

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002279.D
 Acq On : 08 Aug 2015 16:25
 Operator : TP/UM
 Sample : G3161-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C60

Manual Integrations
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 8/10/2015 7:14:50 PM

Quant Time: Aug 09 06:12:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Aug 09 05:31:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	235885	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1177214	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	630422	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1264025	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1152675	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	938929	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	15.20	160	889493	13.62	ng/ul	0.00
10) Fluorene-d10	16.47	176	575666	12.67	ng/ul	0.00
14) Anthracene-d10	18.30	188	789525	12.87	ng/ul	0.00
18) Pyrene-d10	20.52	212	761473	13.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.81	264	533406	10.70	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	18.25	178	197284	2.71	ng/ul	100
16) Fluoranthene	20.19	202	395077	4.90	ng/ul	98
19) Pyrene	20.55	202	346945	4.66	ng/ul	98
20) Benzo(a)anthracene	22.27	228	177809	2.53	ng/ul	98
21) Chrysene	22.33	228	192471	2.89	ng/ul	96
23) Benzo(b)fluoranthene	24.16	252	241370	4.14	ng/ul	98
24) Benzo(k)fluoranthene	24.20	252	85661m	1.53	ng/ul	
26) Benzo(a)pyrene	24.87	252	152546	2.73	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	27.83	276	110089	1.72	ng/ul	94
29) Benzo(g,h,i)perylene	28.72	276	101617	1.88	ng/ul	96

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

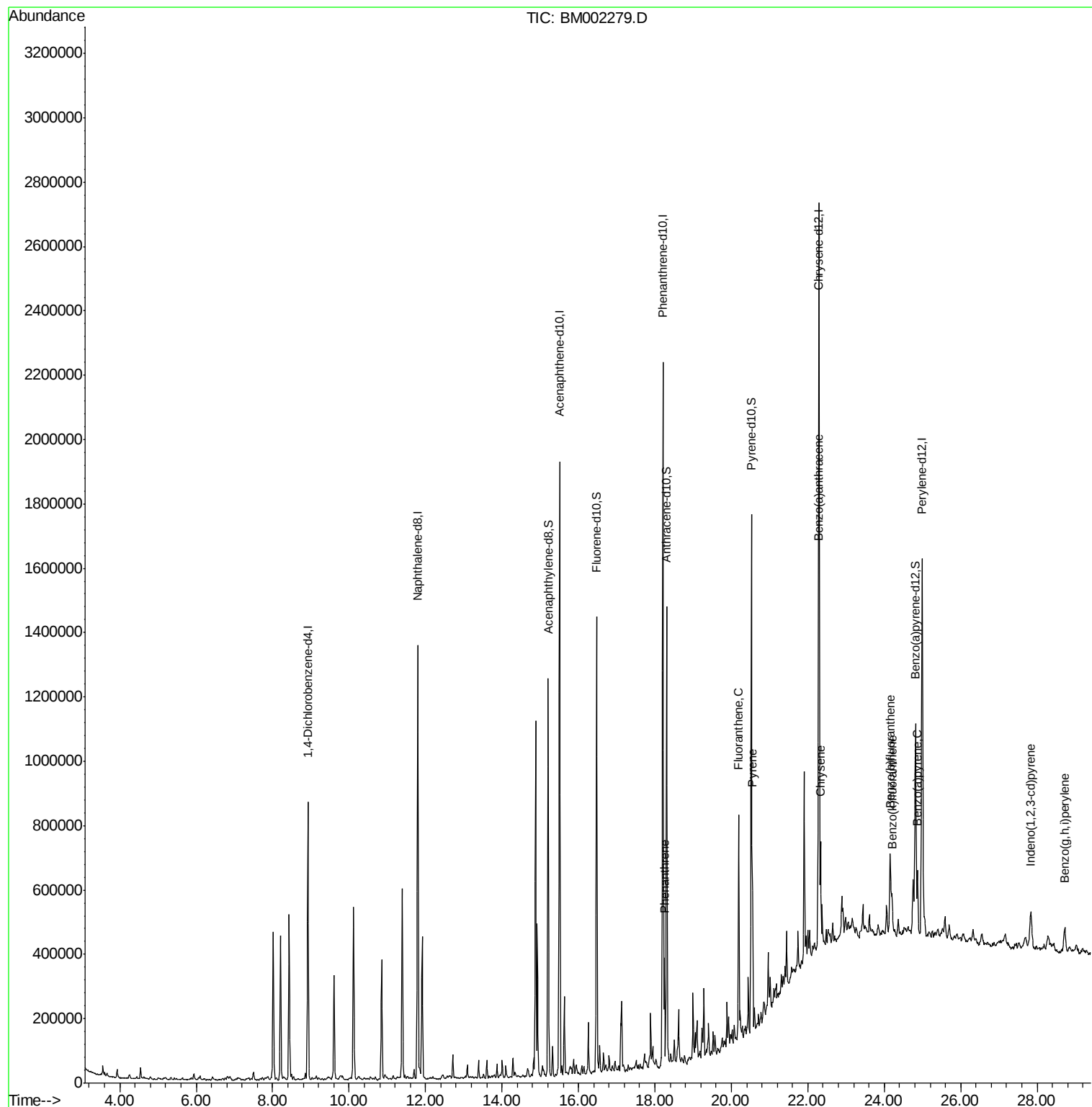
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002279.D
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Sample : G3161-15
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ALS Vial : 30 Sample Multiplier: 1

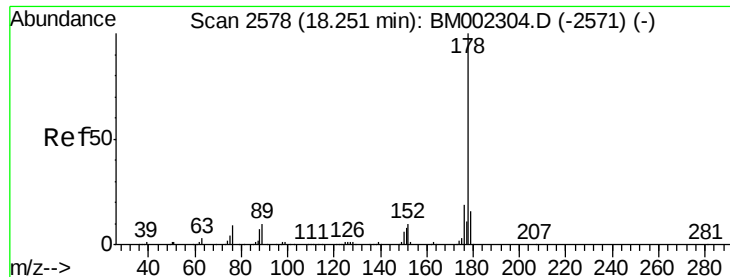
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Quant Time: Aug 09 06:12:37 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080715MA.M
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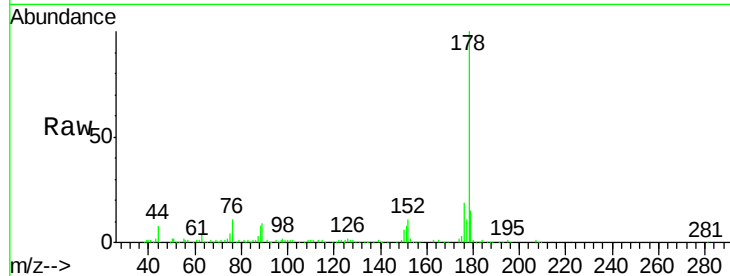
#13
Phenanthrene
Concen: 2.71 ng/ul
RT: 18.25 min Scan# 2578
Delta R.T. -0.00 min
Lab File: BM002279.D
Acq: 08 Aug 2015 16:25

Instrument :
BNA_M
ClientSampleId :
D9C60

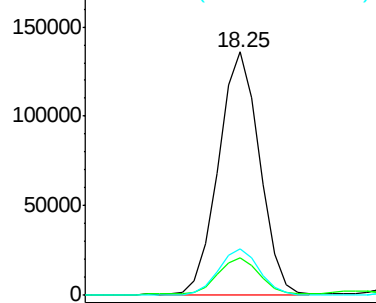
Tgt Ion	Ratio	Resp	Lower	Upper
178	100	197284		
179	15.5	12.3	18.5	
176	19.0	15.3	22.9	

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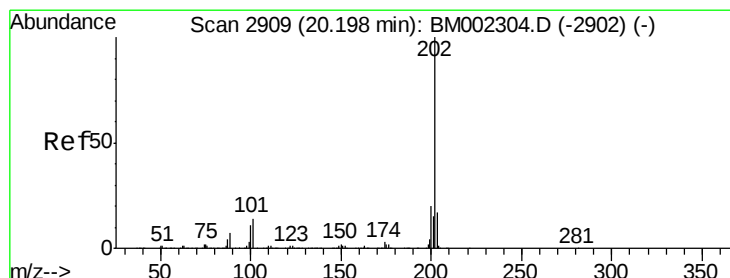
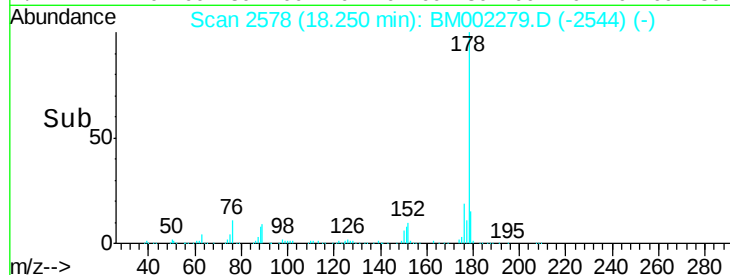
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

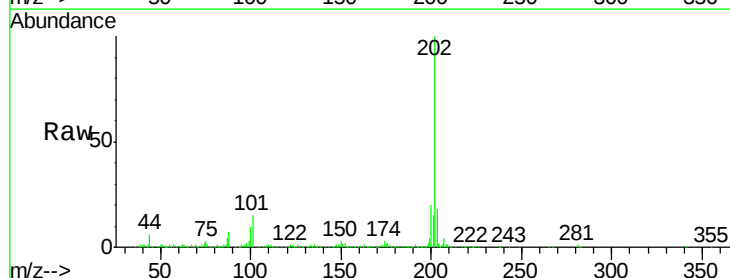


Time-->

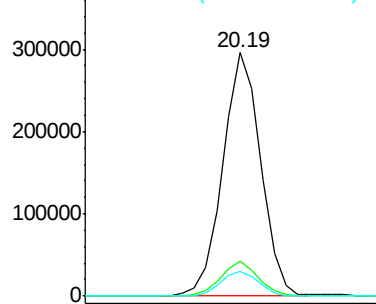


#16
Fluoranthene
Concen: 4.90 ng/ul
RT: 20.19 min Scan# 2908
Delta R.T. -0.00 min
Lab File: BM002279.D
Acq: 08 Aug 2015 16:25

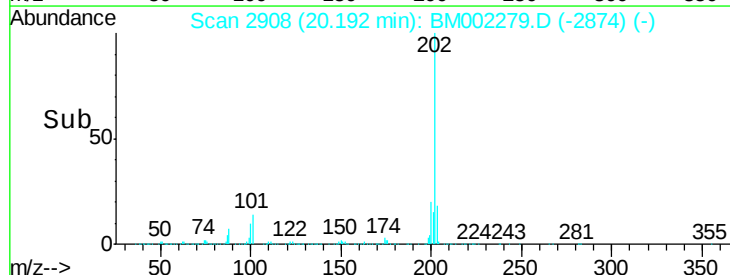
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	395077		
101	14.6	10.6	15.8	
100	10.3	8.2	12.4	

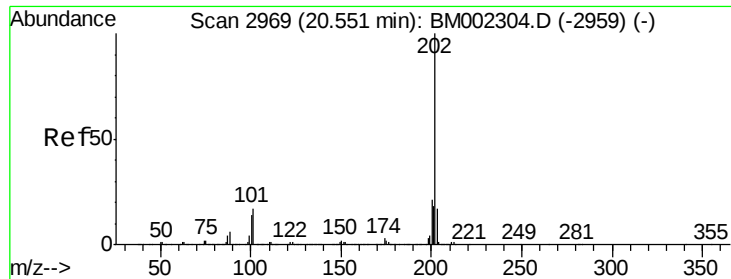


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





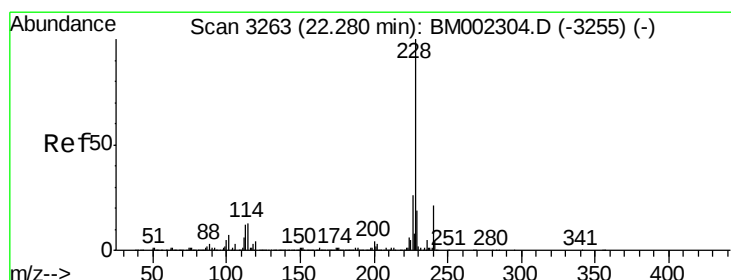
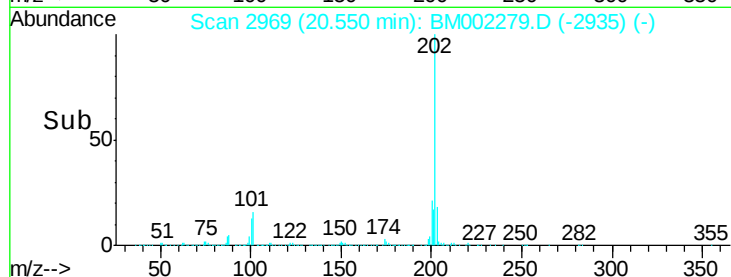
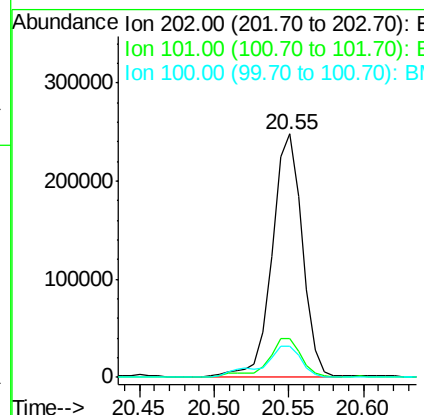
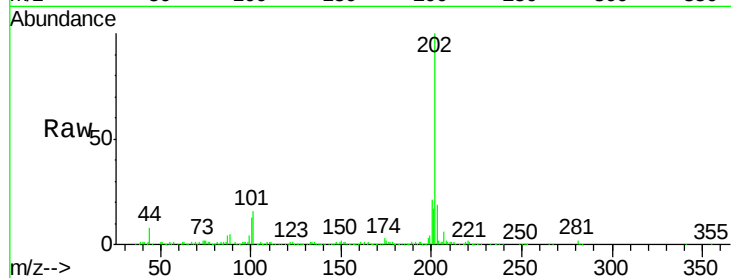
#19
 Pyrene
 Concen: 4.66 ng/ul
 RT: 20.55 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BM002279.D
 Acq: 08 Aug 2015 16:25

Instrument :
 BNA_M
 ClientSampleId :
 D9C60

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	346945		
101	15.7	13.0	19.6	
100	12.8	11.0	16.4	

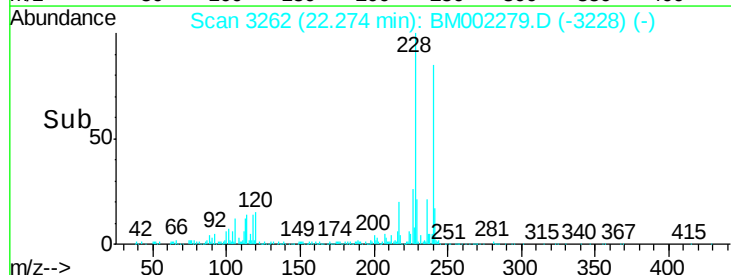
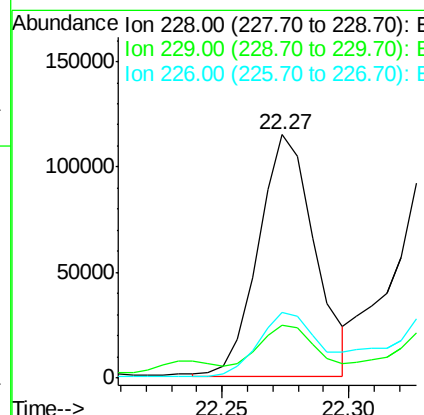
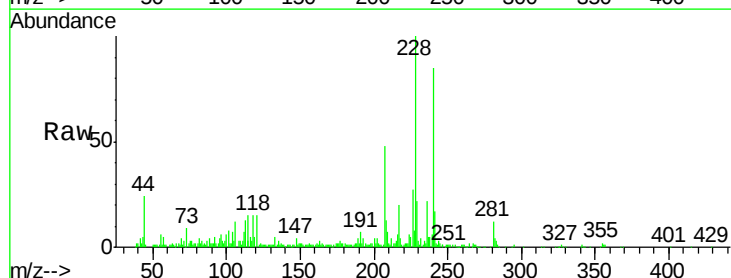
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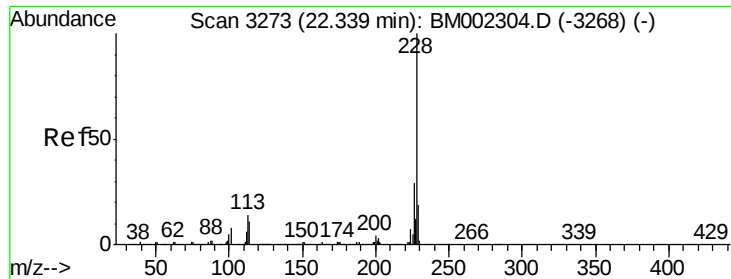
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#20
 Benzo(a)anthracene
 Concen: 2.53 ng/ul
 RT: 22.27 min Scan# 3262
 Delta R.T. -0.00 min
 Lab File: BM002279.D
 Acq: 08 Aug 2015 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	177809		
229	21.9	15.7	23.5	
226	26.8	21.4	32.0	





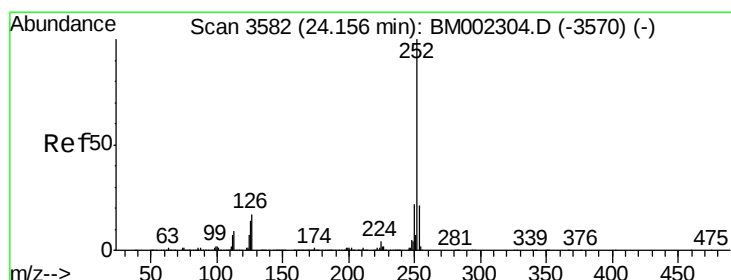
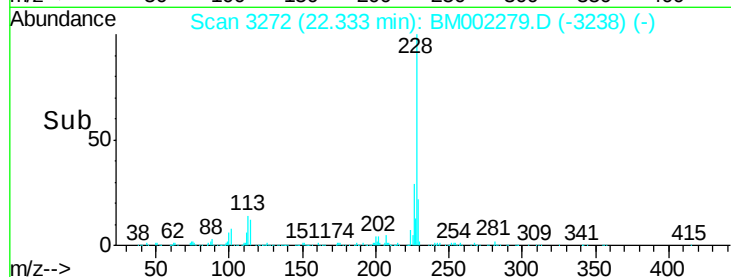
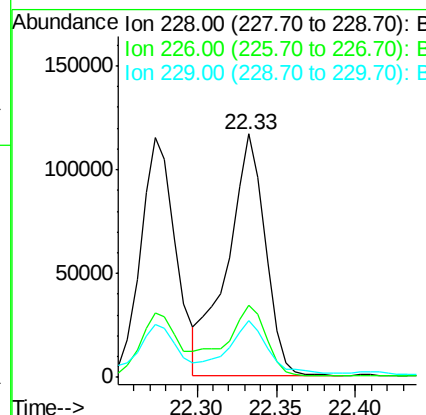
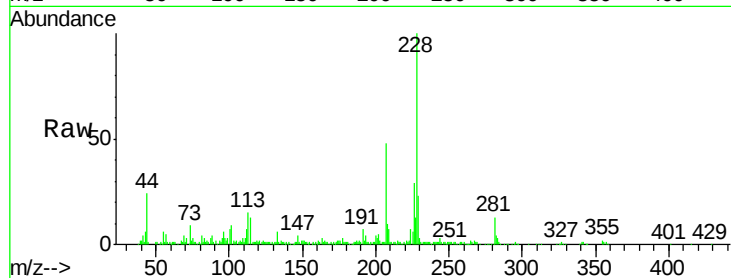
#21
Chrysene
Concen: 2.89 ng/ul
RT: 22.33 min Scan# 3272
Delta R.T. -0.00 min
Lab File: BM002279.D
Acq: 08 Aug 2015 16:25

Instrument :
BNA_M
ClientSampleId :
D9C60

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	192471		
226	29.4	23.4	35.0	
229	23.2	15.5	23.3	

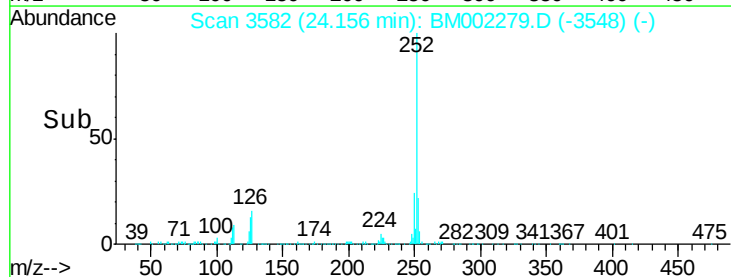
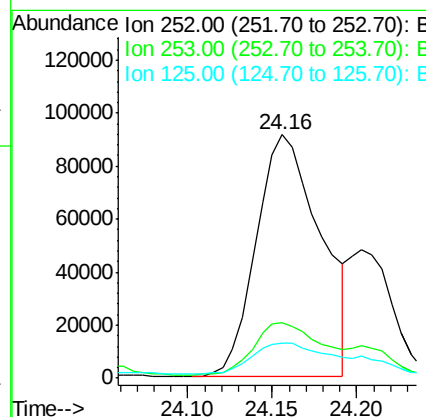
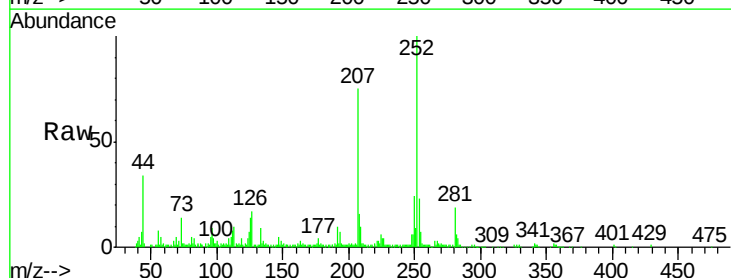
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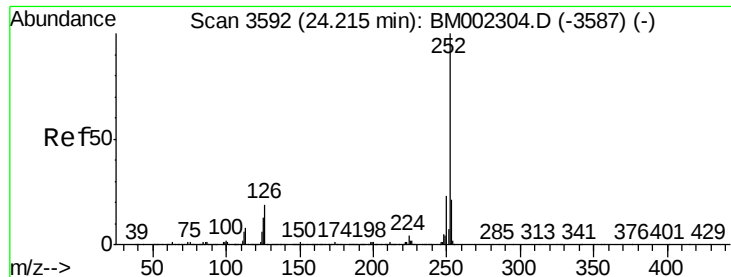
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#23
Benzo(b)fluoranthene
Concen: 4.14 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. -0.00 min
Lab File: BM002279.D
Acq: 08 Aug 2015 16:25

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	241370		
253	22.9	17.9	26.9	
125	14.3	10.3	15.5	





#24

Benzo(k)fluoranthene

Concen: 1.53 ng/ul m

RT: 24.20 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BM002279.D

Acq: 08 Aug 2015 16:25

Instrument :

BNA_M

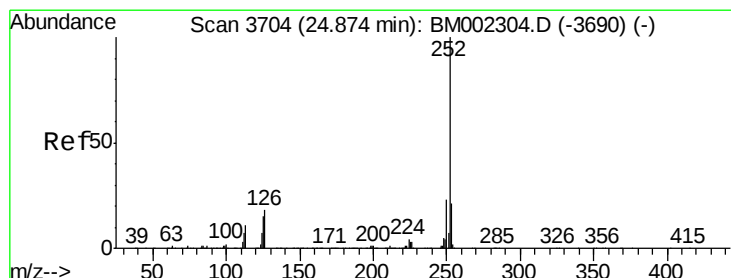
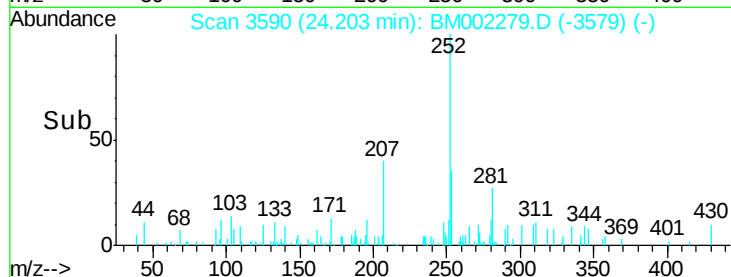
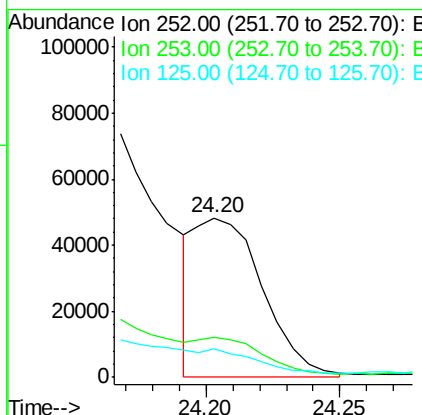
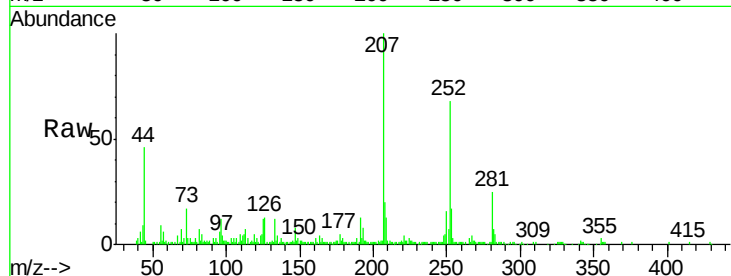
ClientSampled :

D9C60

Tgt Ion:	252	Resp:	85661
Ion Ratio	Lower	Upper	
252	100		
253	25.3	17.3	25.9
125	17.7	10.2	15.4#

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#26

Benzo(a)pyrene

Concen: 2.73 ng/ul

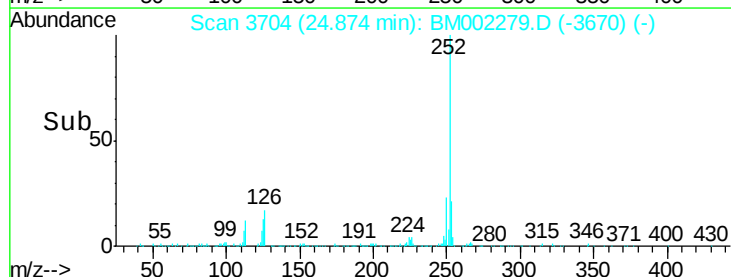
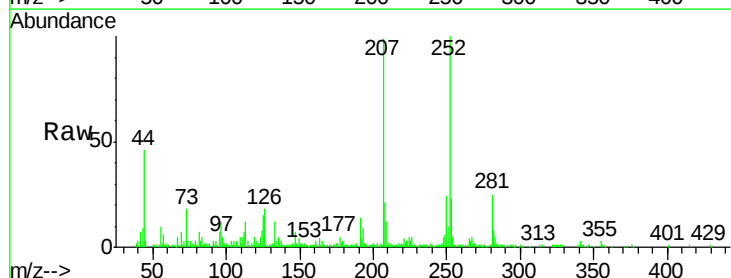
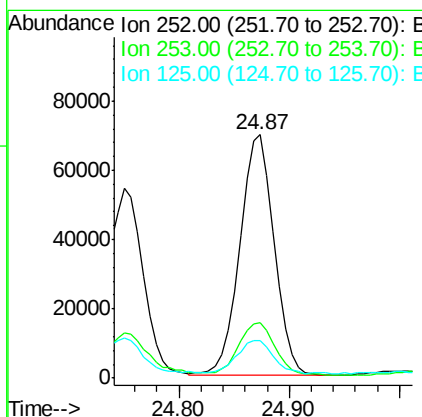
RT: 24.87 min Scan# 3704

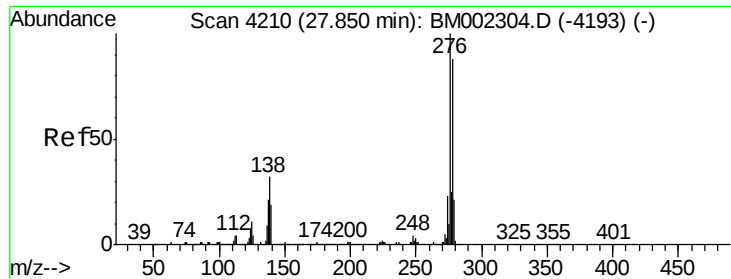
Delta R.T. -0.00 min

Lab File: BM002279.D

Acq: 08 Aug 2015 16:25

Tgt Ion:	252	Resp:	152546
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.3	25.9
125	15.2	11.0	16.6





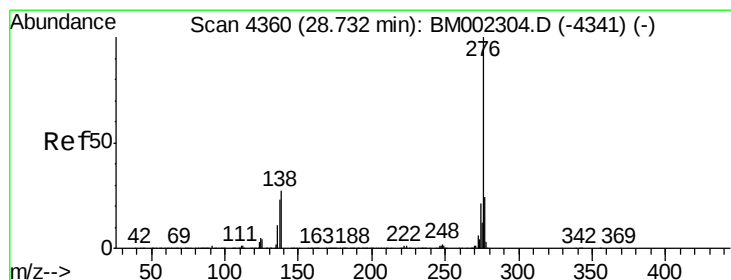
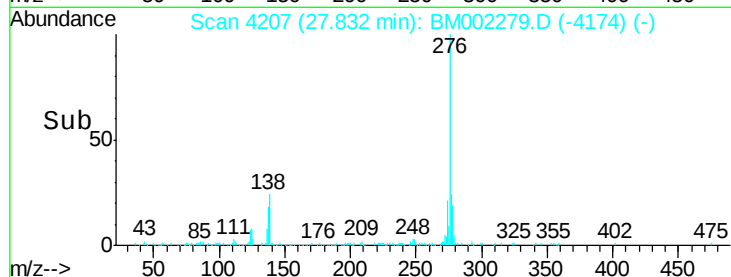
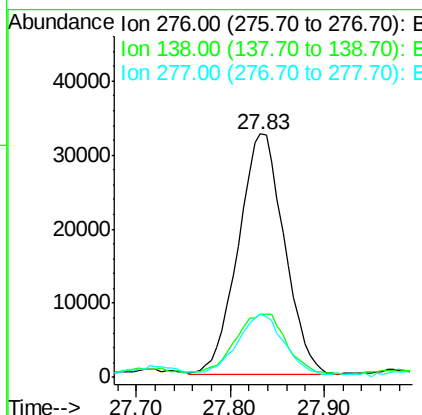
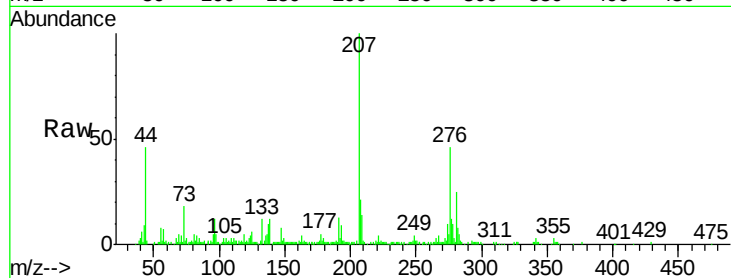
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.72 ng/ul
 RT: 27.83 min Scan# 4207
 Delta R.T. -0.01 min
 Lab File: BM002279.D
 Acq: 08 Aug 2015 16:25

Instrument :
 BNA_M
 ClientSampleId :
 D9C60

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	25.6	38.4
277	26.0	21.0	31.4

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#29
 Benzo(g,h,i)perylene
 Concen: 1.88 ng/ul
 RT: 28.72 min Scan# 4358
 Delta R.T. -0.00 min
 Lab File: BM002279.D
 Acq: 08 Aug 2015 16:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	20.5	30.7
277	24.5	19.0	28.6

