

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081215\
 Data File : BM002340.D
 Acq On : 12 Aug 2015 01:55
 Operator : UM/IZ
 Sample : G3162-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C70

Manual Integrations
 APPROVED

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 8/12/2015 2:35:34 PM

Quant Time: Aug 12 05:02:23 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	223916	20.00	ng/ul	0.00
2) Naphthalene-d8	11.77	136	1045118	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.48	164	546553	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.19	188	1100250	20.00	ng/ul	0.00
17) Chrysene-d12	22.27	240	872284	20.00	ng/ul	0.00
22) Perylene-d12	24.97	264	680424	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.19	160	1195365	21.11	ng/ul	0.00
10) Fluorene-d10	16.45	176	788748	20.03	ng/ul	0.00
14) Anthracene-d10	18.29	188	1110991	20.81	ng/ul	0.00
18) Pyrene-d10	20.50	212	1053459	24.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.79	264	668511	18.50	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	18.23	178	133383	2.11	ng/ul	99
16) Fluoranthene	20.17	202	223329	3.19	ng/ul	99
19) Pyrene	20.53	202	173062	3.07	ng/ul	97
20) Benzo(a)anthracene	22.26	228	76476	1.44	ng/ul	97
21) Chrysene	22.32	228	95923m	1.90	ng/ul	
23) Benzo(b)fluoranthene	24.13	252	135309	3.20	ng/ul#	96
24) Benzo(k)fluoranthene	24.18	252	45770m	1.13	ng/ul	
26) Benzo(a)pyrene	24.84	252	76985	1.90	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	27.80	276	76656	1.65	ng/ul	96
29) Benzo(g,h,i)perylene	28.69	276	81584	2.08	ng/ul	97

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

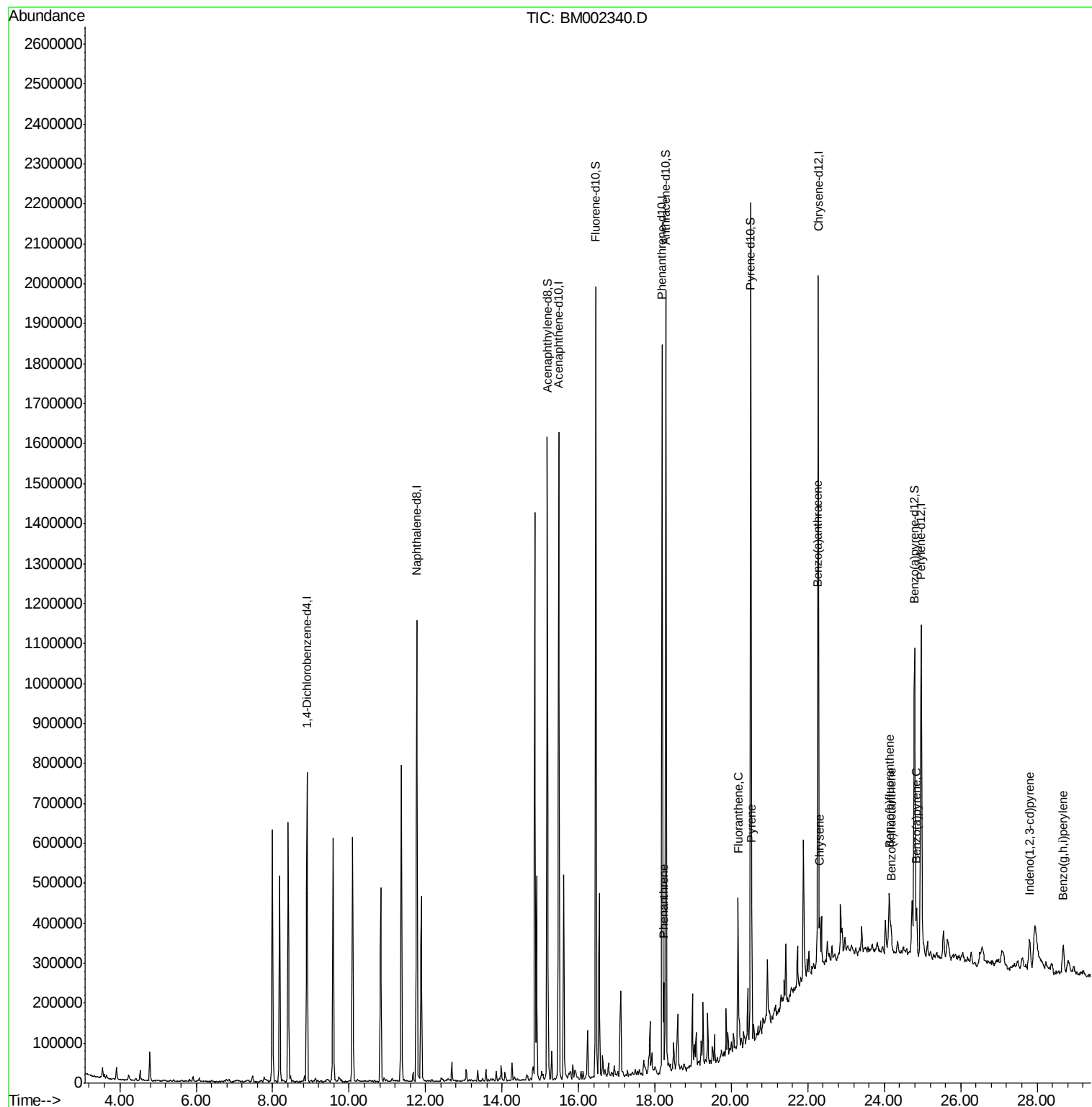
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Data File : BM002340.D
Acq On : 12 Aug 2015 01:55
Operator : UM/IZ
Sample : G3162-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

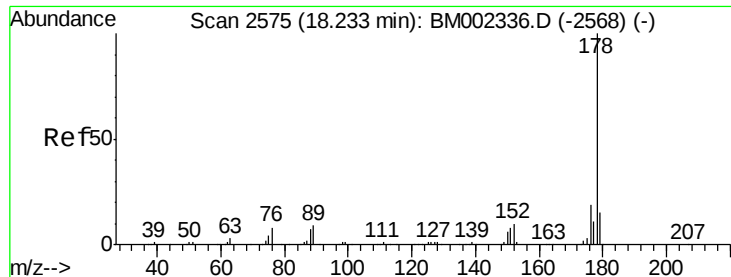
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Quant Time: Aug 12 05:02:23 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080715MA.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





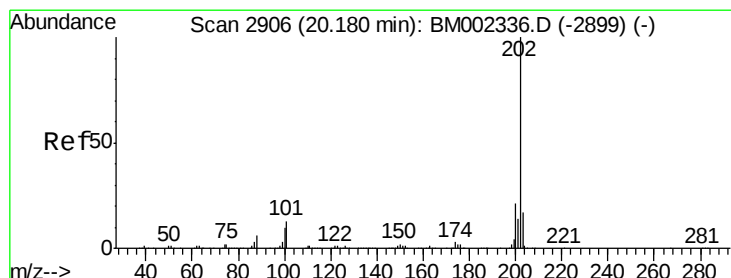
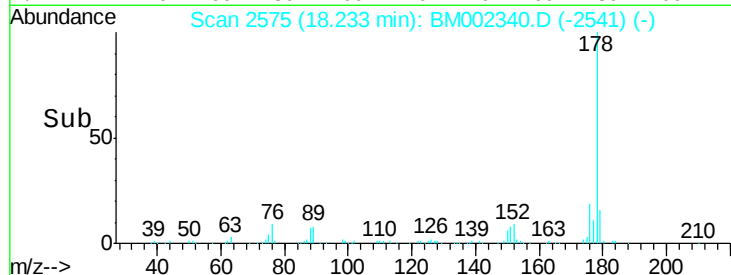
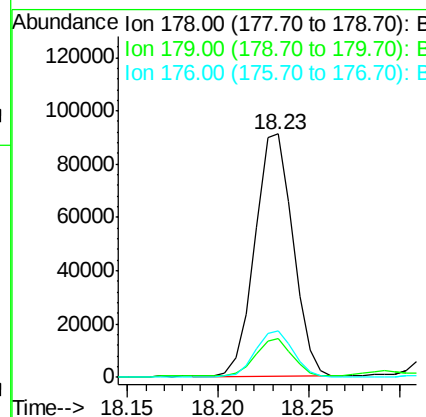
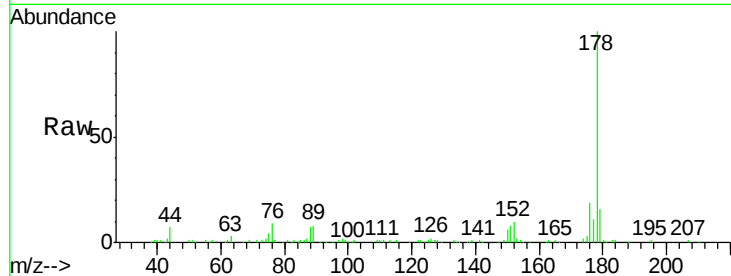
#13
Phenanthrene
Concen: 2.11 ng/ul
RT: 18.23 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Instrument :
BNA_M
ClientSampleId :
D9C70

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.0	15.3	22.9

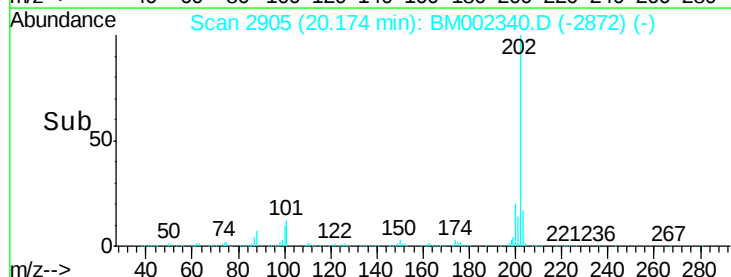
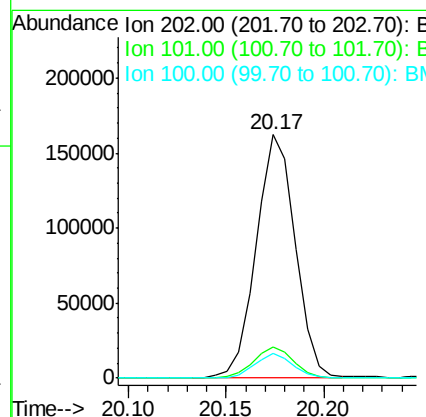
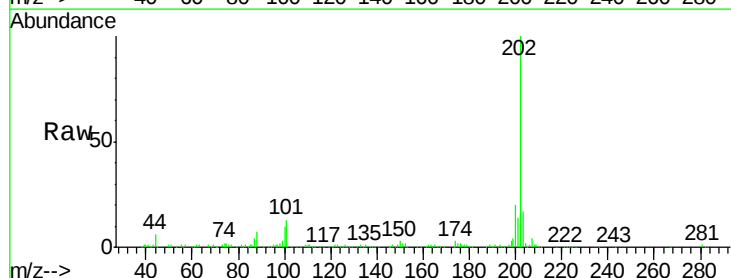
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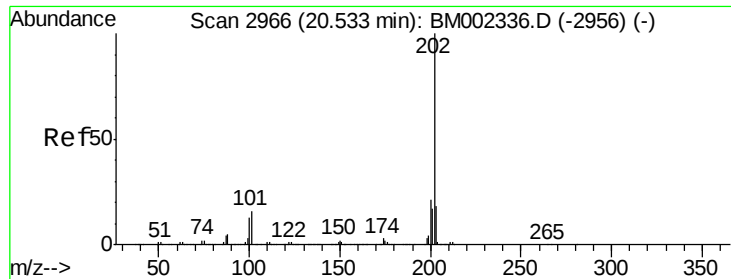
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#16
Fluoranthene
Concen: 3.19 ng/ul
RT: 20.17 min Scan# 2905
Delta R.T. -0.01 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.6	10.6	15.8
100	10.3	8.2	12.4





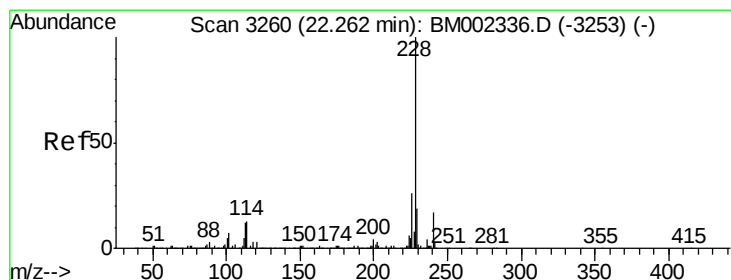
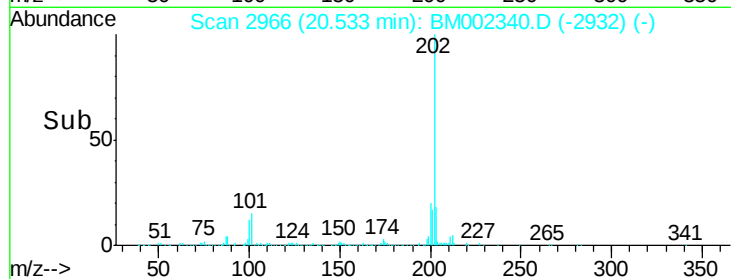
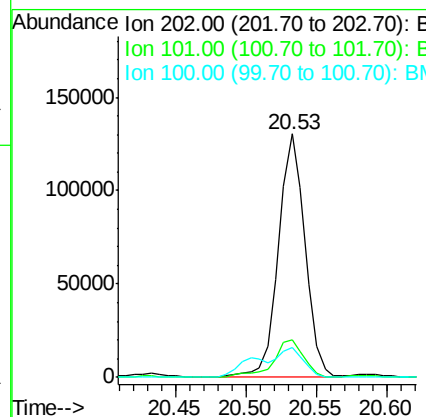
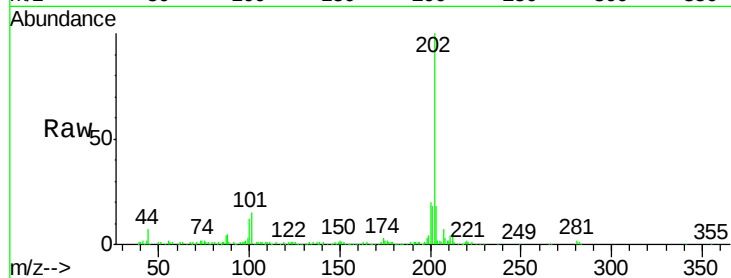
#19
Pvrene
Concen: 3.07 ng/ul
RT: 20.53 min Scan# 2966
Delta R.T. -0.00 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Instrument :
BNA_M
ClientSampleId :
D9C70

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	15.2	13.0	19.6
100	12.3	11.0	16.4

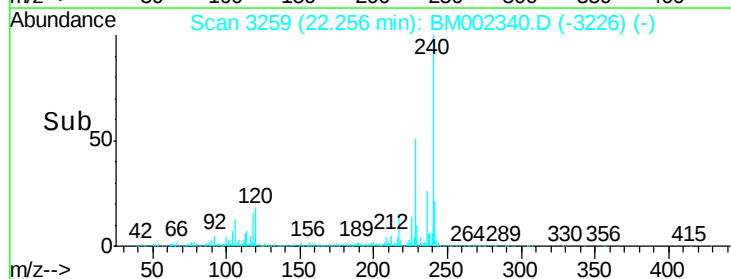
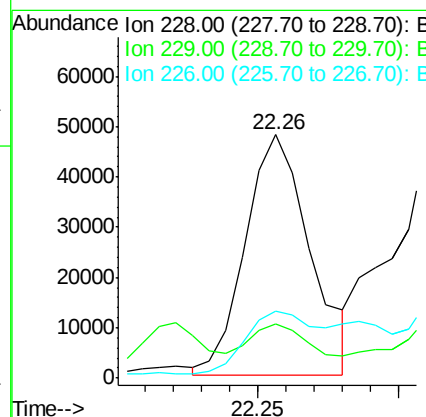
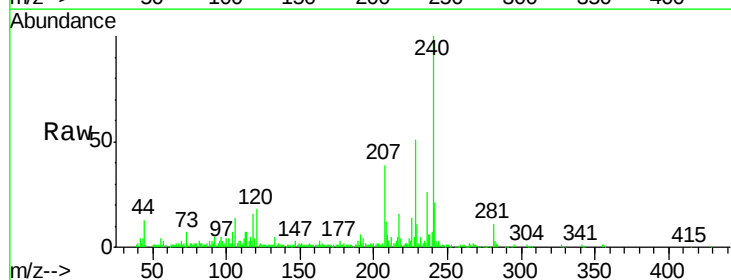
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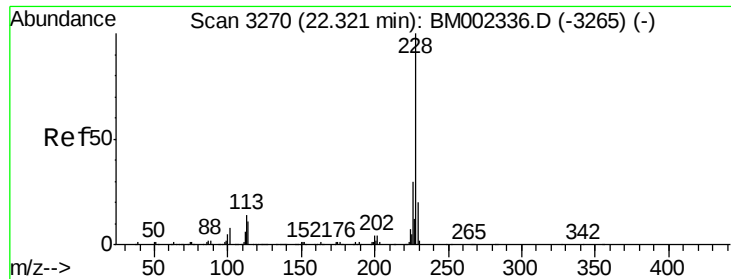
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#20
Benzo(a)anthracene
Concen: 1.44 ng/ul
RT: 22.26 min Scan# 3259
Delta R.T. -0.01 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.2	15.7	23.5
226	27.5	21.4	32.0





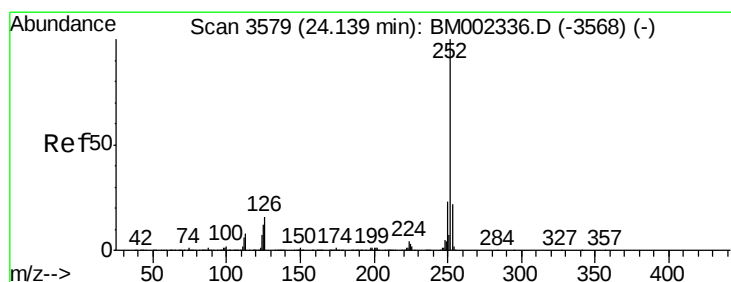
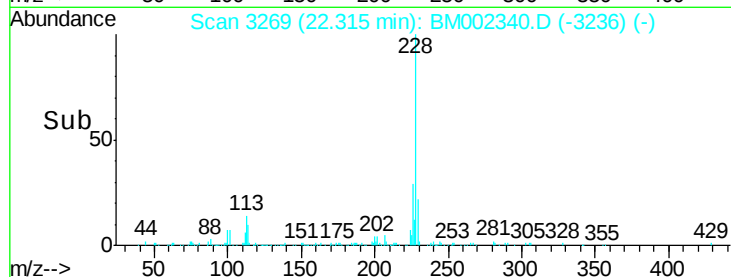
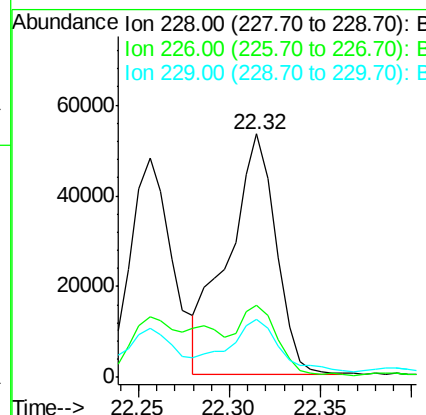
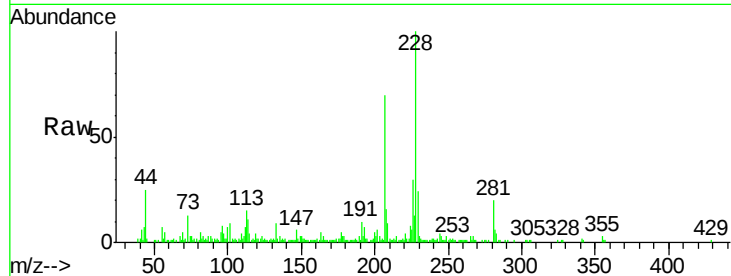
#21
Chrysene
Concen: 1.90 ng/ul m
RT: 22.32 min Scan# 3269
Delta R.T. -0.01 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Instrument :
BNA_M
ClientSampleId :
D9C70

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	24.0	15.5	23.3

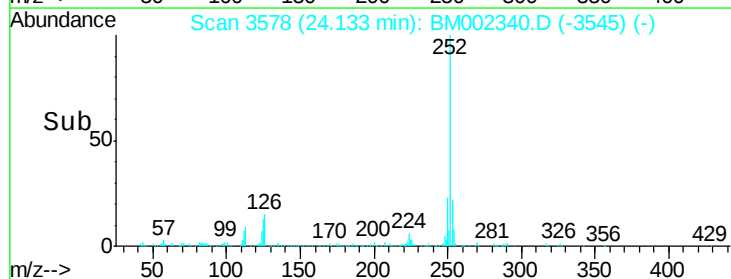
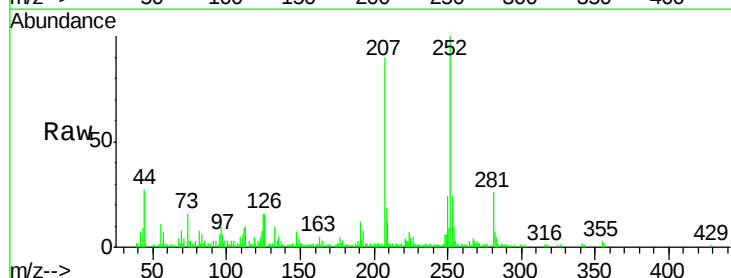
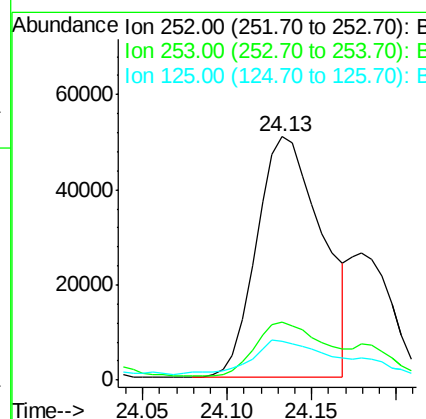
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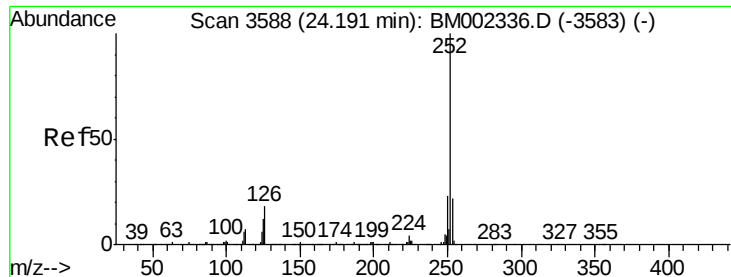
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#23
Benzo(b)fluoranthene
Concen: 3.20 ng/ul
RT: 24.13 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	15.8	10.3	15.5





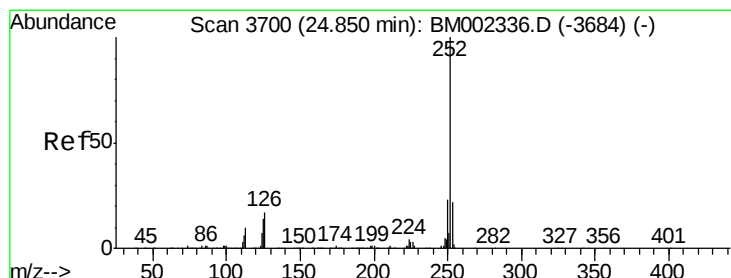
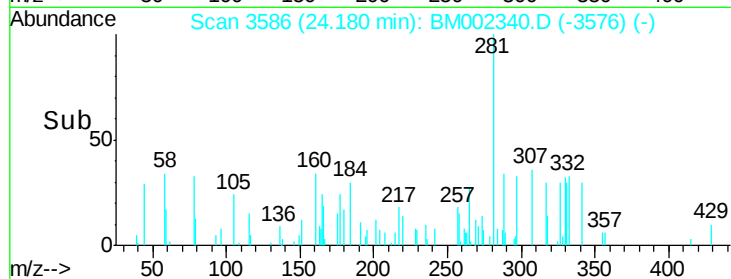
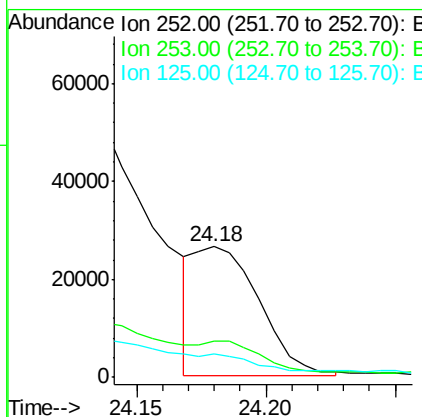
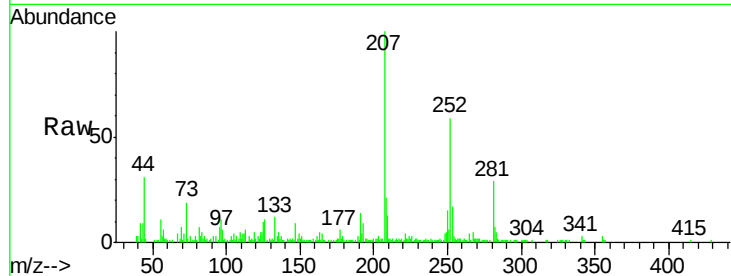
#24
Benzo(k)fluoranthene
Concen: 1.13 ng/ul m
RT: 24.18 min Scan# 3586
Delta R.T. -0.01 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Instrument :
BNA_M
ClientSampleId :
D9C70

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.2	17.3	25.9#
125	17.5	10.2	15.4#

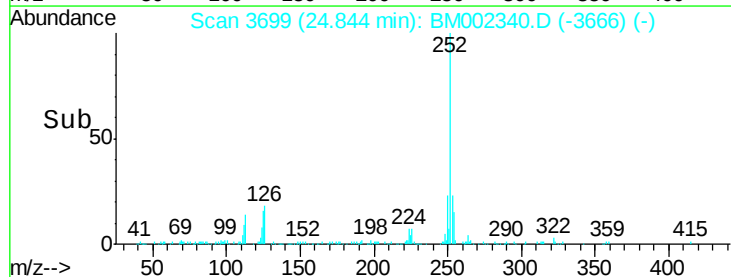
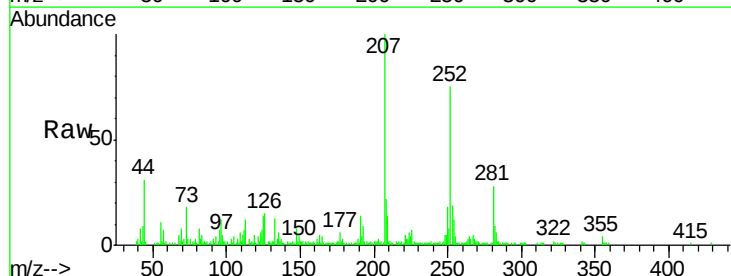
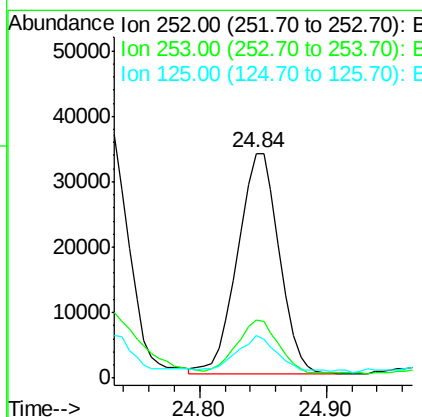
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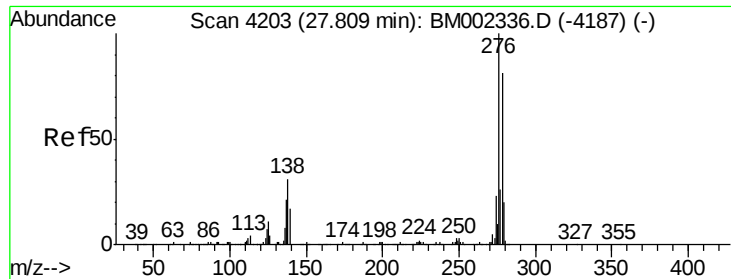
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#26
Benzo(a)pyrene
Concen: 1.90 ng/ul
RT: 24.84 min Scan# 3699
Delta R.T. -0.01 min
Lab File: BM002340.D
Acq: 12 Aug 2015 01:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.3	25.9
125	18.9	11.0	16.6#





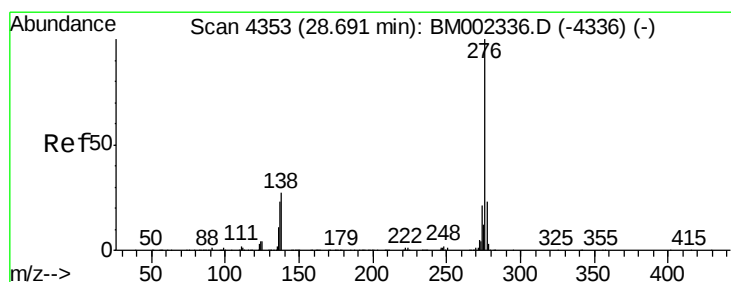
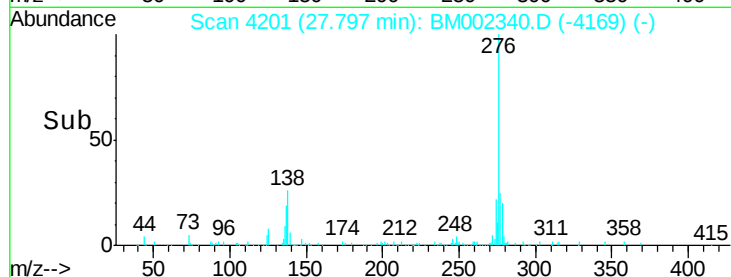
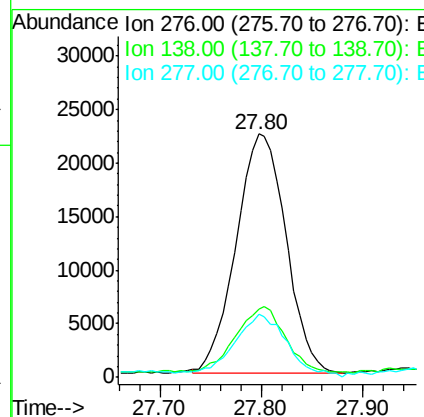
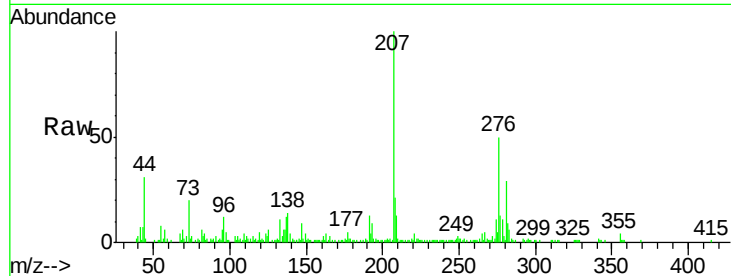
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 Indeno(1,2,3-cd)pyrene
 Concen: 1.65 ng/ul
 RT: 27.80 min Scan# 4201
 Delta R.T. -0.01 min
 Lab File: BM002340.D
 Acq: 12 Aug 2015 01:55

Instrument :
 BNA_M
 ClientSampleId :
 D9C70

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.6	38.4
277	26.0	21.0	31.4

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 2.08 ng/ul
 RT: 28.69 min Scan# 4352
 Delta R.T. -0.01 min
 Lab File: BM002340.D
 Acq: 12 Aug 2015 01:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	20.5	30.7
277	23.7	19.0	28.6

