

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002344.D
 Acq On : 12 Aug 2015 04:20
 Operator : UM/IZ
 Sample : G3162-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C76

Manual Integrations
 APPROVED

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 8/12/2015 2:35:50 PM

Quant Time: Aug 12 05:11:45 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 04:50:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	205768	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	977444	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	514764	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1033143	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	783913	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	655129	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.19	160	891682	16.72	ng/ul	0.00
10) Fluorene-d10	16.45	176	607859	16.39	ng/ul	0.00
14) Anthracene-d10	18.29	188	833630	16.63	ng/ul	0.00
18) Pyrene-d10	20.50	212	769129	20.23	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	520751	14.97	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	18.23	178	145141	2.44	ng/ul	100
16) Fluoranthene	20.17	202	312817	4.75	ng/ul	99
19) Pyrene	20.53	202	286873	5.66	ng/ul	98
20) Benzo(a)anthracene	22.26	228	197683	4.13	ng/ul	98
21) Chrysene	22.32	228	236663	5.22	ng/ul	96
23) Benzo(b)fluoranthene	24.14	252	415154	10.20	ng/ul	98
24) Benzo(k)fluoranthene	24.19	252	117958m	3.02	ng/ul	
26) Benzo(a)pyrene	24.85	252	223130	5.73	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.80	276	227393	5.09	ng/ul	94
28) Dibenzo(a,h)anthracene	27.81	278	63884	1.69	ng/ul#	84
29) Benzo(g,h,i)perylene	28.69	276	218842	5.81	ng/ul	96

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

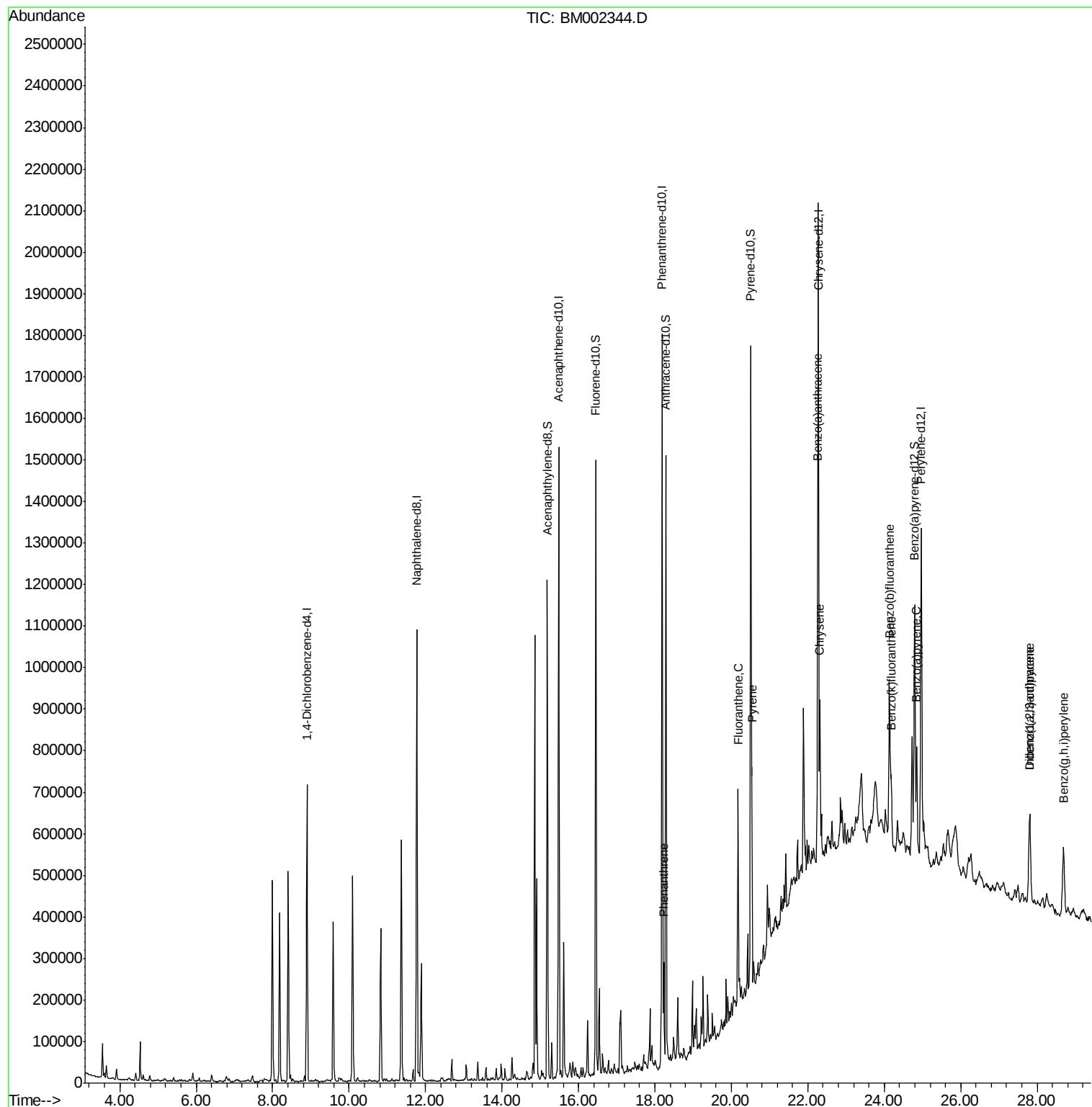
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
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ALS Vial : 20 Sample Multiplier: 1

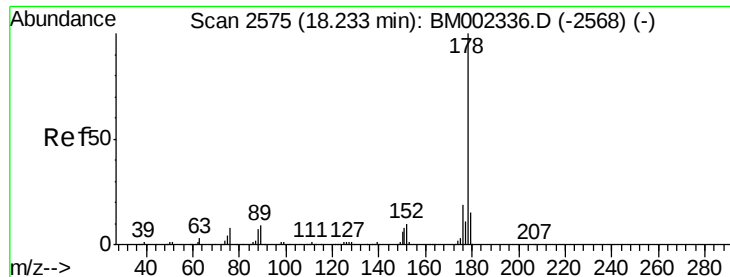
Instrument :
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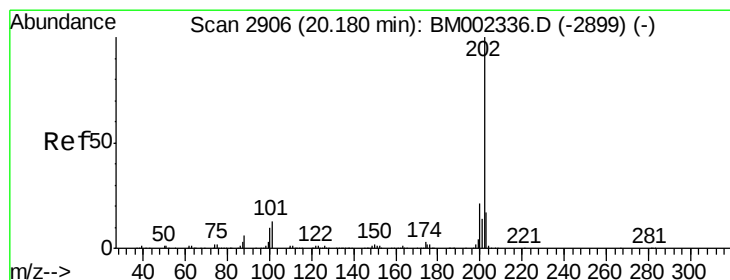
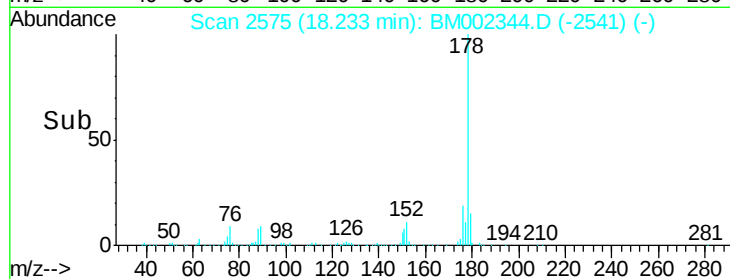
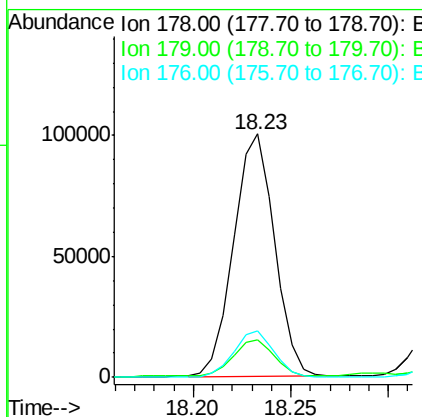
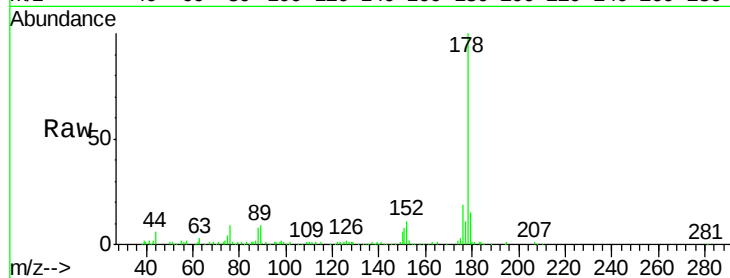
#13
Phenanthrene
Concen: 2.44 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM002344.D
Acq: 12 Aug 2015 04:20

Instrument :
BNA_M
ClientSampleId :
D9C76

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.0	15.3	22.9

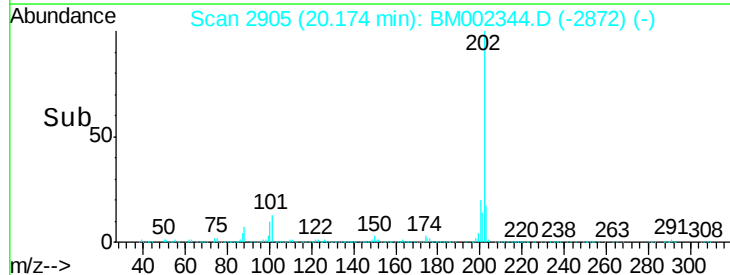
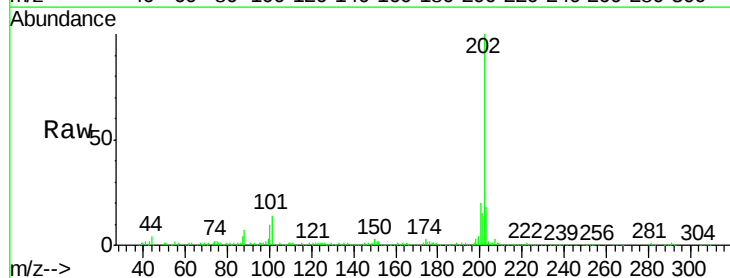
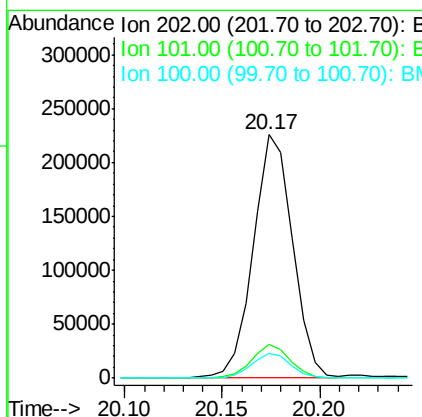
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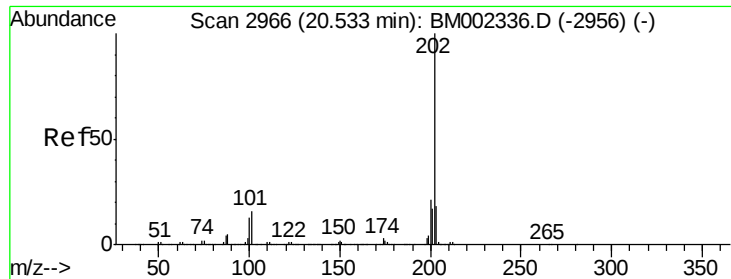
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#16
Fluoranthene
Concen: 4.75 ng/ul
RT: 20.17 min Scan# 2905
Delta R.T. -0.01 min
Lab File: BM002344.D
Acq: 12 Aug 2015 04:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	15.8
100	10.2	8.2	12.4





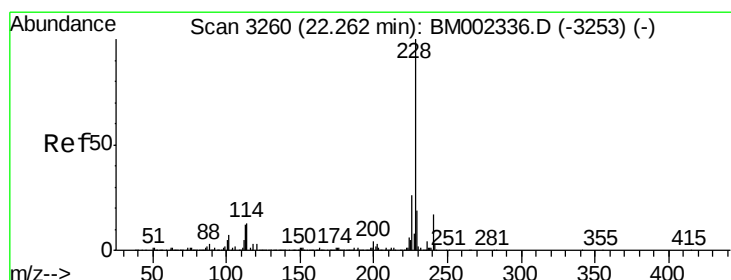
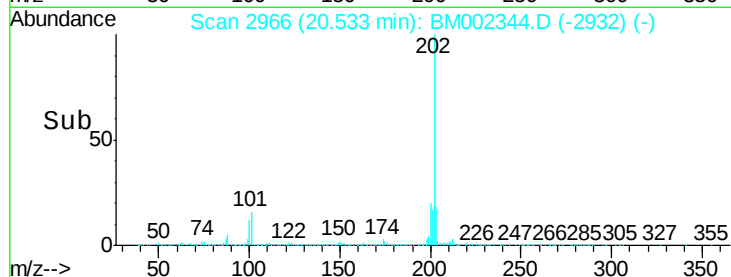
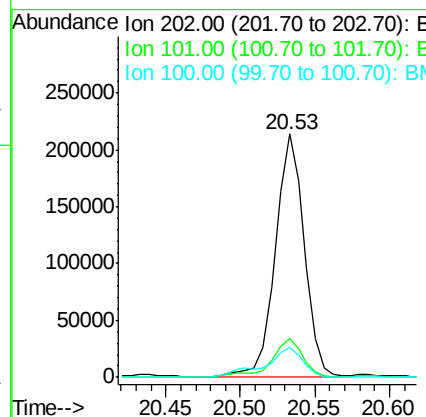
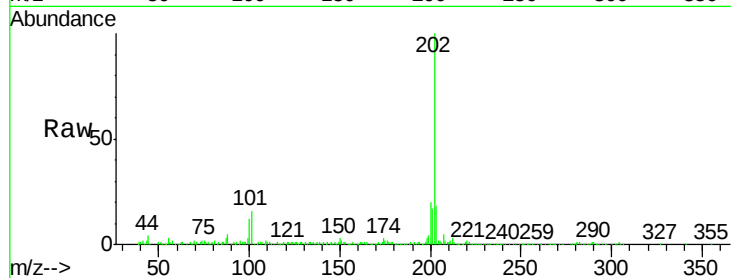
#19
Pvrene
Concen: 5.66 ng/ul
RT: 20.53 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM002344.D
Acq: 12 Aug 2015 04:20

Instrument :
BNA_M
ClientSampleId :
D9C76

Tot Ion	Ratio	Resp	Lower	Upper
202	100	286873		
101	15.8		13.0	19.6
100	12.3		11.0	16.4

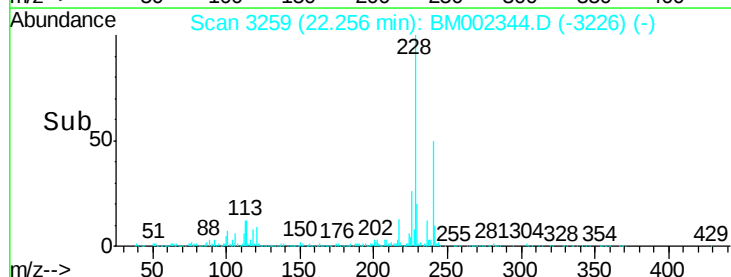
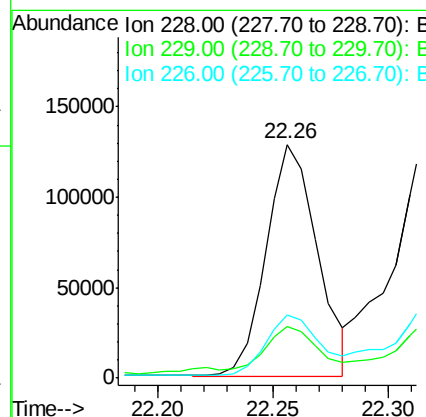
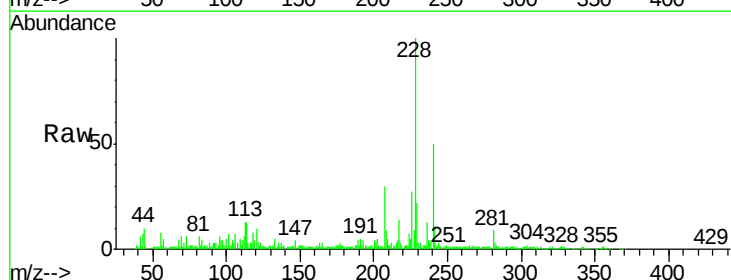
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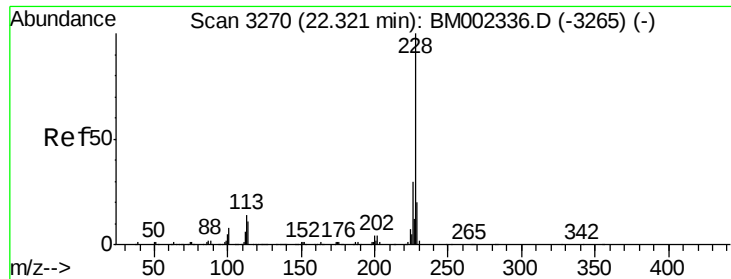
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#20
Benzo(a)anthracene
Concen: 4.13 ng/ul
RT: 22.26 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BM002344.D
Acq: 12 Aug 2015 04:20

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	197683		
229	21.8		15.7	23.5
226	26.8		21.4	32.0





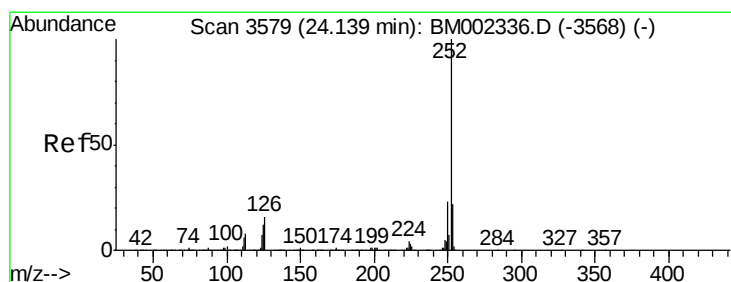
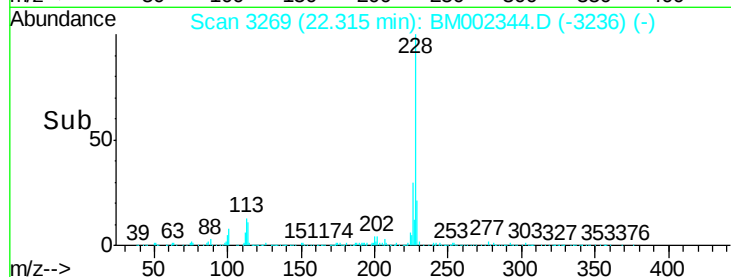
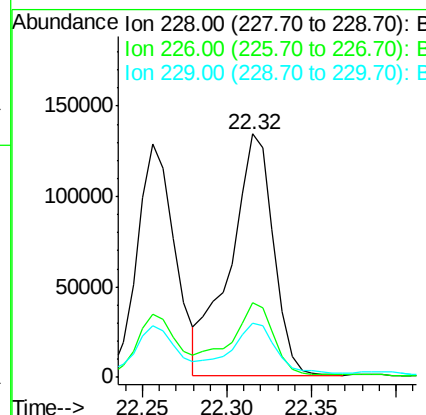
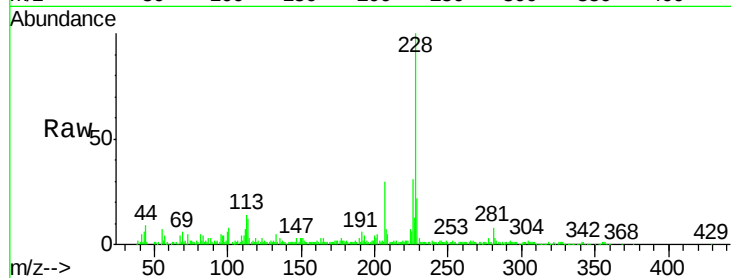
#21
Chrysene
Concen: 5.22 ng/ul
RT: 22.32 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BM002344.D
Acq: 12 Aug 2015 04:20

Instrument :
BNA_M
ClientSampleId :
D9C76

Tot Ion	Ratio	Resp	Lower	Upper
228	100	236663		
226	30.7		23.4	35.0
229	22.4		15.5	23.3

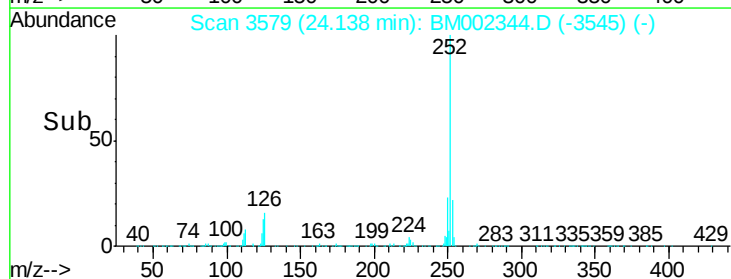
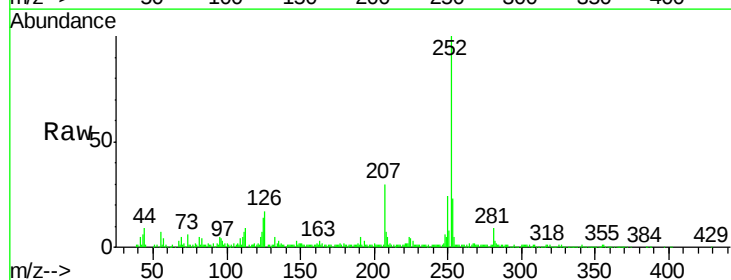
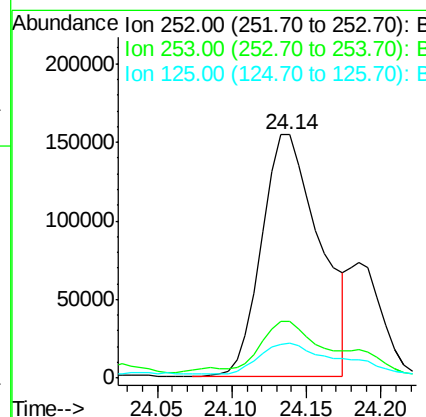
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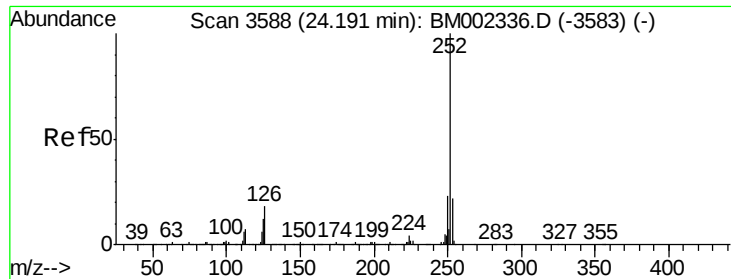
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#23
Benzo(b)fluoranthene
Concen: 10.20 ng/ul
RT: 24.14 min Scan# 3579
Delta R.T. -0.00 min
Lab File: BM002344.D
Acq: 12 Aug 2015 04:20

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	415154		
253	23.1		17.9	26.9
125	14.4		10.3	15.5





#24

Benzo(k)fluoranthene

Concen: 3.02 ng/ul m

RT: 24.19 min Scan# 3587

Delta R.T. -0.01 min

Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

Instrument :

BNA_M

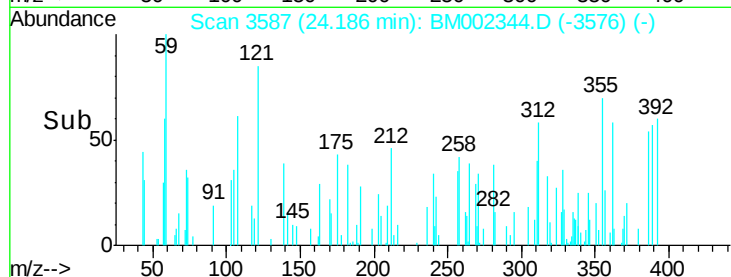
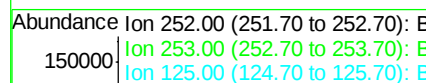
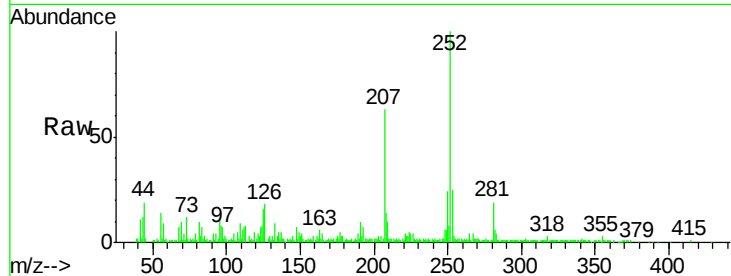
ClientSampled :

D9C76

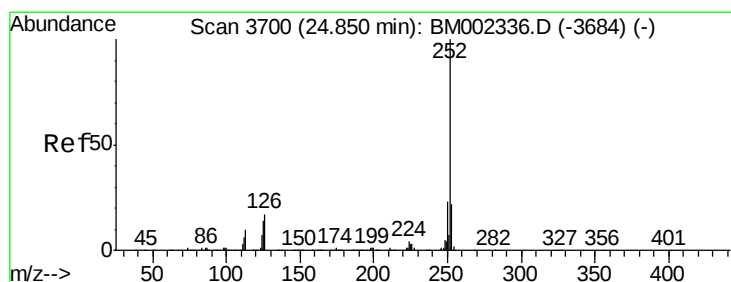
Tot Ion:	252	Resp:	117958
Ion Ratio	Lower	Upper	
252	100		
253	24.8	17.3	25.9
125	15.9	10.2	15.4#

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Time-->



#26

Benzo(a)pyrene

Concen: 5.73 ng/ul

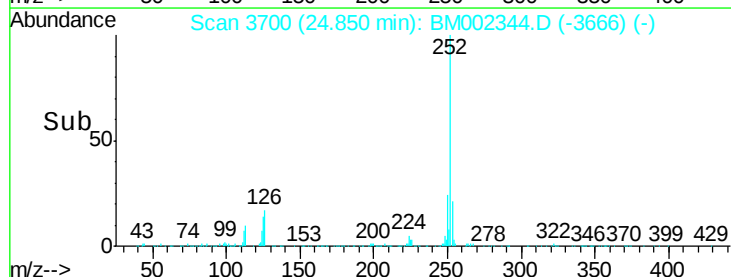
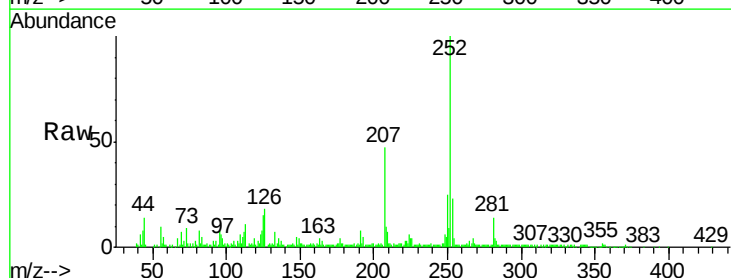
RT: 24.85 min Scan# 3700

Delta R.T. -0.00 min

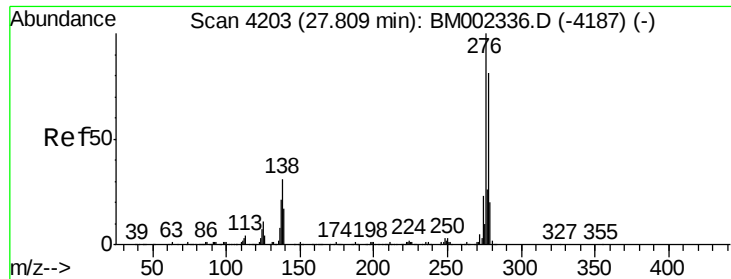
Lab File: BM002344.D

Acq: 12 Aug 2015 04:20

Tgt Ion:	252	Resp:	223130
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.3	25.9
125	15.5	11.0	16.6



Time-->



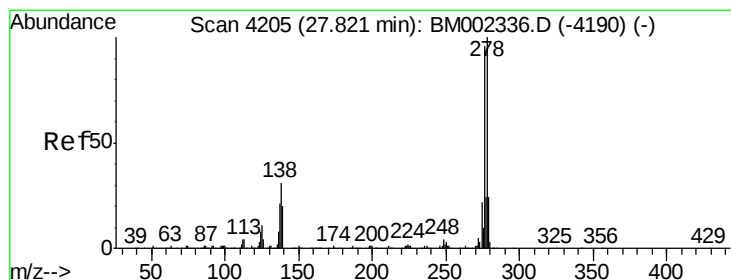
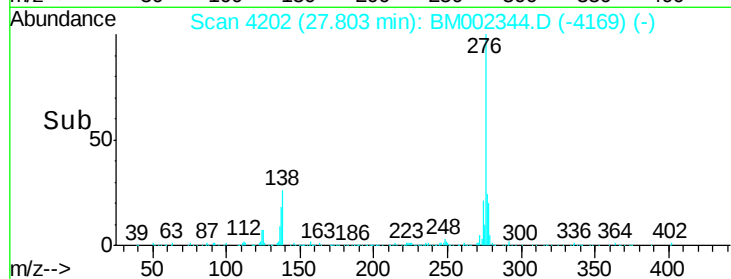
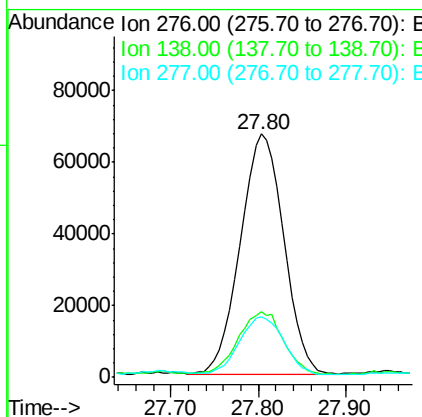
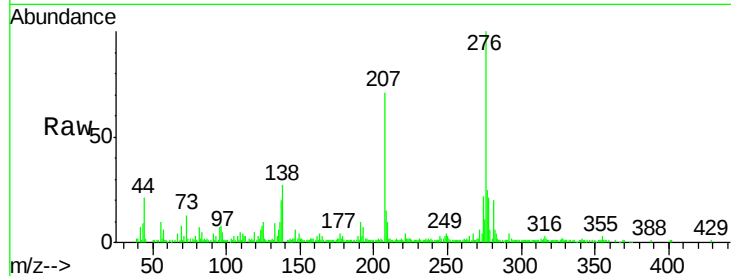
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 5.09 ng/ul
 RT: 27.80 min Scan# 4202
 Delta R.T. -0.01 min
 Lab File: BM002344.D
 Acq: 12 Aug 2015 04:20

Instrument :
 BNA_M
 ClientSampleId :
 D9C76

Tot Ion:	276	Resp:	227393
Ion Ratio	Lower	Upper	
276	100		
138	26.9	25.6	38.4
277	24.8	21.0	31.4

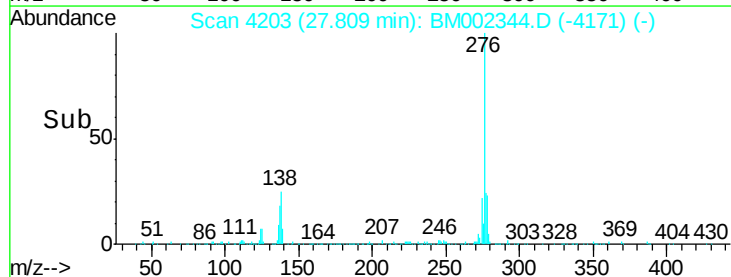
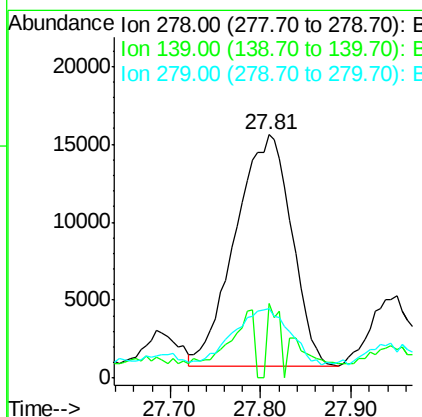
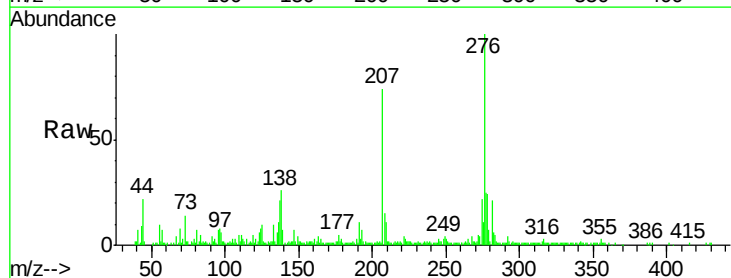
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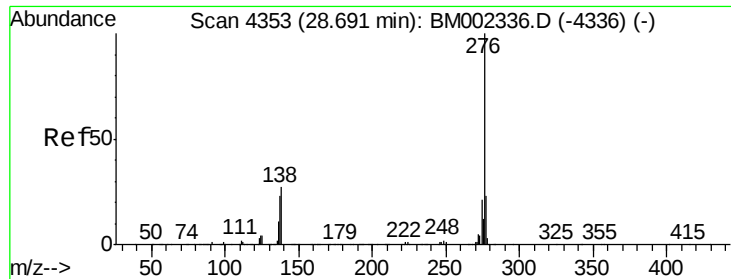
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.69 ng/ul
 RT: 27.81 min Scan# 4203
 Delta R.T. -0.01 min
 Lab File: BM002344.D
 Acq: 12 Aug 2015 04:20

Tgt Ion:	278	Resp:	63884
Ion Ratio	Lower	Upper	
278	100		
139	30.7	16.4	24.6#
279	28.5	18.8	28.2#





#29

Benzo(a,h,i)perylene

Concen: 5.81 ng/ul

RT: 28.69 min Scan# 4353

Delta R.T. -0.00 min

Lab File: BM002344.D

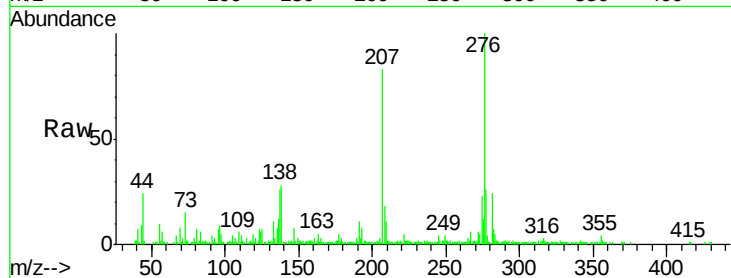
Acq: 12 Aug 2015 04:20

Instrument :

BNA_M

ClientSampleId :

D9C76



Tot Ion	Ratio	Resp	Lower	Upper
276	100	218842		
138	28.3		20.5	30.7
277	25.5		19.0	28.6

Manual Integrations
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