

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
 Data File : BM003238.D
 Acq On : 21 Nov 2015 01:20
 Operator : UM/IZ
 Sample : G4322-22RX
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4HT1RX

Manual Integrations
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 11/23/2015 6:59:18 PM

Quant Time: Nov 23 11:56:20 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	12363	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	48108	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	27182	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	56973	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	57548	0.40	ng/ul	-0.01
22) Perylene-d12	23.58	264	57174	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	49643	3.76	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	11147	0.17	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	13981	0.10	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	12637	0.10	ng/ul#	94
9) Acenaphthylene	14.09	152	15503	0.14	ng/ul	98
10) Acenaphthene	14.43	153	3703	0.04	ng/ul#	77
11) Fluorene	15.44	166	5892	0.06	ng/ul#	94
13) Pentachlorophenol	16.78	266	1016	0.08	ng/ul	94
14) Phenanthrene	17.16	178	166106m	1.00	ng/ul	
15) Anthracene	17.26	178	28865	0.21	ng/ul	98
17) Fluoranthene	19.19	202	367018	2.00	ng/ul	99
19) Pyrene	19.55	202	322852	1.64	ng/ul	99
20) Benzo(a)anthracene	21.30	228	148385	0.89	ng/ul#	89
21) Chrysene	21.35	228	179351m	0.95	ng/ul	
23) Benzo(b)fluoranthene	22.90	252	240654m	1.11	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	78726m	0.38	ng/ul	
25) Benzo(a)pyrene	23.48	252	150388	0.78	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	108684	0.47	ng/ul#	93
27) Dibenzo(a,h)anthracene	25.87	278	25609	0.14	ng/ul#	81
28) Benzo(g,h,i)perylene	26.56	276	92728	0.46	ng/ul	99

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

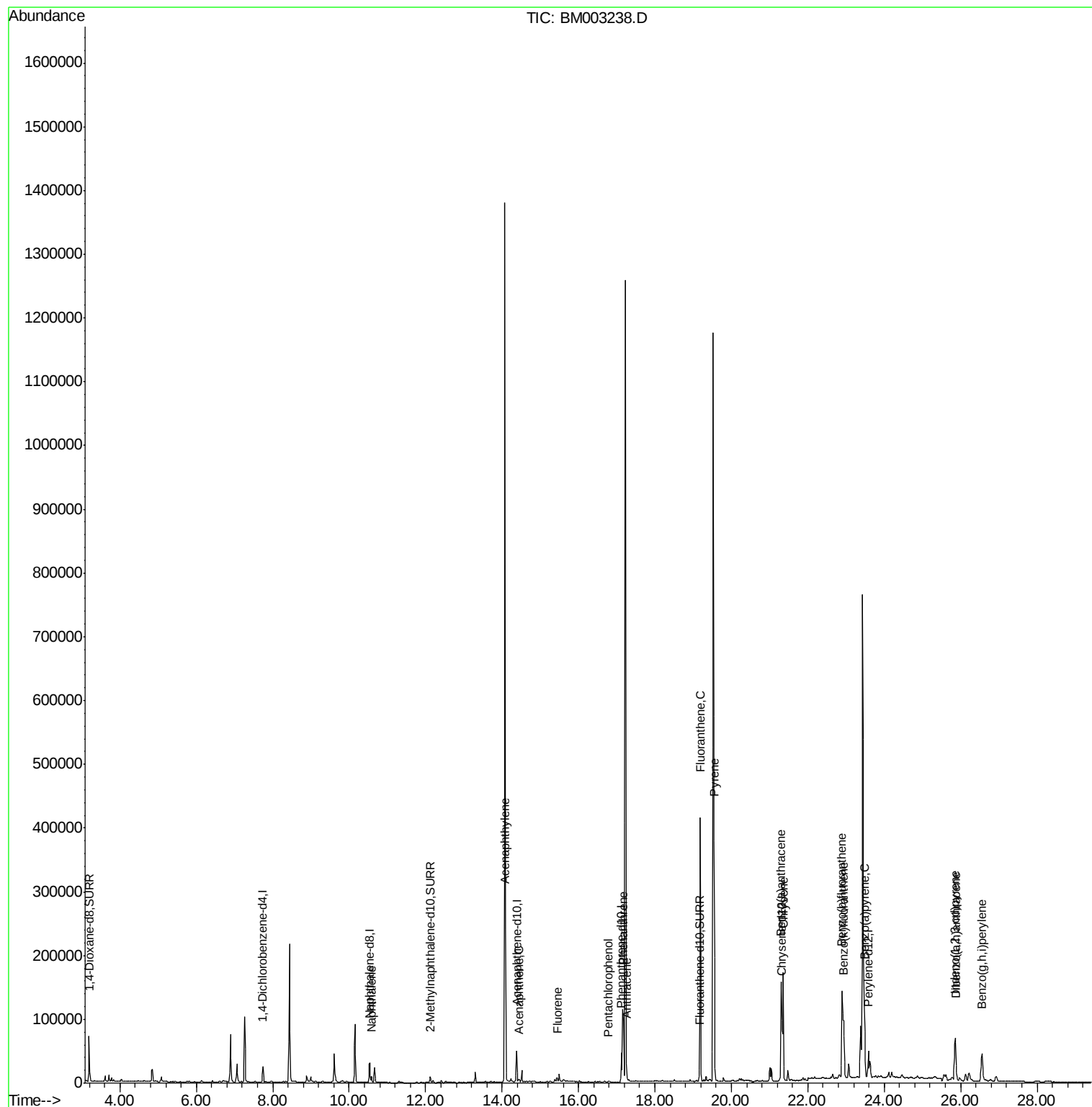
Data Path : Z:\HPCHEM1\BNA M\DATA\BM112015\
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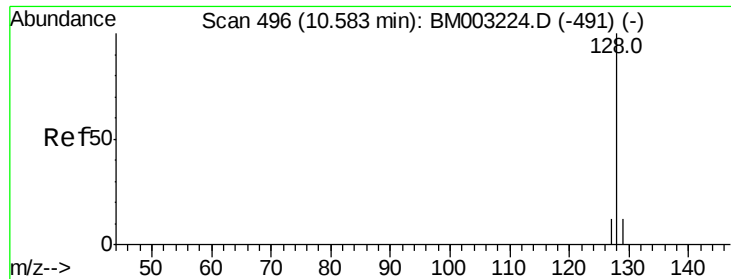
Instrument :
BNA_M
ClientSampleId :
A4HT1RX

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Quant Time: Nov 23 11:56:20 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





#5

Naphthalene

Concen: 0.10 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.01 min

Lab File: BM003238.D

Acq: 21 Nov 2015 01:20

Instrument :

BNA_M

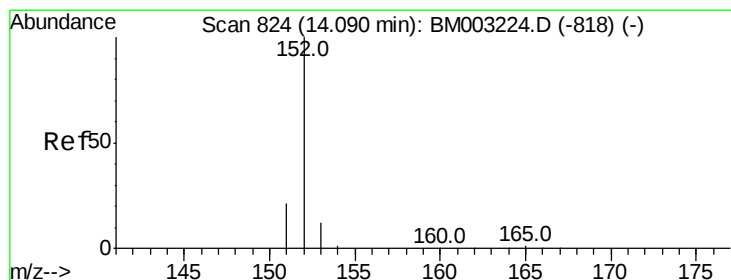
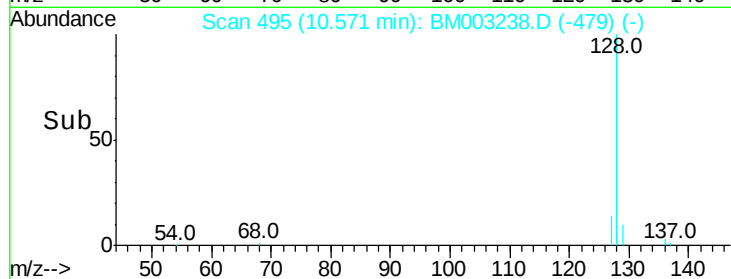
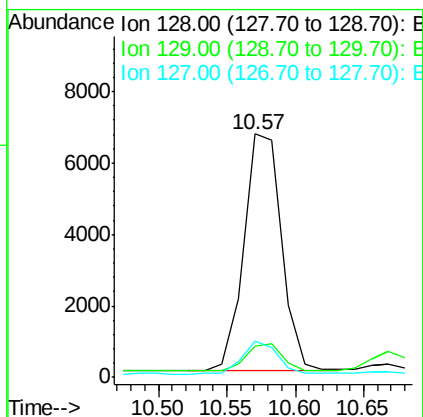
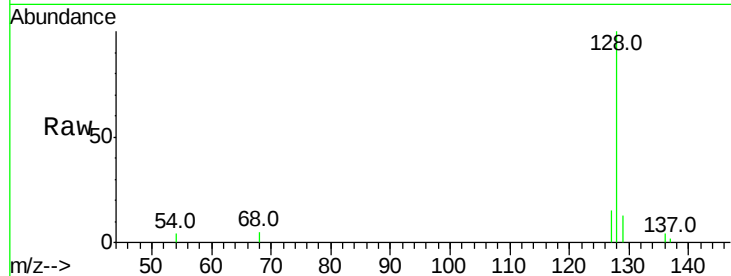
ClientSampleId :

A4HT1RX

Tot Ion:	128	Resp:	12637
Ion Ratio	Lower	Upper	
128	100		
129	12.8	9.0	13.6
127	14.9	9.6	14.4#

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#9

Acenaphthylene

Concen: 0.14 ng/ul

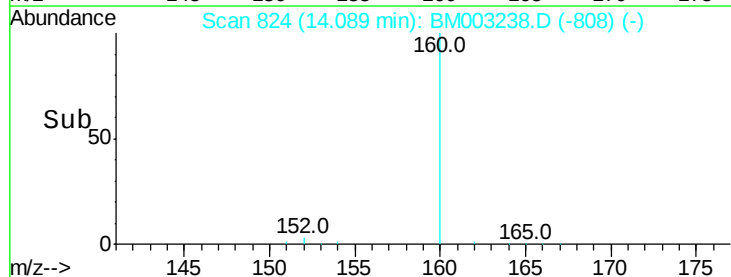
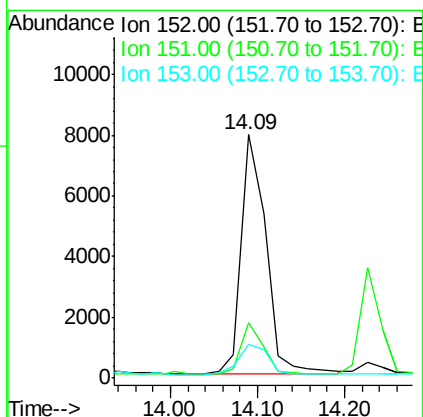
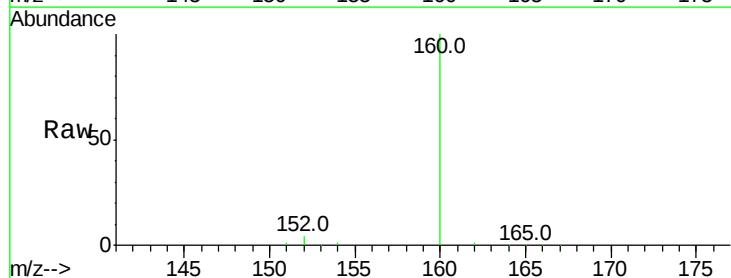
RT: 14.09 min Scan# 824

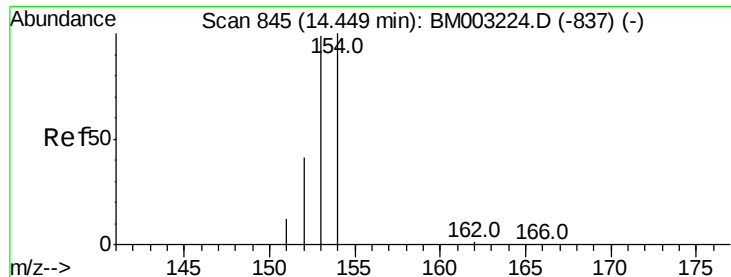
Delta R.T. -0.00 min

Lab File: BM003238.D

Acq: 21 Nov 2015 01:20

Tgt Ion:	152	Resp:	15503
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.6	26.4
153	13.9	9.7	14.5





#10

Acenaphthene

Concen: 0.04 ng/ul

RT: 14.43 min Scan# 844

Delta R.T. -0.02 min

Lab File: BM003238.D

Acq: 21 Nov 2015 01:20

Instrument :

BNA_M

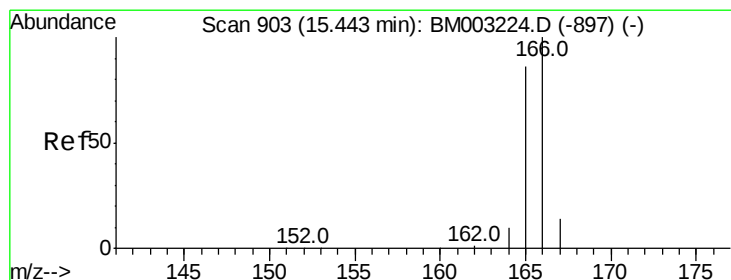
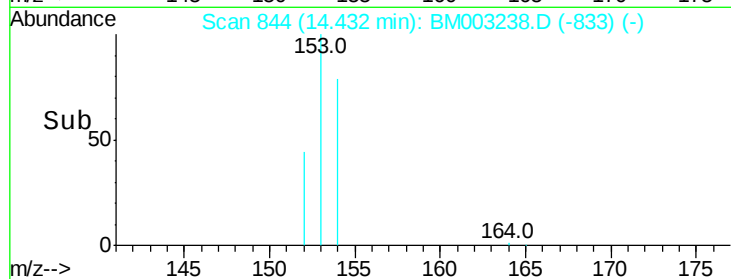
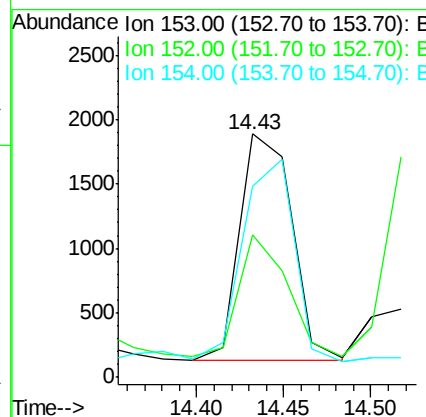
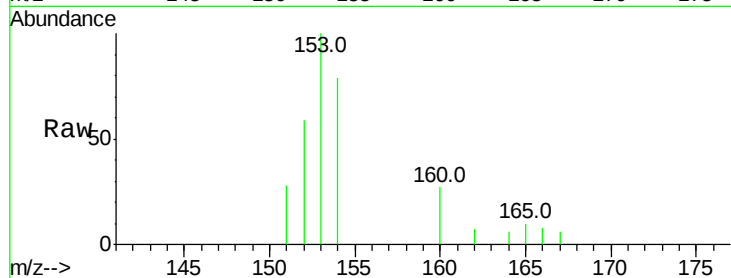
ClientSampleId :

A4HT1RX

Tot Ion:	153	Resp:	3703
Ion Ratio	Lower	Upper	
153	100		
152	58.7	33.9	50.9#
154	78.7	80.6	121.0#

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#11

Fluorene

Concen: 0.06 ng/ul

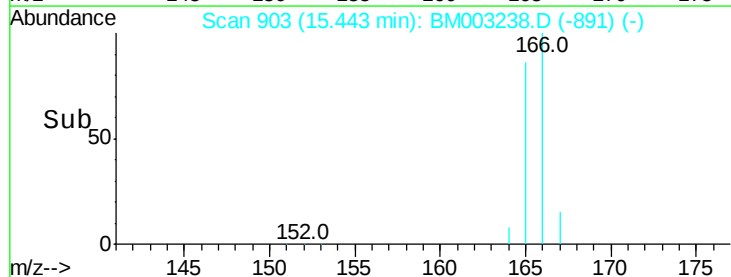
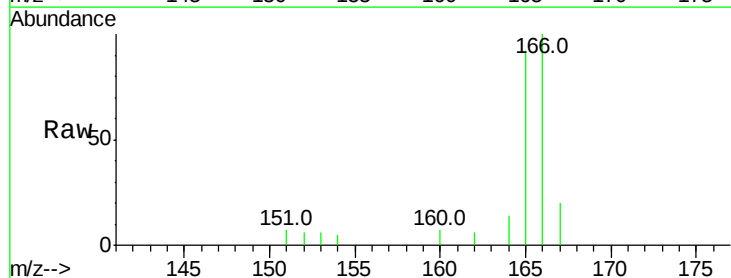
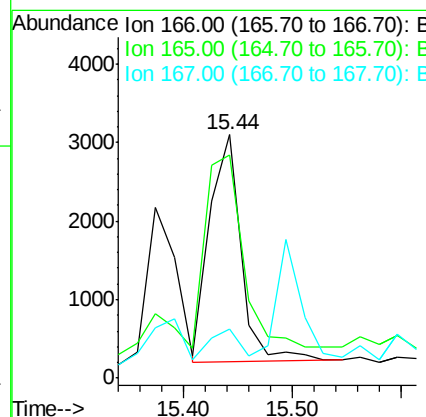
RT: 15.44 min Scan# 903

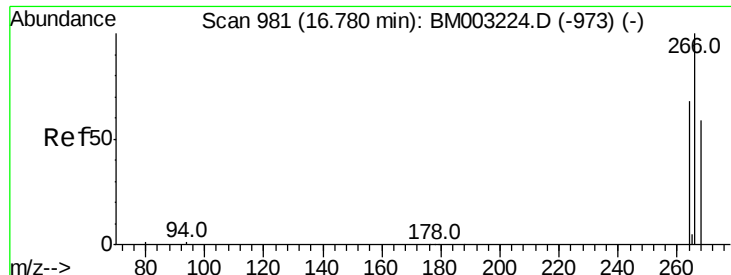
Delta R.T. -0.00 min

Lab File: BM003238.D

Acq: 21 Nov 2015 01:20

Tgt Ion:	166	Resp:	5892
Ion Ratio	Lower	Upper	
166	100		
165	91.9	69.6	104.4
167	20.0	11.9	17.9#





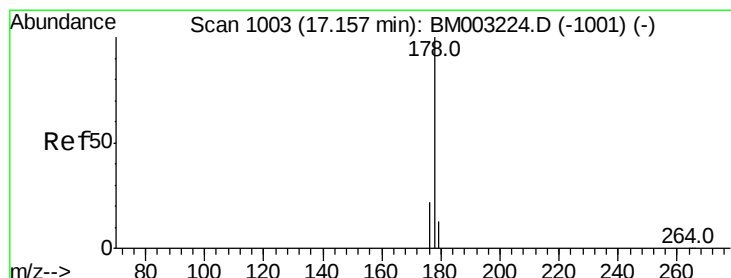
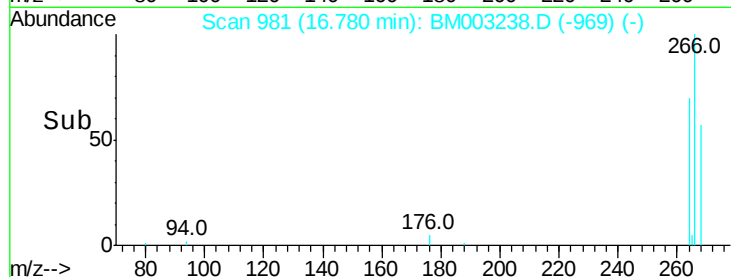
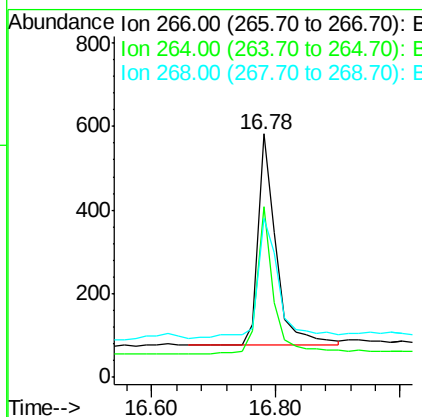
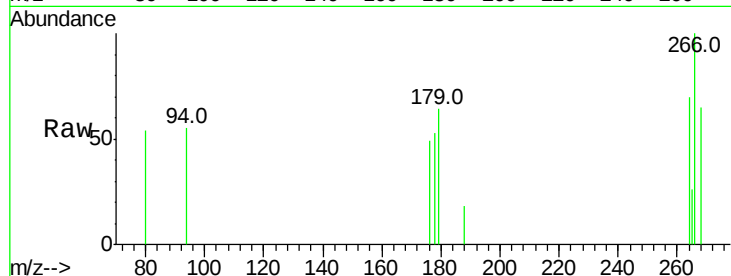
#13
 Pentachlorophenol
 Concen: 0.08 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003238.D
 Acq: 21 Nov 2015 01:20

Instrument :
 BNA_M
 ClientSampleId :
 A4HT1RX

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.7	51.8	77.8
268	67.3	46.8	70.2

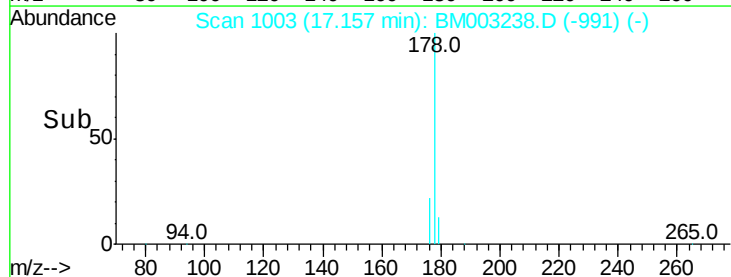
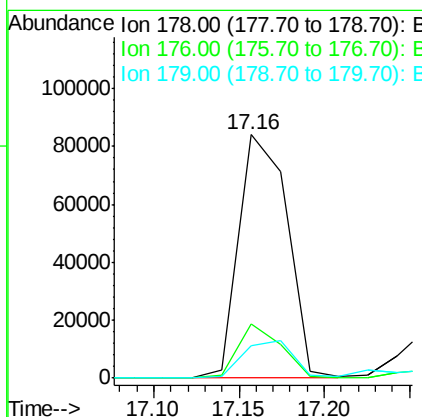
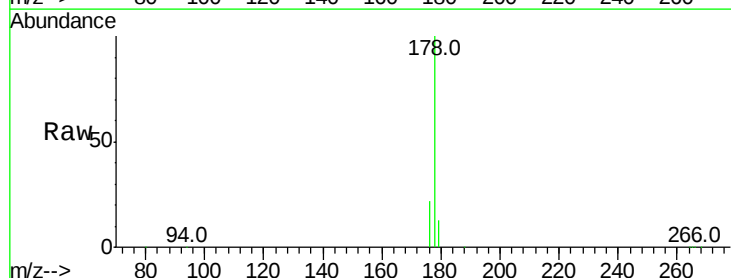
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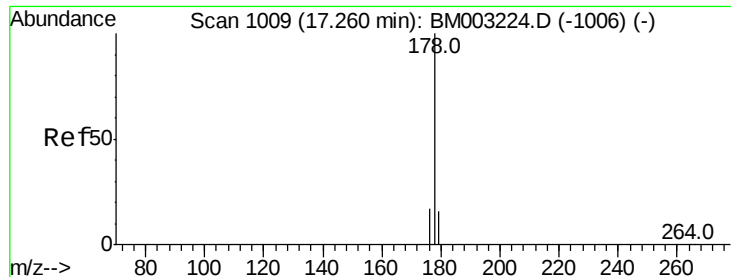
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#14
 Phenanthrene
 Concen: 1.00 ng/ul m
 RT: 17.16 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM003238.D
 Acq: 21 Nov 2015 01:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.4	13.0	19.4#
179	13.3	14.2	21.2#





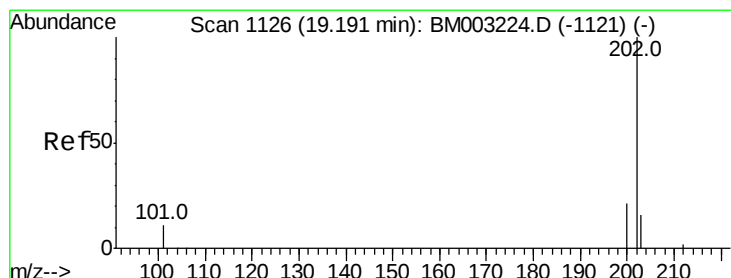
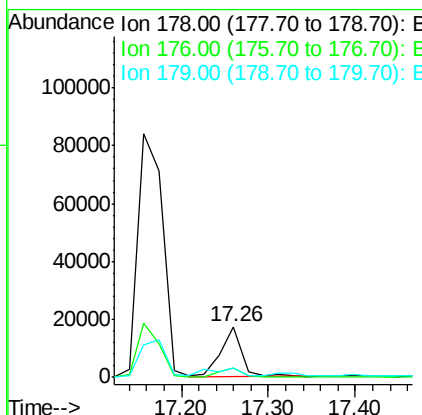
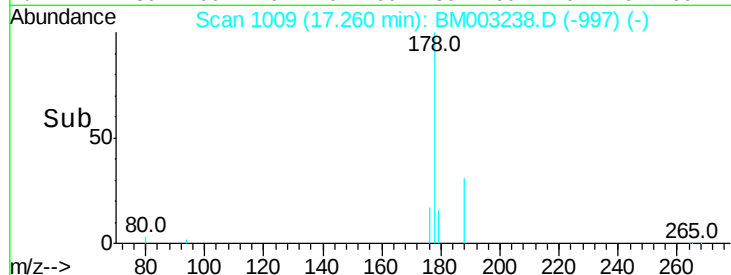
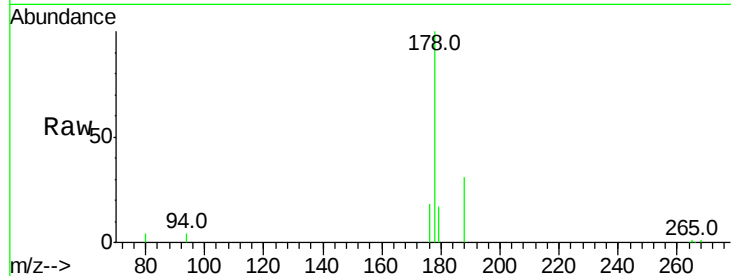
#15
 Anthracene
 Concen: 0.21 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BM003238.D
 Acq: 21 Nov 2015 01:20

Instrument :
 BNA_M
 ClientSampleId :
 A4HT1RX

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.0	21.0
179	17.4	12.9	19.3

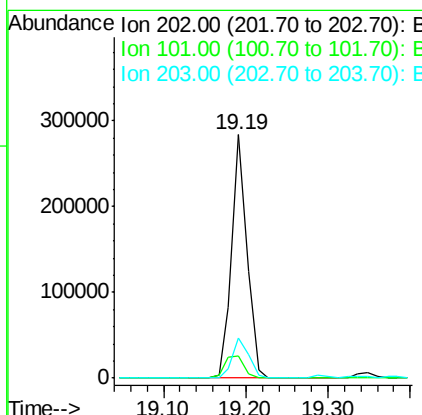
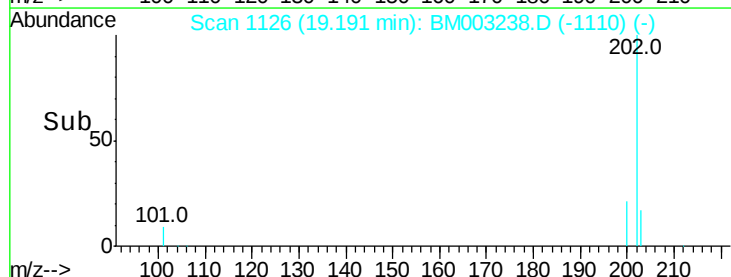
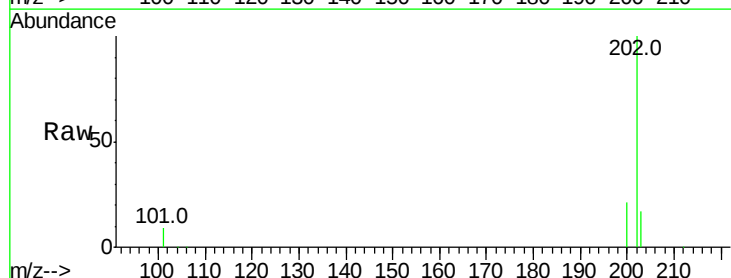
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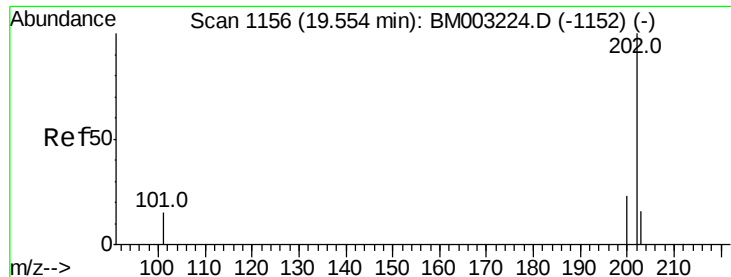
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#17
 Fluoranthene
 Concen: 2.00 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003238.D
 Acq: 21 Nov 2015 01:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.6
203	16.7	0.0	36.3





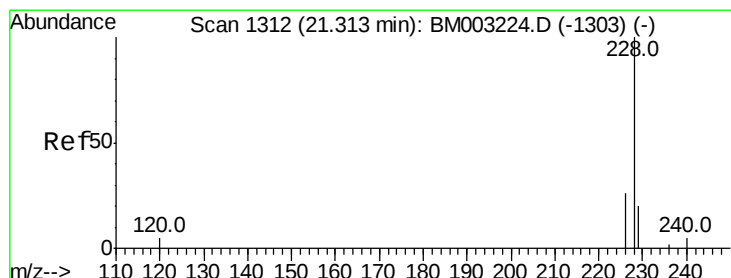
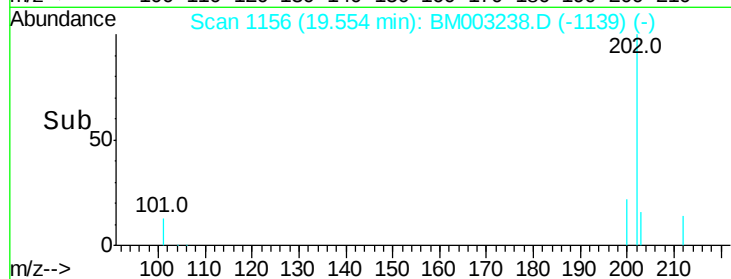
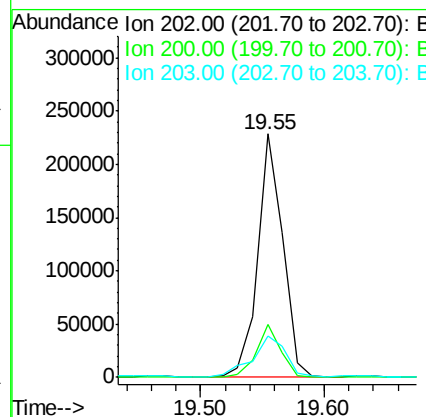
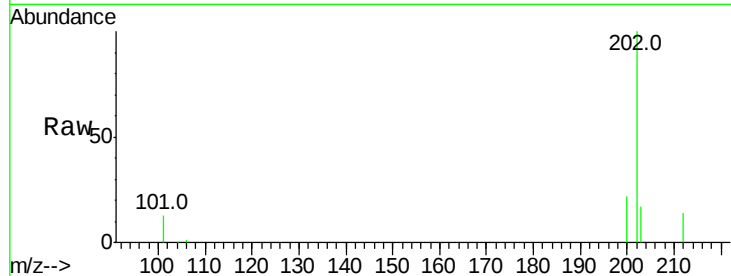
#19
Pvrene
Concen: 1.64 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003238.D
Acq: 21 Nov 2015 01:20

Instrument :
BNA_M
ClientSampleId :
A4HT1RX

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.8	26.8
203	16.9	12.8	19.2

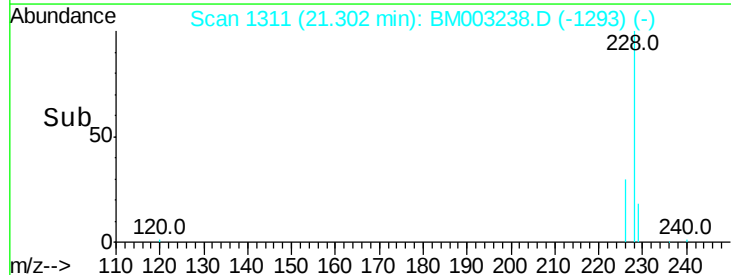
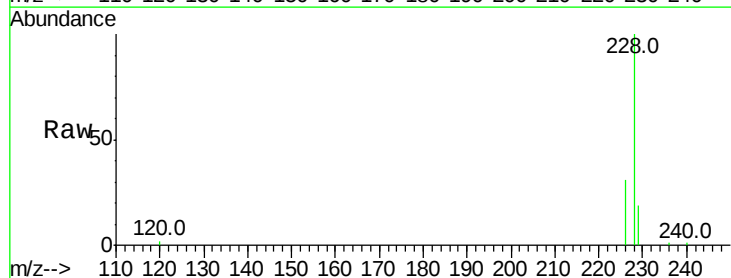
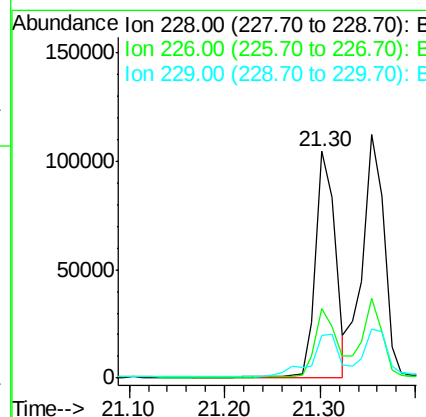
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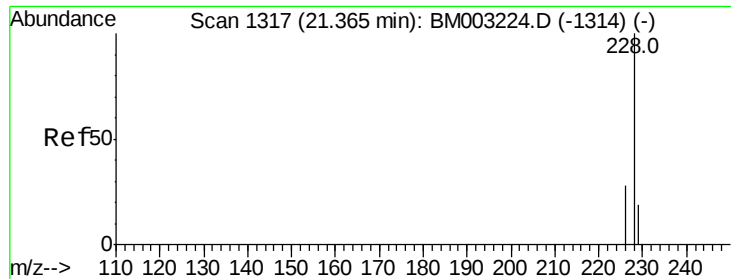
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#20
Benzo(a)anthracene
Concen: 0.89 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003238.D
Acq: 21 Nov 2015 01:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	18.8	28.2#
229	18.5	17.1	25.7





#21

Chrysene

Concen: 0.95 ng/ul m

RT: 21.35 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM003238.D

Acq: 21 Nov 2015 01:20

Instrument :

BNA_M

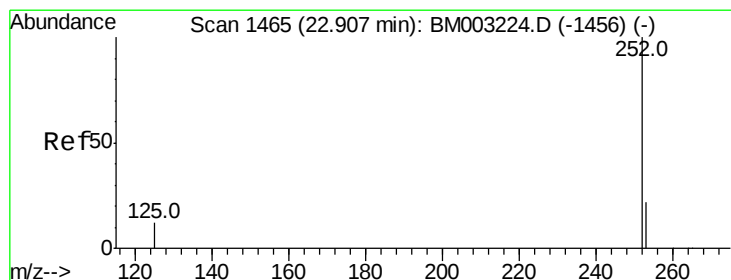
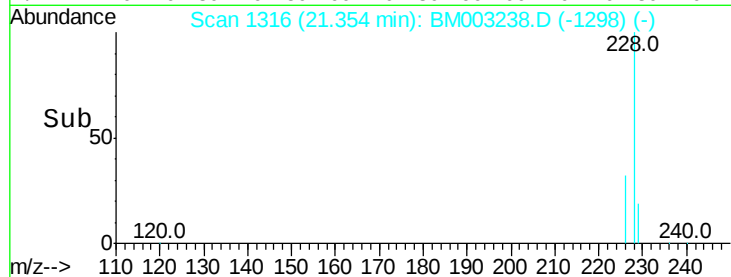
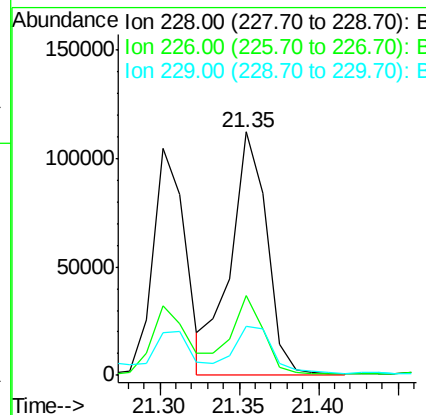
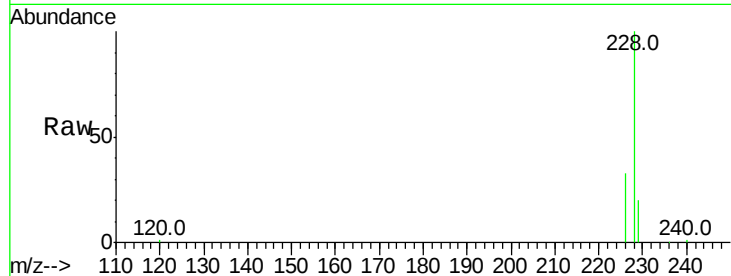
ClientSampleId :

A4HT1RX

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.5	21.2	31.8#
229	20.0	17.0	25.6

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#23

Benzo(b)fluoranthene

Concen: 1.11 ng/ul m

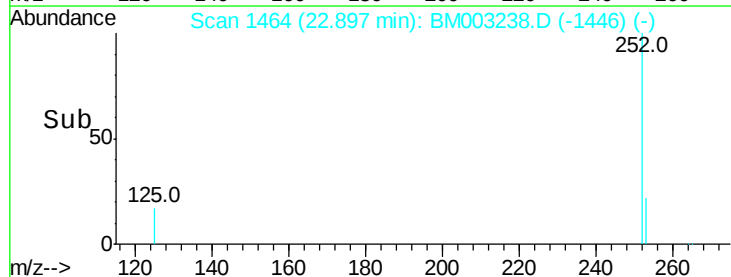
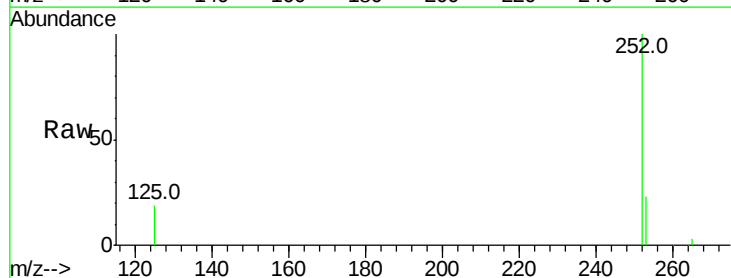
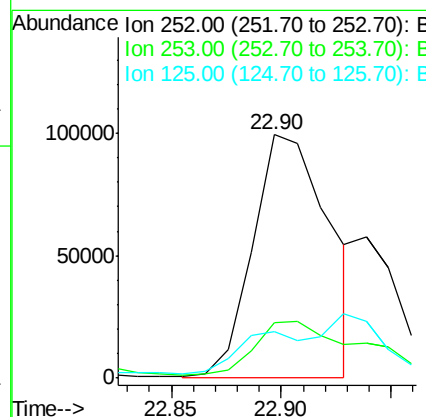
RT: 22.90 min Scan# 1464

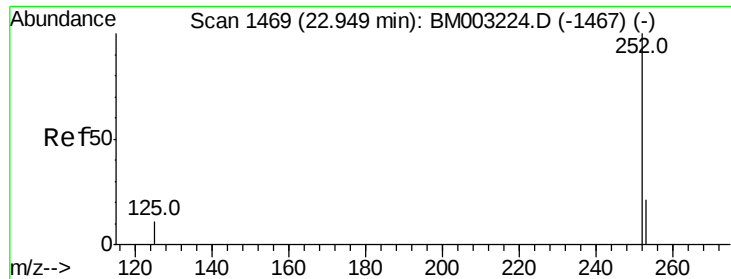
Delta R.T. -0.01 min

Lab File: BM003238.D

Acq: 21 Nov 2015 01:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	45.4
125	18.9	0.0	28.8





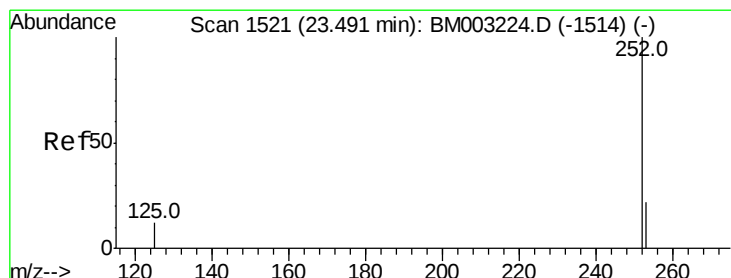
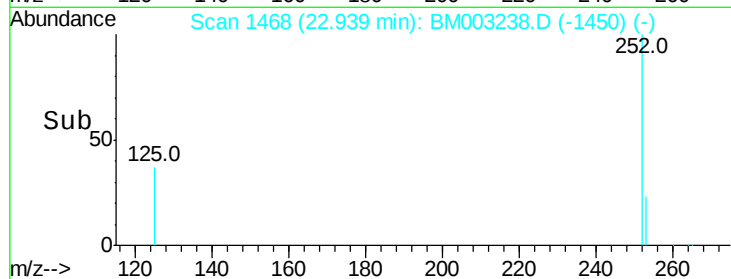
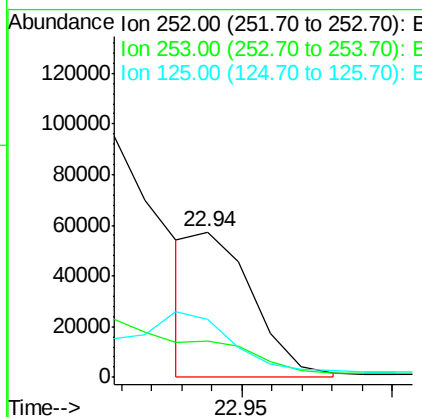
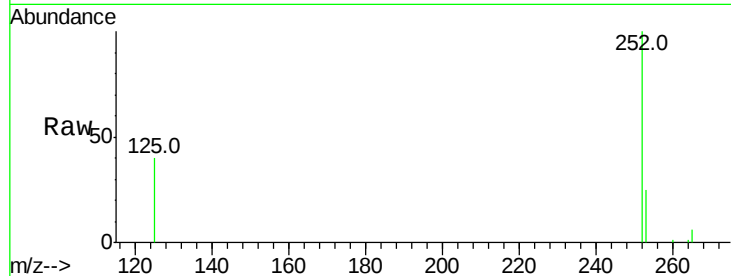
#24
Benzo(k)fluoranthene
Concen: 0.38 ng/ul m
RT: 22.94 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BM003238.D
Acq: 21 Nov 2015 01:20

Instrument :
BNA_M
ClientSampleId :
A4HT1RX

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	19.8	29.8
125	40.0	10.4	15.6

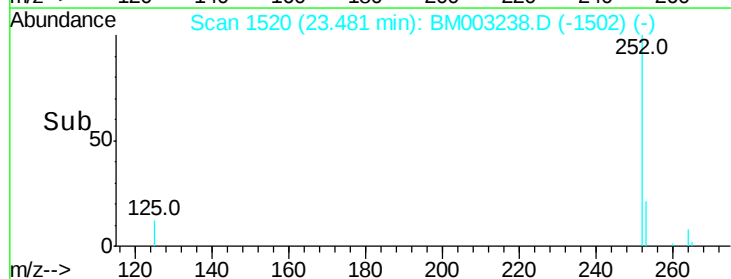
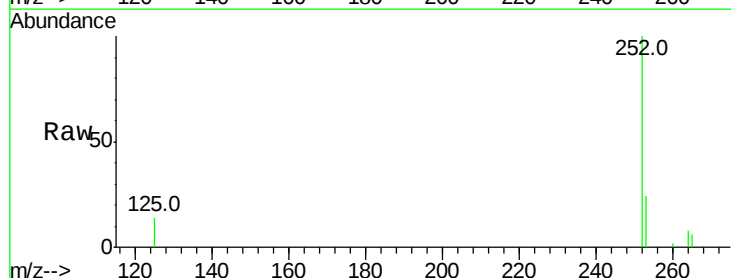
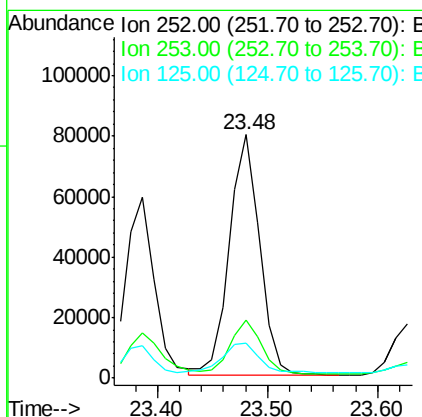
Manual Integrations
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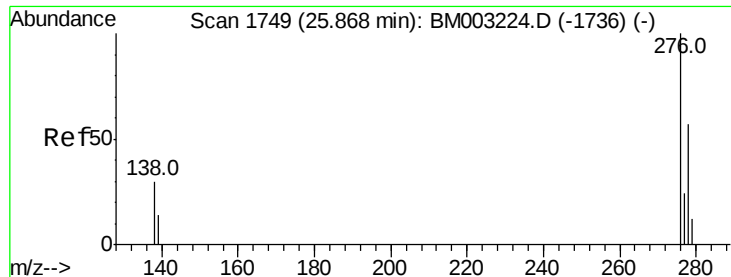
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#25
Benzo(a)pyrene
Concen: 0.78 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BM003238.D
Acq: 21 Nov 2015 01:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	14.2	12.7	19.1





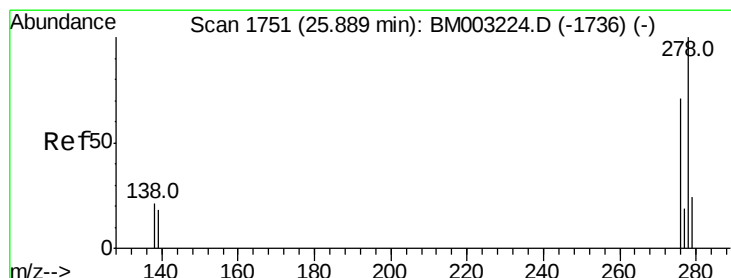
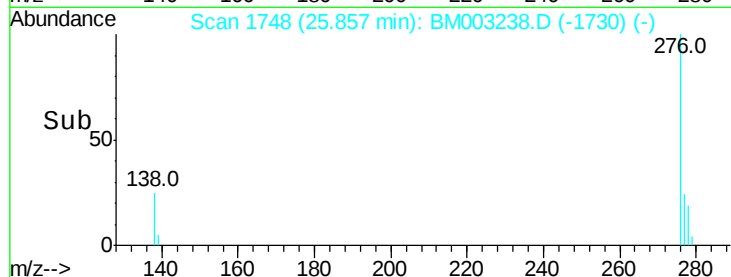
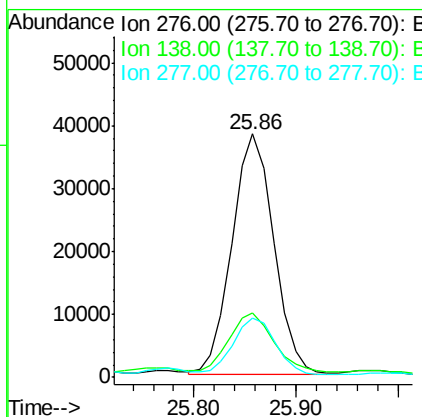
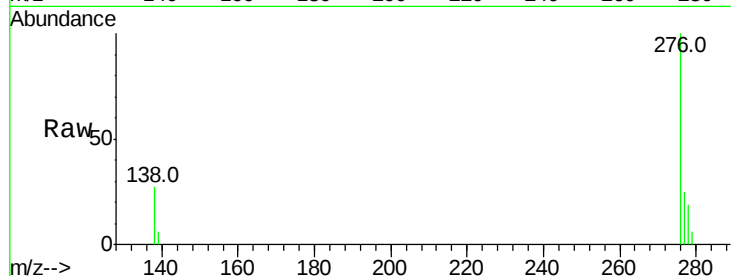
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.47 ng/ul
 RT: 25.86 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM003238.D
 Acq: 21 Nov 2015 01:20

Instrument :
 BNA_M
 ClientSampleId :
 A4HT1RX

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.3	24.5#
277	23.9	19.8	29.8

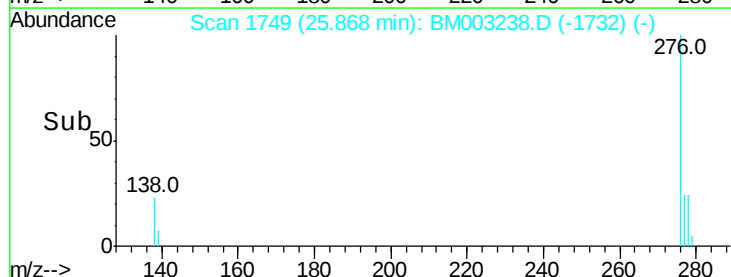
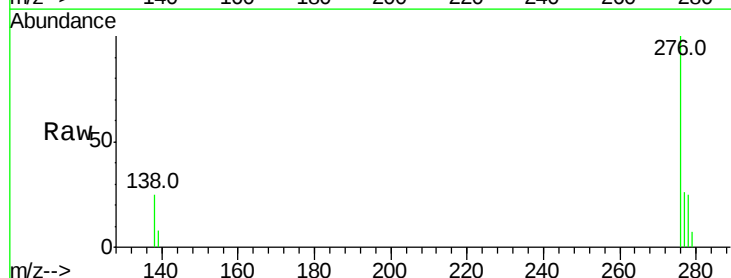
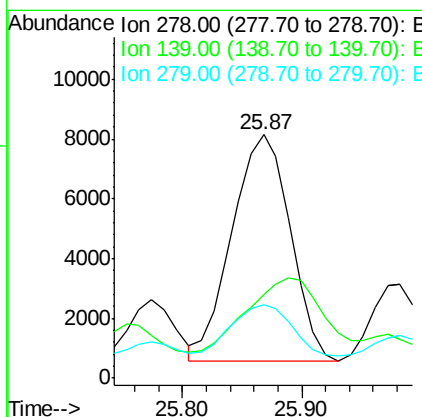
Manual Integrations
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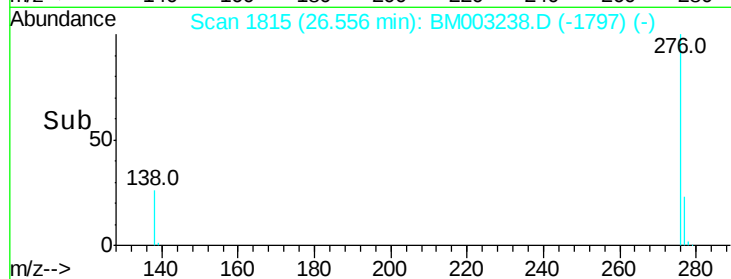
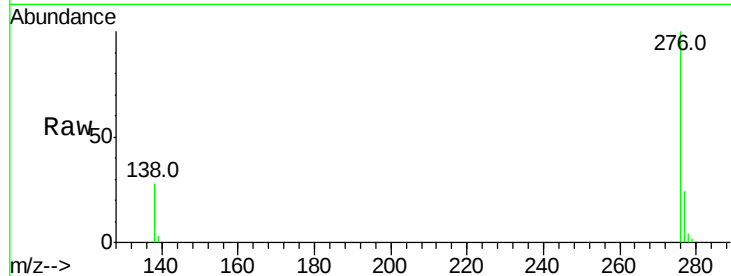
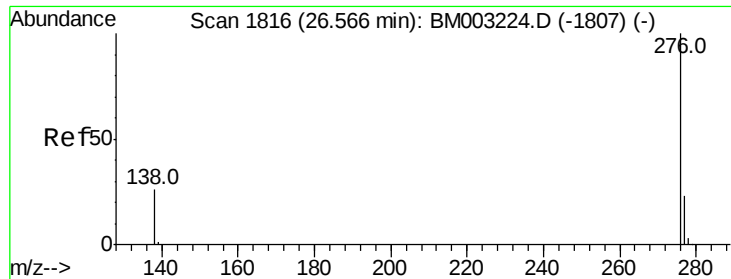
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#27
 Dibenzo(a,h)anthracene
 Concen: 0.14 ng/ul
 RT: 25.87 min Scan# 1749
 Delta R.T. -0.02 min
 Lab File: BM003238.D
 Acq: 21 Nov 2015 01:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	34.2	16.4	24.6#
279	30.3	20.2	30.2#





#28

Benzo(a,h,i)perylene

Concen: 0.46 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM003238.D

Acq: 21 Nov 2015 01:20

Instrument :

BNA_M

ClientSampleId :

A4HT1RX

Tot Ion:	276	Resp:	92728
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.9	28.3
138	27.6	22.5	33.7

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