

Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
 Data File : BM003275.D
 Acq On : 22 Nov 2015 10:55
 Operator : UM/IZ
 Sample : G4345-12DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4J54DL

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:05:11 PM

Quant Time: Nov 23 01:16:51 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 : Mon Nov 23 01:07:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	13262	0.40	ng/ul	0.00
4) Naphthalene-d8	10.52	136	53372	0.40	ng/ul	-0.01
8) Acenaphthene-d10	14.38	164	26192	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.12	188	50357	0.40	ng/ul	0.00
18) Chrysene-d12	21.33	240	43974	0.40	ng/ul	0.01
22) Perylene-d12	23.58	264	44029	0.40	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	8435	0.60	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.12	152	2655	0.04	ng/ul	0.00
16) Fluoranthene-d10	19.17	212	3993	0.03	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.57	128	3615	0.03	ng/ul#	89
7) 2-Methylnaphthalene	12.19	142	1673	0.02	ng/ul#	100
9) Acenaphthylene	14.09	152	4408	0.04	ng/ul#	93
13) Pentachlorophenol	16.78	266	685	0.06	ng/ul	94
14) Phenanthrene	17.16	178	70868m	0.48	ng/ul	
15) Anthracene	17.26	178	12024	0.10	ng/ul	96
17) Fluoranthene	19.19	202	143770	0.89	ng/ul	99
19) Pyrene	19.55	202	131987	0.88	ng/ul	99
20) Benzo(a)anthracene	21.31	228	58741	0.46	ng/ul	95
21) Chrysene	21.36	228	63404	0.44	ng/ul	98
23) Benzo(b)fluoranthene	22.91	252	86581m	0.52	ng/ul	
24) Benzo(k)fluoranthene	22.93	252	32724m	0.21	ng/ul	
25) Benzo(a)pyrene	23.48	252	58342	0.39	ng/ul	98
26) Indeno(1,2,3-cd)pyrene	25.86	276	42683	0.24	ng/ul#	94
27) Dibenzo(a,h)anthracene	25.87	278	9728	0.07	ng/ul#	73
28) Benzo(a,h,i)perylene	26.57	276	43319	0.28	ng/ul	98

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

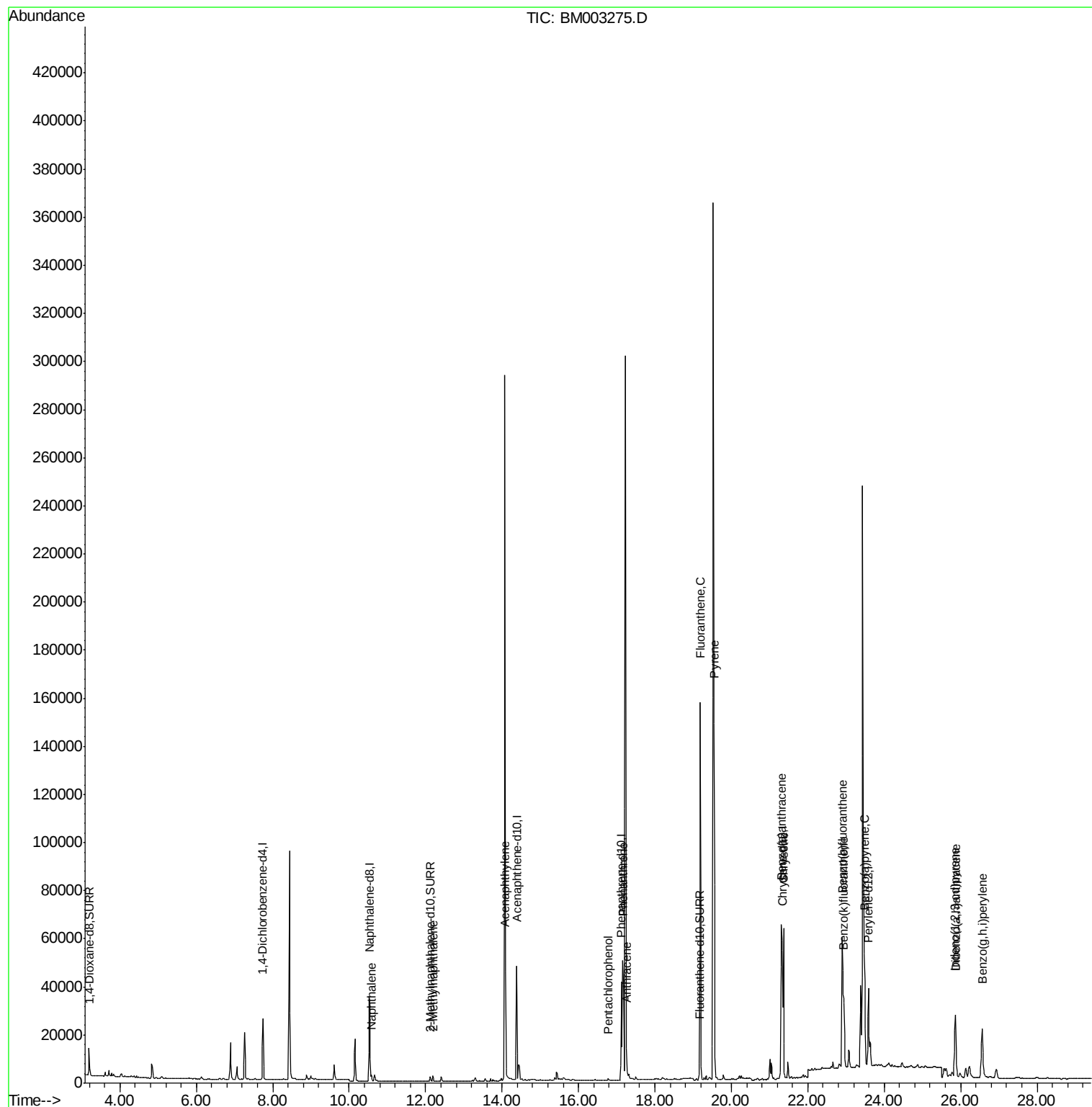
Data Path : V:\HPCHEM1\BNA M\DATA\BM112115\
Data File : BM003275.D
Acq On : 22 Nov 2015 10:55
Operator : UM/IZ
Sample : G4345-12DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

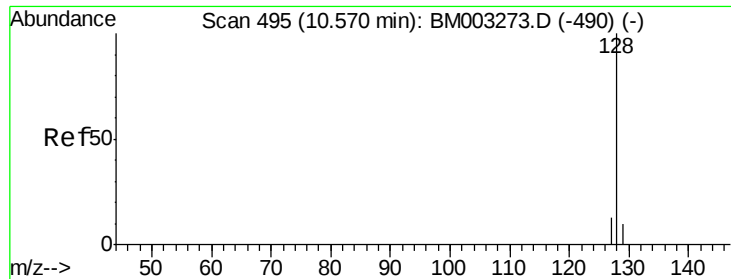
Instrument :
BNA_M
ClientSampleId :
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Quant Time: Nov 23 01:16:51 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-SIM-BM11815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 01:07:06 2015
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.03 ng/ul

RT: 10.57 min Scan# 495

Delta R.T. 0.00 min

Lab File: BM003275.D

Acq: 22 Nov 2015 10:55

Instrument :

BNA_M

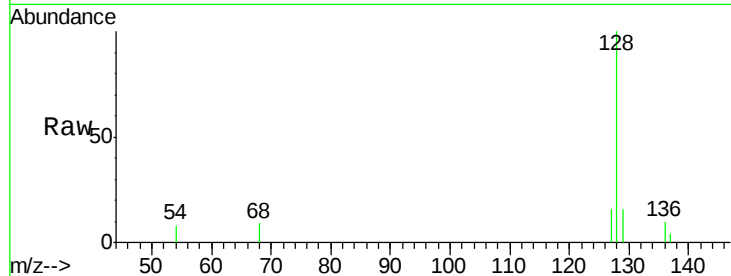
ClientSampleID :

A4J54DL

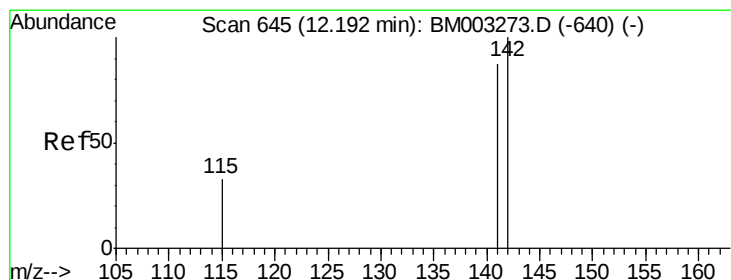
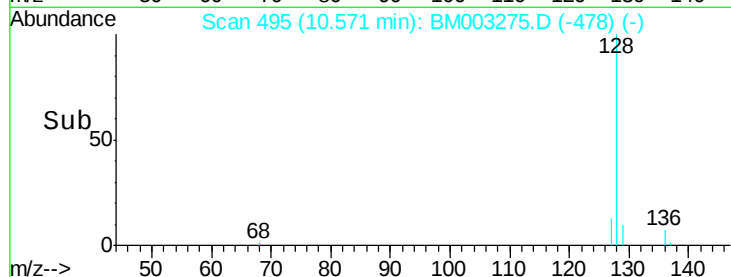
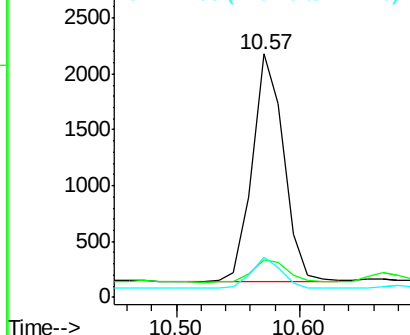
Tot Ion:	128	Resp:	3615
Ion Ratio	Lower	Upper	
128	100		
129	15.7	9.0	13.6#
127	16.3	9.6	14.4#

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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



#7

2-Methylnaphthalene

Concen: 0.02 ng/ul

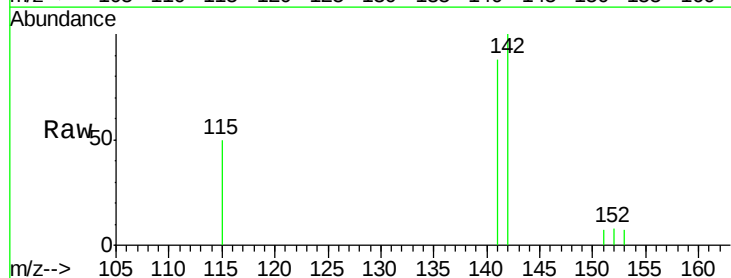
RT: 12.19 min Scan# 645

Delta R.T. 0.00 min

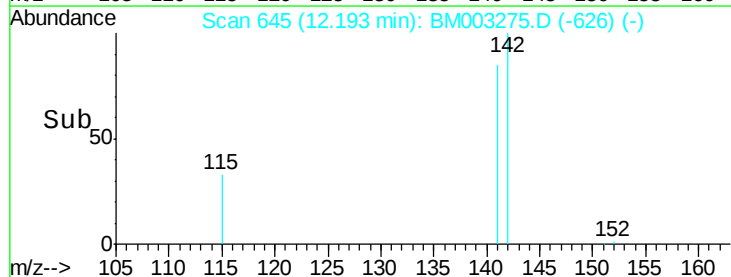
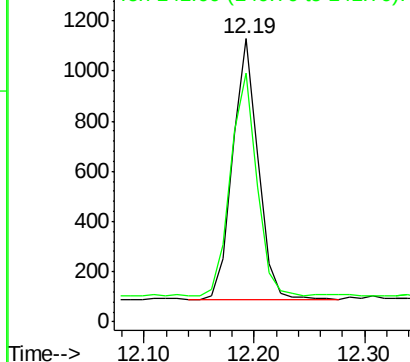
Lab File: BM003275.D

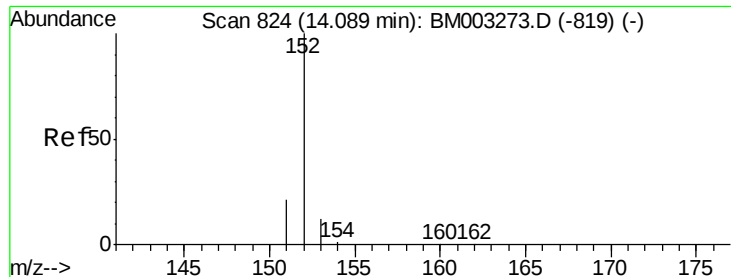
Acq: 22 Nov 2015 10:55

Tgt Ion:	142	Resp:	1673
Ion Ratio	Lower	Upper	
142	100		
141	88.6	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: 0.04 ng/ul

RT: 14.09 min Scan# 824

Delta R.T. 0.00 min

Lab File: BM003275.D

Acq: 22 Nov 2015 10:55

Instrument :

BNA_M

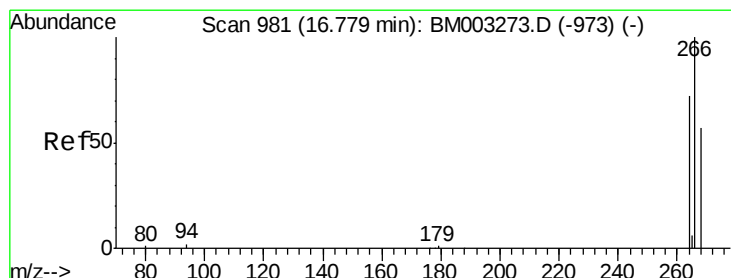
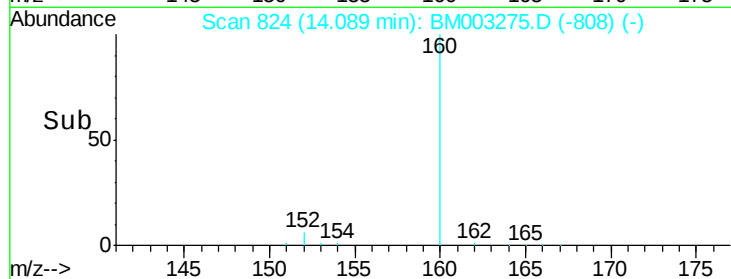
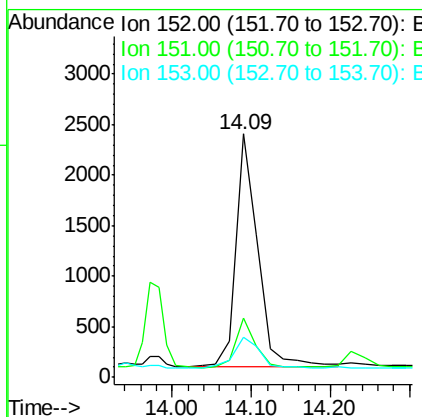
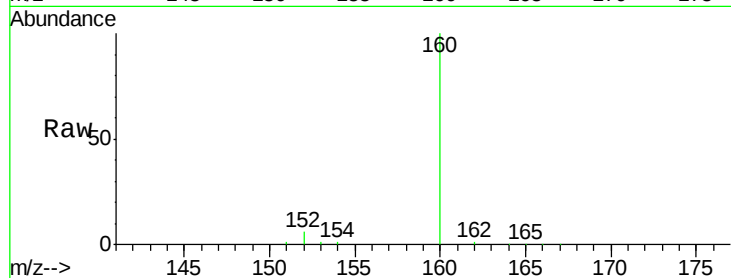
ClientSampleId :

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Tot Ion:	152	Resp:	4408
Ion Ratio	Lower	Upper	
152	100		
151	24.5	17.6	26.4
153	16.2	9.7	14.5#



#13

Pentachlorophenol

Concen: 0.06 ng/ul

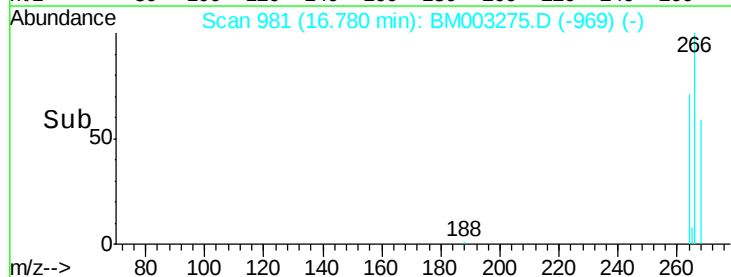
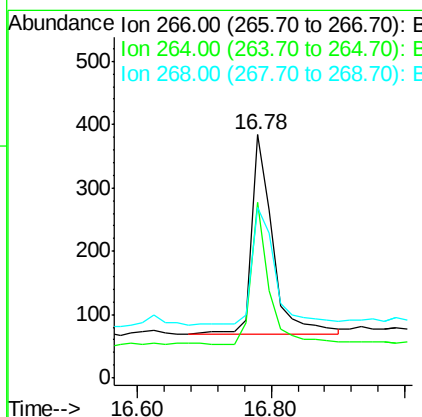
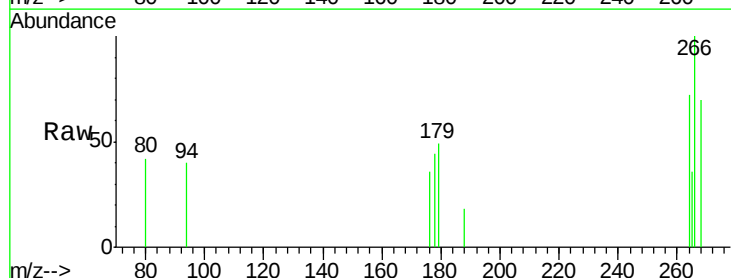
RT: 16.78 min Scan# 981

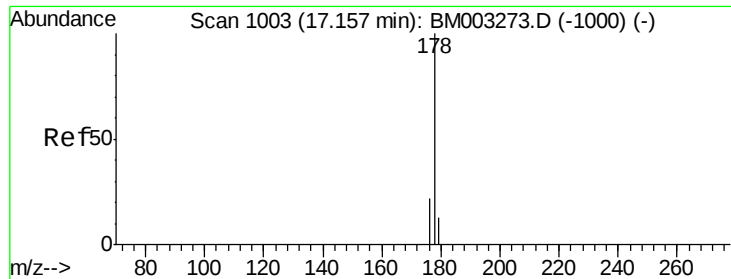
Delta R.T. 0.00 min

Lab File: BM003275.D

Acq: 22 Nov 2015 10:55

Tgt Ion:	266	Resp:	685
Ion Ratio	Lower	Upper	
266	100		
264	61.0	51.8	77.8
268	63.2	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: BM003275.D

Acq: 22 Nov 2015 10:55

Instrument :

BNA_M

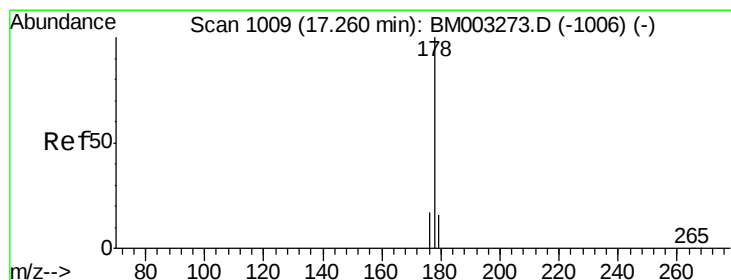
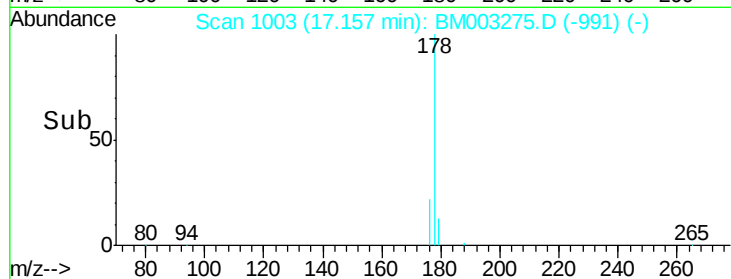
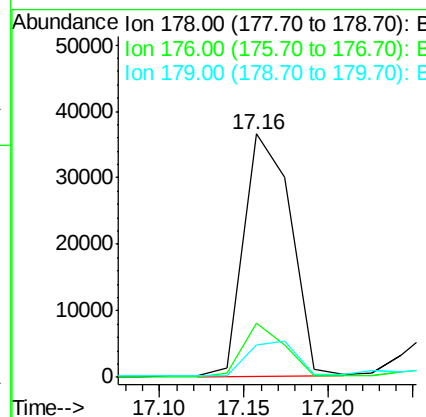
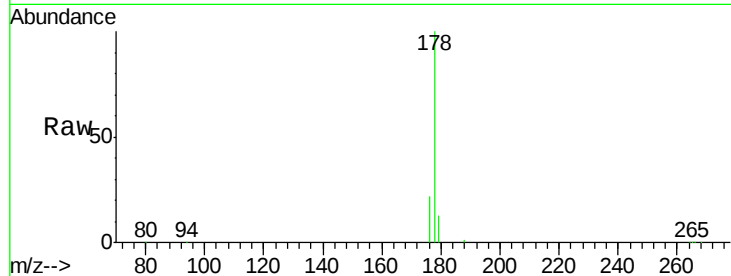
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
176	22.3	13.0	19.4#
179	13.4	14.2	21.2#



#15

Anthracene

Concen: 0.10 ng/ul

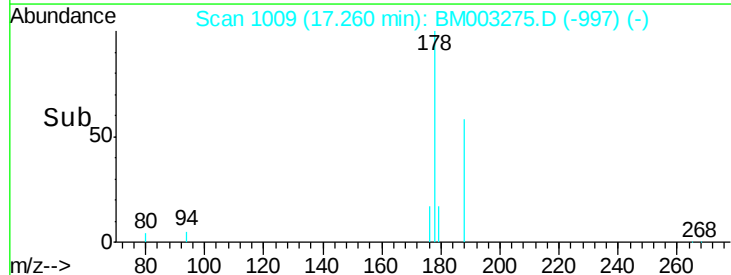
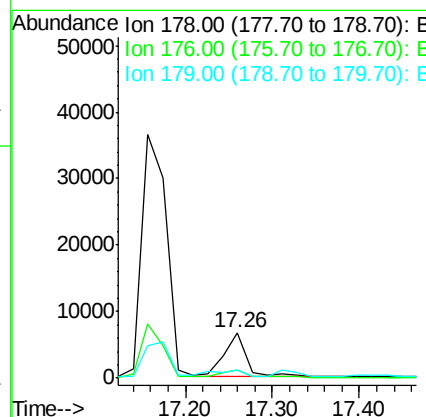
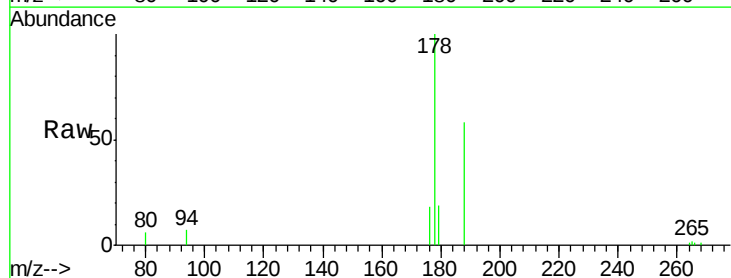
RT: 17.26 min Scan# 1009

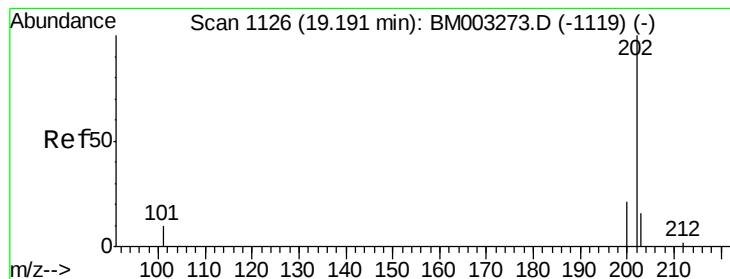
Delta R.T. 0.00 min

Lab File: BM003275.D

Acq: 22 Nov 2015 10:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.0	21.0
179	18.9	12.9	19.3





#17

Fluoranthene

Concen: 0.89 ng/ul

RT: 19.19 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM003275.D

Acq: 22 Nov 2015 10:55

Instrument :

BNA_M

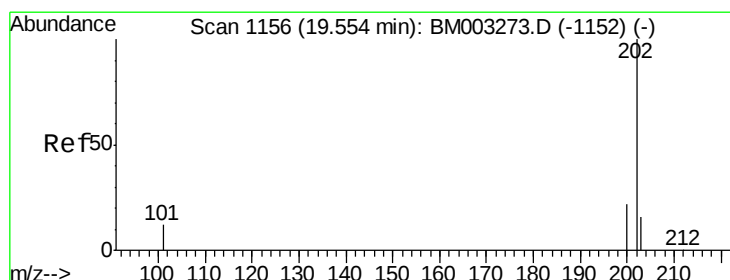
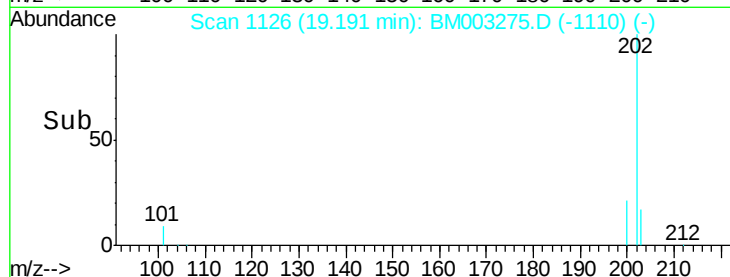
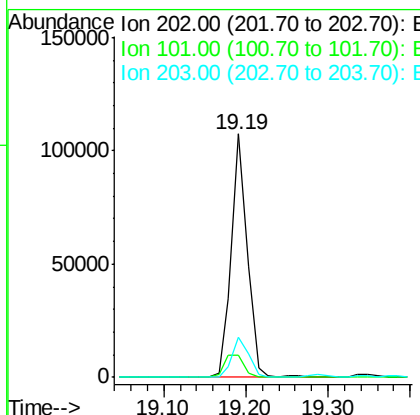
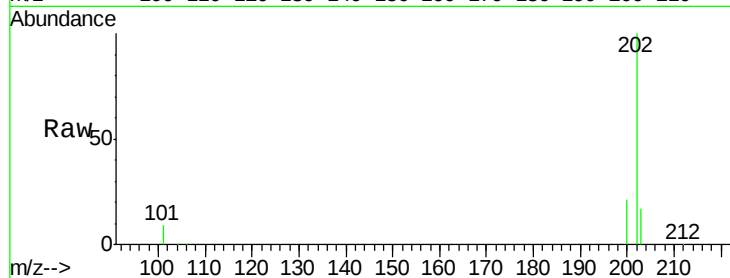
ClientSampleId :

A4J54DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		143770		
101	9.2	0.0	29.6		
203	16.7	0.0	36.3		

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#19

Pyrene

Concen: 0.88 ng/ul

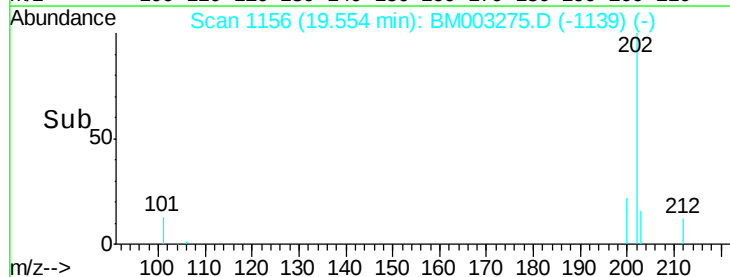
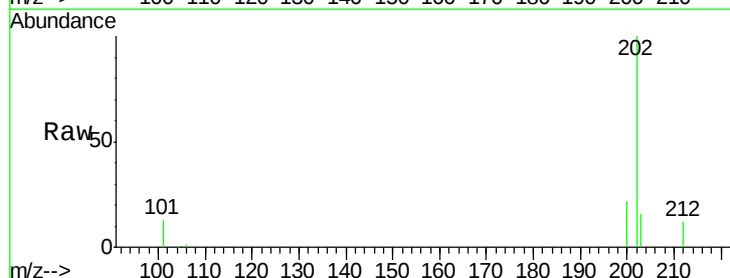
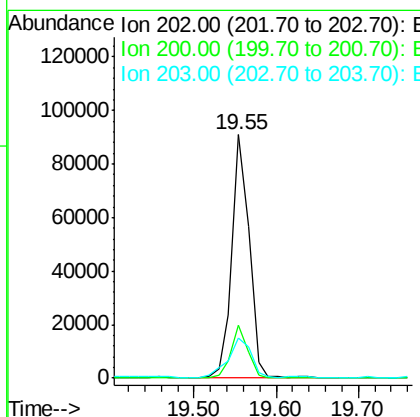
RT: 19.55 min Scan# 1156

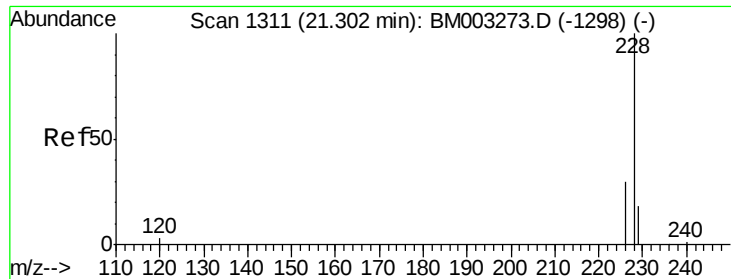
Delta R.T. 0.00 min

Lab File: BM003275.D

Acq: 22 Nov 2015 10:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		131987		
200	21.9	17.8	26.8		
203	16.5	12.8	19.2		





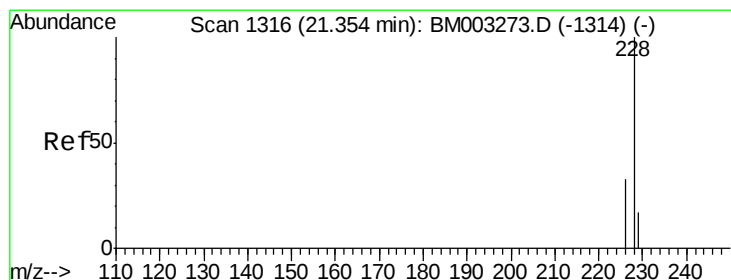
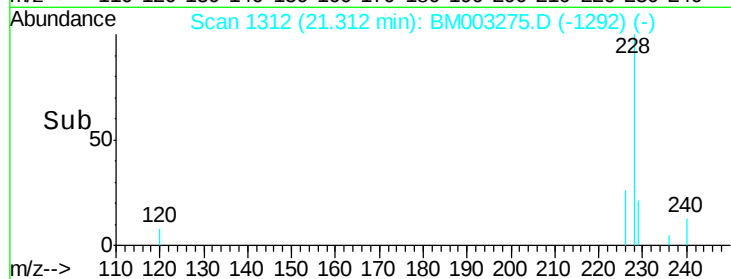
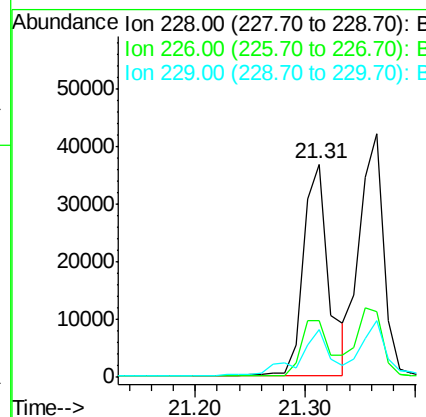
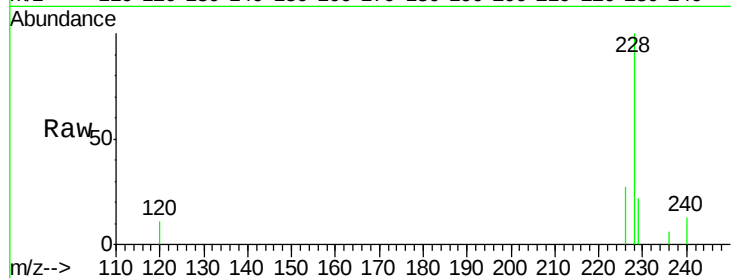
#20
Benzo(a)anthracene
Concen: 0.46 ng/ul
RT: 21.31 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BM003275.D
Acq: 22 Nov 2015 10:55

Instrument :
BNA_M
ClientSampleId :
A4J54DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	18.8	28.2
229	22.4	17.1	25.7

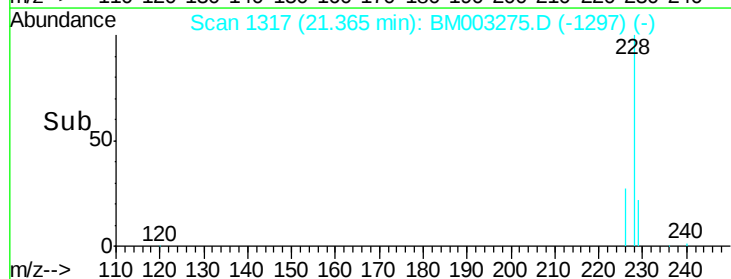
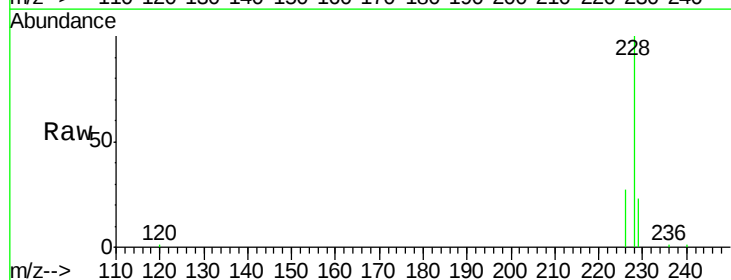
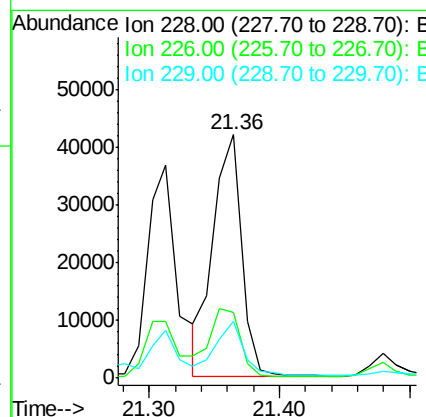
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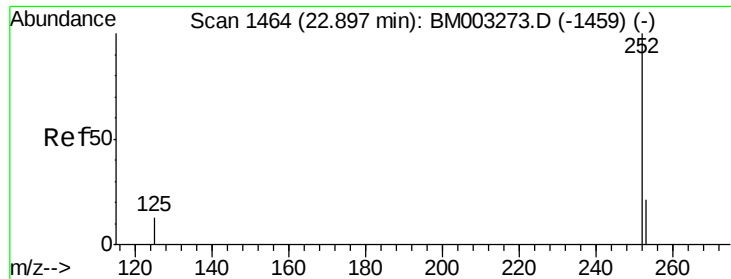
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#21
Chrysene
Concen: 0.44 ng/ul
RT: 21.36 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BM003275.D
Acq: 22 Nov 2015 10:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	23.1	17.0	25.6





#23

Benzo(b)fluoranthene

Concen: 0.52 ng/ul m

RT: 22.91 min Scan# 1465

Delta R.T. 0.01 min

Lab File: BM003275.D

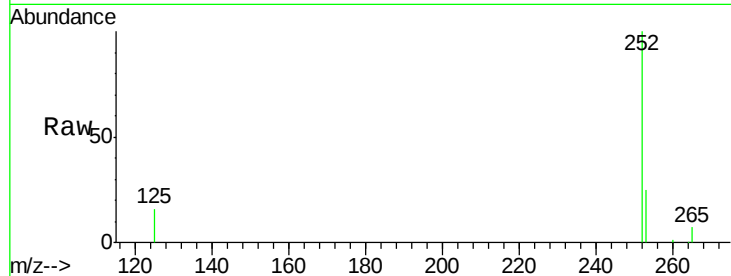
Acq: 22 Nov 2015 10:55

Instrument :

BNA_M

ClientSampleId :

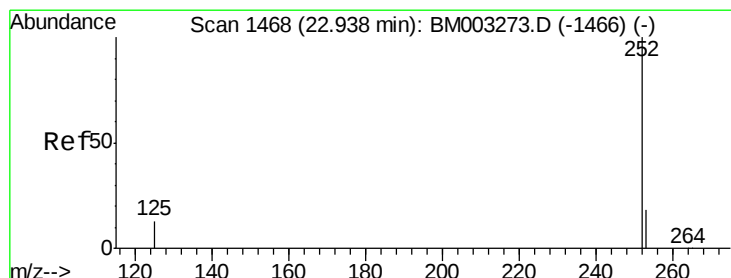
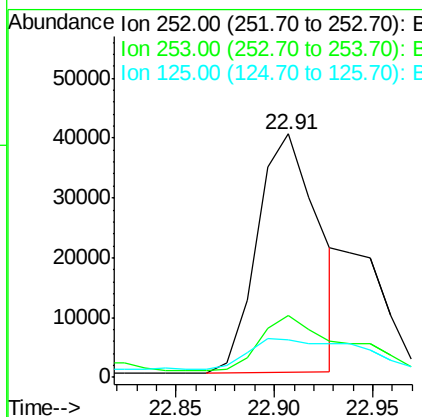
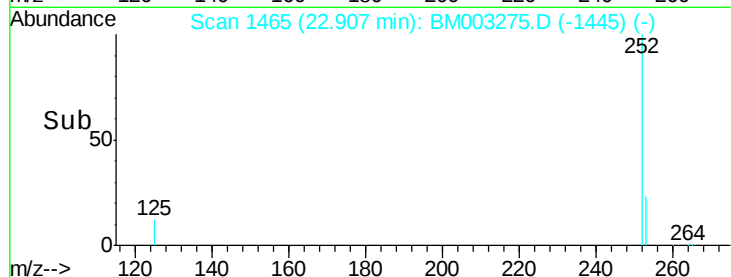
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Tot Ion:	252	Resp:	86581
Ion Ratio	Lower	Upper	
252	100		
253	25.2	0.0	45.4
125	15.5	0.0	28.8

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#24

Benzo(k)fluoranthene

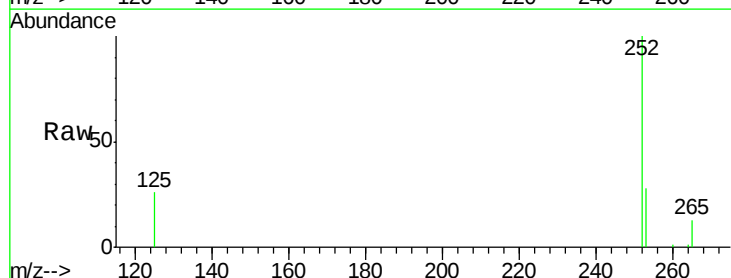
Concen: 0.21 ng/ul m

RT: 22.93 min Scan# 1467

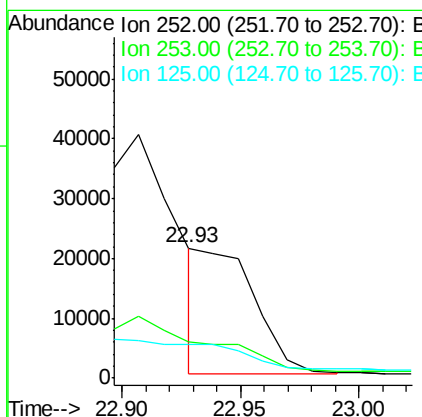
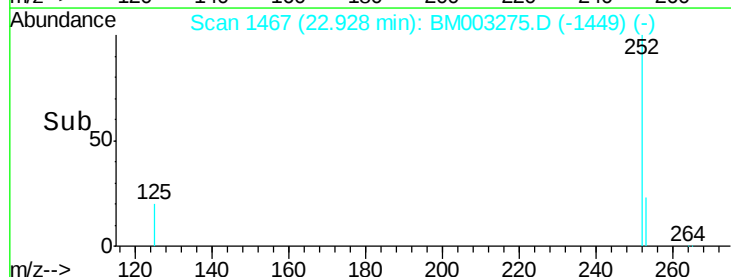
Delta R.T. -0.01 min

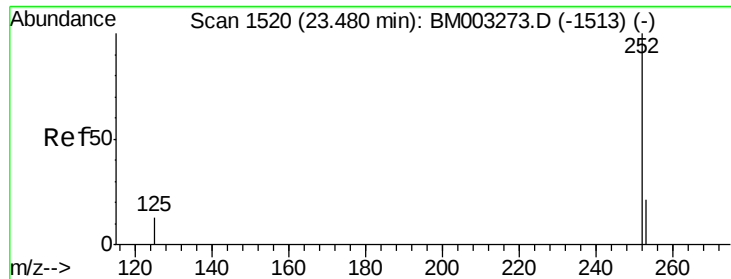
Lab File: BM003275.D

Acq: 22 Nov 2015 10:55



Tgt Ion:	252	Resp:	32724
Ion Ratio	Lower	Upper	
252	100		
253	27.6	19.8	29.8
125	25.8	10.4	15.6#





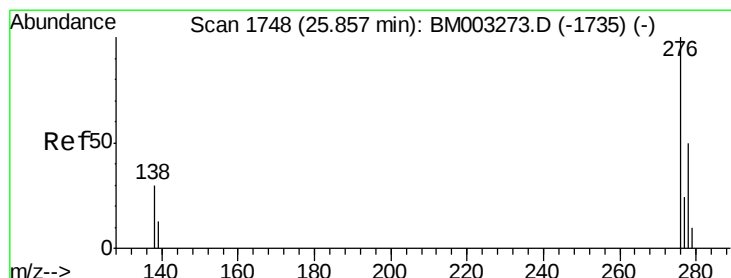
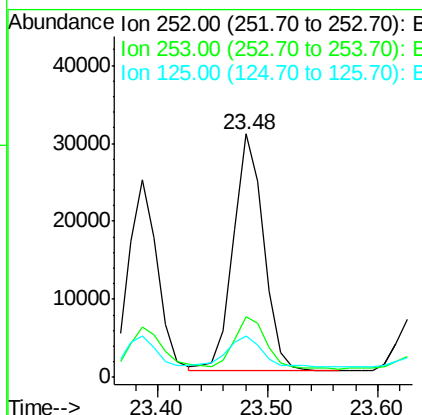
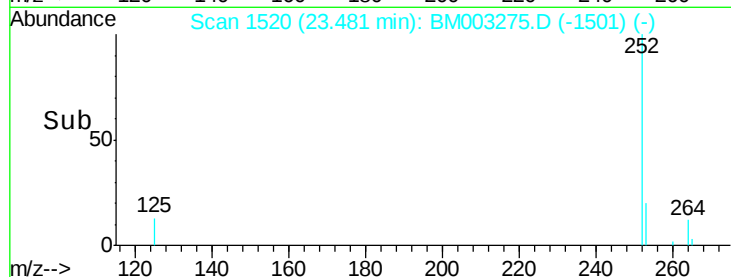
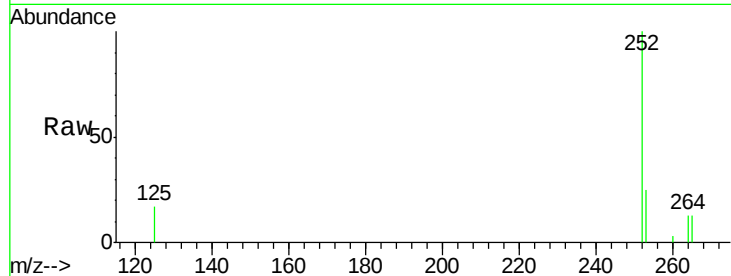
#25
Benzo(a)pyrene
Concen: 0.39 ng/ul
RT: 23.48 min Scan# 1520
Delta R.T. 0.00 min
Lab File: BM003275.D
Acq: 22 Nov 2015 10:55

Instrument :
BNA_M
ClientSampleId :
A4J54DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.4	29.2
125	17.2	12.7	19.1

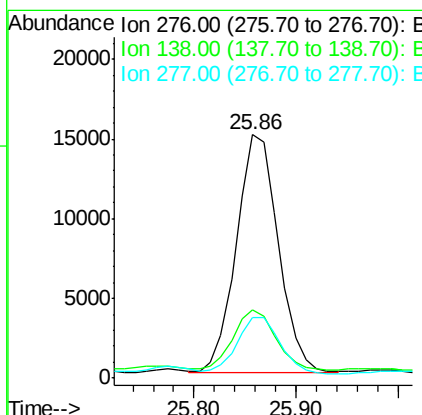
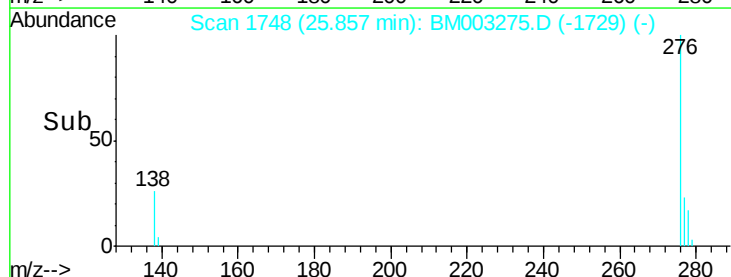
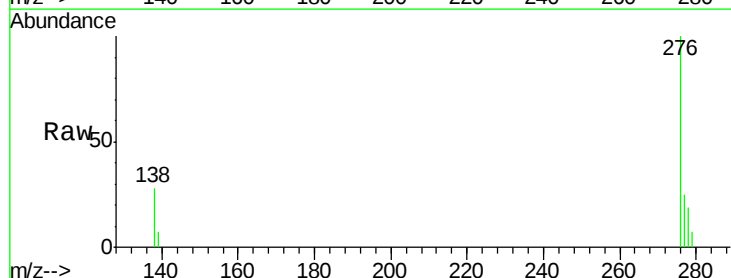
Manual Integrations
APPROVED

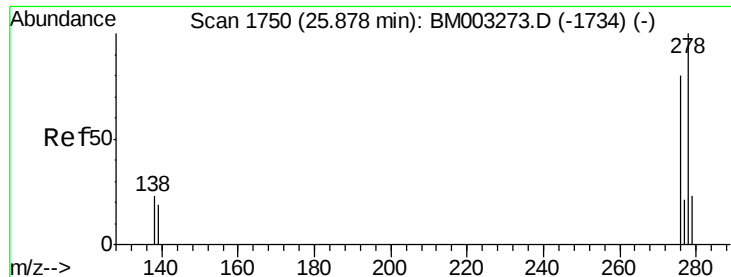
Mmdadoda
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#26
Indeno(1,2,3-cd)pyrene
Concen: 0.24 ng/ul
RT: 25.86 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BM003275.D
Acq: 22 Nov 2015 10:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.3	16.3	24.5#
277	24.0	19.8	29.8





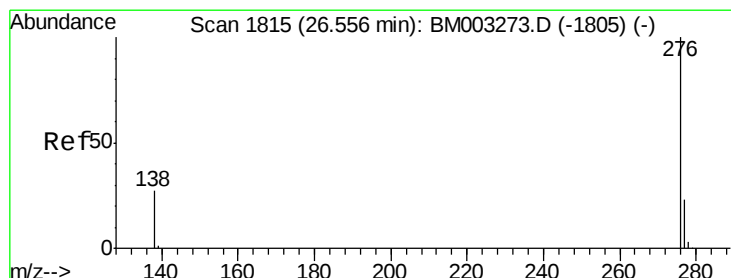
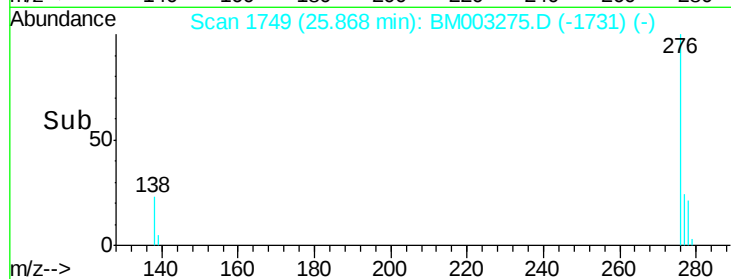
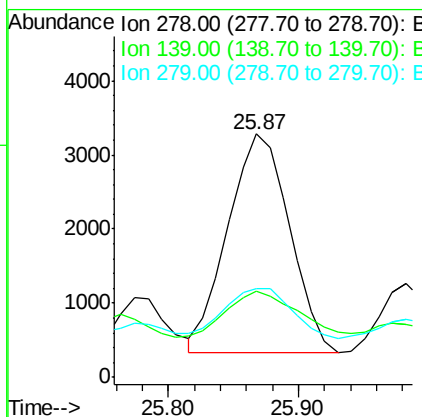
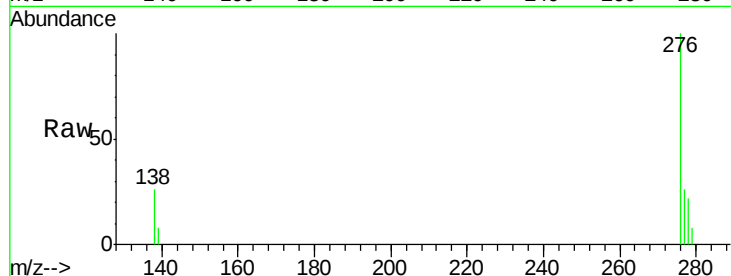
#27
Dibenzo(a,h)anthracene
Concen: 0.07 ng/ul
RT: 25.87 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BM003275.D
Acq: 22 Nov 2015 10:55

Instrument :
BNA_M
ClientSampleId :
A4J54DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.6	16.4	24.6#
279	36.7	20.2	30.2#

Manual Integrations
APPROVED

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#28
Benzo(g,h,i)perylene
Concen: 0.28 ng/ul
RT: 26.57 min Scan# 1816
Delta R.T. 0.01 min
Lab File: BM003275.D
Acq: 22 Nov 2015 10:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.9	28.3
138	27.8	22.5	33.7

