

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
 Data File : BM002277.D
 Acq On : 08 Aug 2015 15:12
 Operator : TP/UM
 Sample : G3161-08MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9C53MSD

Manual Integrations
 APPROVED

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 8/10/2015 7:14:04 PM

Quant Time: Aug 09 06:09:48 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	221961	20.00	ng/ul	0.00
2) Naphthalene-d8	11.80	136	1100923	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.50	164	620092	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.21	188	1251957	20.00	ng/ul	0.00
17) Chrysene-d12	22.29	240	1140706	20.00	ng/ul	0.00
22) Perylene-d12	24.99	264	935759	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.20	160	1261648	19.64	ng/ul	0.00
10) Fluorene-d10	16.47	176	824731	18.46	ng/ul	0.00
14) Anthracene-d10	18.30	188	1166379	19.20	ng/ul	0.00
18) Pyrene-d10	20.52	212	1159311	20.96	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.82	264	832984	16.76	ng/ul	0.00
Target Compounds						
9) Acenaphthene	15.56	153	820893	18.30	ng/ul	Qvalue 99
13) Phenanthrene	18.25	178	200471	2.78	ng/ul	99
16) Fluoranthene	20.19	202	315797	3.96	ng/ul	99
19) Pyrene	20.55	202	1676526	22.73	ng/ul	99
20) Benzo(a)anthracene	22.27	228	170822	2.45	ng/ul	97
21) Chrysene	22.33	228	168728m	2.56	ng/ul	
23) Benzo(b)fluoranthene	24.16	252	262296	4.51	ng/ul#	98
24) Benzo(k)fluoranthene	24.20	252	80579m	1.44	ng/ul	
26) Benzo(a)pyrene	24.87	252	144707	2.60	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	27.83	276	105471	1.65	ng/ul	92
29) Benzo(g,h,i)perylene	28.73	276	99580	1.85	ng/ul	95

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

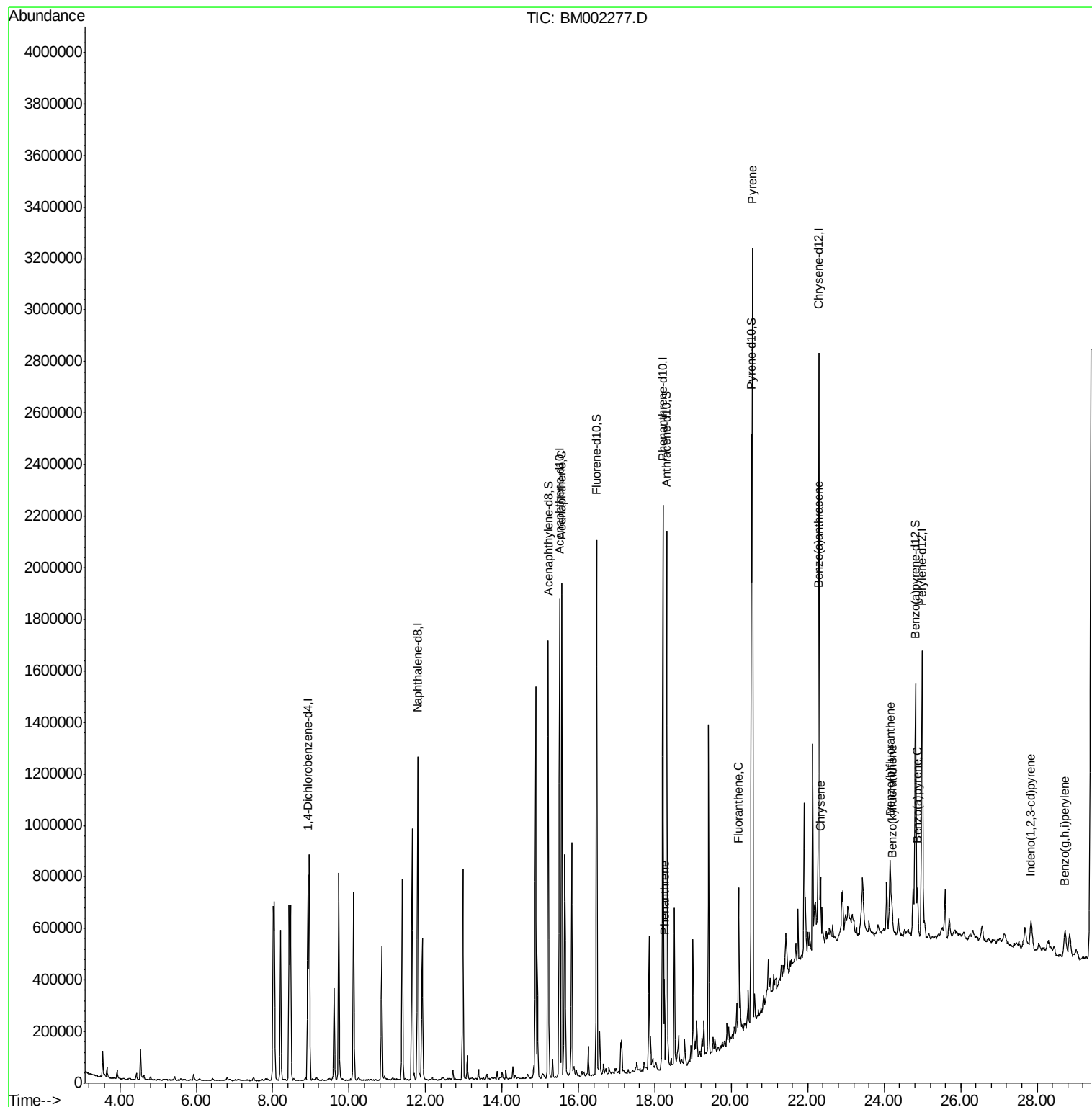
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080715\
Data File : BM002277.D
Acq On : 08 Aug 2015 15:12
Operator : TP/UM
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Misc :
ALS Vial : 28 Sample Multiplier: 1

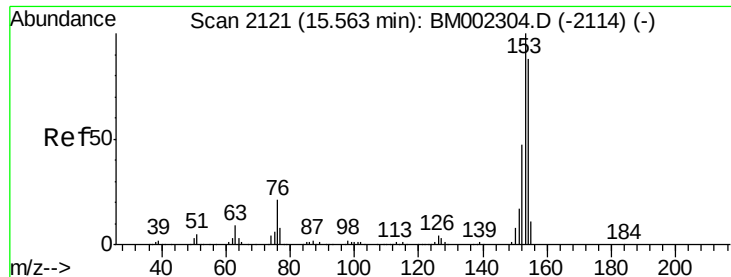
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Response via : Initial Calibration





#9

Acenaphthene

Concen: 18.30 ng/ul

RT: 15.56 min Scan# 2121

Delta R.T. 0.00 min

Lab File: BM002277.D

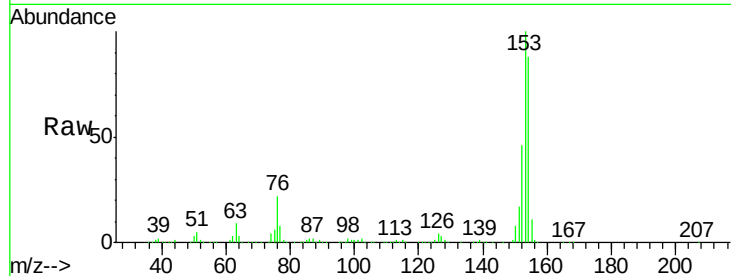
Acq: 08 Aug 2015 15:12

Instrument :

BNA_M

ClientSampleId :

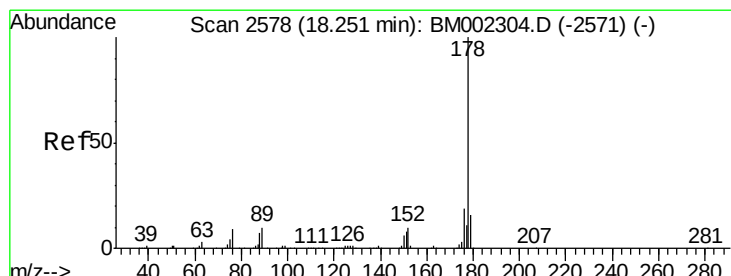
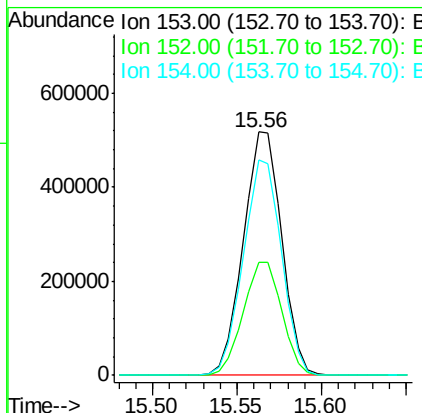
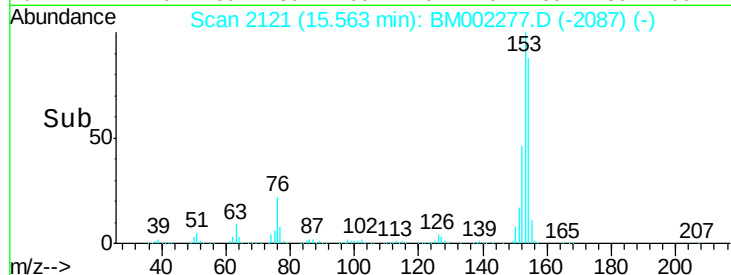
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Tgt Ion	Ratio	Resp	Lower	Upper
153	100	820893		
152	46.4	36.6	55.0	
154	88.4	71.5	107.3	

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#13

Phenanthrene

Concen: 2.78 ng/ul

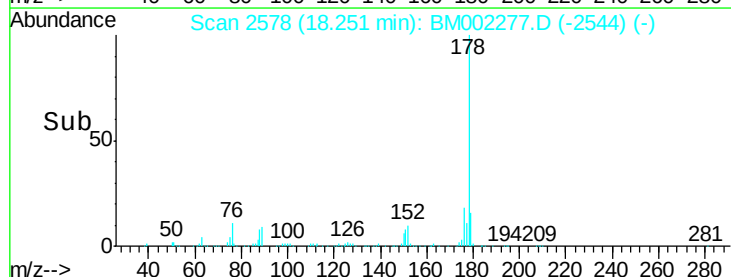
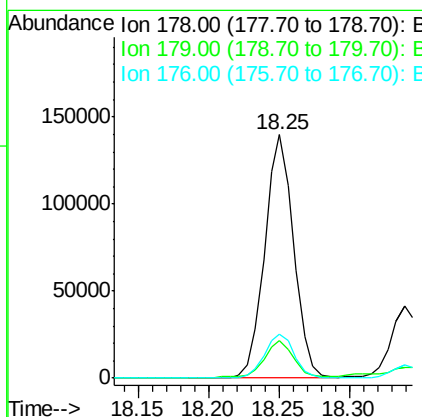
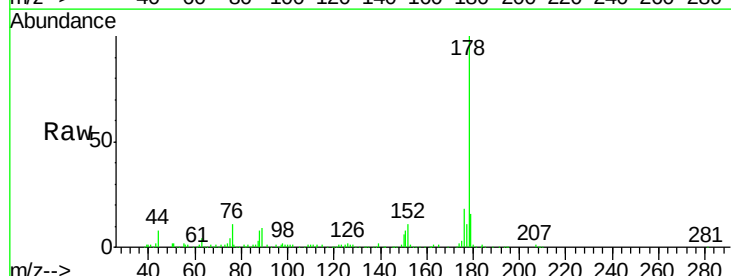
RT: 18.25 min Scan# 2578

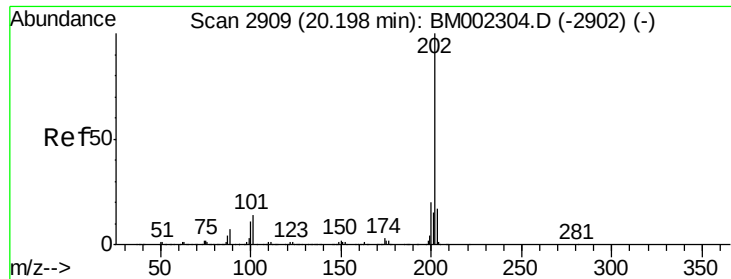
Delta R.T. 0.00 min

Lab File: BM002277.D

Acq: 08 Aug 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	200471		
179	15.5	12.3	18.5	
176	18.1	15.3	22.9	





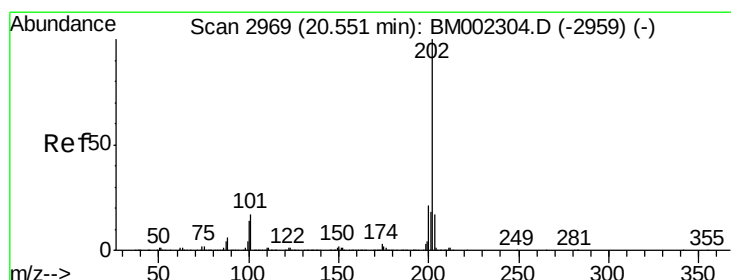
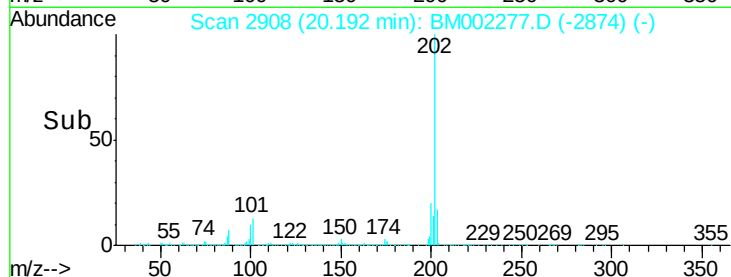
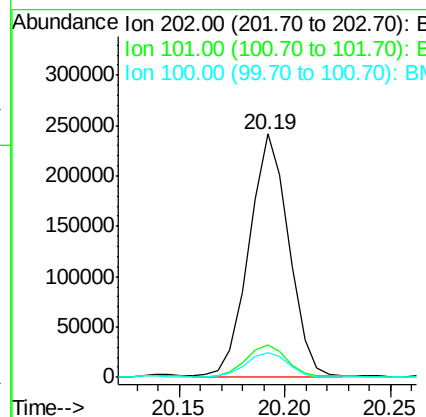
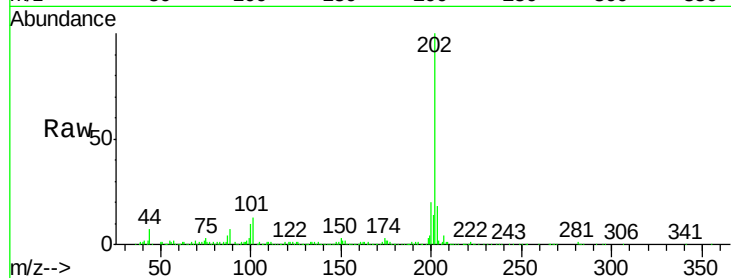
#16
Fluoranthene
 Concen: 3.96 ng/ul
 RT: 20.19 min Scan# 2908
 Delta R.T. 0.00 min
 Lab File: BM002277.D
 Acq: 08 Aug 2015 15:12

Instrument :
 BNA_M
 ClientSampleId :
 D9C53MSD

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	315797		
101	13.5	10.6	15.8	
100	10.2	8.2	12.4	

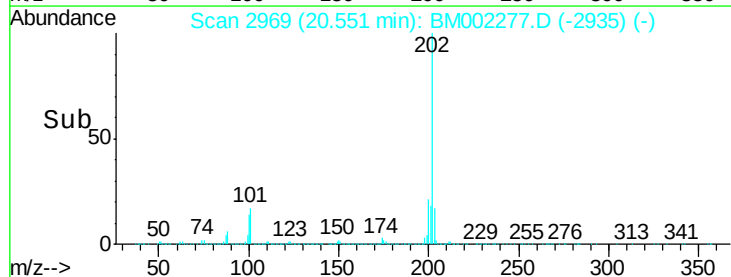
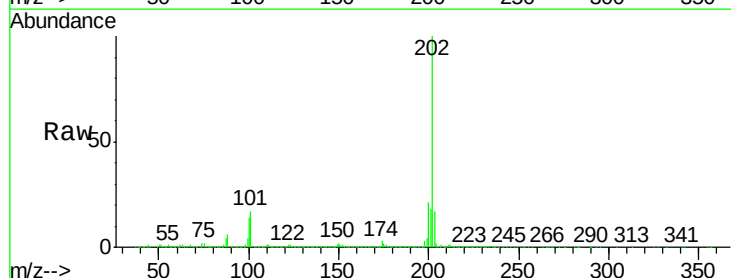
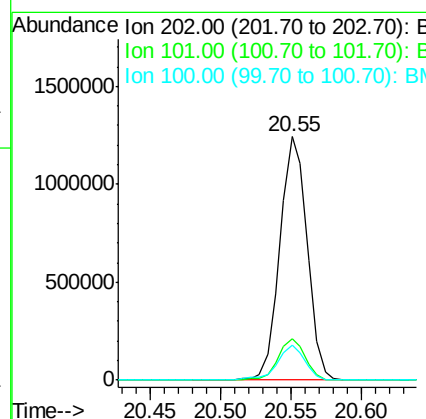
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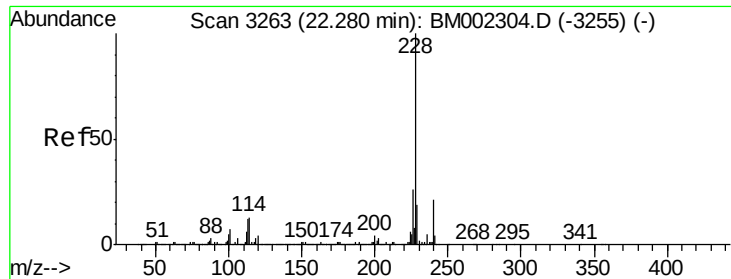
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#19
Pyrene
 Concen: 22.73 ng/ul
 RT: 20.55 min Scan# 2969
 Delta R.T. 0.00 min
 Lab File: BM002277.D
 Acq: 08 Aug 2015 15:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1676526		
101	16.9	13.0	19.6	
100	14.3	11.0	16.4	





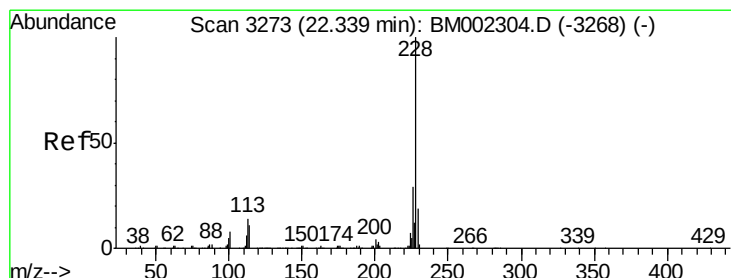
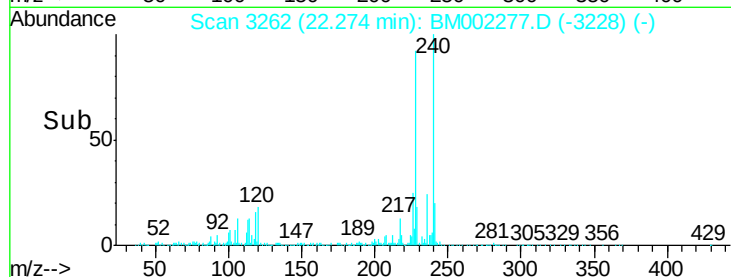
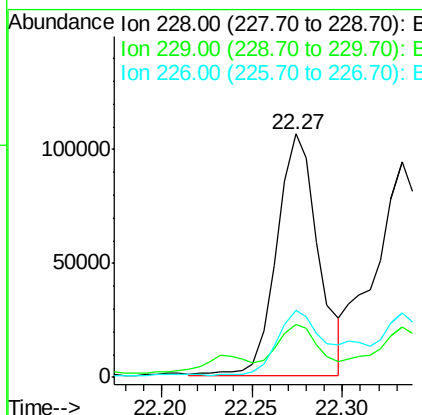
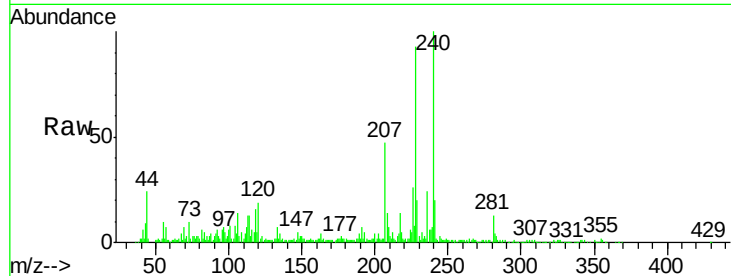
#20
Benzo(a)anthracene
Concen: 2.45 ng/ul
RT: 22.27 min Scan# 3262
Delta R.T. 0.00 min
Lab File: BM002277.D
Acq: 08 Aug 2015 15:12

Instrument :
BNA_M
ClientSampleId :
D9C53MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	27.8	21.4	32.0

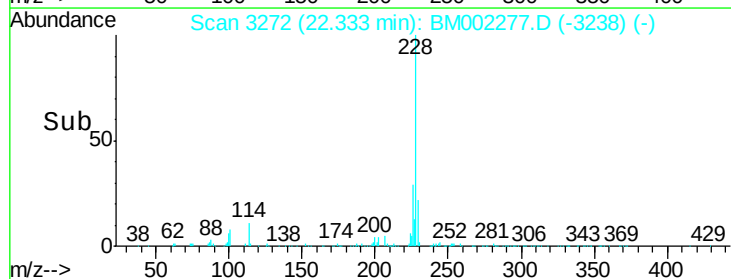
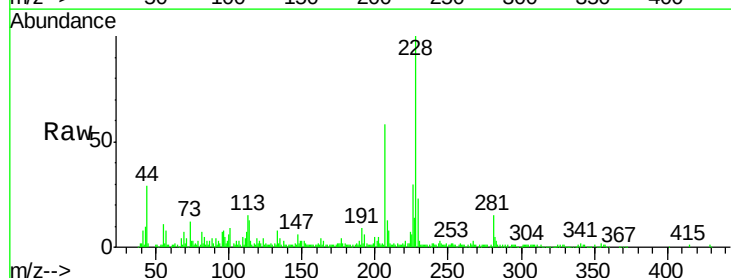
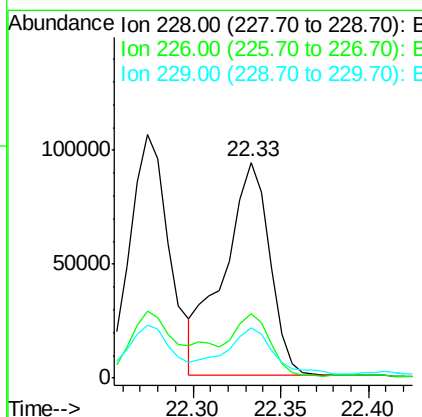
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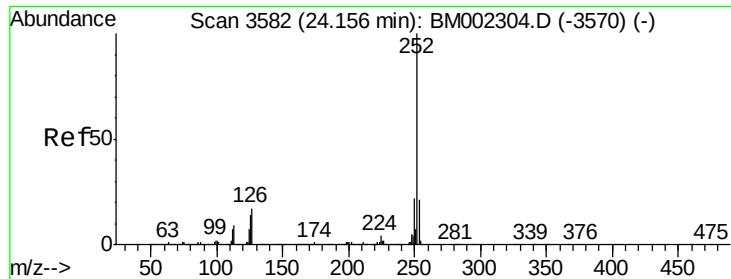
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#21
Chrysene
Concen: 2.56 ng/ul m
RT: 22.33 min Scan# 3272
Delta R.T. 0.00 min
Lab File: BM002277.D
Acq: 08 Aug 2015 15:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.0
229	23.4	15.5	23.3#





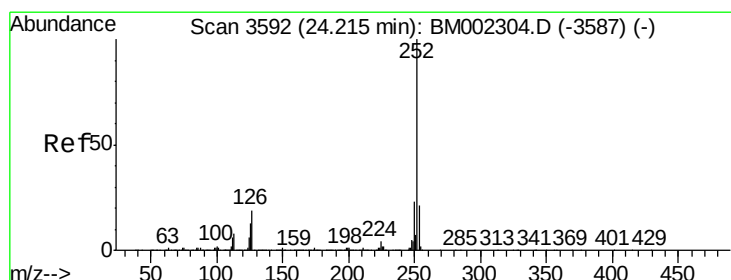
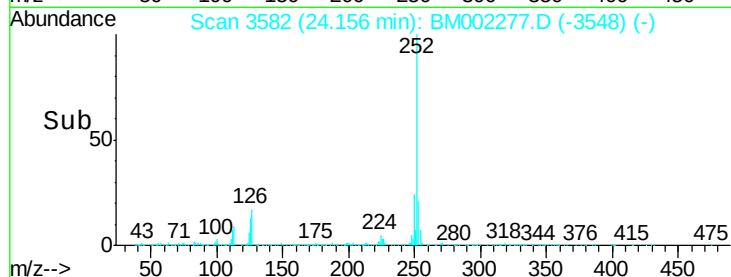
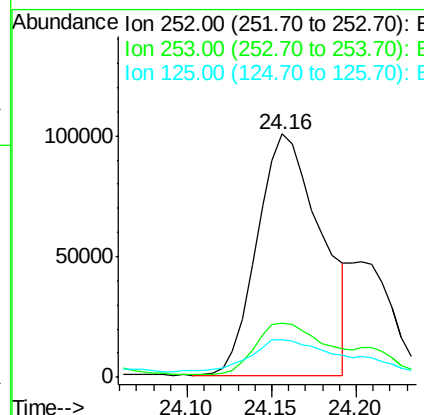
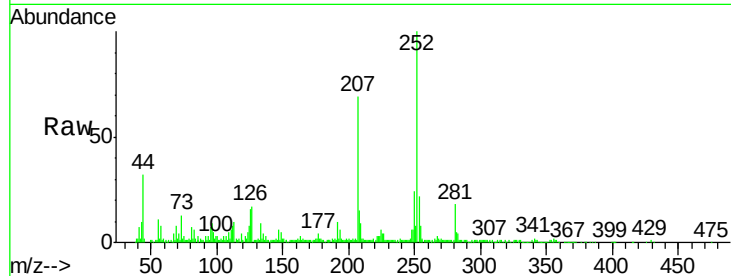
#23
Benzo(b)fluoranthene
Concen: 4.51 ng/ul
RT: 24.16 min Scan# 3582
Delta R.T. 0.00 min
Lab File: BM002277.D
Acq: 08 Aug 2015 15:12

Instrument :
BNA_M
ClientSampleId :
D9C53MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.4	17.9	26.9
125	15.5	10.3	15.5

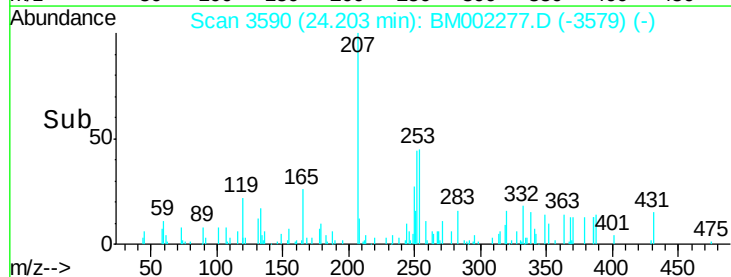
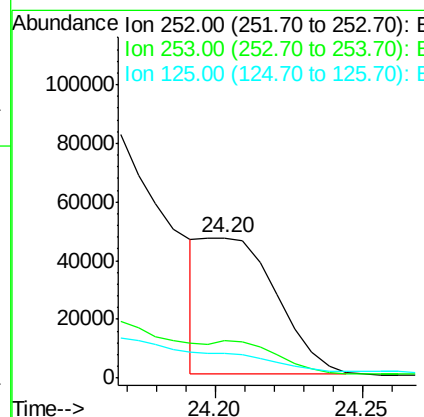
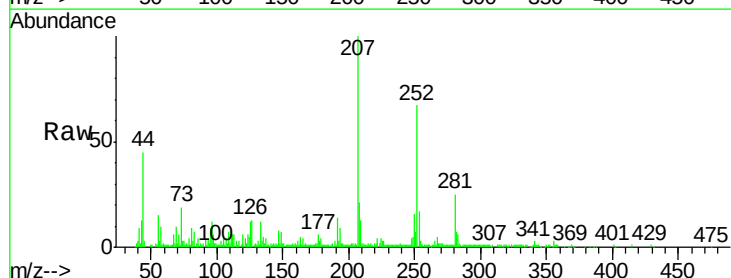
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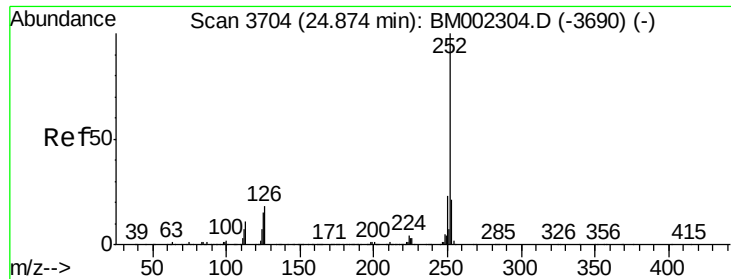
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#24
Benzo(k)fluoranthene
Concen: 1.44 ng/ul m
RT: 24.20 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM002277.D
Acq: 08 Aug 2015 15:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	26.3	17.3	25.9
125	17.9	10.2	15.4





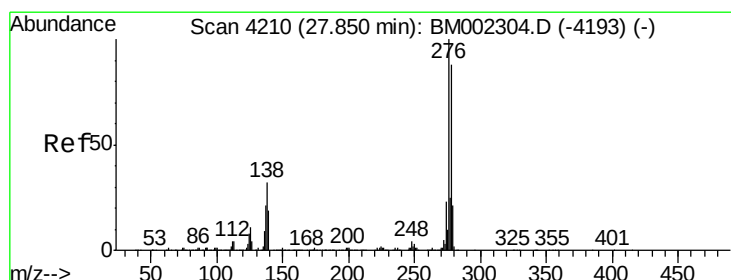
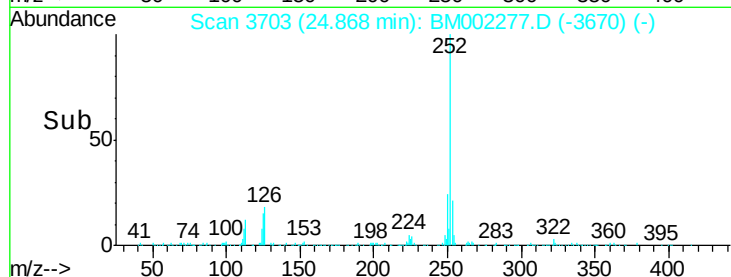
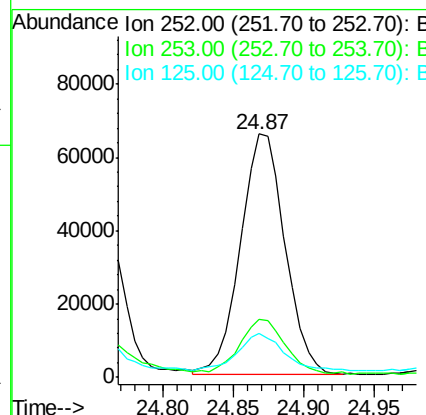
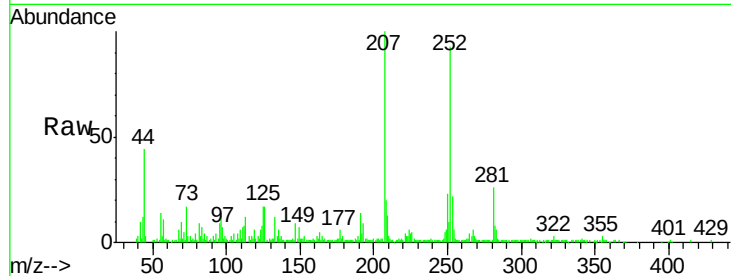
#26
Benzo(a)pyrene
Concen: 2.60 ng/ul
RT: 24.87 min Scan# 3703
Delta R.T. -0.01 min
Lab File: BM002277.D
Acq: 08 Aug 2015 15:12

Instrument :
BNA_M
ClientSampleId :
D9C53MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.8	17.3	25.9
125	17.9	11.0	16.6

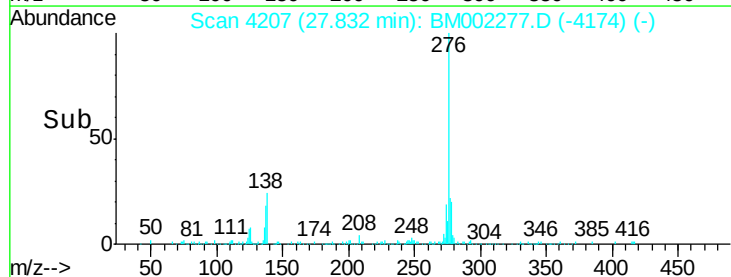
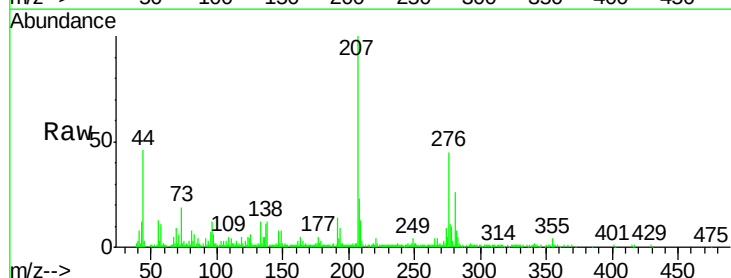
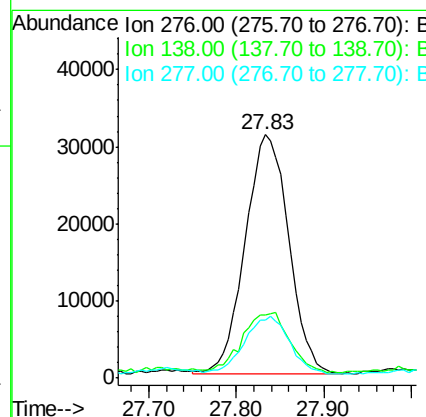
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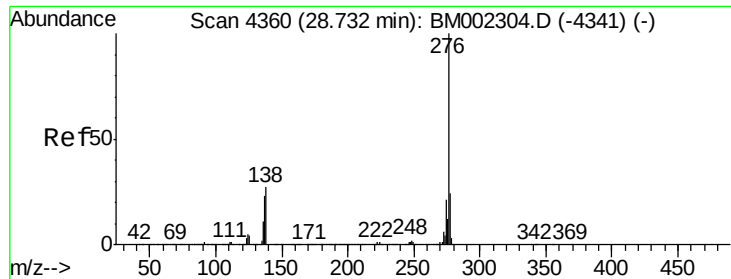
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.65 ng/ul
RT: 27.83 min Scan# 4207
Delta R.T. -0.01 min
Lab File: BM002277.D
Acq: 08 Aug 2015 15:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	25.9	25.6	38.4
277	24.0	21.0	31.4





#29

Benzo(g,h,i)perylene

Concen: 1.85 ng/ul

RT: 28.73 min Scan# 4359

Delta R.T. 0.01 min

Lab File: BM002277.D

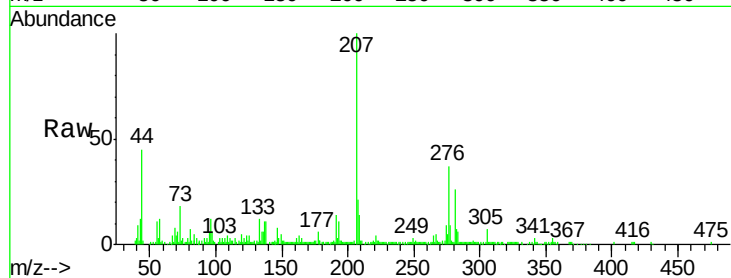
Acq: 08 Aug 2015 15:12

Instrument :

BNA_M

ClientSampleId :

D9C53MSD



Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.1	20.5	30.7
277	25.8	19.0	28.6

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