

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025251.D
 Acq On : 04 Mar 2020 15:25
 Operator : CG/JU
 Sample : L1542-16
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD52

Manual Integrations
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 3/5/2020 7:57:18 AM

Quant Time: Mar 04 16:02:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 04 08:02:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	3441	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	14979	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10823	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	25462m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	24569	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	21909	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	10475	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	31206	0.38	ng/ul	0.00
Target Compounds				Ovalue		
12) Phenanthrene	17.09	178	2697	0.033	ng/ul	96
13) Anthracene	17.18	178	1484	0.020	ng/ul#	89
15) Fluoranthene	19.10	202	10726	0.104	ng/ul	99
17) Pyrene	19.47	202	9328	0.100	ng/ul	99
18) Benzo(a)anthracene	21.21	228	5897	0.065	ng/ul	98
19) Chrysene	21.27	228	11737	0.118	ng/ul	100
21) Benzo(b)fluoranthene	22.77	252	23492m	0.268	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	9106m	0.099	ng/ul	
23) Benzo(a)pyrene	23.33	252	7238	0.098	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.60	276	10427	0.114	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.61	278	2370	0.031	ng/ul#	62
26) Benzo(g,h,i)perylene	26.26	276	8909	0.114	ng/ul	96

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

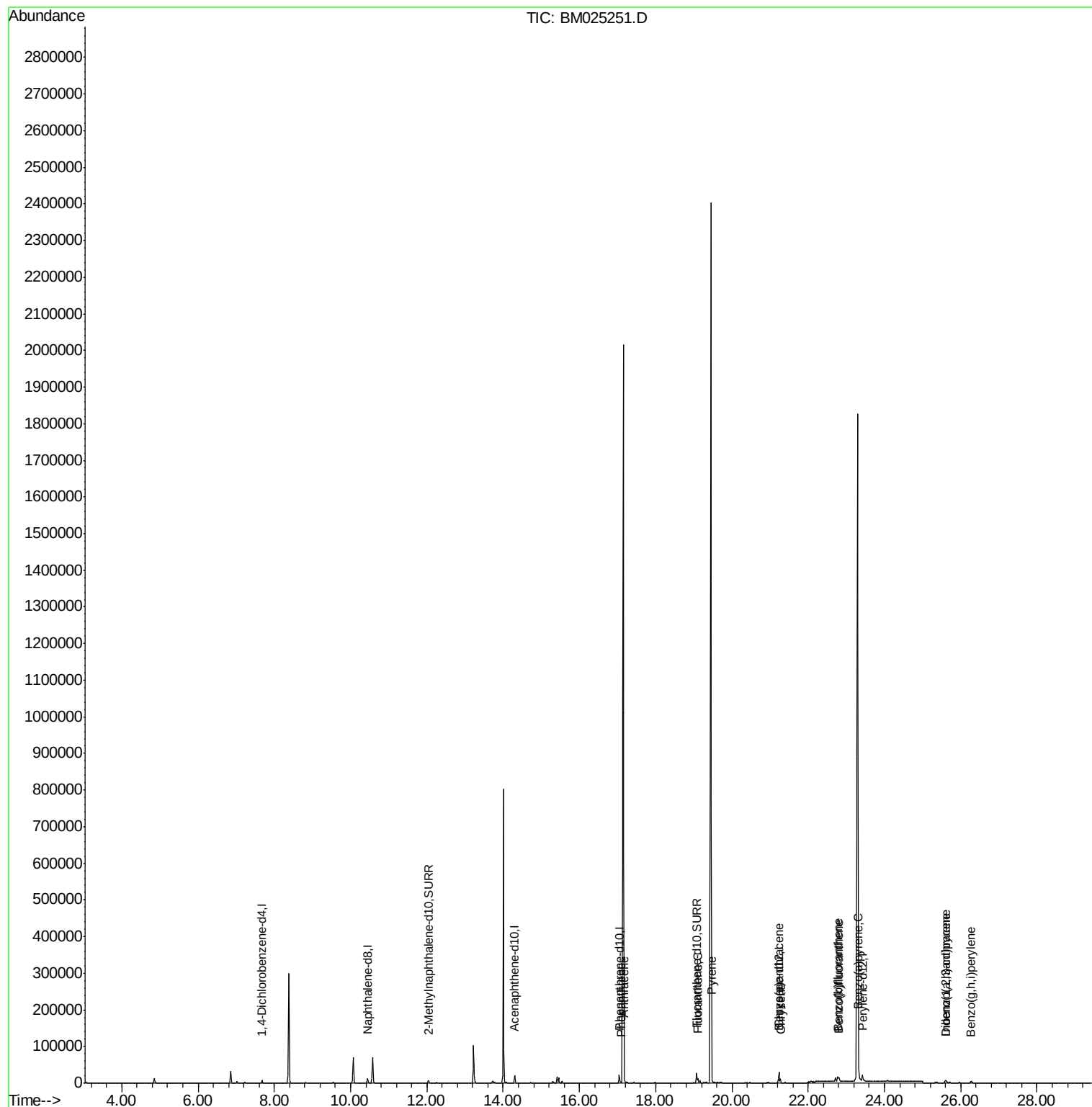
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025251.D
Acq On : 04 Mar 2020 15:25
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Misc :
ALS Vial : 47 Sample Multiplier: 1

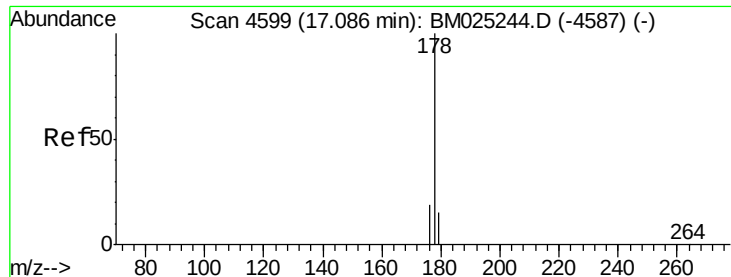
Instrument :
BNA_M
ClientSampleId :
DBD52

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 08:02:03 2020
Response via : Initial Calibration





#12

Phenanthrene

Concen: 0.033 ng/ul

RT: 17.09 min Scan# 4599

Delta R.T. -0.00 min

Lab File: BM025251.D

Acq: 04 Mar 2020 15:25

Instrument :

BNA_M

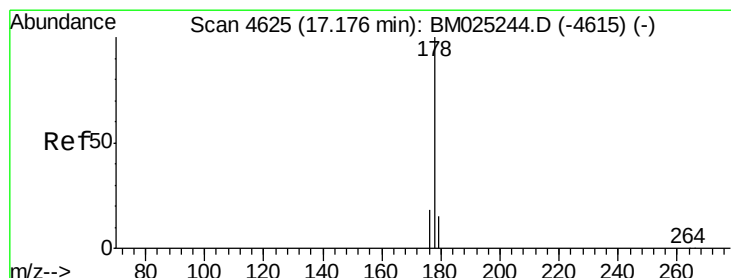
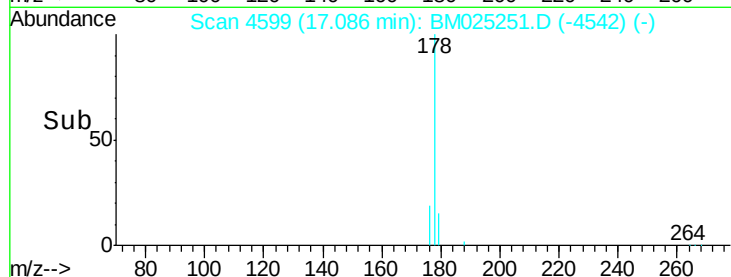
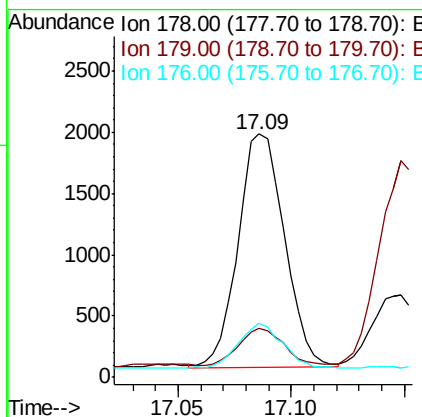
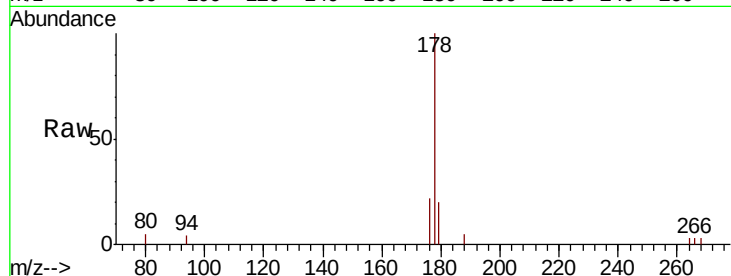
ClientSampled :

DBD52

Tot Ion	Ratio	Lower	Upper
178	100		
179	19.9	14.0	21.0
176	22.0	16.6	24.8

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#13

Anthracene

Concen: 0.020 ng/ul

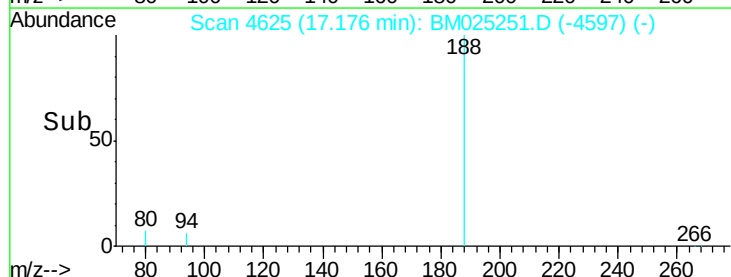
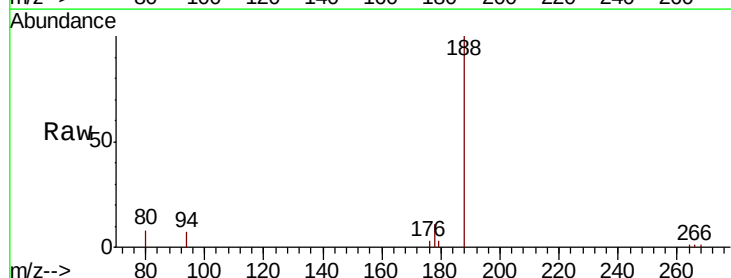
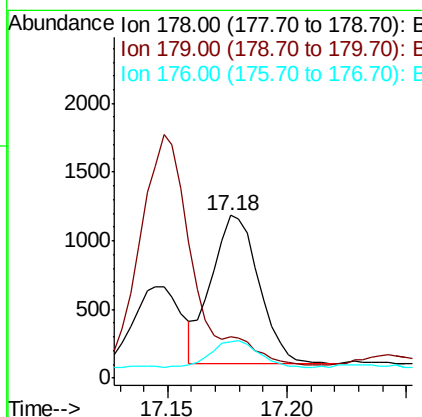
RT: 17.18 min Scan# 4625

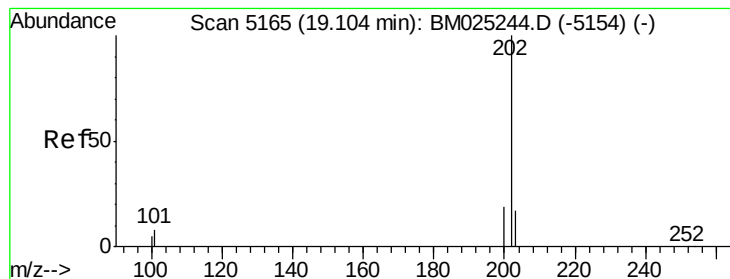
Delta R.T. -0.00 min

Lab File: BM025251.D

Acq: 04 Mar 2020 15:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	25.4	14.1	21.1#
176	22.4	16.2	24.4





#15

Fluoranthene

Concen: 0.104 ng/ul

RT: 19.10 min Scan# 5165

Delta R.T. -0.00 min

Lab File: BM025251.D

Acq: 04 Mar 2020 15:25

Instrument :

BNA_M

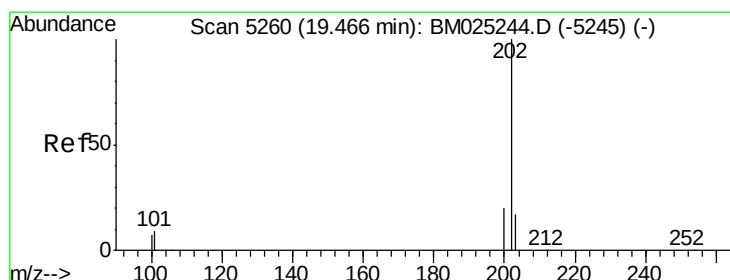
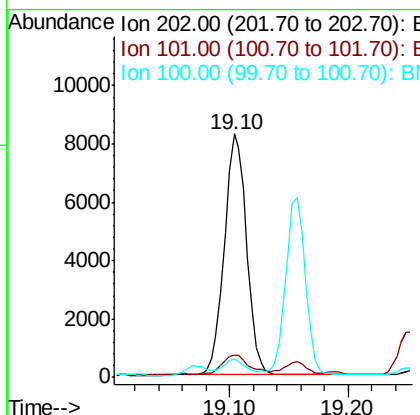
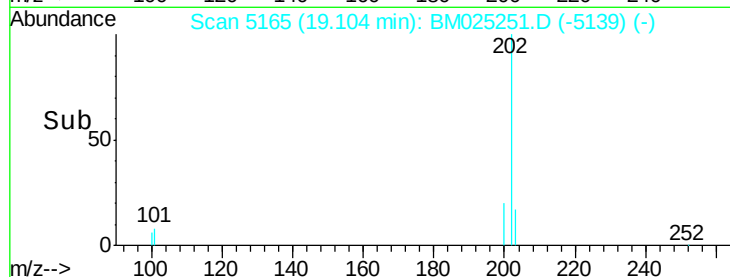
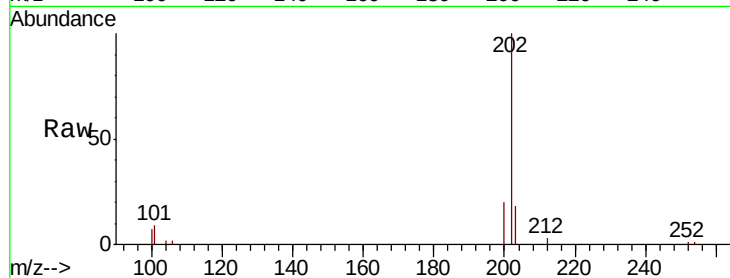
ClientSampleId :

DBD52

Tot Ion:	202	Resp:	10726
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.4
100	7.3	0.0	28.0

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#17

Pyrene

Concen: 0.100 ng/ul

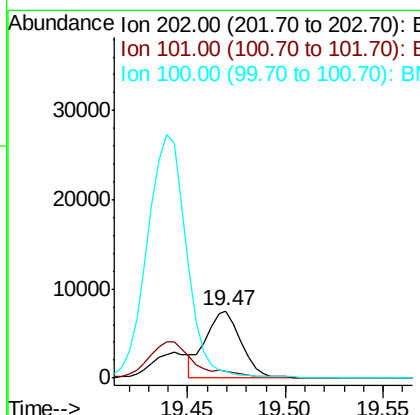
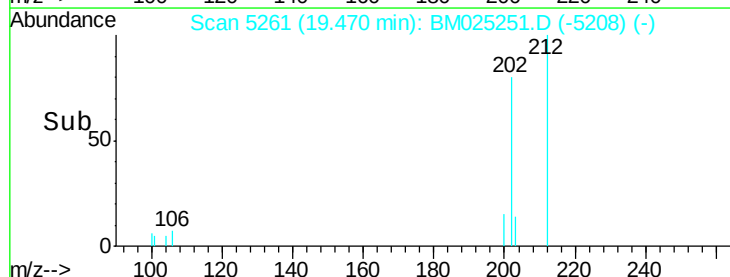
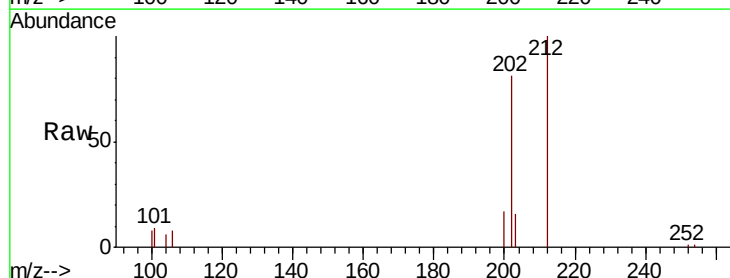
RT: 19.47 min Scan# 5261

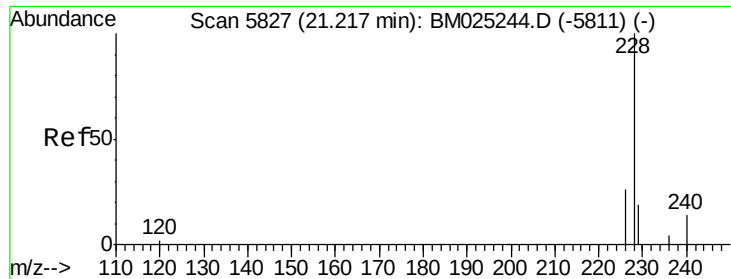
Delta R.T. 0.00 min

Lab File: BM025251.D

Acq: 04 Mar 2020 15:25

Tgt Ion:	202	Resp:	9328
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.7	13.1
100	9.4	7.3	10.9





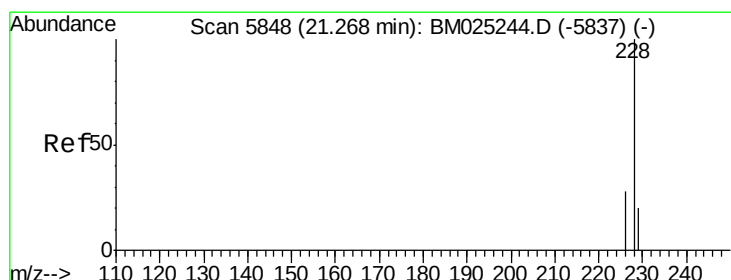
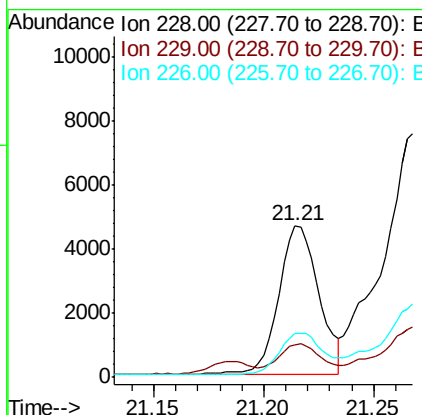
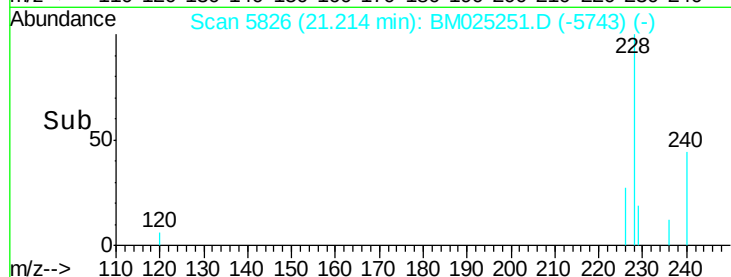
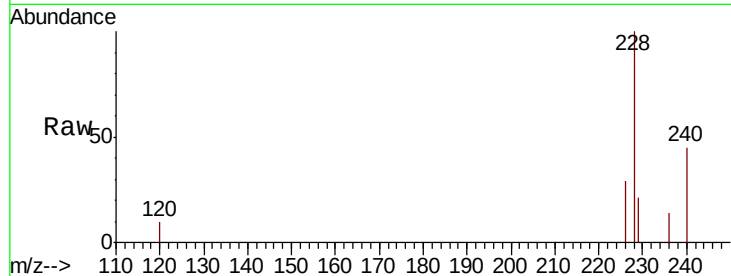
#18
Benzo(a)anthracene
Concen: 0.065 ng/ul
RT: 21.21 min Scan# 5826
Delta R.T. 0.00 min
Lab File: BM025251.D
Acq: 04 Mar 2020 15:25

Instrument :
BNA_M
ClientSampleId :
DBD52

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	29.0	21.9	32.9

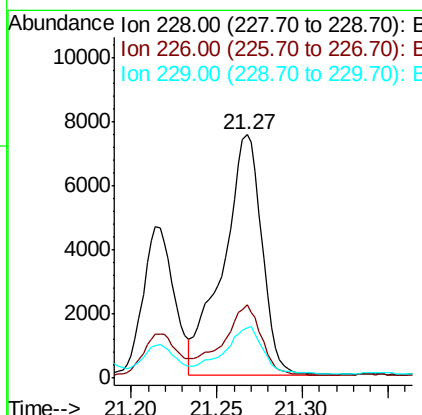
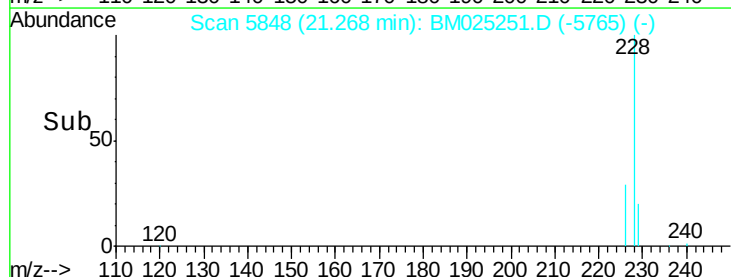
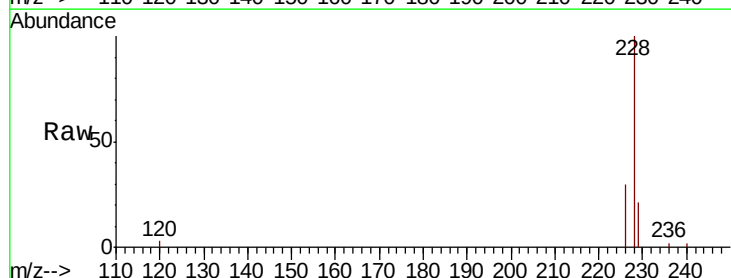
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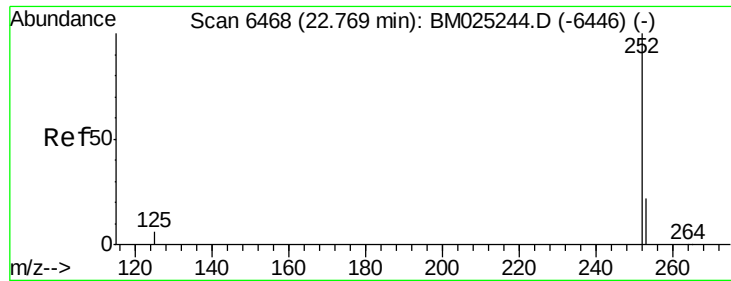
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#19
Chrysene
Concen: 0.118 ng/ul
RT: 21.27 min Scan# 5848
Delta R.T. 0.00 min
Lab File: BM025251.D
Acq: 04 Mar 2020 15:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.9	16.9	25.3





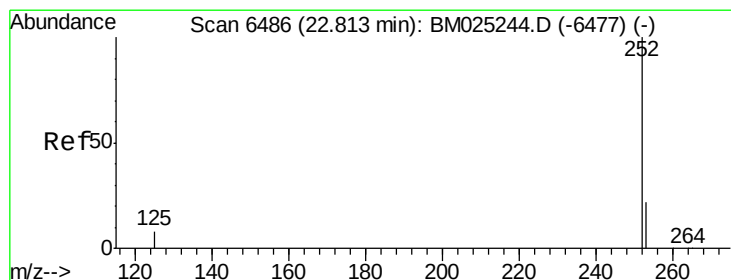
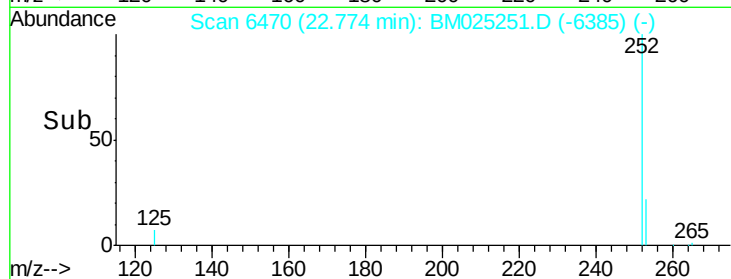
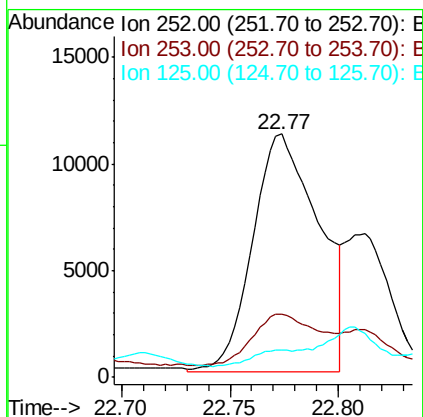
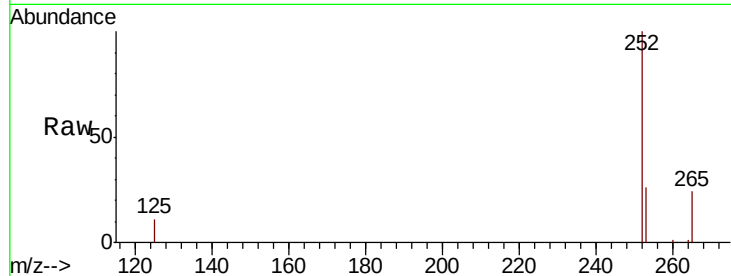
#21
Benzo(b)fluoranthene
Concen: 0.268 ng/ul m
RT: 22.77 min Scan# 6470
Delta R.T. 0.01 min
Lab File: BM025251.D
Acq: 04 Mar 2020 15:25

Instrument :
BNA_M
ClientSampleId :
DBD52

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	49.8
125	11.5	0.0	28.6

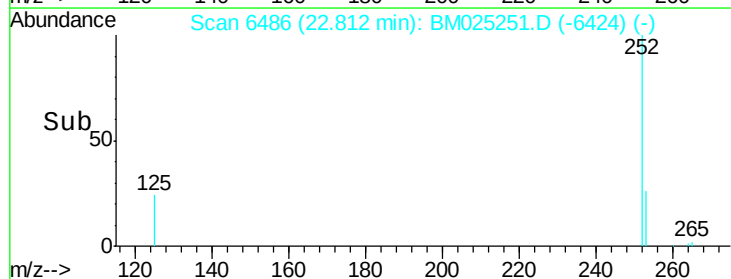
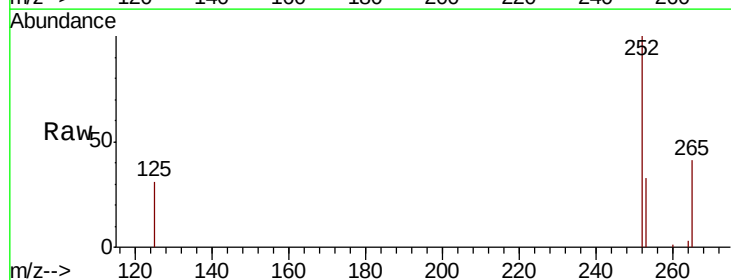
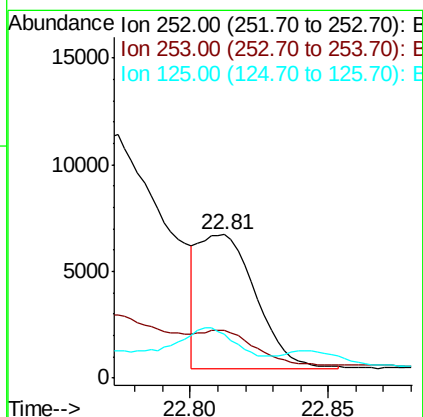
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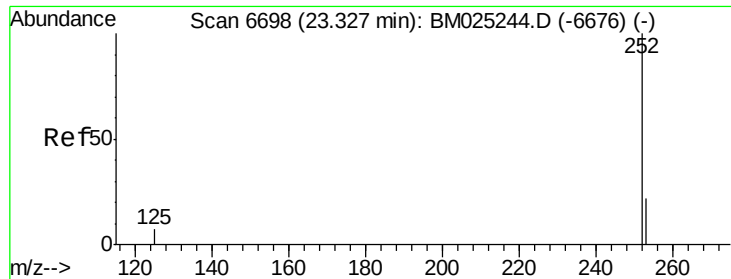
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#22
Benzo(k)fluoranthene
Concen: 0.099 ng/ul m
RT: 22.81 min Scan# 6486
Delta R.T. 0.00 min
Lab File: BM025251.D
Acq: 04 Mar 2020 15:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	32.9	19.4	29.0#
125	30.6	10.7	16.1#





#23

Benzo(a)pyrene

Concen: 0.098 ng/ul

RT: 23.33 min Scan# 6699

Delta R.T. 0.00 min

Lab File: BM025251.D

Acq: 04 Mar 2020 15:25

Instrument :

BNA_M

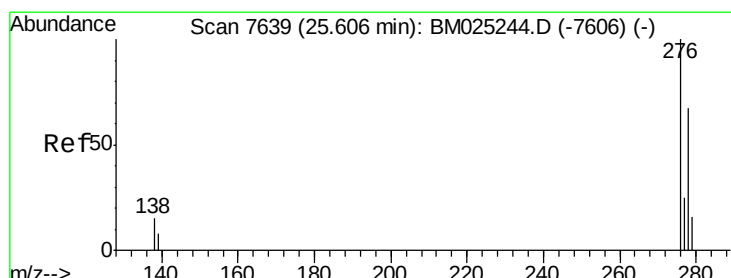
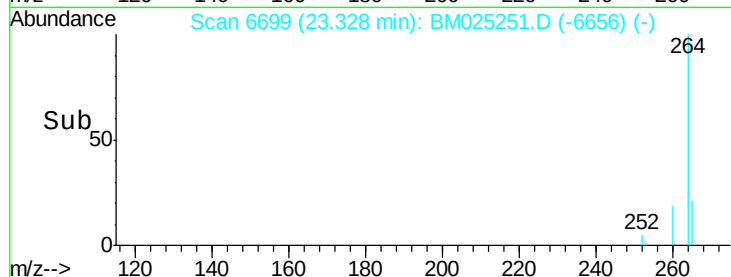
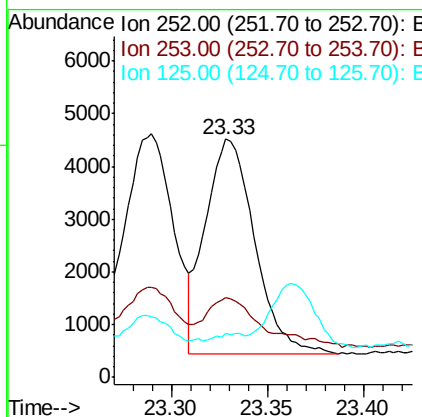
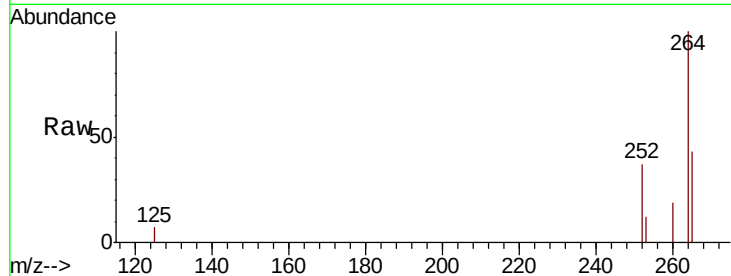
ClientSampleId :

DBD52

Tot Ion:	252	Resp:	7238
Ion Ratio	Lower	Upper	
252	100		
253	33.3	20.3	30.5#
125	18.5	13.0	19.4

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.114 ng/ul

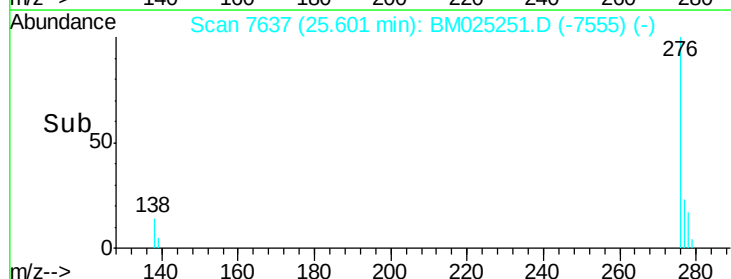
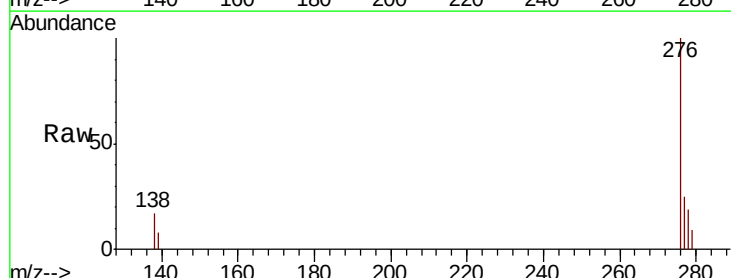
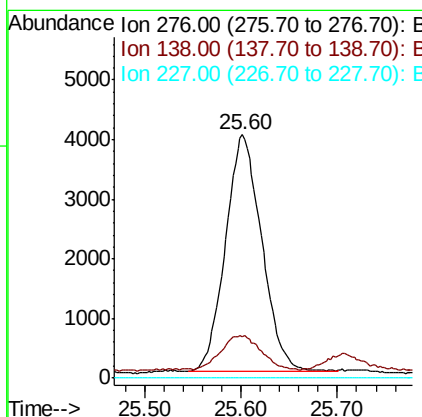
RT: 25.60 min Scan# 7637

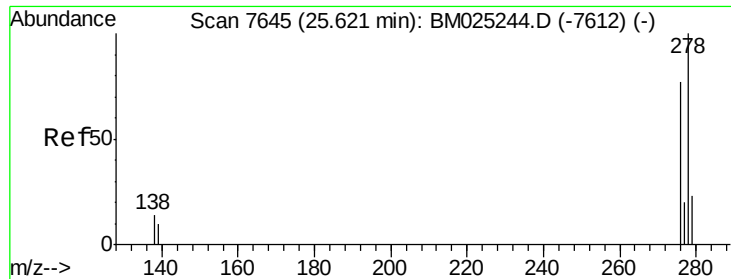
Delta R.T. -0.00 min

Lab File: BM025251.D

Acq: 04 Mar 2020 15:25

Tgt Ion:	276	Resp:	10427
Ion Ratio	Lower	Upper	
276	100		
138	16.0	0.0	0.0#
227	0.0	0.0	0.0





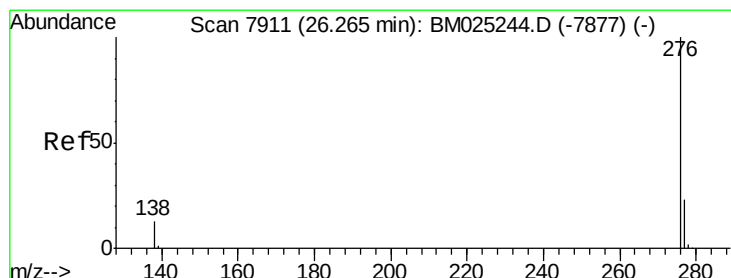
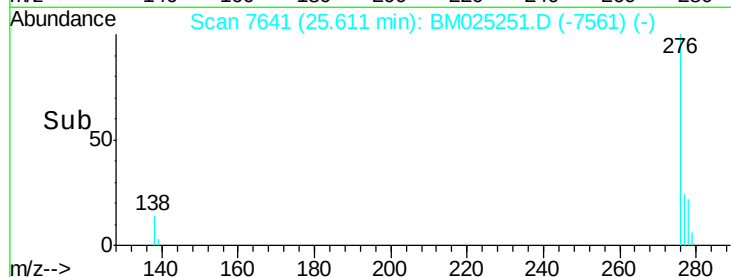
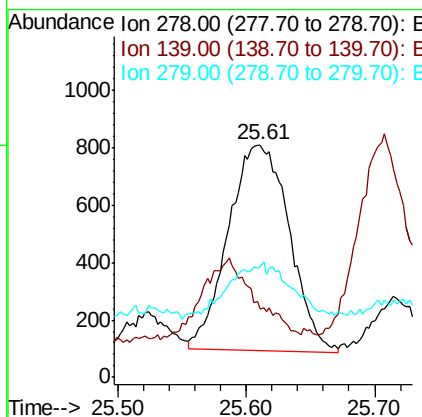
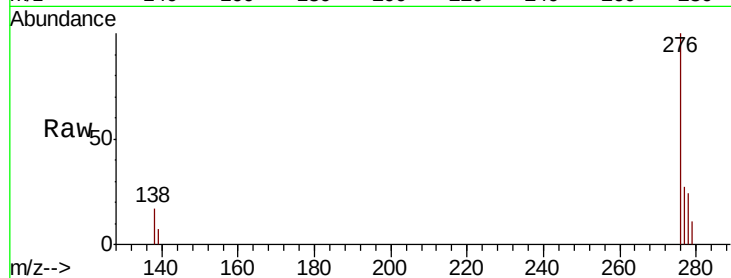
#25
Dibenzo(a,h)anthracene
Concen: 0.031 ng/ul
RT: 25.61 min Scan# 7641
Delta R.T. -0.01 min
Lab File: BM025251.D
Acq: 04 Mar 2020 15:25

Instrument :
BNA_M
ClientSampleId :
DBD52

Tot Ion	Ratio	Lower	Upper
278	100		
139	29.6	13.2	19.8#
279	47.7	21.0	31.4#

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#26
Benzo(g,h,i)perylene
Concen: 0.114 ng/ul
RT: 26.26 min Scan# 7911
Delta R.T. 0.00 min
Lab File: BM025251.D
Acq: 04 Mar 2020 15:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.6	17.9	26.9
277	26.2	20.5	30.7

