

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002628.D
 Acq On : 01 Sep 2015 14:52
 Operator : UM/IZ
 Sample : G3456-15
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E99

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 1:35:40 PM

Quant Time: Sep 01 15:31:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 07:11:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	118157	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	520471	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	247280	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	417669	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	346303	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	356545	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	352328	13.94	ng/ul	0.00
10) Fluorene-d10	16.34	176	222651	12.54	ng/ul	0.00
14) Anthracene-d10	18.17	188	269747	13.39	ng/ul	0.00
18) Pyrene-d10	20.40	212	221595	14.44	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	200905	10.73	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	164224	6.81	ng/ul	Qvalue 100
15) Anthracene	18.21	178	43505	1.78	ng/ul	98
16) Fluoranthene	20.07	202	283127	10.37	ng/ul	98
19) Pyrene	20.43	202	243366	12.00	ng/ul	100
20) Benzo(a)anthracene	22.14	228	144742	6.99	ng/ul	98
21) Chrysene	22.20	228	135875m	7.01	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	217558	10.09	ng/ul	97
24) Benzo(k)fluoranthene	24.03	252	63721m	3.12	ng/ul	
26) Benzo(a)pyrene	24.67	252	142599	6.93	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.56	276	111477	4.71	ng/ul	95
28) Dibenzo(a,h)anthracene	27.55	278	32509	1.64	ng/ul#	77
29) Benzo(g,h,i)perylene	28.43	276	103383	5.25	ng/ul	94

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

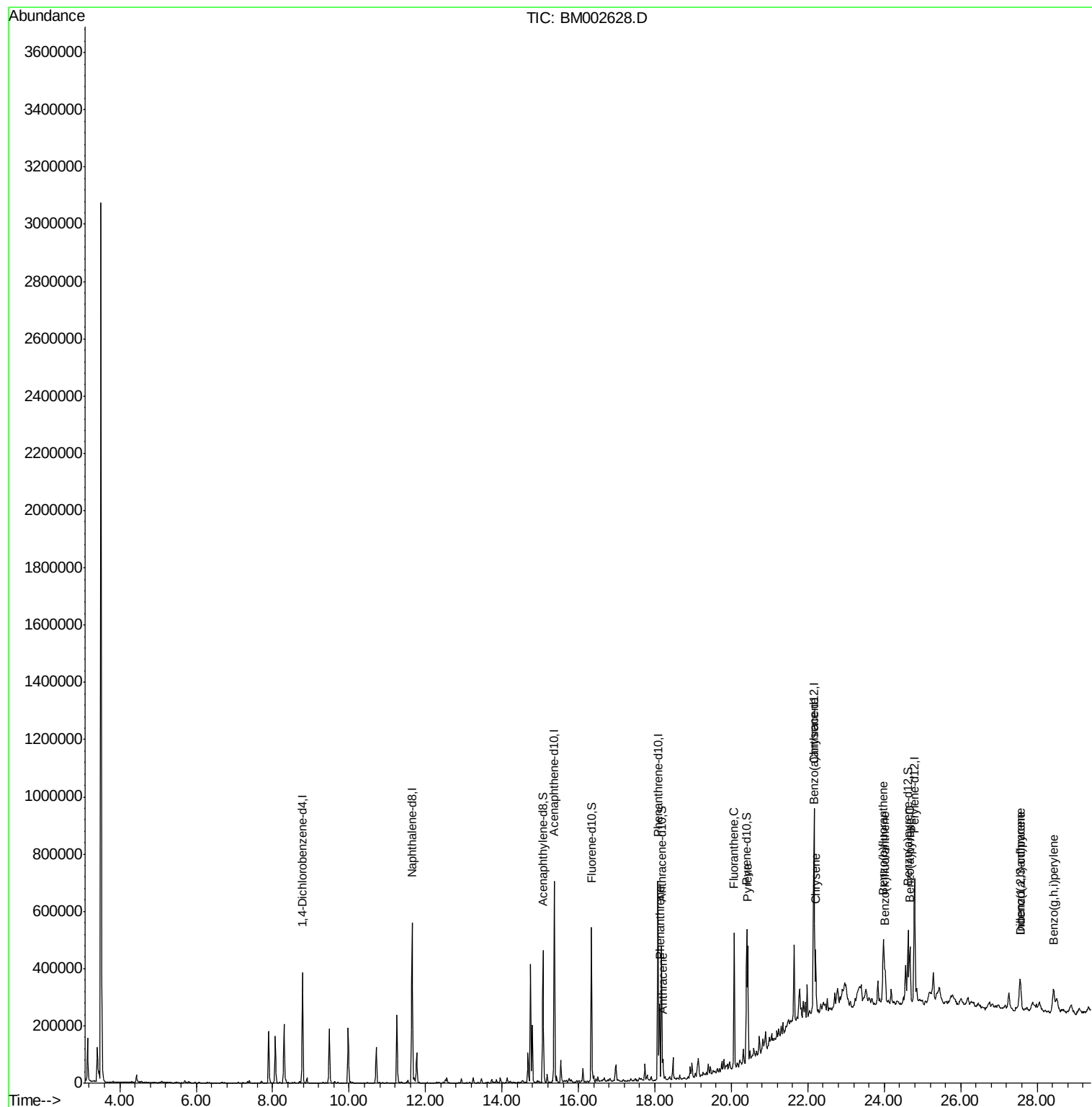
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
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ALS Vial : 40 Sample Multiplier: 1

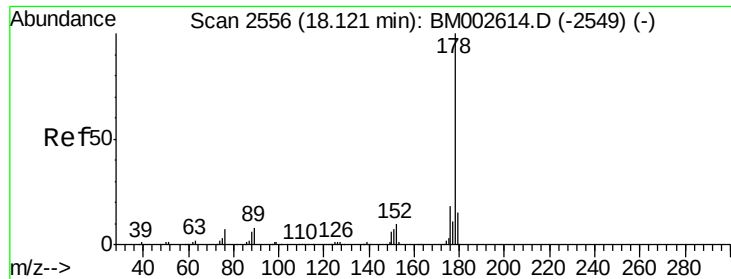
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#13

Phenanthrene

Concen: 6.81 ng/ul

RT: 18.12 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BM002628.D

Acq: 01 Sep 2015 14:52

Instrument :

BNA_M

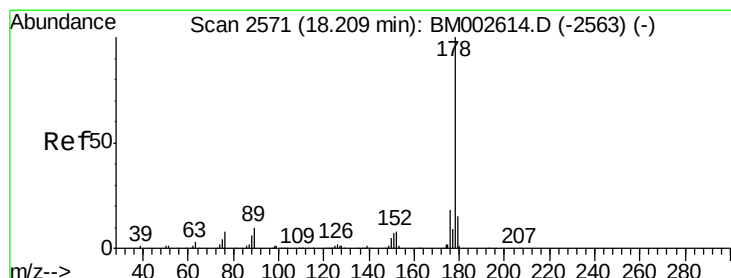
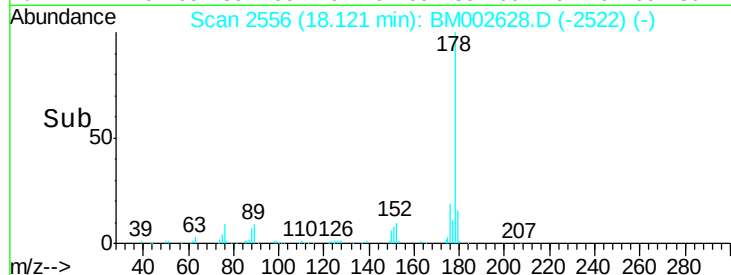
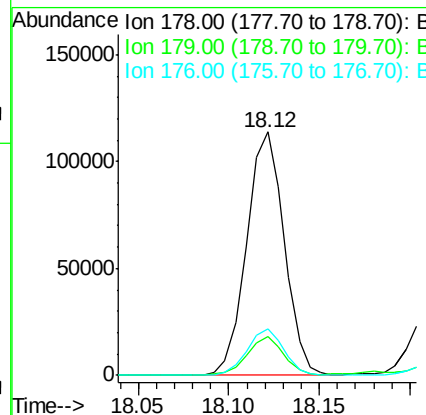
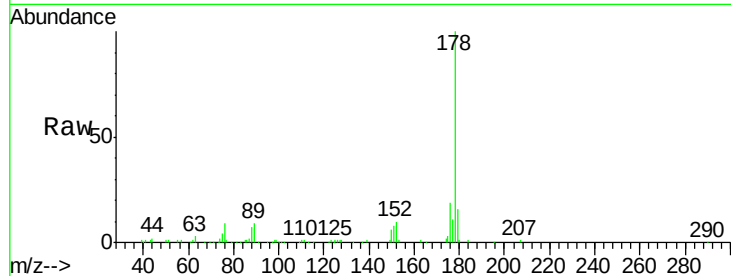
ClientSampleId :

D9E99

Tgt Ion:	178	Resp:	164224
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.4	18.6
176	18.9	15.1	22.7

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#15

Anthracene

Concen: 1.78 ng/ul

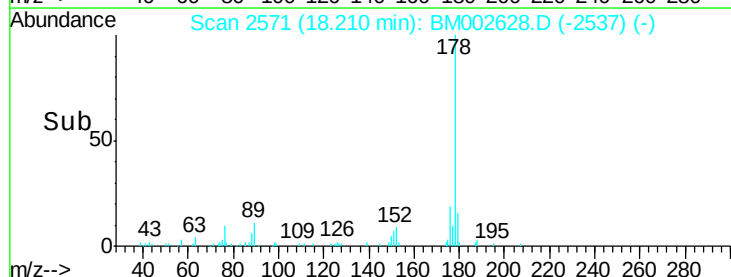
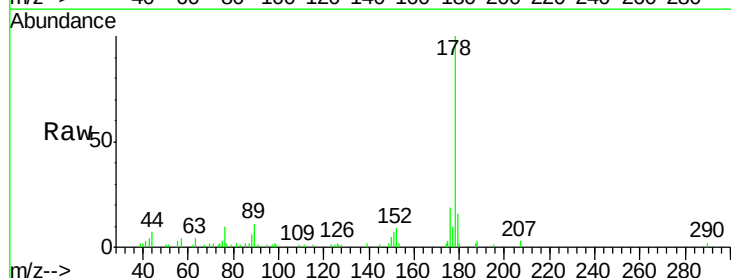
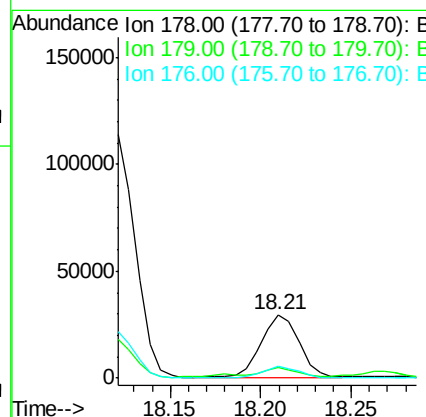
RT: 18.21 min Scan# 2571

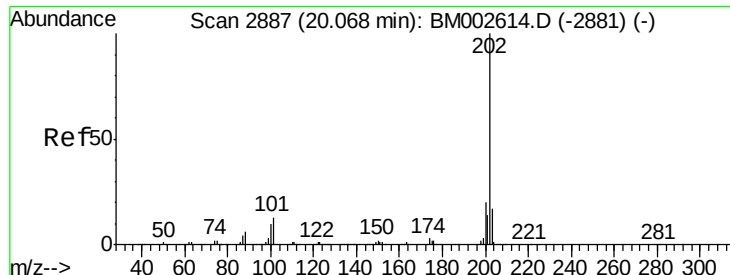
Delta R.T. 0.00 min

Lab File: BM002628.D

Acq: 01 Sep 2015 14:52

Tgt Ion:	178	Resp:	43505
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	18.8
176	19.5	14.5	21.7





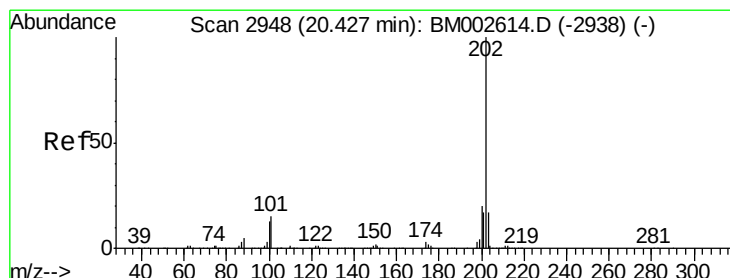
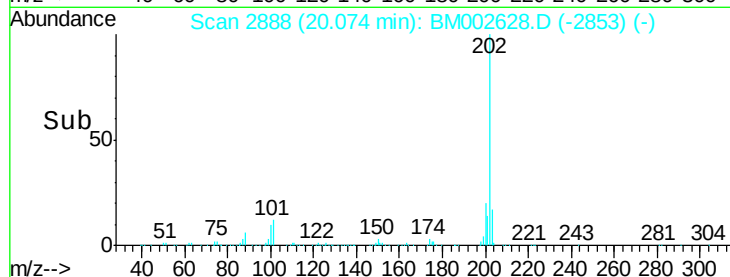
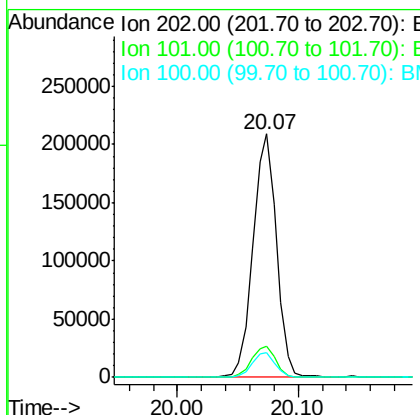
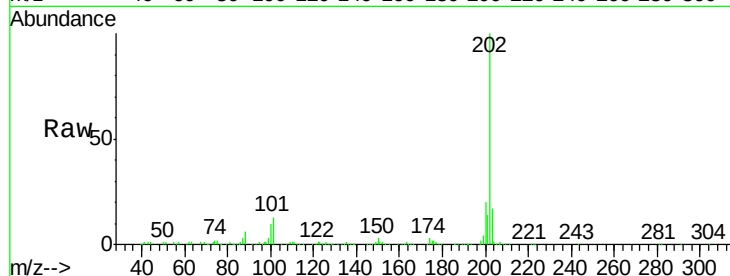
#16
Fluoranthene
Concen: 10.37 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Instrument :
BNA_M
ClientSampleId :
D9E99

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	9.7	14.5
100	10.0	7.4	11.2

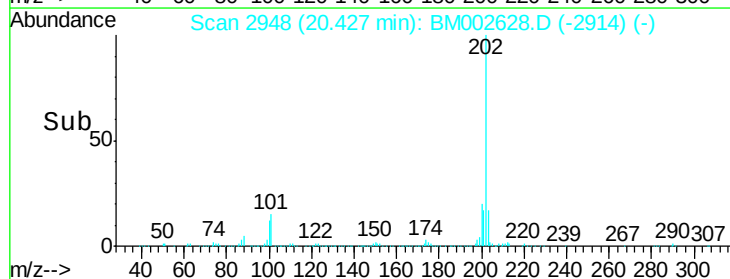
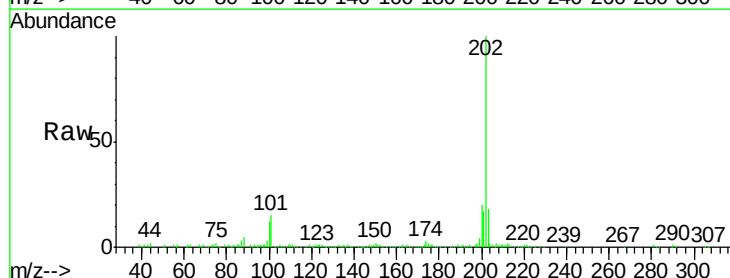
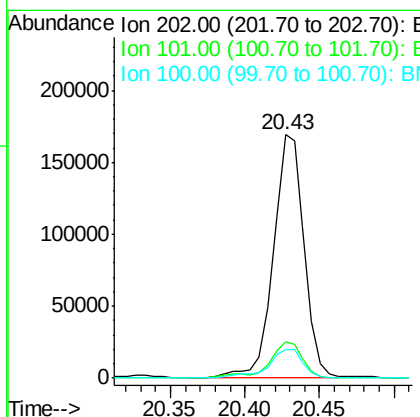
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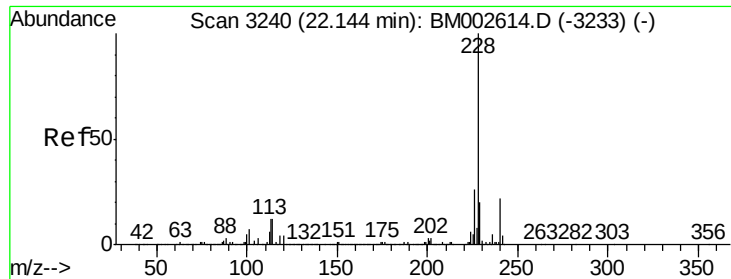
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#19
Pyrene
Concen: 12.00 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.1	12.0	18.0
100	11.9	9.7	14.5





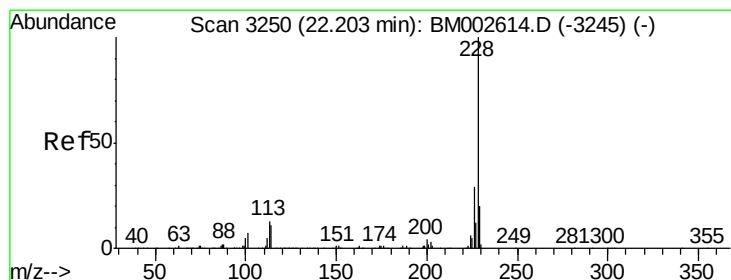
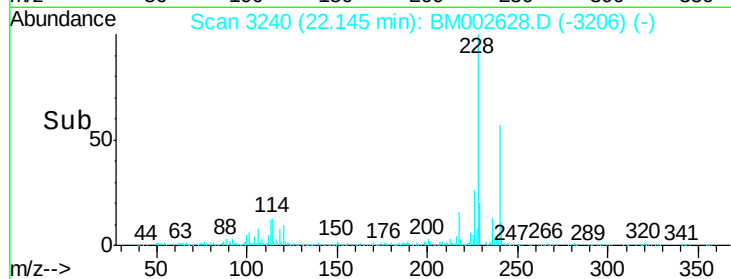
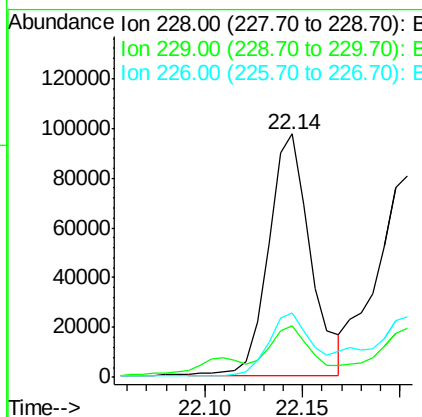
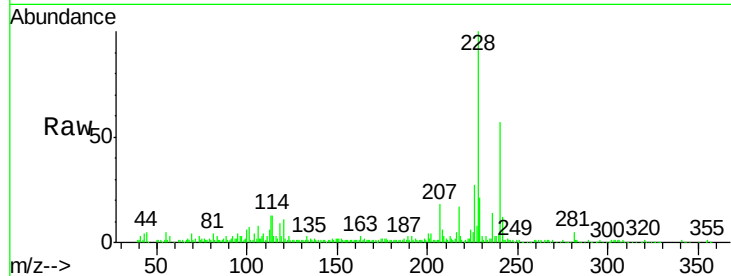
#20
Benzo(a)anthracene
Concen: 6.99 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Instrument :
BNA_M
ClientSampleId :
D9E99

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.8	23.6
226	26.6	21.1	31.7

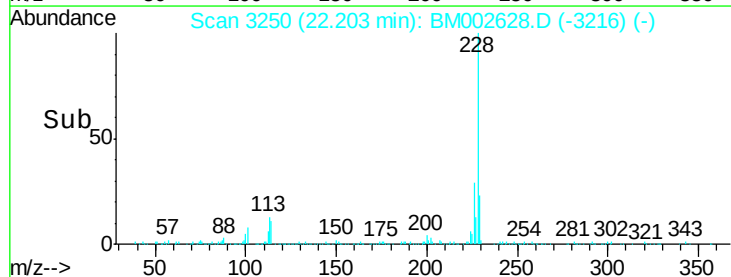
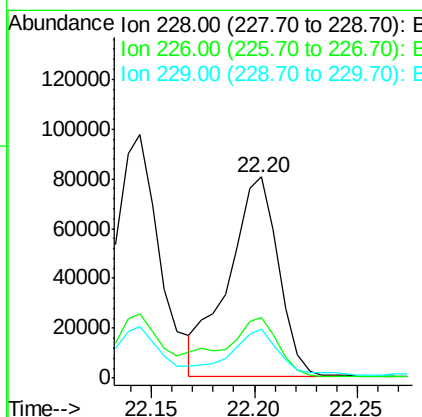
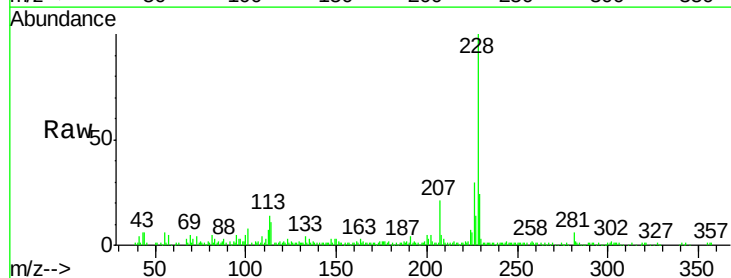
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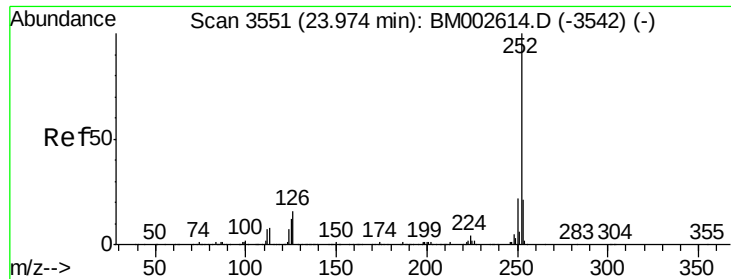
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#21
Chrysene
Concen: 7.01 ng/ul m
RT: 22.20 min Scan# 3250
Delta R.T. 0.00 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	24.1	15.7	23.5#





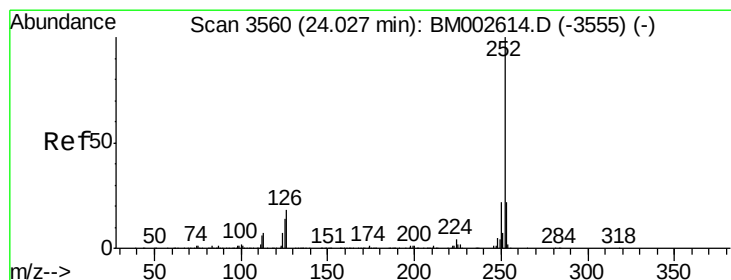
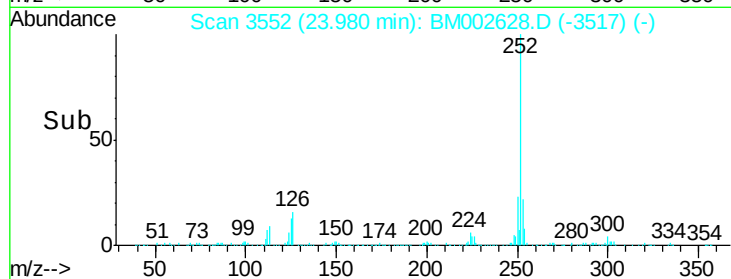
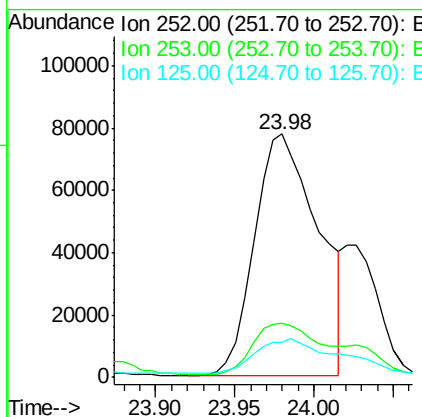
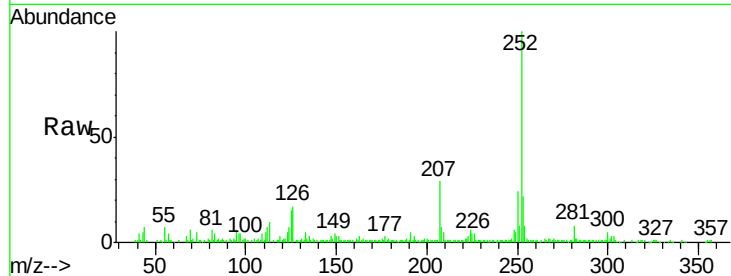
#23
Benzo(b)fluoranthene
Concen: 10.09 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Instrument :
BNA_M
ClientSampleID :
D9E99

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.6	10.0	15.0

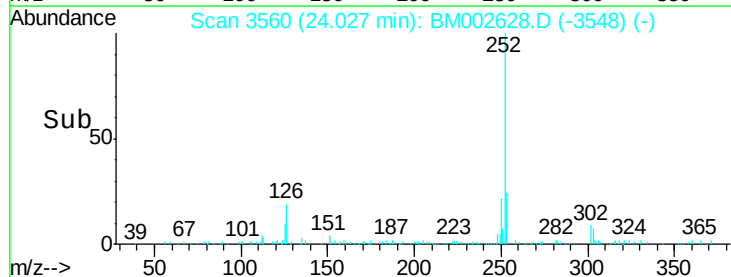
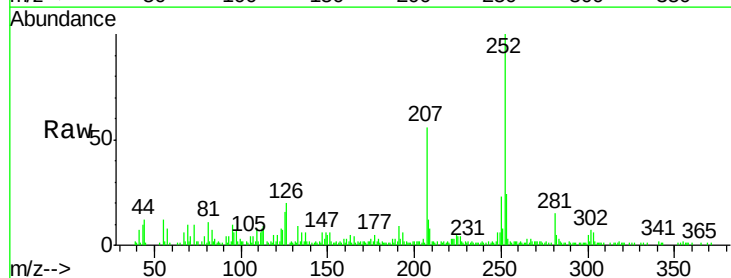
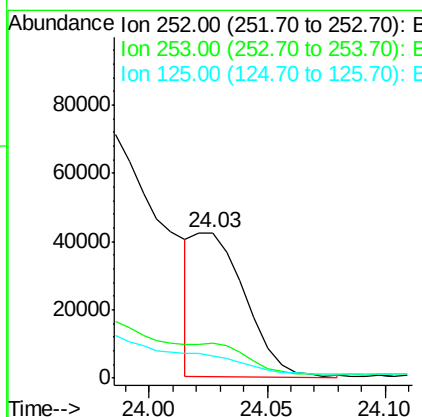
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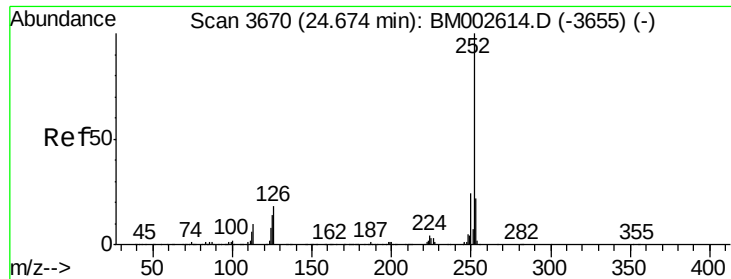
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#24
Benzo(k)fluoranthene
Concen: 3.12 ng/ul m
RT: 24.03 min Scan# 3560
Delta R.T. 0.00 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.6
125	15.7	9.8	14.8#





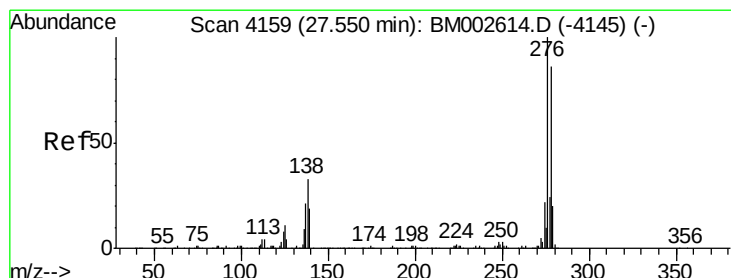
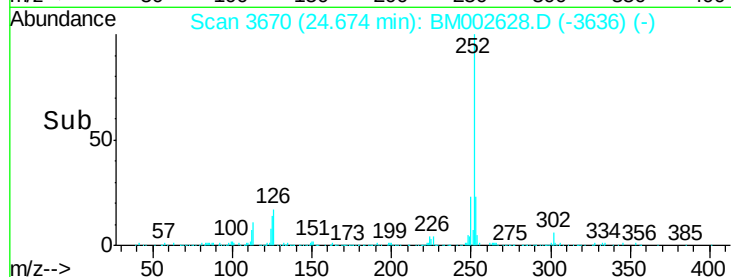
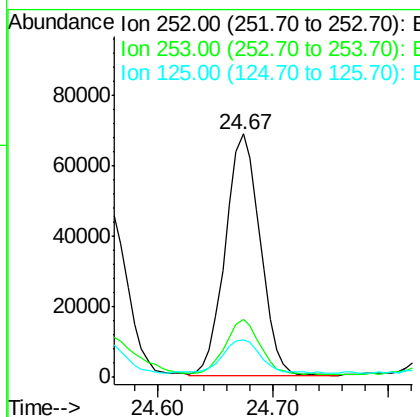
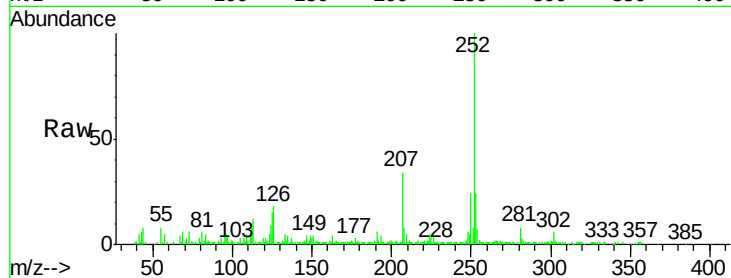
#26
Benzo(a)pyrene
Concen: 6.93 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. 0.00 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Instrument :
BNA_M
ClientSampleId :
D9E99

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	17.6	26.4
125	15.2	10.7	16.1

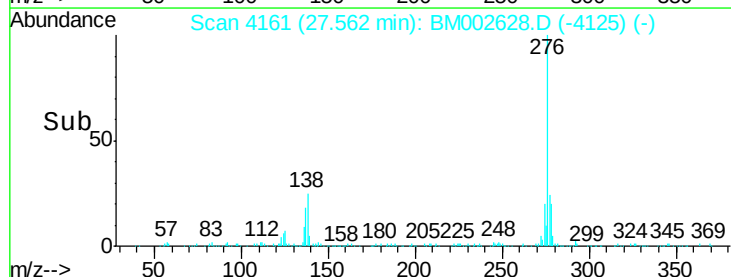
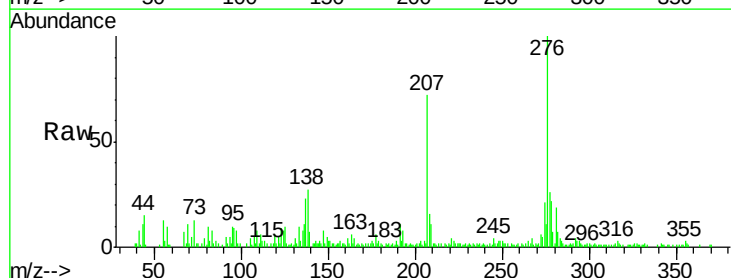
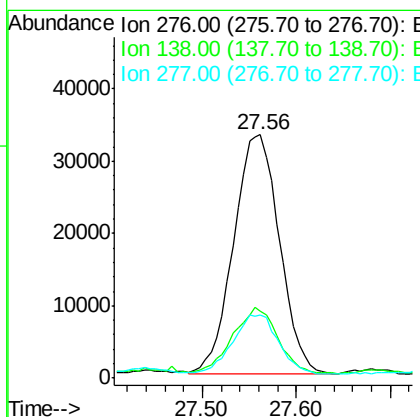
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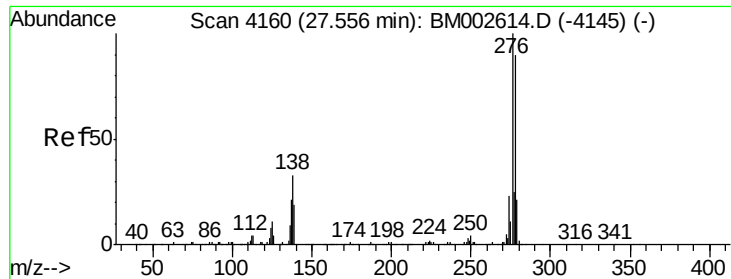
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#27
Indeno(1,2,3-cd)pyrene
Concen: 4.71 ng/ul
RT: 27.56 min Scan# 4161
Delta R.T. 0.01 min
Lab File: BM002628.D
Acq: 01 Sep 2015 14:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	27.3	25.3	37.9
277	26.0	20.2	30.2





#28

Dibenzo(a,h)anthracene

Concen: 1.64 ng/ul

RT: 27.55 min Scan# 4159

Delta R.T. -0.01 min

Lab File: BM002628.D

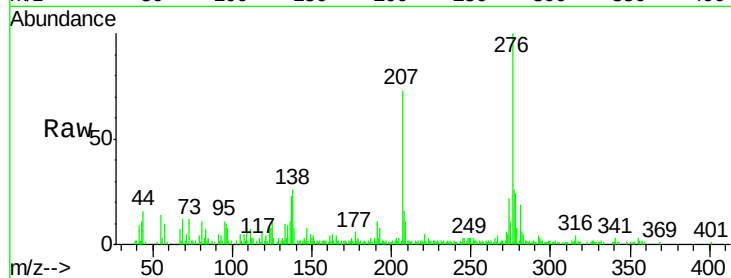
Acq: 01 Sep 2015 14:52

Instrument :

BNA_M

ClientSampled :

D9E99



Tgt Ion:278 Resp: 32509

Ion Ratio Lower Upper

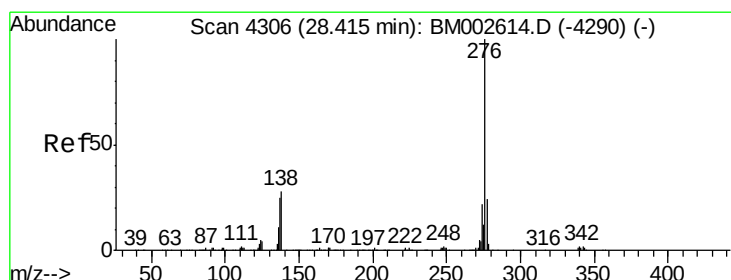
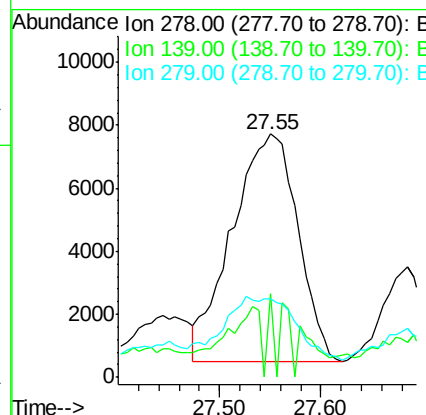
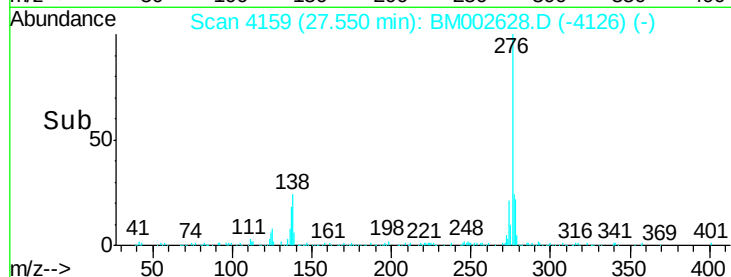
278 100

139 34.5 16.5 24.7#

279 32.0 18.8 28.2#

Manual Integrations
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#29

Benzo(g,h,i)perylene

Concen: 5.25 ng/ul

RT: 28.43 min Scan# 4308

Delta R.T. 0.01 min

Lab File: BM002628.D

Acq: 01 Sep 2015 14:52

Tgt Ion:276 Resp: 103383

Ion Ratio Lower Upper

276 100

138 31.2 21.0 31.6

277 25.0 19.2 28.8

