

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002610.D
 Acq On : 01 Sep 2015 03:55
 Operator : UM/IZ
 Sample : G3457-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4

Manual Integrations
 APPROVED

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Quant Time: Sep 01 04:34:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 02:00:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	139197	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	629351	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	311112	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	574201	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	409469	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	423562	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	629566	19.79	ng/ul	0.00
10) Fluorene-d10	16.34	176	405461	18.15	ng/ul	0.00
14) Anthracene-d10	18.17	188	524167	18.92	ng/ul	0.00
18) Pyrene-d10	20.40	212	440001	24.24	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	358384	16.11	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	178942	5.40	ng/ul	Qvalue 100
15) Anthracene	18.21	178	37814	1.13	ng/ul	99
16) Fluoranthene	20.07	202	351236	9.36	ng/ul	97
19) Pyrene	20.43	202	271914	11.34	ng/ul	98
20) Benzo(a)anthracene	22.14	228	137835	5.63	ng/ul	99
21) Chrysene	22.20	228	149146	6.51	ng/ul	97
23) Benzo(b)fluoranthene	23.97	252	227479	8.88	ng/ul#	94
24) Benzo(k)fluoranthene	24.02	252	69553m	2.87	ng/ul	
26) Benzo(a)pyrene	24.67	252	139463	5.70	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	27.55	276	106580	3.79	ng/ul	98
28) Dibenzo(a,h)anthracene	27.54	278	30083	1.28	ng/ul#	74
29) Benzo(g,h,i)perylene	28.41	276	97626	4.17	ng/ul	95

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

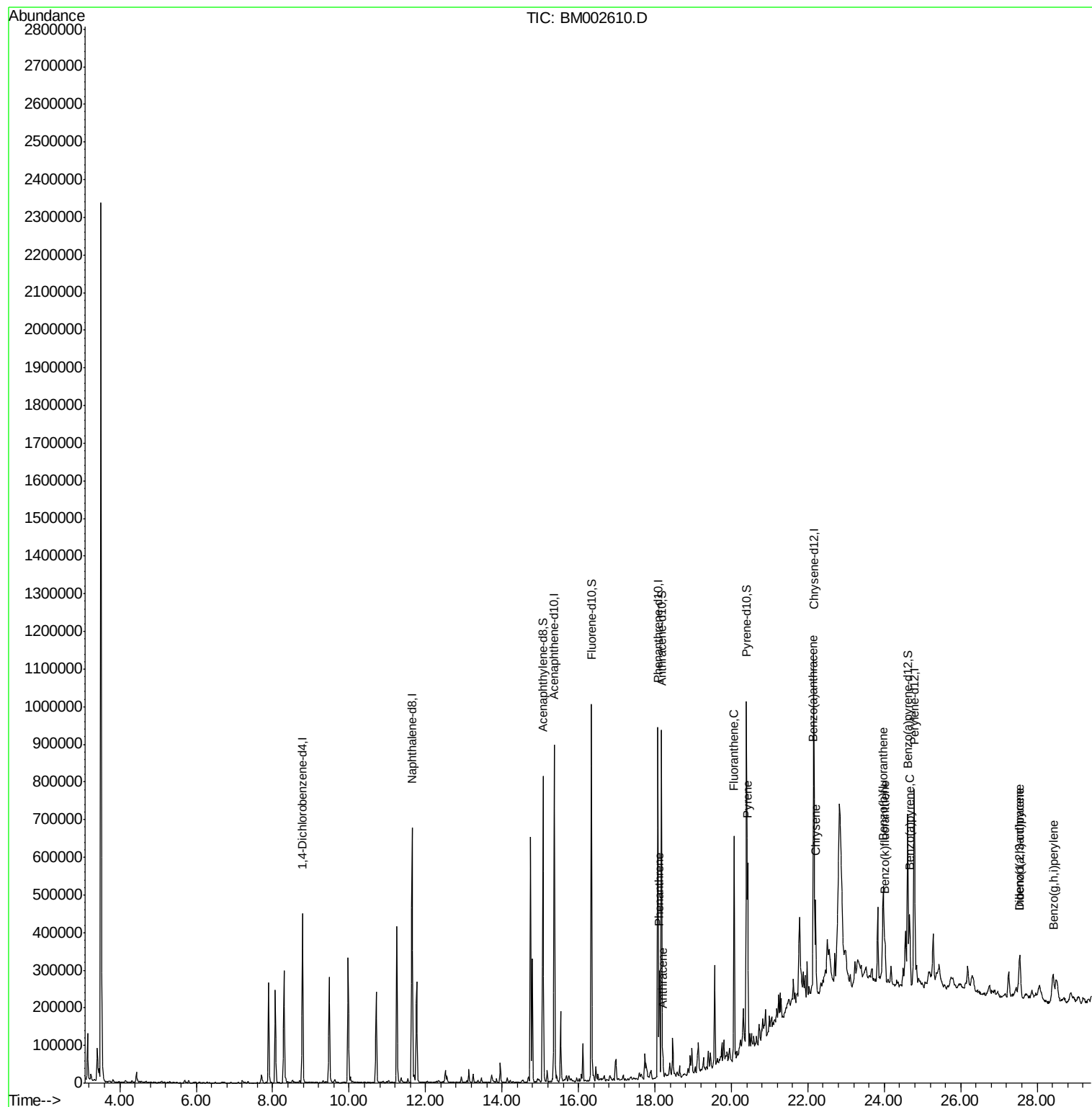
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
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ALS Vial : 24 Sample Multiplier: 1

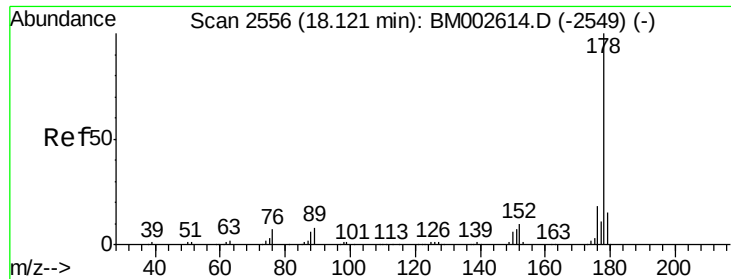
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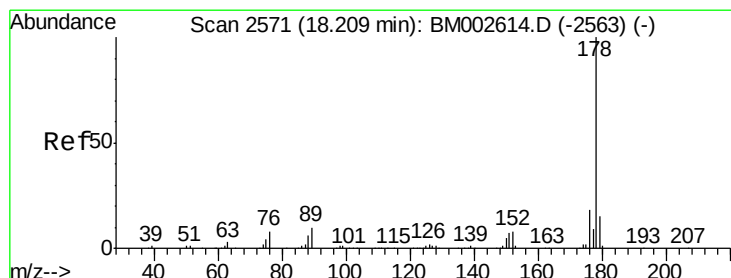
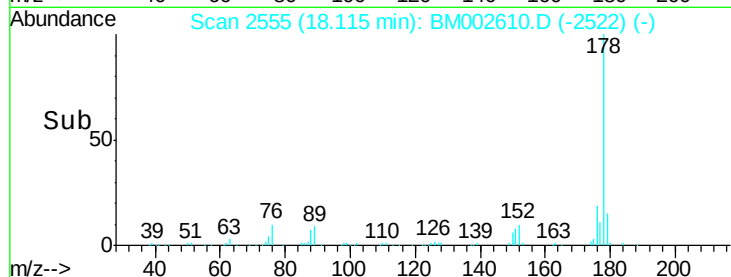
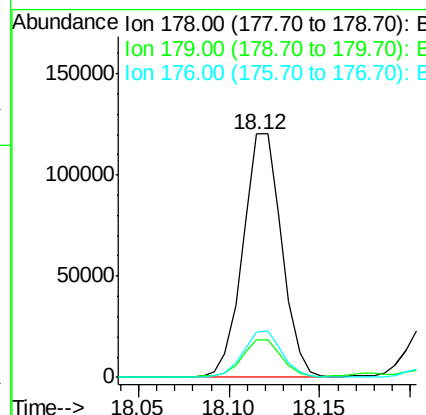
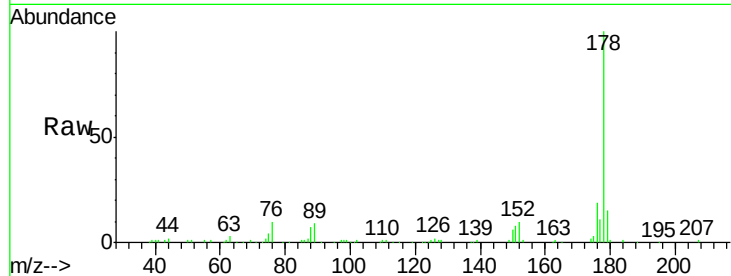
#13
Phenanthrene
Concen: 5.40 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

Instrument :
BNA_M
ClientSampleId :
D9EA4

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.8	15.1	22.7

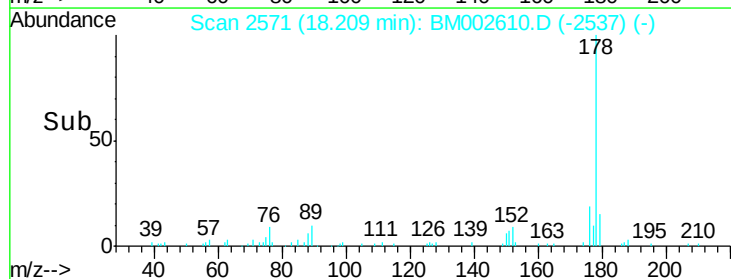
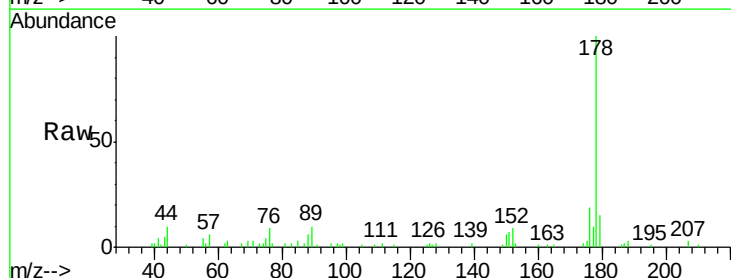
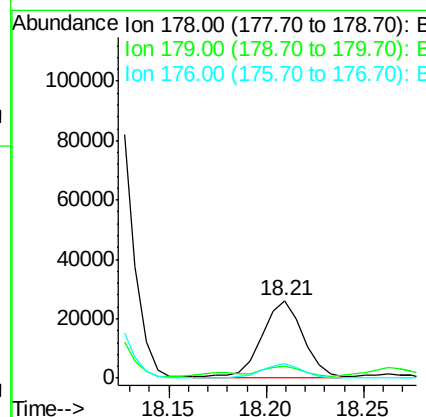
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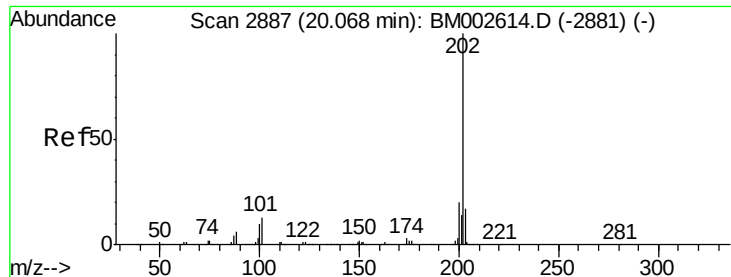
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#15
Anthracene
Concen: 1.13 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	18.8
176	18.7	14.5	21.7





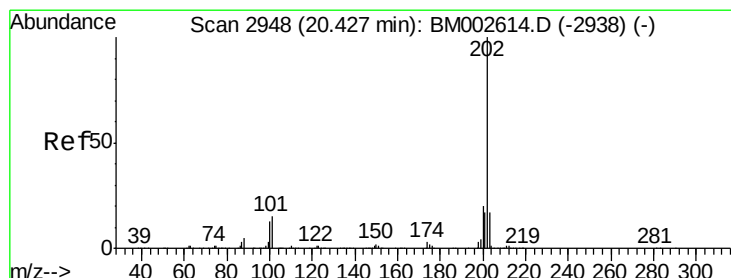
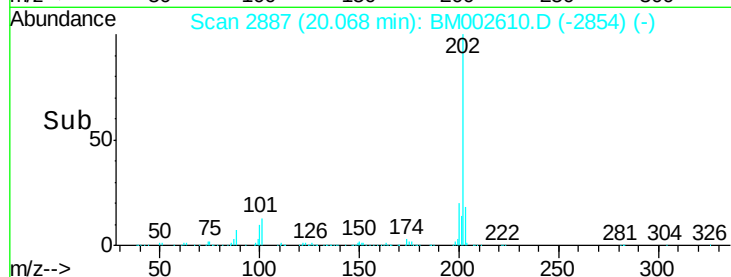
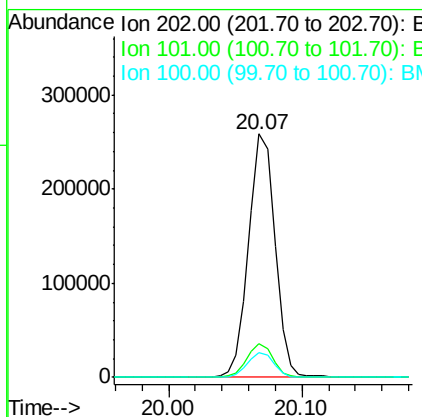
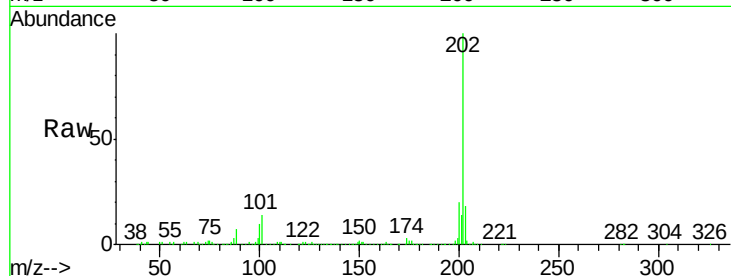
#16
Fluoranthene
 Concen: 9.36 ng/ul
 RT: 20.07 min Scan# 2887
 Delta R.T. -0.01 min
 Lab File: BM002610.D
 Acq: 01 Sep 2015 03:55

Instrument :
 BNA_M
 ClientSampleId :
 D9EA4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	351236		
101	13.7		9.7	14.5
100	10.0		7.4	11.2

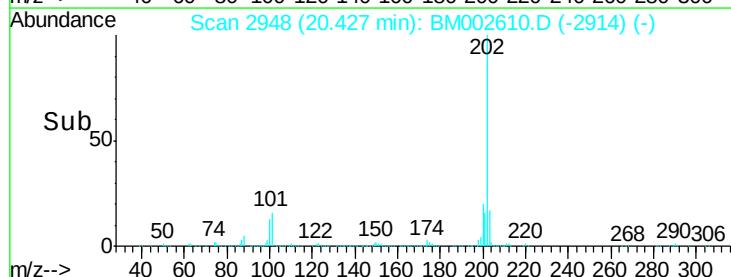
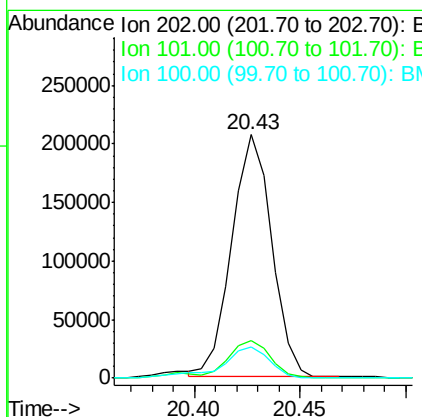
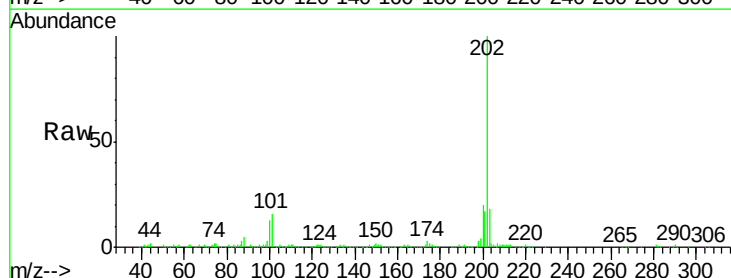
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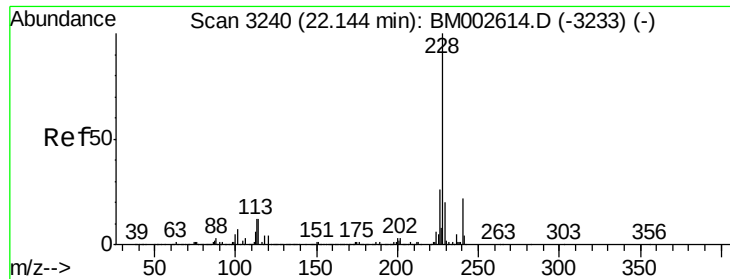
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#19
Pyrene
 Concen: 11.34 ng/ul
 RT: 20.43 min Scan# 2948
 Delta R.T. 0.00 min
 Lab File: BM002610.D
 Acq: 01 Sep 2015 03:55

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	271914		
101	15.6		12.0	18.0
100	12.8		9.7	14.5





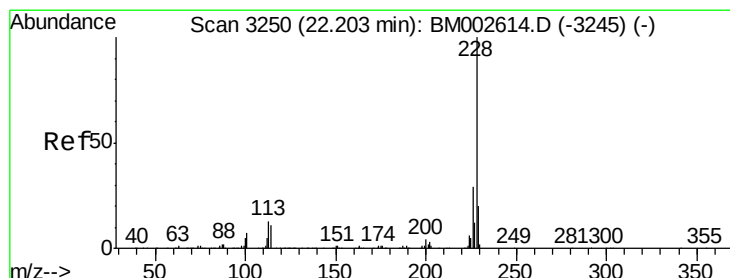
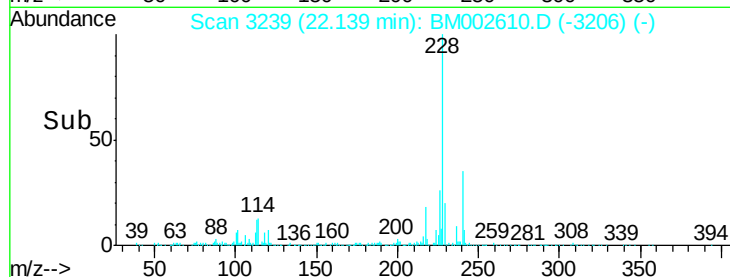
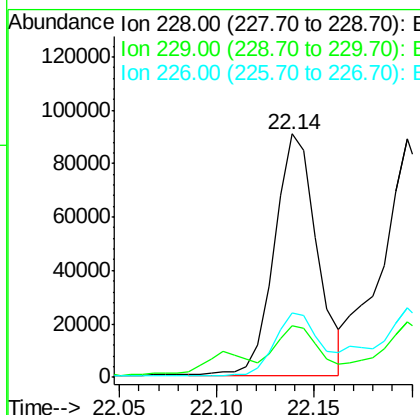
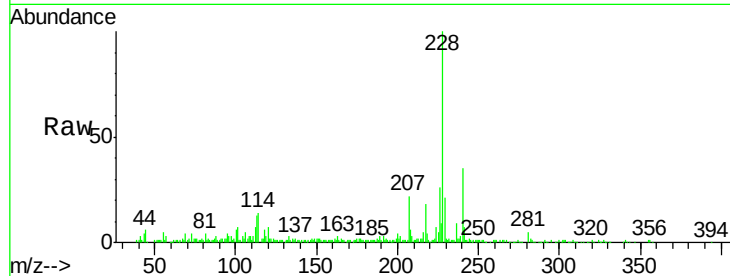
#20
Benzo(a)anthracene
Concen: 5.63 ng/ul
RT: 22.14 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

Instrument :
BNA_M
ClientSampleId :
D9EA4

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	137835		
229	21.2	15.8	23.6	
226	26.3	21.1	31.7	

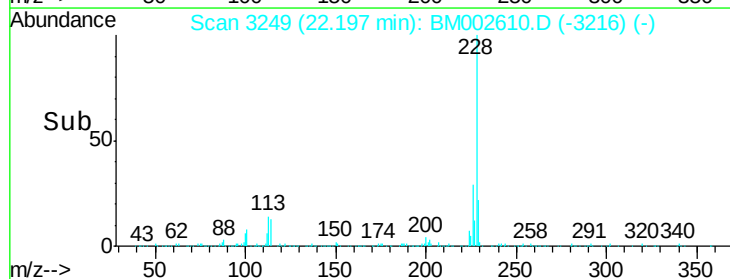
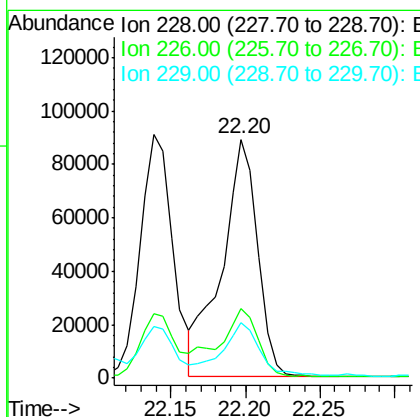
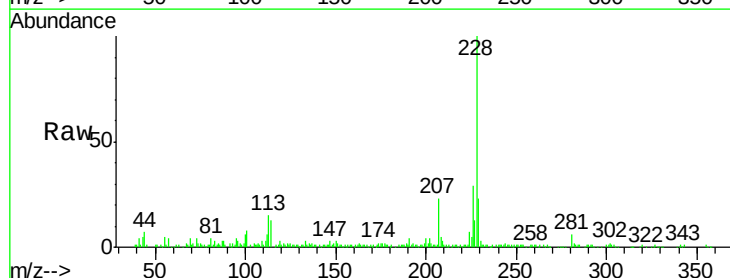
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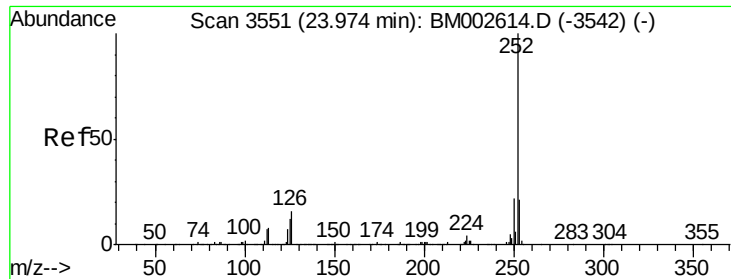
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#21
Chrysene
Concen: 6.51 ng/ul
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	149146		
226	29.2	23.4	35.2	
229	23.1	15.7	23.5	





#23

Benzo(b)fluoranthene

Concen: 8.88 ng/ul

RT: 23.97 min Scan# 3551

Delta R.T. -0.01 min

Lab File: BM002610.D

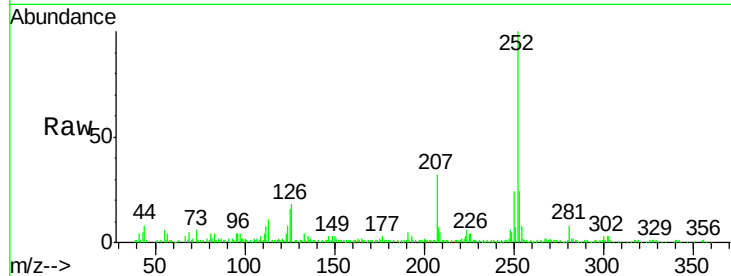
Acq: 01 Sep 2015 03:55

Instrument :

BNA_M

ClientSampleID :

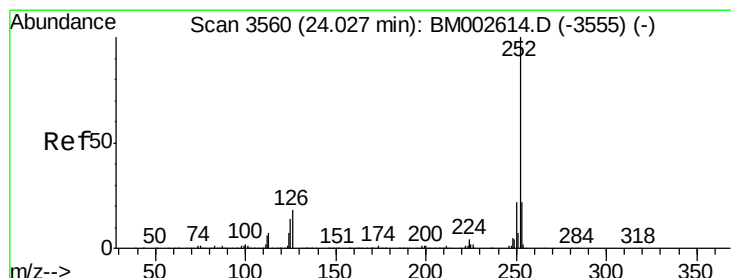
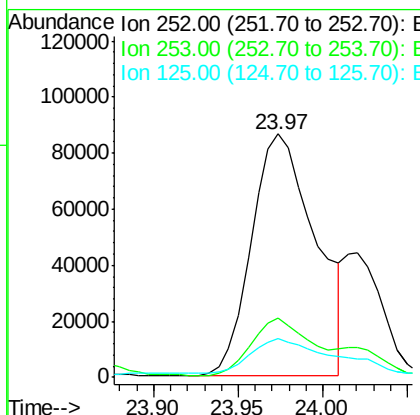
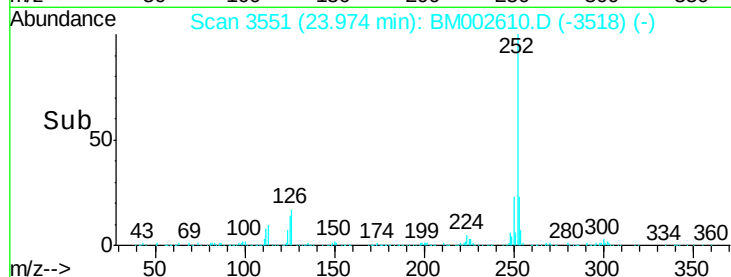
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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	227479		
253	24.1	17.4	26.0	
125	15.8	10.0	15.0#	

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#24

Benzo(k)fluoranthene

Concen: 2.87 ng/ul m

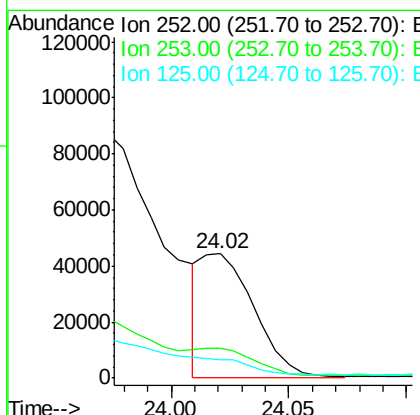
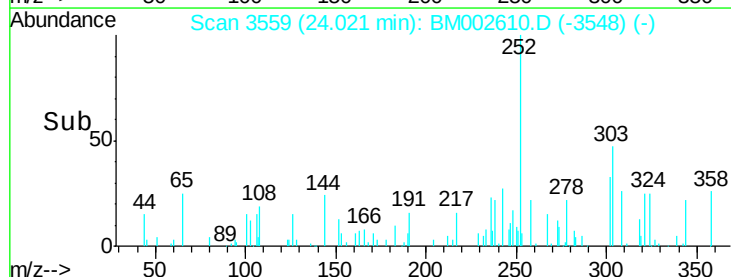
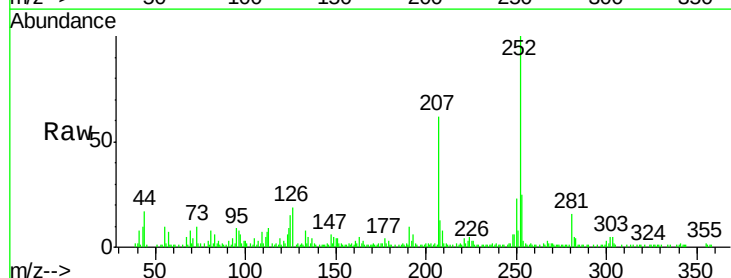
RT: 24.02 min Scan# 3559

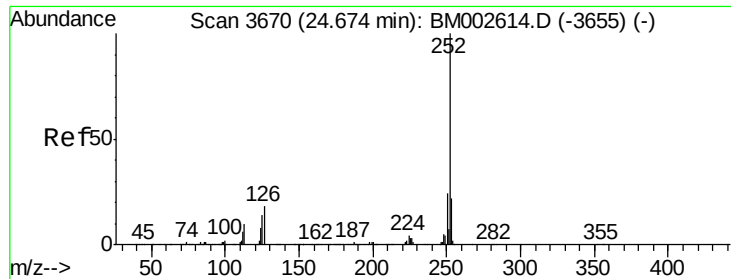
Delta R.T. -0.01 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	69553		
253	24.5	17.8	26.6	
125	15.3	9.8	14.8#	





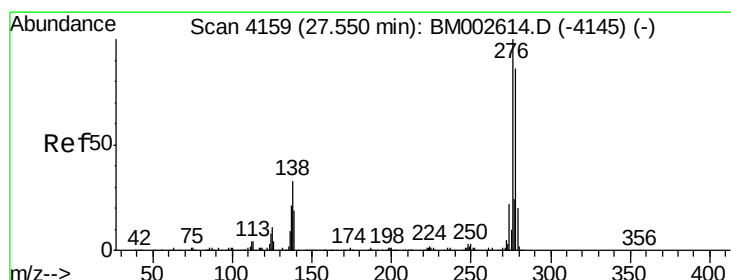
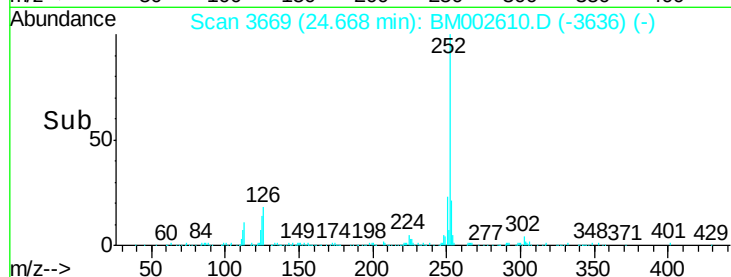
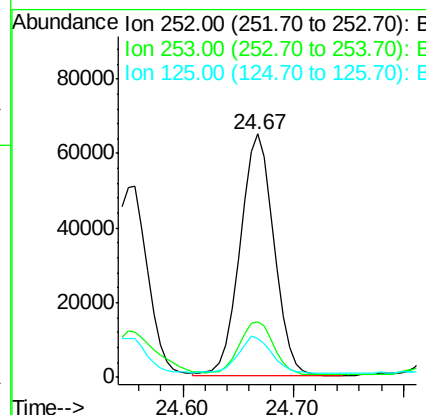
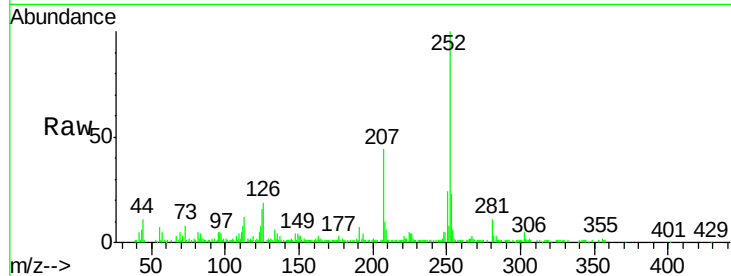
#26
Benzo(a)pyrene
Concen: 5.70 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

Instrument :
BNA_M
ClientSampleId :
D9EA4

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	17.6	26.4
125	16.1	10.7	16.1#

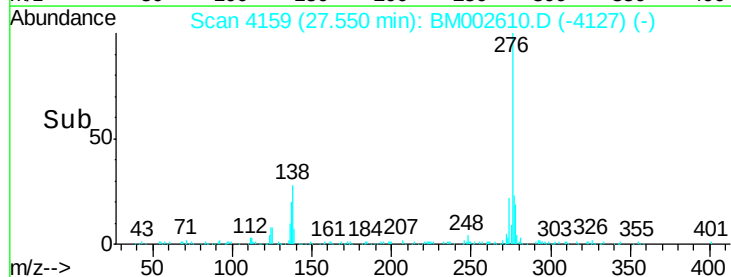
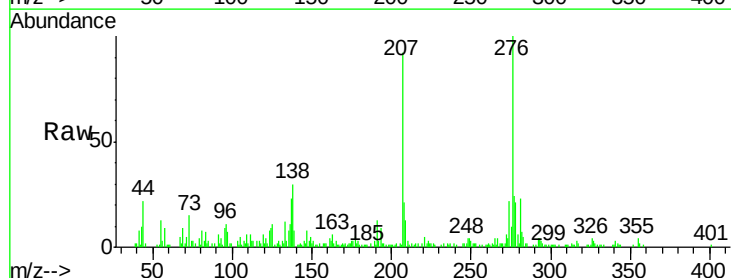
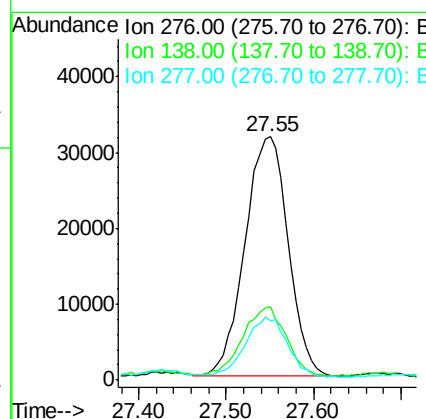
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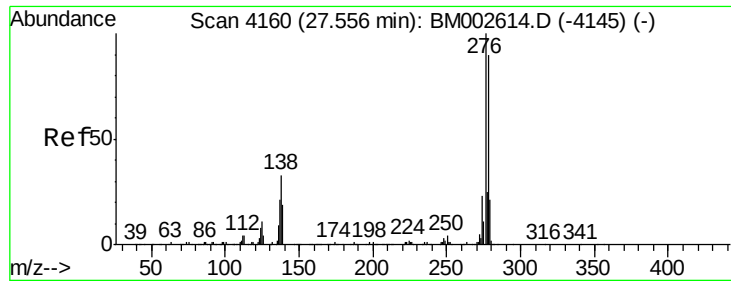
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#27
Indeno(1,2,3-cd)pyrene
Concen: 3.79 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002610.D
Acq: 01 Sep 2015 03:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	30.1	25.3	37.9
277	24.1	20.2	30.2





#28

Dibenzo(a,h)anthracene

Concen: 1.28 ng/ul

RT: 27.54 min Scan# 4157

Delta R.T. -0.02 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

Instrument :

BNA_M

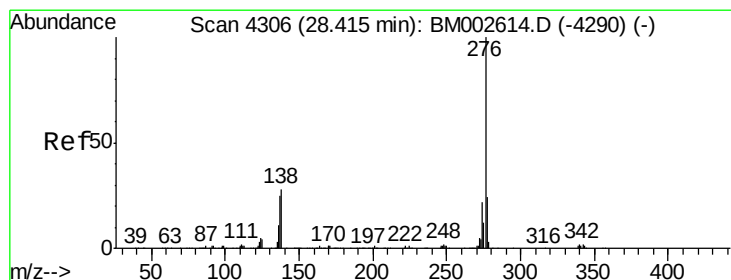
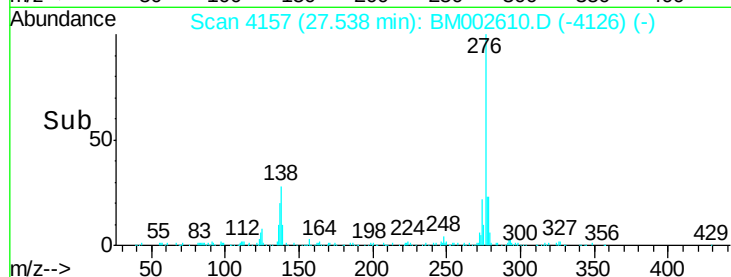
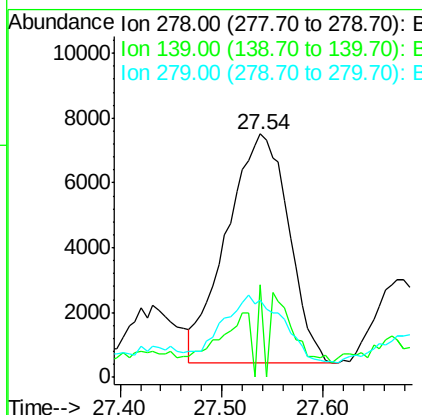
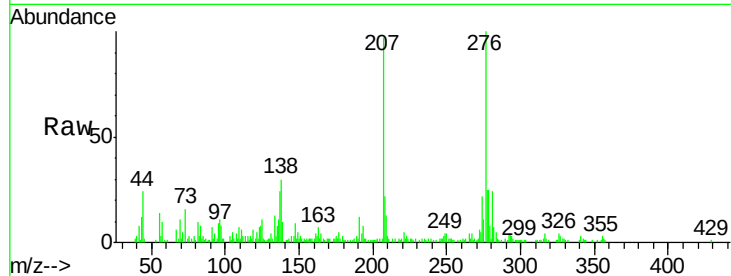
ClientSampleId :

D9EA4

Tgt Ion:	278	Resp:	30083
Ion Ratio	Lower	Upper	
278	100		
139	38.1	16.5	24.7#
279	31.5	18.8	28.2#

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#29

Benzo(g,h,i)perylene

Concen: 4.17 ng/ul

RT: 28.41 min Scan# 4306

Delta R.T. -0.01 min

Lab File: BM002610.D

Acq: 01 Sep 2015 03:55

Tgt Ion:	276	Resp:	97626
Ion Ratio	Lower	Upper	
276	100		
138	28.9	21.0	31.6
277	26.1	19.2	28.8

