

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
 Data File : BM002471.D
 Acq On : 18 Aug 2015 03:18
 Operator : UM/IZ
 Sample : G3227-21
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DE0

Manual Integrations
 APPROVED

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 8/18/2015 5:19:24 PM

Quant Time: Aug 18 04:23:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 18 03:02:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	147678	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	667992	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.46	164	333491	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.17	188	586415	20.00	ng/ul	0.00
17) Chrysene-d12	22.25	240	389981	20.00	ng/ul	0.00
22) Perylene-d12	24.93	264	401920	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	696297	20.42	ng/ul	0.00
10) Fluorene-d10	16.43	176	471879	19.70	ng/ul	0.00
14) Anthracene-d10	18.26	188	622270	22.00	ng/ul	0.00
18) Pyrene-d10	20.49	212	482604	27.92	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.76	264	437176	20.71	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.21	178	262642	7.76	ng/ul	Qvalue 99
15) Anthracene	18.30	178	56676	1.65	ng/ul	97
16) Fluoranthene	20.16	202	728370	19.00	ng/ul	100
19) Pyrene	20.51	202	661609	28.96	ng/ul	100
20) Benzo(a)anthracene	22.23	228	642903	27.57	ng/ul	99
21) Chrysene	22.29	228	824854	37.82	ng/ul	98
23) Benzo(b)fluoranthene	24.10	252	1717096	70.67	ng/ul	98
24) Benzo(k)fluoranthene	24.15	252	557280m	24.20	ng/ul	
26) Benzo(a)pyrene	24.82	252	996411	42.93	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	27.79	276	1003034	37.58	ng/ul	93
28) Dibenzo(a,h)anthracene	27.78	278	334422	14.99	ng/ul#	92
29) Benzo(g,h,i)perylene	28.68	276	921018	41.45	ng/ul	99

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

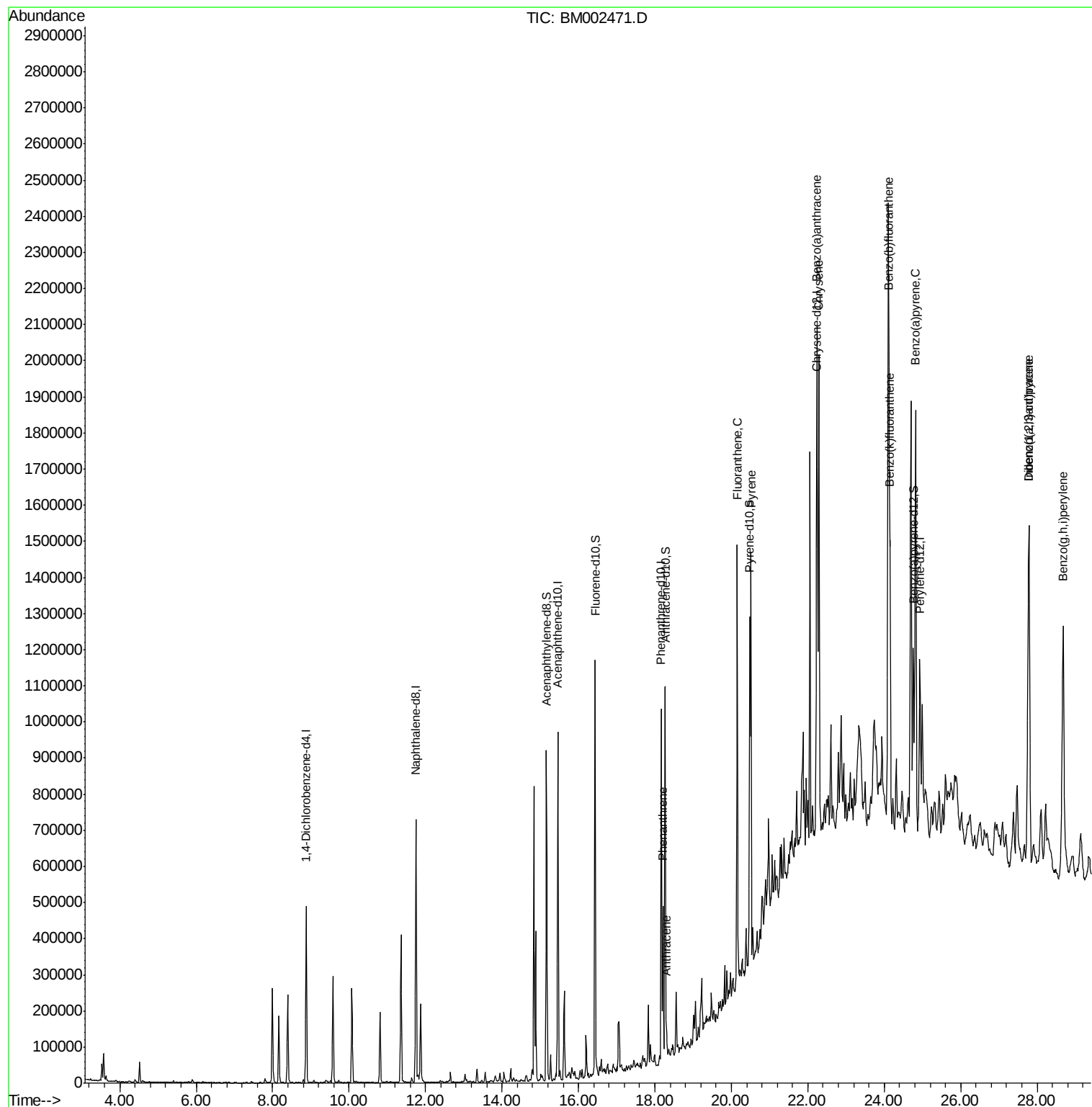
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081715\
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ALS Vial : 28 Sample Multiplier: 1

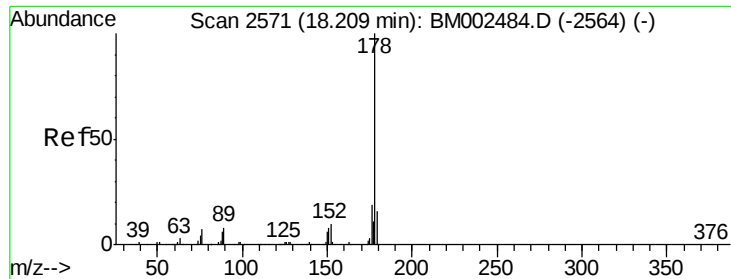
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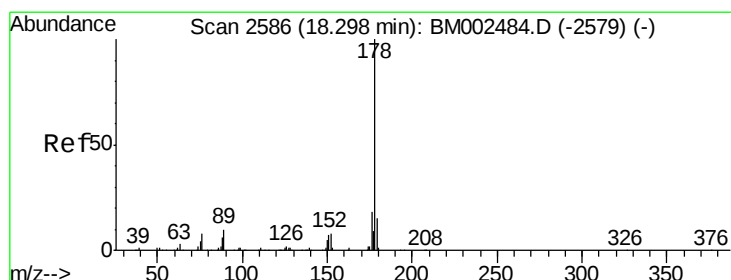
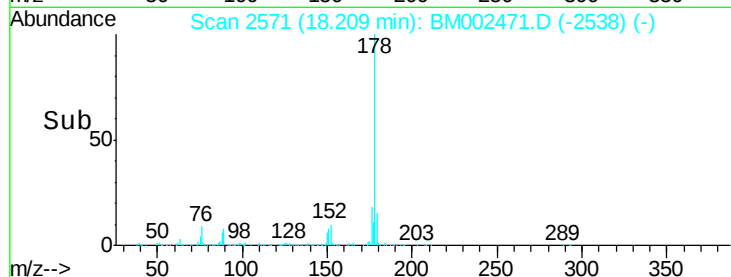
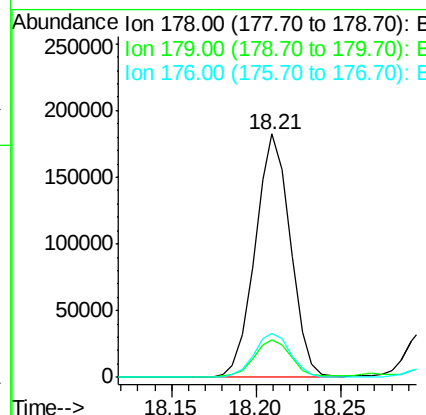
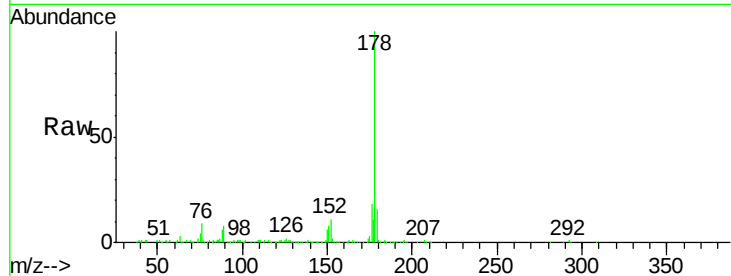
#13
Phenanthrene
Concen: 7.76 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. -0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :
D9DE0

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.5	12.4	18.6
176	18.3	15.1	22.7

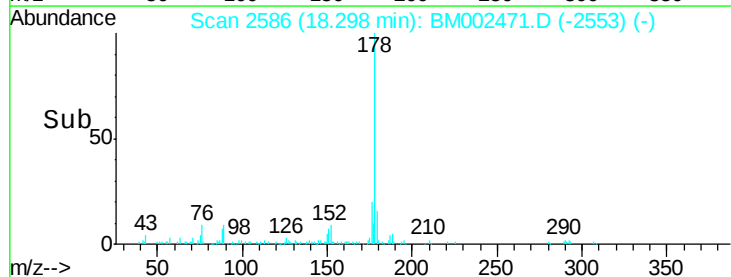
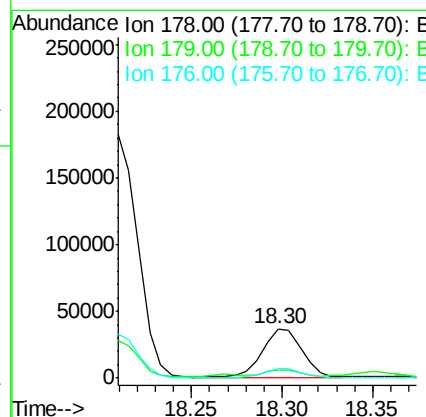
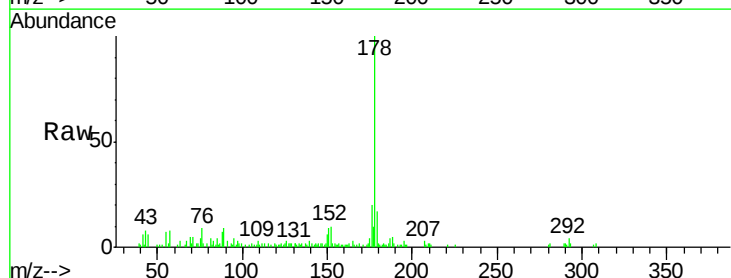
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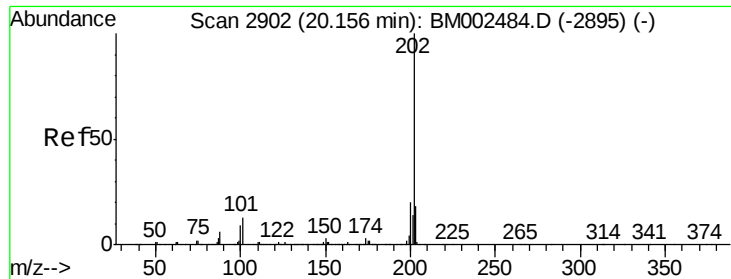
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#15
Anthracene
Concen: 1.65 ng/ul
RT: 18.30 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	17.0	12.6	18.8
176	19.6	14.5	21.7





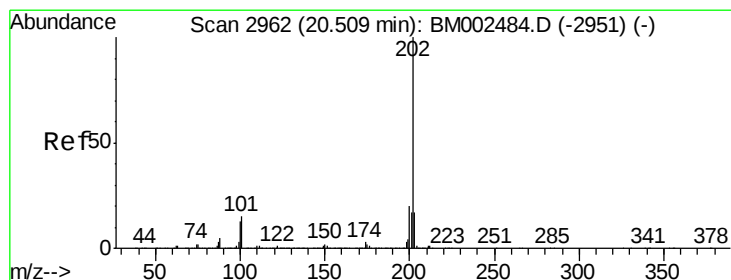
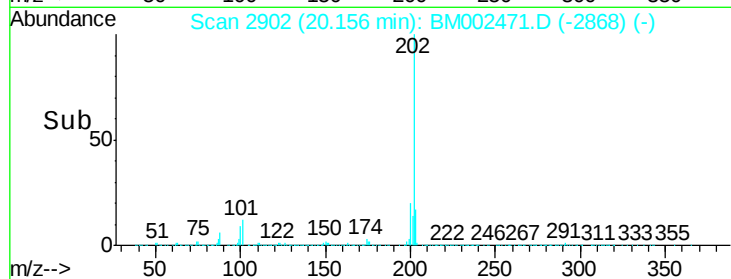
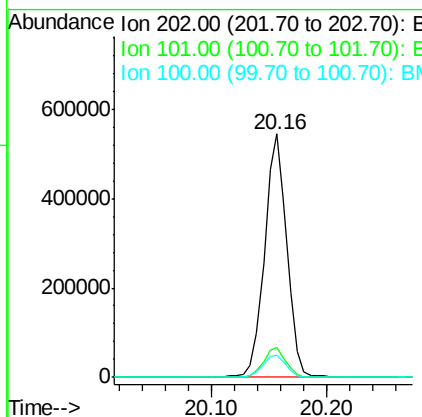
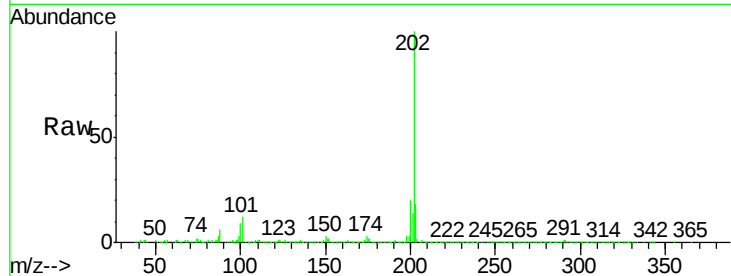
#16
 Fluoranthene
 Concen: 19.00 ng/ul
 RT: 20.16 min Scan# 2902
 Delta R.T. -0.00 min
 Lab File: BM002471.D
 Acq: 18 Aug 2015 03:18

Instrument :
 BNA_M
 ClientSampleId :
 D9DE0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	728370		
101	12.4	9.7	14.5	
100	9.2	7.4	11.2	

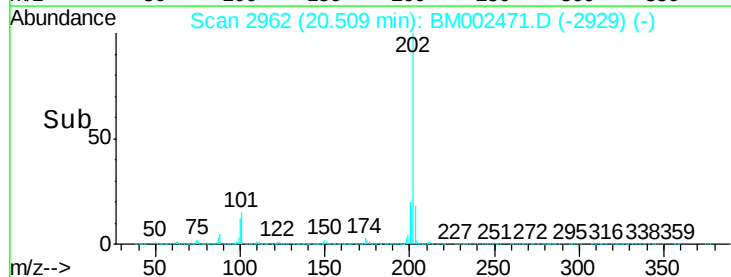
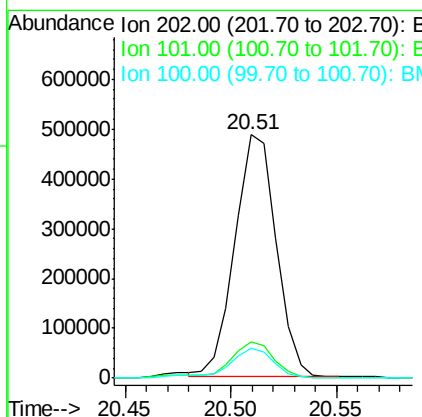
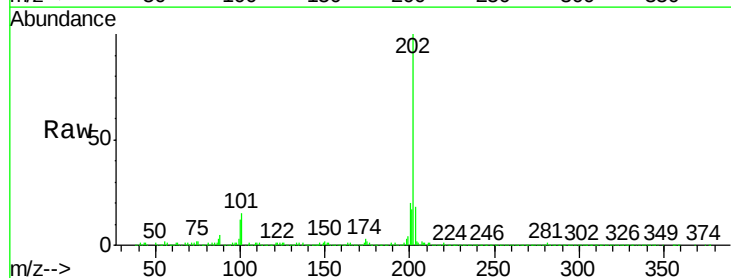
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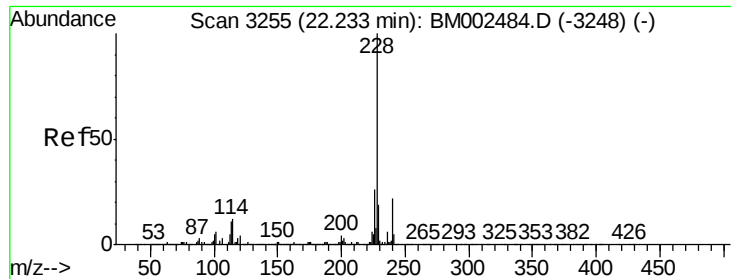
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#19
 Pyrene
 Concen: 28.96 ng/ul
 RT: 20.51 min Scan# 2962
 Delta R.T. -0.01 min
 Lab File: BM002471.D
 Acq: 18 Aug 2015 03:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	661609		
101	15.0	12.0	18.0	
100	12.1	9.7	14.5	





#20

Benzo(a)anthracene

Concen: 27.57 ng/ul

RT: 22.23 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BM002471.D

Acq: 18 Aug 2015 03:18

Instrument :

BNA_M

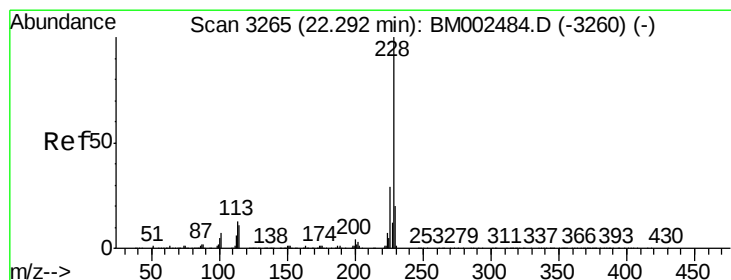
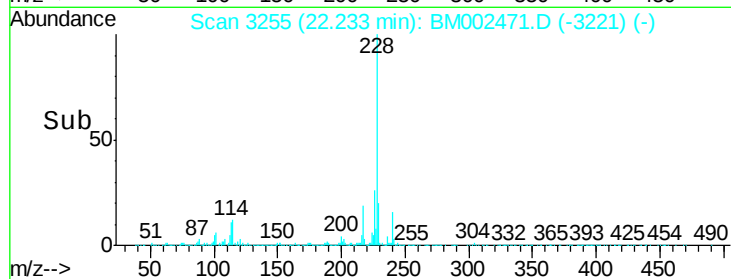
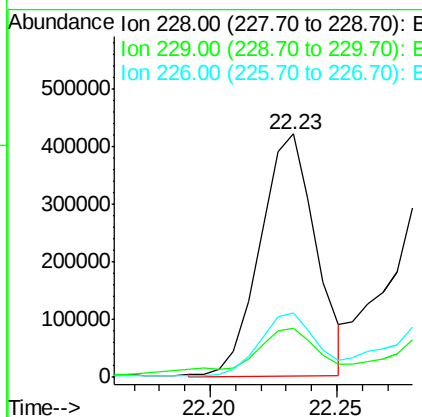
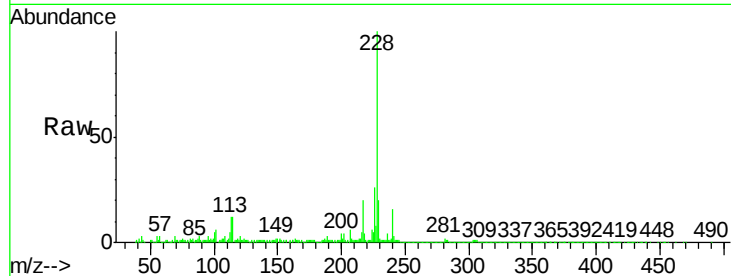
ClientSampleId :

D9DE0

Tgt Ion:	228	Resp:	642903
Ion Ratio	Lower	Upper	
228	100		
229	20.4	15.8	23.6
226	26.4	21.1	31.7

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#21

Chrysene

Concen: 37.82 ng/ul

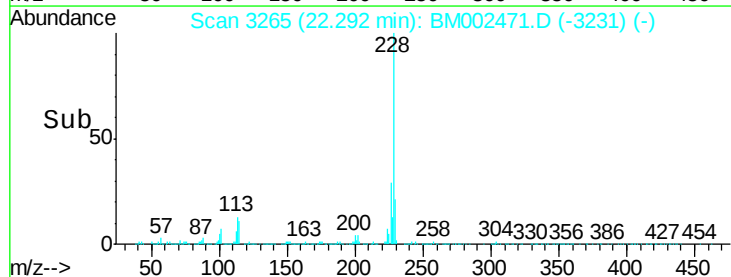
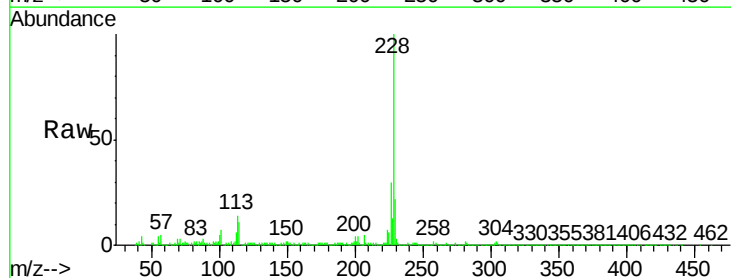
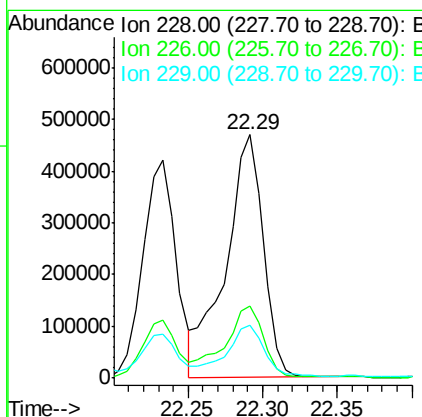
RT: 22.29 min Scan# 3265

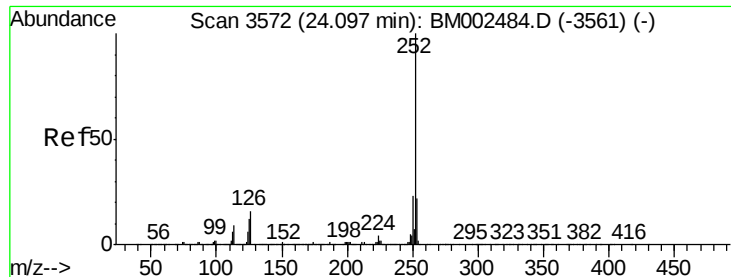
Delta R.T. 0.00 min

Lab File: BM002471.D

Acq: 18 Aug 2015 03:18

Tgt Ion:	228	Resp:	824854
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.4	35.2
229	21.6	15.7	23.5





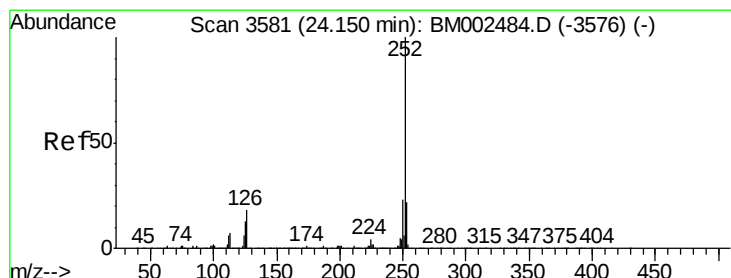
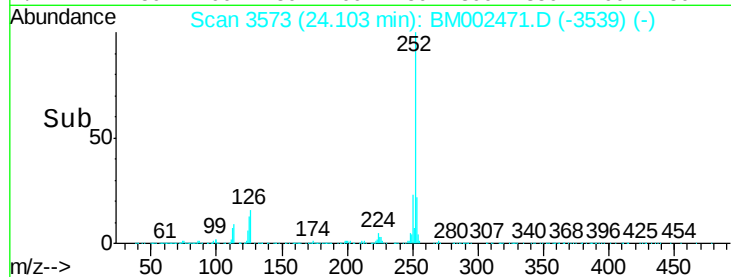
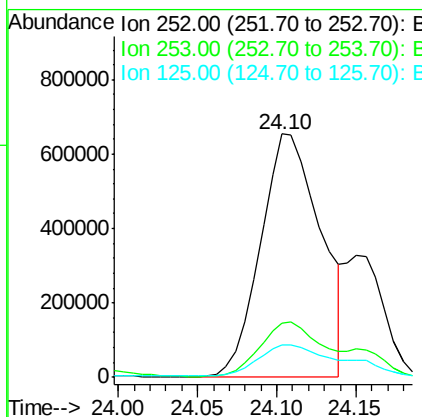
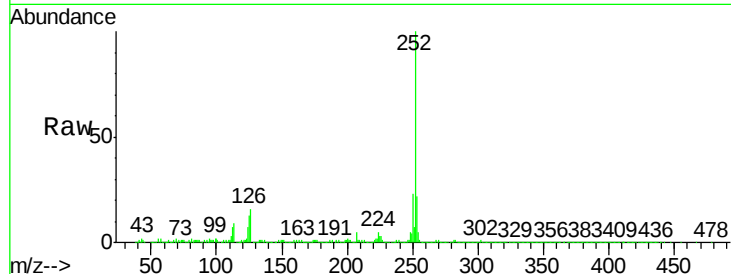
#23
Benzo(b)fluoranthene
Concen: 70.67 ng/ul
RT: 24.10 min Scan# 3573
Delta R.T. -0.00 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :
D9DE0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	13.3	10.0	15.0

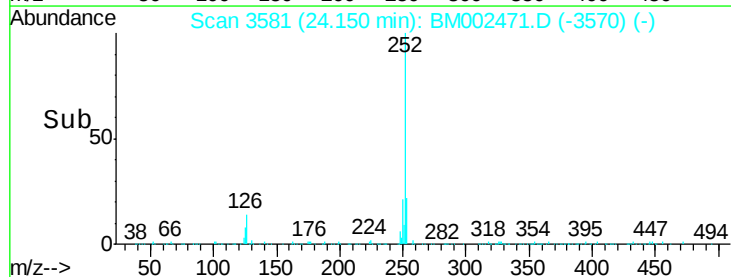
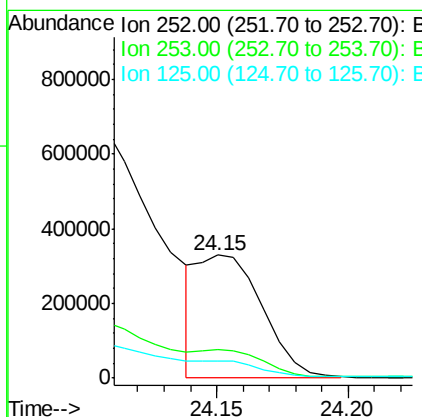
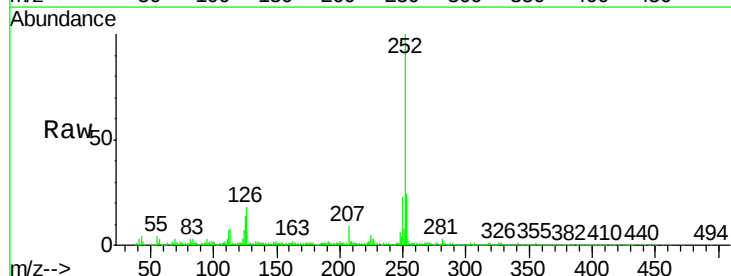
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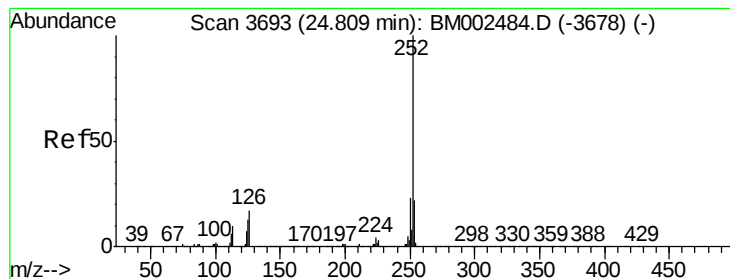
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#24
Benzo(k)fluoranthene
Concen: 24.20 ng/ul m
RT: 24.15 min Scan# 3581
Delta R.T. -0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	14.0	9.8	14.8





#26

Benzo(a)pyrene

Concen: 42.93 ng/ul

RT: 24.82 min Scan# 3695

Delta R.T. 0.01 min

Lab File: BM002471.D

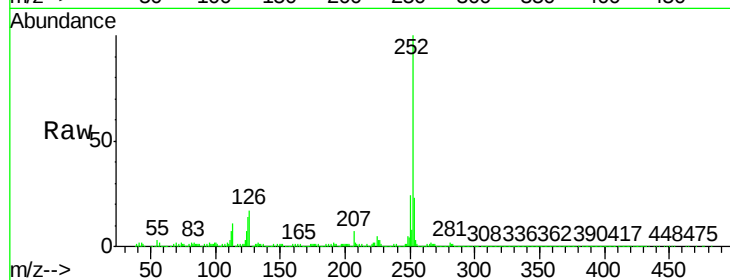
Acq: 18 Aug 2015 03:18

Instrument :

BNA_M

ClientSampleId :

D9DE0



Tgt Ion: 252 Resp: 996411

Ion Ratio Lower Upper

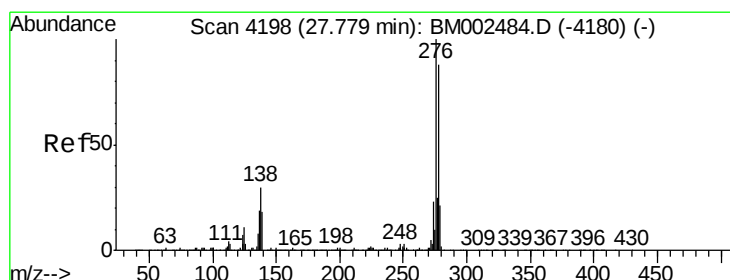
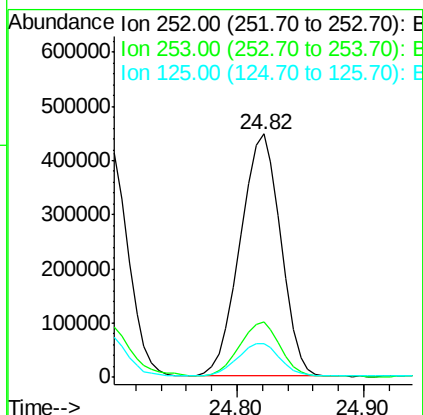
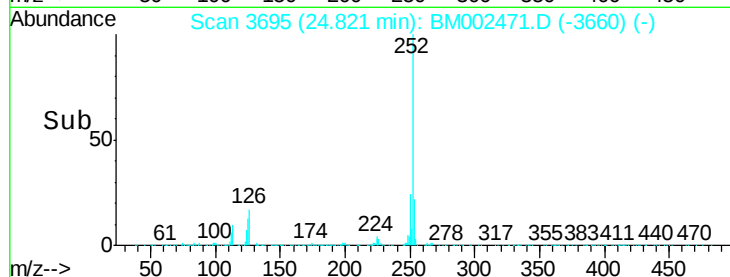
252 100

253 22.6 17.6 26.4

125 13.9 10.7 16.1

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#27

Indeno(1,2,3-cd)pyrene

Concen: 37.58 ng/ul

RT: 27.79 min Scan# 4200

Delta R.T. 0.01 min

Lab File: BM002471.D

Acq: 18 Aug 2015 03:18

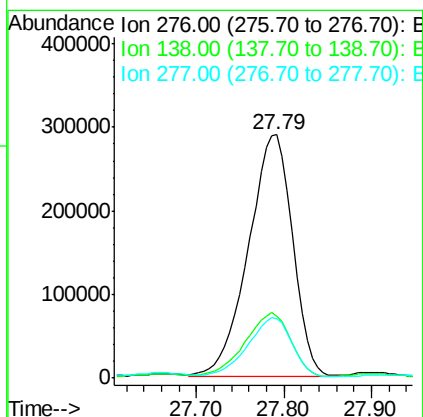
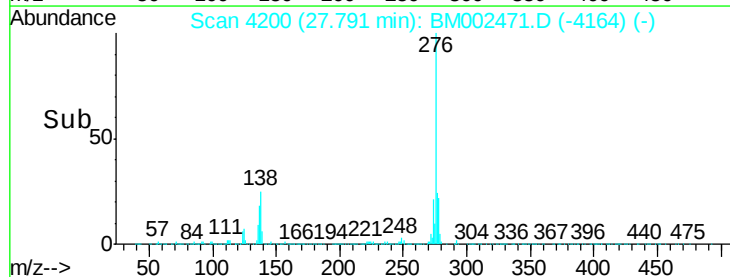
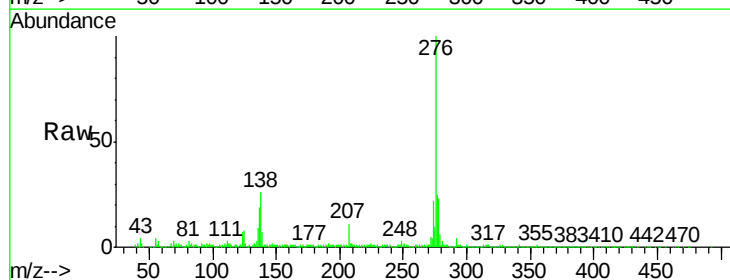
Tgt Ion: 276 Resp: 1003034

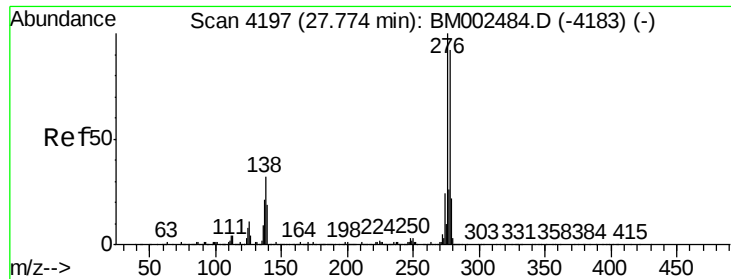
Ion Ratio Lower Upper

276 100

138 25.6 25.3 37.9

277 24.6 20.2 30.2





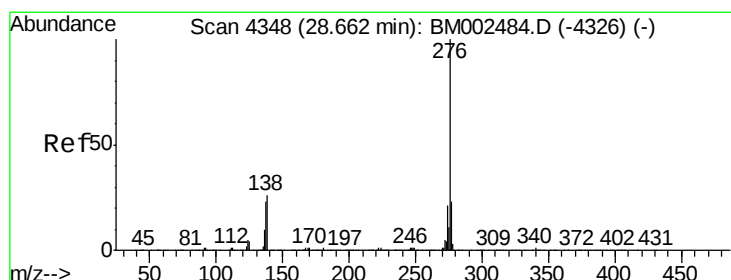
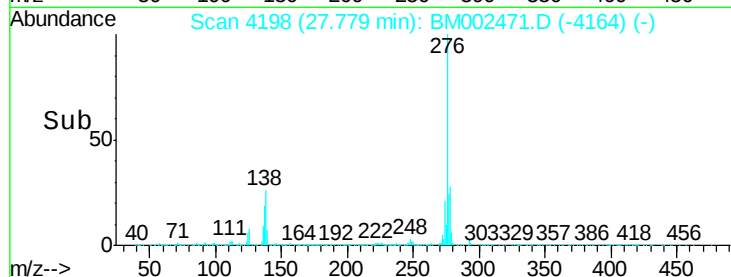
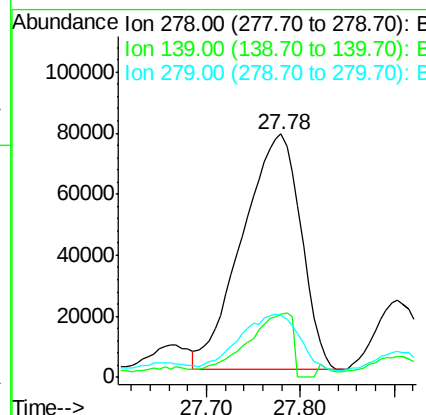
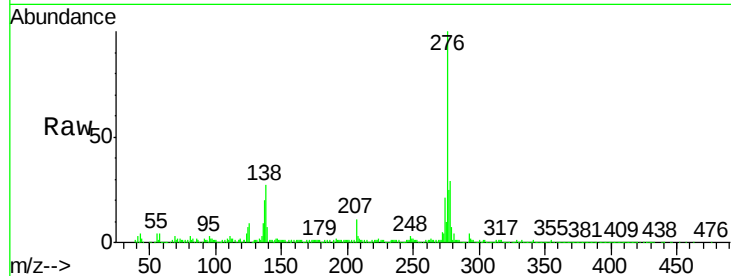
#28
Dibenzo(a,h)anthracene
Concen: 14.99 ng/ul
RT: 27.78 min Scan# 4198
Delta R.T. -0.00 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Instrument :
BNA_M
ClientSampleId :
D9DE0

Tgt Ion	Ratio	Lower	Upper
278	100		
139	25.9	16.5	24.7#
279	25.6	18.8	28.2

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#29
Benzo(g,h,i)perylene
Concen: 41.45 ng/ul
RT: 28.68 min Scan# 4351
Delta R.T. 0.01 min
Lab File: BM002471.D
Acq: 18 Aug 2015 03:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.3	21.0	31.6
277	24.4	19.2	28.8

