

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042715\
 Data File : BM001120.D
 Acq On : 27 Apr 2015 15:54
 Operator : TP/IZ
 Sample : G1998-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1Q43

Manual Integrations
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apatel
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Quant Time: Apr 28 12:37:27 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM042715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 14:06:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	914	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	3281	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	1699	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	3846	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	3577	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	3402	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1541	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	3610	0.41	ng/ul	0.00
Target Compounds				Qvalue		
3) Naphthalene	10.37	128	2328	0.28	ng/ul	97
5) 2-Methylnaphthalene	12.00	142	3088	0.56	ng/ul	100
7) Acenaphthylene	13.91	152	2036	0.26	ng/ul	97
8) Acenaphthene	14.27	153	2192	0.36	ng/ul	98
9) Fluorene	15.26	166	3681	0.53	ng/ul	96
12) Phenanthrene	17.00	178	4725	0.43	ng/ul	99
13) Anthracene	17.09	178	5748	0.56	ng/ul	99
15) Fluoranthene	19.02	202	5089	0.40	ng/ul	99
17) Pyrene	19.40	202	5085	0.38	ng/ul#	91
18) Benzo(a)anthracene	21.15	228	5727	0.50	ng/ul	91
19) Chrysene	21.20	228	5761	0.46	ng/ul	92
21) Benzo(b)fluoranthene	22.67	252	7640	0.64	ng/ul	96
22) Benzo(k)fluoranthene	22.71	252	3325m	0.26	ng/ul	
23) Benzo(a)pyrene	23.22	252	5144	0.43	ng/ul	97
25) Dibenzo(a,h)anthracene	25.49	278	7810	0.71	ng/ul	95
26) Benzo(g,h,i)perylene	26.13	276	3438	0.29	ng/ul	98

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

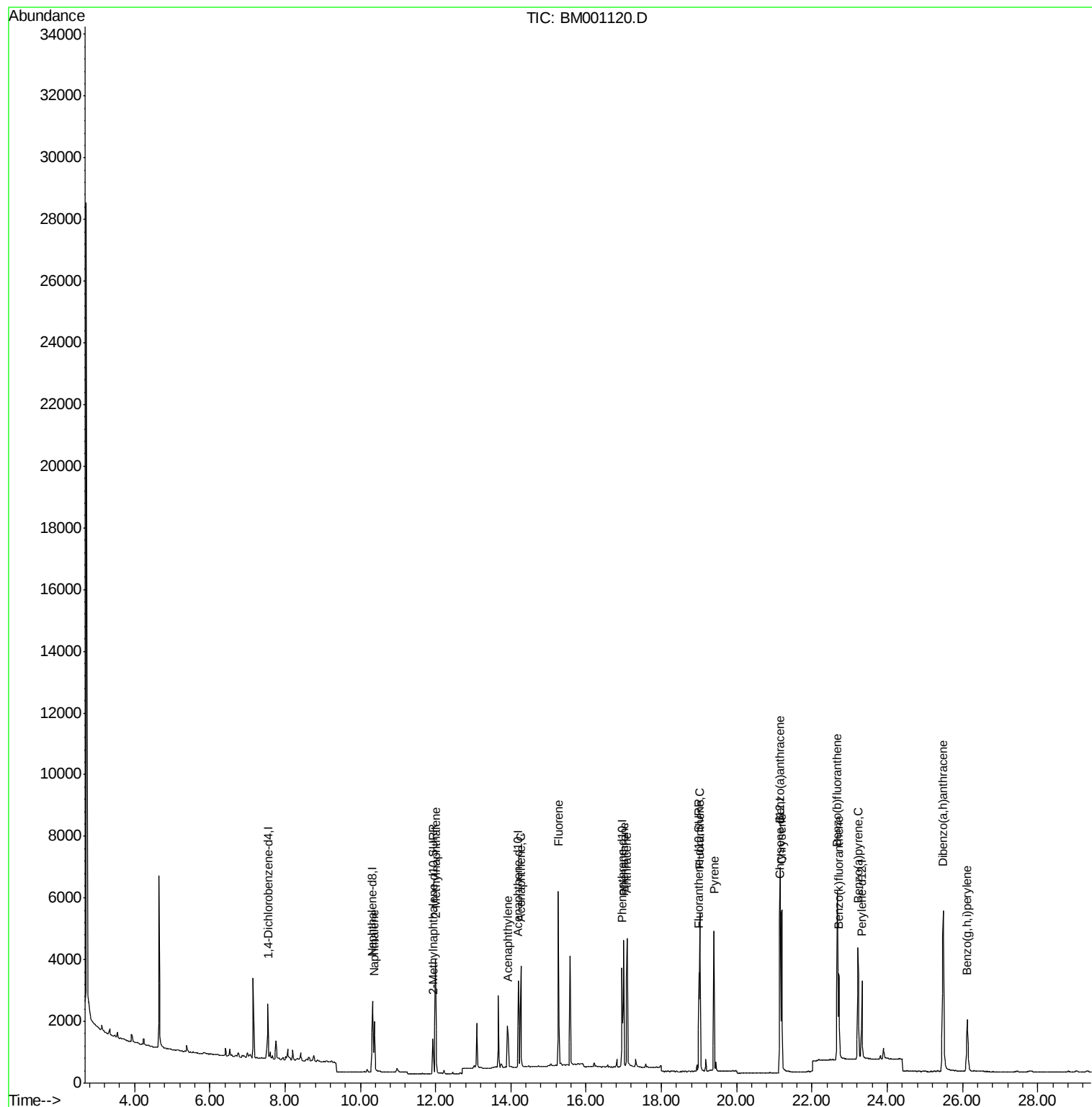
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042715\
Data File : BM001120.D
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Sample : G1998-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

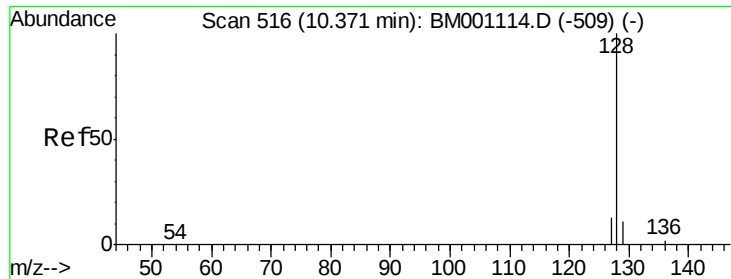
Instrument :
BNA_M
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X1Q43

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Quant Time: Apr 28 12:37:27 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM042715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 27 14:06:45 2015
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.28 ng/ul

RT: 10.37 min Scan# 516

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

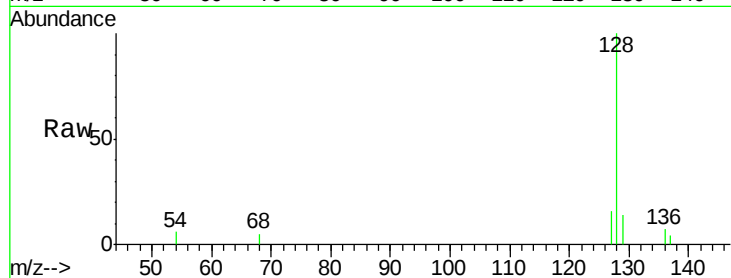
ClientSampleId :

X1Q43

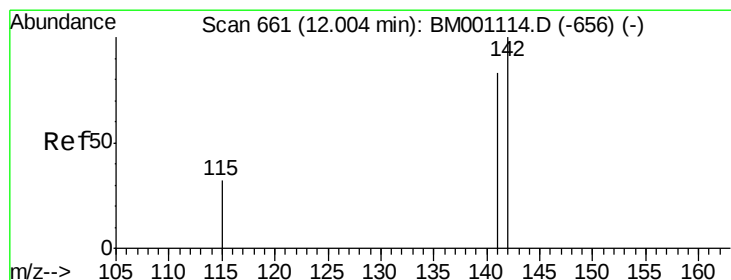
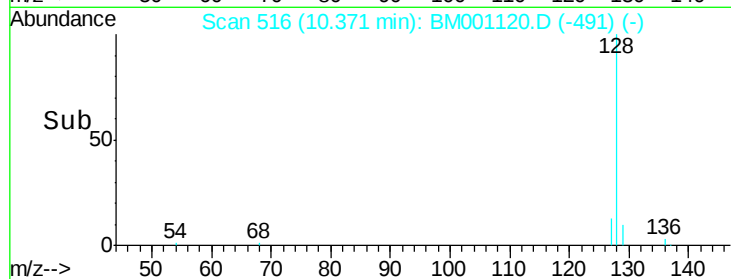
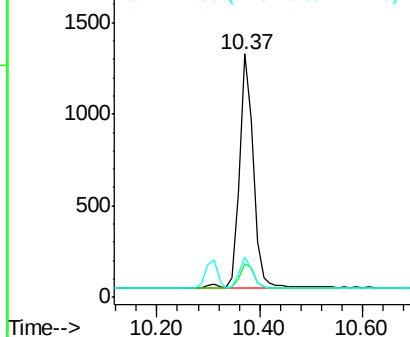
Tgt Ion:	128	Resp:	2328
Ion Ratio	Lower	Upper	
128	100		
129	13.6	10.2	15.4
127	16.5	11.7	17.5

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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



#5

2-Methylnaphthalene

Concen: 0.56 ng/ul

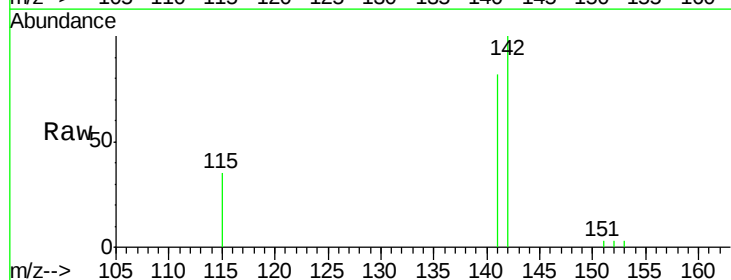
RT: 12.00 min Scan# 661

Delta R.T. -0.00 min

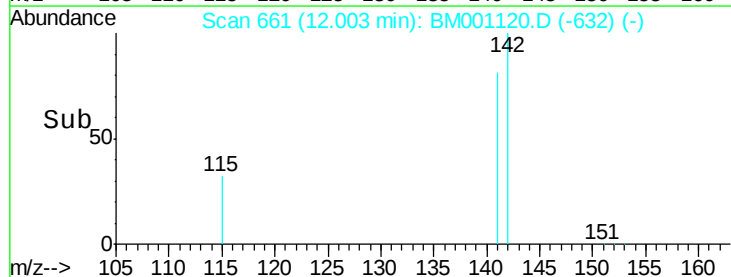
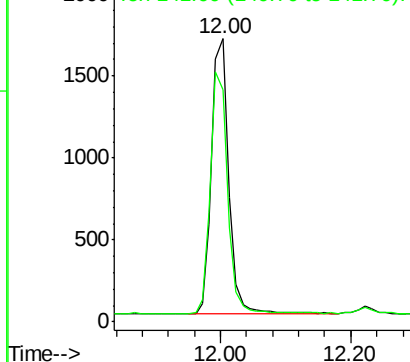
Lab File: BM001120.D

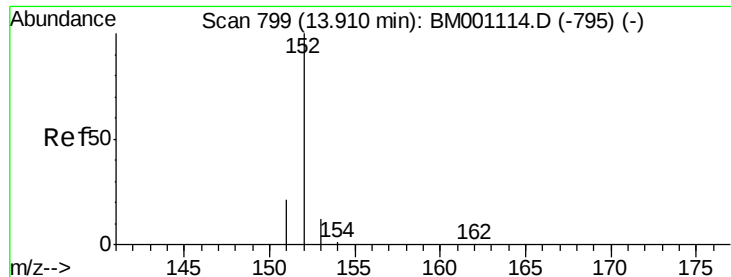
Acq: 27 Apr 2015 15:54

Tgt Ion:	142	Resp:	3088
Ion Ratio	Lower	Upper	
142	100		
141	88.3	70.6	106.0



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





#7

Acenaphthylene

Concen: 0.26 ng/ul

RT: 13.91 min Scan# 799

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

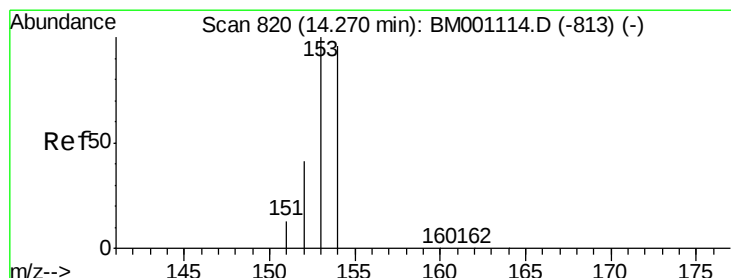
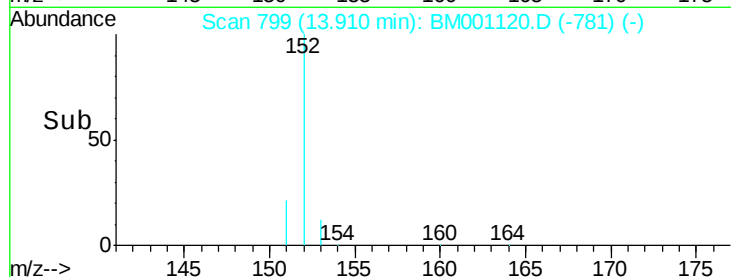
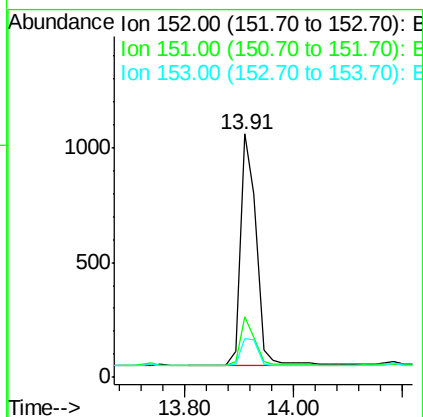
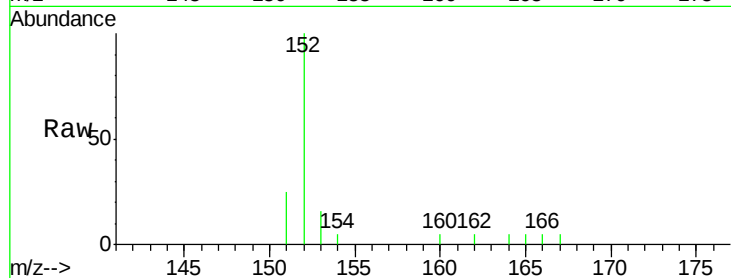
ClientSampleId :

X1Q43

Tgt Ion:	152	Resp:	2036
Ion Ratio	Lower	Upper	
152	100		
151	24.7	18.7	28.1
153	15.9	11.6	17.4

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#8

Acenaphthene

Concen: 0.36 ng/ul

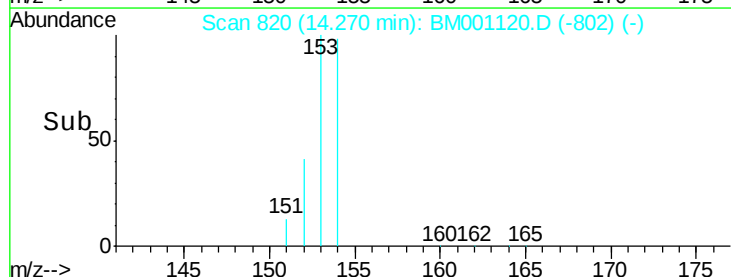
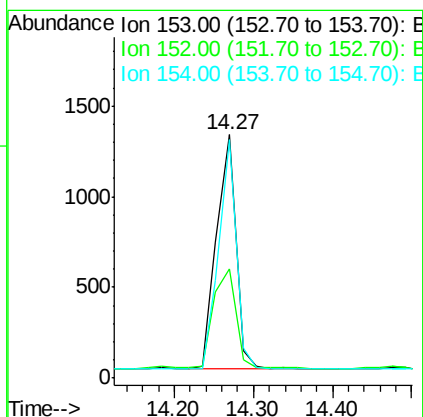
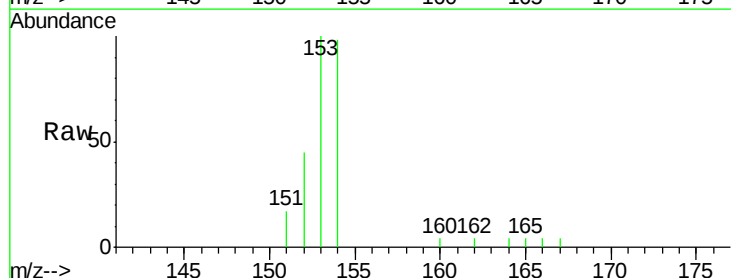
RT: 14.27 min Scan# 820

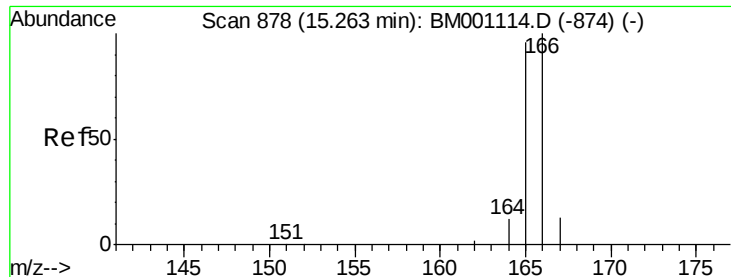
Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Tgt Ion:	153	Resp:	2192
Ion Ratio	Lower	Upper	
153	100		
152	44.8	35.1	52.7
154	98.1	77.0	115.4





#9

Fluorene

Concen: 0.53 ng/ul

RT: 15.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

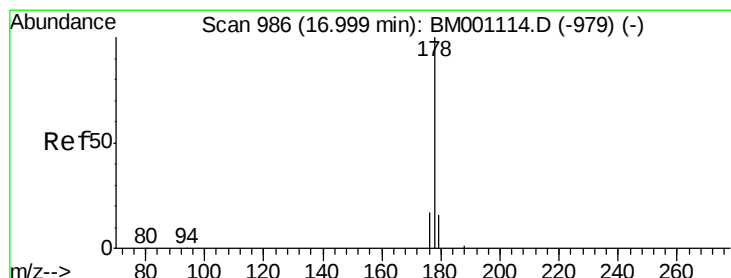
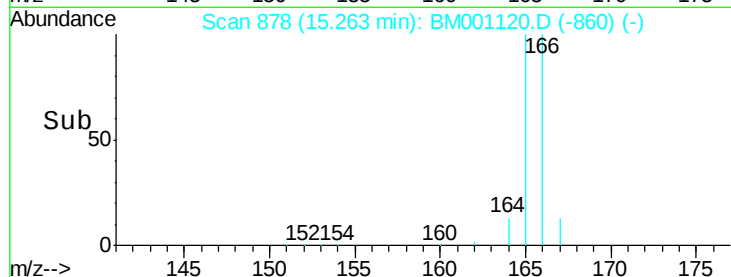
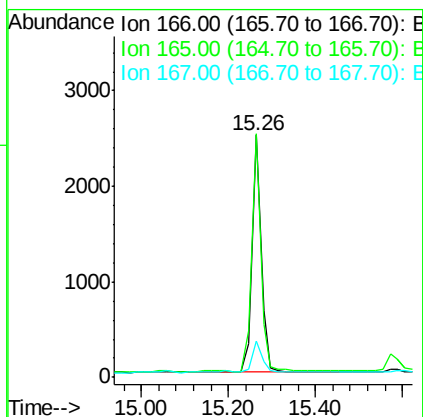
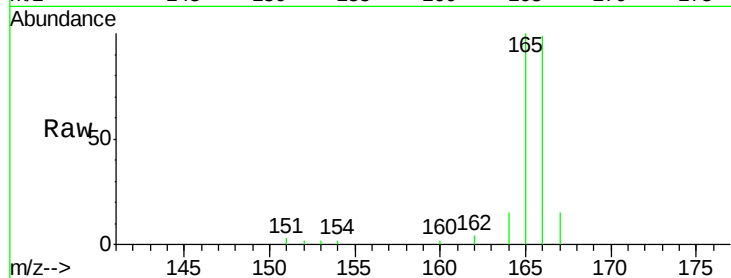
ClientSampleId :

X1Q43

Tgt Ion:	166	Resp:	3681
Ion Ratio	Lower	Upper	
166	100		
165	100.6	76.8	115.2
167	14.9	12.6	18.8

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#12

Phenanthrene

Concen: 0.43 ng/ul

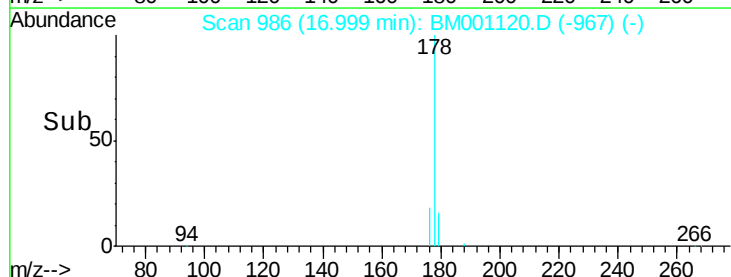
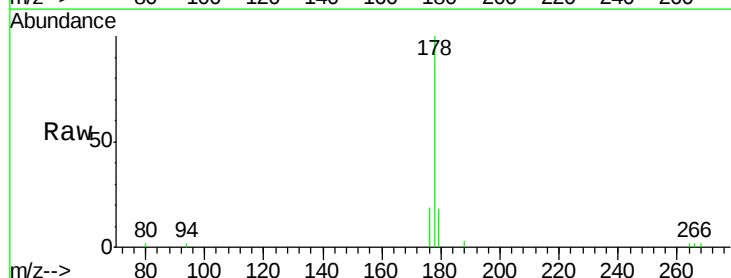
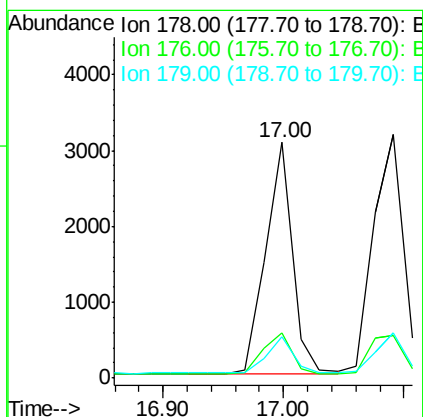
RT: 17.00 min Scan# 986

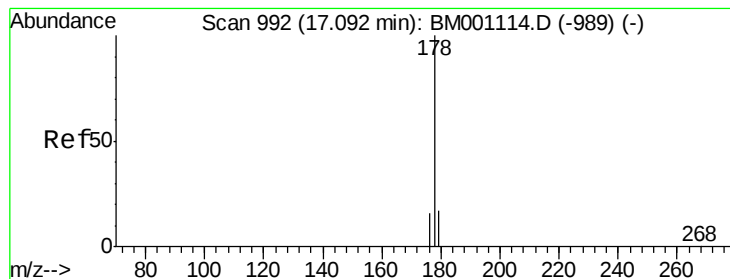
Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Tgt Ion:	178	Resp:	4725
Ion Ratio	Lower	Upper	
178	100		
176	19.3	14.9	22.3
179	17.8	14.2	21.4





#13

Anthracene

Concen: 0.56 ng/ul

RT: 17.09 min Scan# 992

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

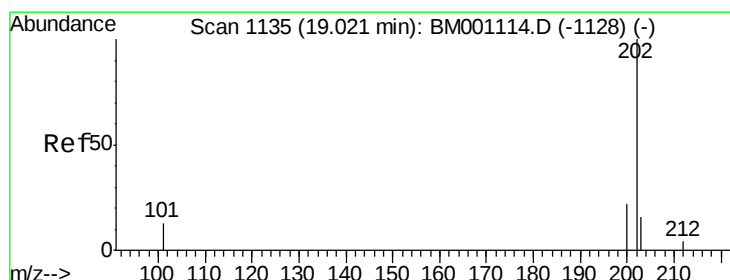
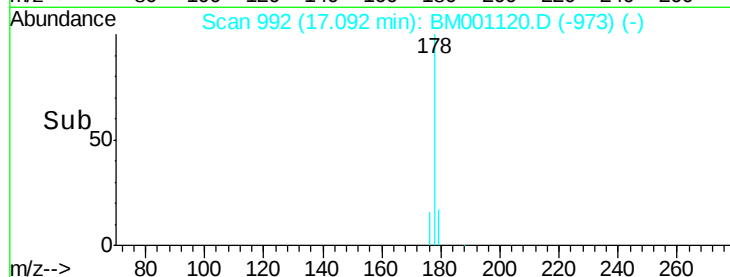
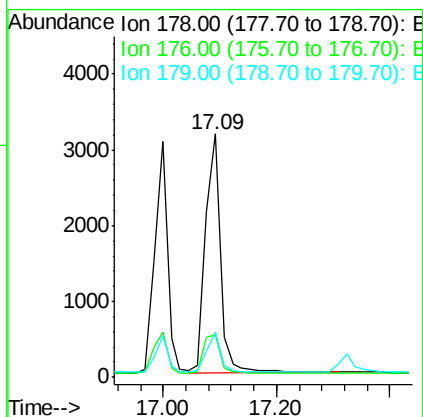
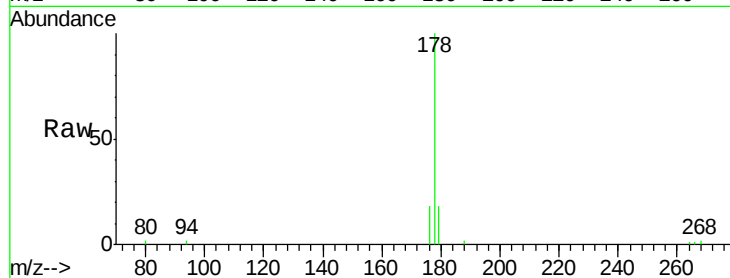
ClientSampleId :

X1Q43

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Tgt Ion:178 Resp: 5748
Ion Ratio Lower Upper
178 100
176 17.6 14.7 22.1
179 18.4 15.0 22.6



#15

Fluoranthene

Concen: 0.40 ng/ul

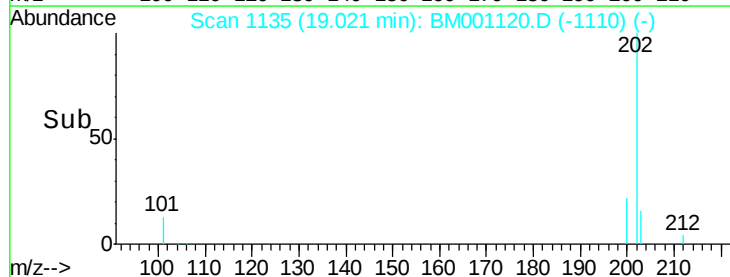
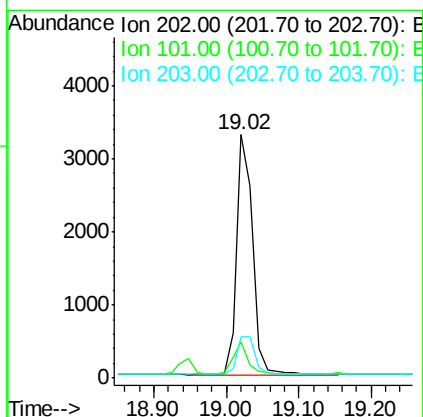
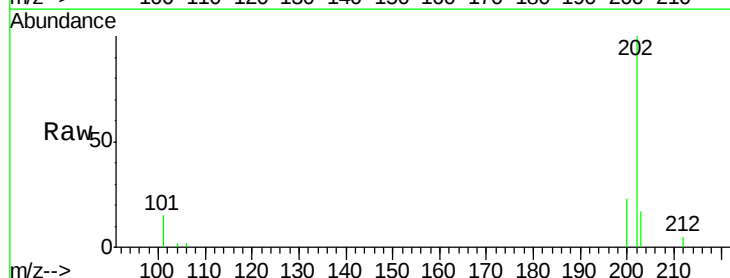
RT: 19.02 min Scan# 1135

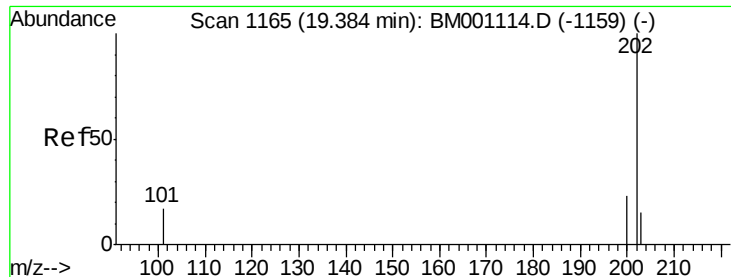
Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Tgt Ion:202 Resp: 5089
Ion Ratio Lower Upper
202 100
101 14.8 0.0 33.8
203 17.0 0.0 37.2





#17

Pyrene

Concen: 0.38 ng/ul

RT: 19.40 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

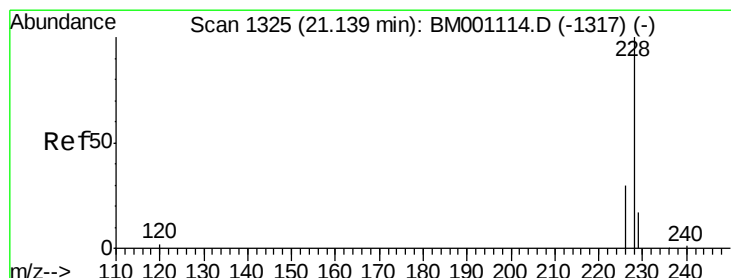
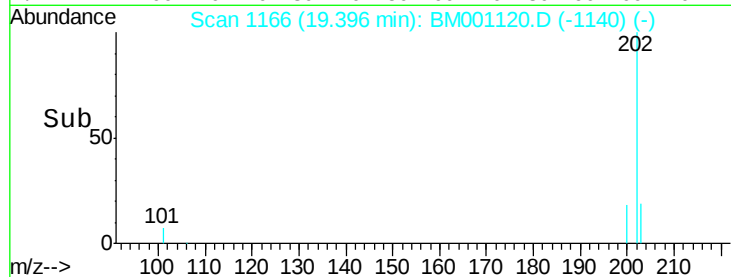
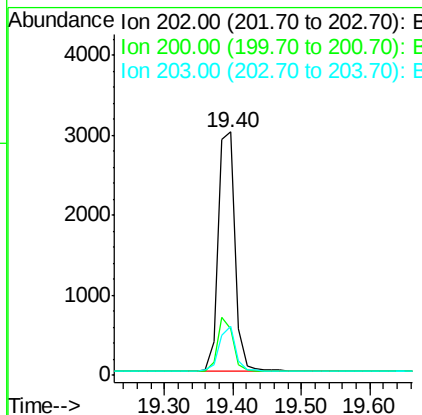
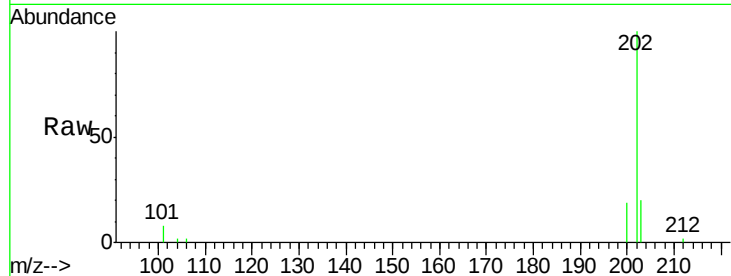
ClientSampleId :

X1Q43

Tgt Ion:	202	Resp:	5085
Ion Ratio	Lower	Upper	
202	100		
200	19.1	19.2	28.8#
203	20.3	13.2	19.8#

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#18

Benzo(a)anthracene

Concen: 0.50 ng/ul

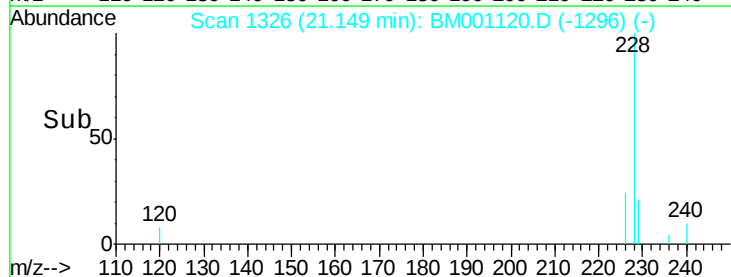
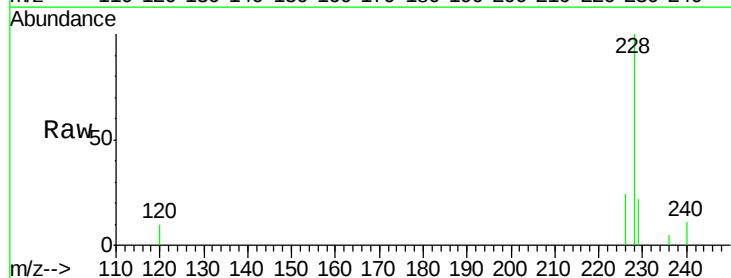
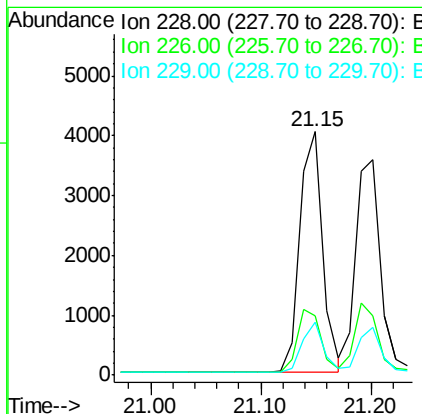
RT: 21.15 min Scan# 1326

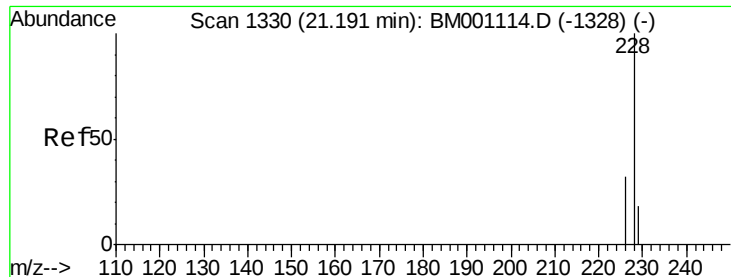
Delta R.T. 0.01 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Tgt Ion:	228	Resp:	5727
Ion Ratio	Lower	Upper	
228	100		
226	24.5	24.4	36.6
229	21.5	15.0	22.4





#19

Chrysene

Concen: 0.46 ng/ul

RT: 21.20 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

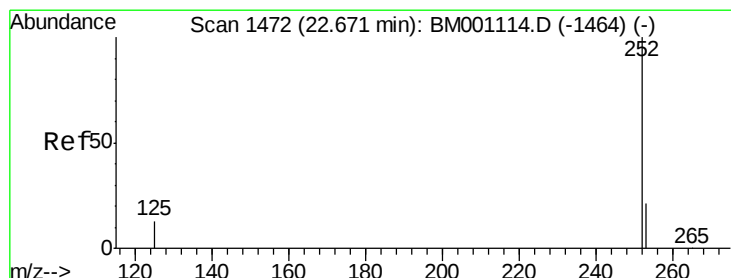
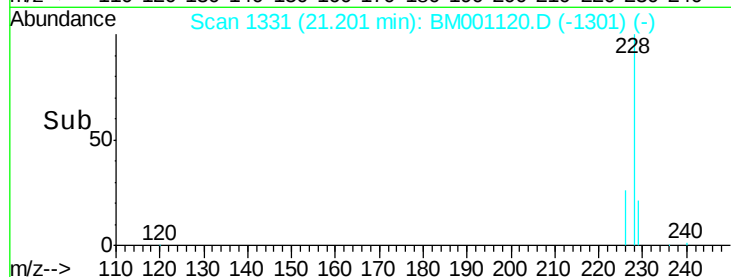
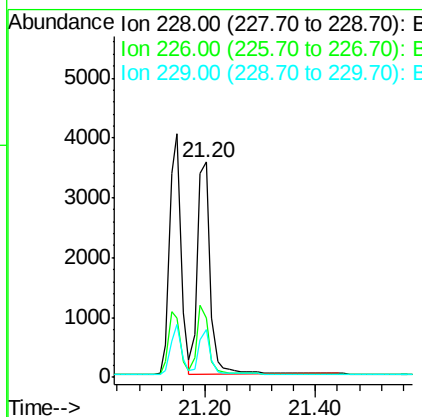
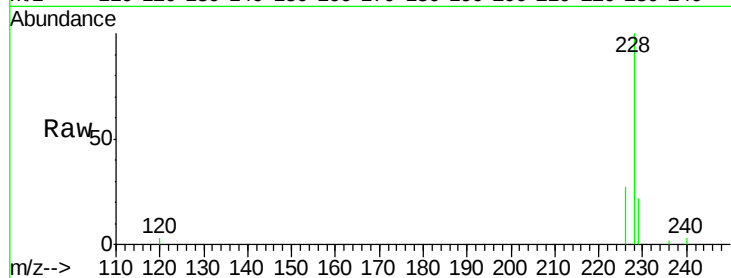
ClientSampleId :

X1Q43

Tgt Ion:	228	Resp:	5761
Ion Ratio	Lower	Upper	
228	100		
226	27.4	26.0	39.0
229	21.9	15.2	22.8

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#21

Benzo(b)fluoranthene

Concen: 0.64 ng/ul

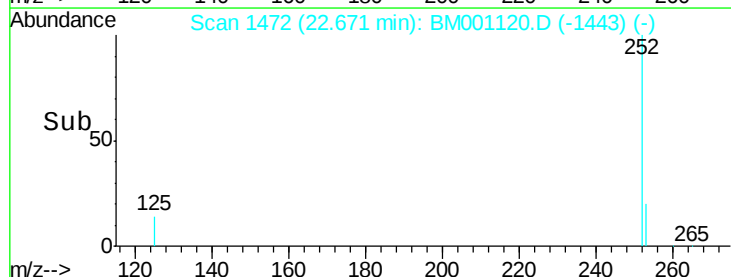
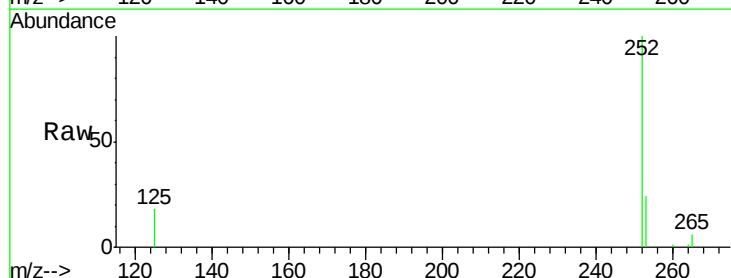
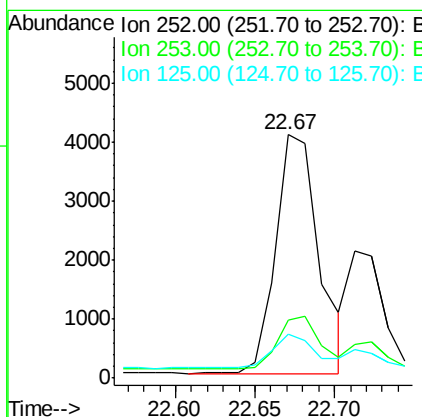
RT: 22.67 min Scan# 1472

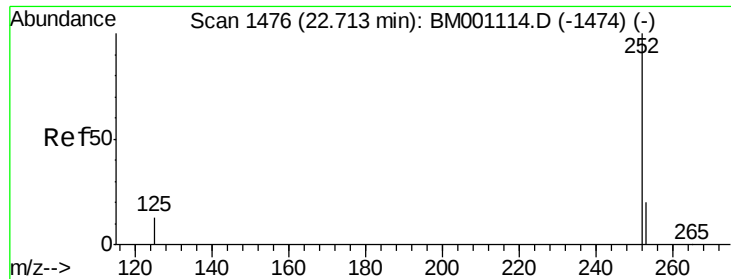
Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Tgt Ion:	252	Resp:	7640
Ion Ratio	Lower	Upper	
252	100		
253	23.6	0.0	49.8
125	18.1	0.0	31.6





#22

Benzo(k)fluoranthene

Concen: 0.26 ng/ul m

RT: 22.71 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Instrument :

BNA_M

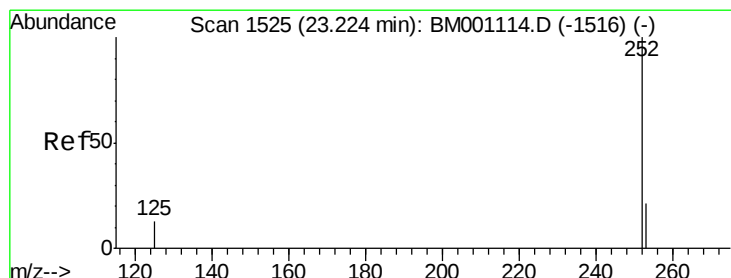
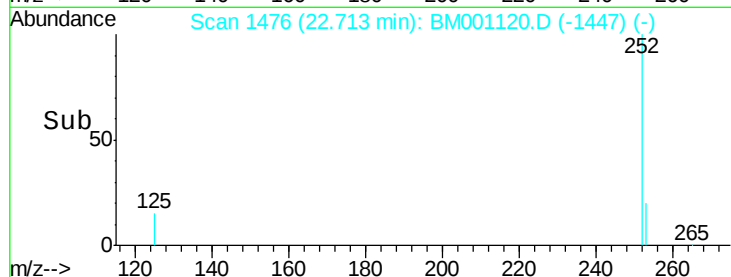
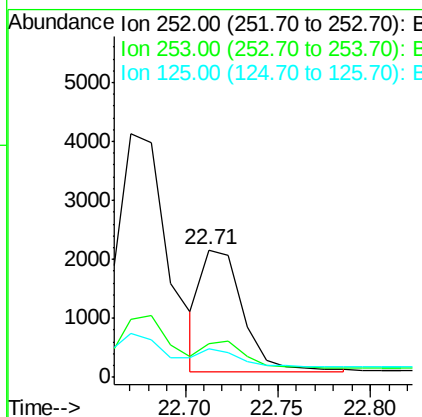
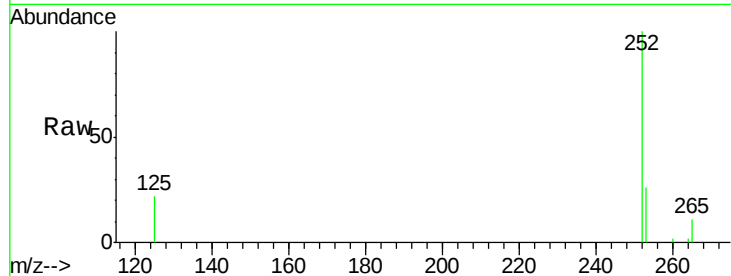
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.4	20.3	30.5
125	22.3	12.6	19.0

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#23

Benzo(a)pyrene

Concen: 0.43 ng/ul

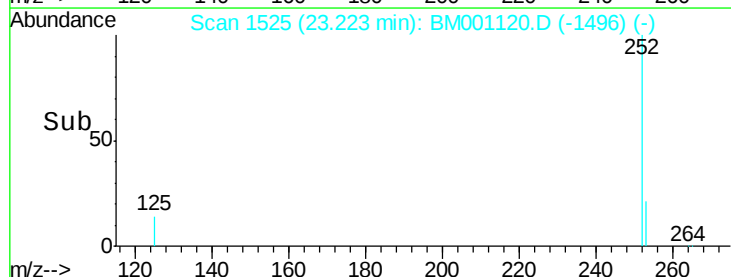
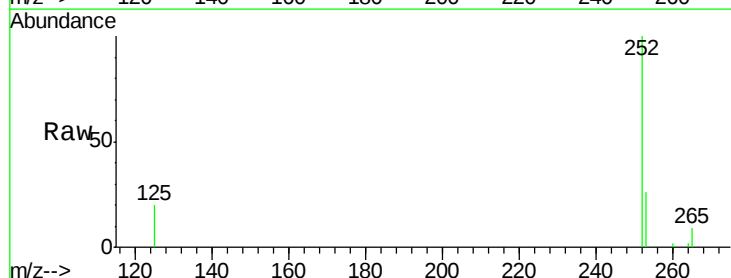
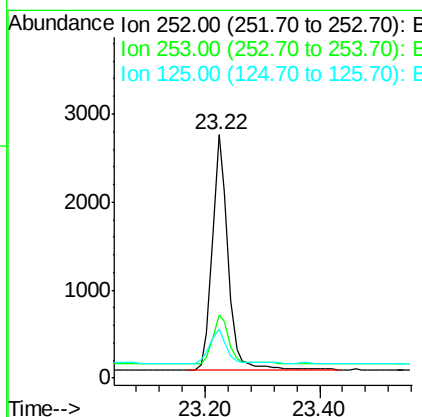
RT: 23.22 min Scan# 1525

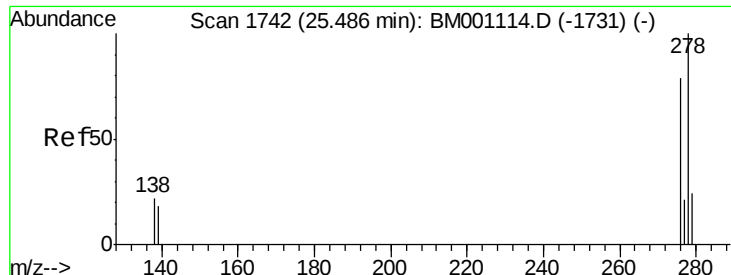
Delta R.T. -0.00 min

Lab File: BM001120.D

Acq: 27 Apr 2015 15:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.1	21.4	32.0
125	19.9	13.8	20.6





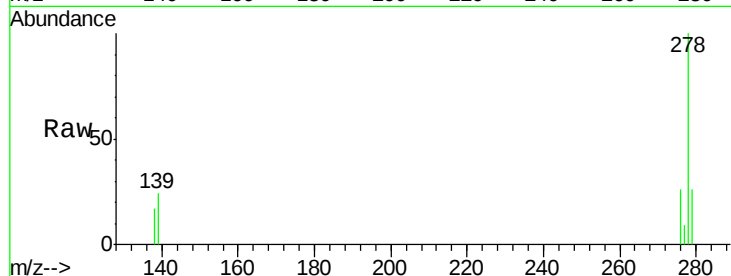
#25
Dibenzo(a,h)anthracene
Concen: 0.71 ng/ul
RT: 25.49 min Scan# 1742
Delta R.T. -0.00 min
Lab File: BM001120.D
Acq: 27 Apr 2015 15:54

Instrument :
BNA_M
ClientSampleId :
X1Q43

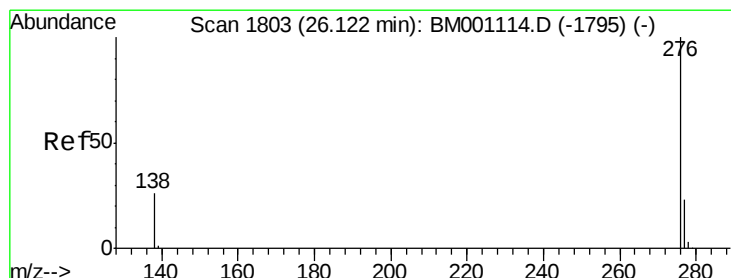
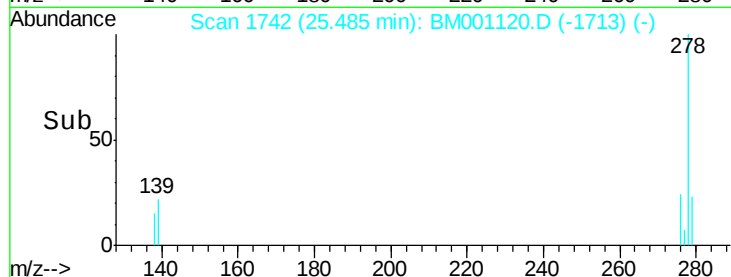
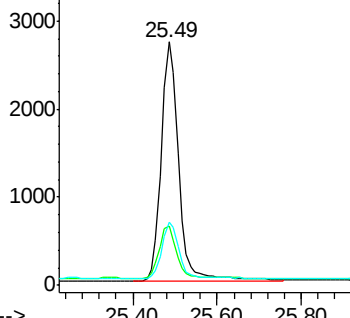
Tgt Ion:	278	Resp:	7810
Ion Ratio	Lower	Upper	
278	100		
139	24.3	17.3	25.9
279	25.7	22.2	33.4

Manual Integrations
APPROVED

apatel
4/28/2015 2:18:35 PM

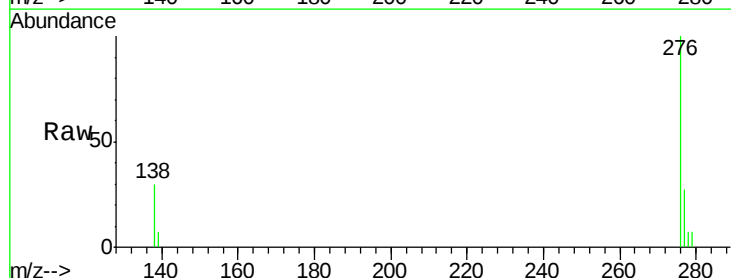


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 0.29 ng/ul
RT: 26.13 min Scan# 1804
Delta R.T. 0.01 min
Lab File: BM001120.D
Acq: 27 Apr 2015 15:54

Tgt Ion:	276	Resp:	3438
Ion Ratio	Lower	Upper	
276	100		
277	26.8	20.5	30.7
138	30.1	23.5	35.3



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

