

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025045.D
 Acq On : 25 Feb 2020 15:50
 Operator : CG/JU
 Sample : L1486-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCW2

Manual Integrations
 APPROVED

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 2/26/2020 6:48:44 AM

Quant Time: Feb 25 16:30:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 25 11:03:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	3094	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	12523	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	8450	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	18846m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	20126	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	23088	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	5768	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	16281	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.52	128	1220	0.032	ng/ul#	90
5) 2-Methylnaphthalene	12.14	142	1027	0.037	ng/ul	99
8) Acenaphthene	14.39	153	15094	0.461	ng/ul	99
9) Fluorene	15.37	166	46967	1.143	ng/ul	96
12) Phenanthrene	17.11	178	22145	0.334	ng/ul	96
13) Anthracene	17.20	178	19088	0.297	ng/ul	96
15) Fluoranthene	19.13	202	142389	1.479	ng/ul	96
17) Pyrene	19.49	202	74565	0.822	ng/ul	98
18) Benzo(a)anthracene	21.24	228	8628	0.099	ng/ul	99
19) Chrysene	21.29	228	9407	0.109	ng/ul	98

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

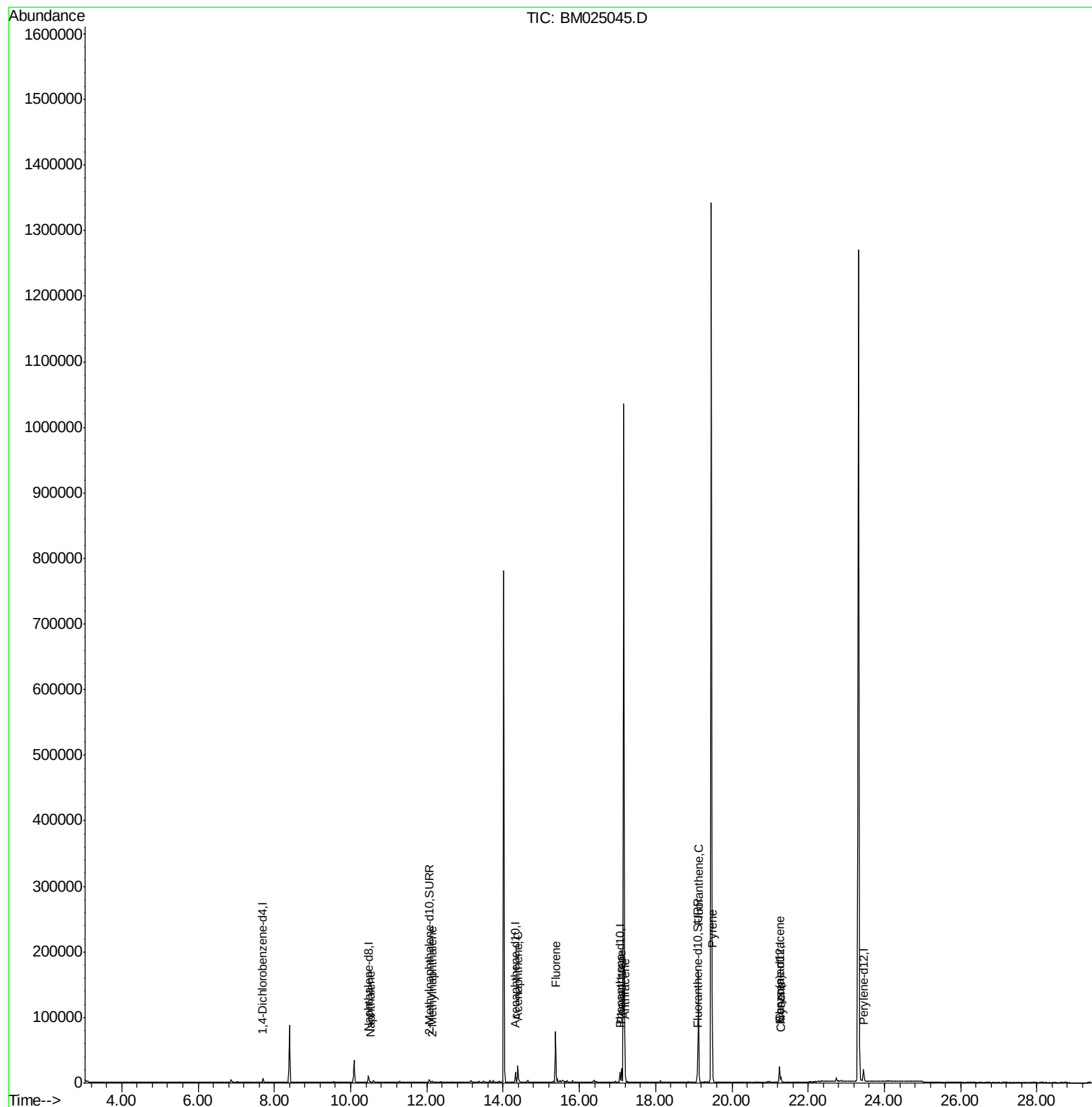
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025045.D
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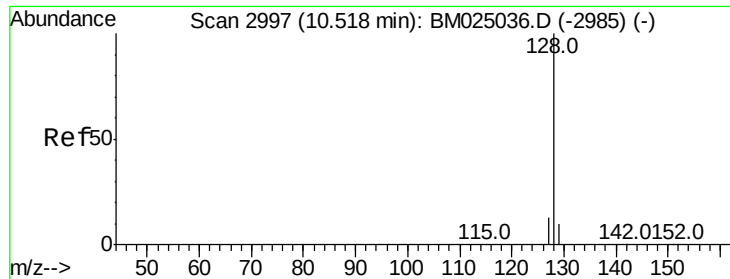
Instrument :
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#3

Naphthalene

Concen: 0.032 ng/ul

RT: 10.52 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BM025045.D

Acq: 25 Feb 2020 15:50

Instrument :

BNA_M

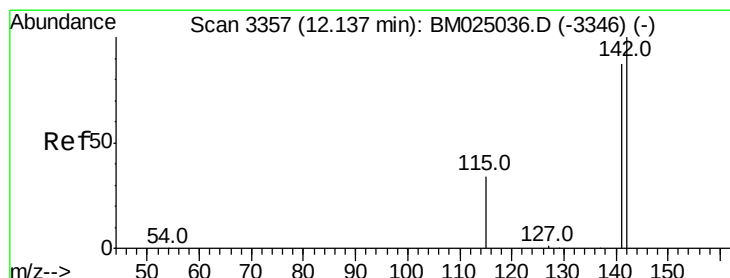
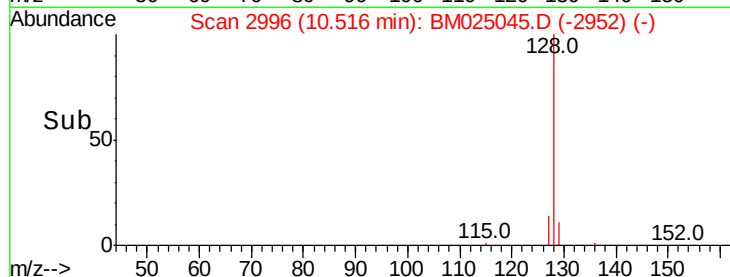
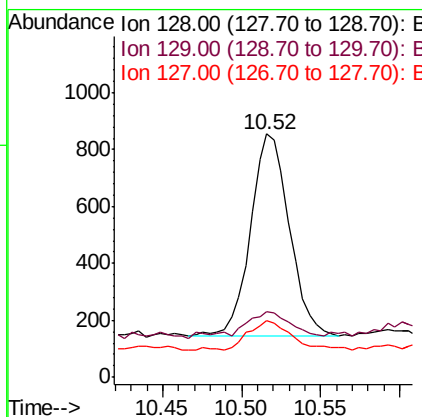
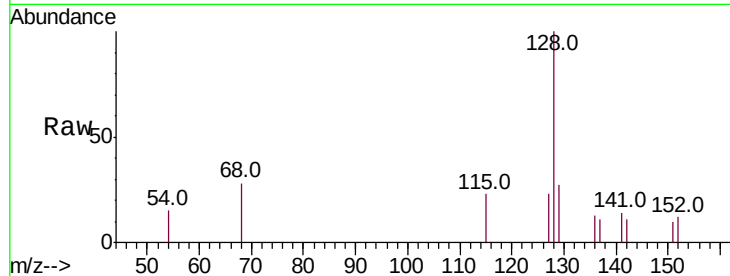
ClientSampled :

DBCW2

Tot Ion:	128	Resp:	1220
Ion Ratio	Lower	Upper	
128	100		
129	26.9	17.0	25.6#
127	23.1	15.7	23.5

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#5

2-Methylnaphthalene

Concen: 0.037 ng/ul

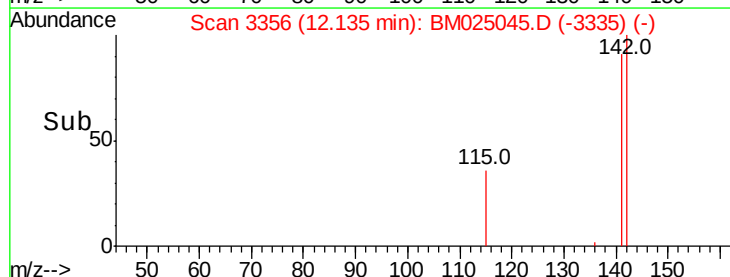
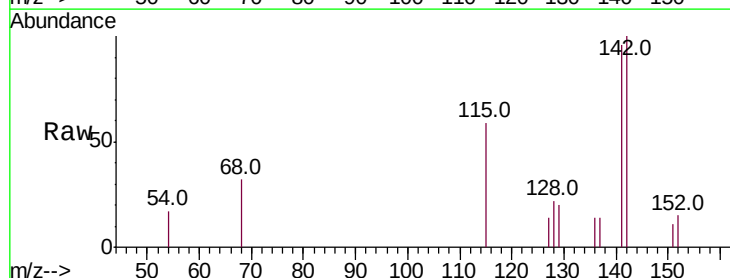
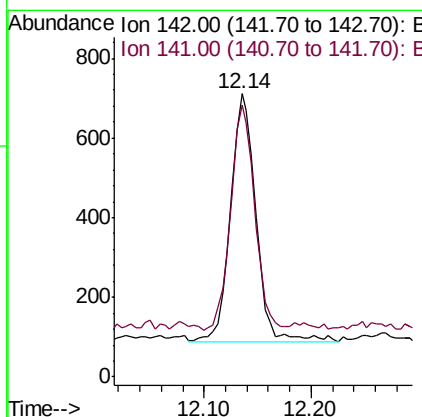
RT: 12.14 min Scan# 3356

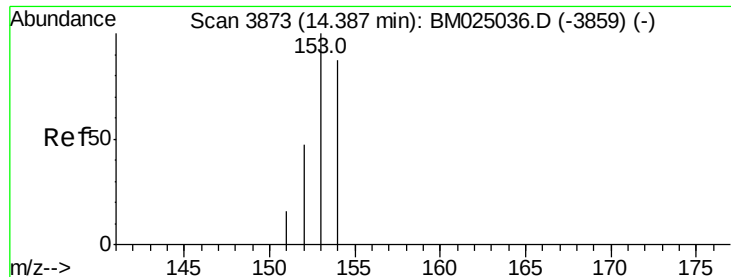
Delta R.T. -0.01 min

Lab File: BM025045.D

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Tgt Ion:	142	Resp:	1027
Ion Ratio	Lower	Upper	
142	100		
141	86.7	69.8	104.8





#8

Acenaphthene

Concen: 0.461 ng/ul

RT: 14.39 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM025045.D

Acq: 25 Feb 2020 15:50

Instrument :

BNA_M

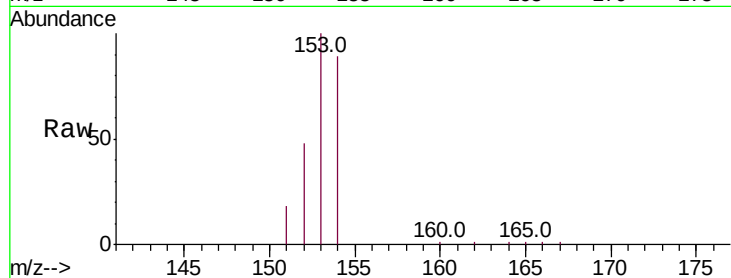
ClientSampleId :

DBCW2

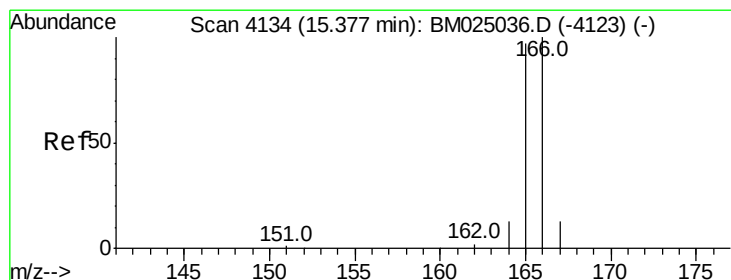
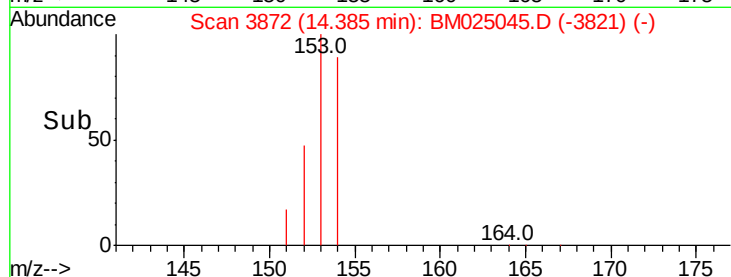
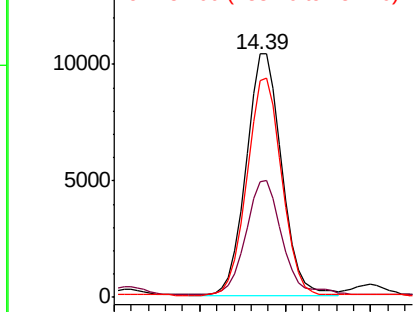
Tot Ion:	153	Resp:	15094
Ion	Ratio	Lower	Upper
153	100		
152	47.5	40.0	60.0
154	89.0	71.0	106.6

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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: 1.143 ng/ul

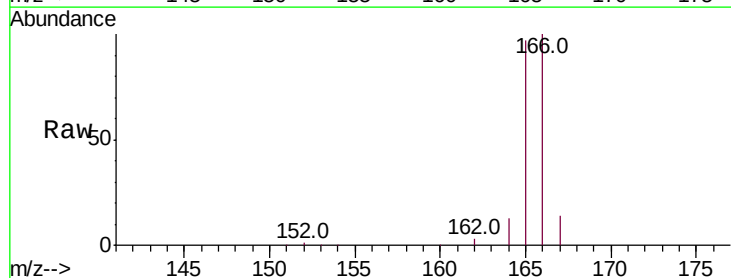
RT: 15.37 min Scan# 4133

Delta R.T. -0.01 min

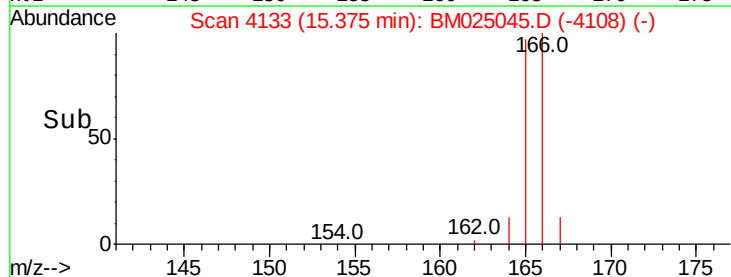
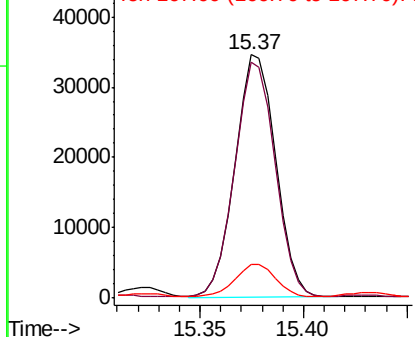
Lab File: BM025045.D

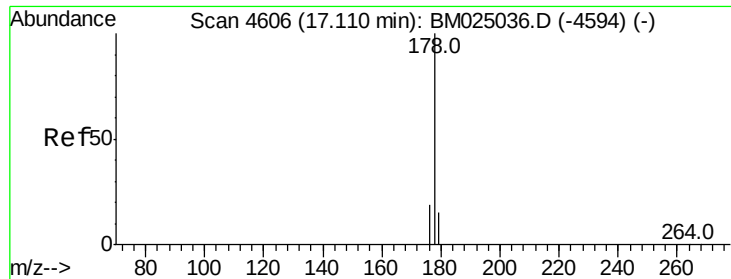
Acq: 25 Feb 2020 15:50

Tgt Ion:	166	Resp:	46967
Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	13.7	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: 0.334 ng/ul

RT: 17.11 min Scan# 4605

Delta R.T. -0.00 min

Lab File: BM025045.D

Acq: 25 Feb 2020 15:50

Instrument :

BNA_M

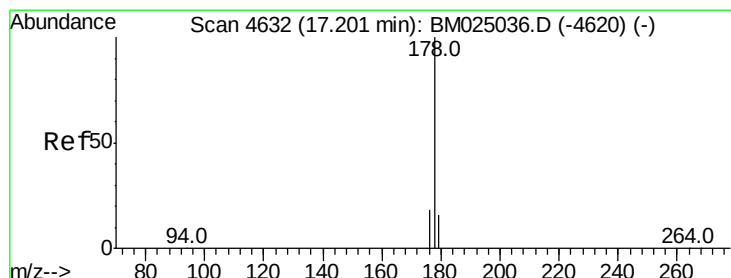
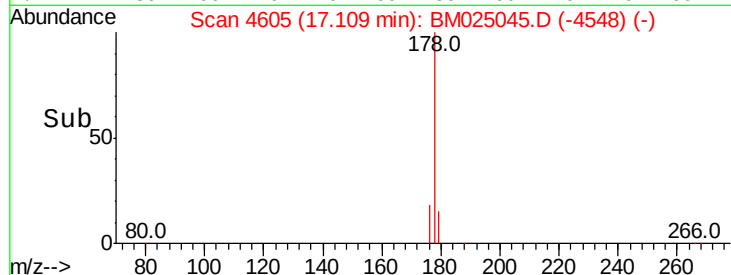
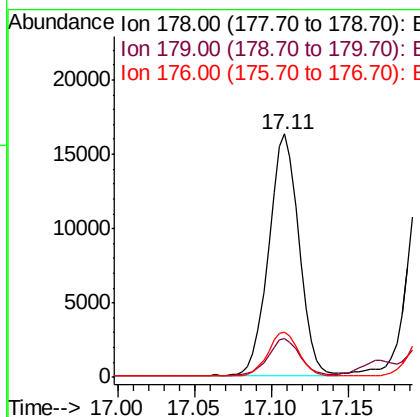
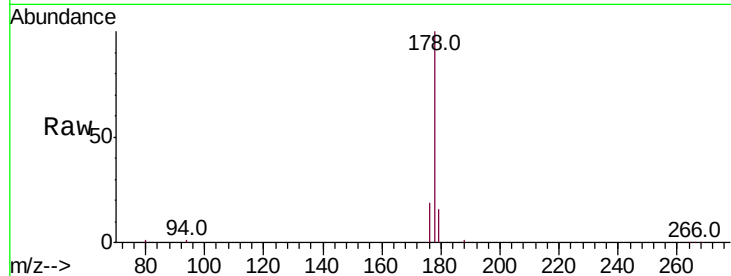
ClientSampleId :

DBCW2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.0	21.0
176	18.7	16.6	24.8

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#13

Anthracene

Concen: 0.297 ng/ul

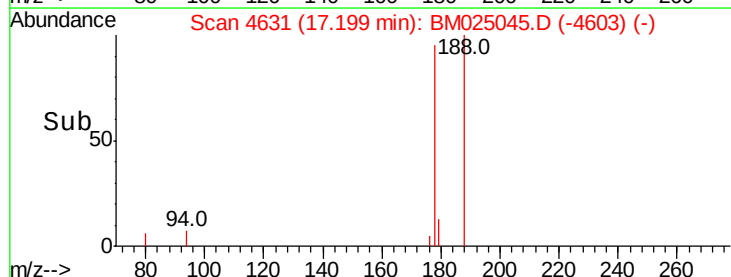
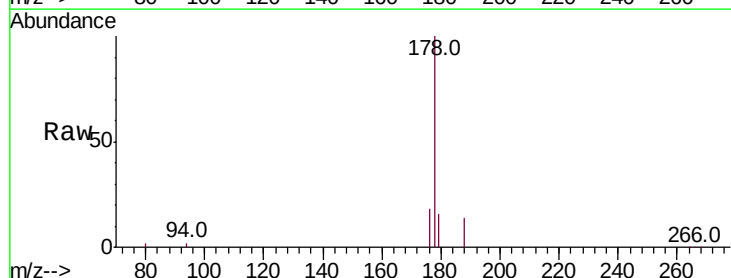
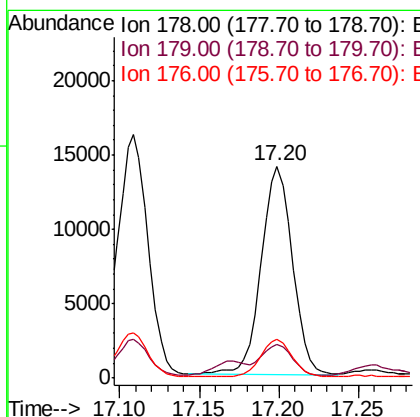
RT: 17.20 min Scan# 4631

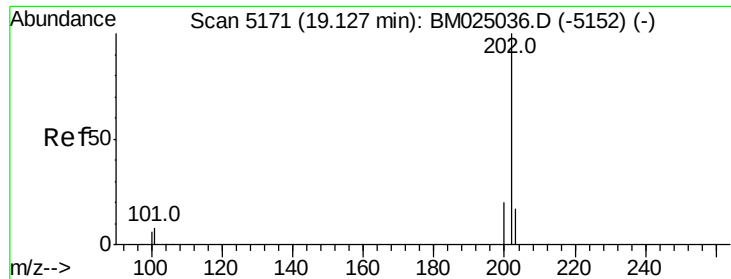
Delta R.T. -0.00 min

Lab File: BM025045.D

Acq: 25 Feb 2020 15:50

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	14.1	21.1
176	18.1	16.2	24.4





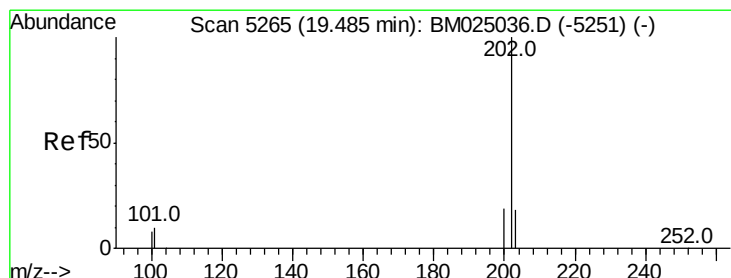
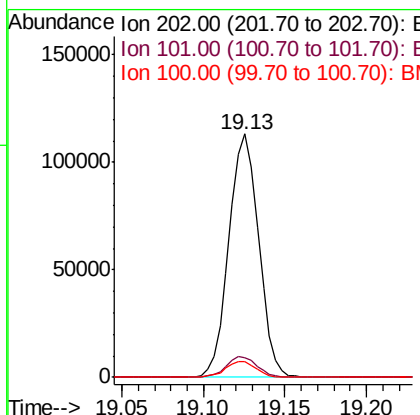
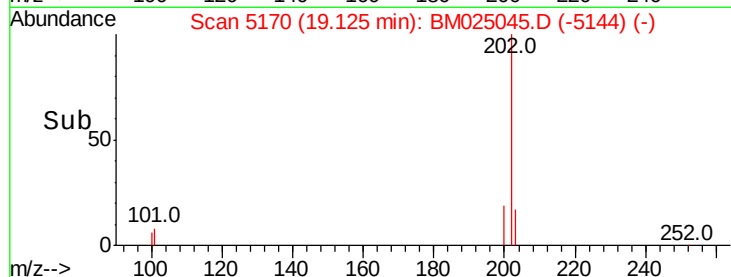
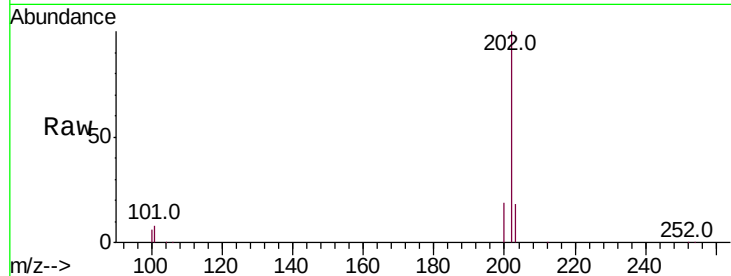
#15
Fluoranthene
Concen: 1.479 ng/ul
RT: 19.13 min Scan# 5170
Delta R.T. -0.00 min
Lab File: BM025045.D
Acq: 25 Feb 2020 15:50

Instrument :
BNA_M
ClientSampleId :
DBCW2

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	0.0	29.4
100	6.3	0.0	28.0

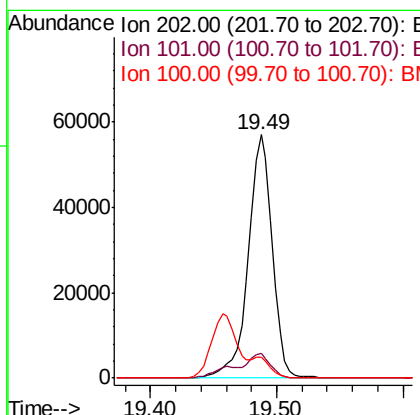
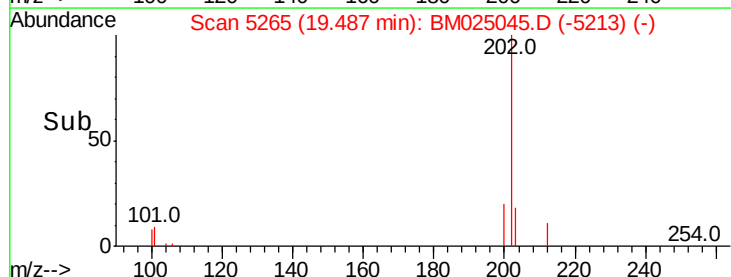
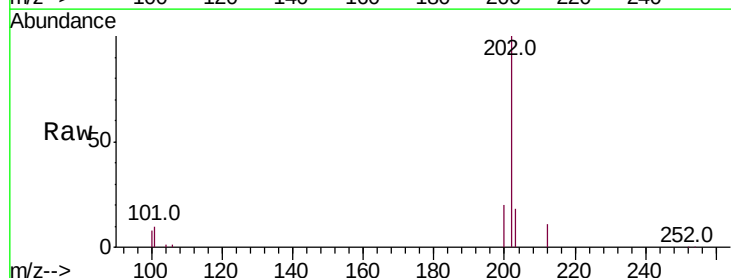
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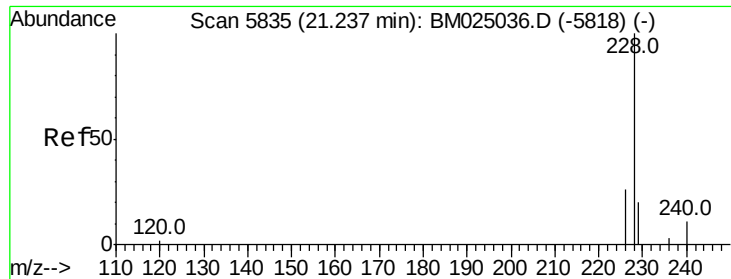
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#17
Pyrene
Concen: 0.822 ng/ul
RT: 19.49 min Scan# 5265
Delta R.T. -0.00 min
Lab File: BM025045.D
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	8.7	13.1
100	8.4	7.3	10.9





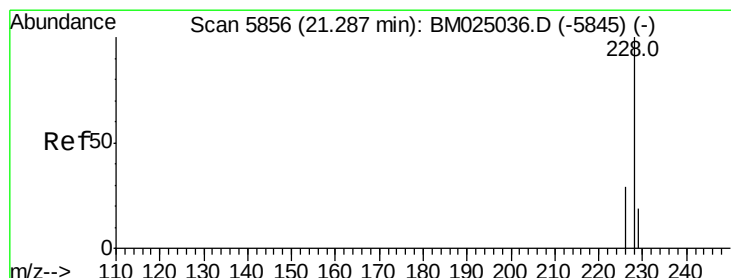
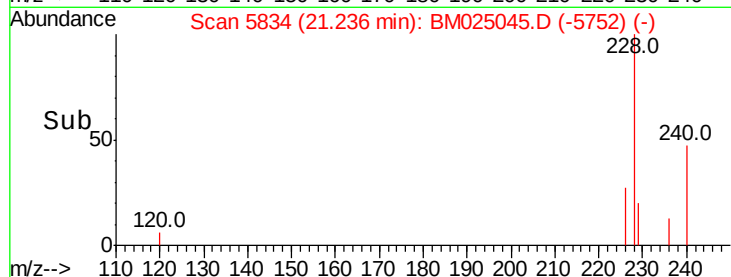
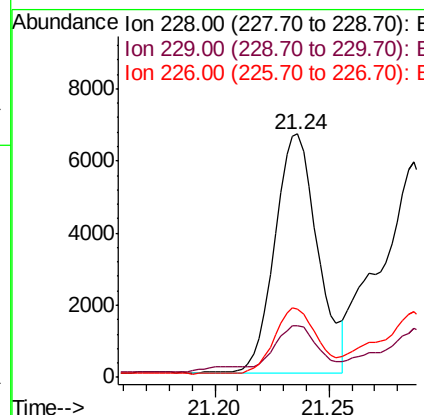
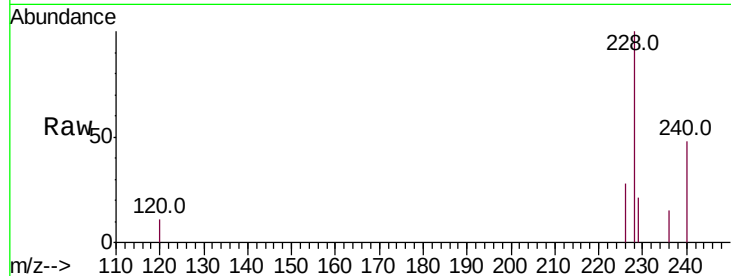
#18
Benzo(a)anthracene
Concen: 0.099 ng/ul
RT: 21.24 min Scan# 5834
Delta R.T. -0.00 min
Lab File: BM025045.D
Acq: 25 Feb 2020 15:50

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	28.3	21.9	32.9

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#19
Chrysene
Concen: 0.109 ng/ul
RT: 21.29 min Scan# 5855
Delta R.T. -0.00 min
Lab File: BM025045.D
Acq: 25 Feb 2020 15:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	22.6	16.9	25.3

