

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
 Data File : BM025236.D
 Acq On : 04 Mar 2020 06:16
 Operator : CG/JU
 Sample : L1516-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD79

Manual Integrations
 APPROVED

mohammad
 3/5/2020 7:56:27 AM

Quant Time: Mar 04 08:12:21 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	4680	0.40	ng/ul	0.00
2) Naphthalene-d8	10.44	136	19702	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	14272	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	33408m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	30506	0.40	ng/ul	0.00
20) Perylene-d12	23.42	264	28089	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	10258	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	29164	0.27	ng/ul	0.00
Target Compounds					Ovalue	
8) Acenaphthene	14.37	153	3884	0.075	ng/ul	99
9) Fluorene	15.36	166	4691	0.072	ng/ul	95
12) Phenanthrene	17.09	178	33041	0.307	ng/ul	96
13) Anthracene	17.18	178	2337	0.024	ng/ul#	92
15) Fluoranthene	19.11	202	34119	0.253	ng/ul	95
17) Pyrene	19.47	202	20540m	0.178	ng/ul	
18) Benzo(a)anthracene	21.22	228	3027	0.027	ng/ul	98
19) Chrysene	21.27	228	2641m	0.021	ng/ul	

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

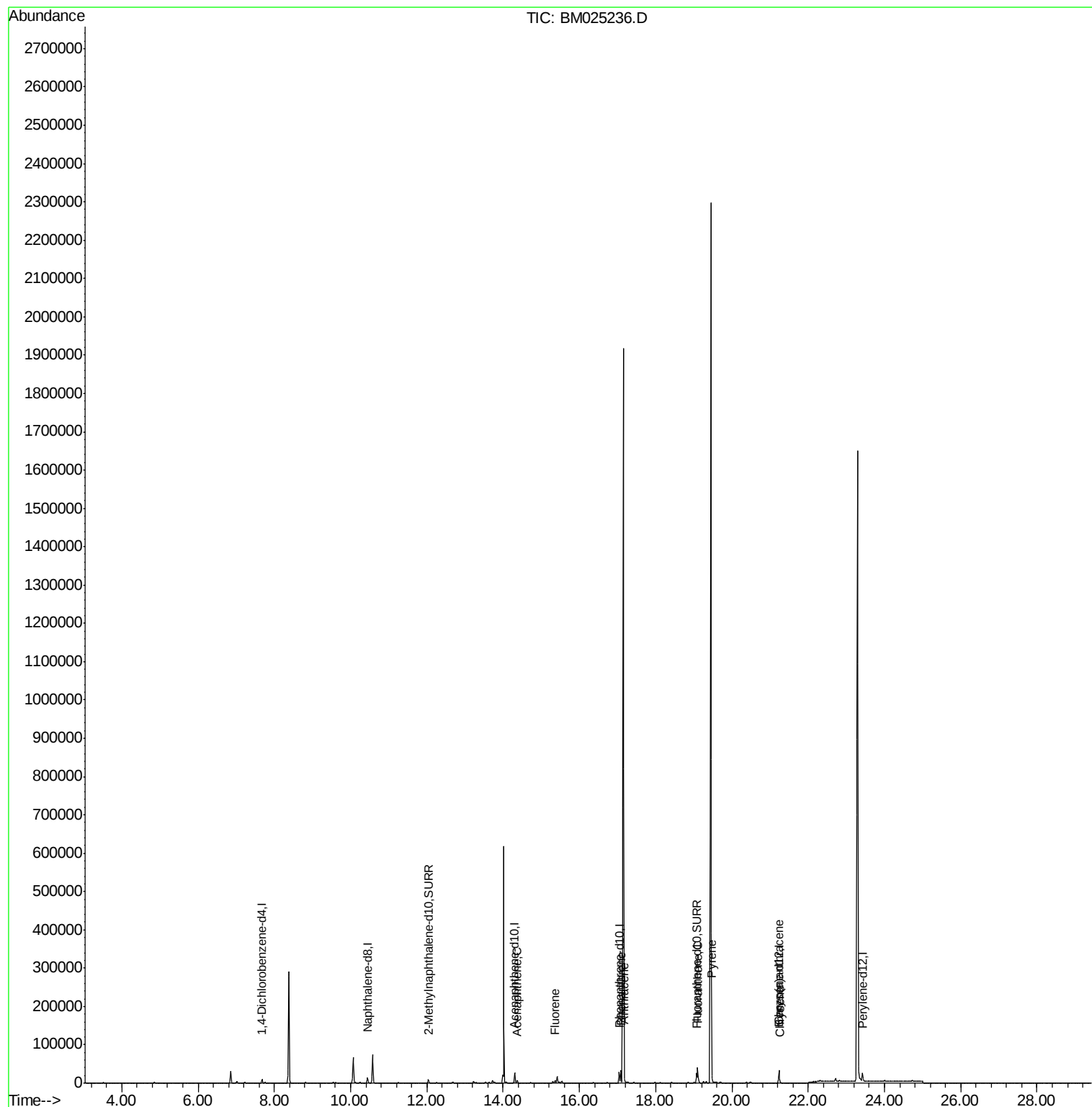
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025236.D
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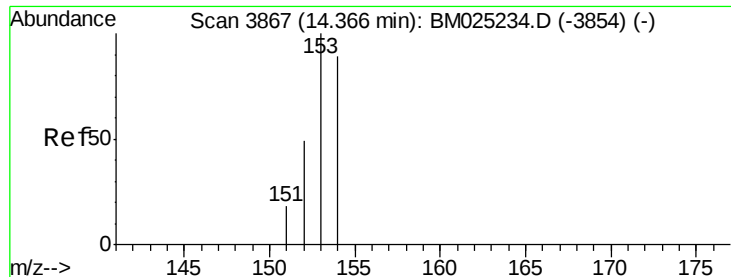
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#8

Acenaphthene

Concen: 0.075 ng/ul

RT: 14.37 min Scan# 3867

Delta R.T. -0.00 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

Instrument :

BNA_M

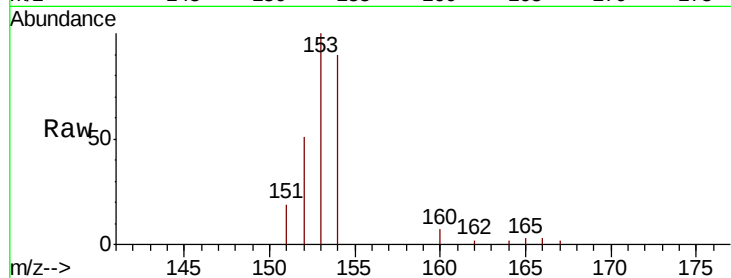
ClientSampleId :

DBD79

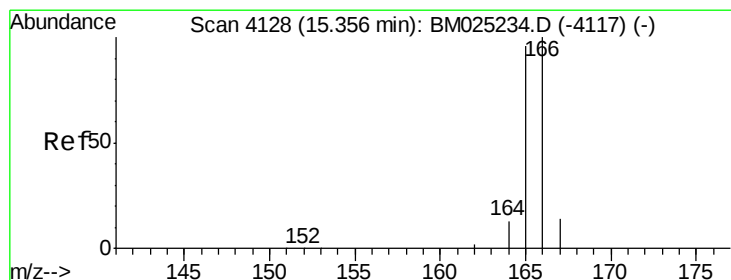
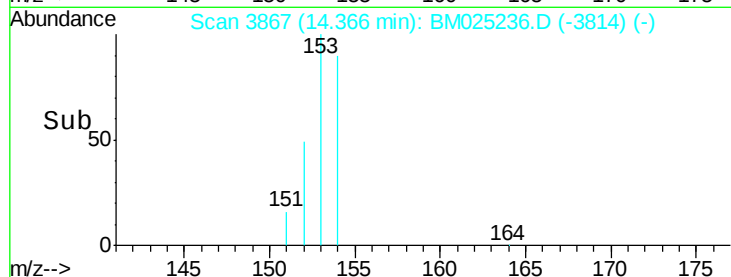
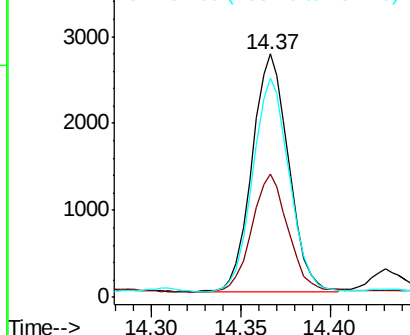
Tot Ion:	153	Resp:	3884
Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.0	60.0
154	90.1	71.0	106.6

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#9

Fluorene

Concen: 0.072 ng/ul

RT: 15.36 min Scan# 4128

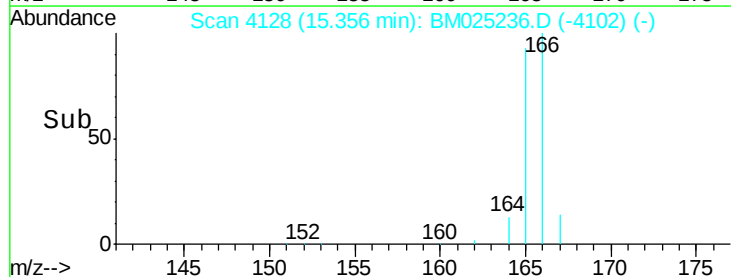
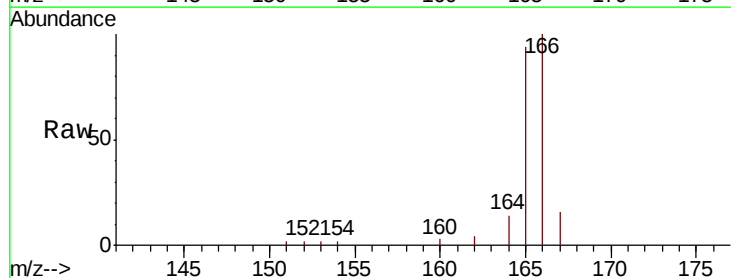
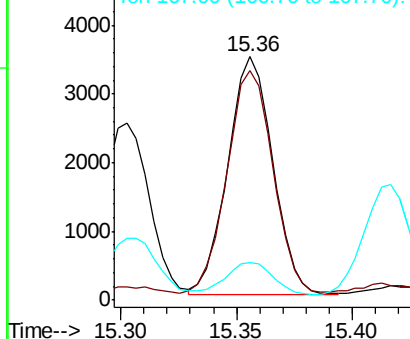
Delta R.T. -0.00 min

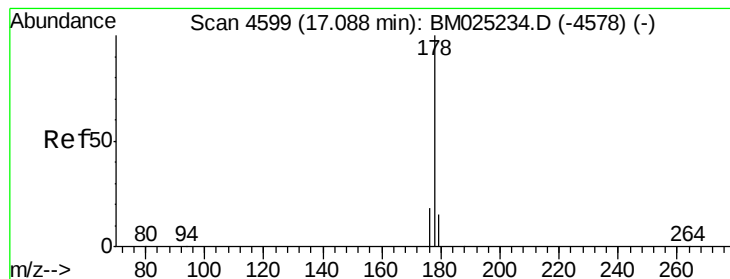
Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

Tgt Ion:	166	Resp:	4691
Ion	Ratio	Lower	Upper
166	100		
165	94.5	80.0	120.0
167	15.6	13.7	20.5

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.307 ng/ul

RT: 17.09 min Scan# 4599

Delta R.T. -0.00 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

Instrument :

BNA_M

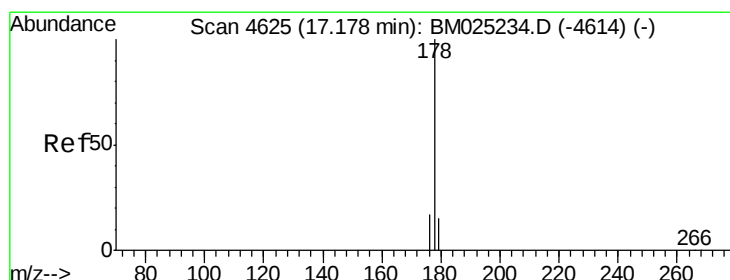
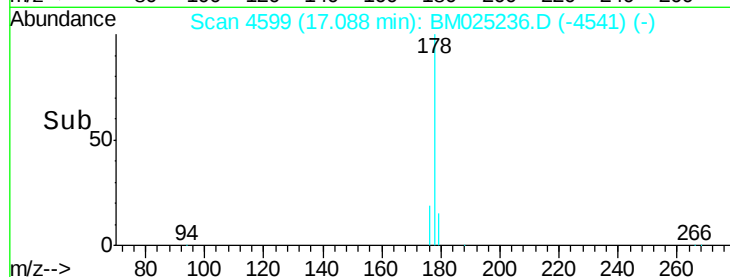
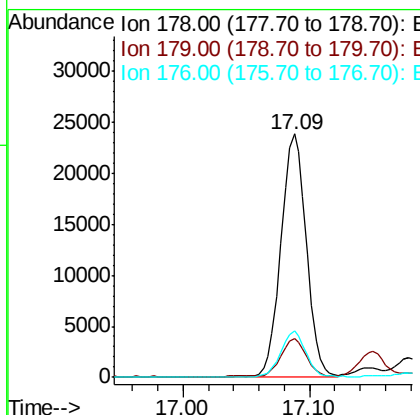
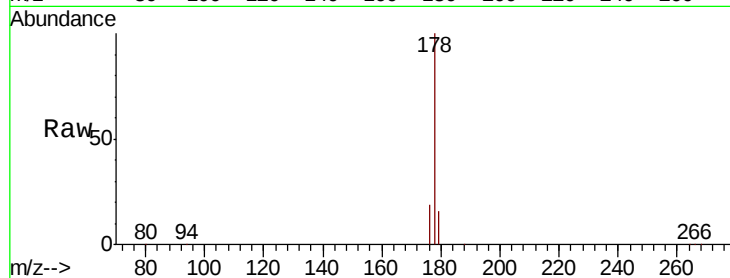
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
178	100		
179	15.8	14.0	21.0
176	18.9	16.6	24.8

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#13

Anthracene

Concen: 0.024 ng/ul

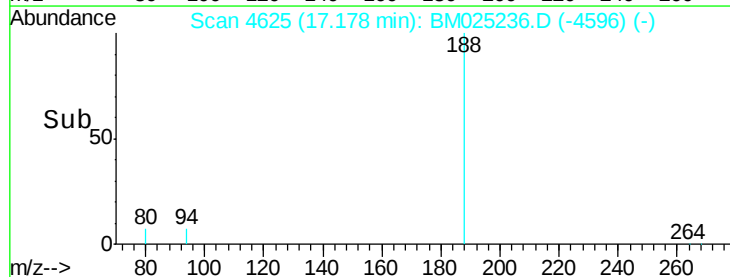
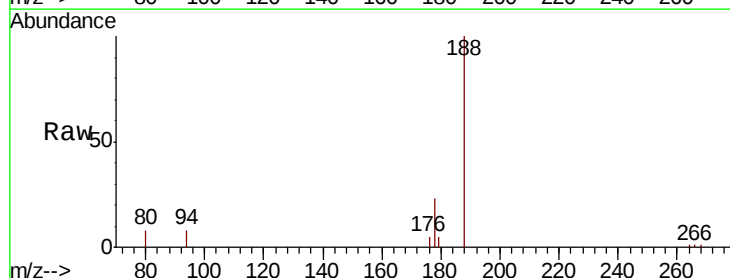
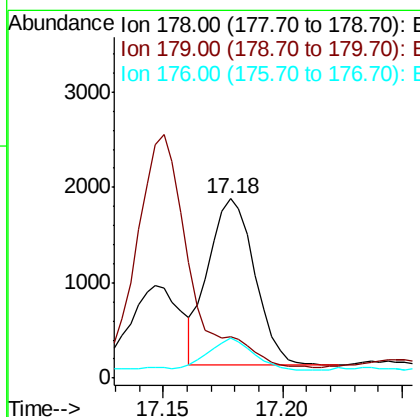
RT: 17.18 min Scan# 4625

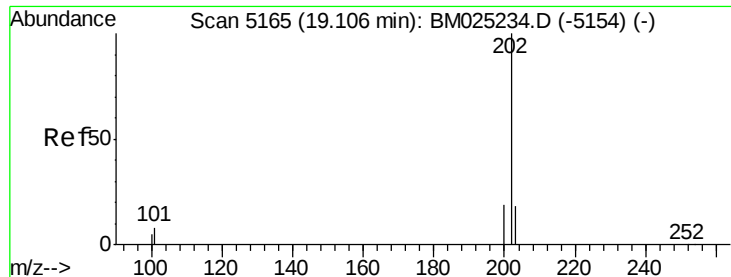
Delta R.T. -0.00 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

Tgt Ion	Ratio	Lower	Upper
178	100		
179	22.8	14.1	21.1#
176	22.1	16.2	24.4





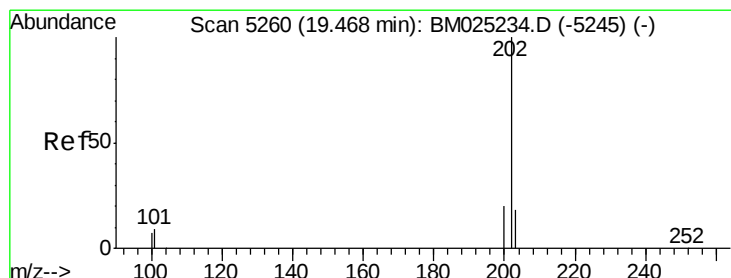
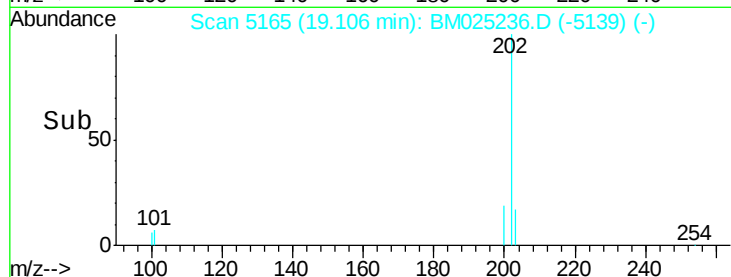
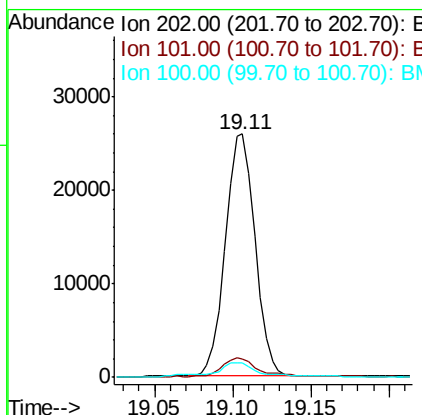
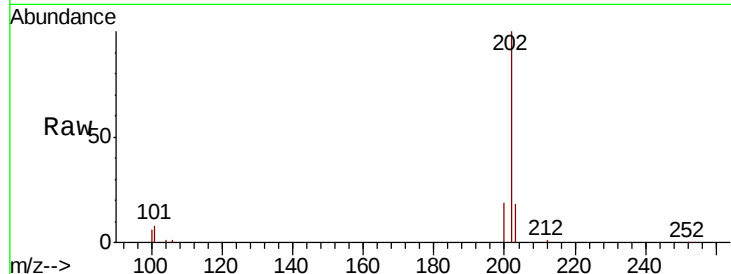
#15
Fluoranthene
Concen: 0.253 ng/ul
RT: 19.11 min Scan# 5165
Delta R.T. 0.00 min
Lab File: BM025236.D
Acq: 04 Mar 2020 06:16

Instrument :
BNA_M
ClientSampleId :
DBD79

Tot Ion	Ratio	Resp	Lower	Upper
202	100	34119		
101	7.7	0.0	29.4	
100	5.9	0.0	28.0	

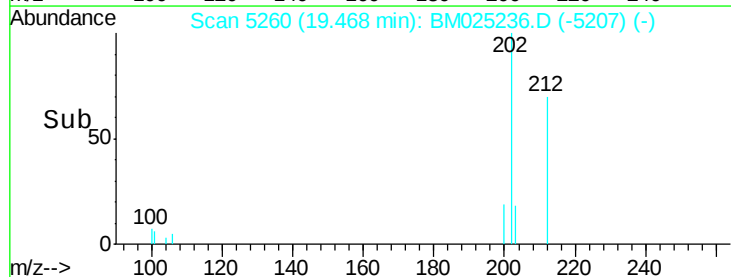
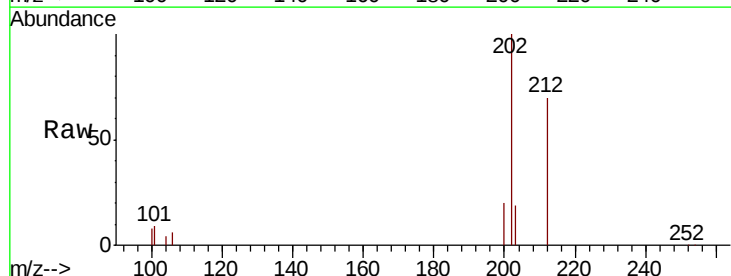
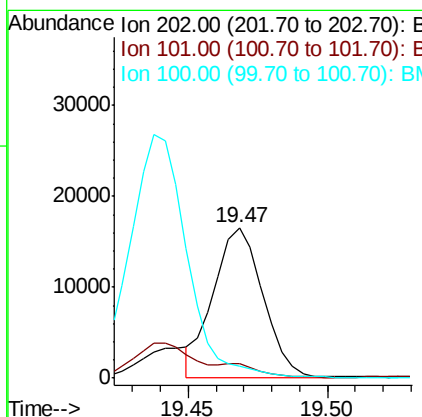
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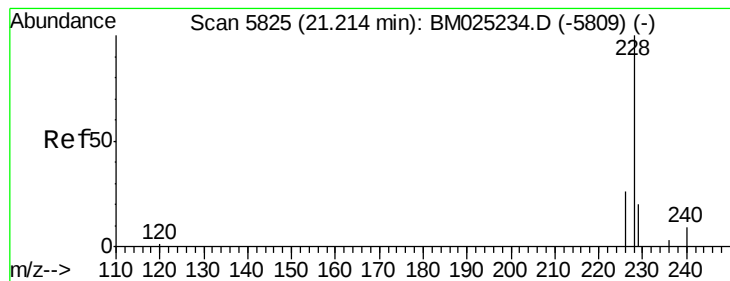
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#17
Pyrene
Concen: 0.178 ng/ul m
RT: 19.47 min Scan# 5260
Delta R.T. 0.00 min
Lab File: BM025236.D
Acq: 04 Mar 2020 06:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	20540		
101	9.3	8.7	13.1	
100	8.3	7.3	10.9	





#18

Benzo(a)anthracene

Concen: 0.027 ng/ul

RT: 21.22 min Scan# 5826

Delta R.T. 0.00 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

Instrument :

BNA_M

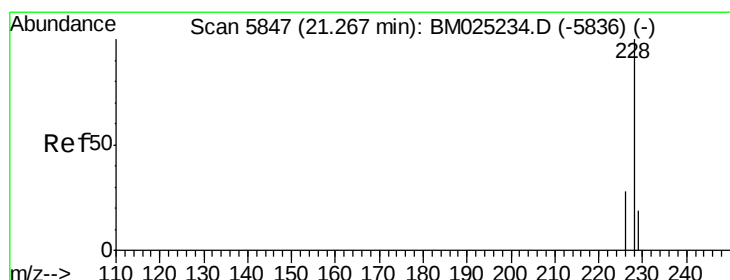
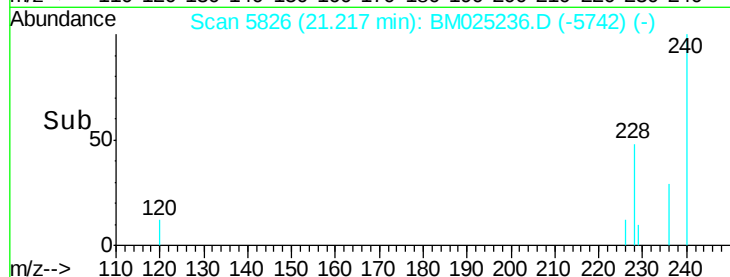
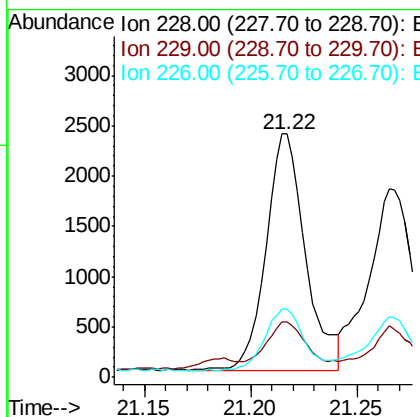
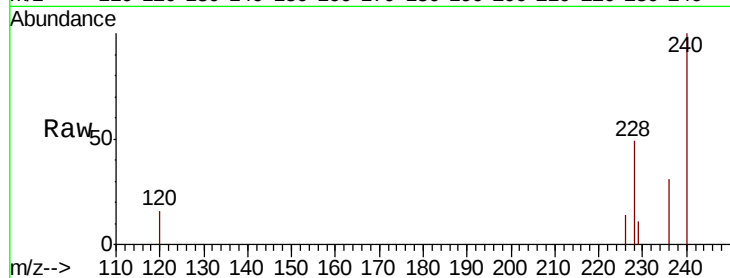
ClientSampleId :

DBD79

Tot Ion:228	Resp:	3027
Ion Ratio	Lower	Upper
228 100		
229 22.7	16.6	25.0
226 28.0	21.9	32.9

Manual Integrations
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#19

Chrysene

Concen: 0.021 ng/ul m

RT: 21.27 min Scan# 5846

Delta R.T. -0.00 min

Lab File: BM025236.D

Acq: 04 Mar 2020 06:16

Tgt Ion:228	Resp:	2641
Ion Ratio	Lower	Upper
228 100		
226 31.9	23.8	35.8
229 27.1	16.9	25.3#

