

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
 Data File : BM025043.D
 Acq On : 25 Feb 2020 14:37
 Operator : CG/JU
 Sample : L1486-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBCT9

Manual Integrations
 APPROVED

mohammad
 2/26/2020 6:48:31 AM

Quant Time: Feb 25 15:13:40 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	2743	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	11031	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	7331	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	16684m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	17537	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	19880	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	5034	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14609	0.26	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.52	128	33222	0.989	ng/ul#	83
5) 2-Methylnaphthalene	12.14	142	584	0.024	ng/ul	92
7) Acenaphthylene	14.04	152	2734	0.065	ng/ul#	79
8) Acenaphthene	14.39	153	514480	18.116	ng/ul	97
9) Fluorene	15.38	166	510083	14.314	ng/ul	95
12) Phenanthrene	17.11	178	34400	0.586	ng/ul	96
13) Anthracene	17.20	178	2229	0.039	ng/ul#	84
15) Fluoranthene	19.13	202	1890	0.022	ng/ul	83

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

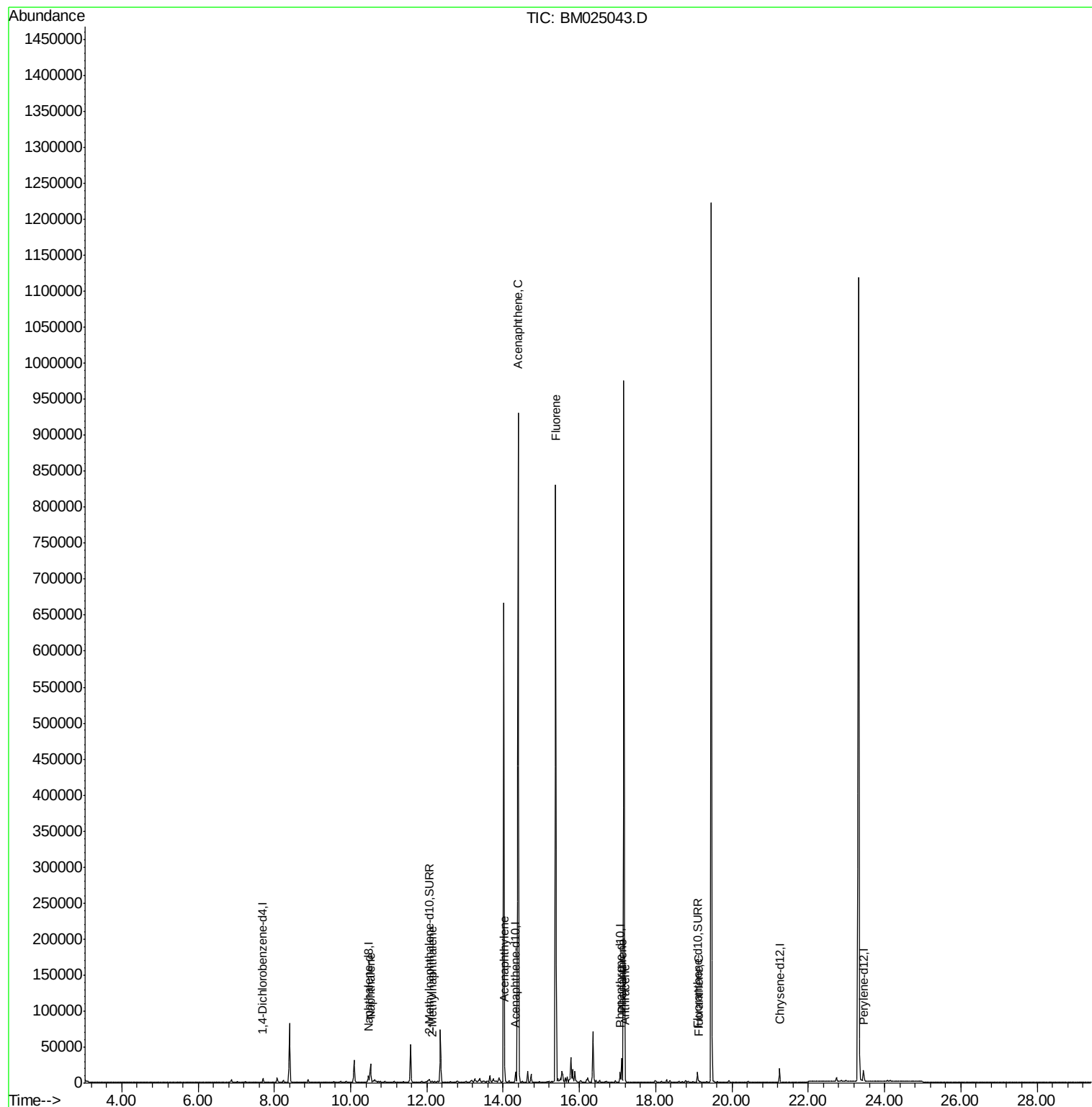
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
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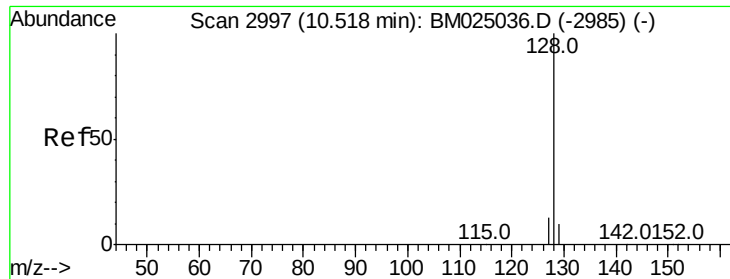
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#3

Naphthalene

Concen: 0.989 ng/ul

RT: 10.52 min Scan# 2997

Delta R.T. 0.00 min

Lab File: BM025043.D

Acq: 25 Feb 2020 14:37

Instrument :

BNA_M

ClientSampleId :

DBCT9

Tot Ion:128 Resp: 33222

Ion Ratio Lower Upper

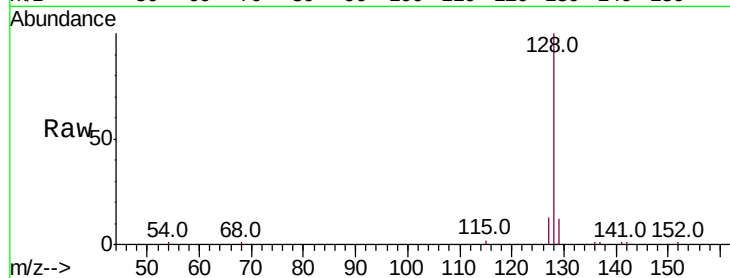
128 100

129 11.7 17.0 25.6#

127 13.4 15.7 23.5#

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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

25000

20000

15000

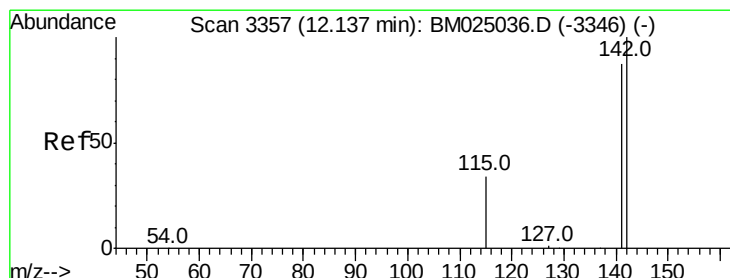
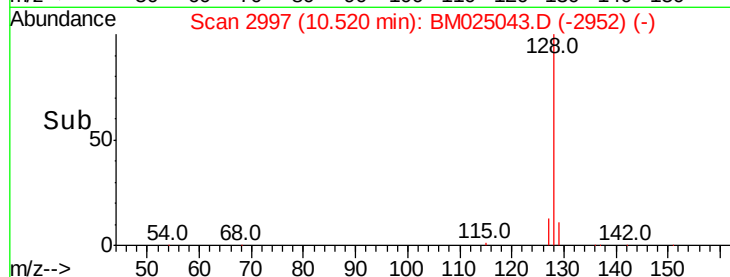
10000

5000

0

10.45 10.50 10.55 10.60

Time-->



#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

RT: 12.14 min Scan# 3357

Delta R.T. -0.00 min

Lab File: BM025043.D

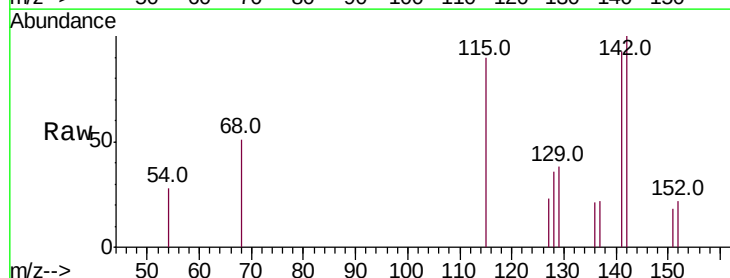
Acq: 25 Feb 2020 14:37

Tgt Ion:142 Resp: 584

Ion Ratio Lower Upper

142 100

141 94.5 69.8 104.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

500

400

300

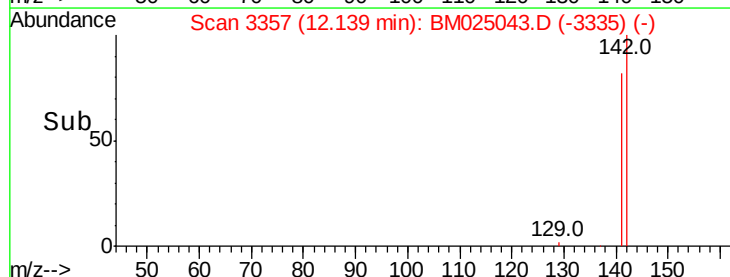
200

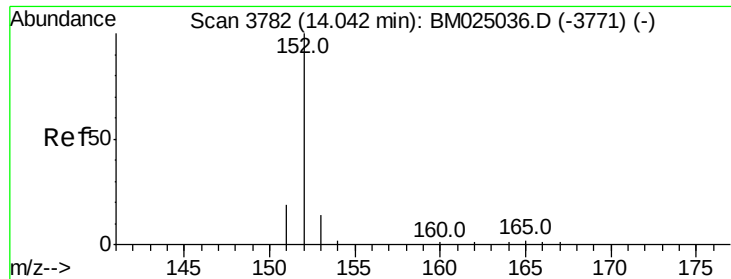
100

0

12.05 12.10 12.15 12.20

Time-->





#7

Acenaphthylene

Concen: 0.065 ng/ul

RT: 14.04 min Scan# 3782

Delta R.T. -0.00 min

Lab File: BM025043.D

Acq: 25 Feb 2020 14:37

Instrument :

BNA_M

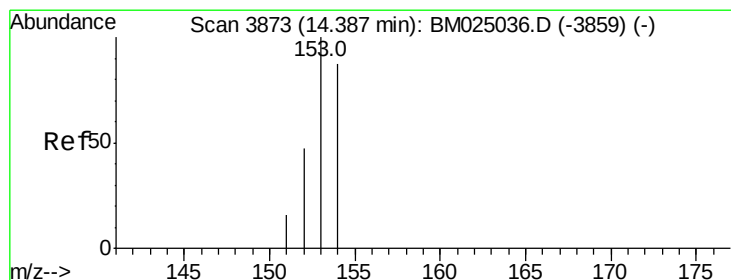
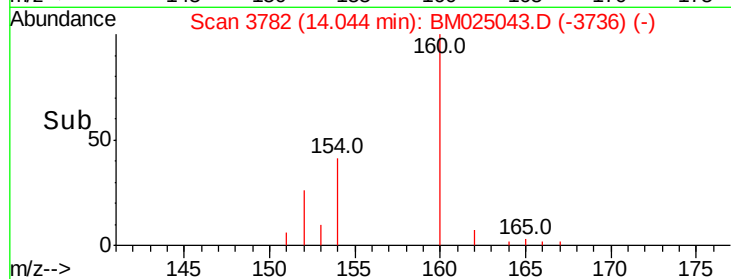
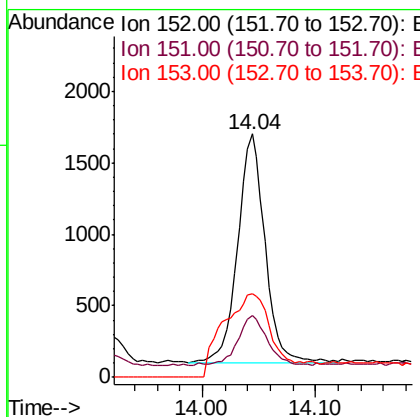
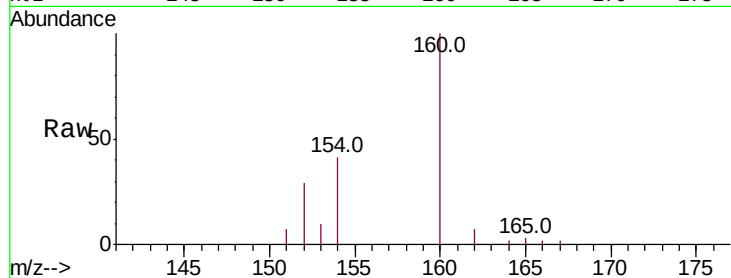
ClientSampleId :

DBCT9

Tot Ion:	152	Resp:	2734
Ion Ratio	Lower	Upper	
152	100		
151	25.4	17.8	26.8
153	34.1	13.3	19.9#

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#8

Acenaphthene

Concen: 18.116 ng/ul

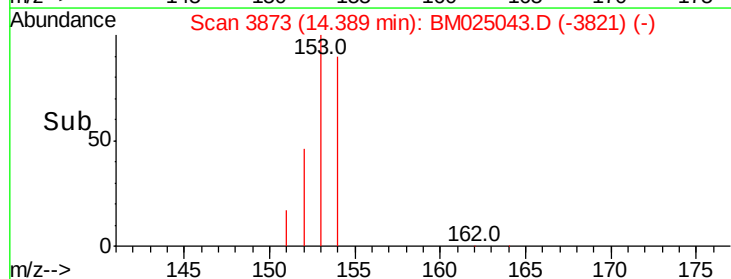
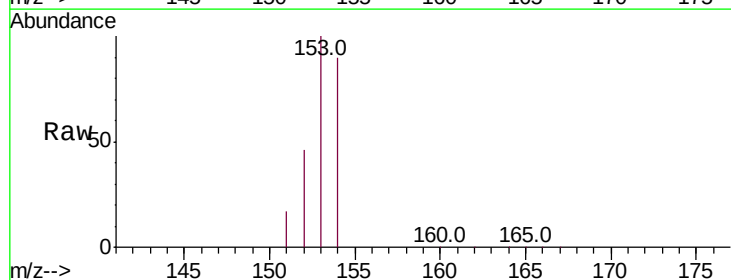
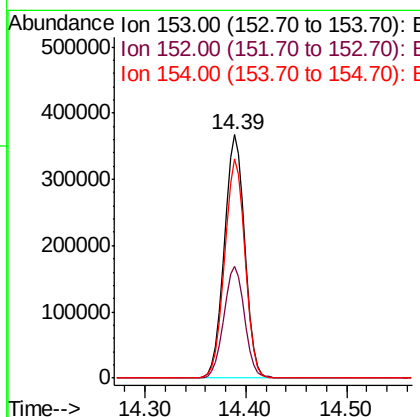
RT: 14.39 min Scan# 3873

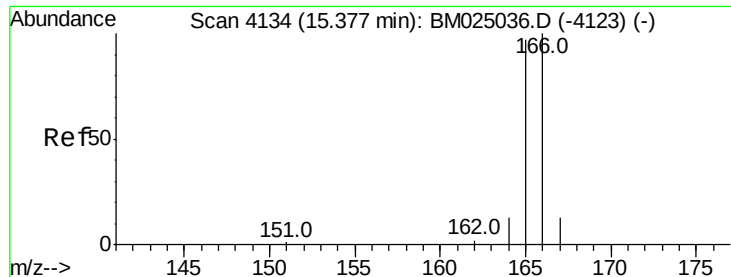
Delta R.T. -0.00 min

Lab File: BM025043.D

Acq: 25 Feb 2020 14:37

Tgt Ion:	153	Resp:	514480
Ion Ratio	Lower	Upper	
153	100		
152	46.1	40.0	60.0
154	90.0	71.0	106.6





#9

Fluorene

Concen: 14.314 ng/ul

RT: 15.38 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BM025043.D

Acq: 25 Feb 2020 14:37

Instrument :

BNA_M

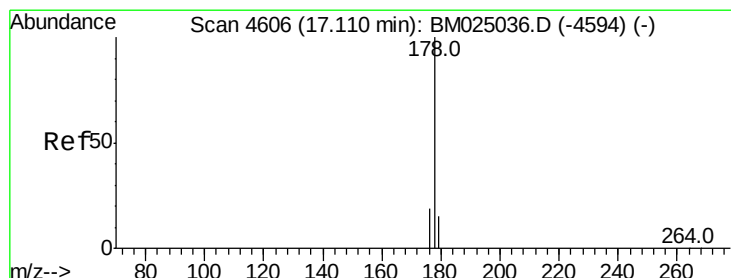
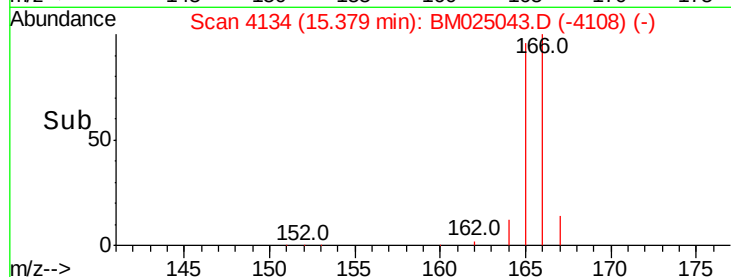
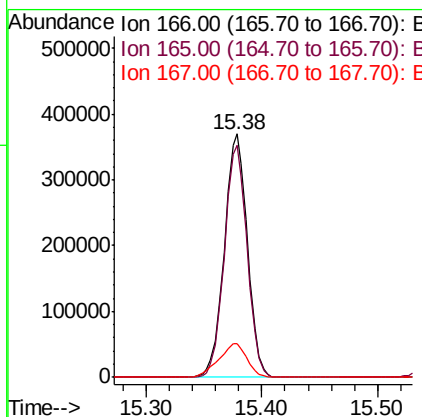
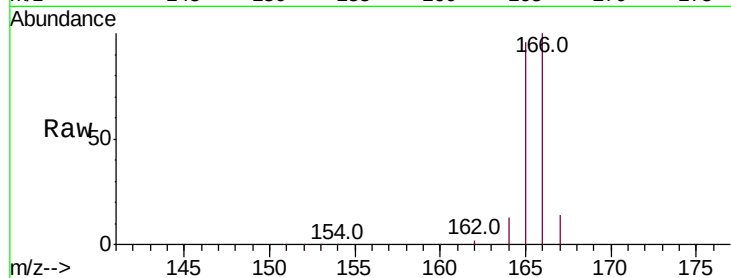
ClientSampled :

DBCT9

Tot Ion:	166	Resp:	510083
Ion Ratio	Lower	Upper	
166	100		
165	95.6	80.0	120.0
167	13.8	13.7	20.5

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#12

Phenanthrene

Concen: 0.586 ng/ul

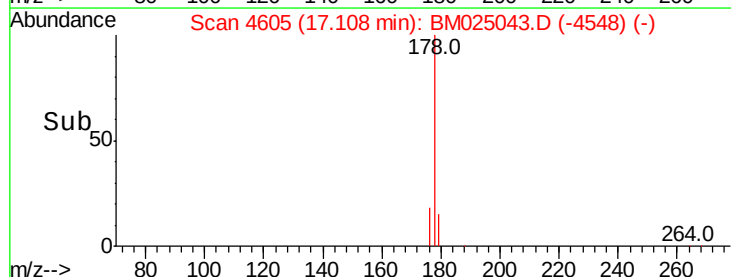
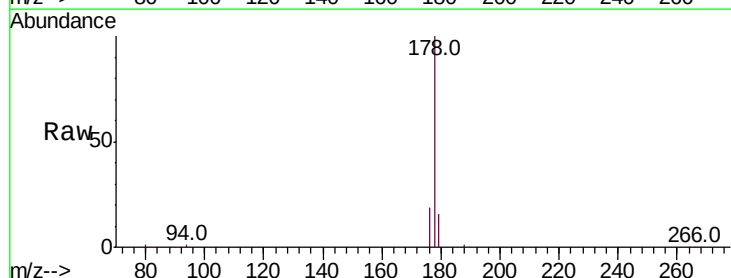
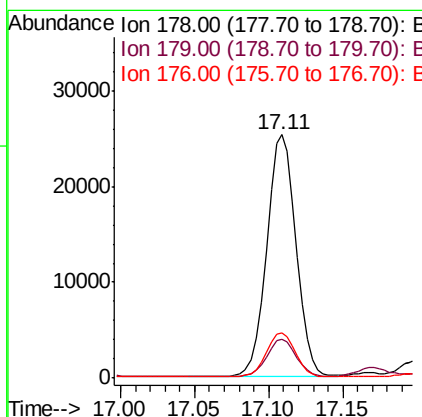
RT: 17.11 min Scan# 4605

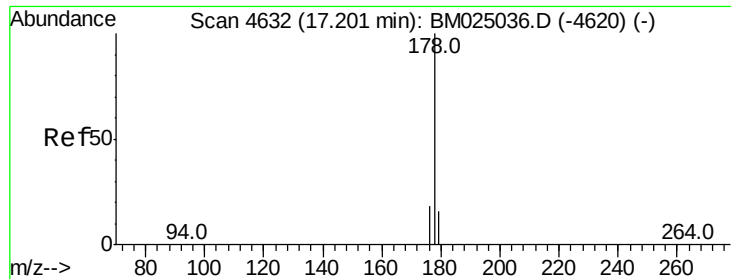
Delta R.T. -0.00 min

Lab File: BM025043.D

Acq: 25 Feb 2020 14:37

Tgt Ion:	178	Resp:	34400
Ion Ratio	Lower	Upper	
178	100		
179	16.0	14.0	21.0
176	18.8	16.6	24.8





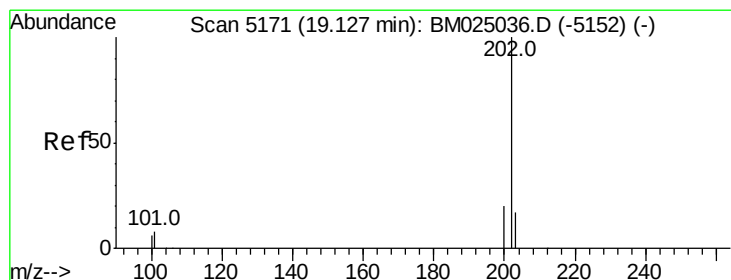
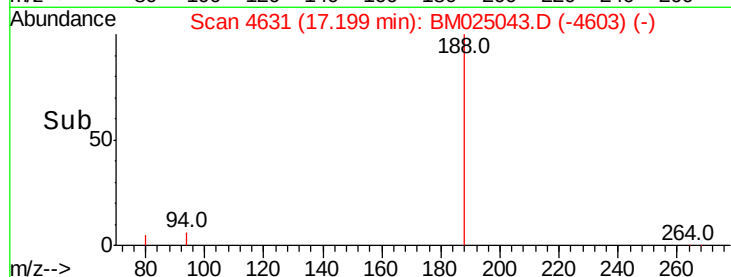
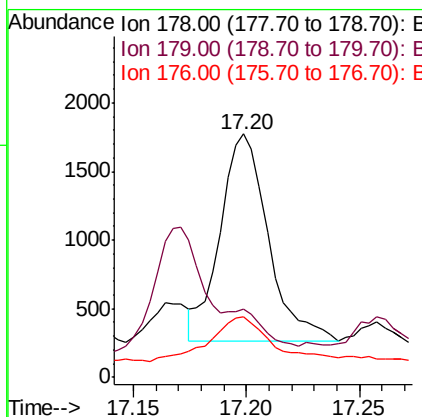
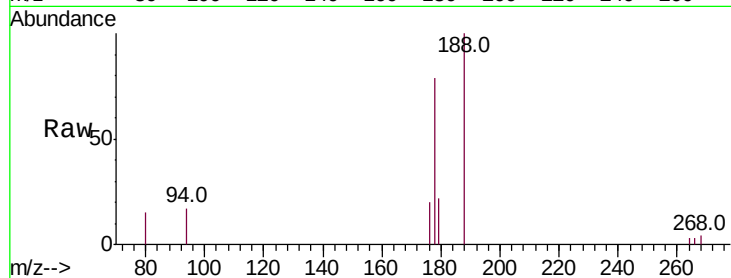
#13
 Anthracene
 Concen: 0.039 ng/ul
 RT: 17.20 min Scan# 4631
 Delta R.T. -0.00 min
 Lab File: BM025043.D
 Acq: 25 Feb 2020 14:37

Instrument :
 BNA_M
 ClientSampleId :
 DBCT9

Tot Ion	Ratio	Lower	Upper
178	100		
179	28.1	14.1	21.1#
176	24.8	16.2	24.4#

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#15
 Fluoranthene
 Concen: 0.022 ng/ul
 RT: 19.13 min Scan# 5170
 Delta R.T. -0.00 min
 Lab File: BM025043.D
 Acq: 25 Feb 2020 14:37

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.0	0.0	29.4
100	13.4	0.0	28.0

