

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
 Data File : BM002626.D
 Acq On : 01 Sep 2015 13:39
 Operator : UM/IZ
 Sample : G3456-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9E95

Manual Integrations
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Quant Time: Sep 01 14:25:24 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	119926	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	534890	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	266820	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.08	188	490457	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	370529	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	375564	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	679325	24.90	ng/ul	0.00
10) Fluorene-d10	16.34	176	413647	21.59	ng/ul	0.00
14) Anthracene-d10	18.17	188	558540	23.61	ng/ul	0.00
18) Pyrene-d10	20.40	212	384195	23.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.62	264	327108	16.58	ng/ul	0.00
Target Compounds						
13) Phenanthrene	18.12	178	41687	1.47	ng/ul	Qvalue 98
16) Fluoranthene	20.07	202	68372	2.13	ng/ul	98
19) Pyrene	20.43	202	58516	2.70	ng/ul	99
20) Benzo(a)anthracene	22.14	228	35969	1.62	ng/ul	97
21) Chrysene	22.20	228	40318m	1.95	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	63561	2.80	ng/ul#	89
26) Benzo(a)pyrene	24.67	252	43332	2.00	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	27.56	276	33828	1.36	ng/ul	97
29) Benzo(g,h,i)perylene	28.43	276	35574	1.71	ng/ul#	89

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

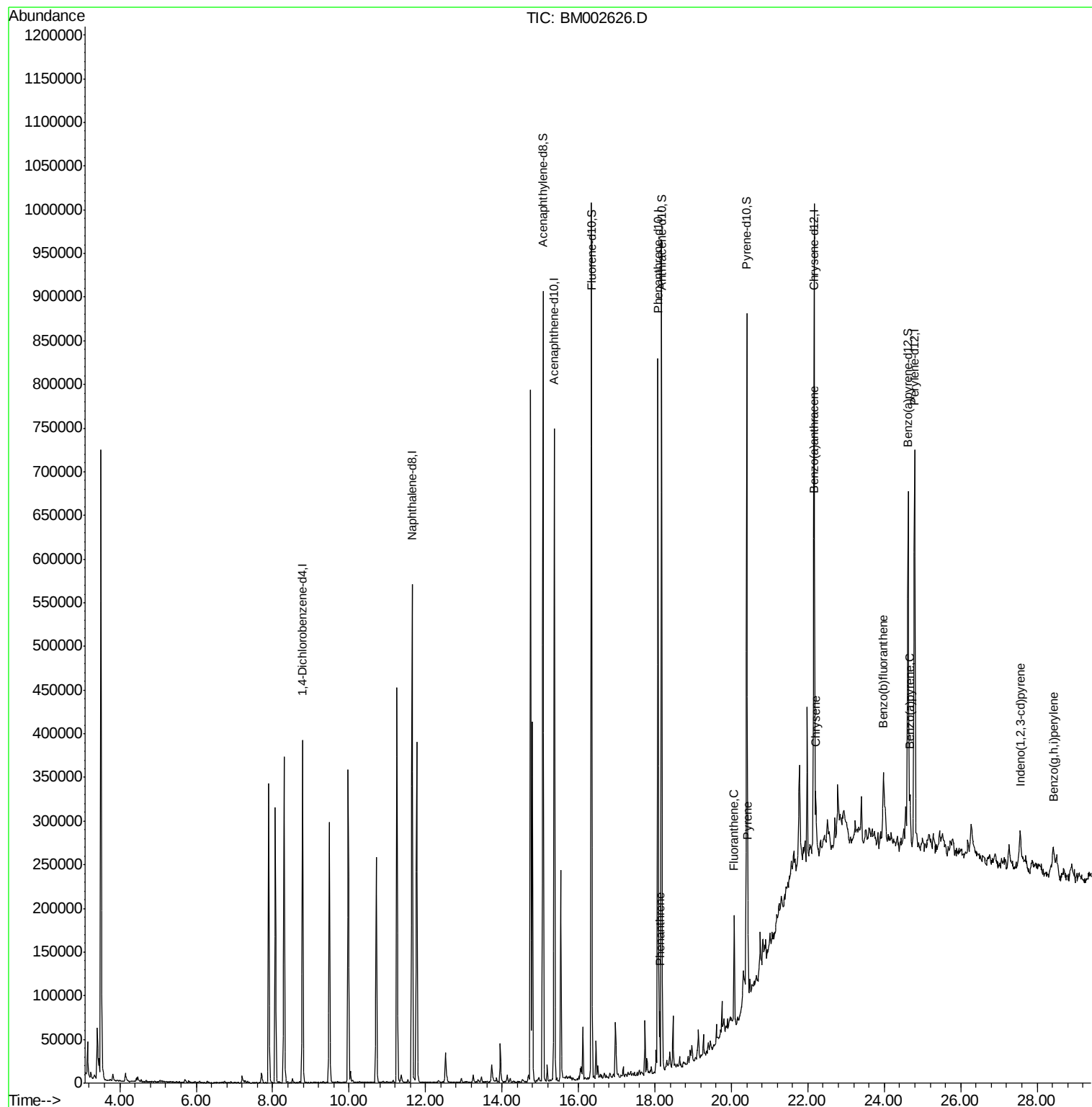
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
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ALS Vial : 38 Sample Multiplier: 1

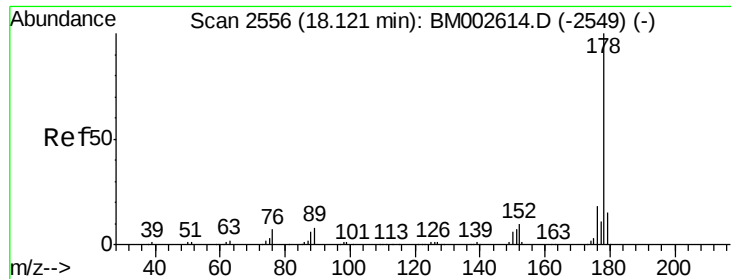
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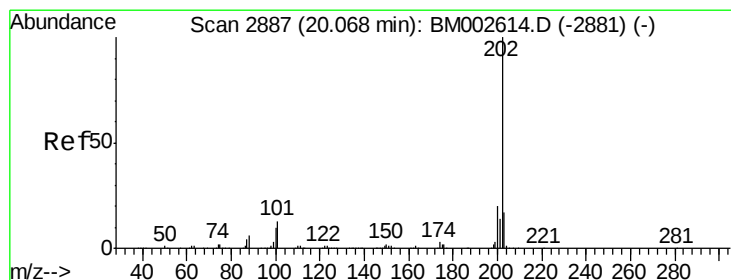
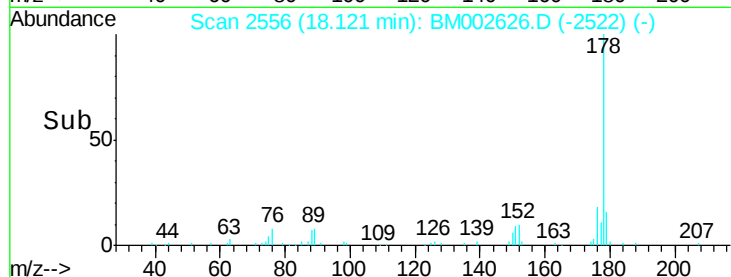
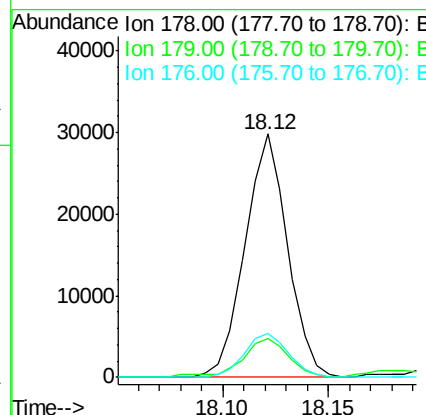
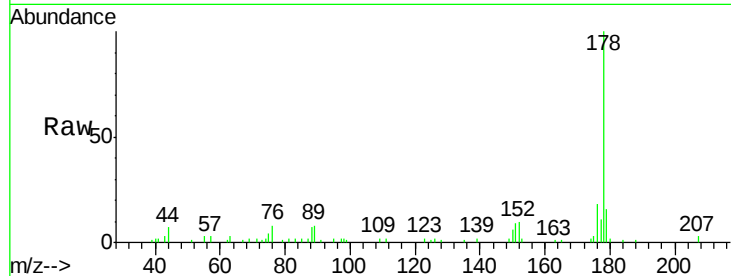
#13
Phenanthrene
Concen: 1.47 ng/ul
RT: 18.12 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BM002626.D
Acq: 01 Sep 2015 13:39

Instrument :
BNA_M
ClientSampleId :
D9E95

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	41687		
179	16.0	12.4	18.6	
176	18.1	15.1	22.7	

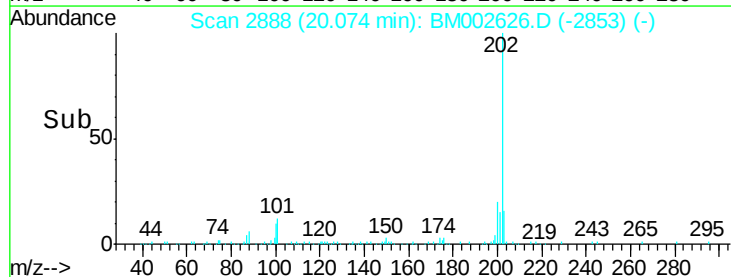
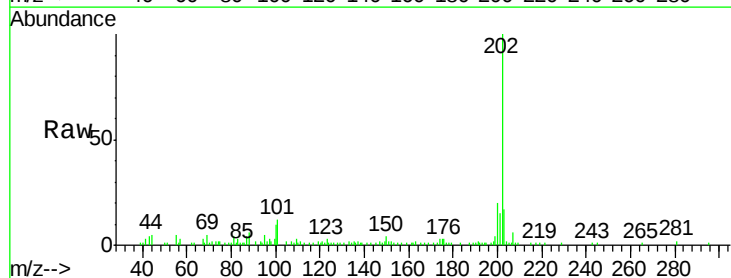
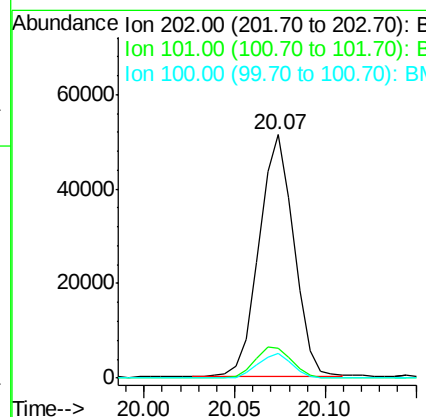
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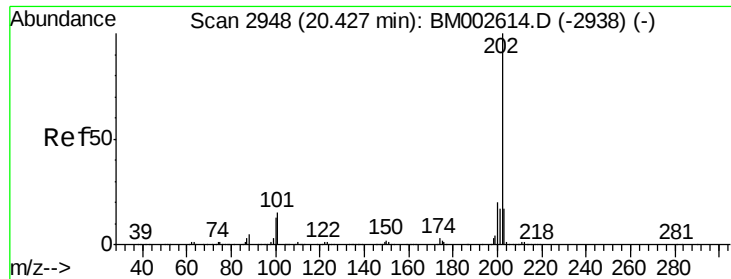
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#16
Fluoranthene
Concen: 2.13 ng/ul
RT: 20.07 min Scan# 2888
Delta R.T. 0.01 min
Lab File: BM002626.D
Acq: 01 Sep 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	68372		
101	12.3	9.7	14.5	
100	10.3	7.4	11.2	





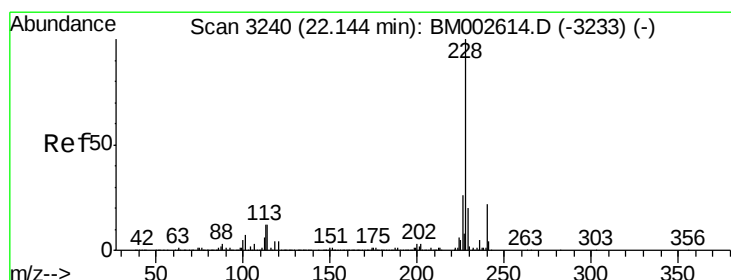
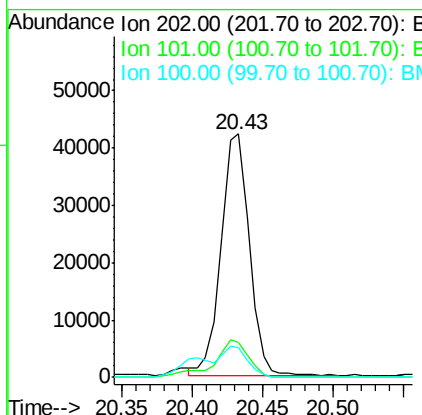
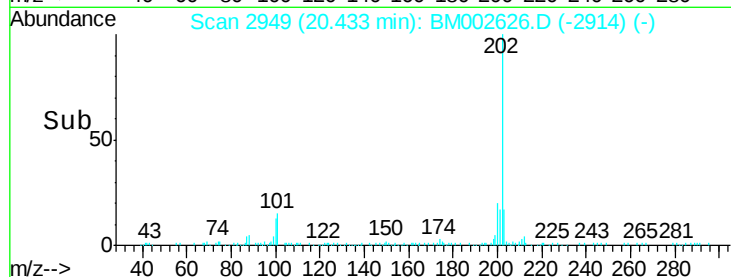
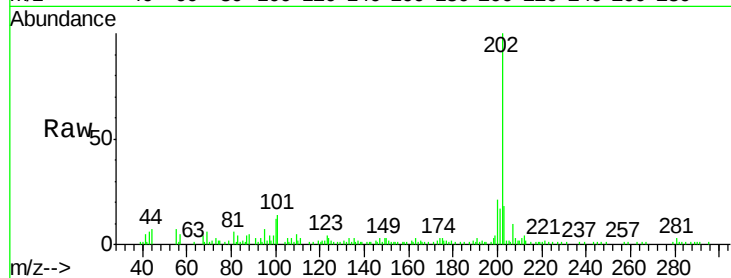
#19
 Pyrene
 Concen: 2.70 ng/ul
 RT: 20.43 min Scan# 2949
 Delta R.T. 0.01 min
 Lab File: BM002626.D
 Acq: 01 Sep 2015 13:39

Instrument :
 BNA_M
 ClientSampleId :
 D9E95

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	58516		
101	14.3	12.0	18.0	
100	12.4	9.7	14.5	

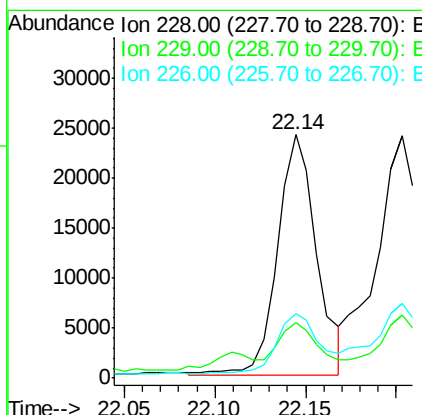
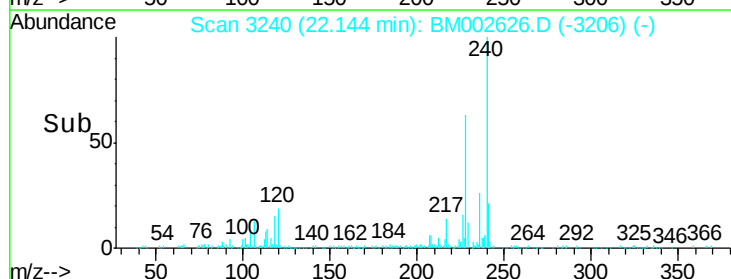
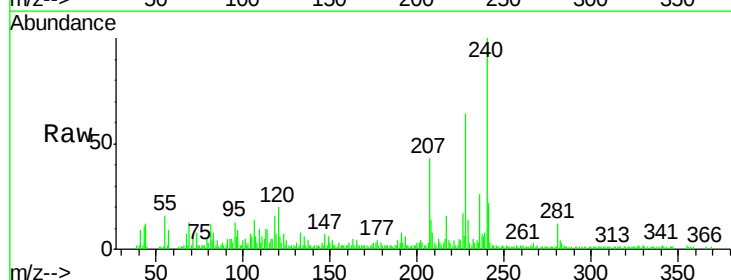
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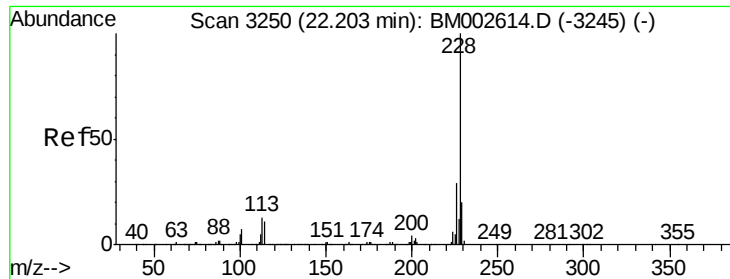
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#20
 Benzo(a)anthracene
 Concen: 1.62 ng/ul
 RT: 22.14 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: BM002626.D
 Acq: 01 Sep 2015 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	35969		
229	22.8	15.8	23.6	
226	26.4	21.1	31.7	





#21

Chrysene

Concen: 1.95 ng/ul m

RT: 22.20 min Scan# 3250

Delta R.T. 0.00 min

Lab File: BM002626.D

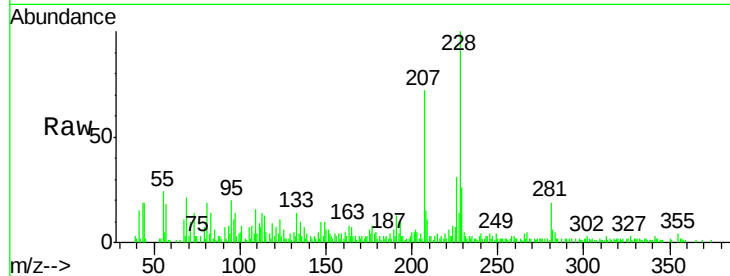
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Instrument :

BNA_M

ClientSampleId :

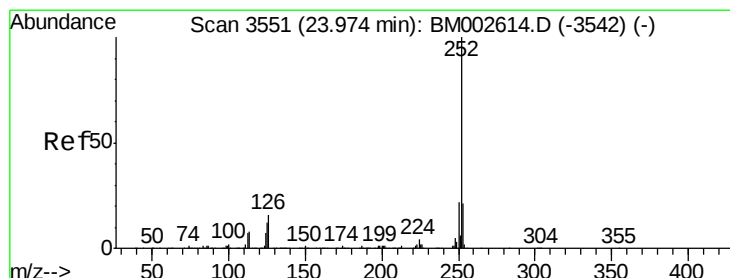
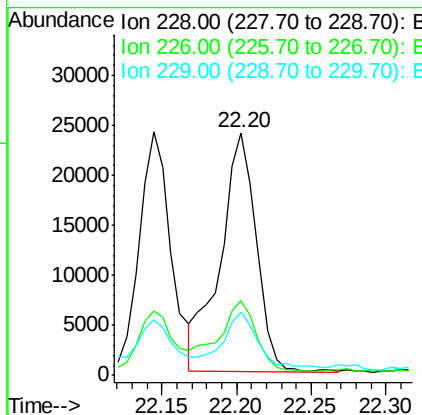
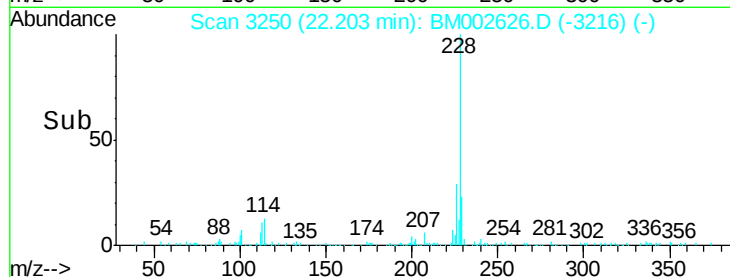
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Tgt Ion:	228	Resp:	40318
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	26.1	15.7	23.5#

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#23

Benzo(b)fluoranthene

Concen: 2.80 ng/ul

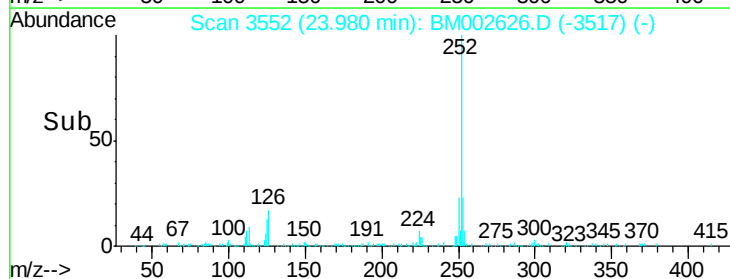
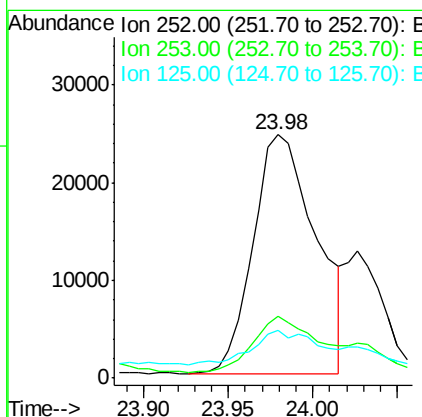
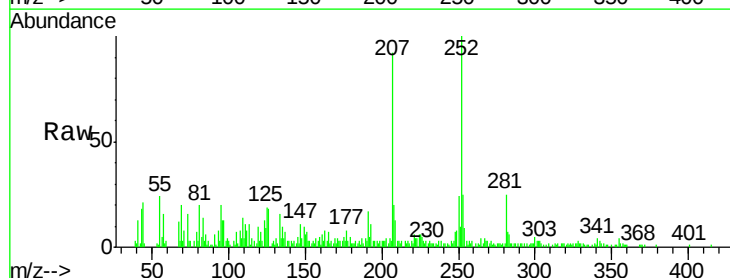
RT: 23.98 min Scan# 3552

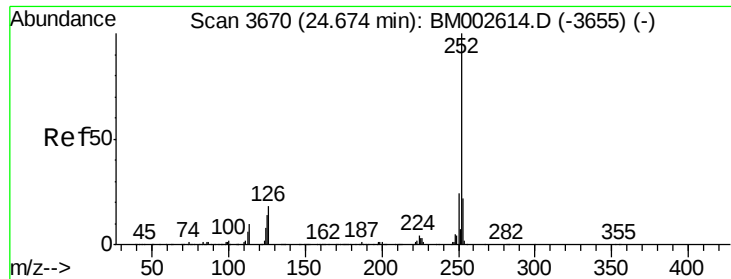
Delta R.T. 0.01 min

Lab File: BM002626.D

Acq: 01 Sep 2015 13:39

Tgt Ion:	252	Resp:	63561
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.4	26.0
125	19.4	10.0	15.0#





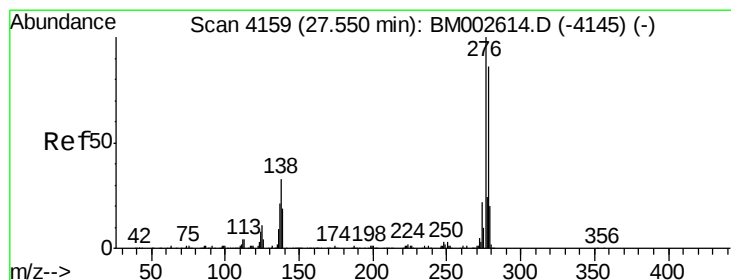
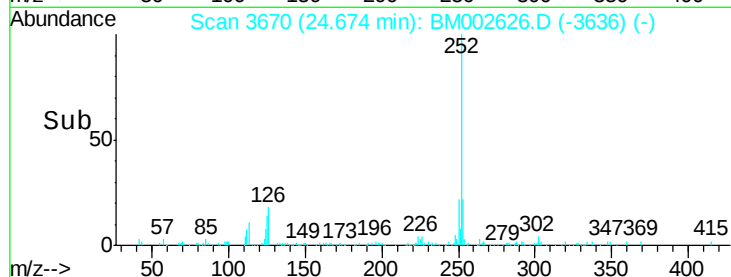
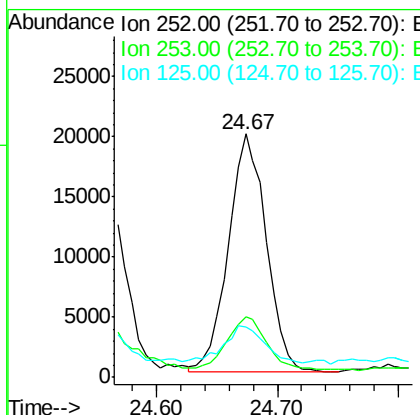
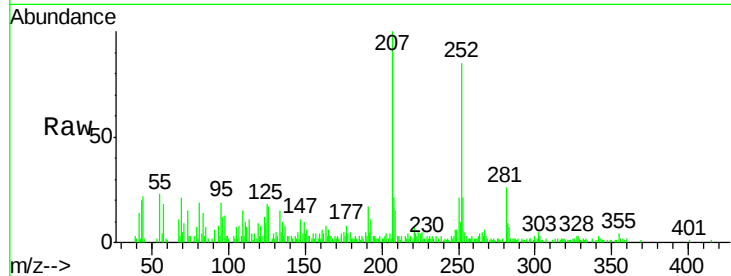
#26
Benzo(a)pyrene
Concen: 2.00 ng/ul
RT: 24.67 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BM002626.D
Acq: 01 Sep 2015 13:39

Instrument :
BNA_M
ClientSampleId :
D9E95

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.8	17.6	26.4
125	20.6	10.7	16.1

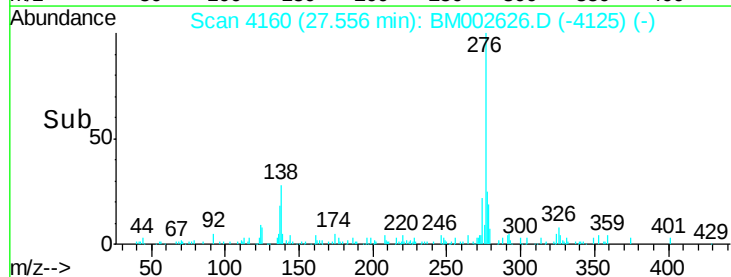
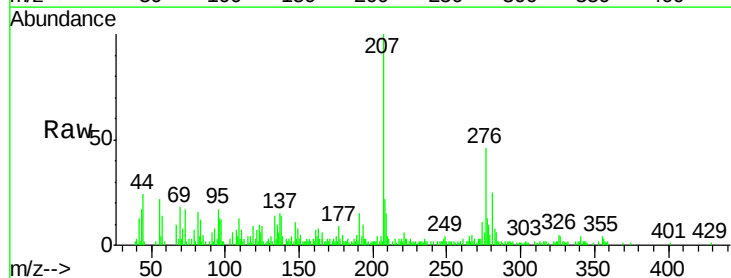
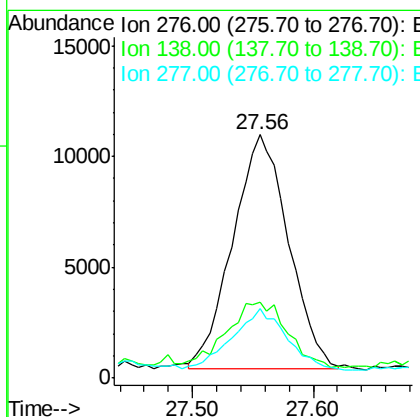
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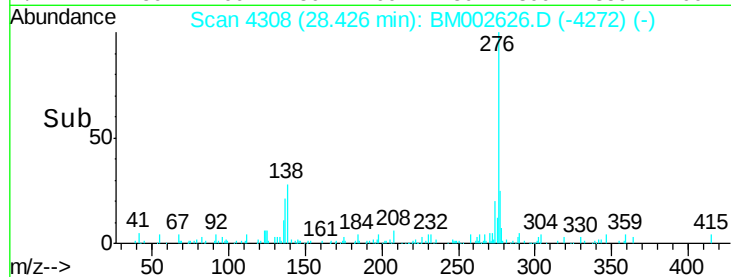
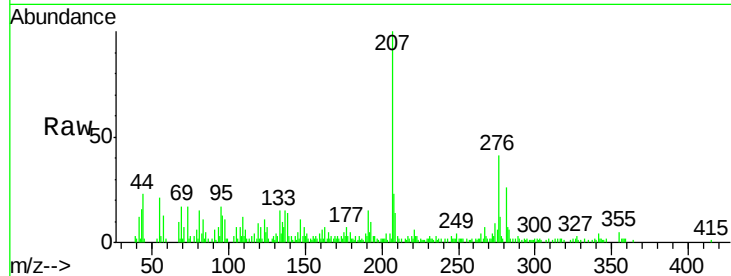
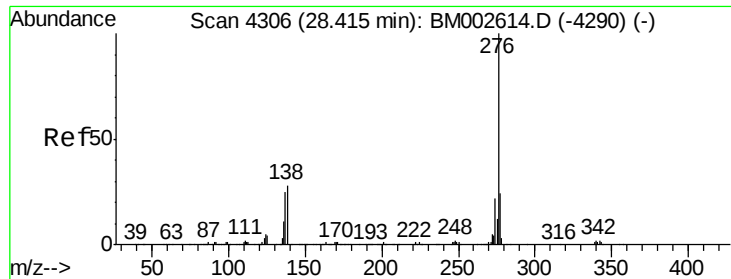
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.36 ng/ul
RT: 27.56 min Scan# 4160
Delta R.T. 0.01 min
Lab File: BM002626.D
Acq: 01 Sep 2015 13:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	31.2	25.3	37.9
277	28.5	20.2	30.2





#29

Benzo(g,h,i)perylene

Concen: 1.71 ng/ul

RT: 28.43 min Scan# 4308

Delta R.T. 0.01 min

Lab File: BM002626.D

Acq: 01 Sep 2015 13:39

Tgt Ion:	276	Resp:	35574
Ion Ratio	Lower	Upper	
276	100		
138	32.8	21.0	31.6#
277	28.3	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

D9E95

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