

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003254.D
 Acq On : 21 Nov 2015 18:06
 Operator : UM/IZ
 Sample : G4323-27DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J47DL

Manual Integrations
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 11/23/2015 7:04:06 PM

Quant Time: Nov 22 06:04:56 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 01:13:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	5945	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	23162	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	11742	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	24456	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	22867	0.40	ng/ul	0.00
22) Perylene-d12	23.58	264	22949	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	3644	0.57	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	891	0.03	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	1761	0.03	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	2469	0.04	ng/ul#	84
7) 2-Methylnaphthalene	12.19	142	663	0.02	ng/ul#	100
9) Acenaphthylene	14.09	152	5618	0.11	ng/ul	96
10) Acenaphthene	14.43	153	664	0.02	ng/ul#	73
11) Fluorene	15.44	166	1299m	0.03	ng/ul	
13) Pentachlorophenol	16.78	266	340	0.06	ng/ul	95
14) Phenanthrene	17.16	178	34356	0.48	ng/ul#	89
15) Anthracene	17.26	178	6799	0.11	ng/ul#	93
17) Fluoranthene	19.19	202	68383	0.87	ng/ul	99
19) Pyrene	19.55	202	65569	0.84	ng/ul	99
20) Benzo(a)anthracene	21.31	228	27221m	0.41	ng/ul	
21) Chrysene	21.36	228	30095	0.40	ng/ul	98
23) Benzo(b)fluoranthene	22.91	252	40136m	0.46	ng/ul	
24) Benzo(k)fluoranthene	22.93	252	16342m	0.20	ng/ul	
25) Benzo(a)pyrene	23.48	252	27061	0.35	ng/ul#	93
26) Indeno(1,2,3-cd)pyrene	25.86	276	19800	0.21	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	4566	0.06	ng/ul#	61
28) Benzo(a,h,i)perylene	26.57	276	16813	0.21	ng/ul	97

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

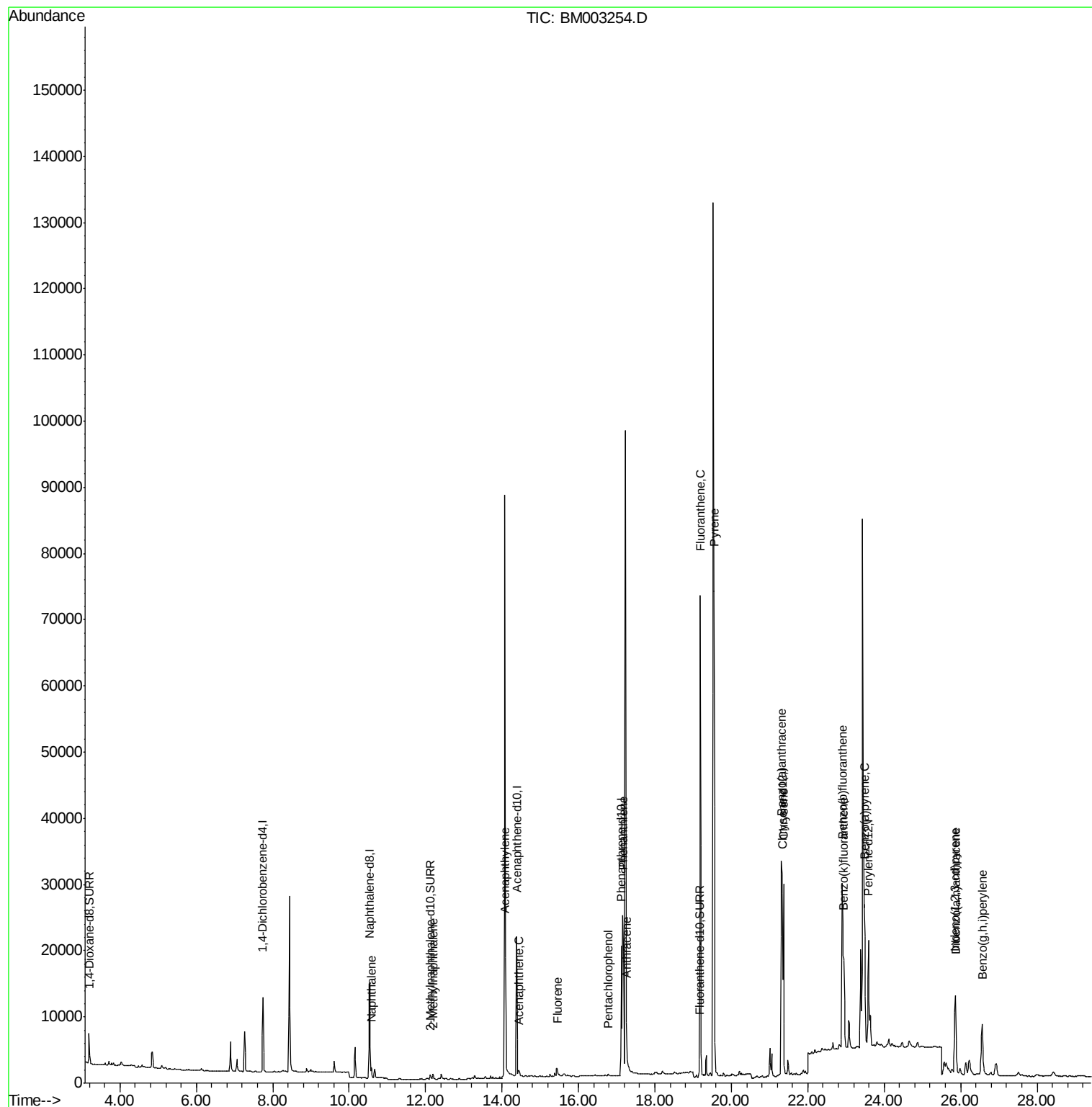
Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003254.D
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Operator : UM/IZ
Sample : G4323-27DL 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

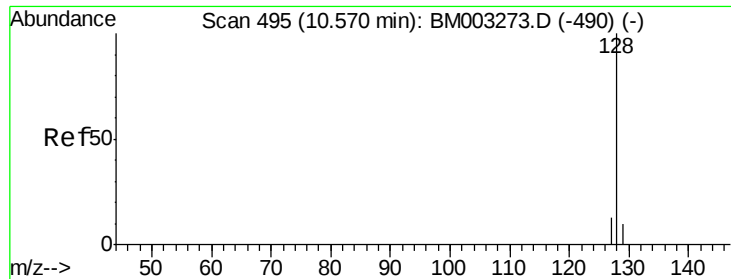
Instrument :
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11/23/2015 7:04:06 PM

Quant Time: Nov 22 06:04:56 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 : Sun Nov 22 01:13:23 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.04 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. 0.00 min

Lab File: BM003254.D

Acq: 21 Nov 2015 18:06

Instrument :

BNA_M

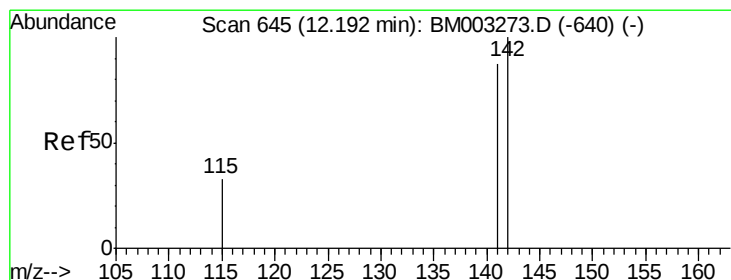
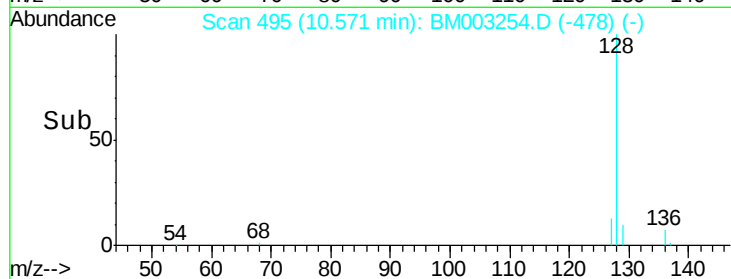
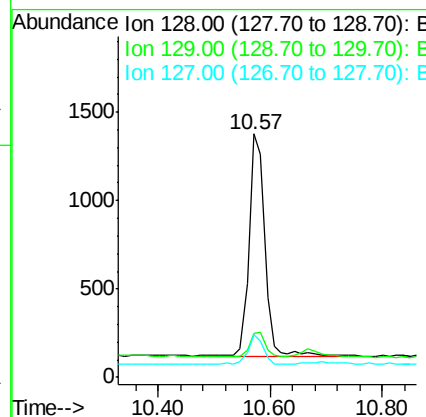
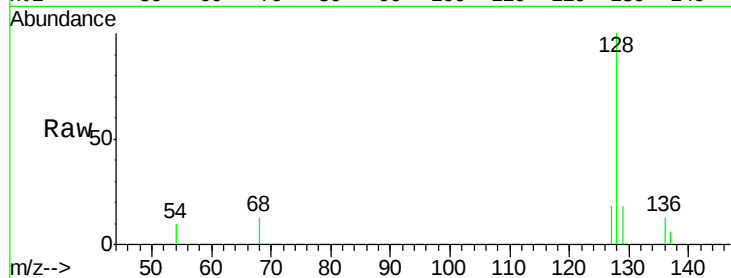
ClientSampleId :

A4J47DL

Tot Ion:	128	Resp:	2469
Ion Ratio	Lower	Upper	
128	100		
129	17.9	9.0	13.6#
127	17.7	9.6	14.4#

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#7

2-Methylnaphthalene

Concen: 0.02 ng/ul

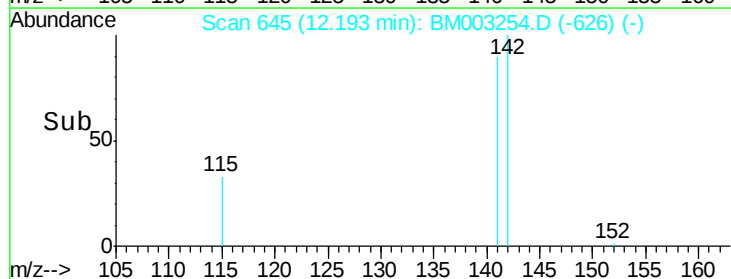
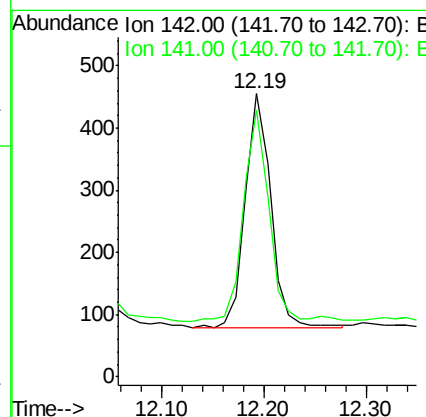
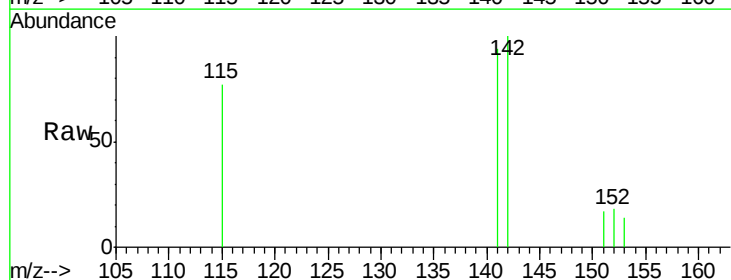
RT: 12.19 min Scan# 645

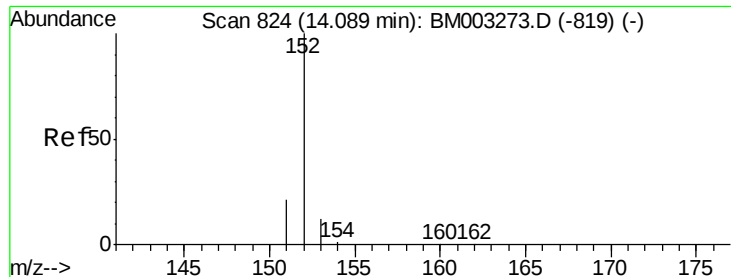
Delta R.T. 0.00 min

Lab File: BM003254.D

Acq: 21 Nov 2015 18:06

Tgt Ion:	142	Resp:	663
Ion Ratio	Lower	Upper	
142	100		
141	86.1	0.0	0.0#





#9

Acenaphthylene

Concen: 0.11 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003254.D

Acq: 21 Nov 2015 18:06

Instrument :

BNA_M

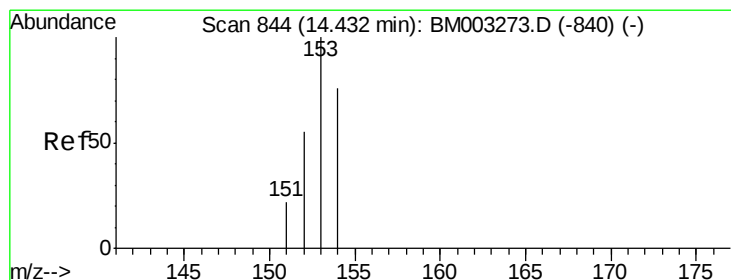
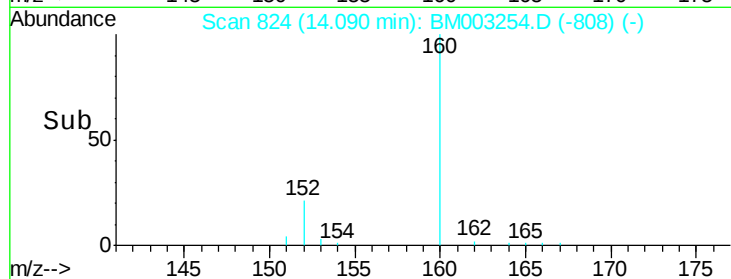
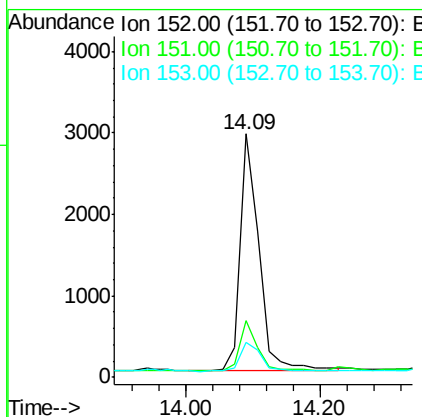
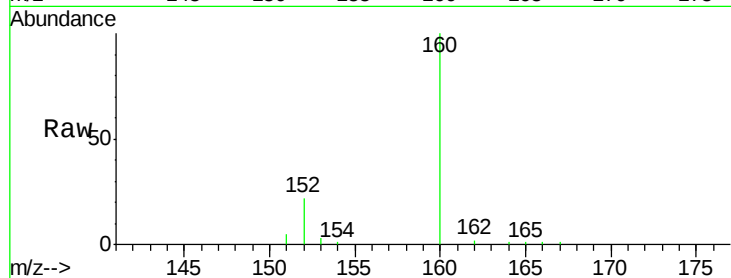
ClientSampleId :

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Tot Ion:	152	Resp:	5618
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.6	26.4
153	14.5	9.7	14.5



#10

Acenaphthene

Concen: 0.02 ng/ul

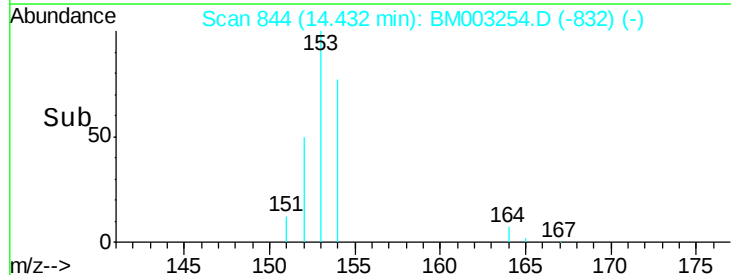
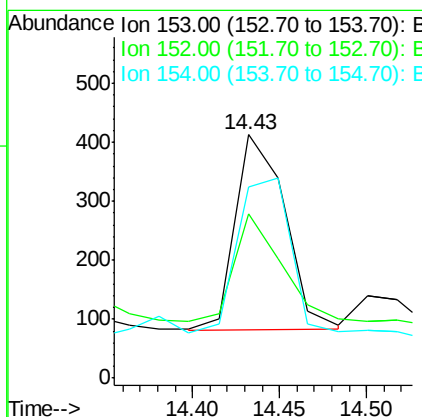
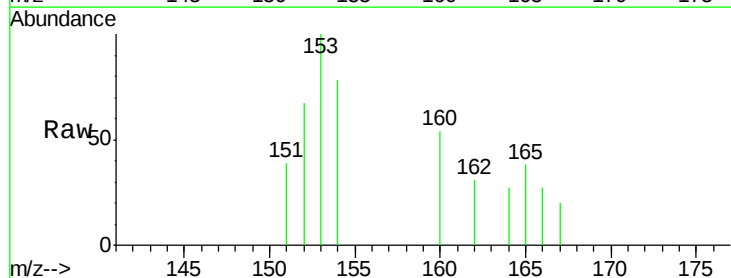
RT: 14.43 min Scan# 844

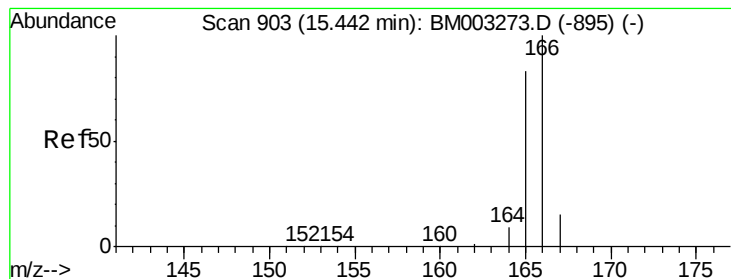
Delta R.T. 0.00 min

Lab File: BM003254.D

Acq: 21 Nov 2015 18:06

Tgt Ion:	153	Resp:	664
Ion Ratio	Lower	Upper	
153	100		
152	67.3	33.9	50.9#
154	78.5	80.6	121.0#





#11

Fluorene

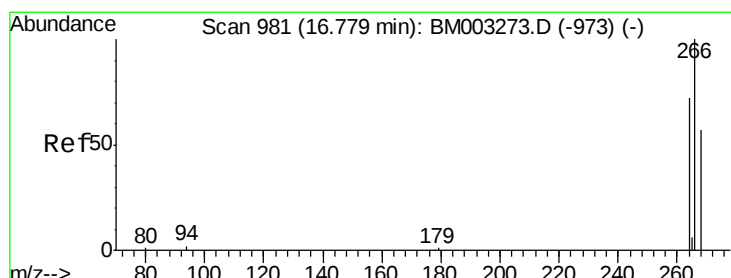
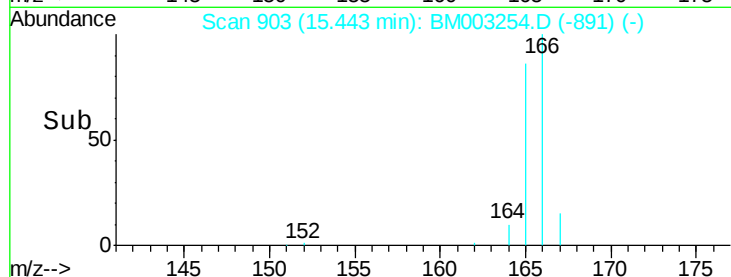
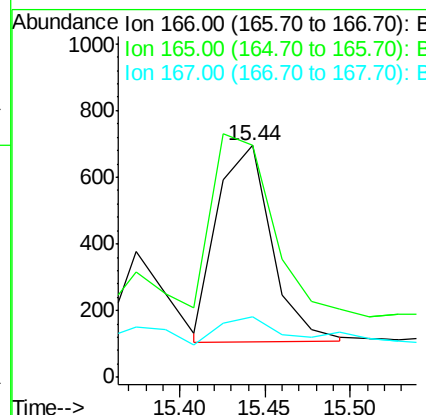
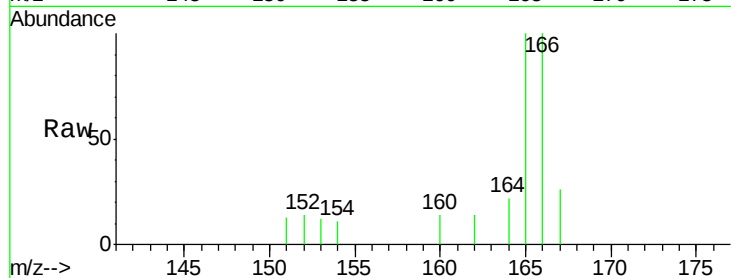
Concen: 0.03 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. 0.00 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Instrument :
BNA_M
ClientSampleID :
A4J47DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.3	69.6	104.4
167	26.2	11.9	17.9

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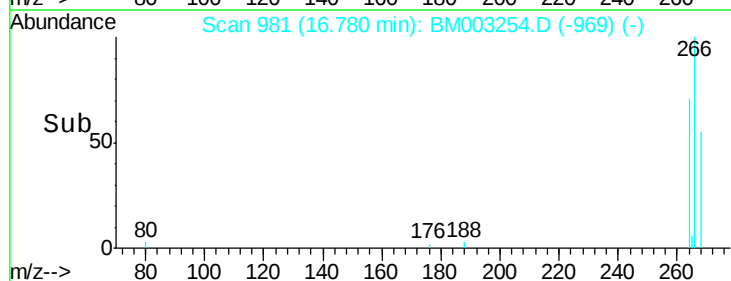
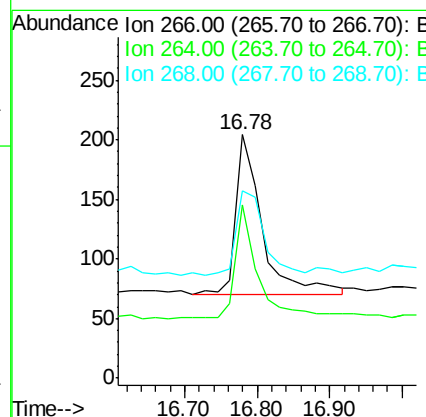
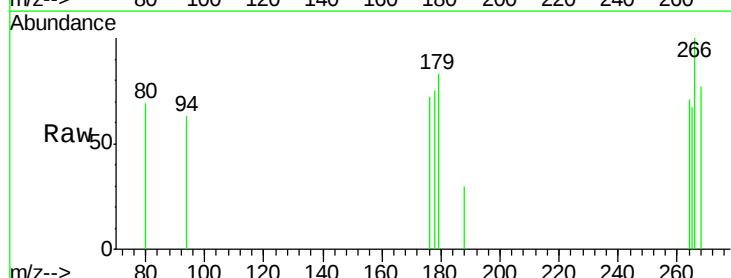


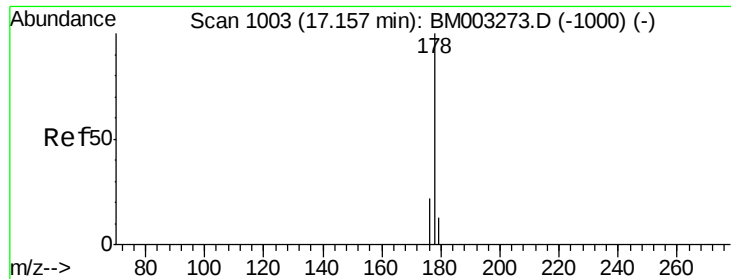
#13

Pentachlorophenol

Concen: 0.06 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Tgt Ion	Ratio	Lower	Upper
266	100		
264	60.6	51.8	77.8
268	55.6	46.8	70.2





#14

Phenanthrene

Concen: 0.48 ng/ul

RT: 17.16 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BM003254.D

Acq: 21 Nov 2015 18:06

Instrument :

BNA_M

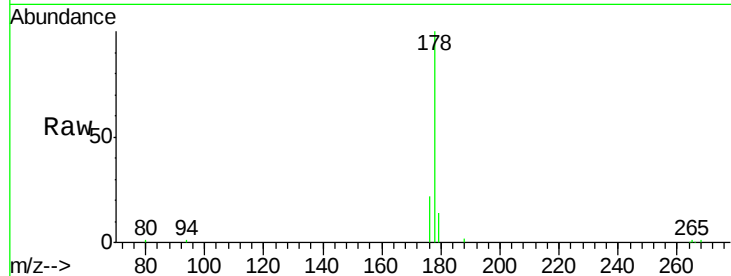
ClientSampleId :

A4J47DL

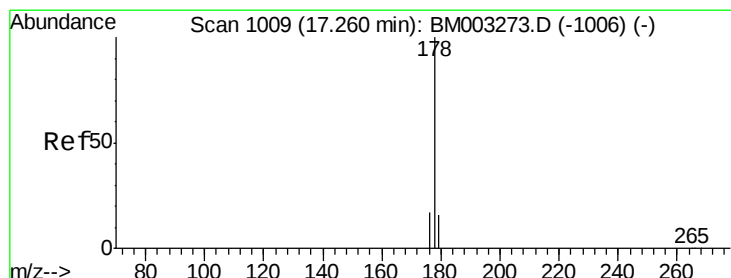
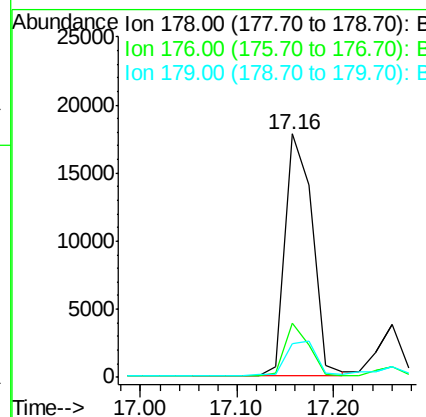
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Tot Ion:	178	Resp:	34356
Ion	Ratio	Lower	Upper
178	100		
176	22.2	13.0	19.4#
179	13.9	14.2	21.2#



#15

Anthracene

Concen: 0.11 ng/ul

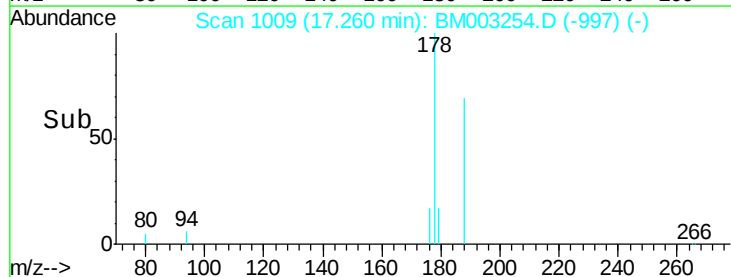
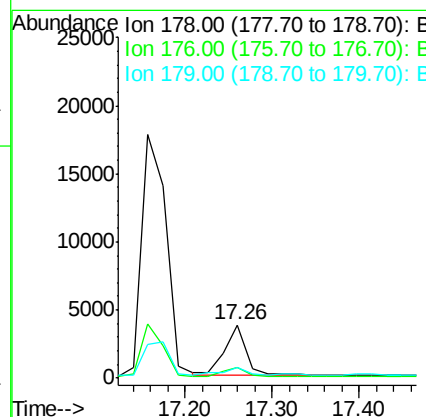
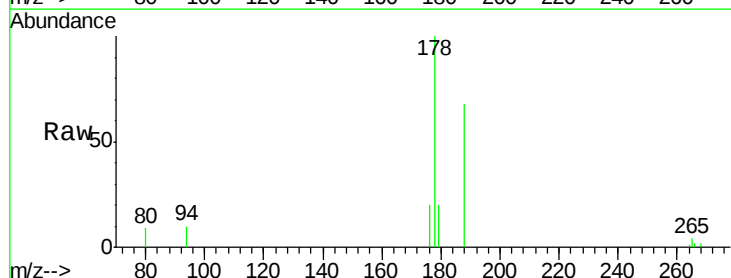
RT: 17.26 min Scan# 1009

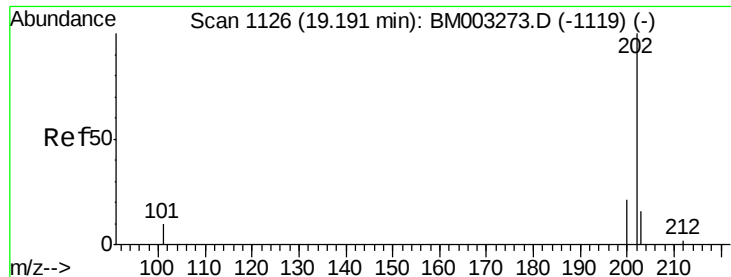
Delta R.T. 0.00 min

Lab File: BM003254.D

Acq: 21 Nov 2015 18:06

Tgt Ion:	178	Resp:	6799
Ion	Ratio	Lower	Upper
178	100		
176	19.8	14.0	21.0
179	20.1	12.9	19.3#





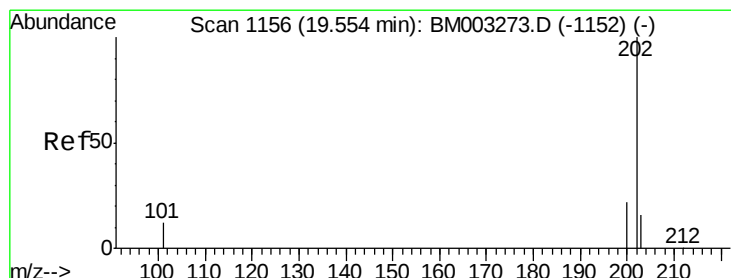
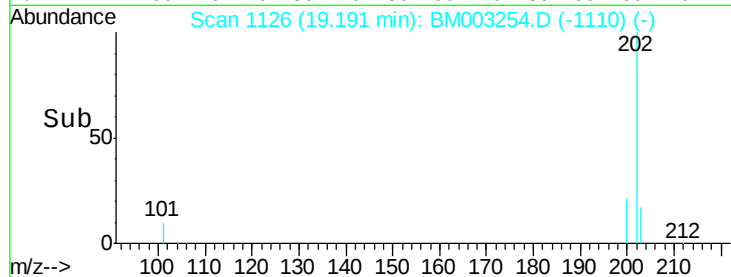
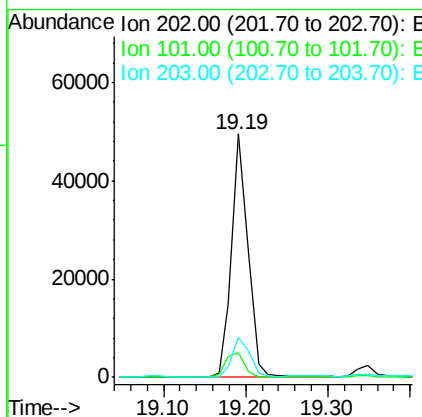
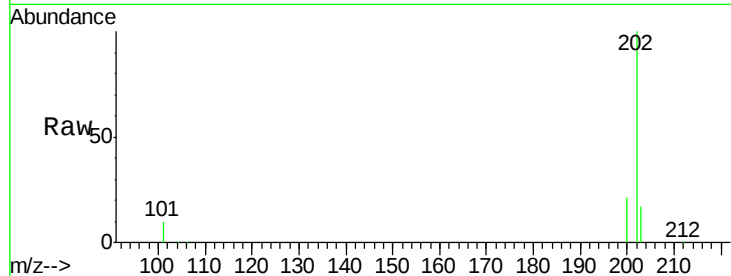
#17
Fluoranthene
 Concen: 0.87 ng/ul
 RT: 19.19 min Scan# 1126
 Delta R.T. -0.00 min
 Lab File: BM003254.D
 Acq: 21 Nov 2015 18:06

Instrument :
 BNA_M
 ClientSampleId :
 A4J47DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.3	0.0	29.6
203	16.6	0.0	36.3

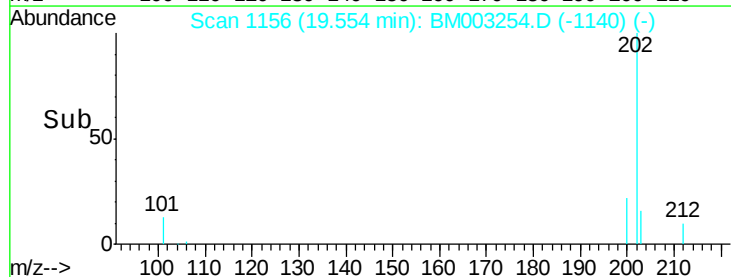
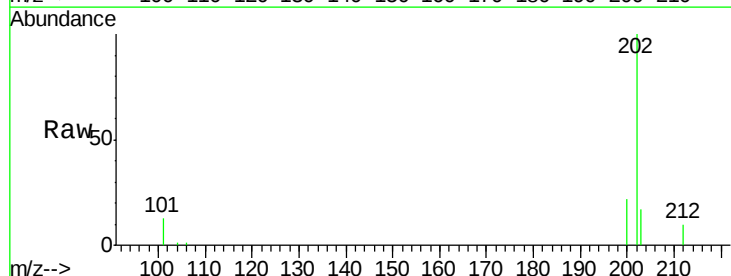
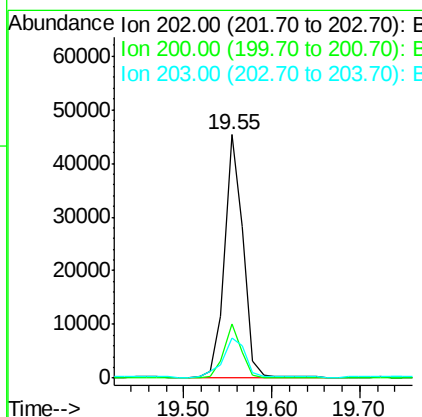
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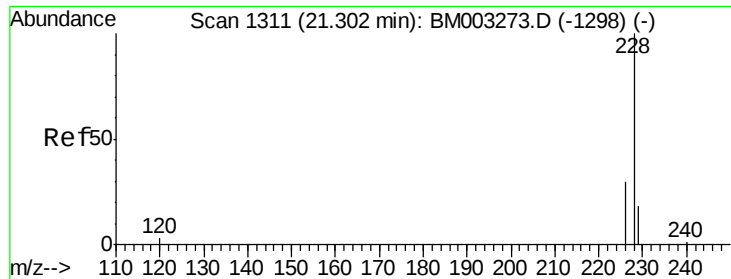
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#19
Pyrene
 Concen: 0.84 ng/ul
 RT: 19.55 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: BM003254.D
 Acq: 21 Nov 2015 18:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.0	17.8	26.8
203	16.7	12.8	19.2





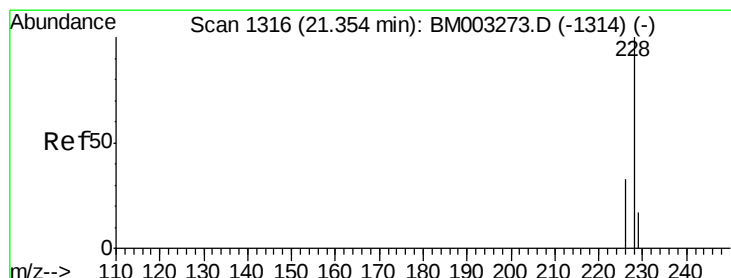
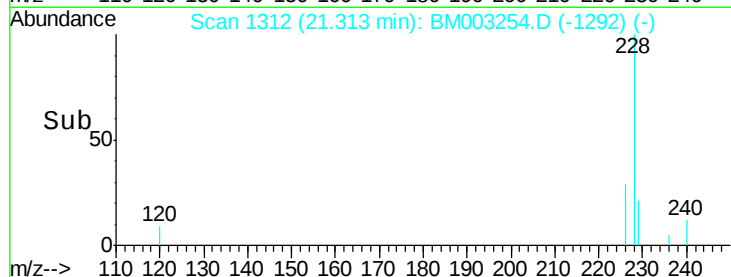
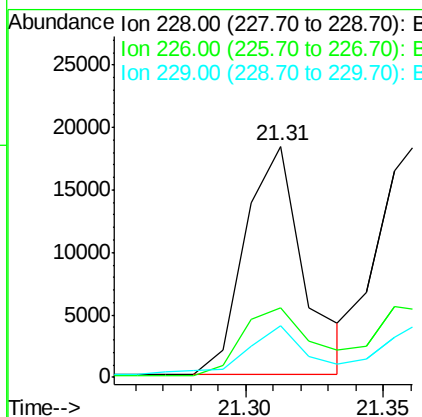
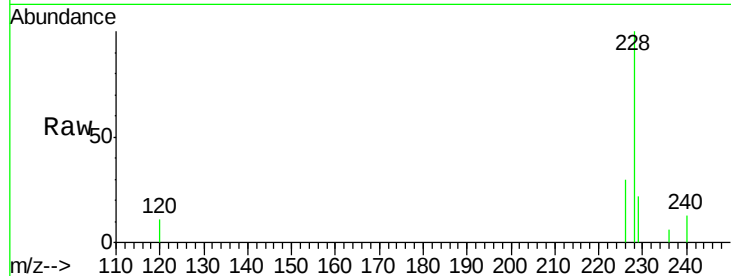
#20
Benzo(a)anthracene
Concen: 0.41 ng/ul m
RT: 21.31 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Instrument :
BNA_M
ClientSampleId :
A4J47DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	18.8	28.2
229	22.2	17.1	25.7

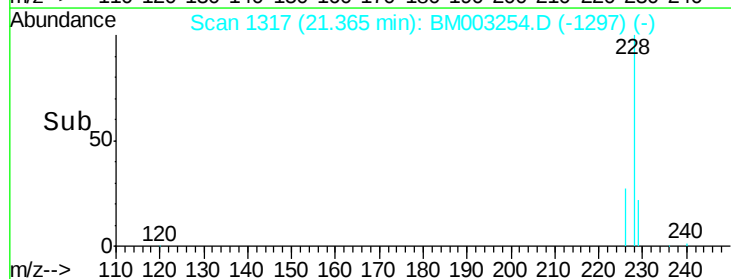
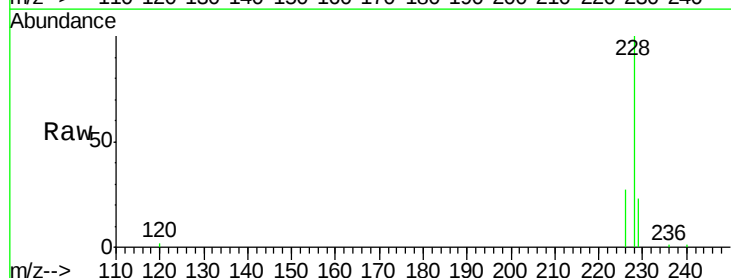
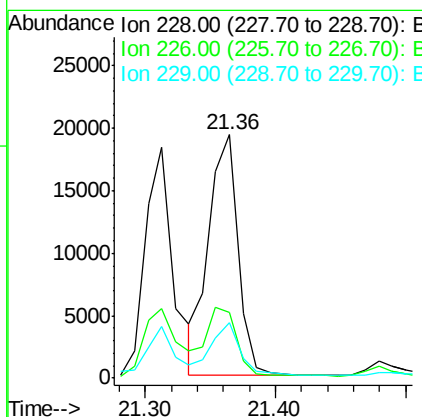
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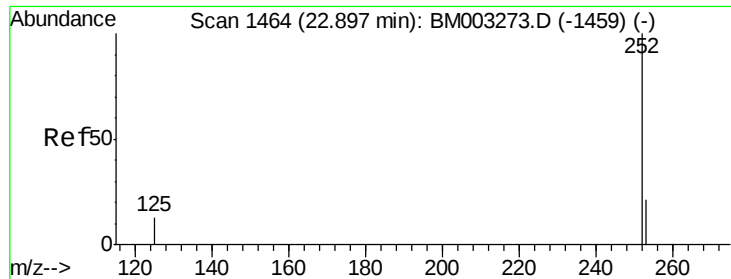
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#21
Chrysene
Concen: 0.40 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.2	31.8
229	23.0	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.46 ng/ul m

RT: 22.91 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BM003254.D

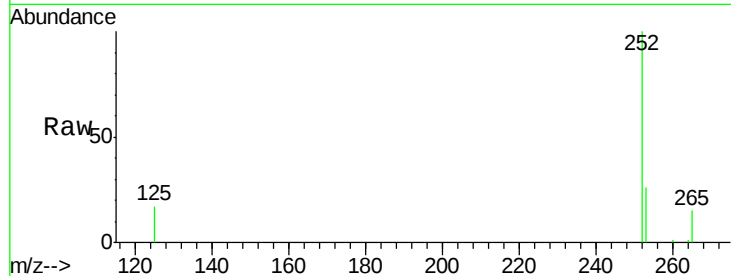
Acq: 21 Nov 2015 18:06

Instrument :

BNA_M

ClientSampleId :

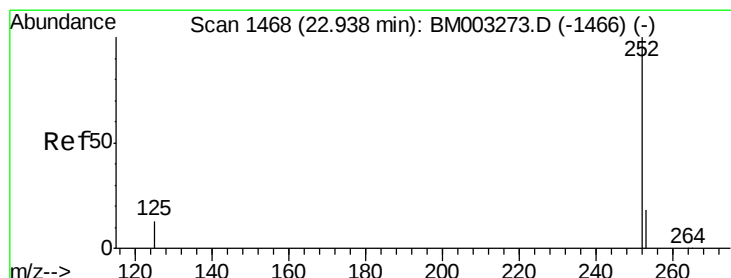
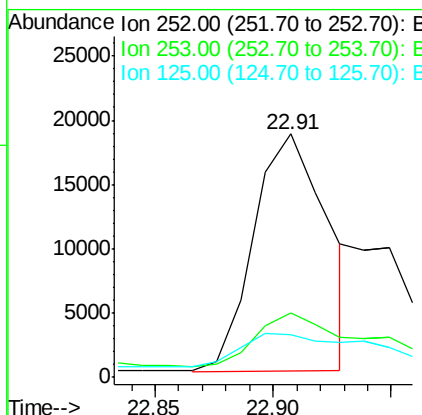
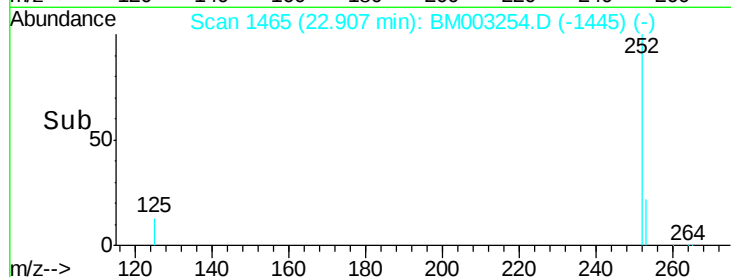
A4J47DL



Tot Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	45.4
125	17.3	0.0	28.8

Manual Integrations
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#24

Benzo(k)fluoranthene

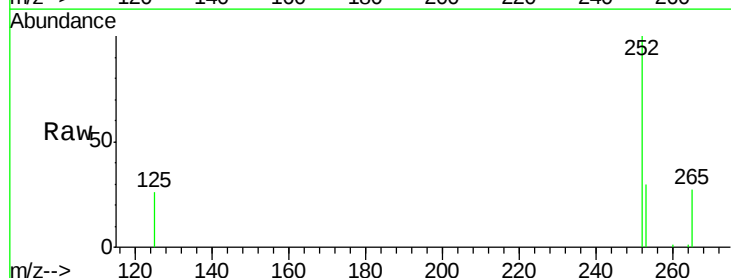
Concen: 0.20 ng/ul m

RT: 22.93 min Scan# 1467

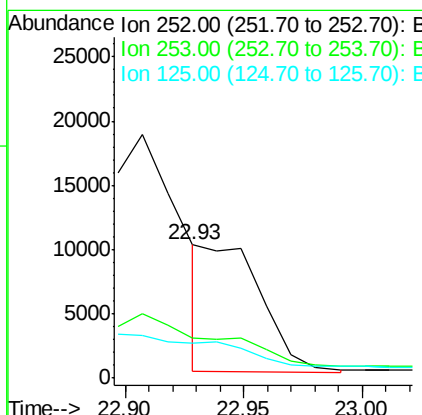
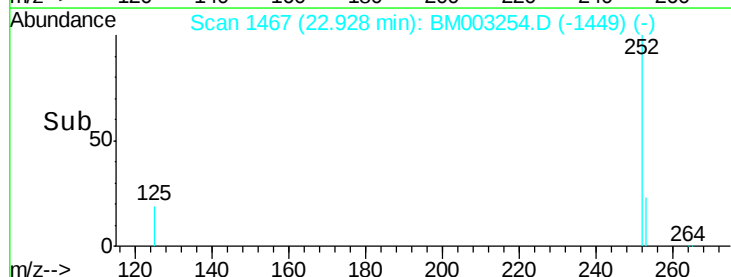
Delta R.T. -0.01 min

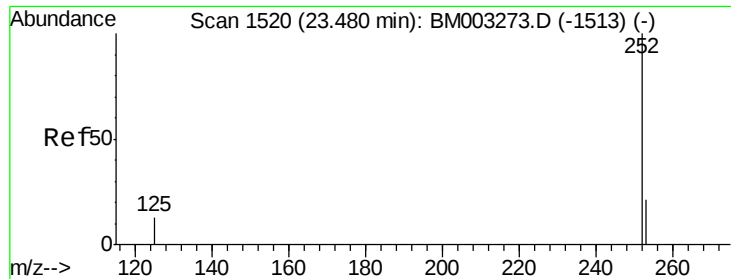
Lab File: BM003254.D

Acq: 21 Nov 2015 18:06



Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.4	19.8	29.8#
125	26.0	10.4	15.6#





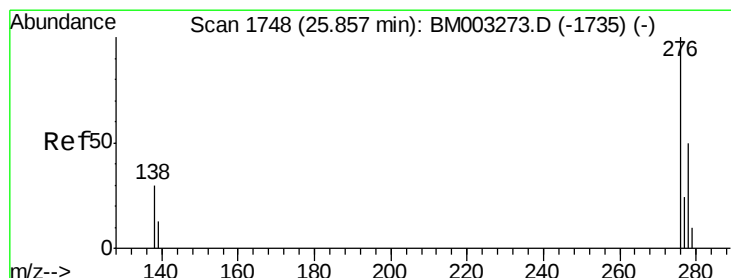
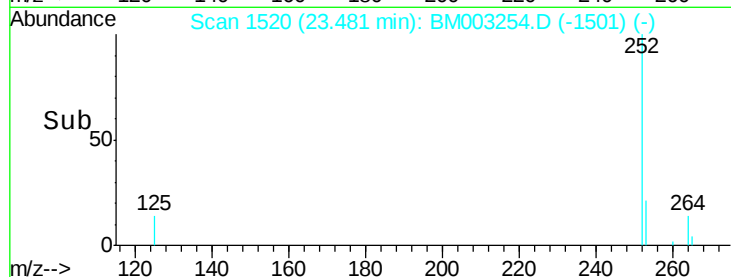
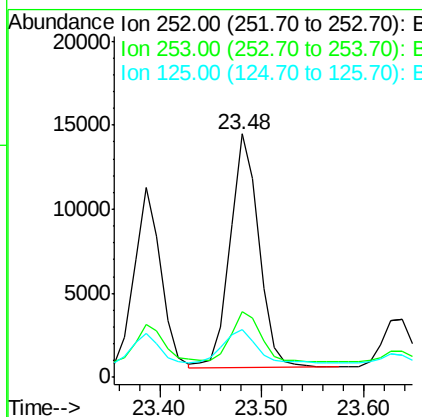
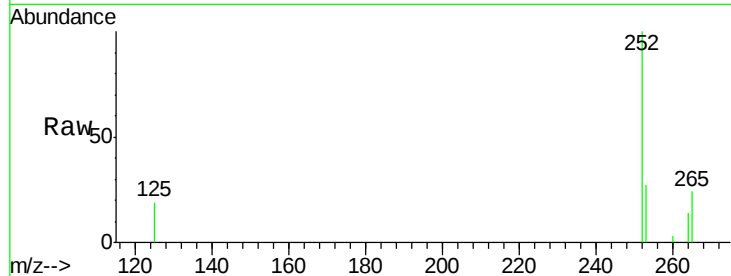
#25
Benzo(a)pyrene
Concen: 0.35 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Instrument :
BNA_M
ClientSampleId :
A4J47DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.1	19.4	29.2
125	19.4	12.7	19.1

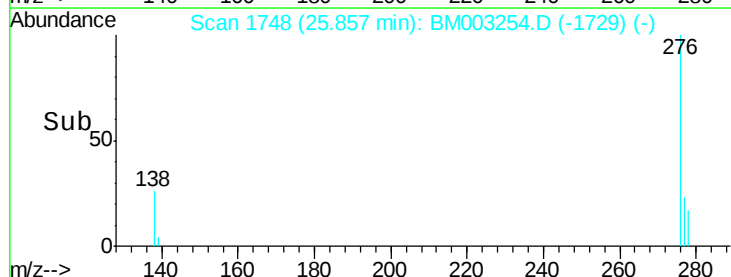
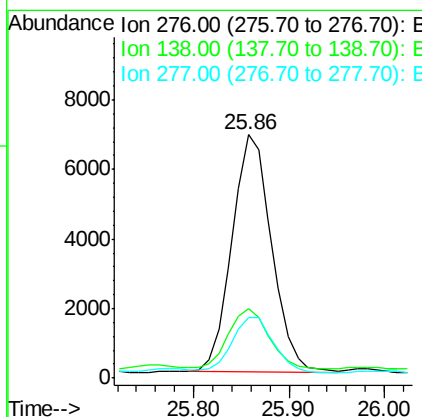
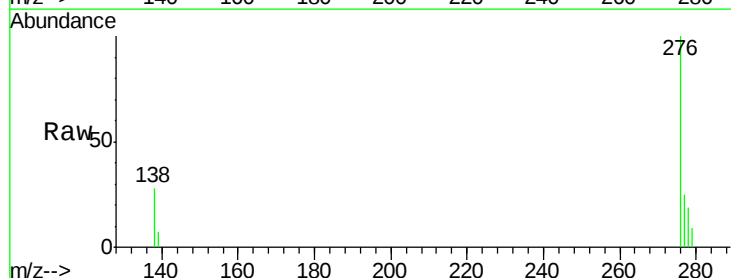
Manual Integrations
APPROVED

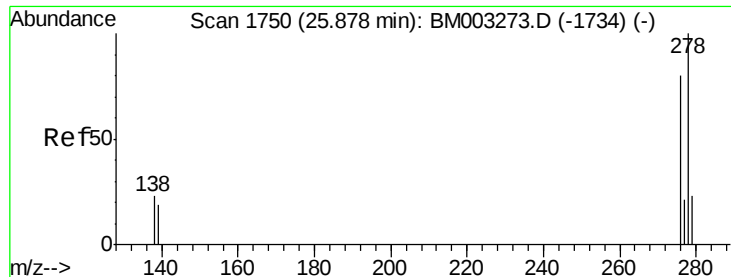
Mmdadoda
11/23/2015 7:04:06 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	16.3	24.5
277	24.2	19.8	29.8





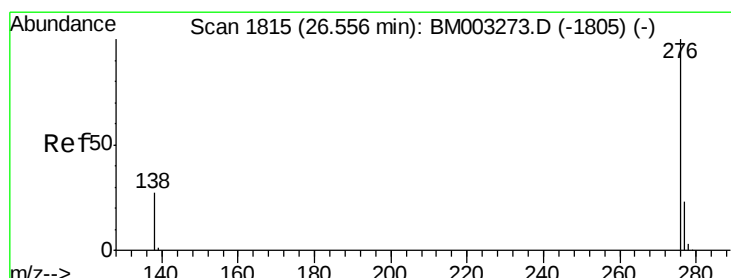
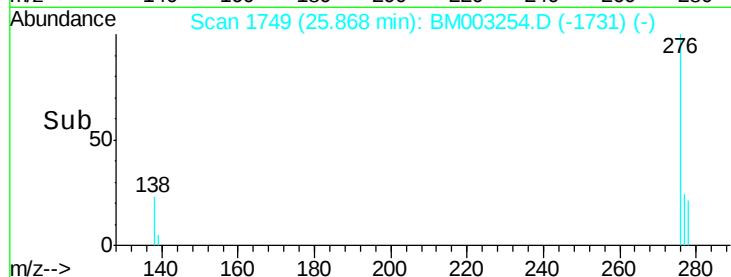
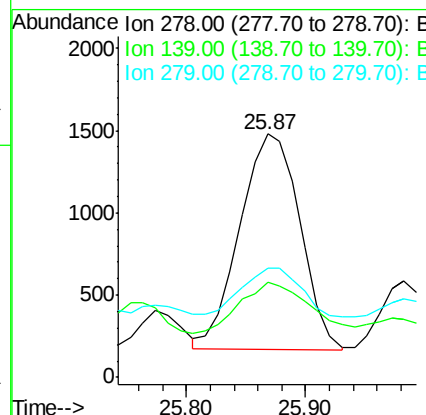
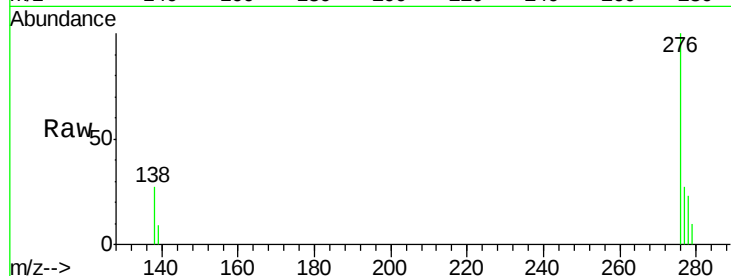
#27
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Instrument :
BNA_M
ClientSampleId :
A4J47DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	38.9	16.4	24.6#
279	45.0	20.2	30.2#

Manual Integrations
APPROVED

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11/23/2015 7:04:06 PM



#28
Benzo(g,h,i)perylene
Concen: 0.21 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM003254.D
Acq: 21 Nov 2015 18:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.8	18.9	28.3
138	28.9	22.5	33.7

