

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003258.D
 Acq On : 21 Nov 2015 21:05
 Operator : UM/IZ
 Sample : G4323-31
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J60

Manual Integrations
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 11/23/2015 7:04:19 PM

Quant Time: Nov 22 04:59:57 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 : Sun Nov 22 04:42:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	12633	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	51996	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.38	164	30087	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	61182	0.40	ng/ul	0.00
18) Chrysene-d12	21.32	240	57884	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	59412	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	45628	3.38	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	11960	0.17	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	20400	0.14	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	11931	0.09	ng/ul#	95
7) 2-Methylnaphthalene	12.19	142	4397	0.05	ng/ul#	100
9) Acenaphthylene	14.09	152	24474	0.20	ng/ul	98
10) Acenaphthene	14.43	153	7295	0.07	ng/ul#	78
13) Pentachlorophenol	16.78	266	1059	0.07	ng/ul	94
14) Phenanthrene	17.16	178	260895m	1.47	ng/ul	
15) Anthracene	17.26	178	42599	0.29	ng/ul	98
17) Fluoranthene	19.19	202	581463	2.95	ng/ul	99
19) Pyrene	19.55	202	529460	2.67	ng/ul	99
20) Benzo(a)anthracene	21.30	228	249407	1.49	ng/ul#	89
21) Chrysene	21.35	228	272653m	1.44	ng/ul	
23) Benzo(b)fluoranthene	22.91	252	373355m	1.65	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	141525m	0.66	ng/ul	
25) Benzo(a)pyrene	23.48	252	242049	1.20	ng/ul	97
26) Indeno(1,2,3-cd)pyrene	25.86	276	171724	0.72	ng/ul#	93
27) Dibenzo(a,h)anthracene	25.87	278	40596	0.21	ng/ul#	90
28) Benzo(g,h,i)perylene	26.56	276	162926	0.77	ng/ul	99

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

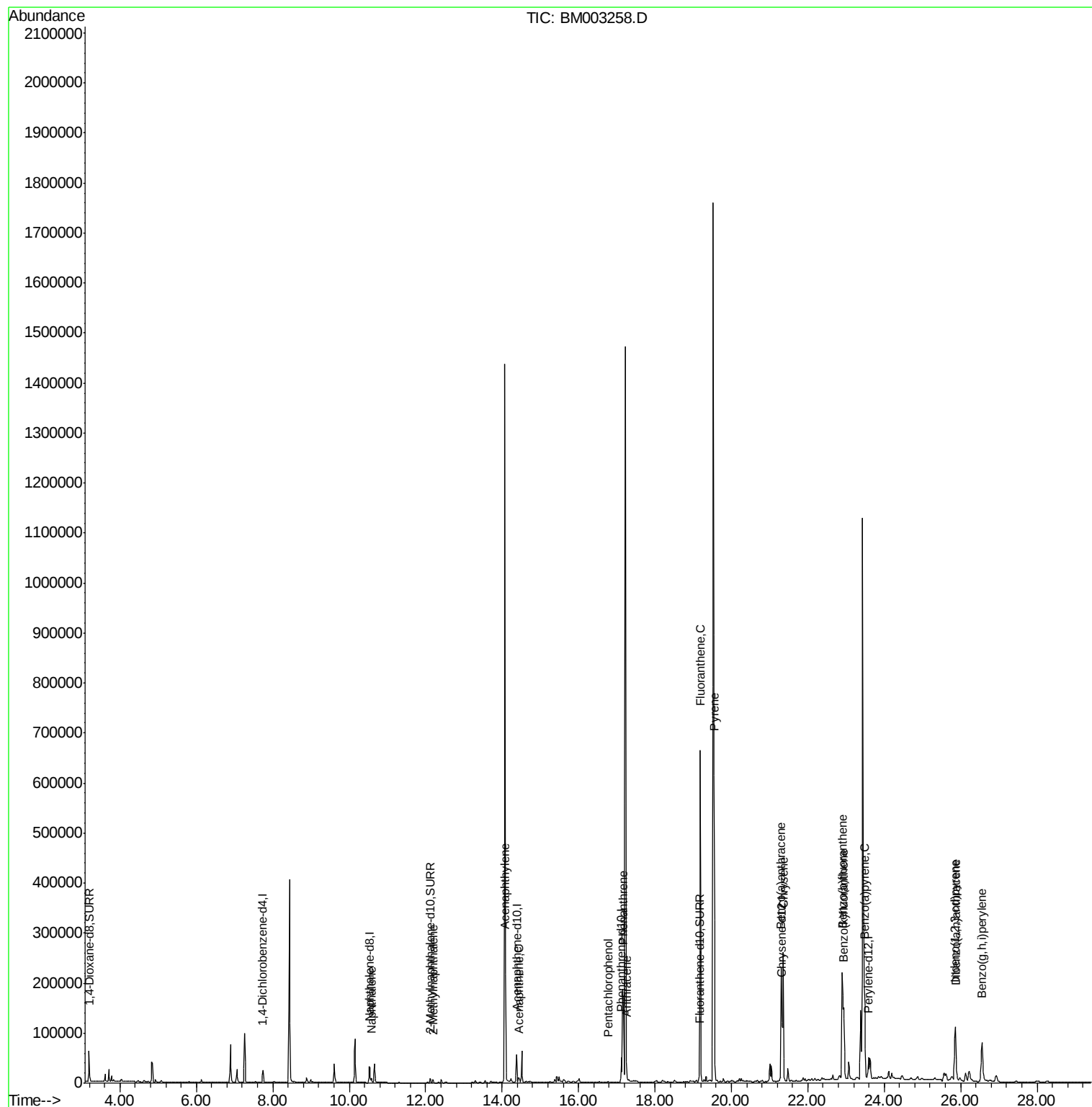
Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
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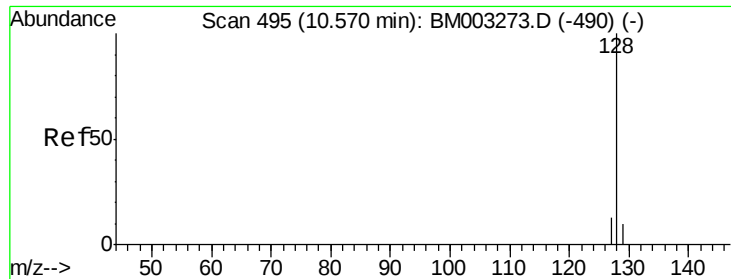
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QLast Update : Sun Nov 22 04:42:03 2015
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#5

Naphthalene

Concen: 0.09 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003258.D

Acq: 21 Nov 2015 21:05

Instrument :

BNA_M

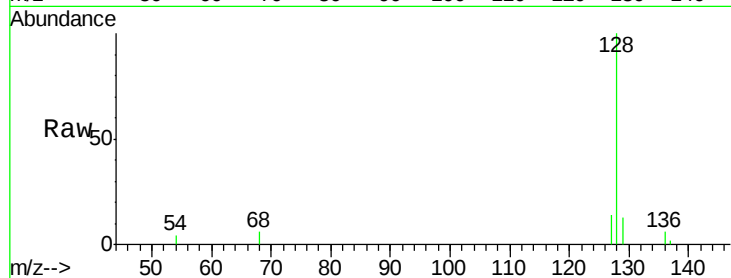
ClientSampleId :

A4J60

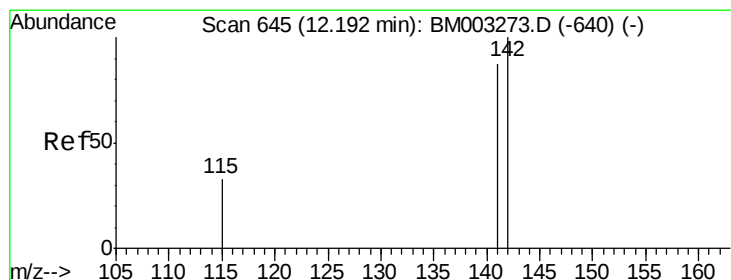
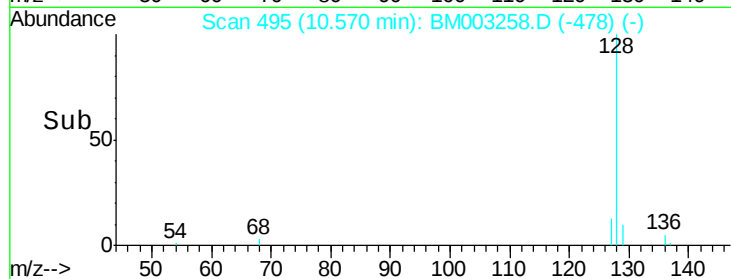
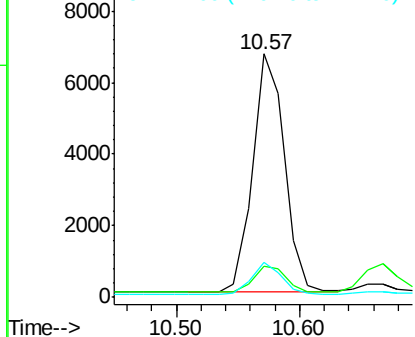
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Tot Ion:	128	Resp:	11931
Ion Ratio	Lower	Upper	
128	100		
129	12.6	9.0	13.6
127	14.4	9.6	14.4#



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: 0.05 ng/ul

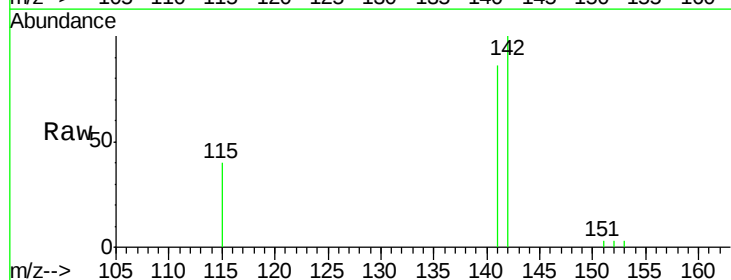
RT: 12.19 min Scan# 645

Delta R.T. -0.00 min

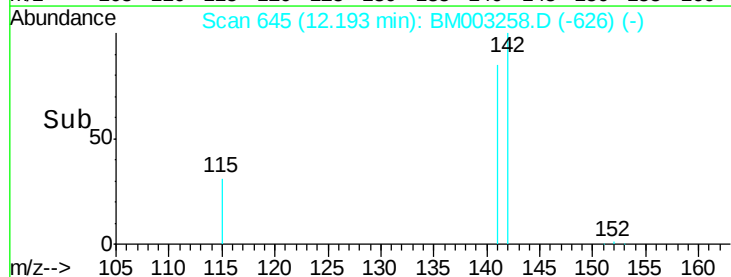
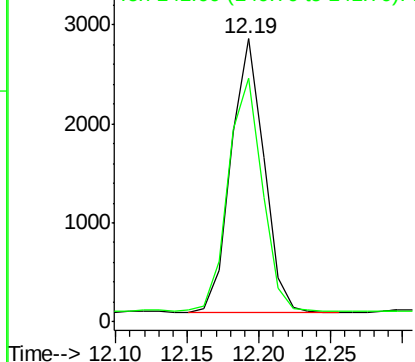
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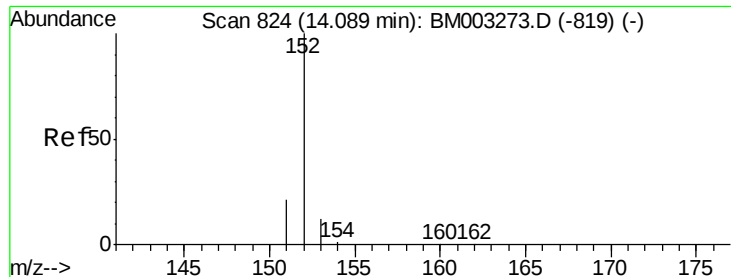
Acq: 21 Nov 2015 21:05

Tgt Ion:	142	Resp:	4397
Ion Ratio	Lower	Upper	
142	100		
141	89.5	0.0	0.0#



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





#9

Acenaphthylene

Concen: 0.20 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003258.D

Acq: 21 Nov 2015 21:05

Instrument :

BNA_M

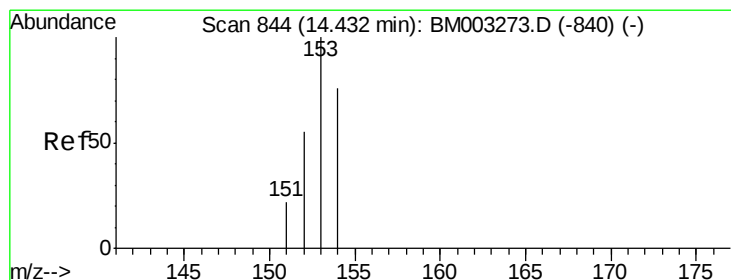
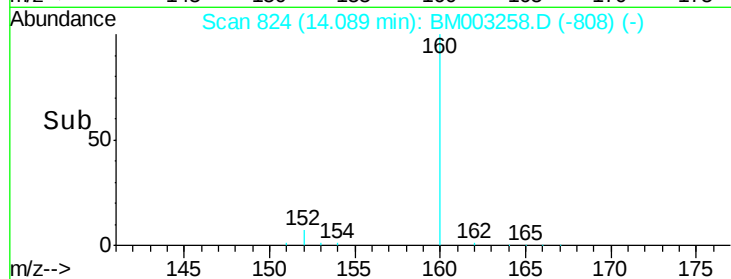
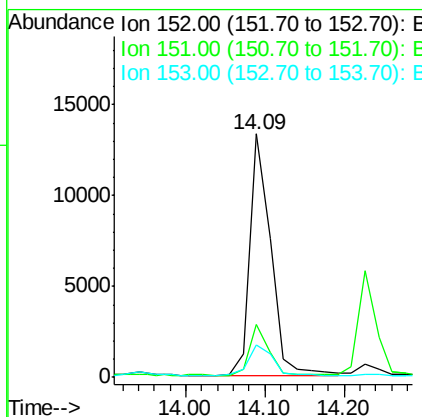
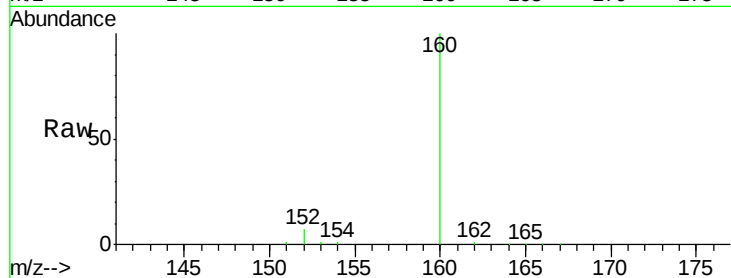
ClientSampleId :

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Tot Ion:	152	Resp:	24474
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.6	26.4
153	13.3	9.7	14.5



#10

Acenaphthene

Concen: 0.07 ng/ul

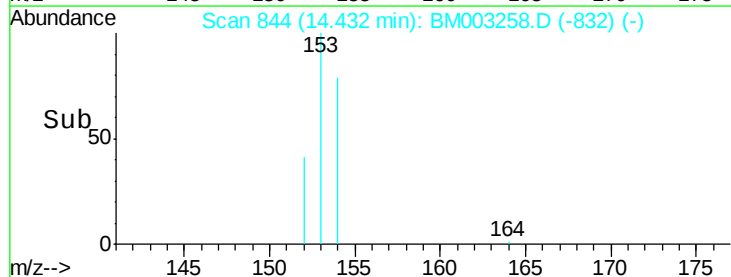
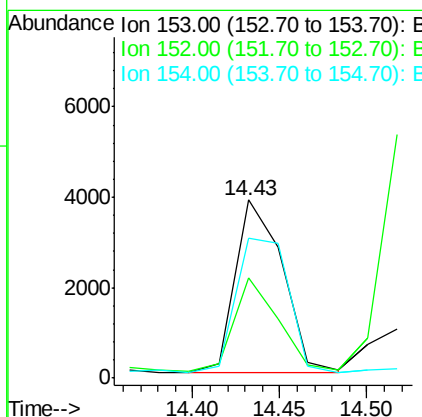
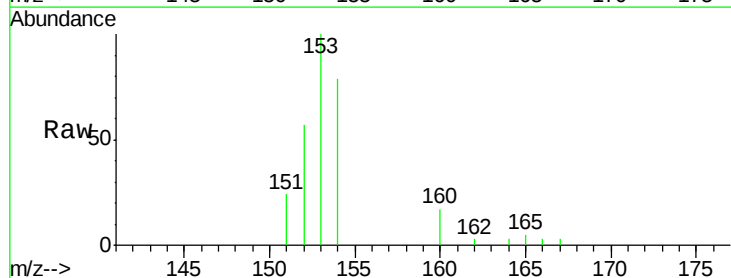
RT: 14.43 min Scan# 844

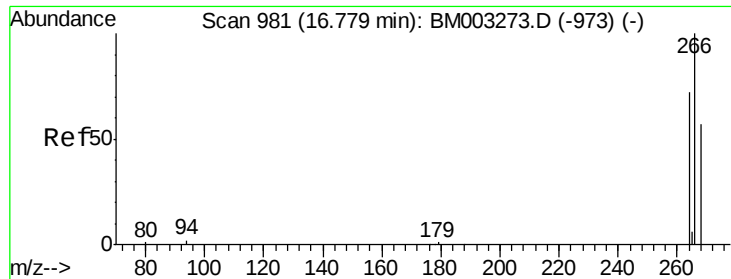
Delta R.T. -0.00 min

Lab File: BM003258.D

Acq: 21 Nov 2015 21:05

Tgt Ion:	153	Resp:	7295
Ion Ratio	Lower	Upper	
153	100		
152	56.7	33.9	50.9#
154	78.6	80.6	121.0#





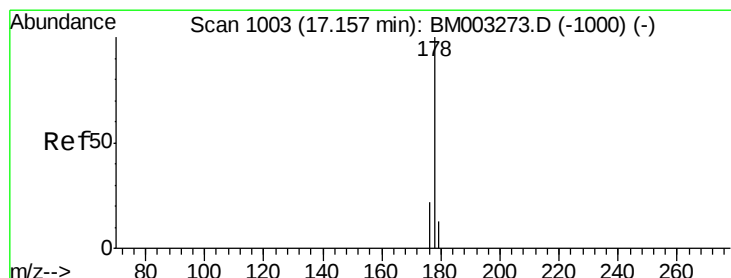
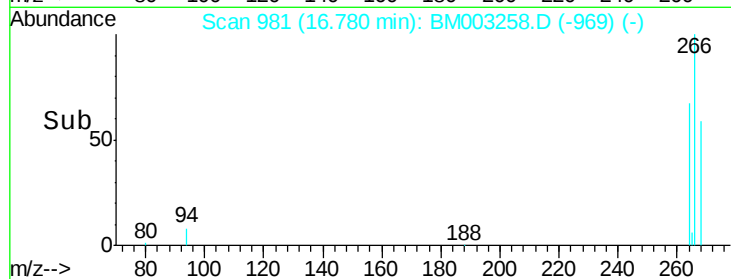
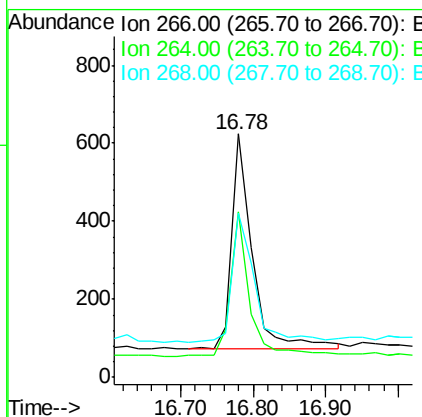
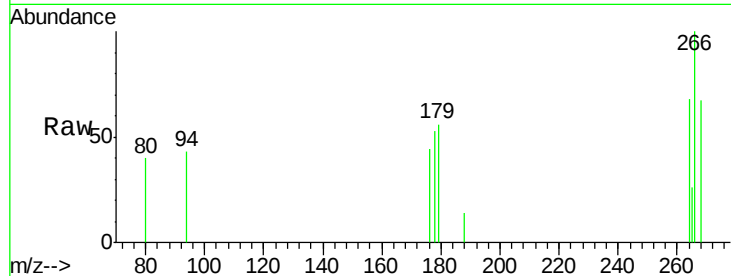
#13
 Pentachlorophenol
 Concen: 0.07 ng/ul
 RT: 16.78 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BM003258.D
 Acq: 21 Nov 2015 21:05

Instrument :
 BNA_M
 ClientSampleId :
 A4J60

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.6	51.8	77.8
268	66.6	46.8	70.2

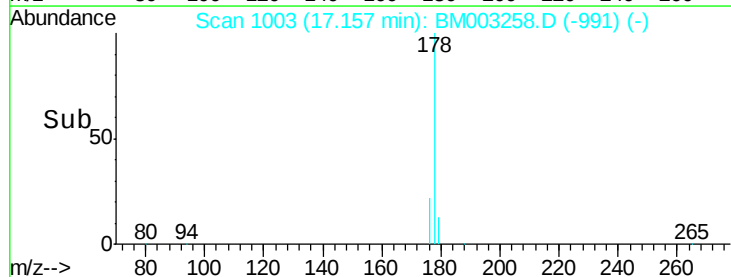
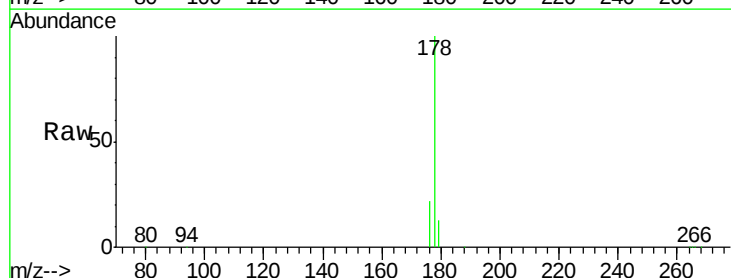
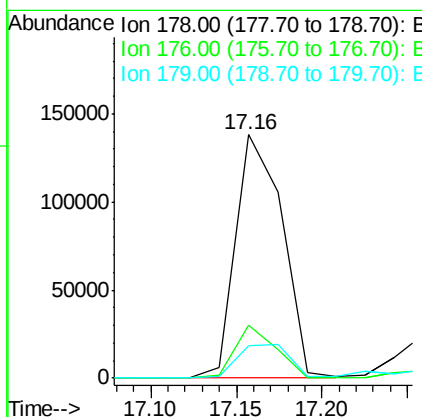
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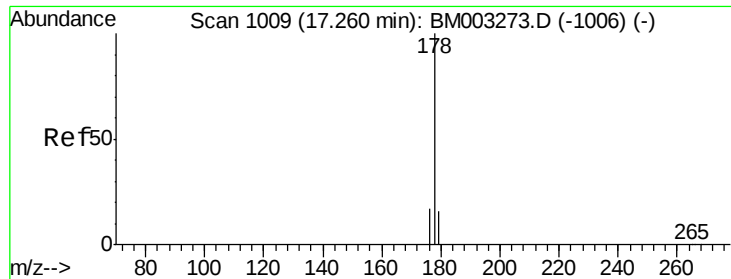
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#14
 Phenanthrene
 Concen: 1.47 ng/ul m
 RT: 17.16 min Scan# 1003
 Delta R.T. -0.00 min
 Lab File: BM003258.D
 Acq: 21 Nov 2015 21:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.9	13.0	19.4#
179	13.4	14.2	21.2#





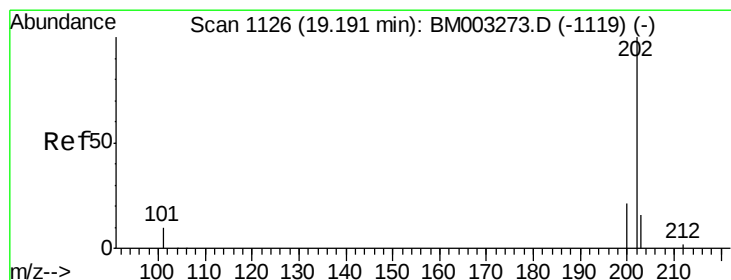
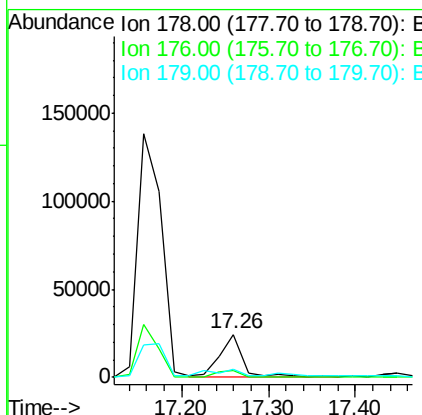
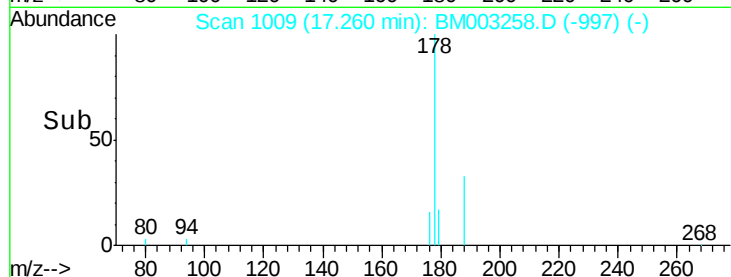
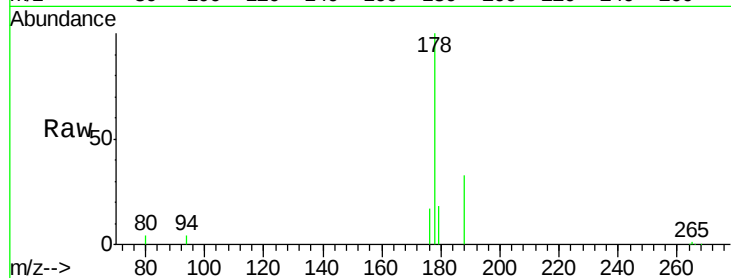
#15
 Anthracene
 Concen: 0.29 ng/ul
 RT: 17.26 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BM003258.D
 Acq: 21 Nov 2015 21:05

Instrument :
 BNA_M
 ClientSampleId :
 A4J60

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.0	14.0	21.0
179	17.6	12.9	19.3

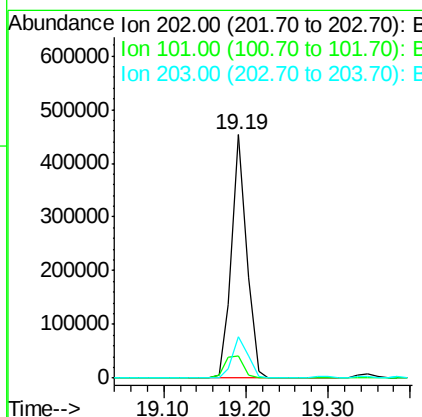
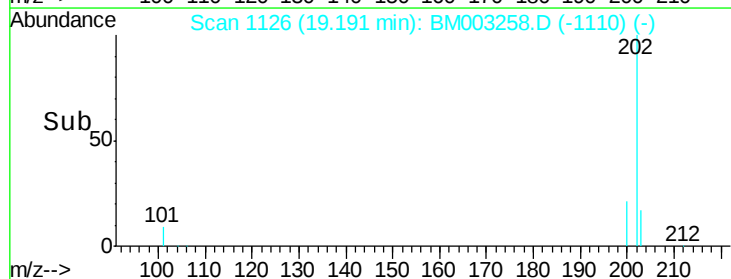
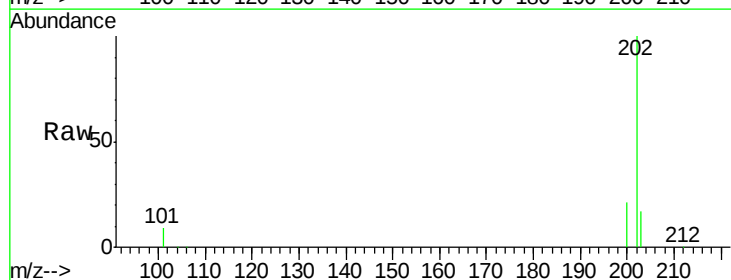
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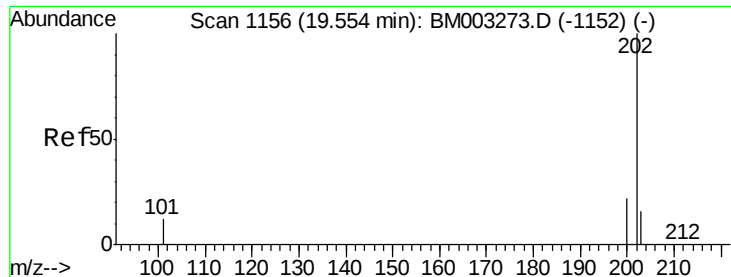
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#17
 Fluoranthene
 Concen: 2.95 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003258.D
 Acq: 21 Nov 2015 21:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.6
203	16.8	0.0	36.3





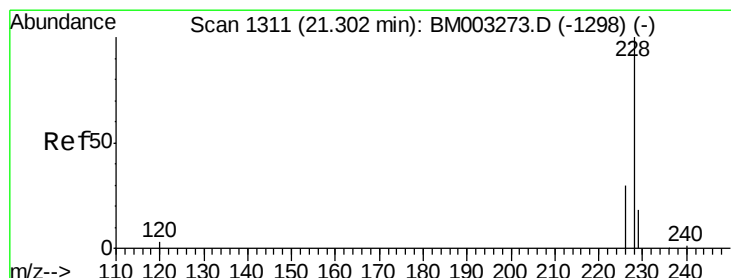
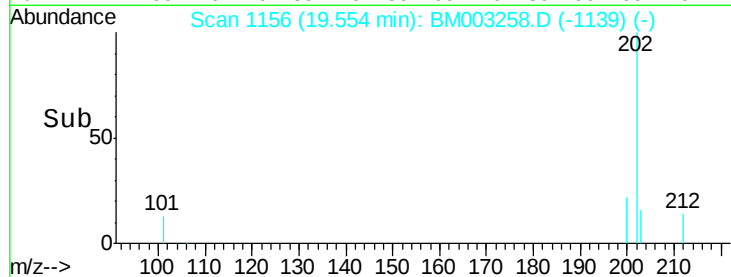
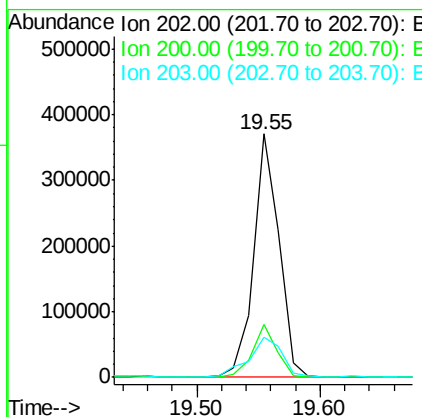
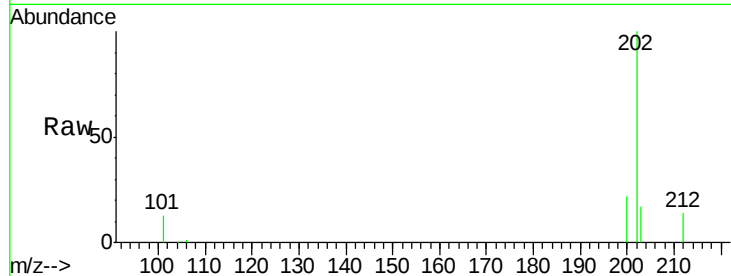
#19
Pvrene
Concen: 2.67 ng/ul
RT: 19.55 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BM003258.D
Acq: 21 Nov 2015 21:05

Instrument :
BNA_M
ClientSampleId :
A4J60

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.8	26.8
203	16.7	12.8	19.2

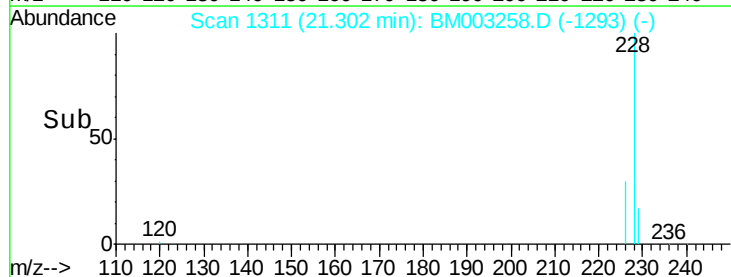
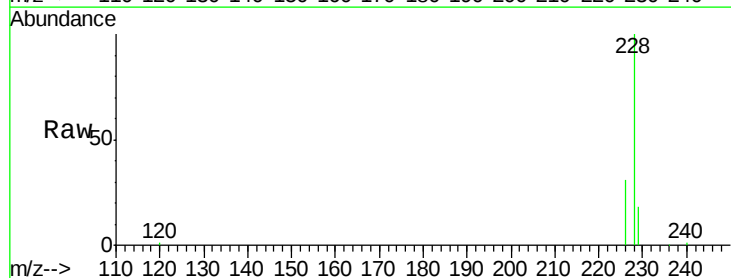
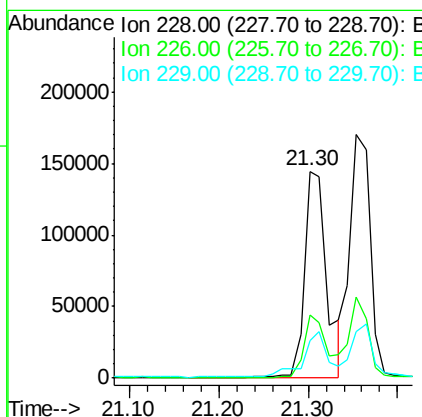
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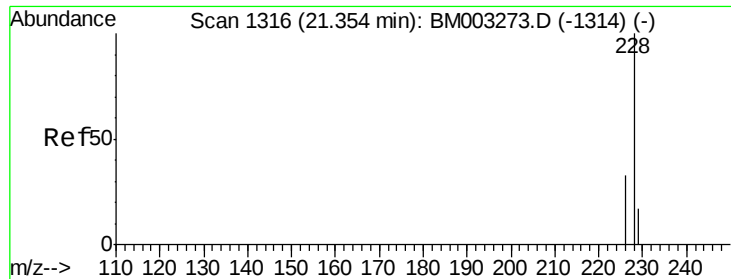
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#20
Benzo(a)anthracene
Concen: 1.49 ng/ul
RT: 21.30 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BM003258.D
Acq: 21 Nov 2015 21:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.5	18.8	28.2#
229	18.3	17.1	25.7





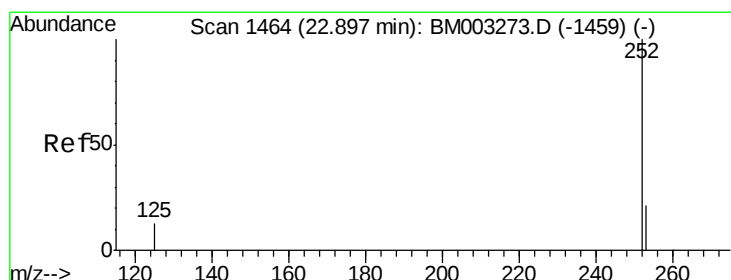
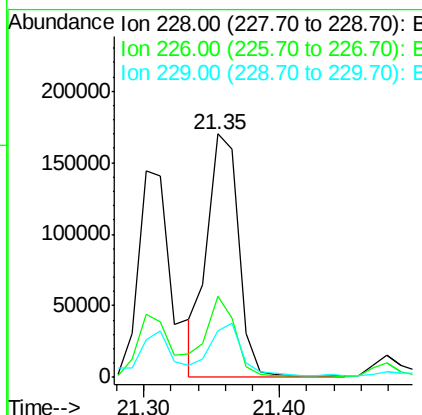
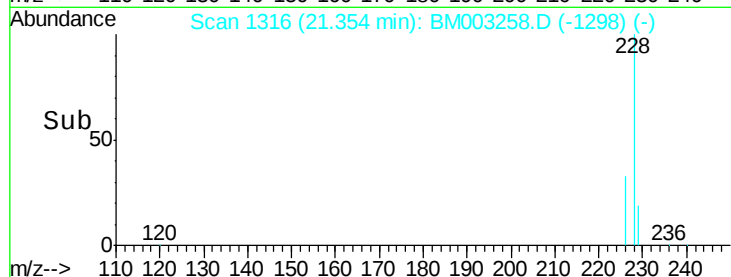
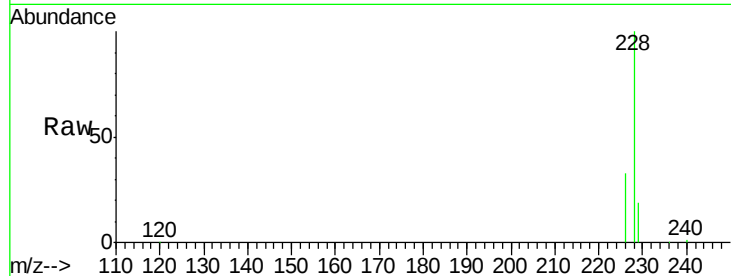
#21
Chrysene
Concen: 1.44 ng/ul m
RT: 21.35 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BM003258.D
Acq: 21 Nov 2015 21:05

Instrument :
BNA_M
ClientSampleId :
A4J60

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	21.2	31.8#
229	19.2	17.0	25.6

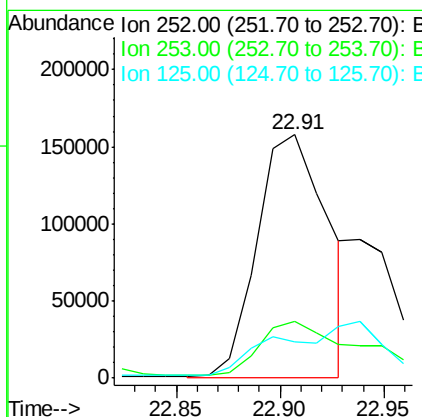
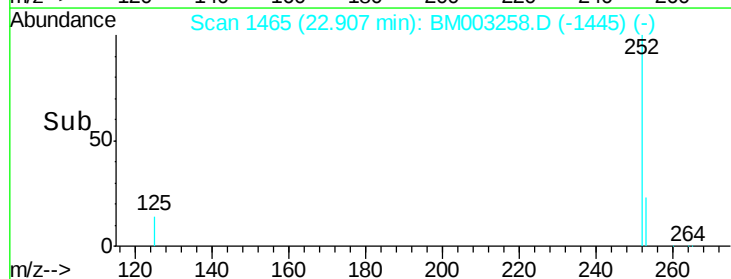
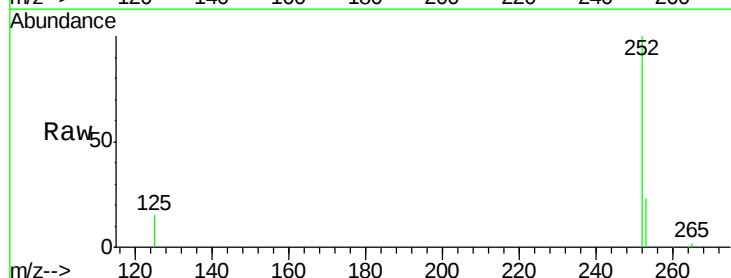
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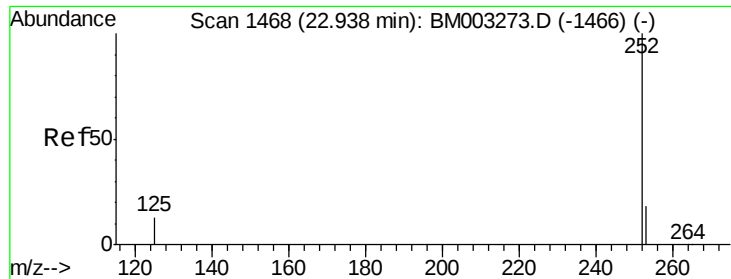
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#23
Benzo(b)fluoranthene
Concen: 1.65 ng/ul m
RT: 22.91 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BM003258.D
Acq: 21 Nov 2015 21:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	45.4
125	14.6	0.0	28.8





#24

Benzo(k)fluoranthene

Concen: 0.66 ng/ul m

RT: 22.94 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM003258.D

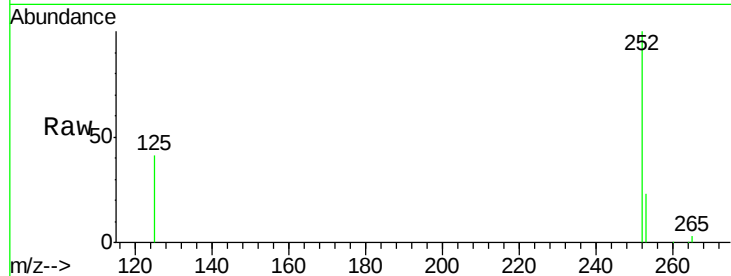
Acq: 21 Nov 2015 21:05

Instrument :

BNA_M

ClientSampleId :

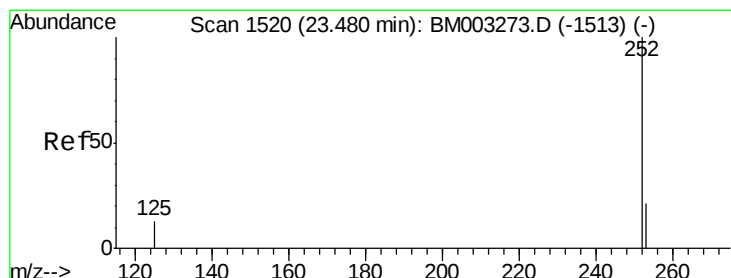
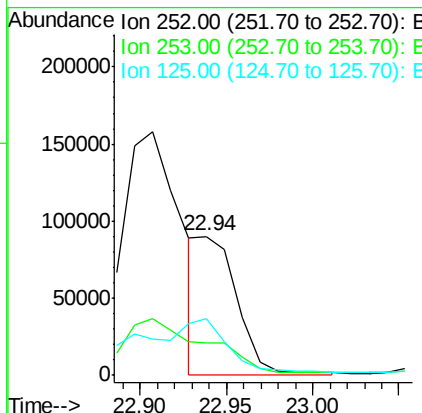
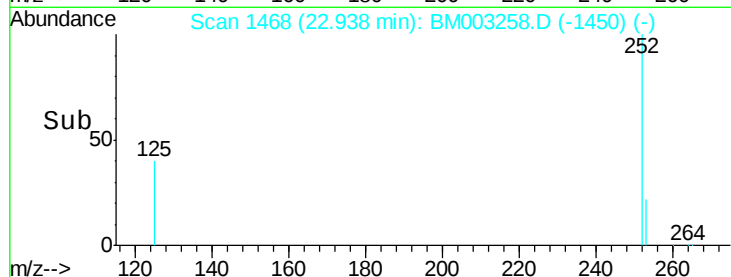
A4J60



Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.8	29.8
125	40.9	10.4	15.6

Manual Integrations
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#25

Benzo(a)pyrene

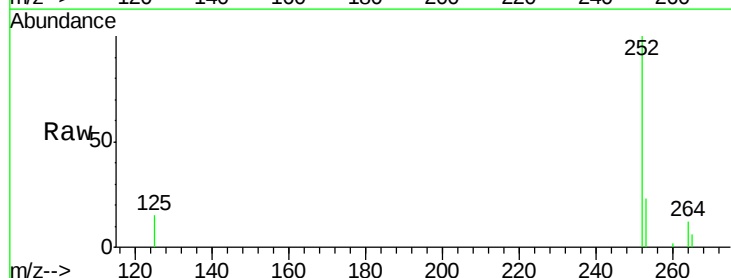
Concen: 1.20 ng/ul

RT: 23.48 min Scan# 1520

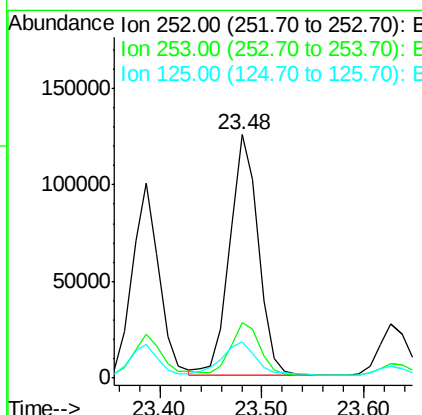
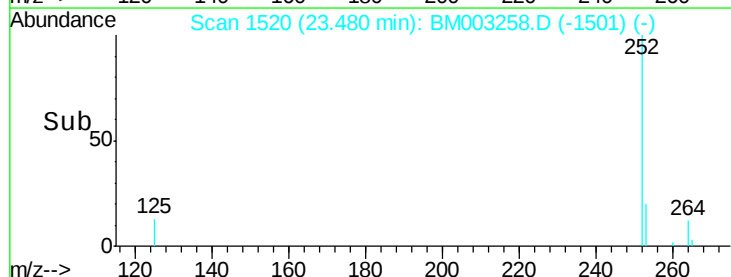
Delta R.T. -0.00 min

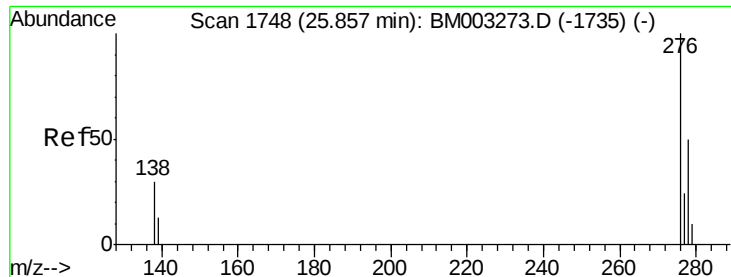
Lab File: BM003258.D

Acq: 21 Nov 2015 21:05



Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.4	29.2
125	14.7	12.7	19.1





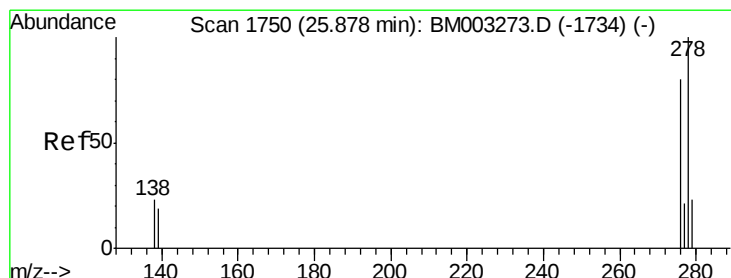
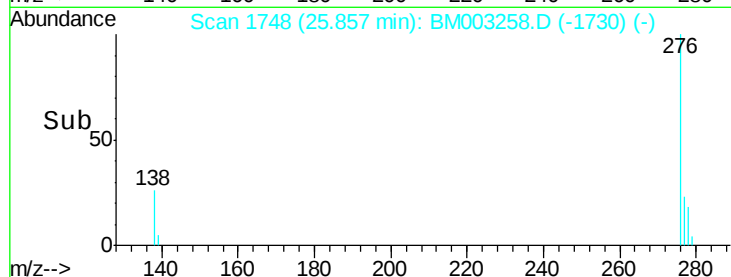
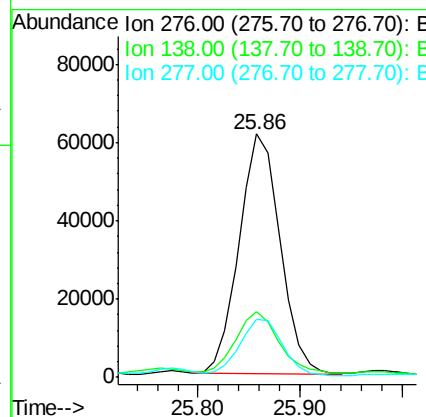
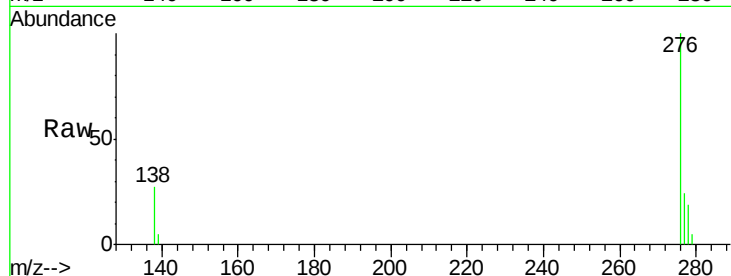
#26
 Indeno(1,2,3-cd)pyrene
 Concen: 0.72 ng/ul
 RT: 25.86 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BM003258.D
 Acq: 21 Nov 2015 21:05

Instrument :
 BNA_M
 ClientSampleId :
 A4J60

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	16.3	24.5#
277	24.2	19.8	29.8

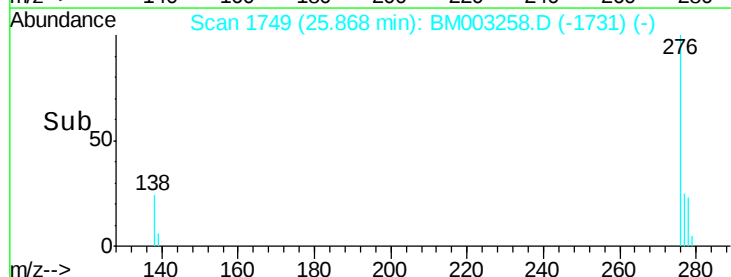
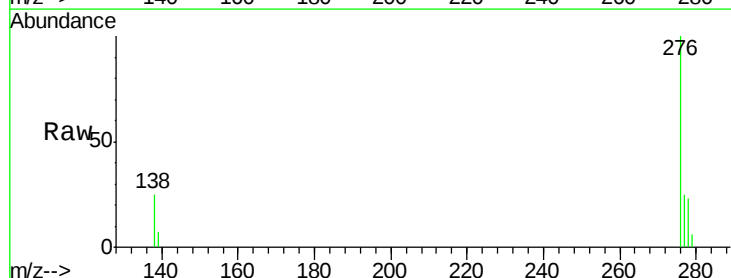
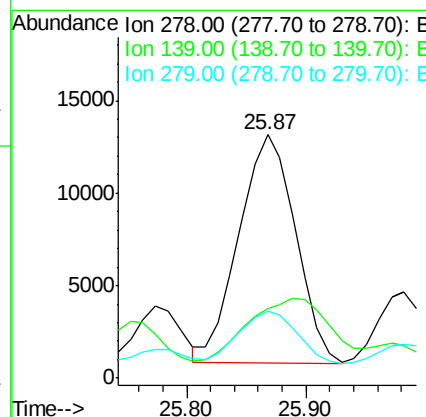
Manual Integrations
 APPROVED

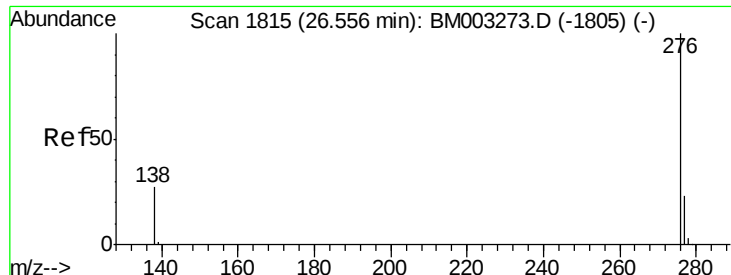
Mmdadoda
 11/23/2015 7:04:19 PM



#27
 Dibenzo(a,h)anthracene
 Concen: 0.21 ng/ul
 RT: 25.87 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BM003258.D
 Acq: 21 Nov 2015 21:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	28.7	16.4	24.6#
279	27.5	20.2	30.2





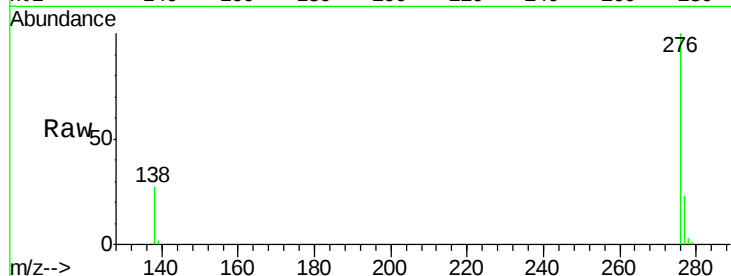
#28
 Benzo(a,h,i)perylene
 Concen: 0.77 ng/ul
 RT: 26.56 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BM003258.D
 Acq: 21 Nov 2015 21:05

Instrument :
 BNA_M
 ClientSampleId :
 A4J60

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.5	18.9	28.3
138	27.2	22.5	33.7

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:04:19 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

