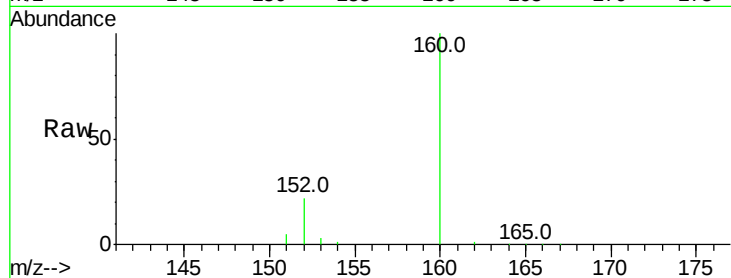
ClientSampleId :

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Tot Ion:	152	Resp:	106962
Ion Ratio	Lower	Upper	
152	100		
151	21.6	17.6	26.4
153	12.4	9.7	14.5

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#10

Acenaphthene

Concen: 0.23 ng/ul

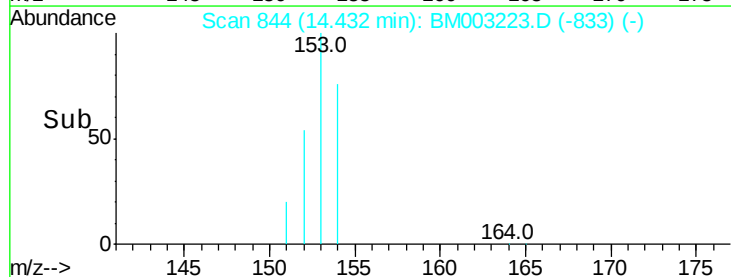
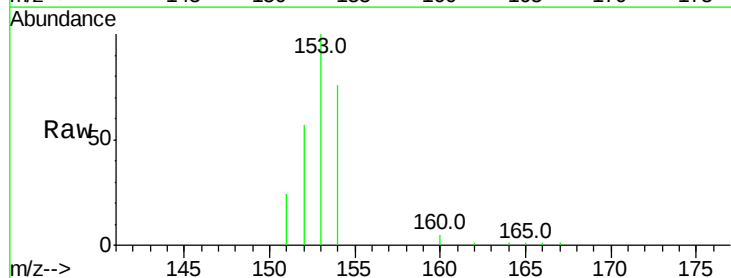
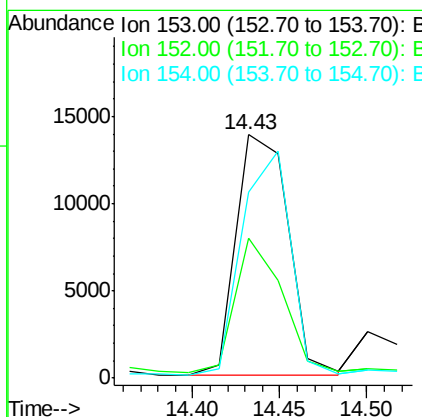
RT: 14.43 min Scan# 844

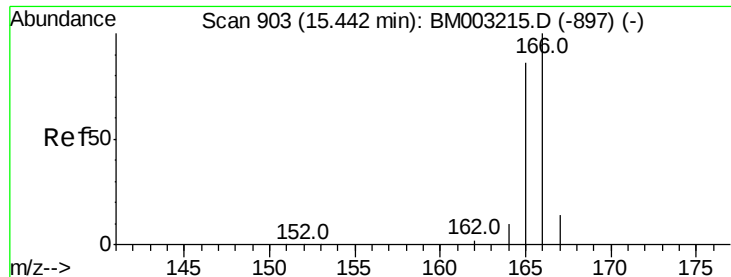
Delta R.T. -0.02 min

Lab File: BM003223.D

Acq: 20 Nov 2015 16:20

Tgt Ion:	153	Resp:	29089
Ion Ratio	Lower	Upper	
153	100		
152	57.3	33.9	50.9#
154	76.2	80.6	121.0#





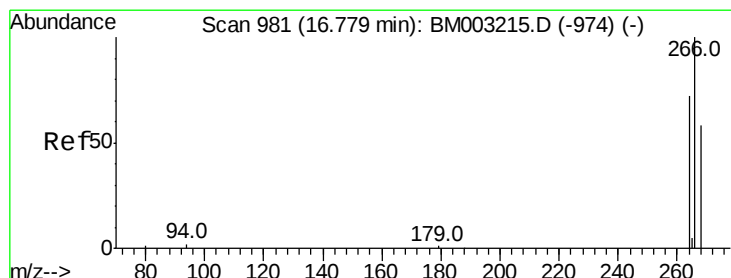
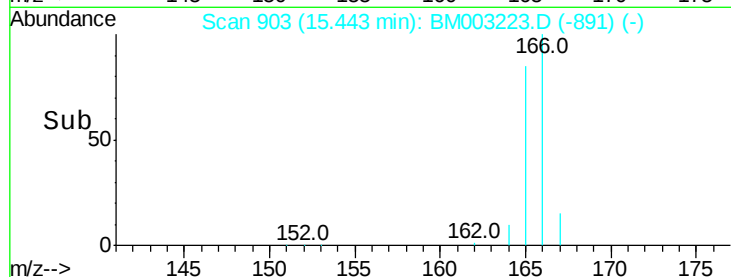
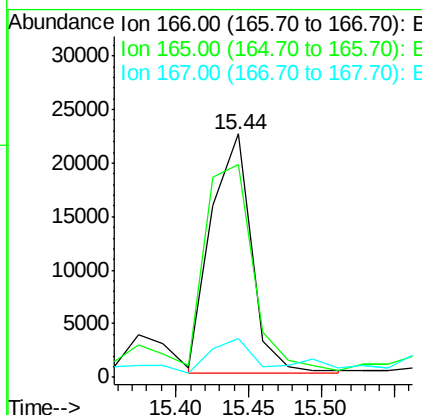
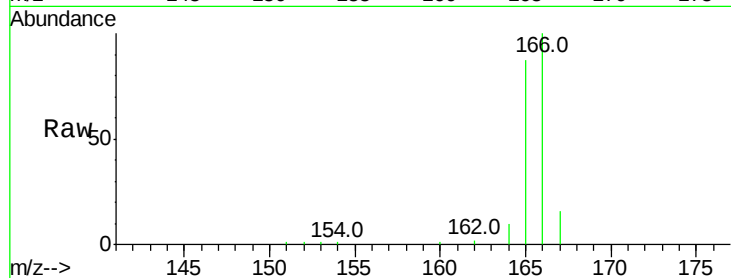
#11
Fluorene
Concen: 0.32 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Instrument :
BNA_M
ClientSampleId :
A4J45

Tot Ion	Ratio	Lower	Upper
166	100		
165	87.4	69.6	104.4
167	16.0	11.9	17.9

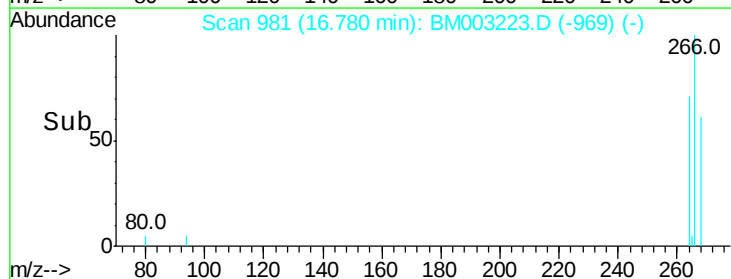
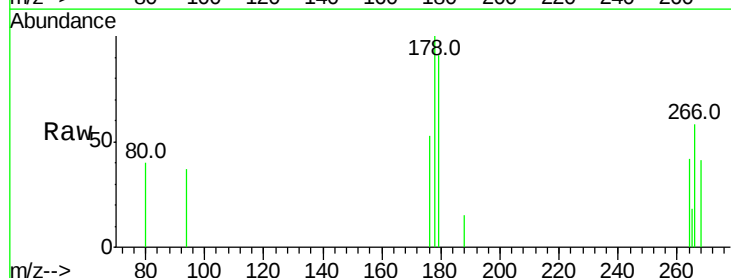
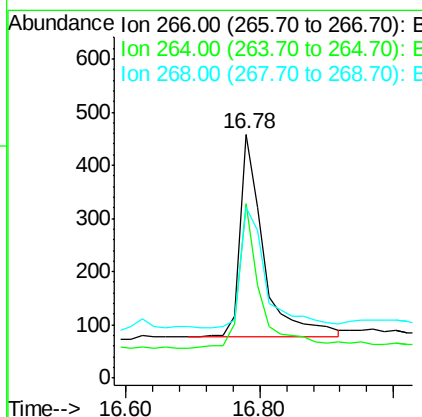
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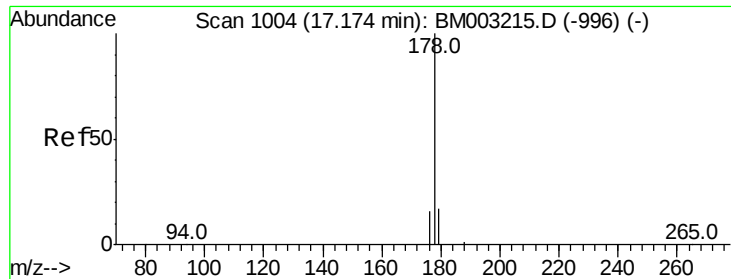
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#13
Pentachlorophenol
Concen: 0.05 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.8	77.8
268	65.2	46.8	70.2





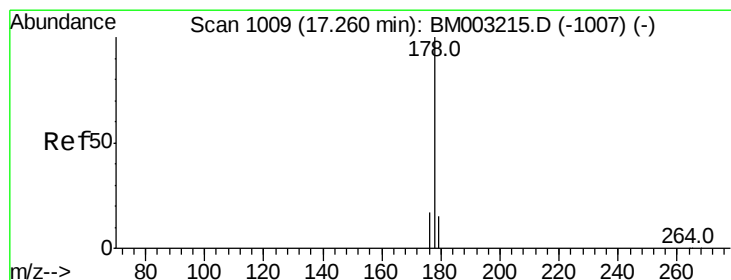
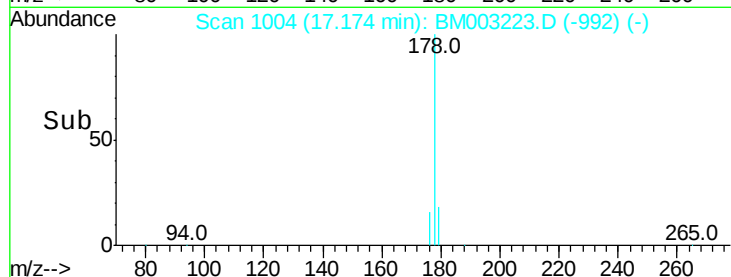
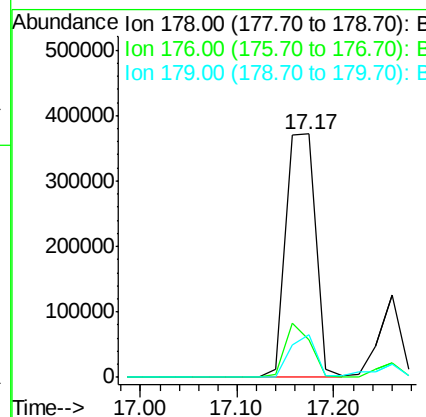
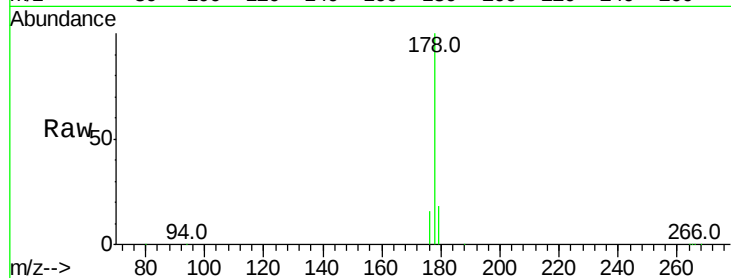
#14
Phenanthrene
Concen: 3.67 ng/ul
RT: 17.17 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Instrument :
BNA_M
ClientSampleId :
A4J45

Tot Ion	Ratio	Lower	Upper
178	100		
176	15.6	13.0	19.4
179	17.7	14.2	21.2

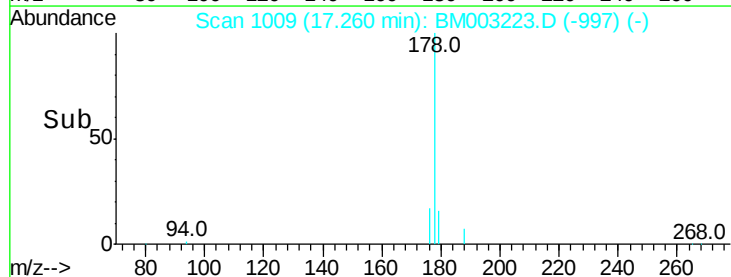
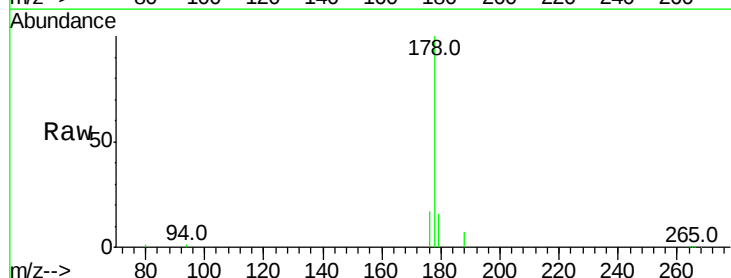
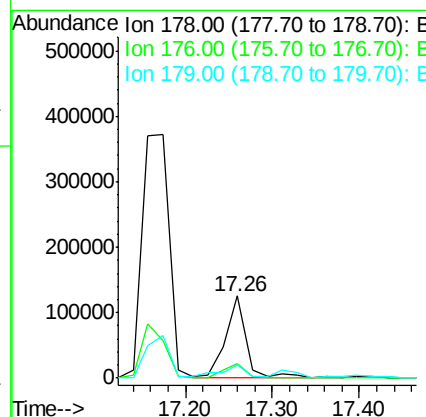
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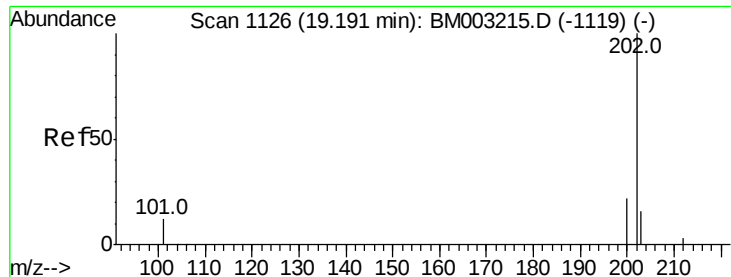
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#15
Anthracene
Concen: 1.12 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.9	14.0	21.0
179	16.5	12.9	19.3





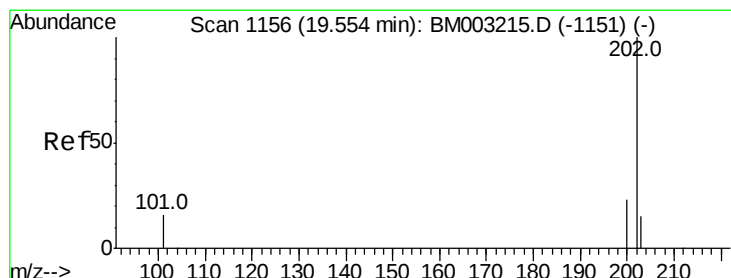
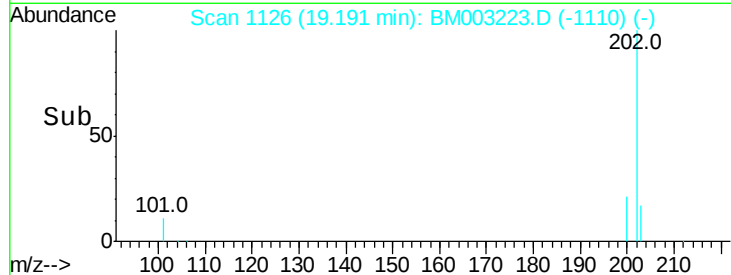
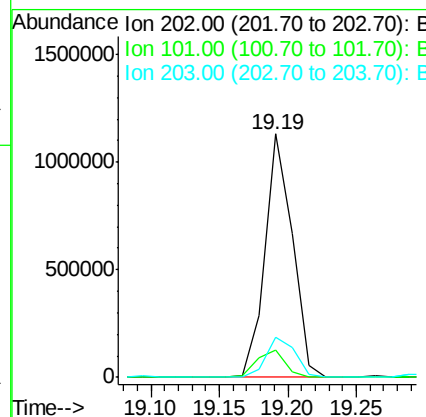
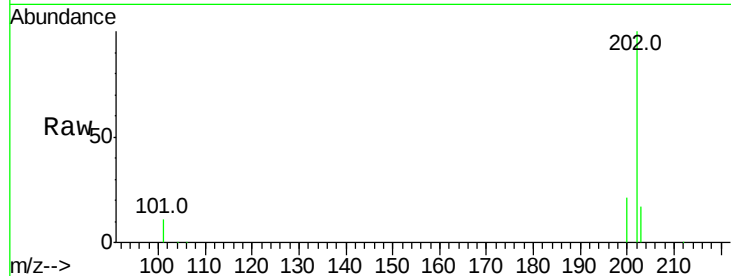
#17
Fluoranthene
 Concen: 6.57 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. 0.00 min
 Lab File: BM003223.D
 Acq: 20 Nov 2015 16:20

Instrument :
 BNA_M
 ClientSampleId :
 A4J45

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

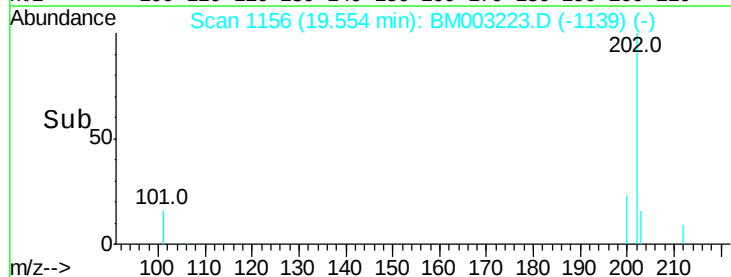
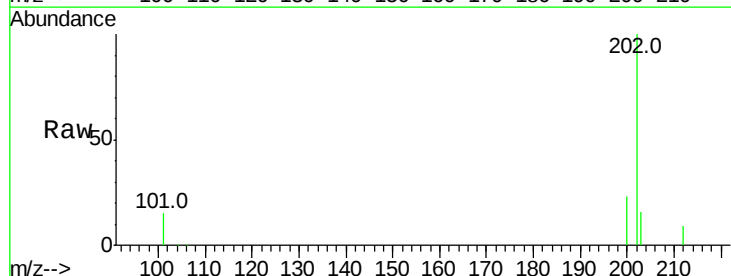
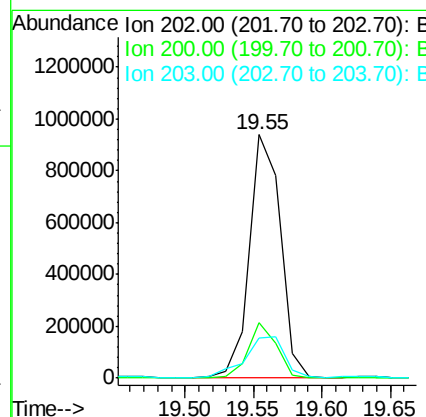
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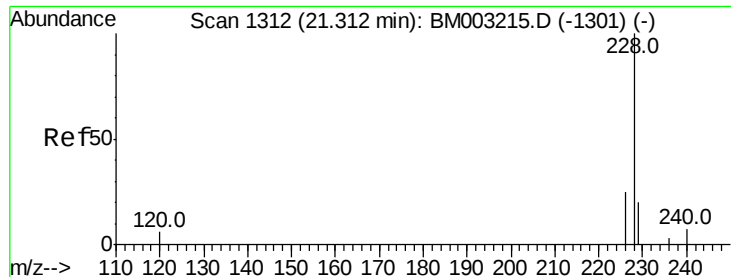
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#19
Pyrene
 Concen: 5.72 ng/ul
 RT: 19.55 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BM003223.D
 Acq: 20 Nov 2015 16:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.8	26.8
203	16.4	12.8	19.2





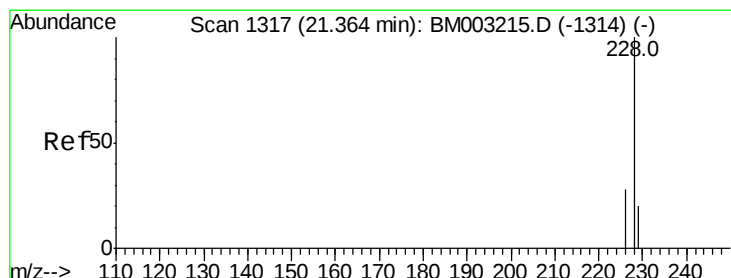
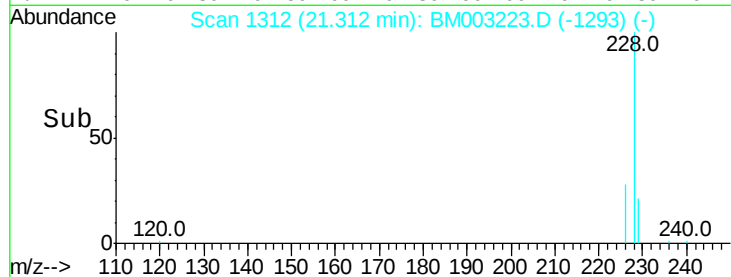
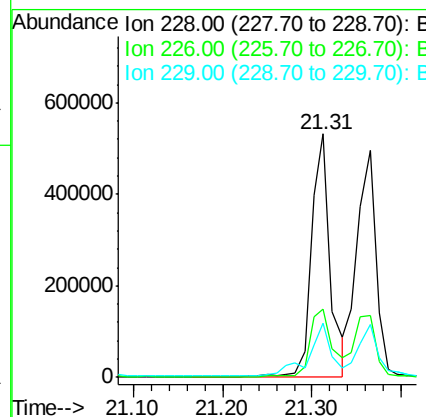
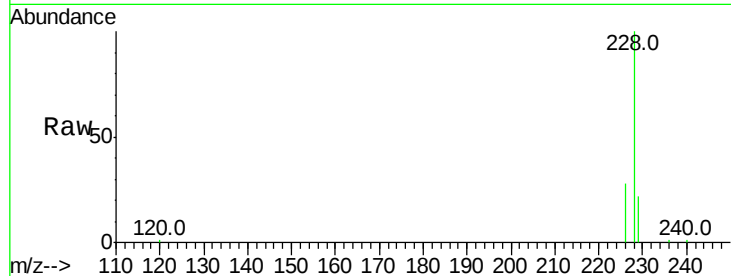
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Benzo(a)anthracene
Concen: 3.55 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Instrument :
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ClientSampleId :
A4J45

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	18.8	28.2
229	22.2	17.1	25.7

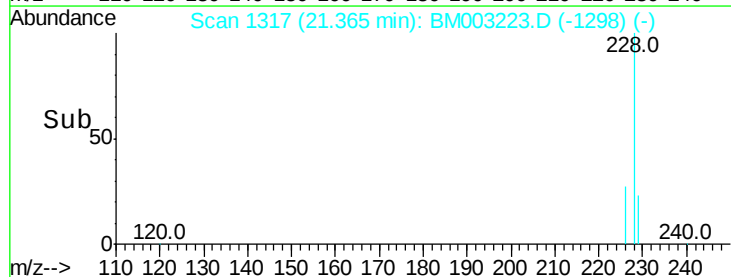
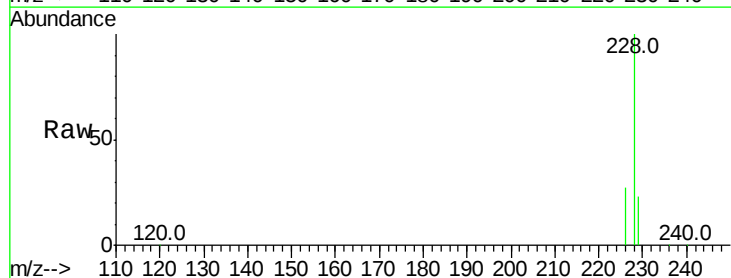
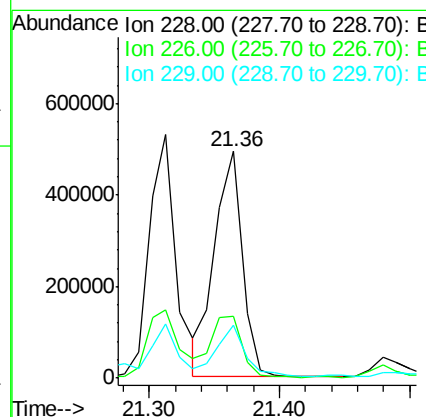
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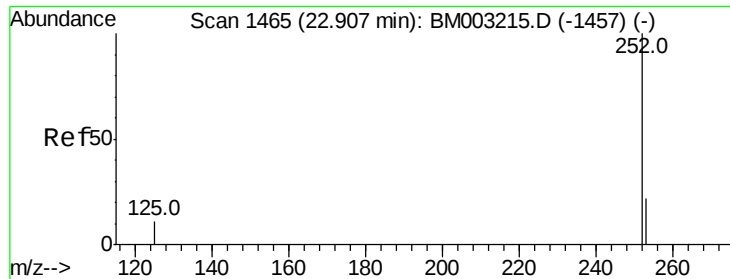
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#21
Chrysene
Concen: 2.97 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	23.5	17.0	25.6





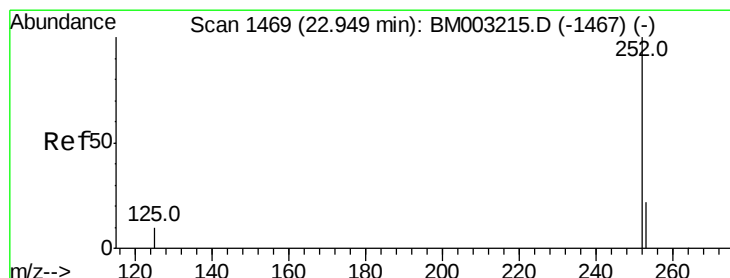
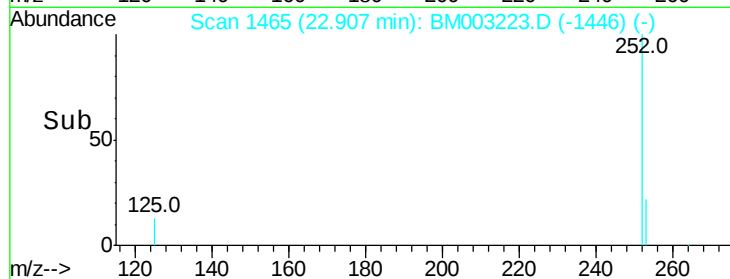
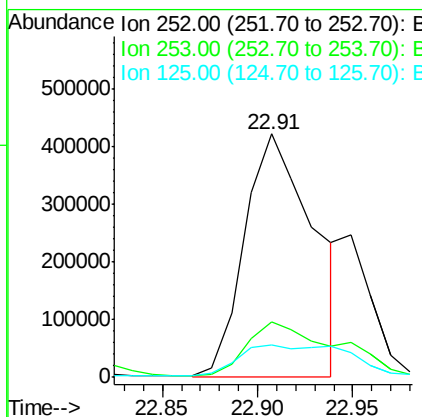
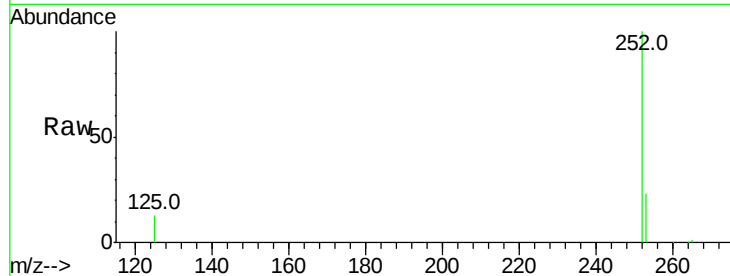
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Benzo(b)fluoranthene
Concen: 3.79 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Instrument :
BNA_M
ClientSampleId :
A4J45

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	45.4
125	13.4	0.0	28.8

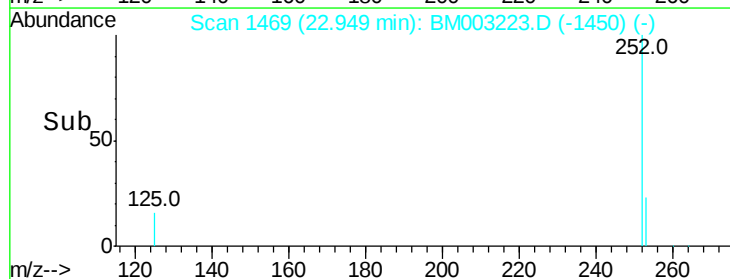
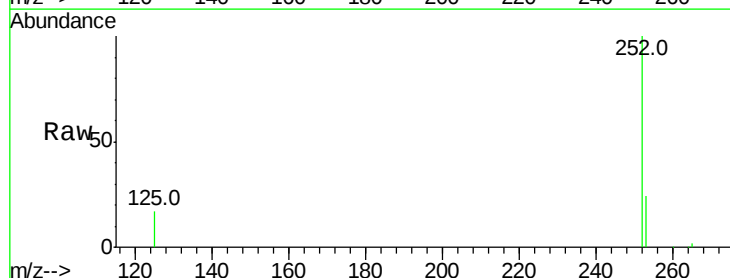
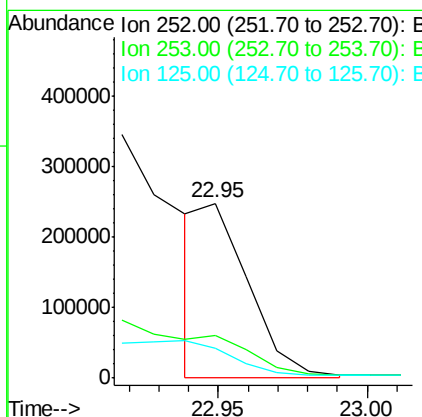
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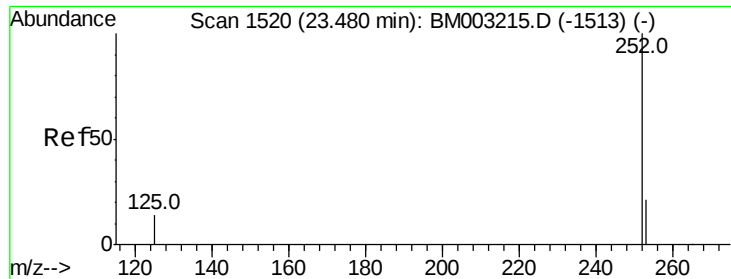
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#24
Benzo(k)fluoranthene
Concen: 1.04 ng/ul m
RT: 22.95 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.8	29.8
125	17.4	10.4	15.6





#25

Benzo(a)pyrene

Concen: 2.74 ng/ul

RT: 23.49 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BM003223.D

Acq: 20 Nov 2015 16:20

Instrument :

BNA_M

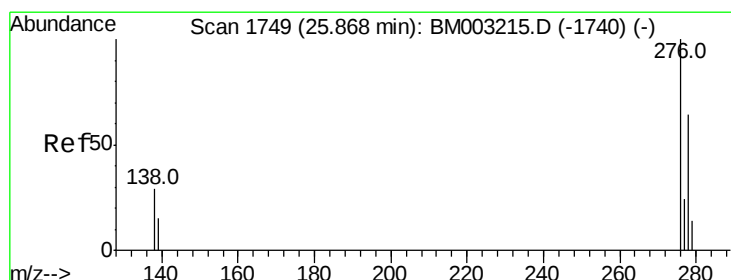
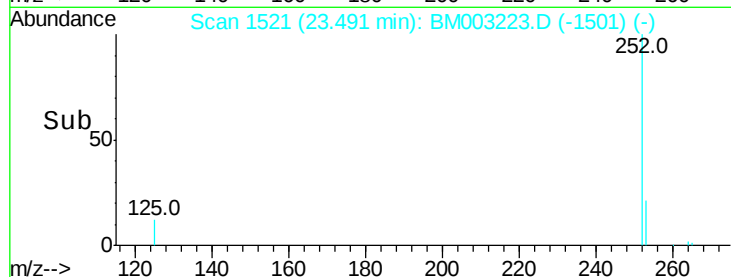
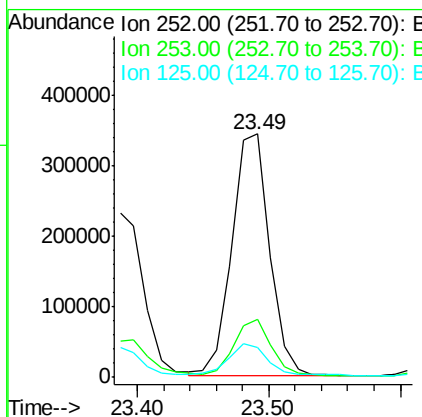
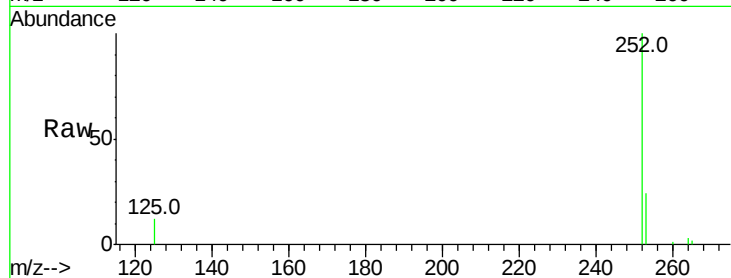
ClientSampleId :

A4J45

Tot Ion:	252	Resp:	686740
Ion Ratio	Lower	Upper	
252	100		
253	23.7	19.4	29.2
125	12.4	12.7	19.1#

Manual Integrations
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#26

Indeno(1,2,3-cd)pyrene

Concen: 1.54 ng/ul

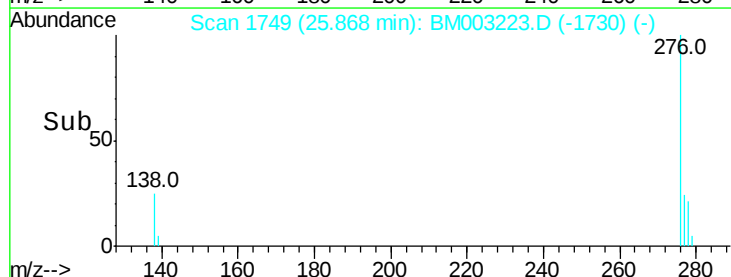
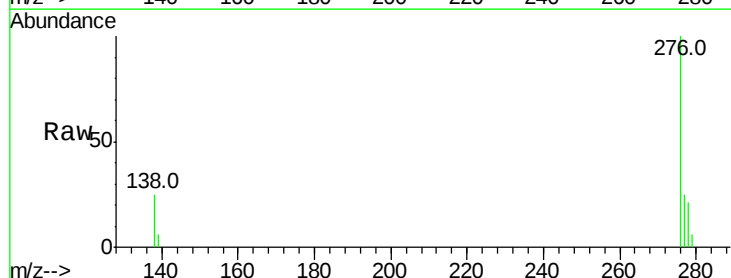
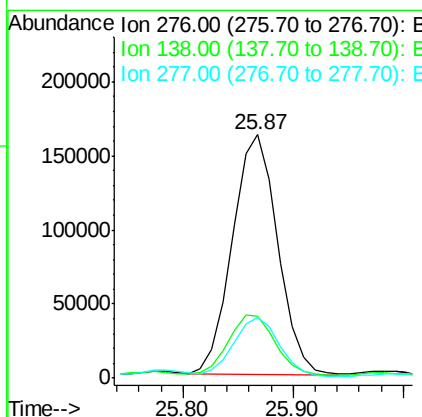
RT: 25.87 min Scan# 1749

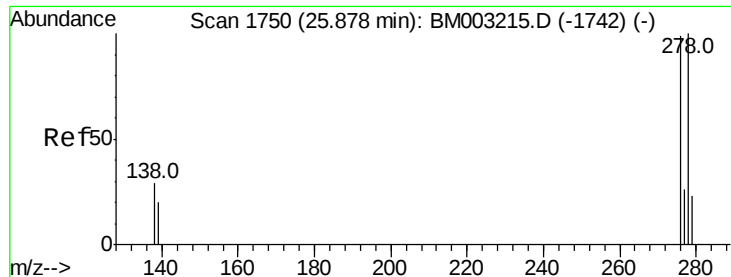
Delta R.T. 0.00 min

Lab File: BM003223.D

Acq: 20 Nov 2015 16:20

Tgt Ion:	276	Resp:	461141
Ion Ratio	Lower	Upper	
276	100		
138	25.9	16.3	24.5#
277	24.4	19.8	29.8





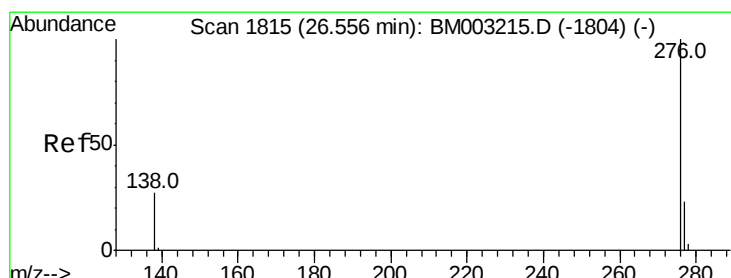
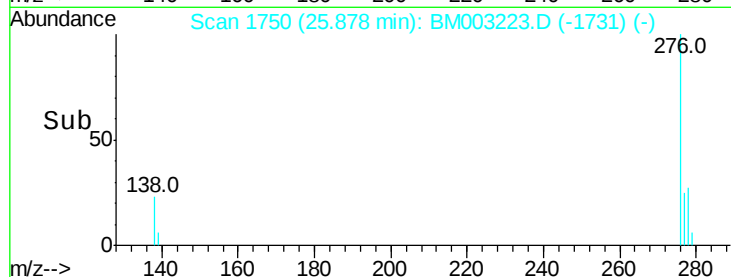
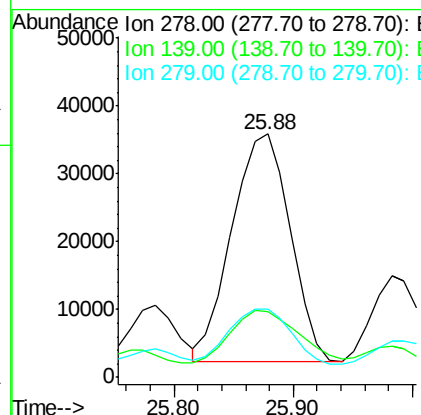
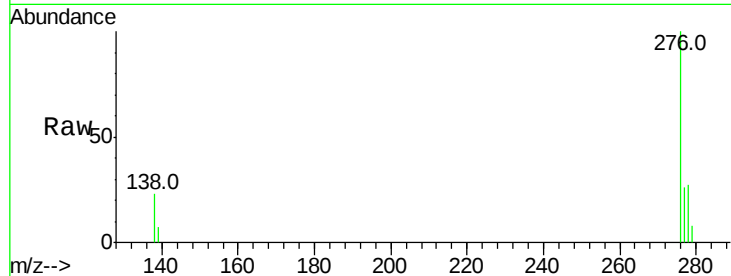
#27
Dibenzo(a,h)anthracene
Concen: 0.47 ng/ul
RT: 25.88 min Scan# 1750
Delta R.T. 0.00 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Instrument :
BNA_M
ClientSampleId :
A4J45

Tot Ion	Ratio	Resp	Lower	Upper
278	100			
139	27.1	16.4	24.6	#
279	28.2	20.2	30.2	

Manual Integrations
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#28
Benzo(g,h,i)perylene
Concen: 1.44 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM003223.D
Acq: 20 Nov 2015 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
277	24.1	18.9	28.3	
138	25.9	22.5	33.7	

