

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
 Data File : BM008011.D
 Acq On : 23 Nov 2016 01:10
 Operator : UM/SJ
 Sample : H5694-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHSS4

Manual Integrations
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Quant Time: Nov 23 10:33:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM112116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:26:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	618	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	2118	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.35	164	1279	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.09	188	2564m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.30	240	2603	0.40	ng/ul	0.00
20) Perylene-d12	23.53	264	2828	0.40	ng/ul	-0.01

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	570	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	1342	0.18	ng/ul	-0.01

Target Compounds				Qvalue		
3) Naphthalene	10.54	128	244	0.04	ng/ul#	41
5) 2-Methylnaphthalene	12.18	142	159	0.04	ng/ul	100
12) Phenanthrene	17.14	178	586m	0.07	ng/ul	
15) Fluoranthene	19.17	202	1025	0.10	ng/ul	88
17) Pyrene	19.52	202	1317	0.15	ng/ul#	85
18) Benzo(a)anthracene	21.28	228	664	0.08	ng/ul#	80
19) Chrysene	21.34	228	785	0.08	ng/ul#	83
21) Benzo(b)fluoranthene	22.87	252	1059m	0.09	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	425m	0.04	ng/ul	
23) Benzo(a)pyrene	23.43	252	683	0.06	ng/ul#	58
24) Indeno(1,2,3-cd)pyrene	25.80	276	560	0.04	ng/ul#	94
26) Benzo(g,h,i)perylene	26.48	276	523	0.05	ng/ul#	59

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

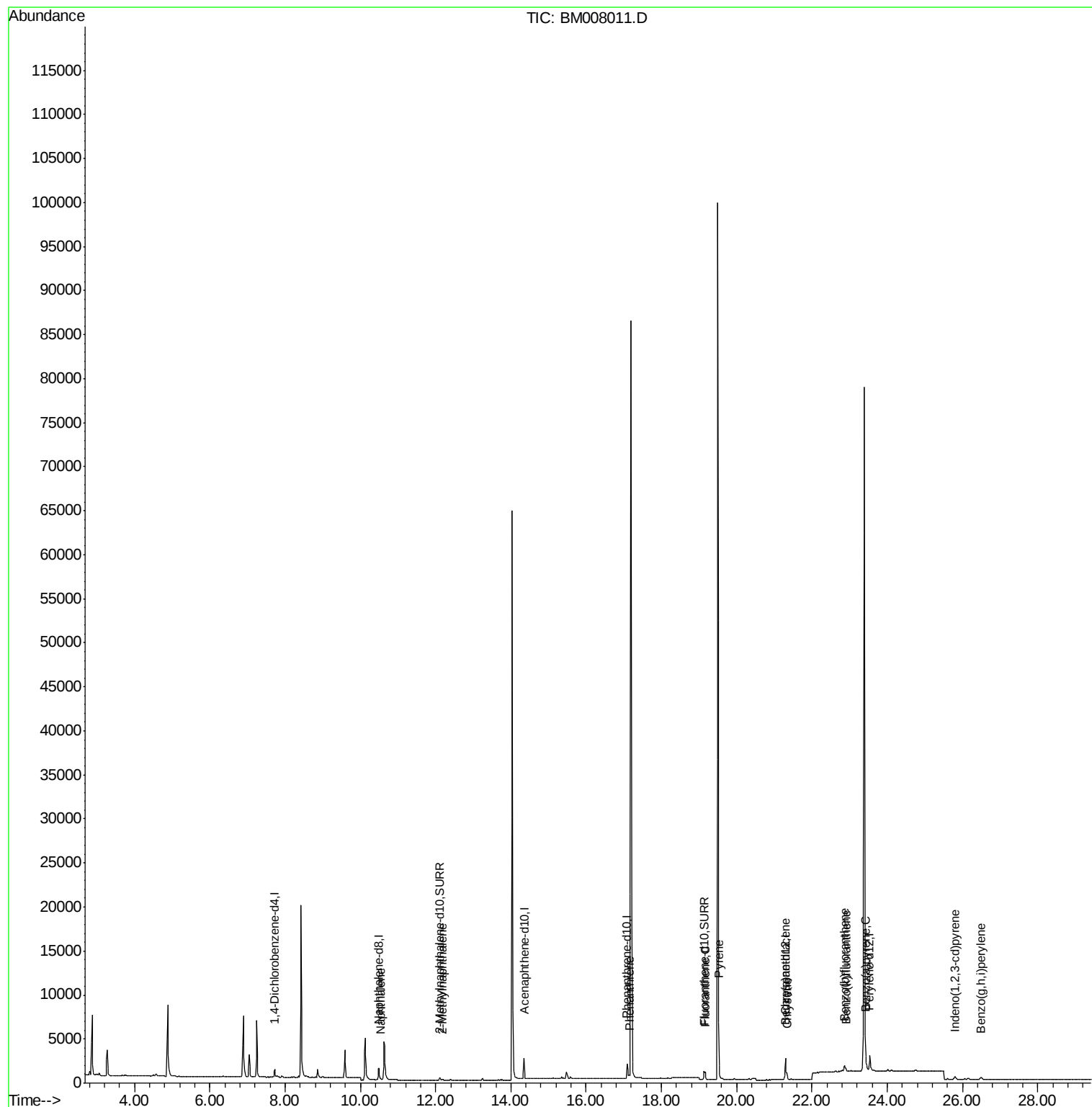
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112216\
Data File : BM008011.D
Acq On : 23 Nov 2016 01:10
Operator : UM/SJ
Sample : H5694-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

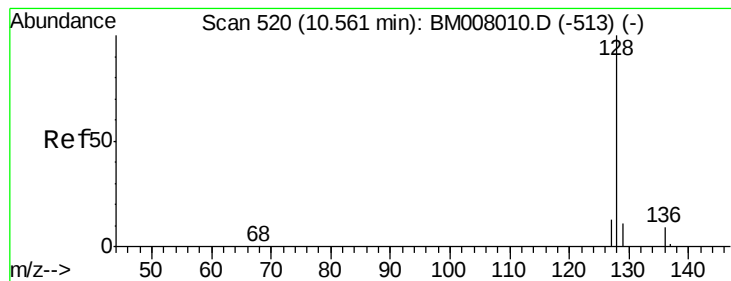
Instrument :
BNA_M
ClientSampleId :
JHSS4

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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.04 ng/ul

RT: 10.54 min Scan# 518

Delta R.T. -0.02 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

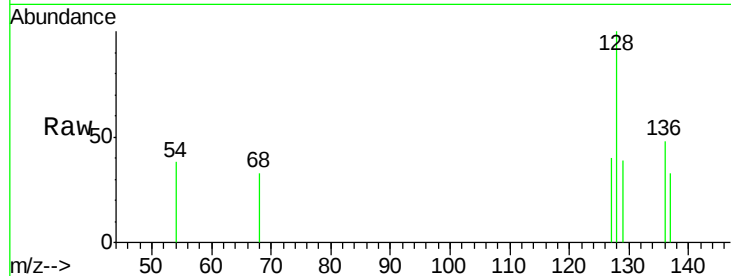
ClientSampleId :

JHSS4

Tgt Ion:	128	Resp:	244
Ion Ratio	Lower	Upper	
128	100		
129	39.3	11.3	16.9#
127	39.9	12.8	19.2#

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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

10.54

150

100

50

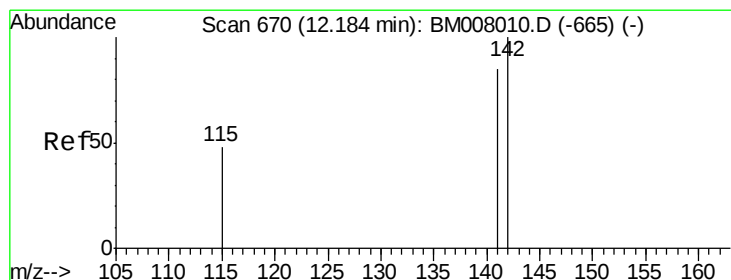
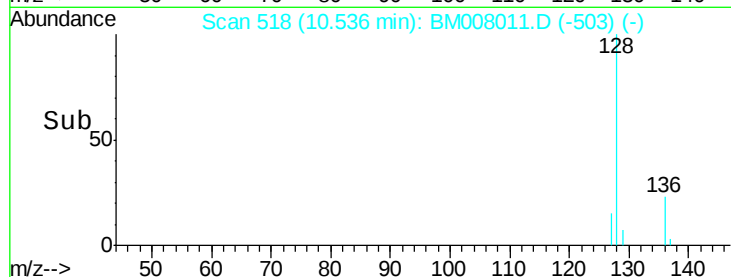
0

10.40

10.50

10.60

Time-->



#5

2-Methylnaphthalene

Concen: 0.04 ng/ul

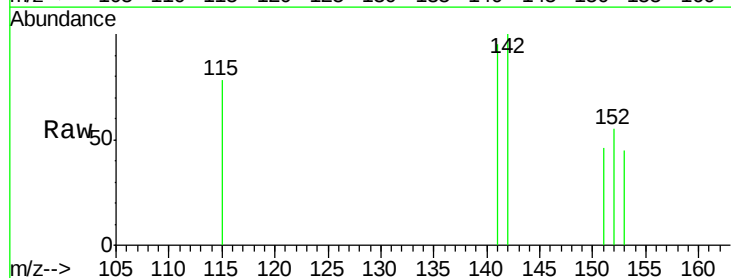
RT: 12.18 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Tgt Ion:	142	Resp:	159
Ion Ratio	Lower	Upper	
142	100		
141	90.6	72.6	108.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.18

100

80

60

40

20

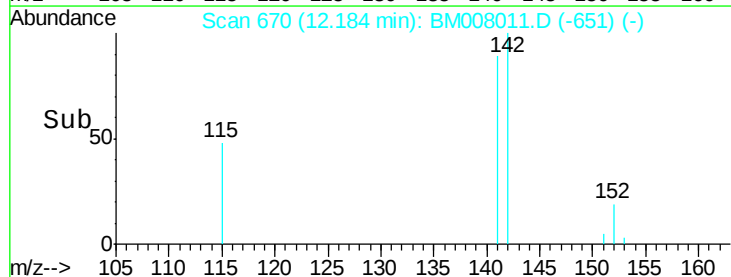
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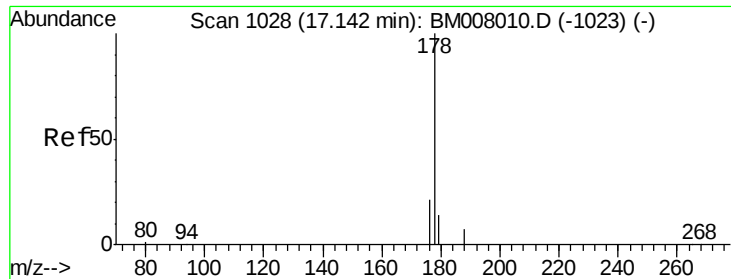
12.10

12.20

12.30

Time-->





#12

Phenanthrene

Concen: 0.07 ng/ul m

RT: 17.14 min Scan# 1028

Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

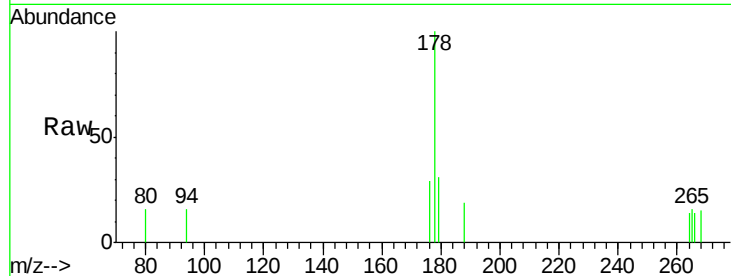
ClientSampleId :

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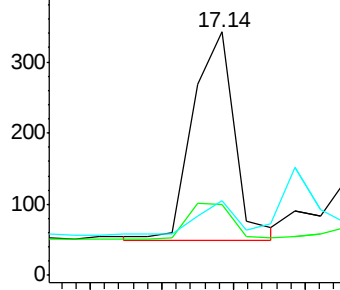
Tgt Ion:	178	Resp:	586
Ion Ratio	Lower	Upper	
178	100		
176	29.2	18.4	27.6#
179	30.7	13.6	20.4#

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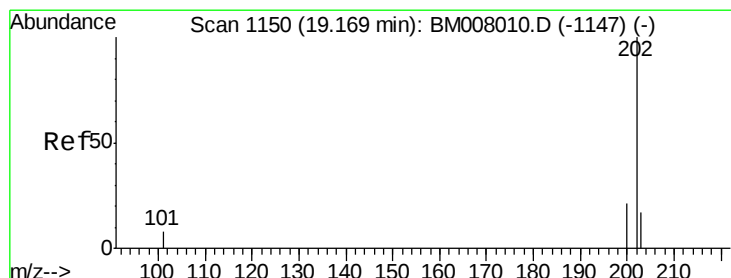
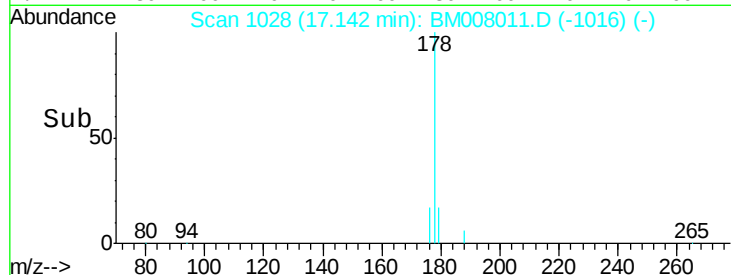
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->



#15

Fluoranthene

Concen: 0.10 ng/ul

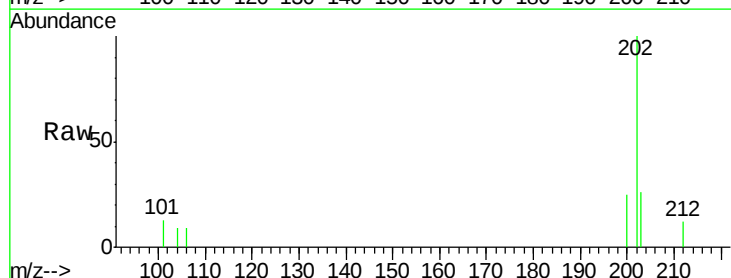
RT: 19.17 min Scan# 1150

Delta R.T. -0.00 min

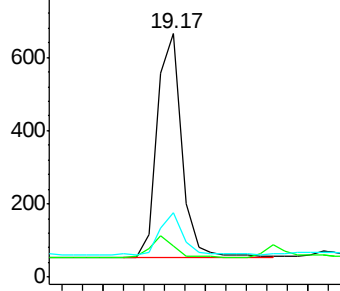
Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

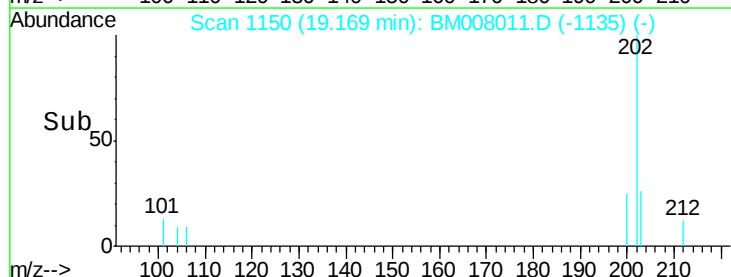
Tgt Ion:	202	Resp:	1025
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	30.3
203	26.3	0.0	39.5

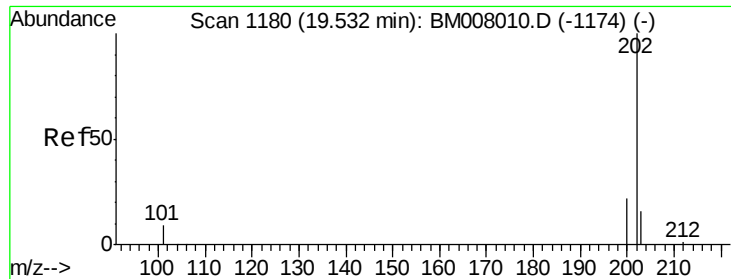


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#17

Pyrene

Concen: 0.15 ng/ul

RT: 19.52 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

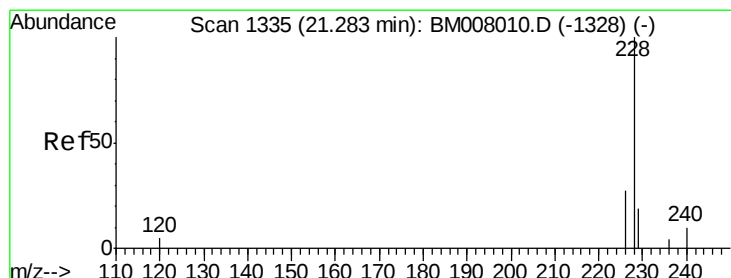
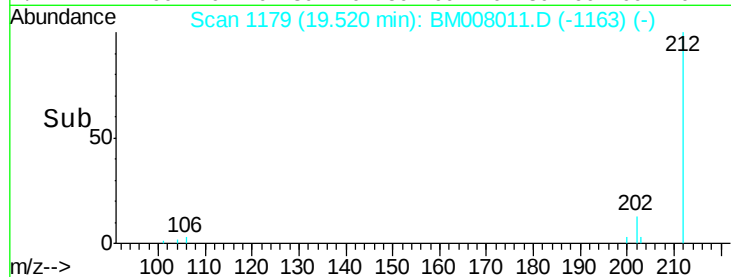
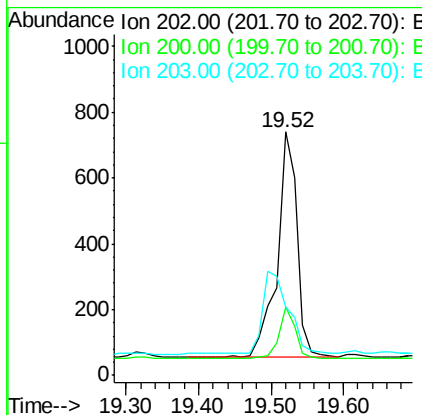
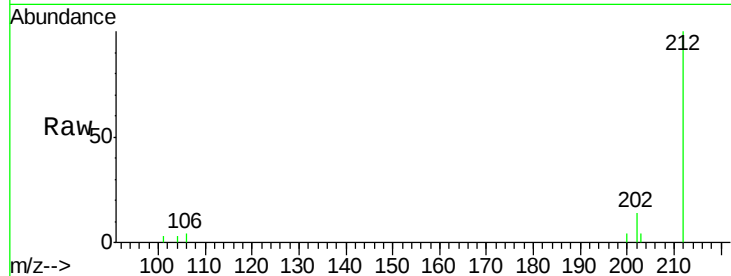
ClientSampleId :

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Tgt Ion:	202	Resp:	1317
Ion Ratio	Lower	Upper	
202	100		
200	28.1	18.2	27.4#
203	28.2	15.6	23.4#

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#18

Benzo(a)anthracene

Concen: 0.08 ng/ul

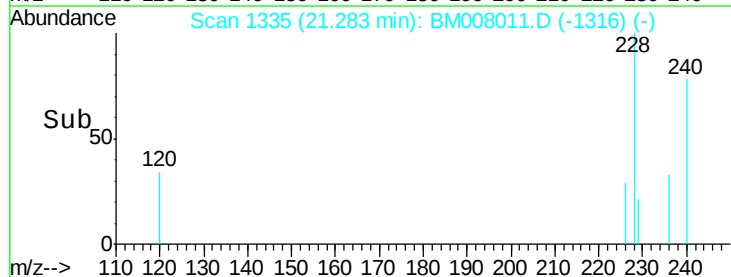
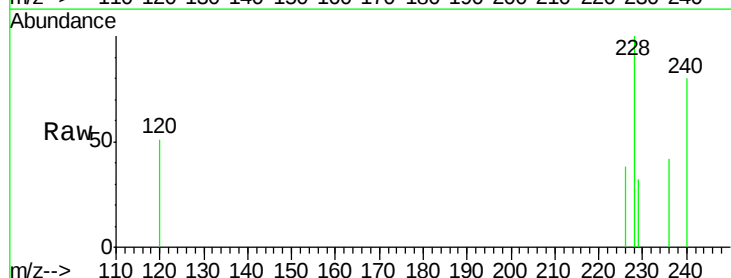
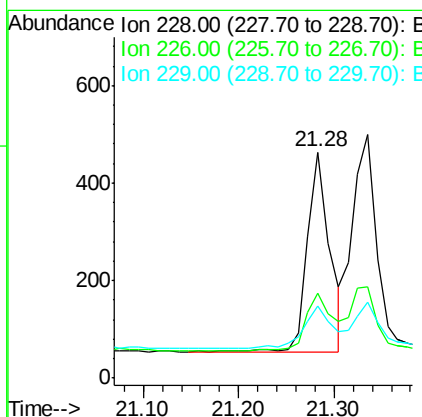
RT: 21.28 min Scan# 1335

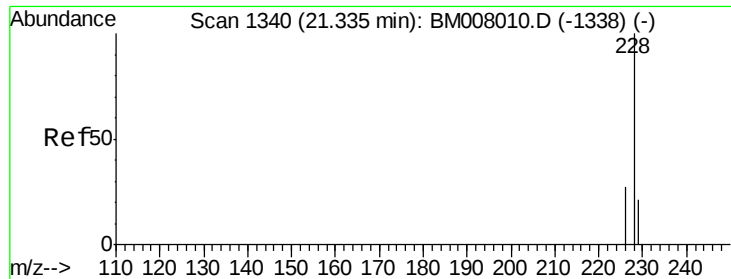
Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Tgt Ion:	228	Resp:	664
Ion Ratio	Lower	Upper	
228	100		
226	37.8	22.8	34.2#
229	32.0	17.0	25.6#





#19

Chrysene

Concen: 0.08 ng/ul

RT: 21.34 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Instrument :

BNA_M

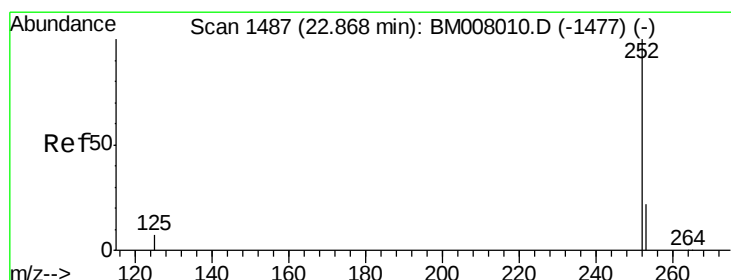
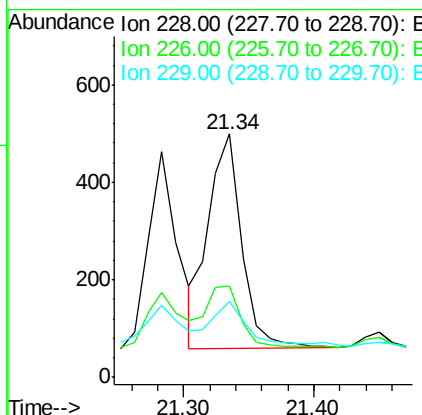
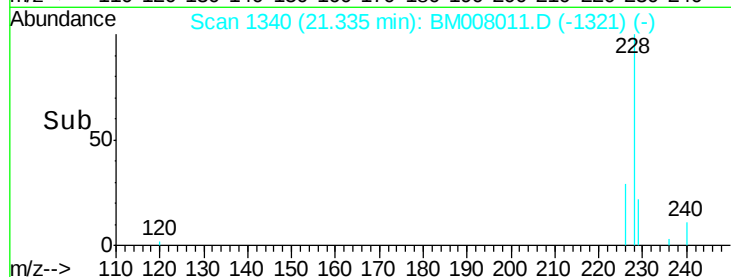
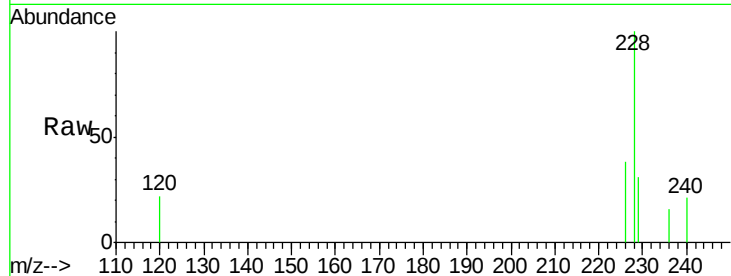
ClientSampled :

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Tgt Ion:	228	Resp:	785
Ion Ratio	Lower	Upper	
228	100		
226	37.7	23.4	35.0#
229	31.3	17.7	26.5#

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#21

Benzo(b)fluoranthene

Concen: 0.09 ng/ul m

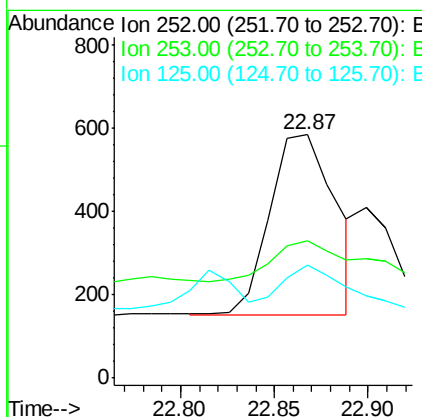
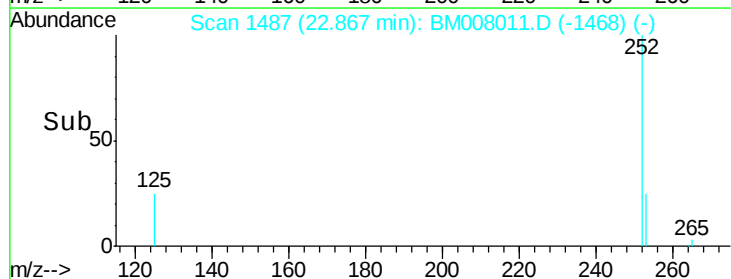
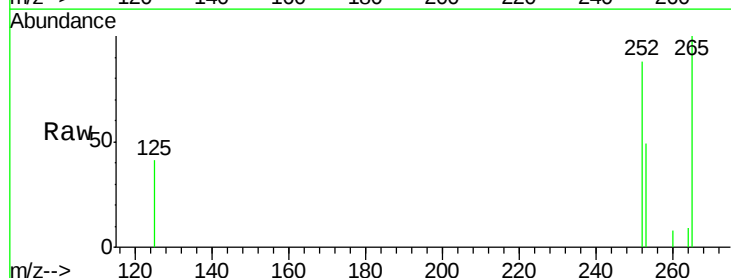
RT: 22.87 min Scan# 1487

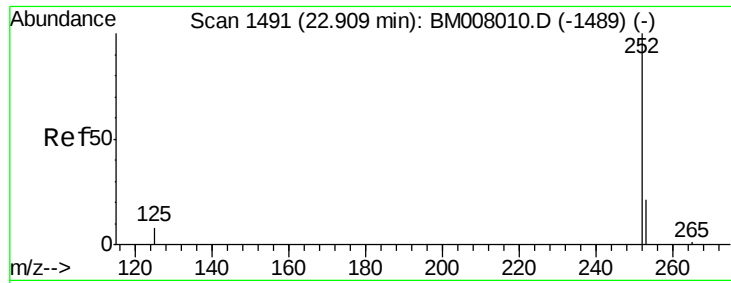
Delta R.T. -0.00 min

Lab File: BM008011.D

Acq: 23 Nov 2016 01:10

Tgt Ion:	252	Resp:	1059
Ion Ratio	Lower	Upper	
252	100		
253	56.5	0.0	64.2
125	46.4	0.0	35.0#





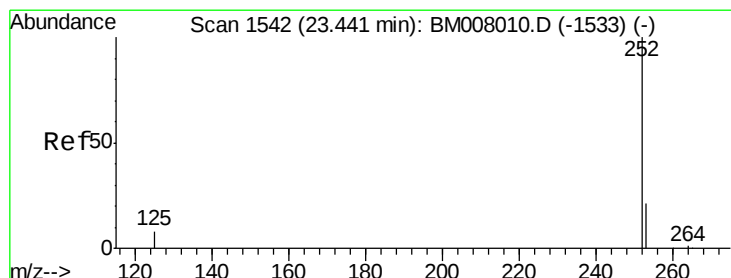
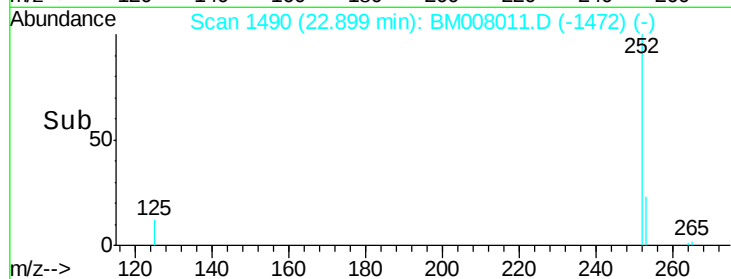
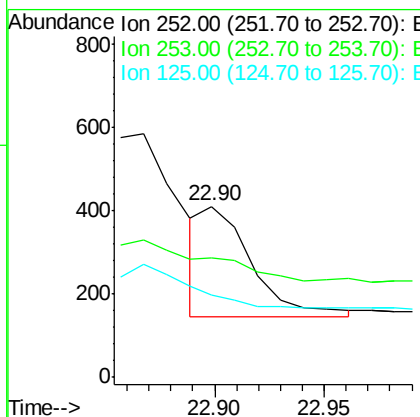
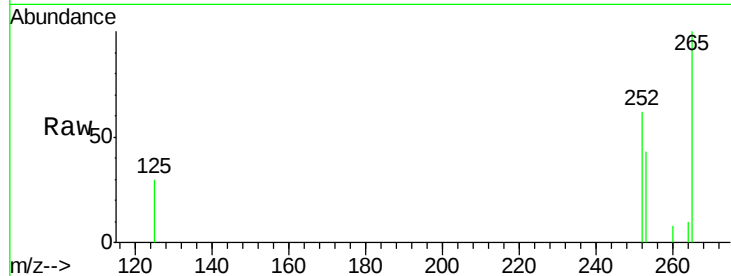
#22
Benzo(k)fluoranthene
Concen: 0.04 ng/ul m
RT: 22.90 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BM008011.D
Acq: 23 Nov 2016 01:10

Instrument :
BNA_M
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	69.8	24.5	36.7#
125	48.0	13.7	20.5#

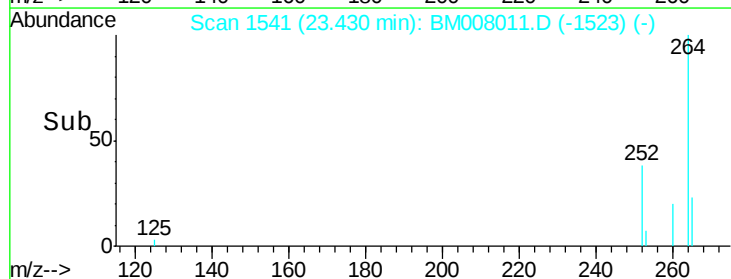
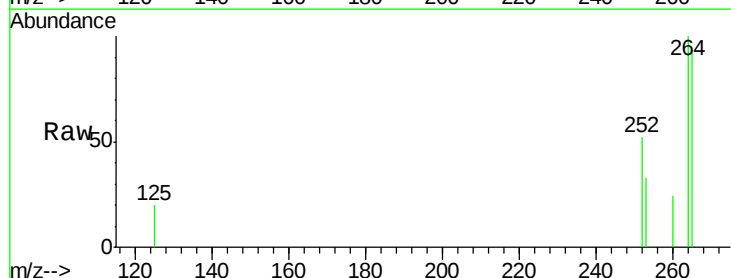
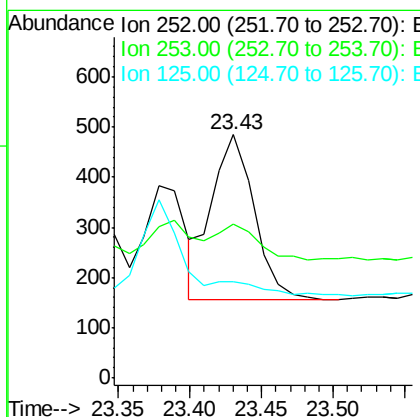
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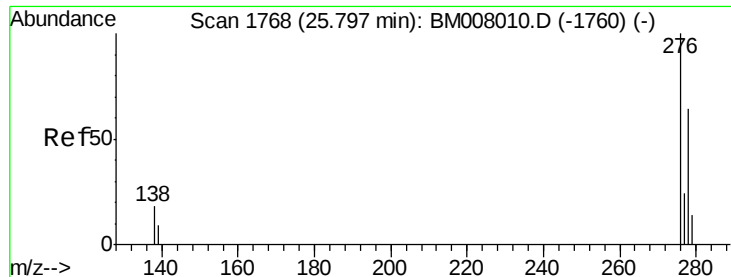
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#23
Benzo(a)pyrene
Concen: 0.06 ng/ul
RT: 23.43 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BM008011.D
Acq: 23 Nov 2016 01:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	63.3	28.5	42.7#
125	39.4	18.1	27.1#





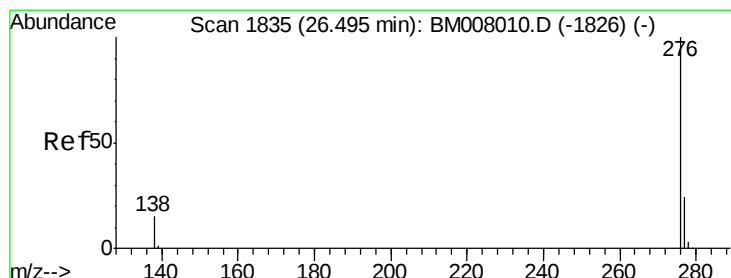
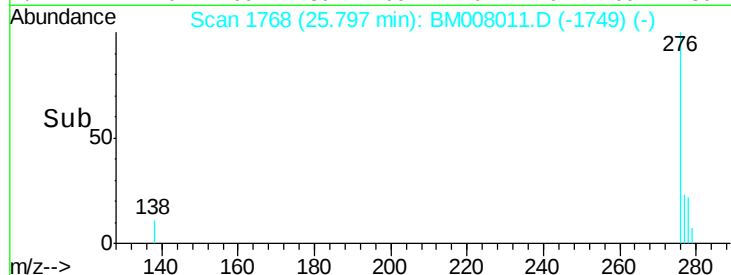
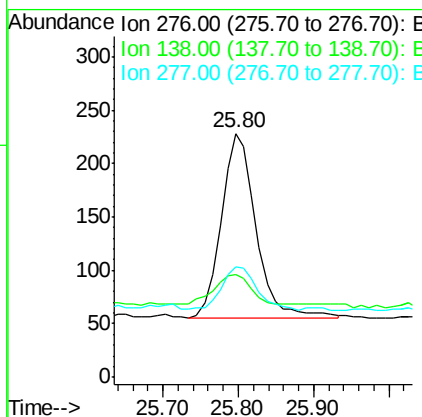
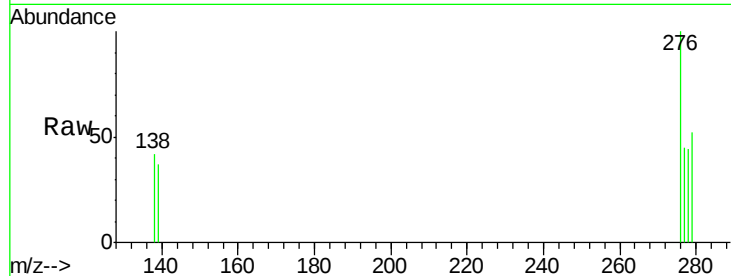
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 0.04 ng/ul
 RT: 25.80 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BM008011.D
 Acq: 23 Nov 2016 01:10

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	19.1	28.7#
277	24.6	19.6	29.4

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#26
 Benzo(g,h,i)perylene
 Concen: 0.05 ng/ul
 RT: 26.48 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BM008011.D
 Acq: 23 Nov 2016 01:10

Tgt Ion	Ratio	Lower	Upper
276	100		
277	48.7	21.8	32.8#
138	46.2	20.5	30.7#

