

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
 Data File : BM025117.D
 Acq On : 27 Feb 2020 23:27
 Operator : CG/JU
 Sample : L1582-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDK0

Manual Integrations
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Quant Time: Feb 28 05:57:48 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	7.71	152	7	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	160	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	483	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	772m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	1308	0.40	ng/ul	-0.01
20) Perylene-d12	23.45	264	6m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.05	152	6167	20.52	ng/ul	-0.01
14) Fluoranthene-d10	19.08	212	18441	6.96	ng/ul	-0.01
Target Compounds				Ovalue		
3) Naphthalene	10.51	128	10550	21.661	ng/ul#	85
5) 2-Methylnaphthalene	12.12	142	1060	3.016	ng/ul	97
8) Acenaphthene	14.38	153	1173	0.627	ng/ul	95
9) Fluorene	15.37	166	749	0.319	ng/ul#	96
12) Phenanthrene	17.10	178	2068	0.762	ng/ul#	93
13) Anthracene	17.19	178	380	0.144	ng/ul#	55
15) Fluoranthene	19.12	202	921	0.234	ng/ul	76
17) Pyrene	19.48	202	560m	0.095	ng/ul	
18) Benzo(a)anthracene	21.22	228	250	0.044	ng/ul#	53
19) Chrysene	21.28	228	257	0.046	ng/ul#	59
21) Benzo(b)fluoranthene	22.79	252	395	16.795	ng/ul#	1
22) Benzo(k)fluoranthene	22.83	252	276	11.845	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.63	276	196	7.285	ng/ul#	100
26) Benzo(g,h,i)perylene	26.28	276	166	7.322	ng/ul#	1

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

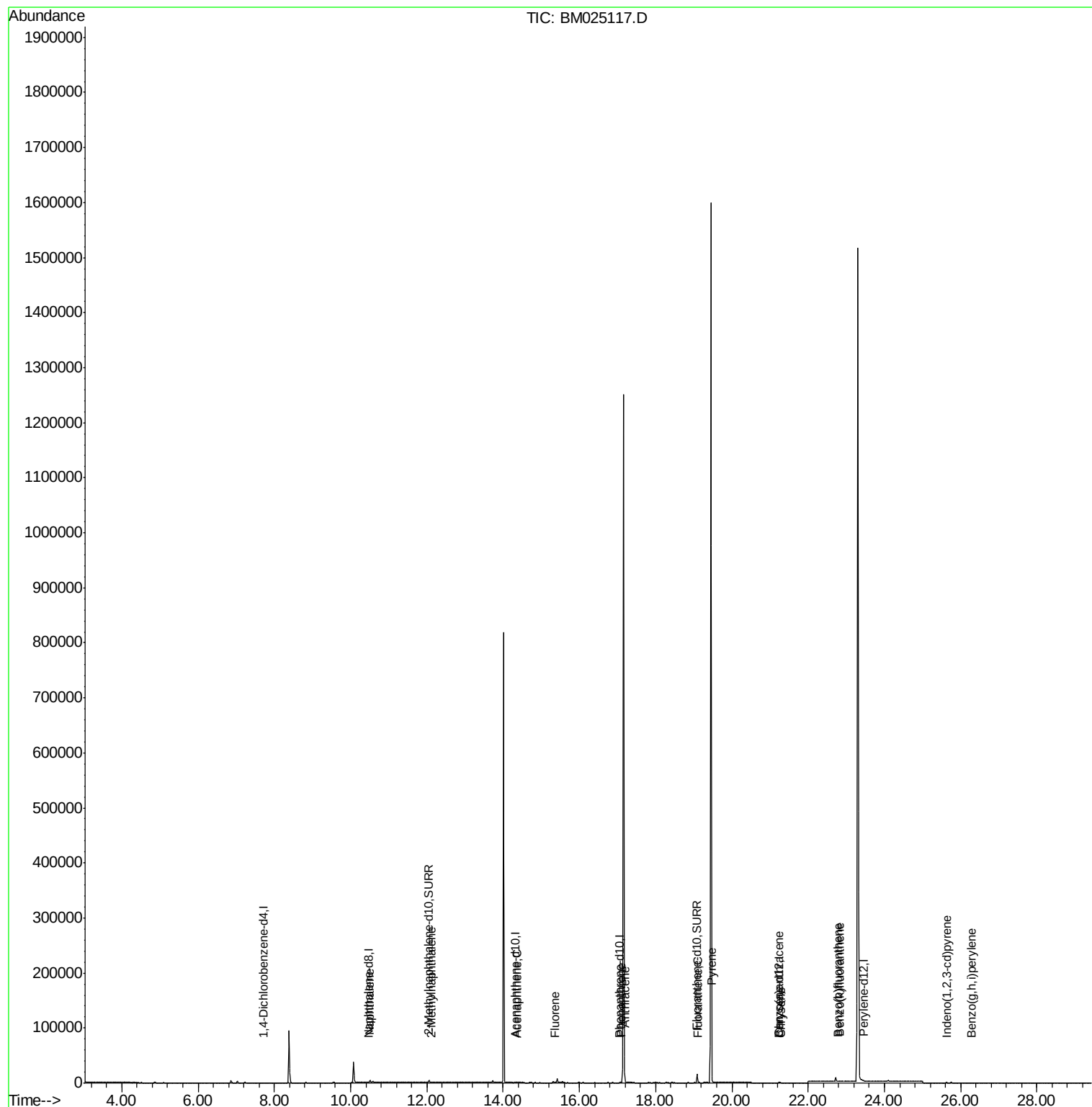
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022720\
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ALS Vial : 14 Sample Multiplier: 1

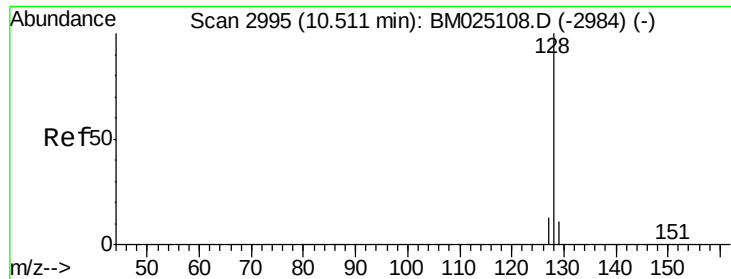
Instrument :
BNA_M
ClientSampleId :
DBDK0

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QLast Update : Tue Feb 25 11:03:43 2020
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#3

Naphthalene

Concen: 21.661 ng/ul

RT: 10.51 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

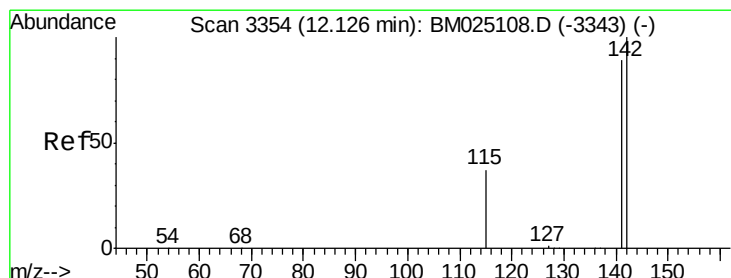
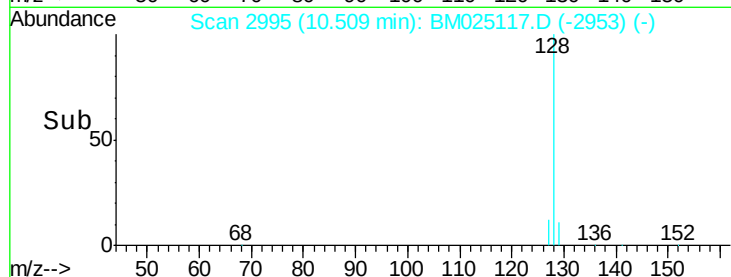
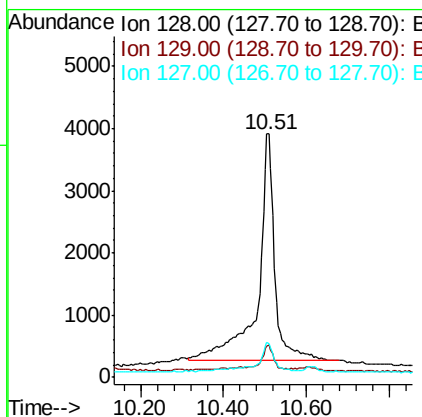
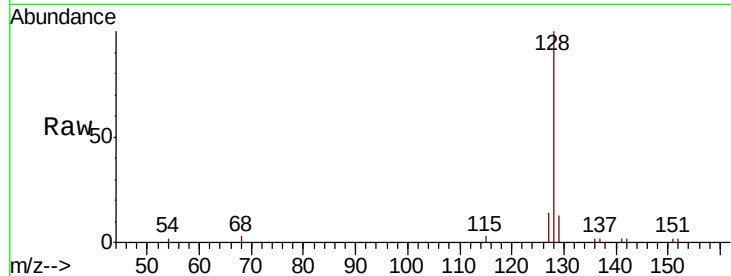
ClientSampled :

DBDK0

Tot Ion:	128	Resp:	10550
Ion Ratio	Lower	Upper	
128	100		
129	13.1	17.0	25.6#
127	13.8	15.7	23.5#

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#5

2-Methylnaphthalene

Concen: 3.016 ng/ul

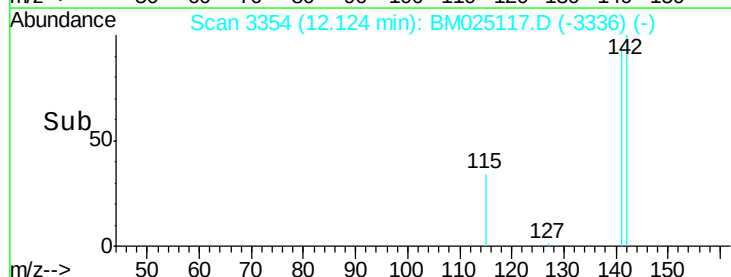
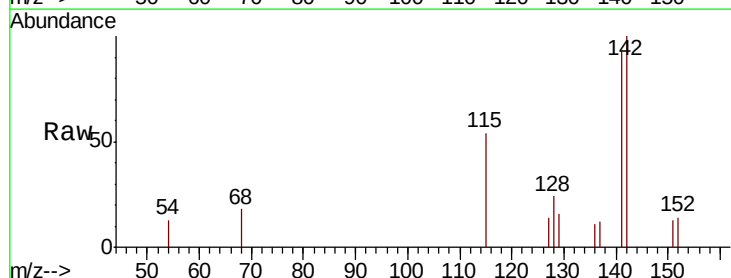
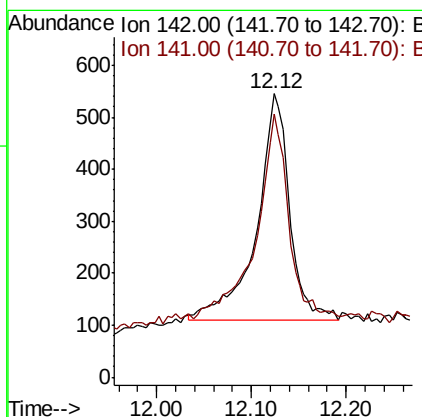
RT: 12.12 min Scan# 3354

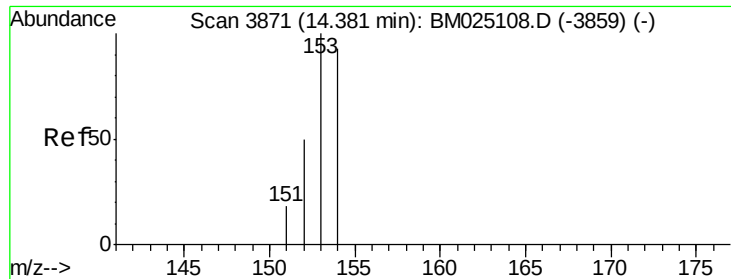
Delta R.T. -0.02 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Tgt Ion:	142	Resp:	1060
Ion Ratio	Lower	Upper	
142	100		
141	90.5	69.8	104.8





#8

Acenaphthene

Concen: 0.627 ng/ul

RT: 14.38 min Scan# 3871

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

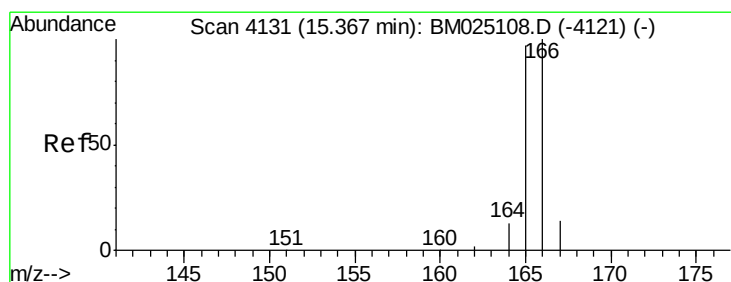
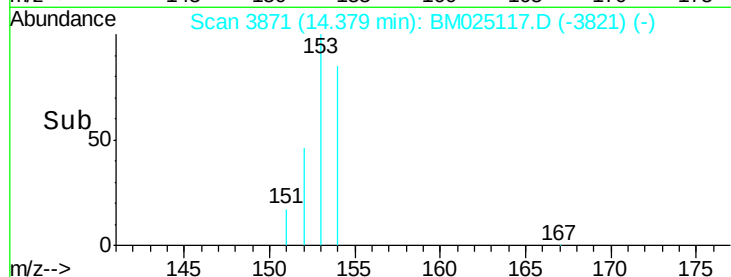
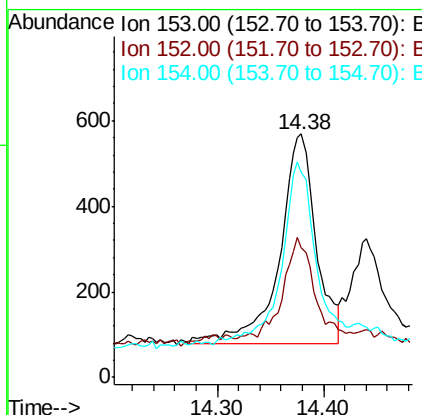
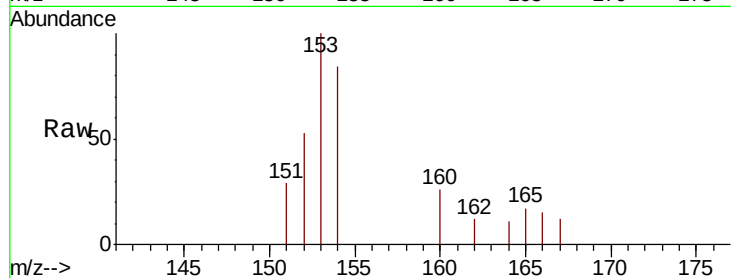
ClientSampleId :

DBDK0

Tot Ion:	153	Resp:	1173
Ion	Ratio	Lower	Upper
153	100		
152	53.3	40.0	60.0
154	84.4	71.0	106.6

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#9

Fluorene

Concen: 0.319 ng/ul

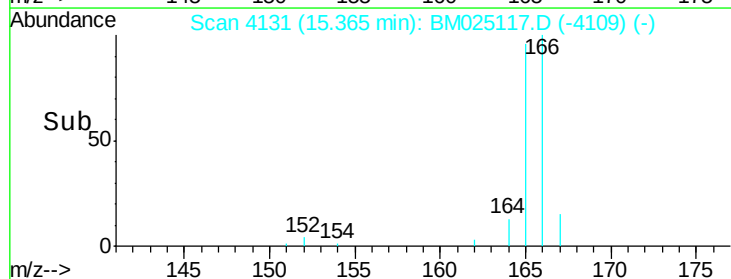
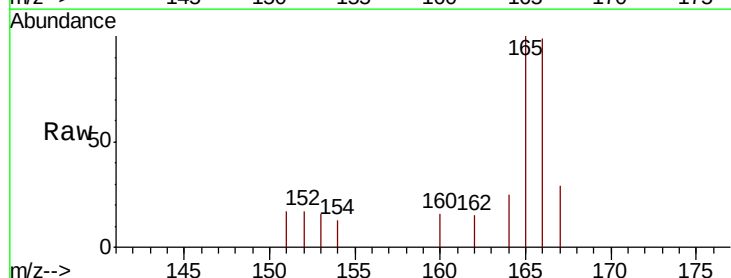
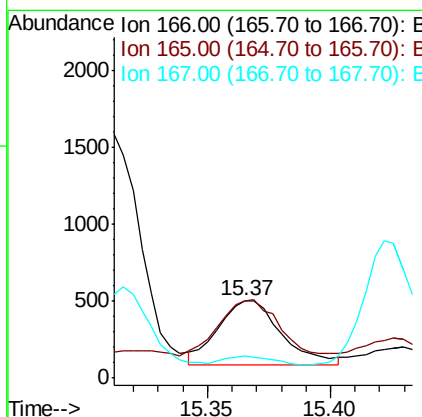
RT: 15.37 min Scan# 4131

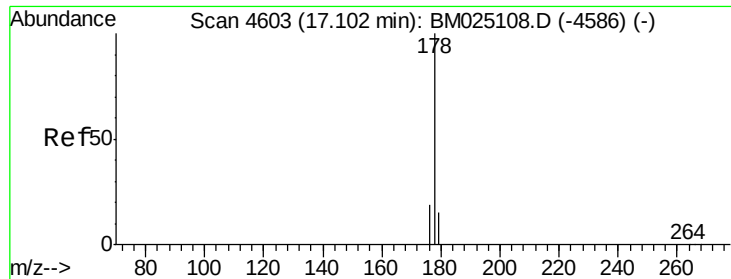
Delta R.T. -0.02 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Tgt Ion:	166	Resp:	749
Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.0	120.0
167	28.8	13.7	20.5#





#12

Phenanthrene

Concen: 0.762 ng/ul

RT: 17.10 min Scan# 4603

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

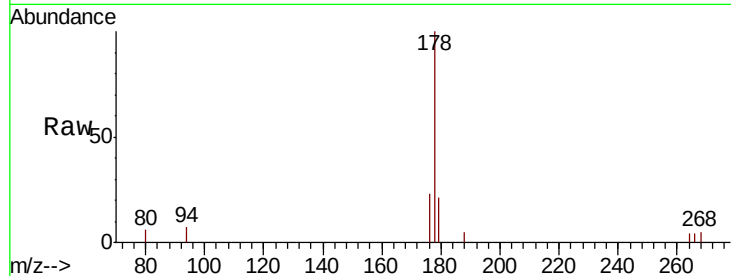
ClientSampleId :

DBDK0

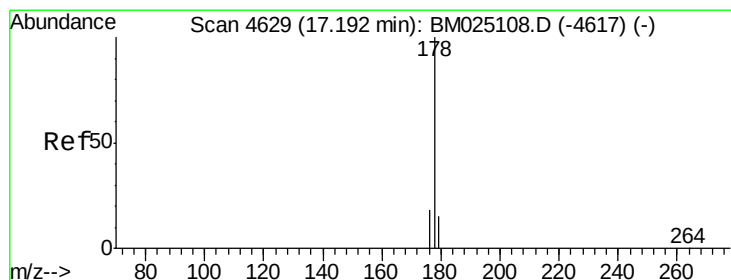
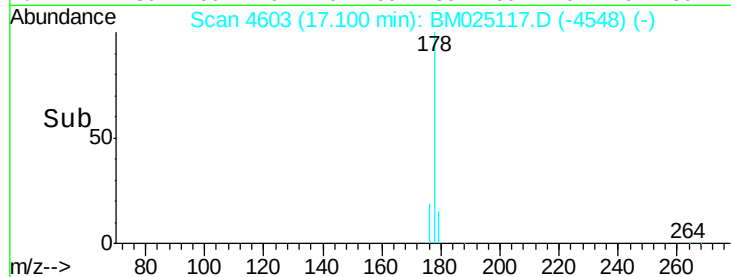
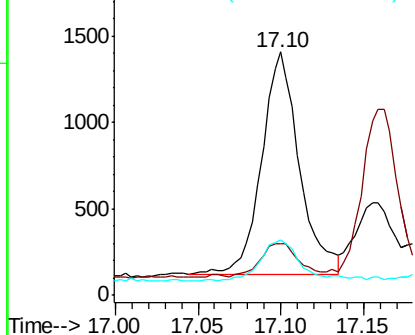
Tot Ion:178	Resp:	2068
Ion Ratio	Lower	Upper
178	100	
179	21.4	14.0 21.0#
176	22.8	16.6 24.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.144 ng/ul

RT: 17.19 min Scan# 4629

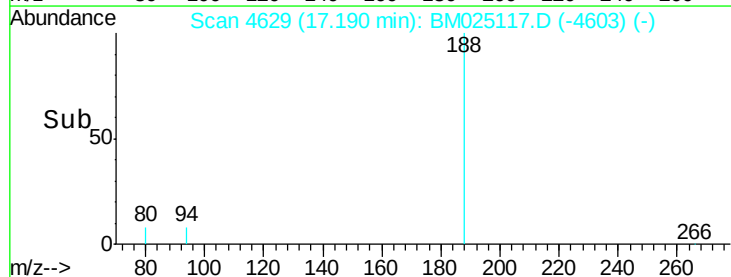
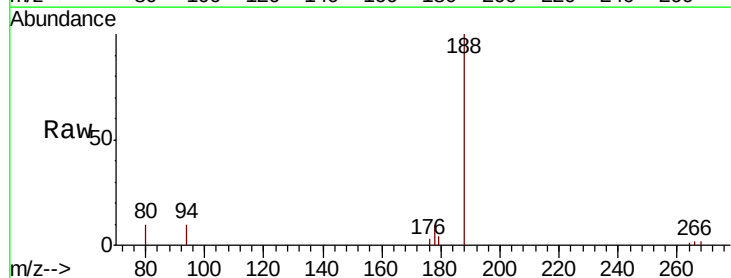
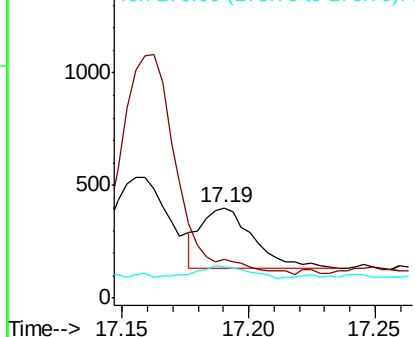
Delta R.T. -0.01 min

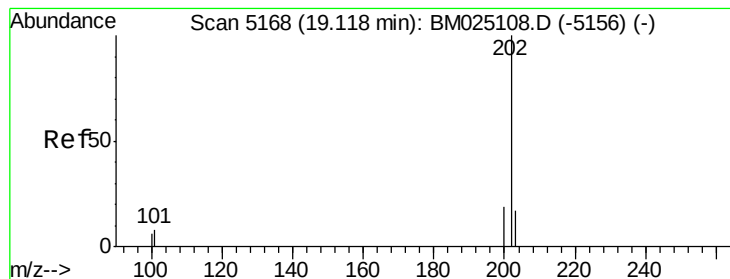
Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Tgt Ion:178	Resp:	380
Ion Ratio	Lower	Upper
178	100	
179	43.6	14.1 21.1#
176	35.2	16.2 24.4#

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.234 ng/ul

RT: 19.12 min Scan# 5168

Delta R.T. -0.01 min

Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Instrument :

BNA_M

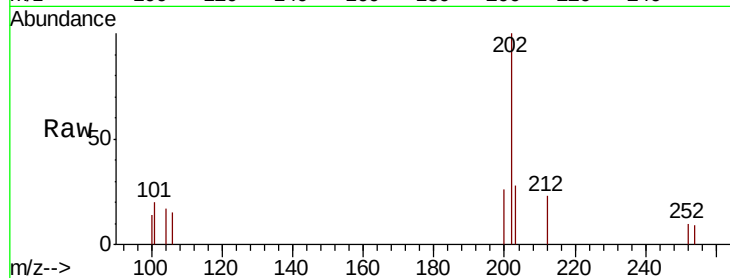
ClientSampleId :

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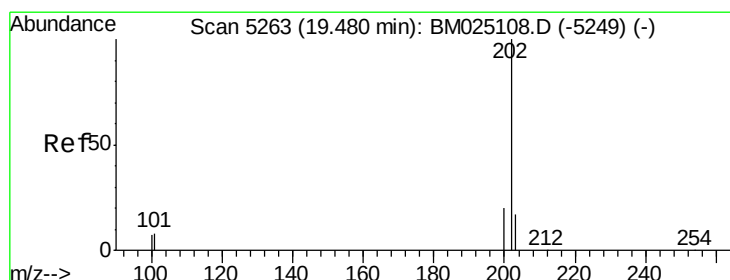
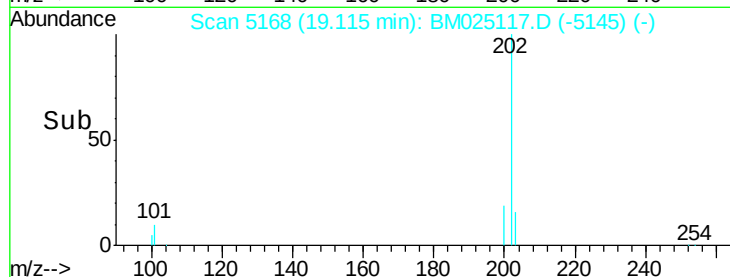
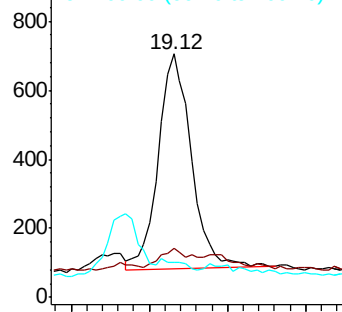
Tot Ion:	202	Resp:	921
Ion Ratio	Lower	Upper	
202	100		
101	20.1	0.0	29.4
100	14.3	0.0	28.0

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Abundance Ion 202.00 (201.70 to 202.70): E



#17

Pyrene

Concen: 0.095 ng/ul m

RT: 19.48 min Scan# 5263

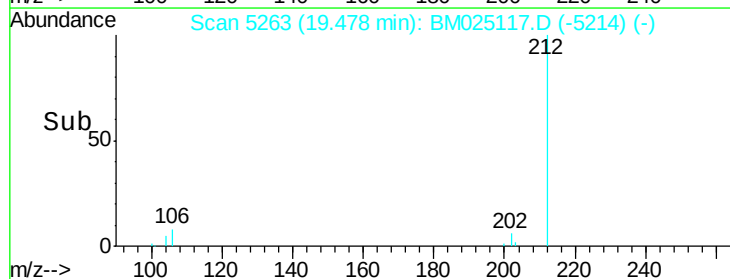
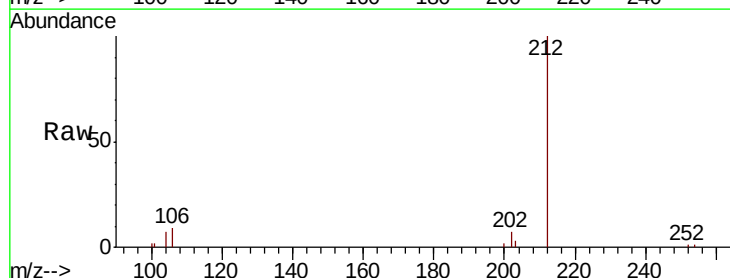
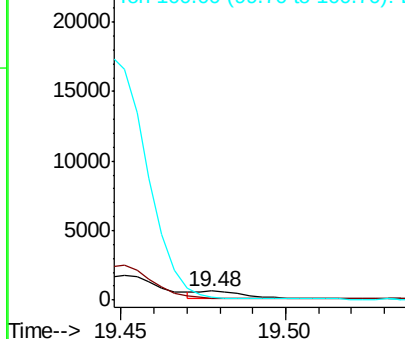
Delta R.T. -0.01 min

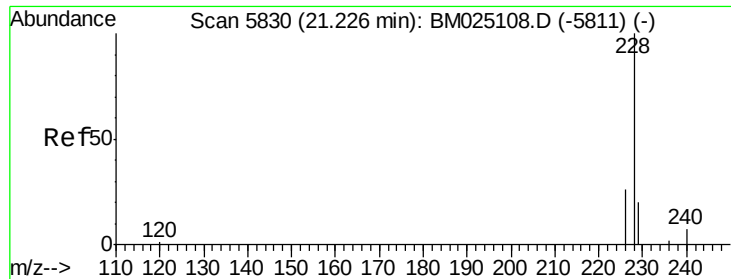
Lab File: BM025117.D

Acq: 27 Feb 2020 23:27

Tgt Ion:	202	Resp:	560
Ion Ratio	Lower	Upper	
202	100		
101	24.8	8.7	13.1#
100	27.5	7.3	10.9#

Abundance Ion 202.00 (201.70 to 202.70): E





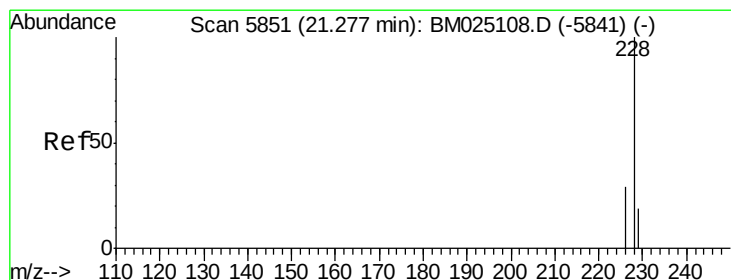
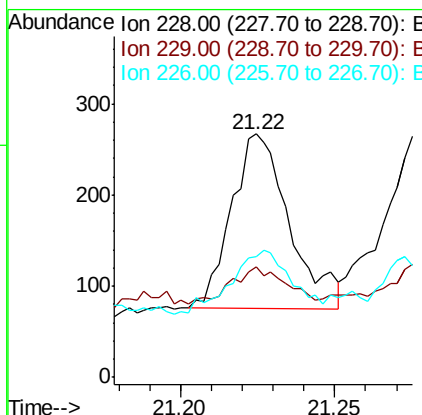
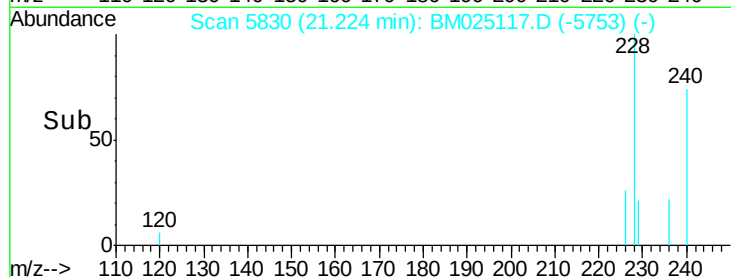
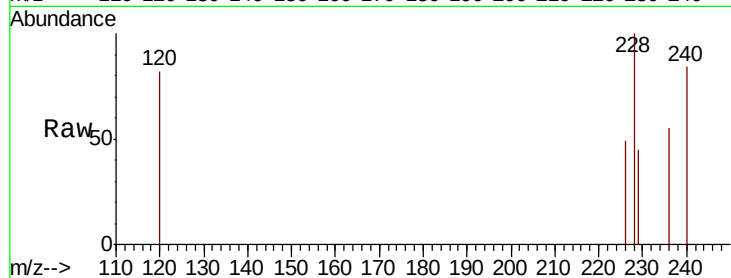
#18
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.22 min Scan# 5830
Delta R.T. -0.01 min
Lab File: BM025117.D
Acq: 27 Feb 2020 23:27

Instrument :
BNA_M
ClientSampleId :
DBDK0

Tot Ion	Ratio	Lower	Upper
228	100		
229	45.3	16.6	25.0#
226	49.4	21.9	32.9#

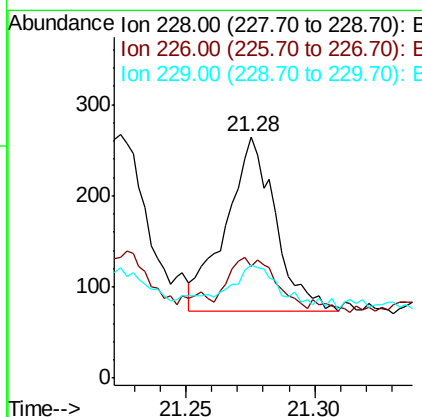
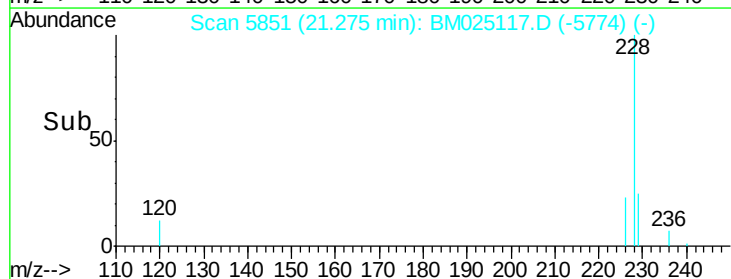
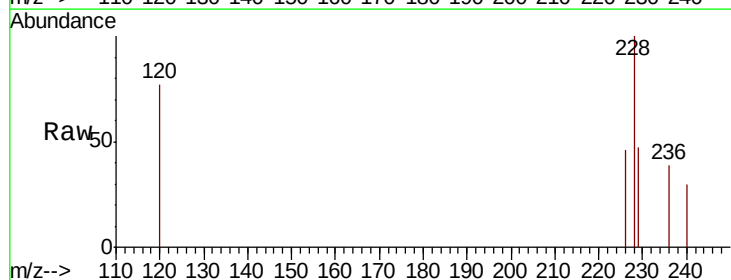
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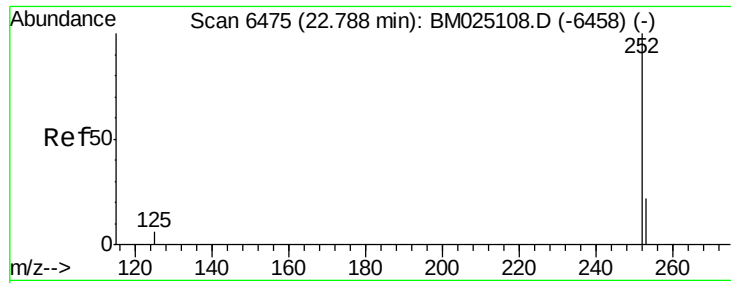
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#19
Chrysene
Concen: 0.046 ng/ul
RT: 21.28 min Scan# 5851
Delta R.T. -0.01 min
Lab File: BM025117.D
Acq: 27 Feb 2020 23:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	46.4	23.8	35.8#
229	46.8	16.9	25.3#





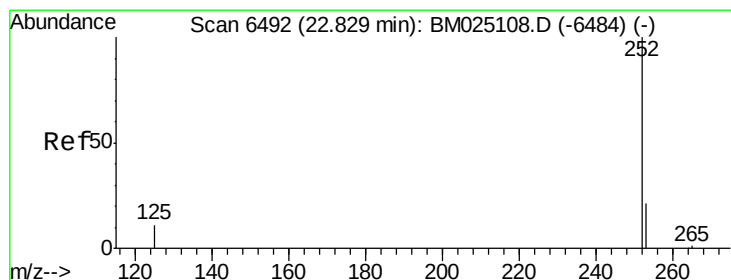
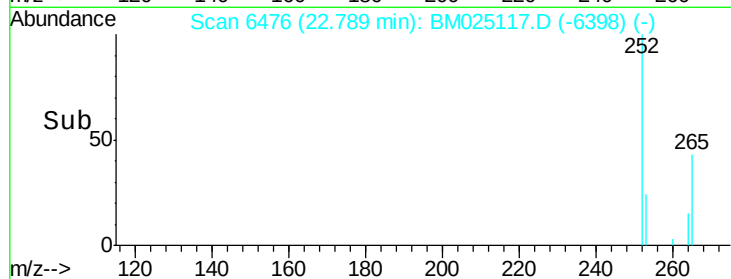
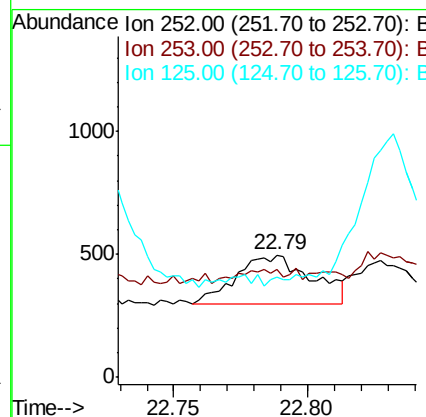
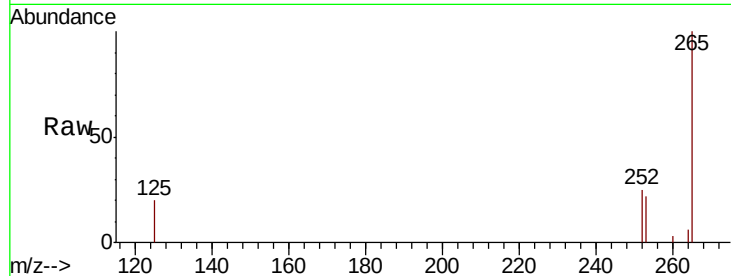
#21
Benzo(b)fluoranthene
Concen: 16.795 ng/ul
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM025117.D
Acq: 27 Feb 2020 23:27

Instrument :
BNA_M
ClientSampleId :
DBDK0

Tot Ion	Ratio	Lower	Upper
252	100		
253	88.0	0.0	49.8#
125	81.3	0.0	28.6#

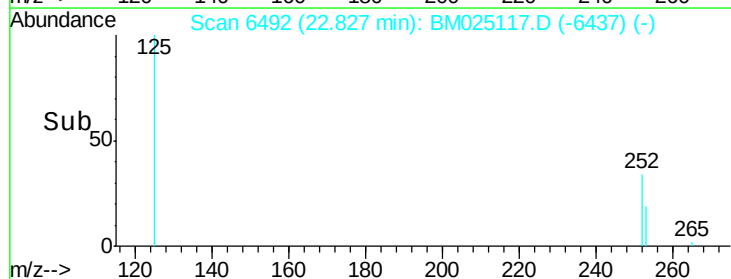
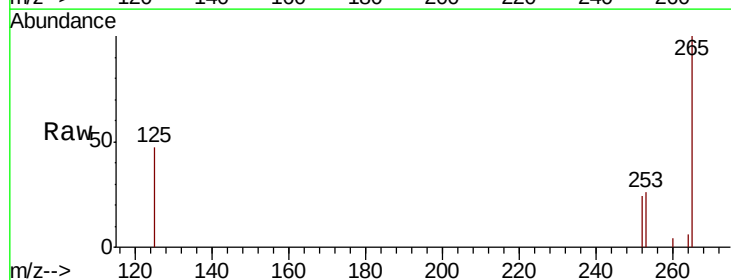
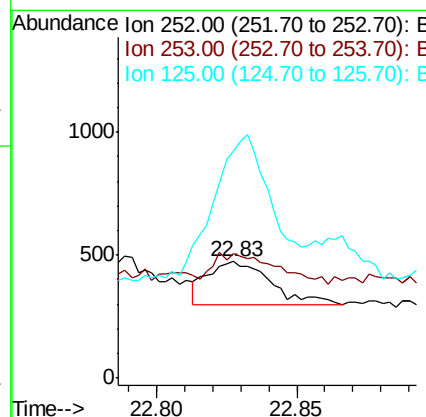
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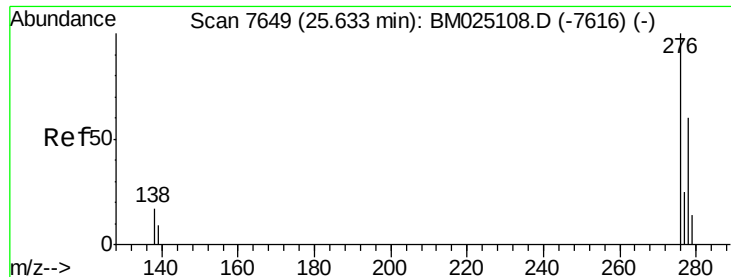
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#22
Benzo(k)fluoranthene
Concen: 11.845 ng/ul
RT: 22.83 min Scan# 6492
Delta R.T. -0.02 min
Lab File: BM025117.D
Acq: 27 Feb 2020 23:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	106.8	19.4	29.0#
125	194.9	10.7	16.1#





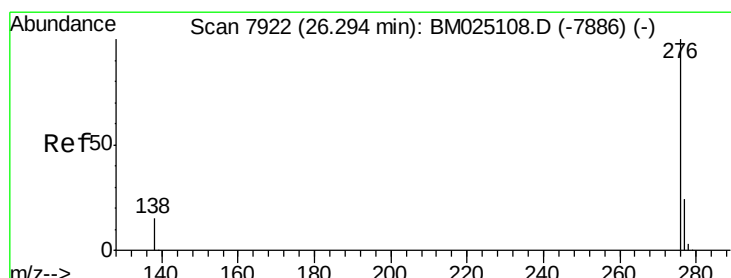
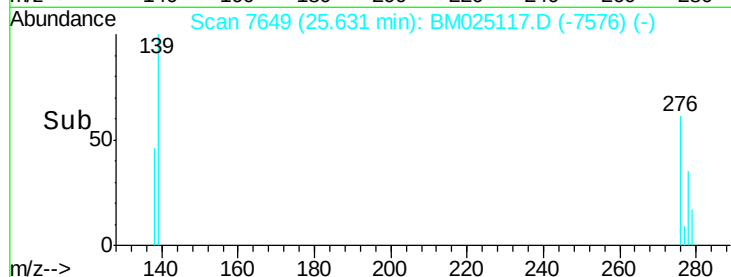
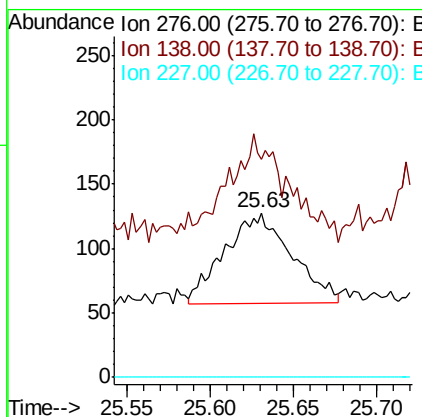
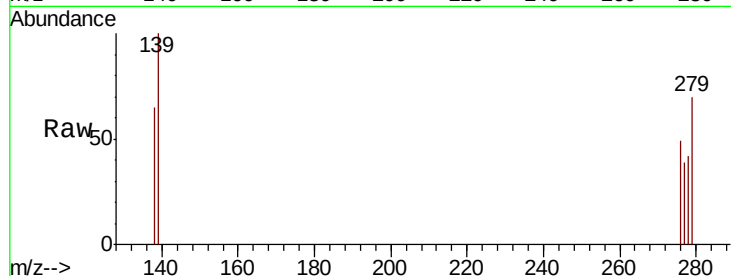
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 7.285 ng/ul
 RT: 25.63 min Scan# 7649
 Delta R.T. -0.02 min
 Lab File: BM025117.D
 Acq: 27 Feb 2020 23:27

Instrument :
 BNA_M
 ClientSampleID :
 DBDK0

Tot Ion	Ratio	Resp	Lower	Upper
276	100	196		
138	78.6	0.0	0.0	0.0#
227	0.0	0.0	0.0	0.0

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#26
 Benzo(g,h,i)perylene
 Concen: 7.322 ng/ul
 RT: 26.28 min Scan# 7919
 Delta R.T. -0.03 min
 Lab File: BM025117.D
 Acq: 27 Feb 2020 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	166		
138	122.4	17.9	26.9#	
277	94.0	20.5	30.7#	

