

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003252.D
 Acq On : 21 Nov 2015 16:55
 Operator : UM/IZ
 Sample : G4323-25DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J45DL

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:04:02 PM

Quant Time: Nov 22 05:58:59 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	7038	0.40	ng/ul	0.00
4) Naphthalene-d8	10.53	136	26442	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.38	164	12924	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	26848	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	27217	0.40	ng/ul	0.00
22) Perylene-d12	23.59	264	26992	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	3477	0.46	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	893	0.02	ng/ul	0.00
16) Fluoranthene-d10	19.16	212	1895	0.03	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	11710	0.17	ng/ul	96
7) 2-Methylnaphthalene	12.19	142	1524	0.03	ng/ul#	100
9) Acenaphthylene	14.09	152	7650	0.14	ng/ul	96
10) Acenaphthene	14.43	153	2288	0.05	ng/ul#	74
11) Fluorene	15.44	166	3237m	0.07	ng/ul	
13) Pentachlorophenol	16.78	266	333	0.05	ng/ul#	90
14) Phenanthrene	17.16	178	57438m	0.74	ng/ul	
15) Anthracene	17.26	178	14381	0.22	ng/ul	97
17) Fluoranthene	19.20	202	114060	1.32	ng/ul	94
19) Pyrene	19.56	202	112945	1.21	ng/ul	94
20) Benzo(a)anthracene	21.31	228	52307	0.66	ng/ul#	91
21) Chrysene	21.36	228	56262	0.63	ng/ul	95
23) Benzo(b)fluoranthene	22.90	252	74884m	0.73	ng/ul	
24) Benzo(k)fluoranthene	22.94	252	26870m	0.28	ng/ul	
25) Benzo(a)pyrene	23.49	252	49656	0.54	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	33818	0.31	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	8496	0.10	ng/ul#	76
28) Benzo(a,h,i)perylene	26.56	276	28376	0.30	ng/ul	98

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

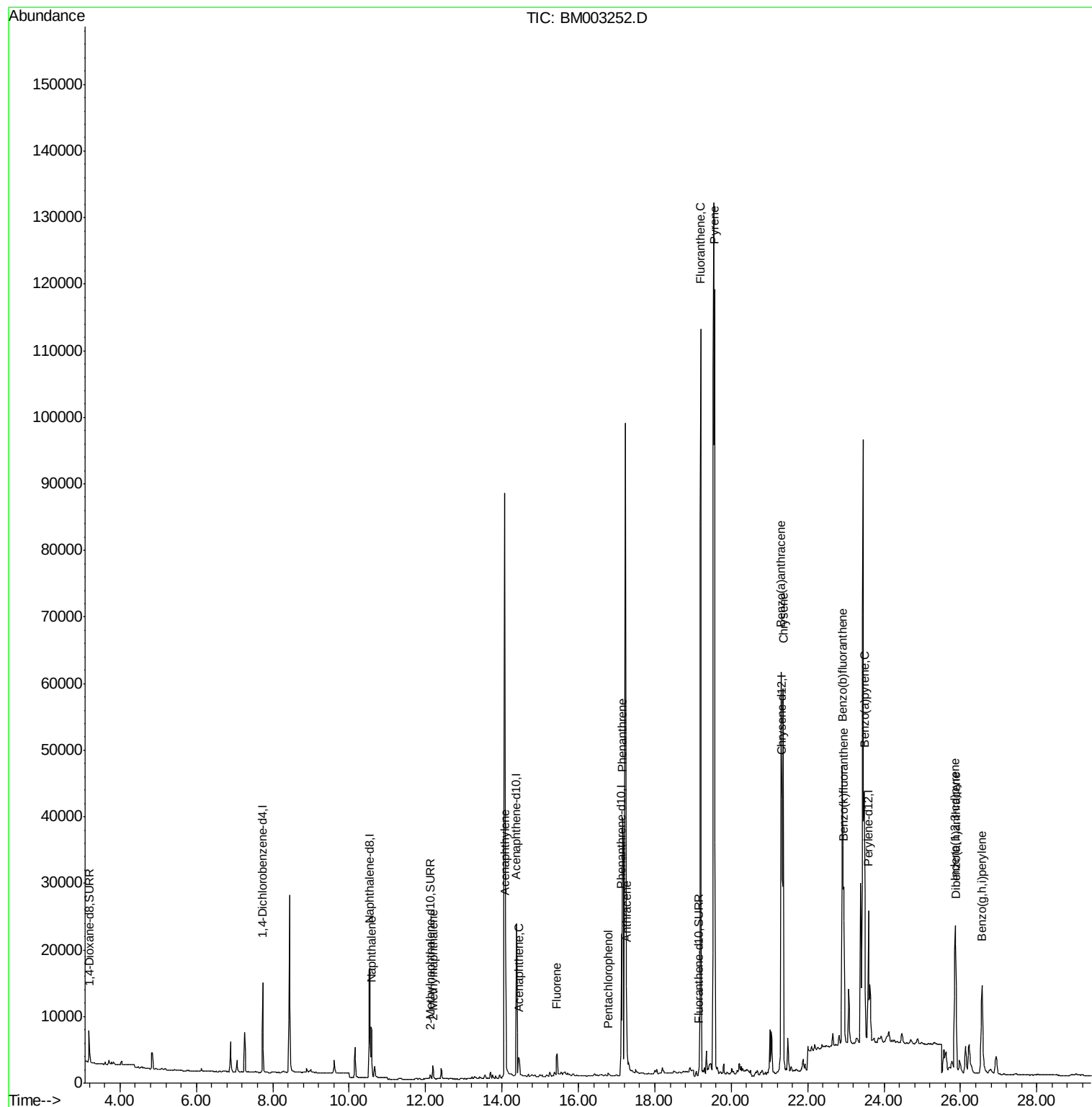
Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003252.D
Acq On : 21 Nov 2015 16:55
Operator : UM/IZ
Sample : G4323-25DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

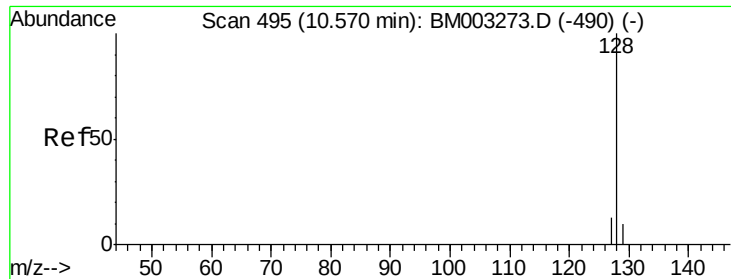
Instrument :
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A4J45DL

Manual Integrations
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11/23/2015 7:04:02 PM

Quant Time: Nov 22 05:58:59 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: 0.17 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. -0.00 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Instrument :

BNA_M

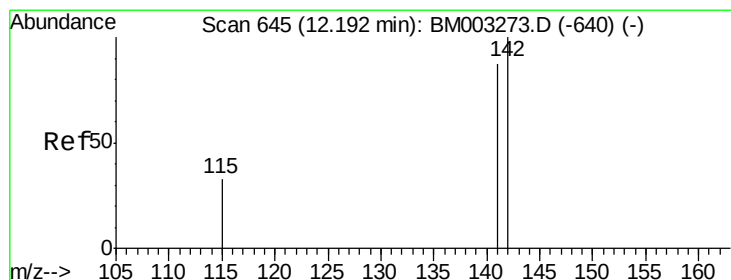
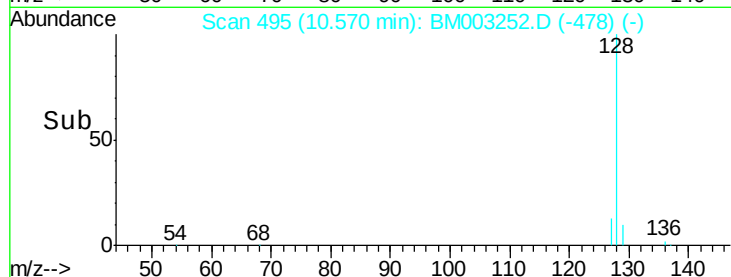
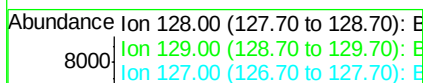
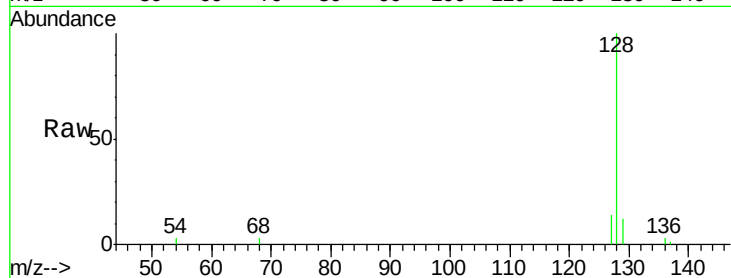
ClientSampleId :

A4J45DL

Tot Ion:	128	Resp:	11710
Ion Ratio	Lower	Upper	
128	100		
129	12.1	9.0	13.6
127	14.4	9.6	14.4

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#7

2-Methylnaphthalene

Concen: 0.03 ng/ul

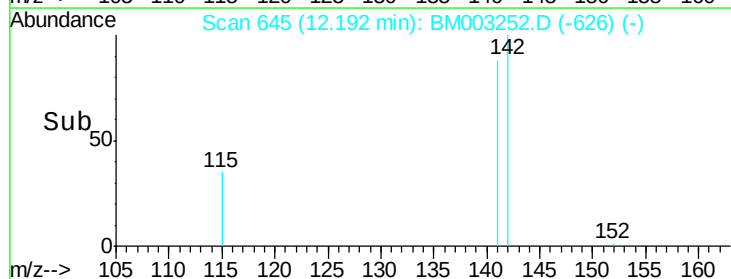
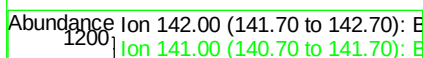
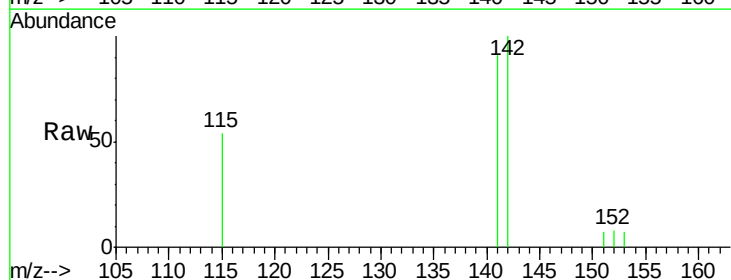
RT: 12.19 min Scan# 645

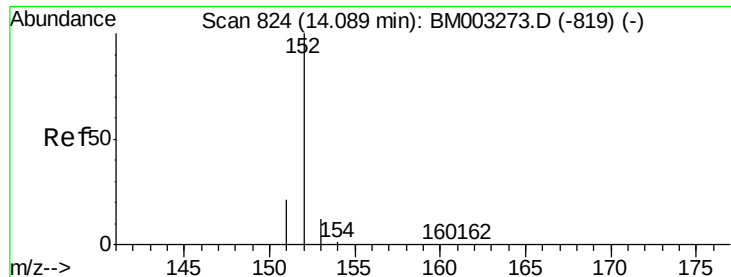
Delta R.T. -0.00 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Tgt Ion:	142	Resp:	1524
Ion Ratio	Lower	Upper	
142	100		
141	89.4	0.0	0.0#





#9

Acenaphthylene

Concen: 0.14 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Instrument :

BNA_M

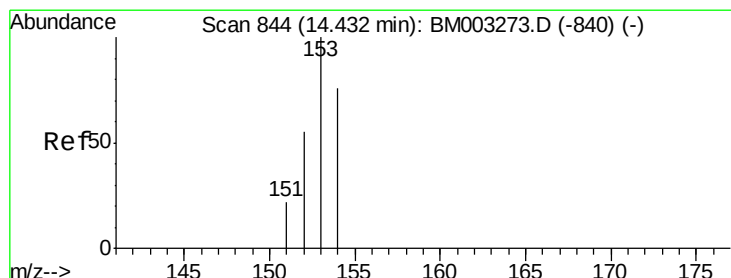
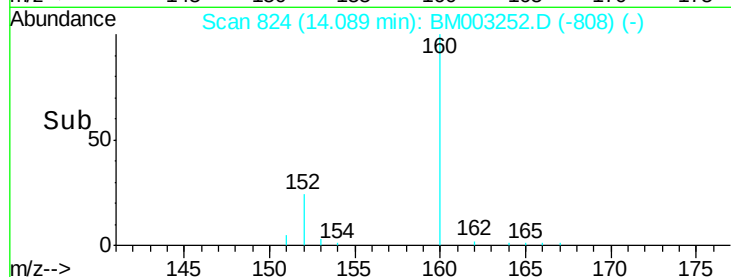
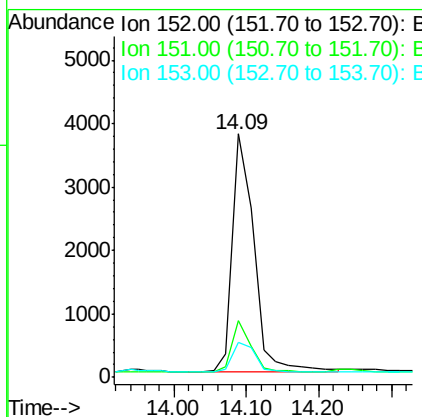
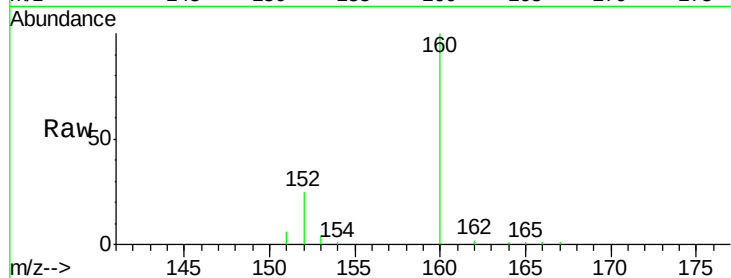
ClientSampleId :

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Tot Ion:	152	Resp:	7650
Ion Ratio	Lower	Upper	
152	100		
151	23.1	17.6	26.4
153	14.4	9.7	14.5



#10

Acenaphthene

Concen: 0.05 ng/ul

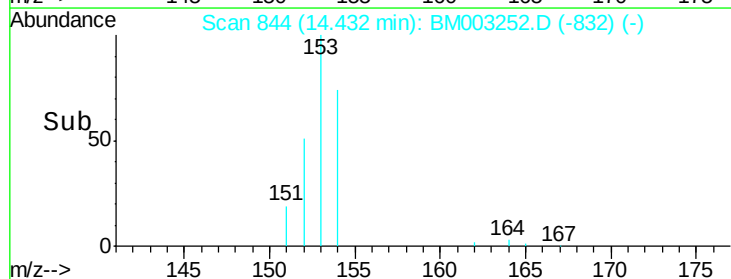
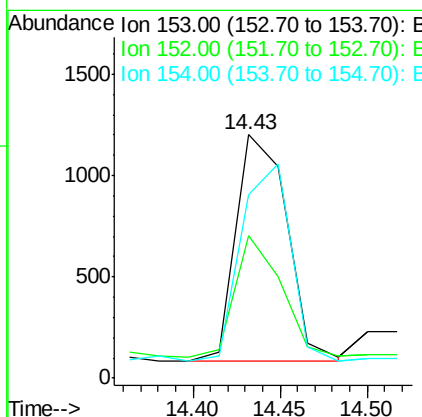
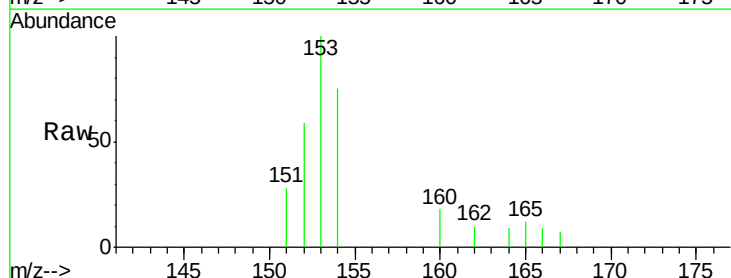
RT: 14.43 min Scan# 844

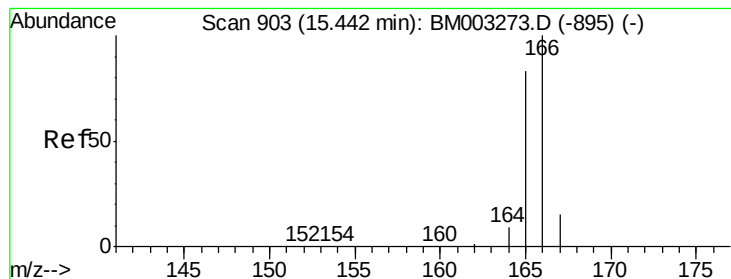
Delta R.T. -0.00 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Tgt Ion:	153	Resp:	2288
Ion Ratio	Lower	Upper	
153	100		
152	58.7	33.9	50.9#
154	75.1	80.6	121.0#





#11

Fluorene

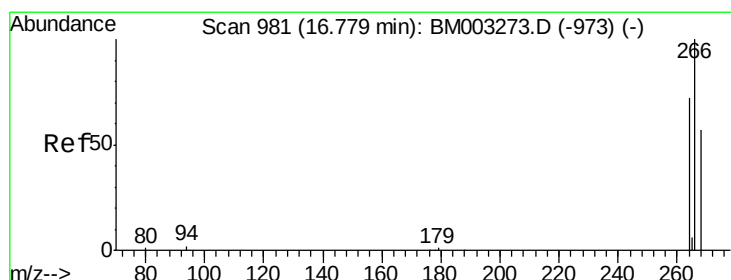
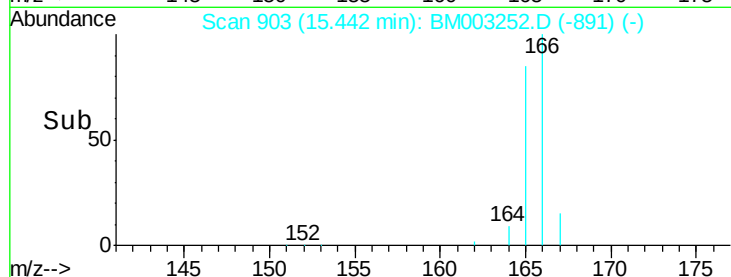
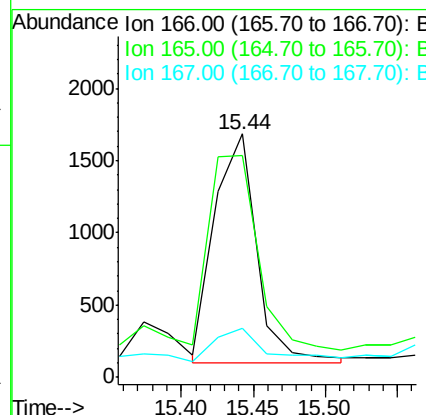
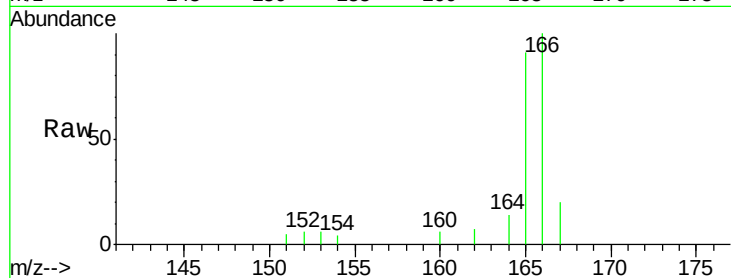
Concen: 0.07 ng/ul m
RT: 15.44 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Instrument :
BNA_M
ClientSampleId :
A4J45DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	90.9	69.6	104.4
167	20.2	11.9	17.9

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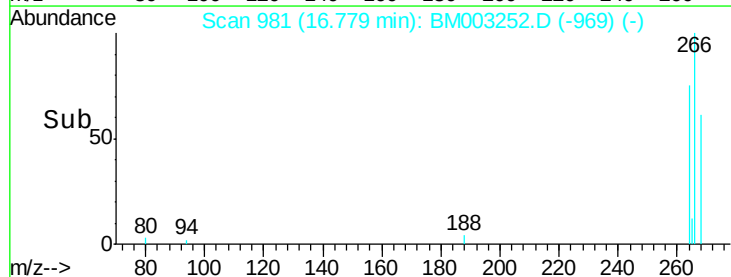
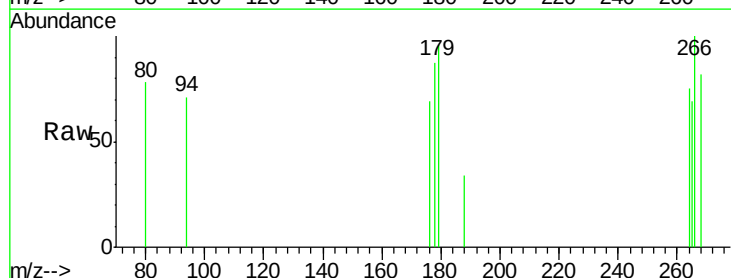
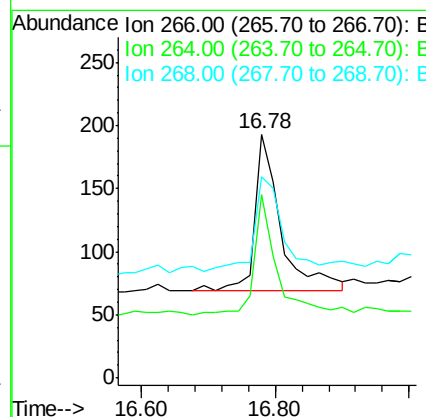


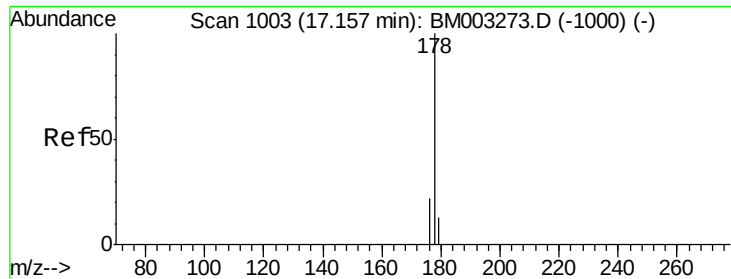
#13

Pentachlorophenol

Concen: 0.05 ng/ul
RT: 16.78 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Tgt Ion	Ratio	Lower	Upper
266	100		
264	67.9	51.8	77.8
268	71.8	46.8	70.2





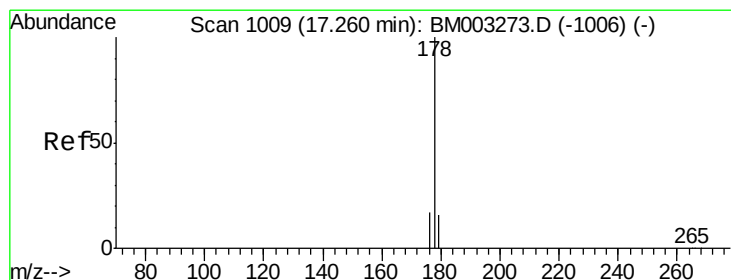
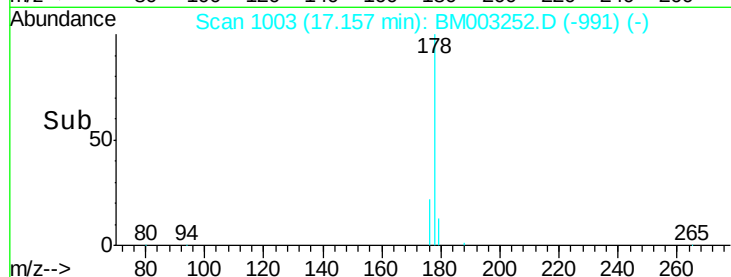
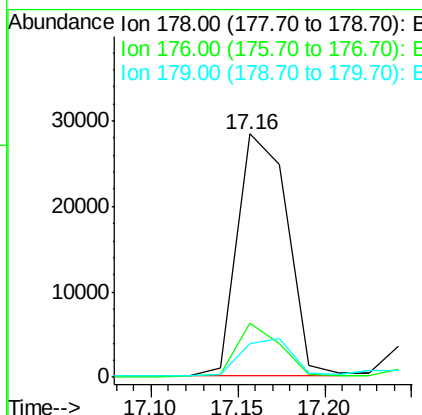
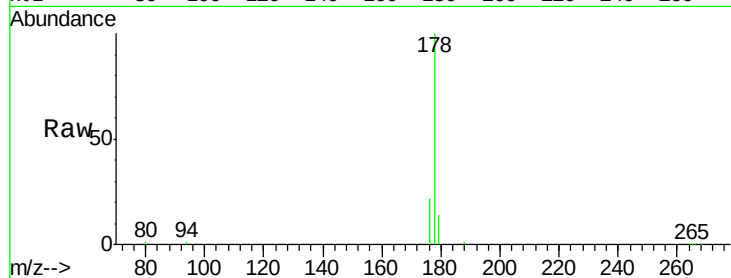
#14
Phenanthrene
Concen: 0.74 ng/ul m
RT: 17.16 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Instrument :
BNA_M
ClientSampleId :
A4J45DL

Tot Ion:178 Resp: 57438
Ion Ratio Lower Upper
178 100
176 22.5 13.0 19.4#
179 13.8 14.2 21.2#

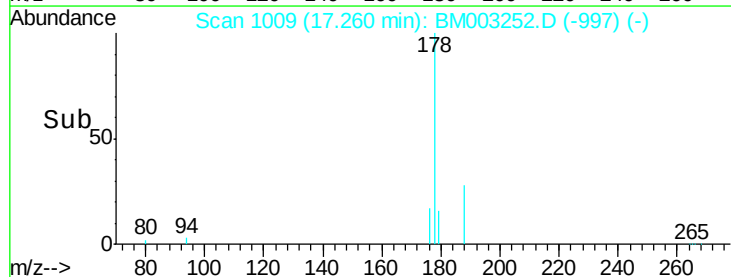
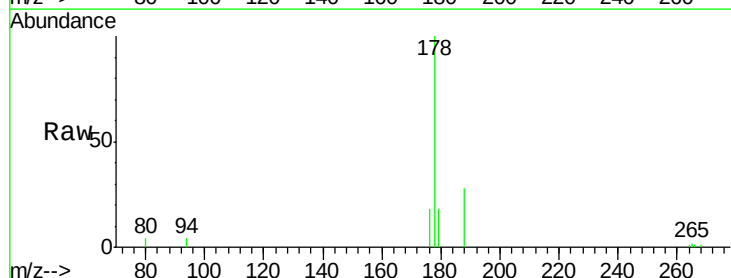
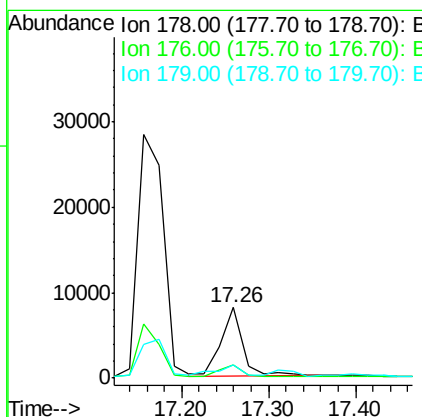
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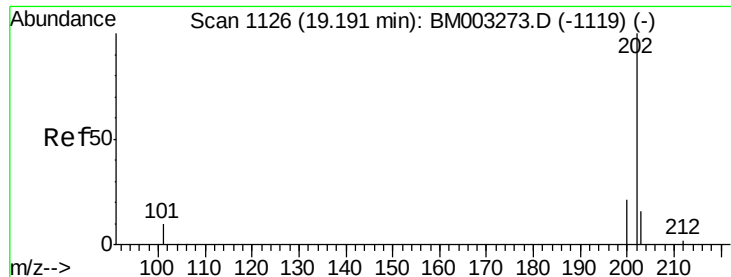
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#15
Anthracene
Concen: 0.22 ng/ul
RT: 17.26 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Tgt Ion:178 Resp: 14381
Ion Ratio Lower Upper
178 100
176 18.2 14.0 21.0
179 18.1 12.9 19.3





#17

Fluoranthene

Concen: 1.32 ng/ul

RT: 19.20 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Instrument :

BNA_M

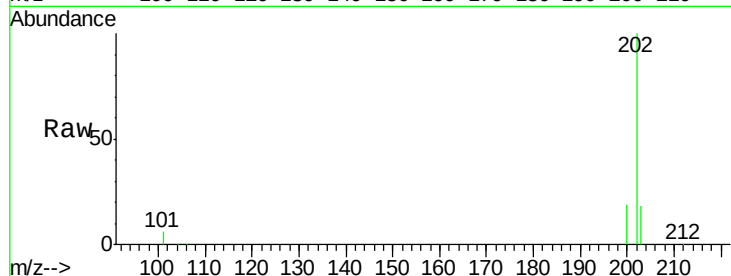
ClientSampleId :

A4J45DL

Tot Ion:	202	Resp:	114060
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	29.6
203	18.3	0.0	36.3

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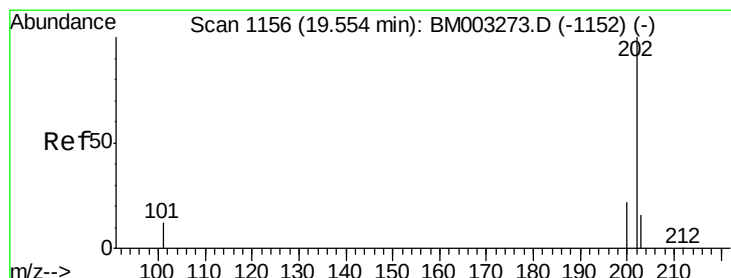
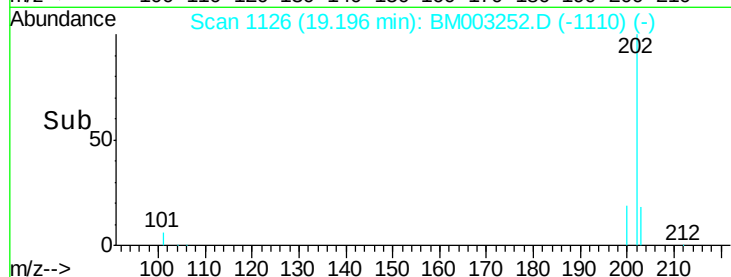
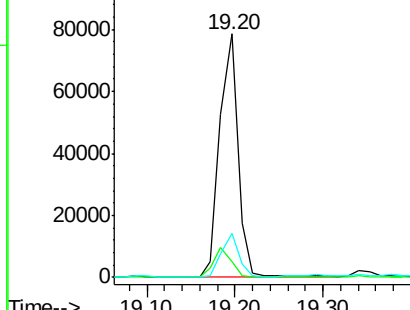
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#19

Pyrene

Concen: 1.21 ng/ul

RT: 19.56 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BM003252.D

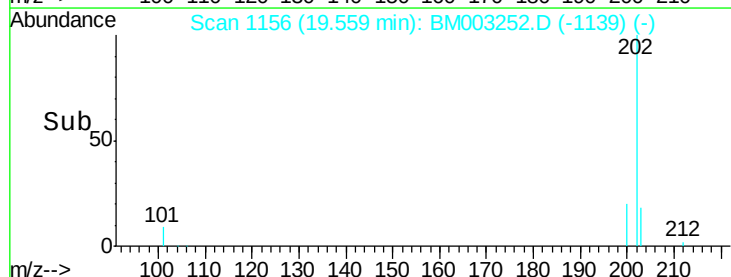
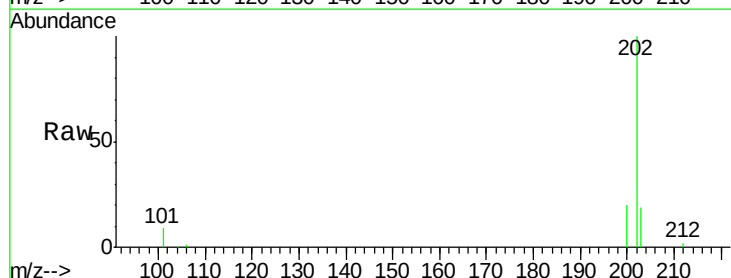
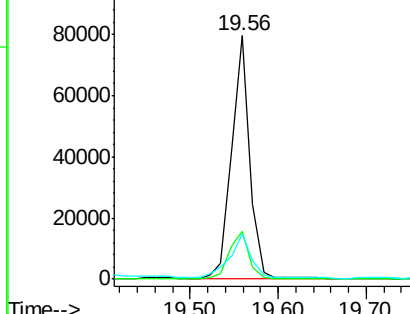
Acq: 21 Nov 2015 16:55

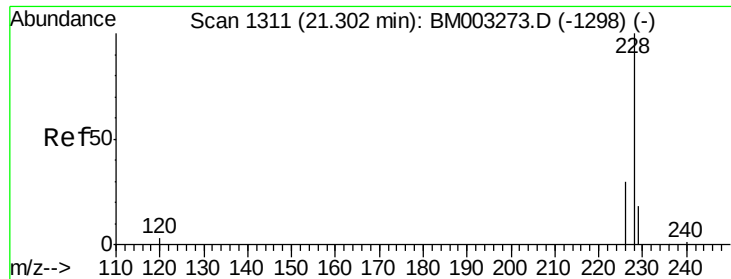
Tgt Ion:	202	Resp:	112945
Ion Ratio	Lower	Upper	
202	100		
200	19.7	17.8	26.8
203	18.7	12.8	19.2

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





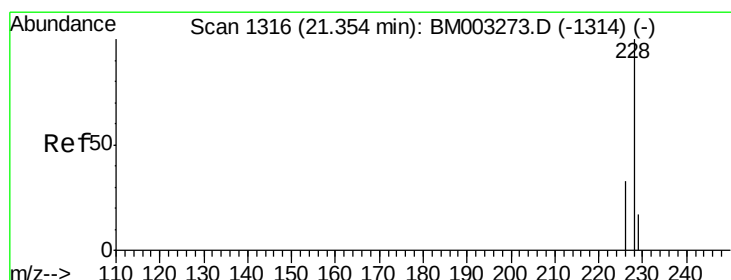
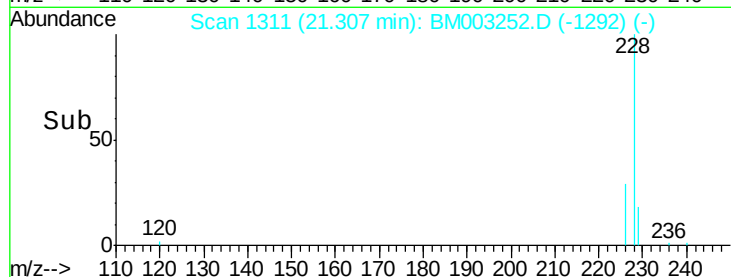
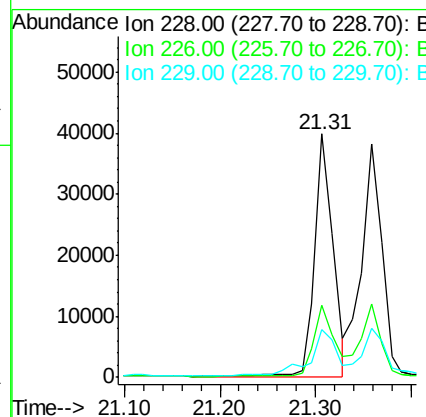
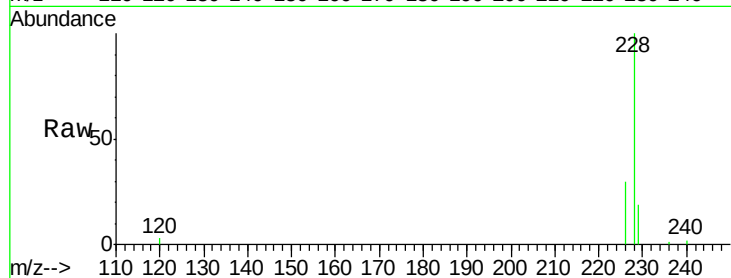
#20
Benzo(a)anthracene
Concen: 0.66 ng/ul
RT: 21.31 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Instrument :
BNA_M
ClientSampleId :
A4J45DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.7	18.8	28.2
229	19.4	17.1	25.7

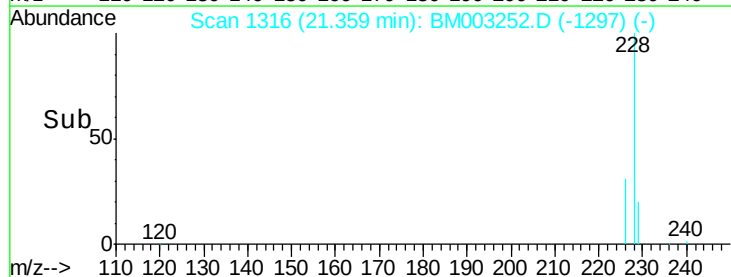
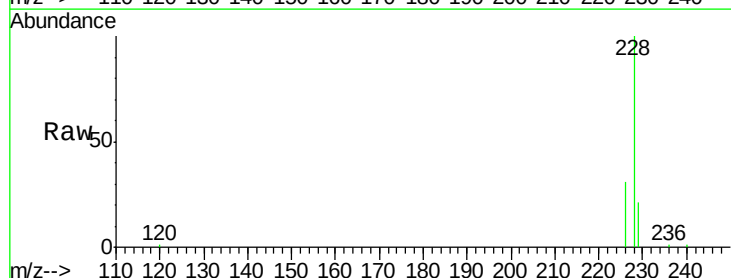
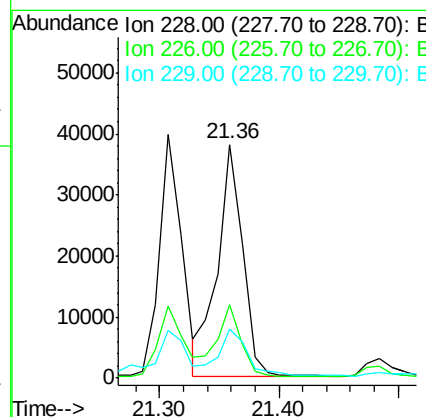
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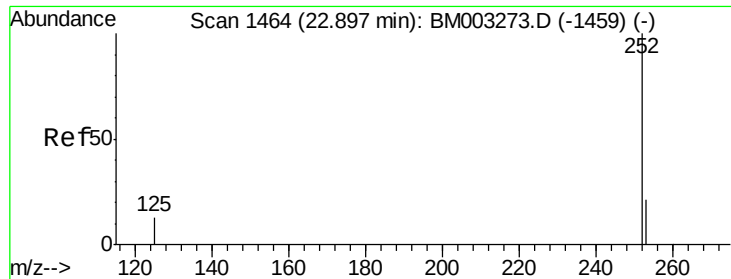
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#21
Chrysene
Concen: 0.63 ng/ul
RT: 21.36 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	21.2	31.8
229	21.0	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.73 ng/ul m

RT: 22.90 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Instrument :

BNA_M

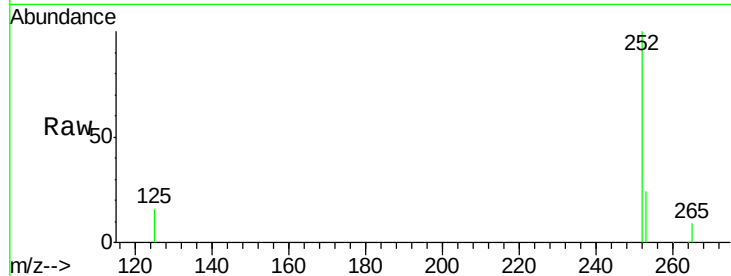
ClientSampleId :

A4J45DL

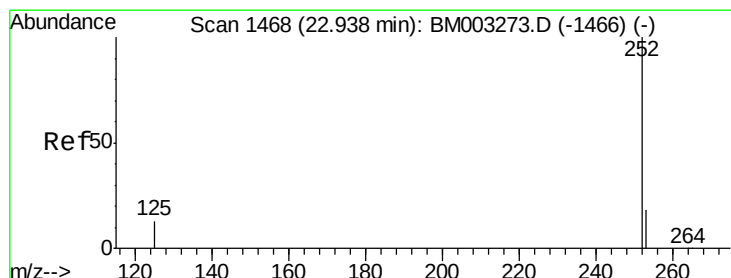
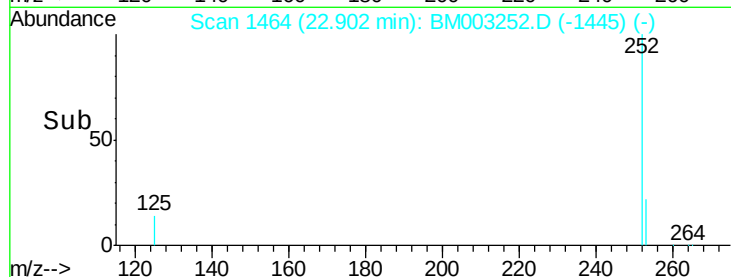
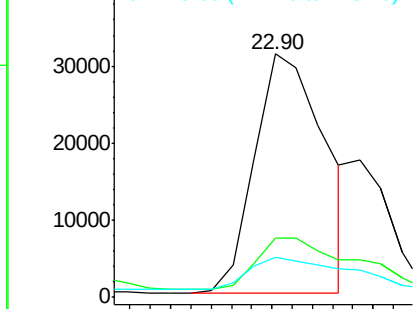
Manual Integrations
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Tot Ion:	252	Resp:	74884
Ion Ratio	Lower	Upper	
252	100		
253	24.3	0.0	45.4
125	16.3	0.0	28.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 0.28 ng/ul m

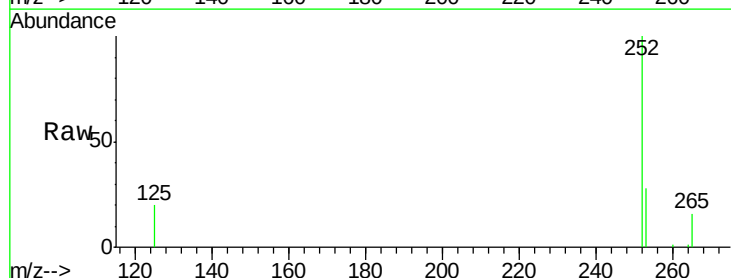
RT: 22.94 min Scan# 1468

Delta R.T. 0.00 min

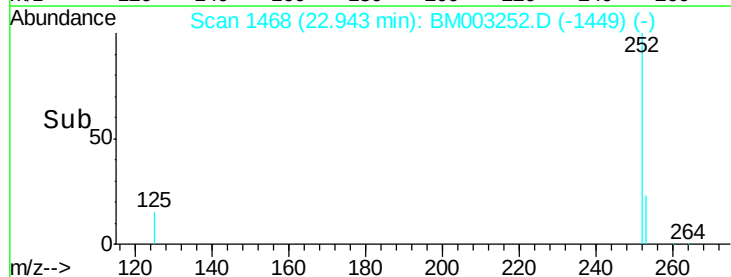
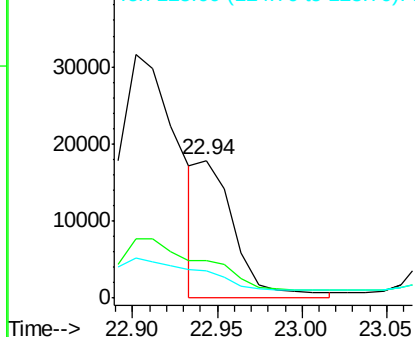
Lab File: BM003252.D

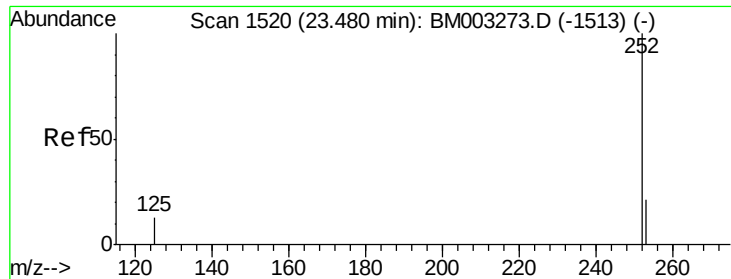
Acq: 21 Nov 2015 16:55

Tgt Ion:	252	Resp:	26870
Ion Ratio	Lower	Upper	
252	100		
253	27.5	19.8	29.8
125	19.8	10.4	15.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





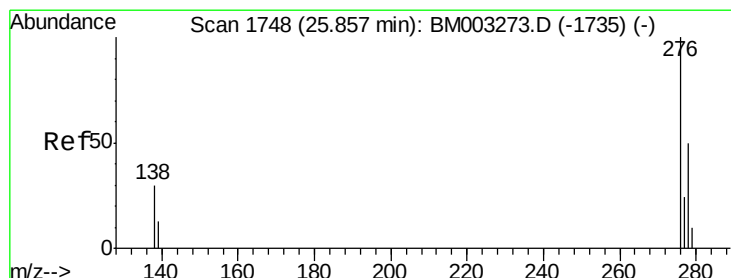
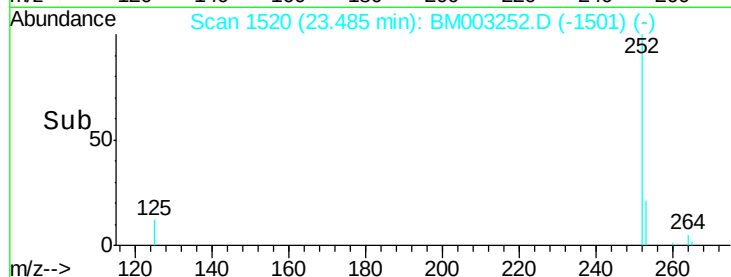
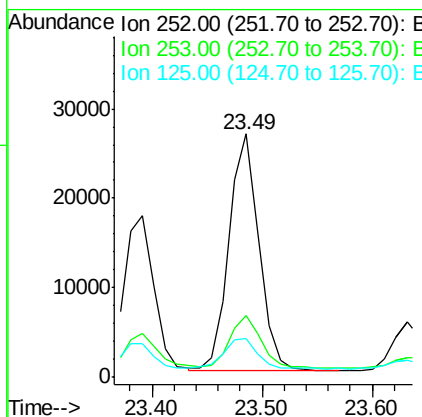
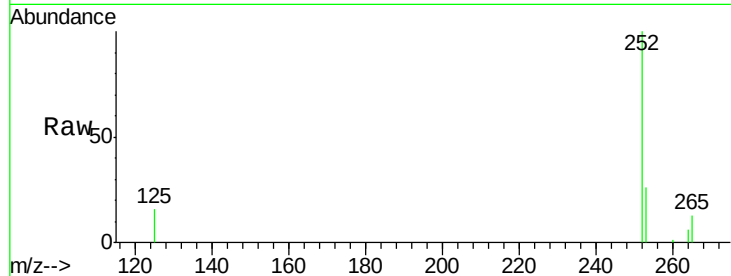
#25
Benzo(a)pyrene
Concen: 0.54 ng/ul
RT: 23.49 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Instrument :
BNA_M
ClientSampleId :
A4J45DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.4	29.2
125	15.7	12.7	19.1

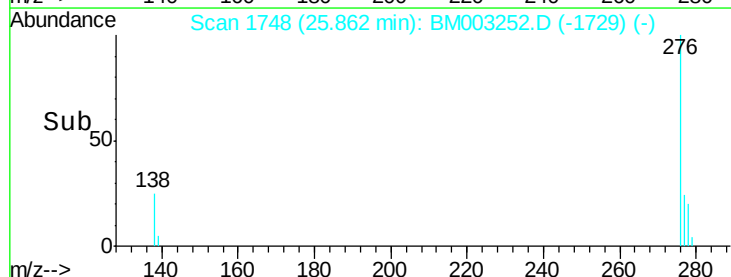
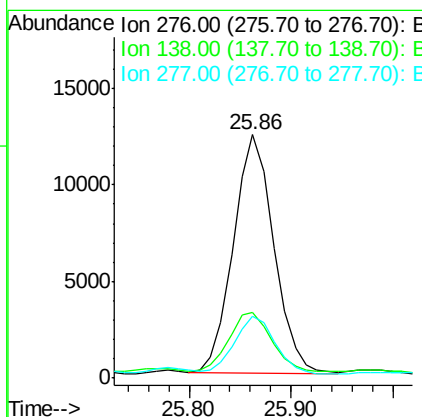
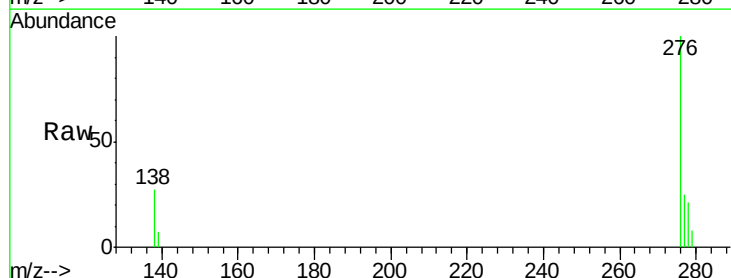
Manual Integrations
APPROVED

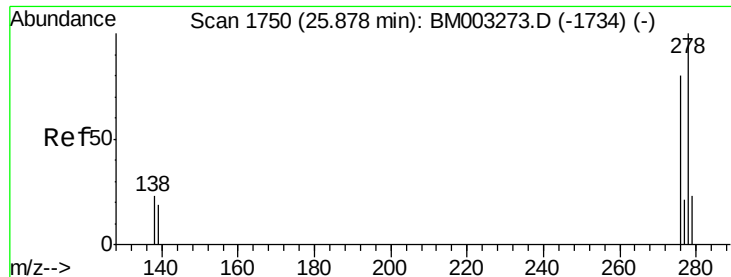
Mmdadoda
11/23/2015 7:04:02 PM



#26
Indeno(1,2,3-cd)pyrene
Concen: 0.31 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM003252.D
Acq: 21 Nov 2015 16:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	16.3	24.5#
277	24.3	19.8	29.8





#27

Dibenzo(a,h)anthracene

Concen: 0.10 ng/ul

RT: 25.87 min Scan# 1749

Delta R.T. -0.01 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Instrument :

BNA_M

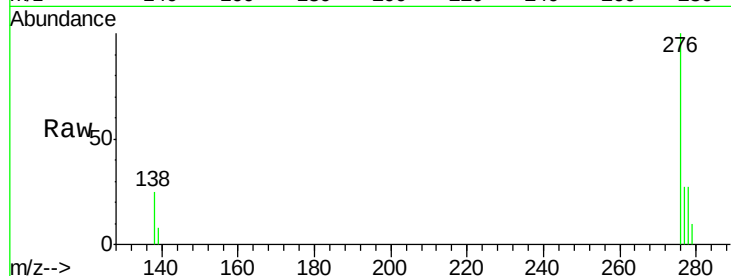
ClientSampleId :

A4J45DL

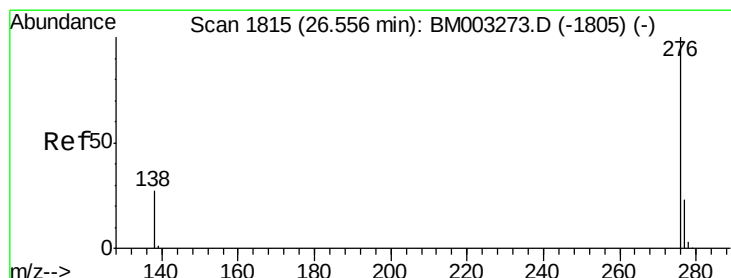
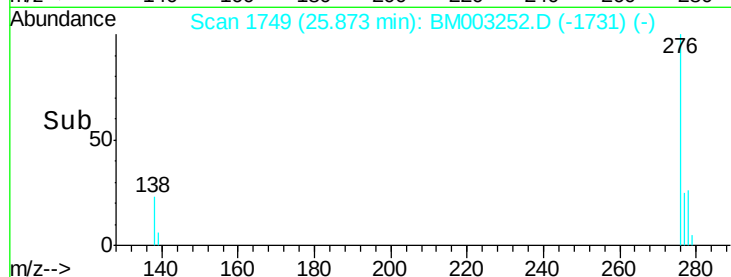
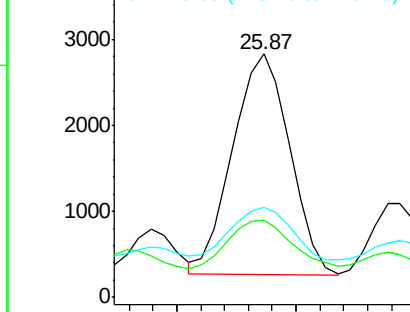
Tot Ion:	278	Resp:	8496
Ion Ratio	Lower	Upper	
278	100		
139	31.7	16.4	24.6#
279	37.0	20.2	30.2#

Manual Integrations
APPROVED

Mmdadoda
11/23/2015 7:04:02 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#28

Benzo(g,h,i)perylene

Concen: 0.30 ng/ul

RT: 26.56 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BM003252.D

Acq: 21 Nov 2015 16:55

Tgt Ion:	276	Resp:	28376
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.9	28.3
138	28.9	22.5	33.7

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

