

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
 Data File : BM002438.D
 Acq On : 15 Aug 2015 23:16
 Operator : UM/IZ
 Sample : G3194-13
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9DB4

Manual Integrations
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Quant Time: Aug 17 07:02:40 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 17 05:12:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.88	152	215742	20.00	ng/ul	0.00
2) Naphthalene-d8	11.75	136	953676	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.45	164	466489	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.16	188	828456	20.00	ng/ul	0.00
17) Chrysene-d12	22.23	240	548506	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	538445	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.16	160	779999	16.35	ng/ul	0.00
10) Fluorene-d10	16.42	176	506866	15.13	ng/ul	0.00
14) Anthracene-d10	18.26	188	652337	16.32	ng/ul	0.00
18) Pyrene-d10	20.47	212	509039	20.94	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.73	264	429134	15.17	ng/ul	0.01
Target Compounds						
13) Phenanthrene	18.20	178	54626	1.14	ng/ul	Qvalue 99
16) Fluoranthene	20.14	202	87127	1.61	ng/ul	99
19) Pyrene	20.50	202	83535	2.60	ng/ul	98
20) Benzo(a)anthracene	22.22	228	45490	1.39	ng/ul#	91
21) Chrysene	22.27	228	57719	1.88	ng/ul#	94
23) Benzo(b)fluoranthene	24.07	252	93443m	2.87	ng/ul	
26) Benzo(a)pyrene	24.79	252	56826	1.83	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	27.73	276	45452	1.27	ng/ul	95
29) Benzo(g,h,i)perylene	28.61	276	68434	2.30	ng/ul	96

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

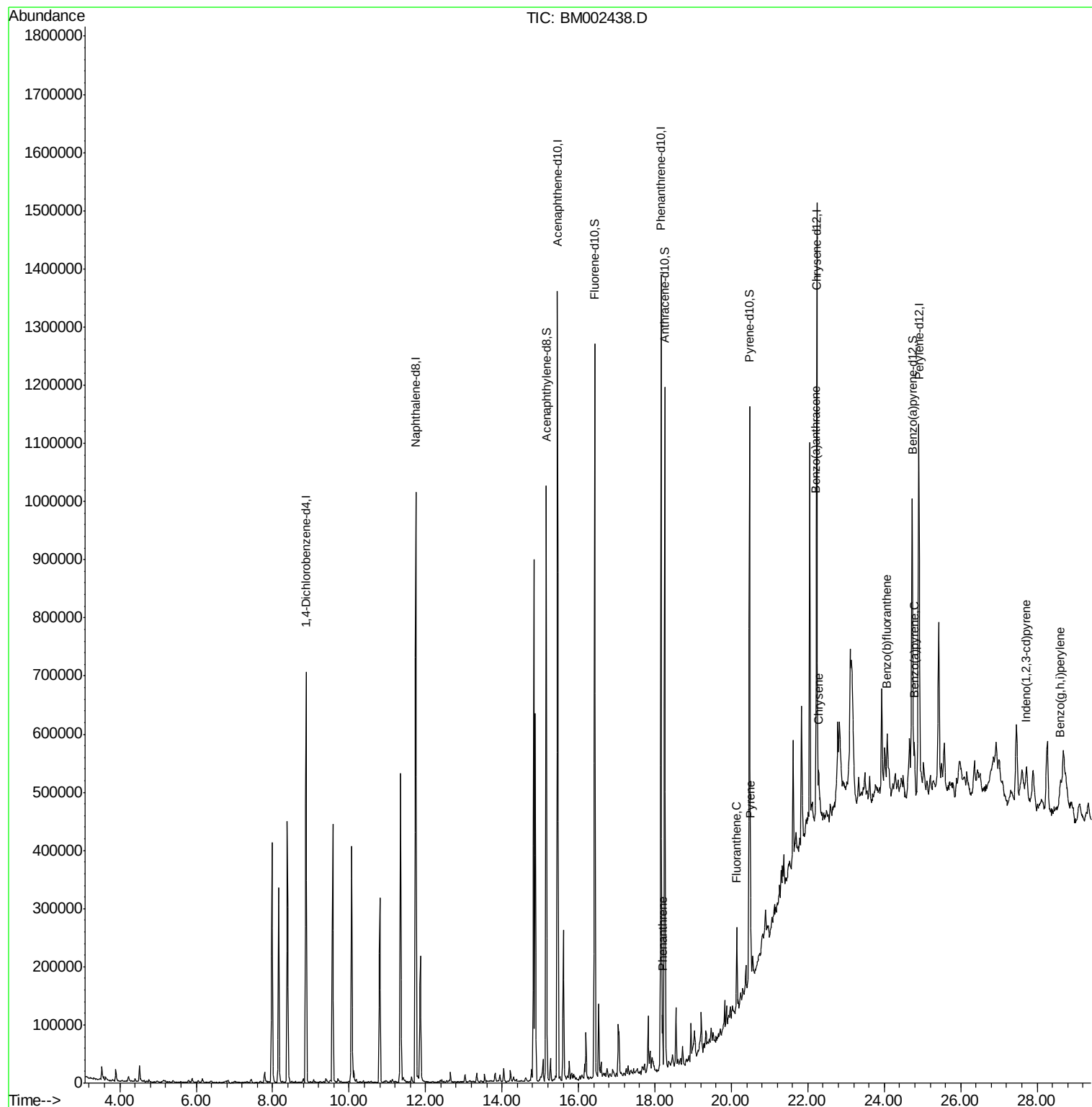
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081415\
Data File : BM002438.D
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Misc :
ALS Vial : 44 Sample Multiplier: 1

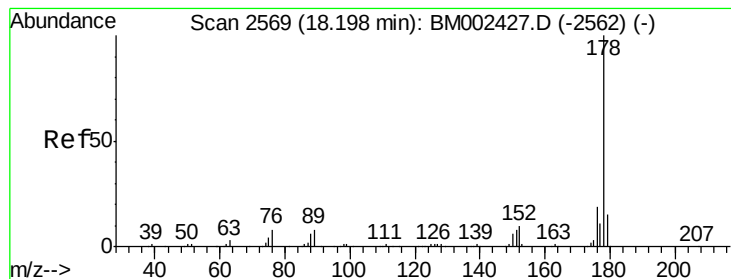
Instrument :
BNA_M
ClientSampleId :
D9DB4

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Quant Time: Aug 17 07:02:40 2015
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 17 05:12:59 2015
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.14 ng/ul

RT: 18.20 min Scan# 2569

Delta R.T. 0.00 min

Lab File: BM002438.D

Acq: 15 Aug 2015 23:16

Instrument :

BNA_M

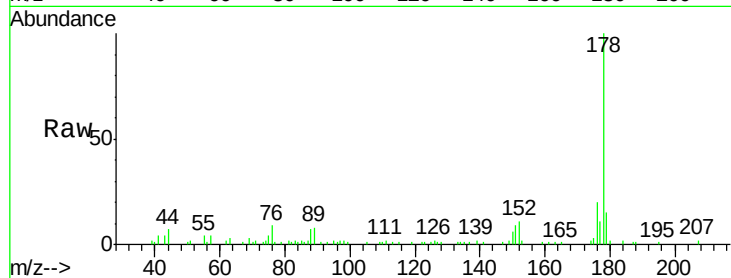
ClientSampleId :

D9DB4

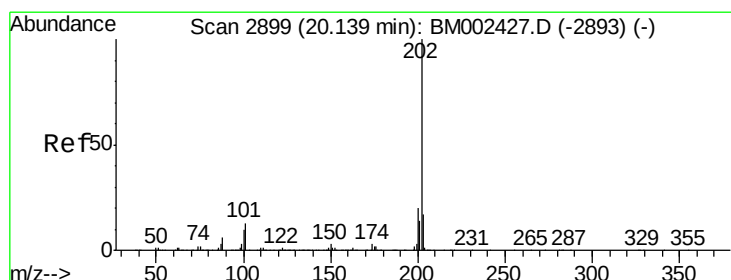
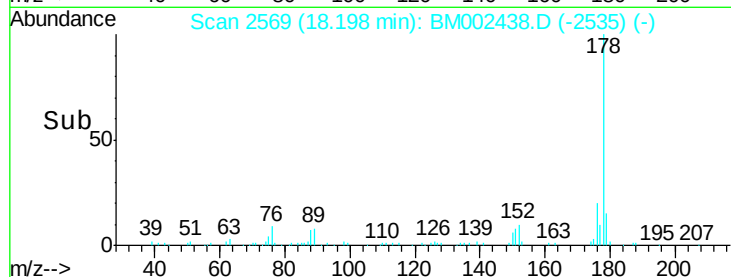
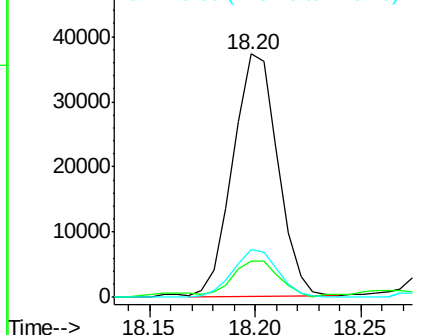
Tgt Ion:	178	Resp:	54626
Ion Ratio	Lower	Upper	
178	100		
179	15.0	12.4	18.6
176	19.6	15.1	22.7

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



#16

Fluoranthene

Concen: 1.61 ng/ul

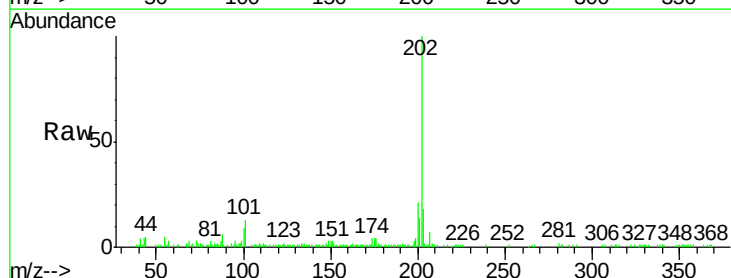
RT: 20.14 min Scan# 2900

Delta R.T. 0.01 min

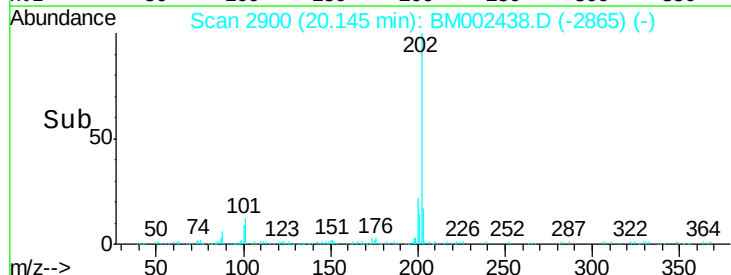
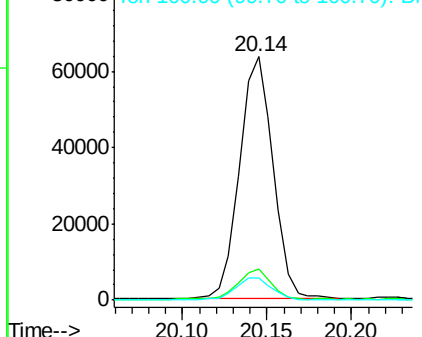
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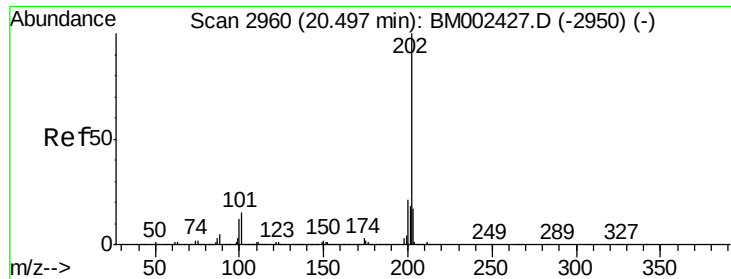
Acq: 15 Aug 2015 23:16

Tgt Ion:	202	Resp:	87127
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.7	14.5
100	9.2	7.4	11.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





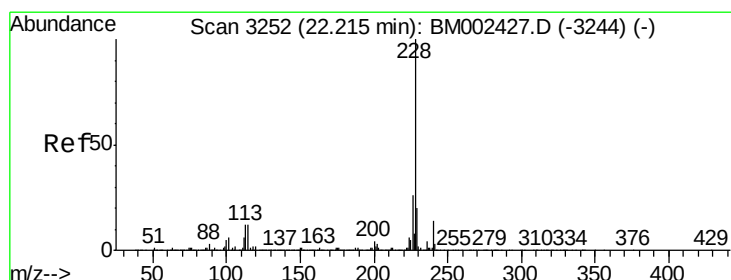
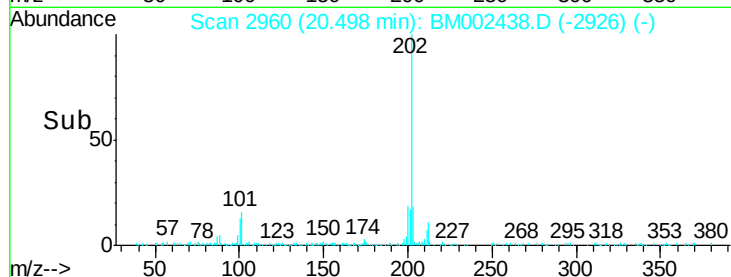
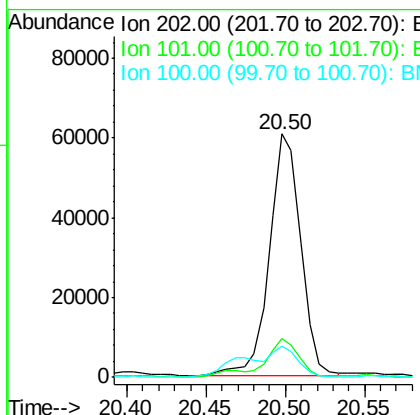
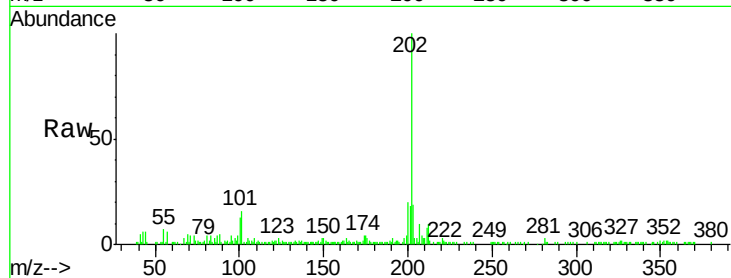
#19
 Pyrene
 Concen: 2.60 ng/ul
 RT: 20.50 min Scan# 2960
 Delta R.T. 0.00 min
 Lab File: BM002438.D
 Acq: 15 Aug 2015 23:16

Instrument :
 BNA_M
 ClientSampleId :
 D9DB4

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	83535		
101	15.9	12.0	18.0	
100	12.6	9.7	14.5	

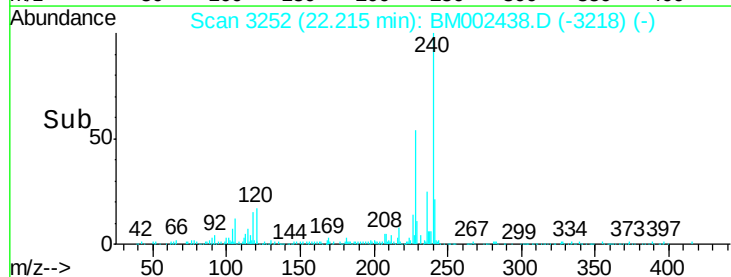
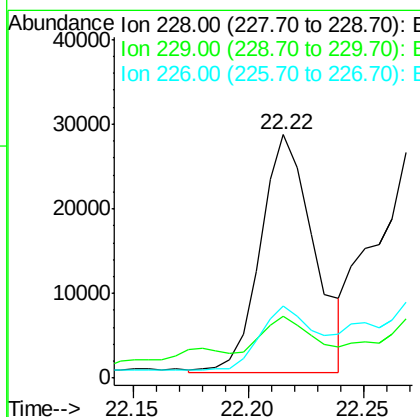
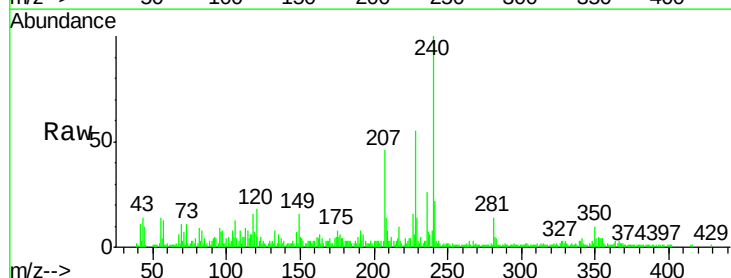
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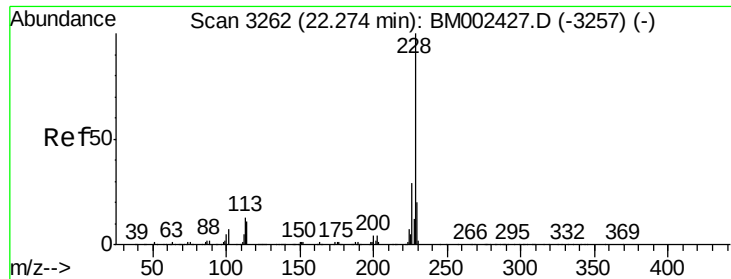
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#20
 Benzo(a)anthracene
 Concen: 1.39 ng/ul
 RT: 22.22 min Scan# 3252
 Delta R.T. 0.00 min
 Lab File: BM002438.D
 Acq: 15 Aug 2015 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	45490		
229	25.4	15.8	23.6#	
226	29.7	21.1	31.7	





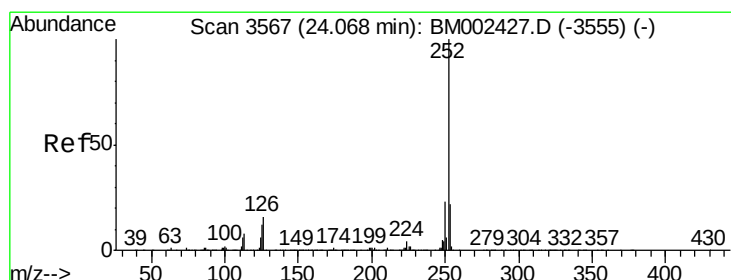
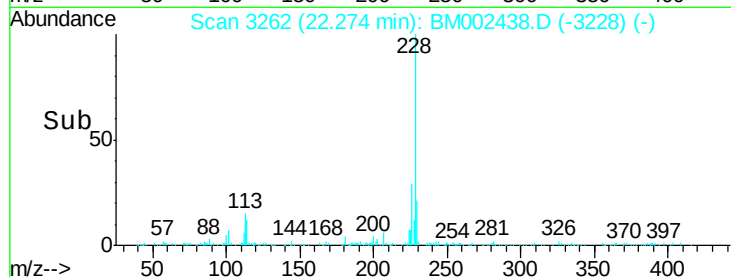
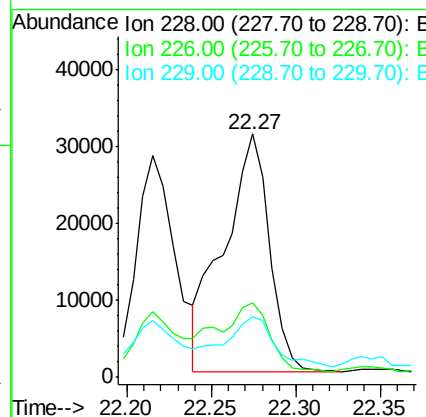
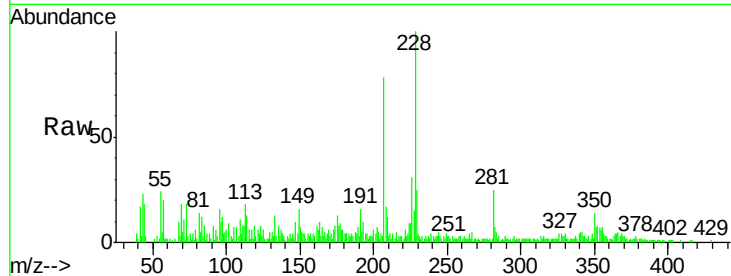
#21
Chrysene
Concen: 1.88 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002438.D
Acq: 15 Aug 2015 23:16

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	25.0	15.7	23.5#

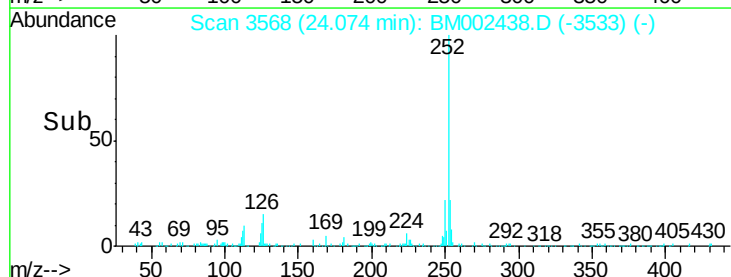
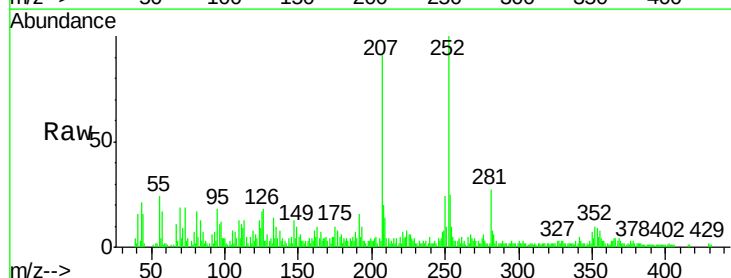
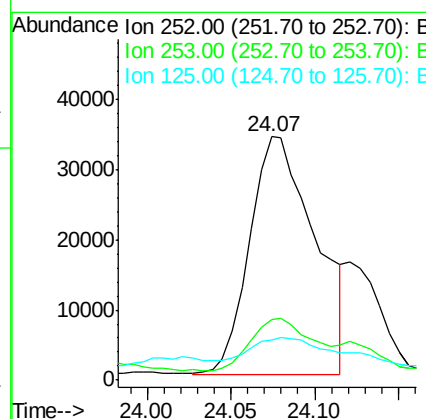
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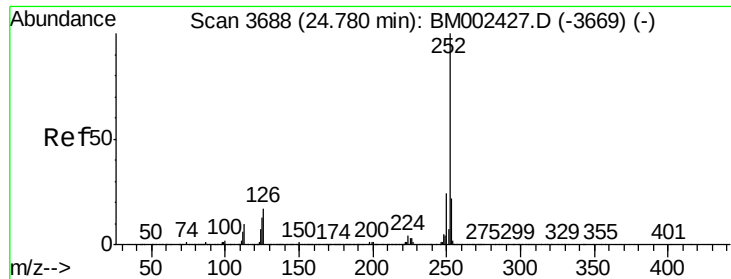
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#23
Benzo(b)fluoranthene
Concen: 2.87 ng/ul m
RT: 24.07 min Scan# 3568
Delta R.T. 0.01 min
Lab File: BM002438.D
Acq: 15 Aug 2015 23:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.0
125	16.6	10.0	15.0#





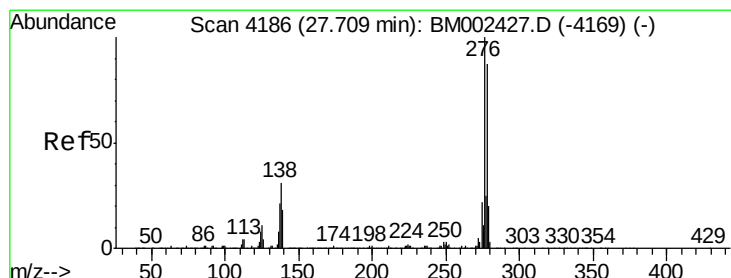
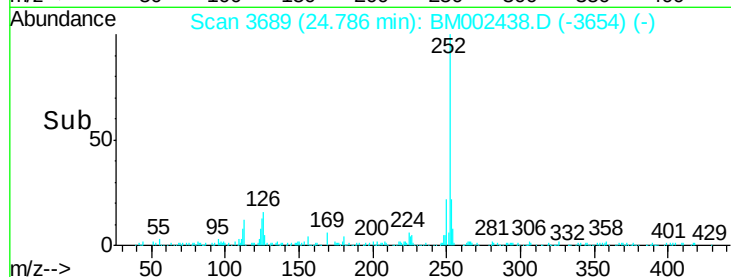
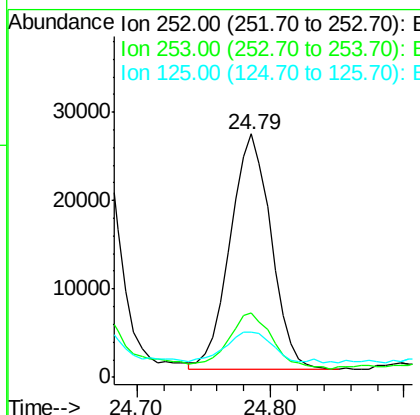
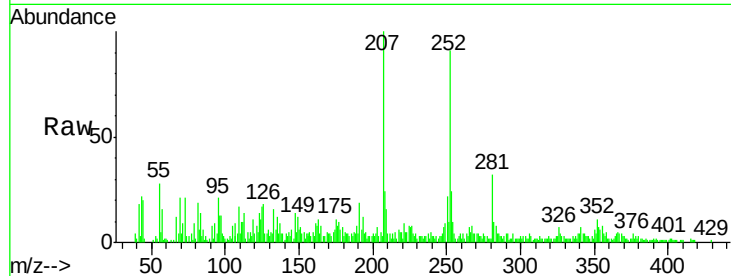
#26
Benzo(a)pyrene
Concen: 1.83 ng/ul
RT: 24.79 min Scan# 3689
Delta R.T. 0.01 min
Lab File: BM002438.D
Acq: 15 Aug 2015 23:16

Instrument :
BNA_M
ClientSampleId :
D9DB4

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	56826		
253	26.6	17.6	26.4#	
125	18.7	10.7	16.1#	

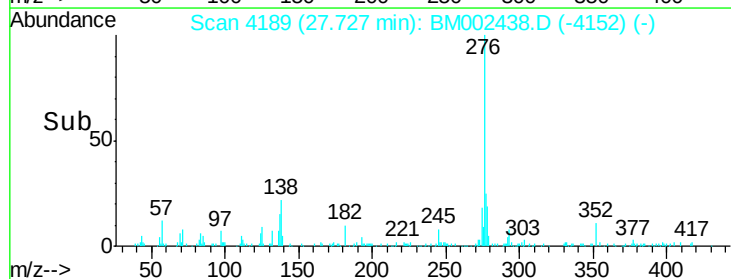
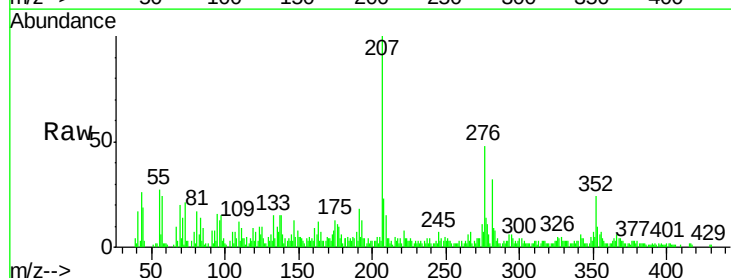
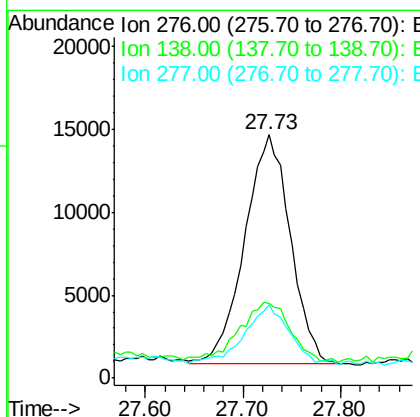
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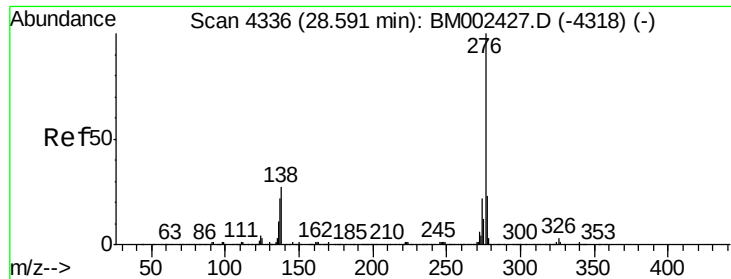
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.27 ng/ul
RT: 27.73 min Scan# 4189
Delta R.T. 0.02 min
Lab File: BM002438.D
Acq: 15 Aug 2015 23:16

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	45452		
138	30.5	25.3	37.9	
277	29.9	20.2	30.2	





#29

Benzo(g,h,i)perylene

Concen: 2.30 ng/ul

RT: 28.61 min Scan# 4339

Delta R.T. 0.02 min

Lab File: BM002438.D

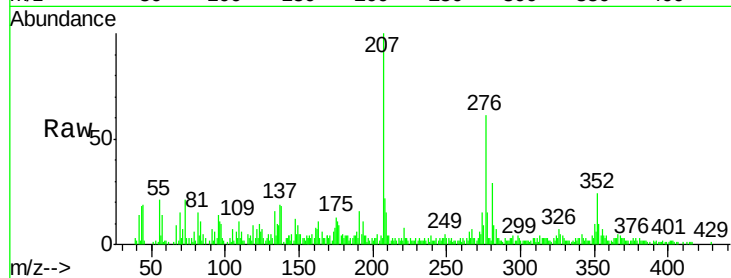
Acq: 15 Aug 2015 23:16

Instrument :

BNA_M

ClientSampleId :

D9DB4



Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.6	21.0	31.6
277	24.5	19.2	28.8

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