

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
 Data File : BM025428.D
 Acq On : 09 Mar 2020 23:40
 Operator : CG/JU
 Sample : L1616-11DL 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBDQ5DL

Manual Integrations
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Quant Time: Mar 10 00:36:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 09 13:32:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3497	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	15291	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	11139	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	24888	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	18575	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	16500	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	4170	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	10813	0.16	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.01	152	3209	0.071	ng/ul#	95
11) Pentachlorophenol	16.69	266	395	0.068	ng/ul	92
12) Phenanthrene	17.08	178	5337	0.068	ng/ul	97
13) Anthracene	17.17	178	14866	0.217	ng/ul	99
15) Fluoranthene	19.09	202	39276	0.459	ng/ul	98
17) Pyrene	19.45	202	58767	0.705	ng/ul	99
18) Benzo(a)anthracene	21.21	228	14857	0.224	ng/ul	95
19) Chrysene	21.25	228	32592m	0.437	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	62063m	0.950	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	17647m	0.258	ng/ul	
23) Benzo(a)pyrene	23.31	252	13466	0.248	ng/ul#	96
24) Indeno(1,2,3-cd)pyrene	25.58	276	24708	0.336	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.59	278	5472	0.088	ng/ul#	83
26) Benzo(g,h,i)perylene	26.24	276	14614	0.229	ng/ul	97

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

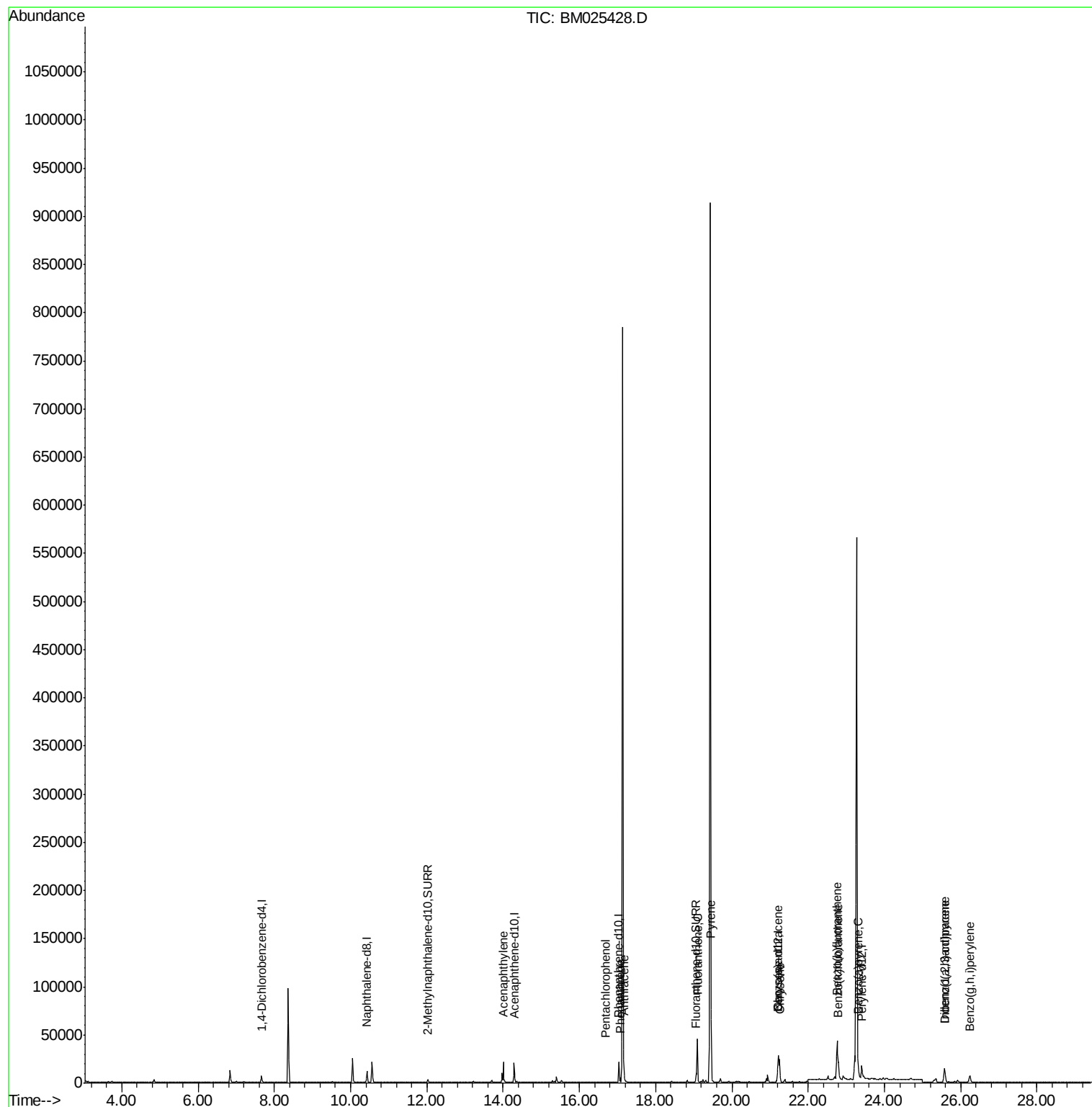
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
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ALS Vial : 22 Sample Multiplier: 1

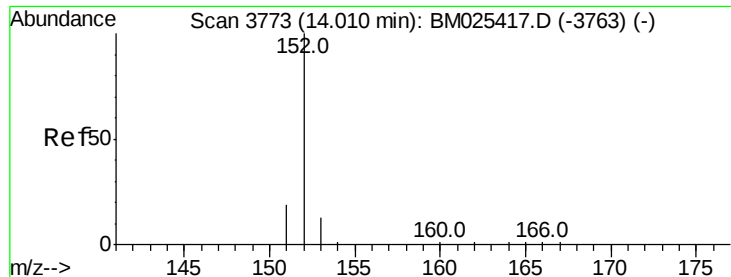
Instrument :
BNA_M
ClientSampleId :
DBDQ5DL

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Quant Time: Mar 10 00:36:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 09 13:32:56 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.071 ng/ul

RT: 14.01 min Scan# 3773

Delta R.T. -0.00 min

Lab File: BM025428.D

Acq: 09 Mar 2020 23:40

Instrument :

BNA_M

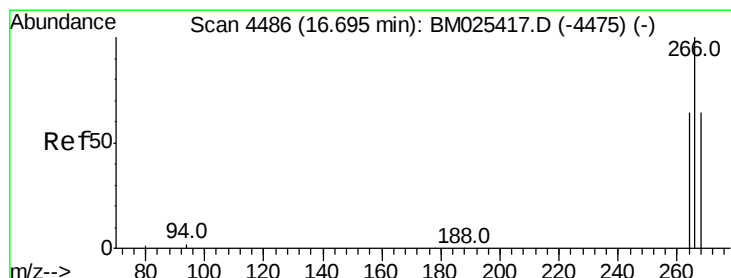
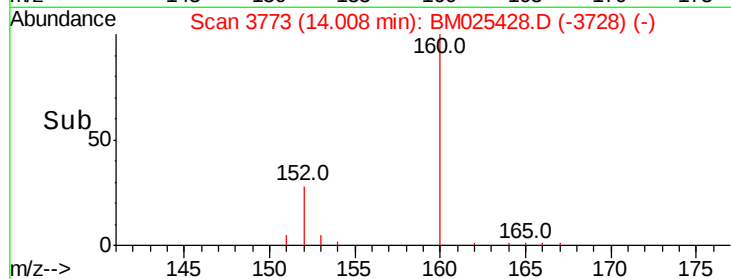
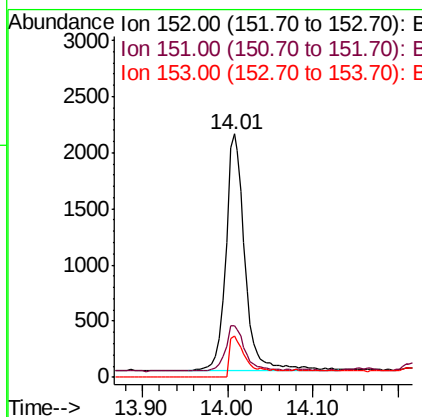
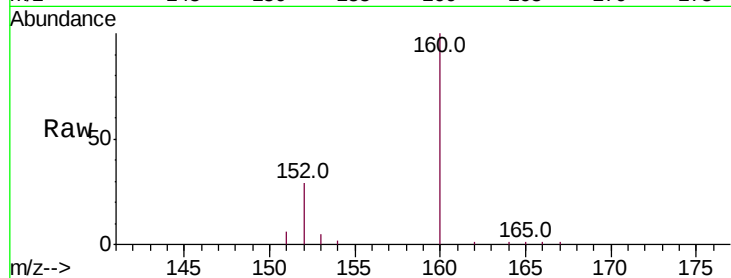
ClientSampleId :

DBDQ5DL

Tot Ion:	152	Resp:	3209
Ion Ratio	Lower	Upper	
152	100		
151	21.2	16.2	24.2
153	16.8	10.6	16.0#

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#11

Pentachlorophenol

Concen: 0.068 ng/ul

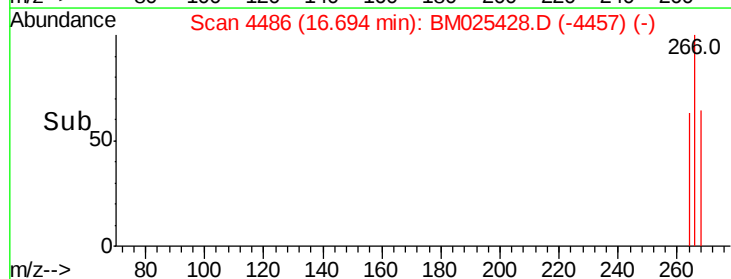
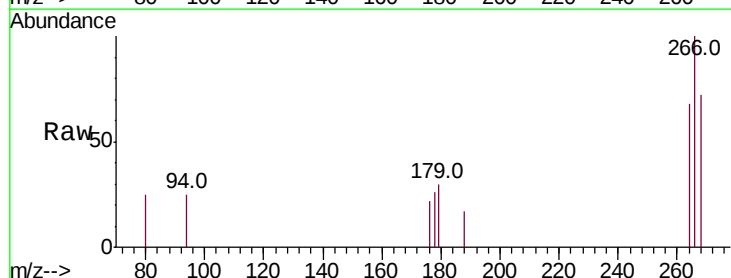
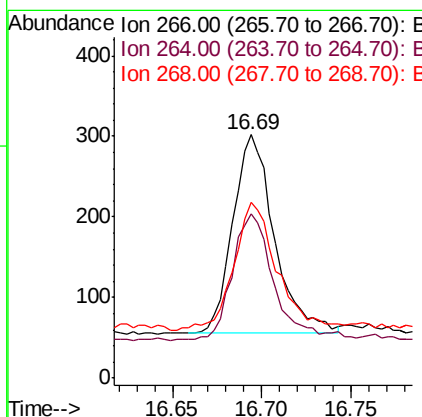
RT: 16.69 min Scan# 4486

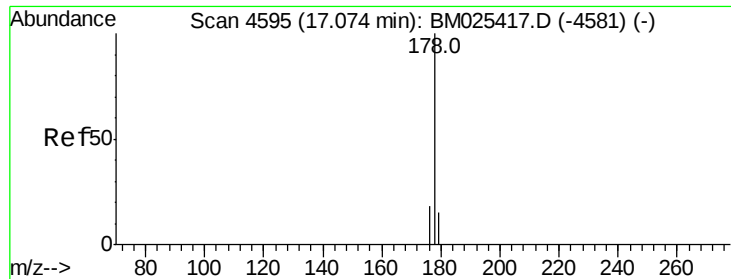
Delta R.T. -0.00 min

Lab File: BM025428.D

Acq: 09 Mar 2020 23:40

Tgt Ion:	266	Resp:	395
Ion Ratio	Lower	Upper	
266	100		
264	65.1	48.2	72.2
268	70.4	50.7	76.1





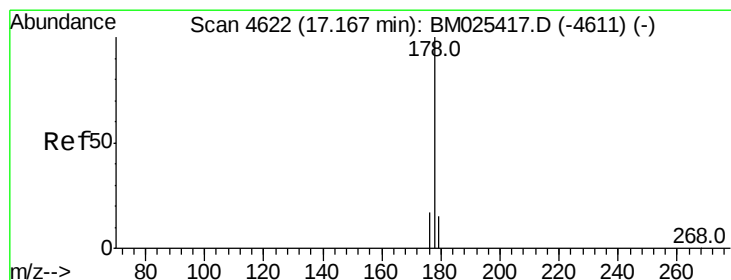
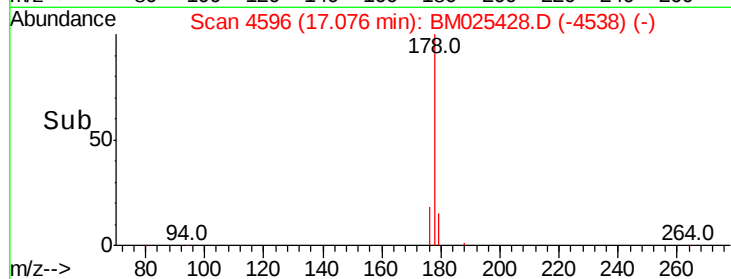
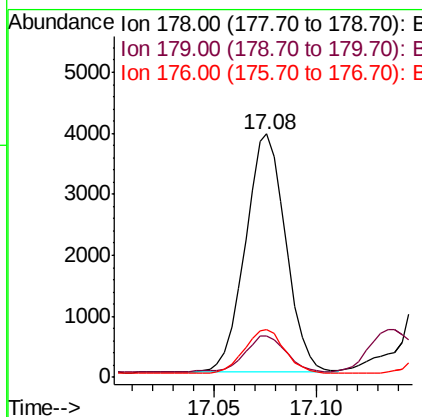
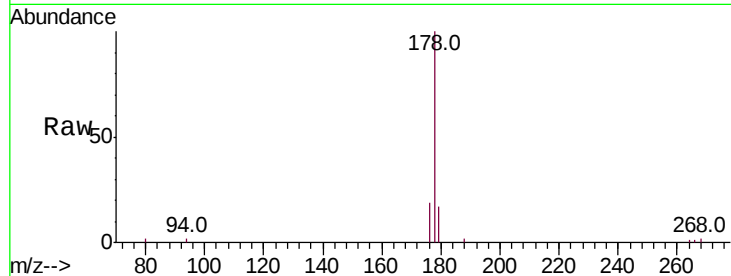
#12
Phenanthrene
Concen: 0.068 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BM025428.D
Acq: 09 Mar 2020 23:40

Instrument :
BNA_M
ClientSampleId :
DBDQ5DL

Tot Ion:178 Resp: 5337
Ion Ratio Lower Upper
178 100
179 16.9 12.4 18.6
176 19.5 14.8 22.2

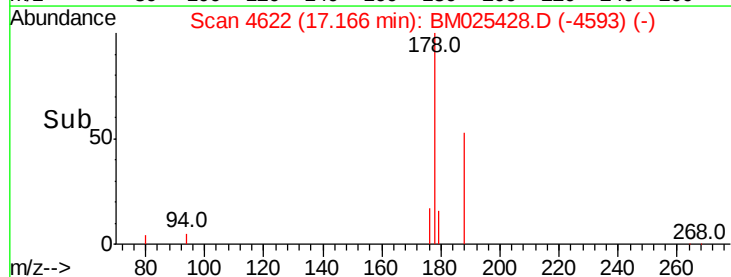
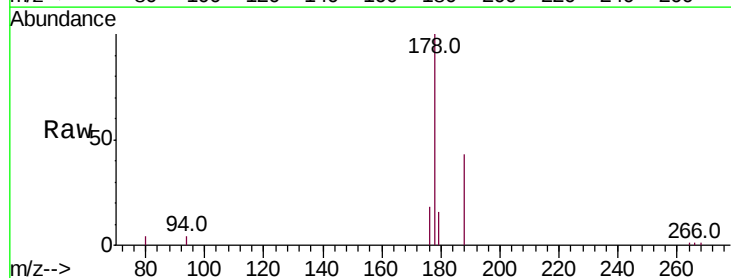
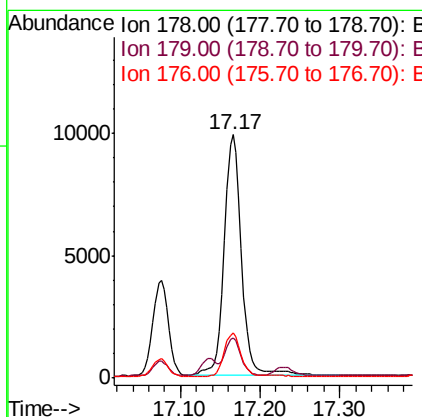
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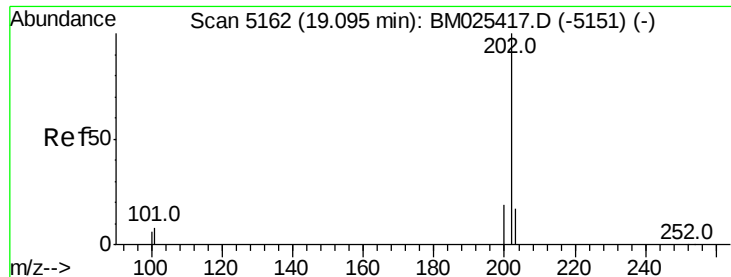
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#13
Anthracene
Concen: 0.217 ng/ul
RT: 17.17 min Scan# 4622
Delta R.T. -0.00 min
Lab File: BM025428.D
Acq: 09 Mar 2020 23:40

Tgt Ion:178 Resp: 14866
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 18.4 14.5 21.7





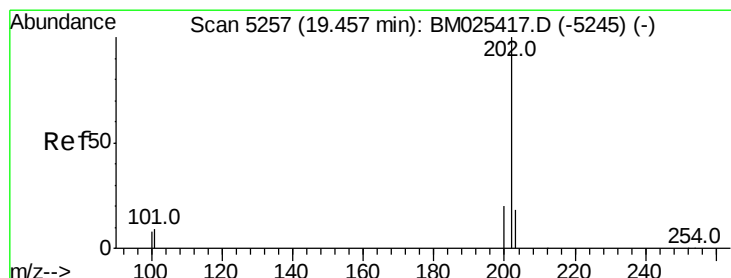
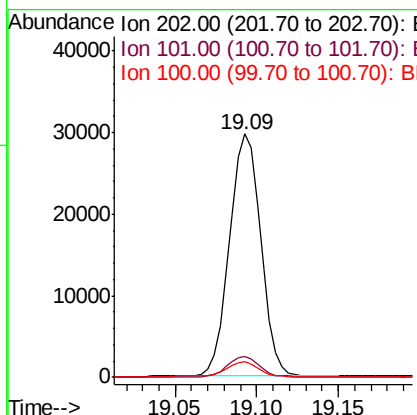
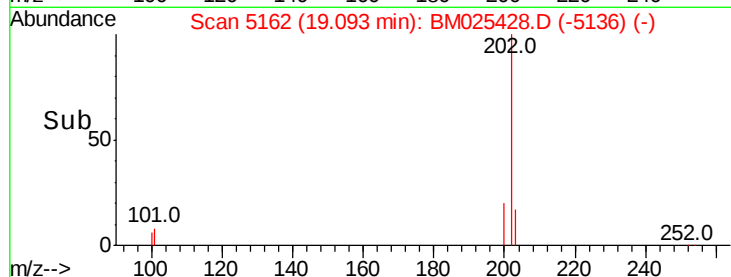
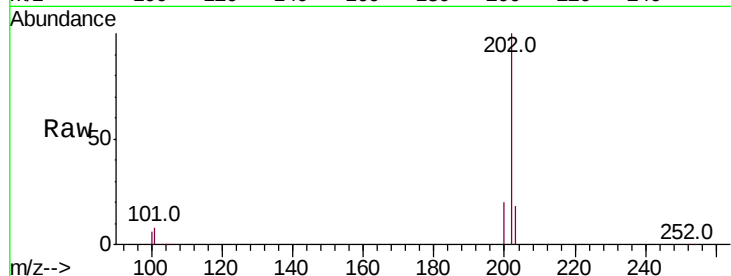
#15
Fluoranthene
Concen: 0.459 ng/ul
RT: 19.09 min Scan# 5162
Delta R.T. -0.00 min
Lab File: BM025428.D
Acq: 09 Mar 2020 23:40

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	8.3	0.0	27.5
100	6.4	0.0	26.0

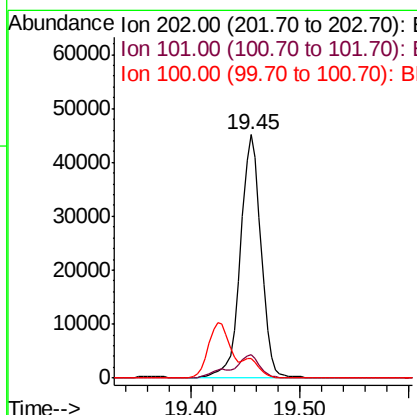
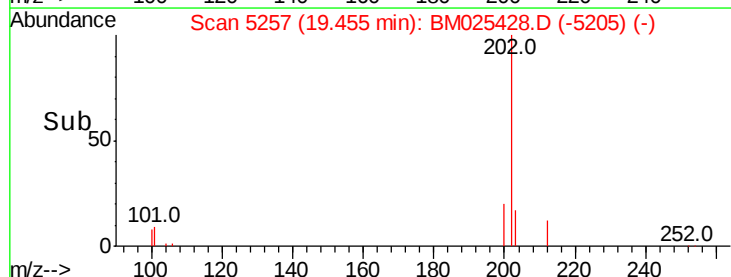
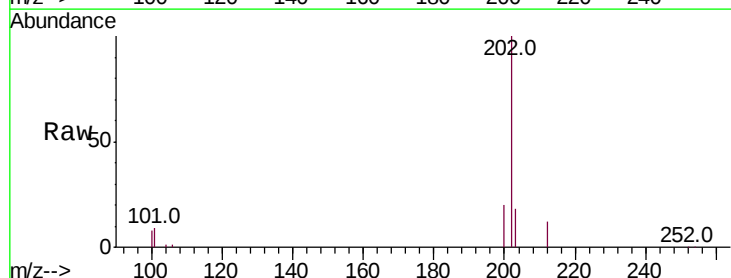
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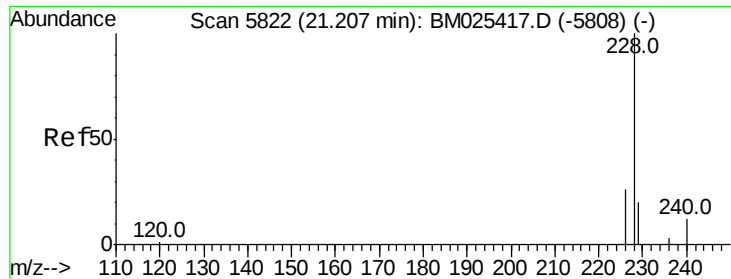
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#17
Pyrene
Concen: 0.705 ng/ul
RT: 19.45 min Scan# 5257
Delta R.T. -0.00 min
Lab File: BM025428.D
Acq: 09 Mar 2020 23:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	7.1	10.7
100	8.0	6.0	9.0





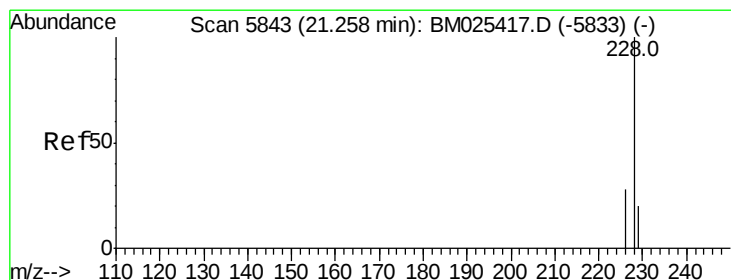
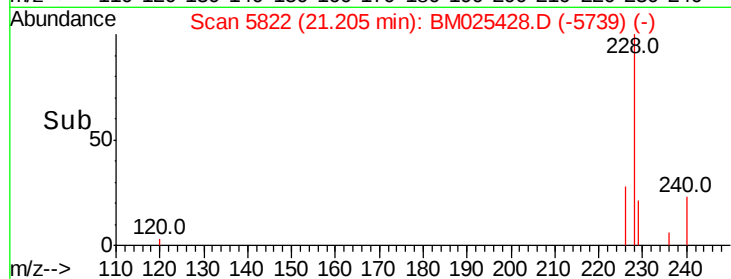
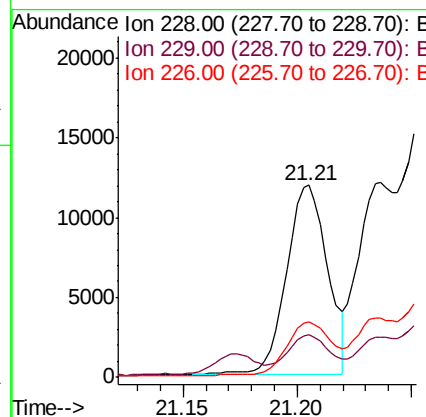
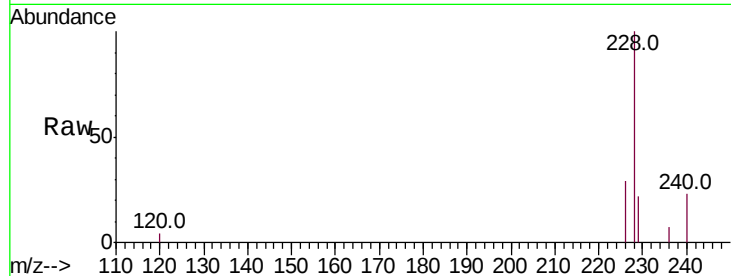
#18
Benzo(a)anthracene
Concen: 0.224 ng/ul
RT: 21.21 min Scan# 5822
Delta R.T. -0.00 min
Lab File: BM025428.D
Acq: 09 Mar 2020 23:40

Instrument :
BNA_M
ClientSampleId :
DBDQ5DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.6	23.4
226	28.9	21.1	31.7

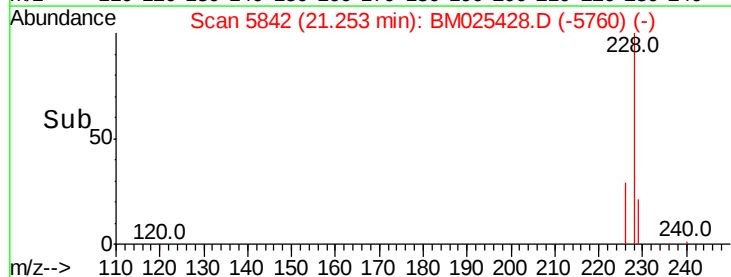
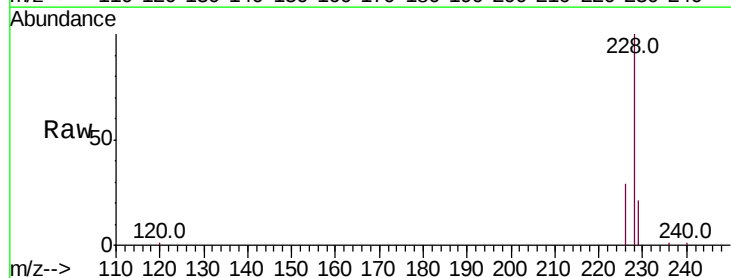
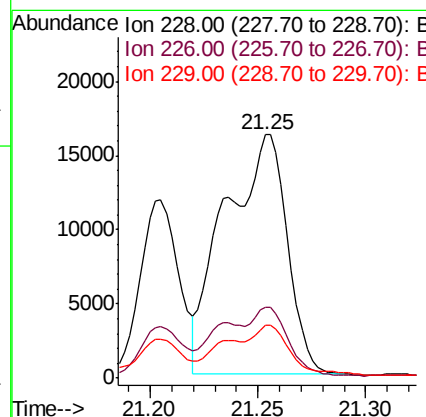
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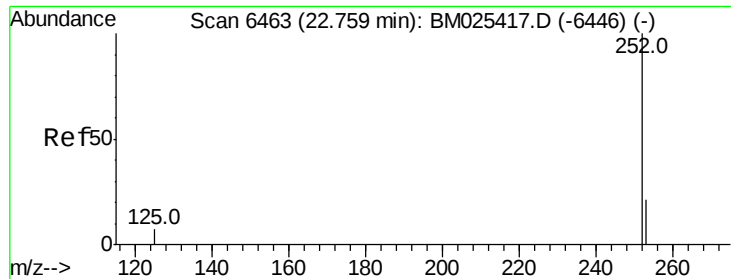
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#19
Chrysene
Concen: 0.437 ng/ul m
RT: 21.25 min Scan# 5842
Delta R.T. -0.00 min
Lab File: BM025428.D
Acq: 09 Mar 2020 23:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.6	35.4
229	21.5	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.950 ng/ul m

RT: 22.76 min Scan# 6463

Delta R.T. 0.00 min

Lab File: BM025428.D

Acq: 09 Mar 2020 23:40

Instrument :

BNA_M

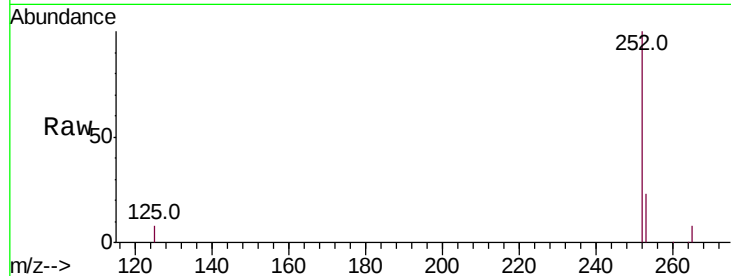
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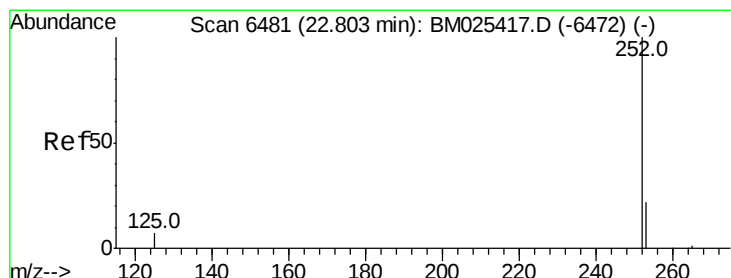
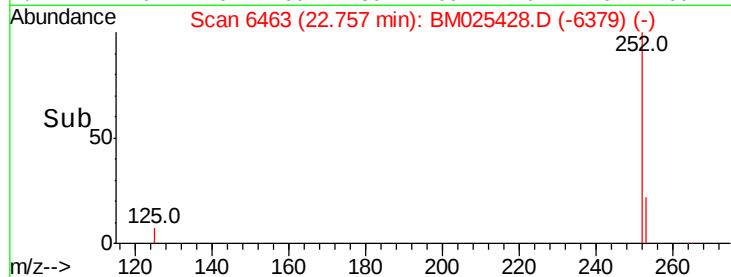
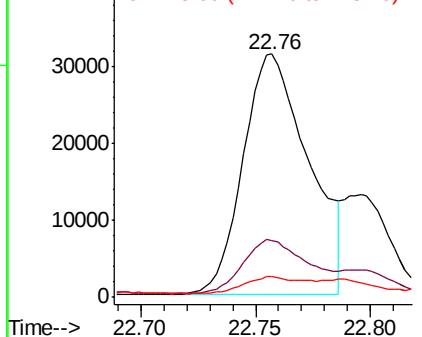
Tot Ion:	252	Resp:	62063
Ion Ratio	Lower	Upper	
252	100		
253	23.4	0.0	50.2
125	8.4	0.0	17.6

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 0.258 ng/ul m

RT: 22.80 min Scan# 6479

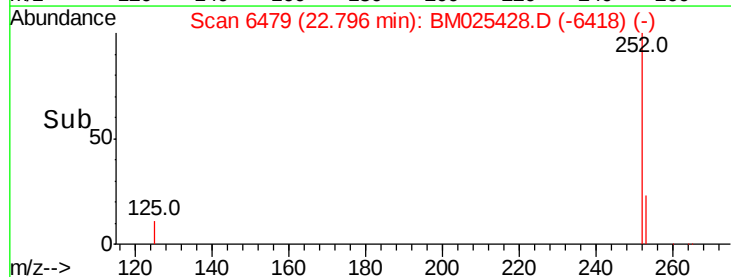
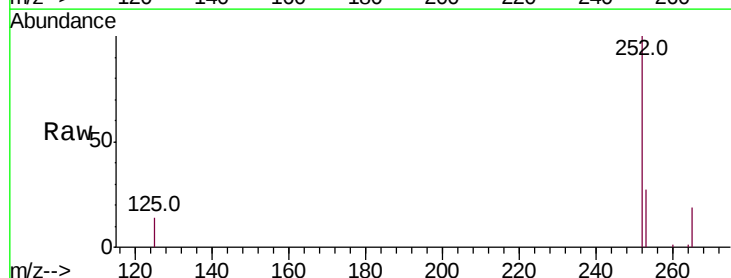
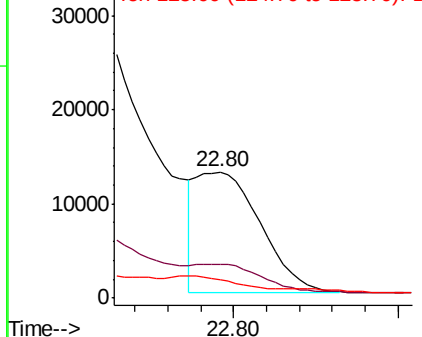
Delta R.T. -0.00 min

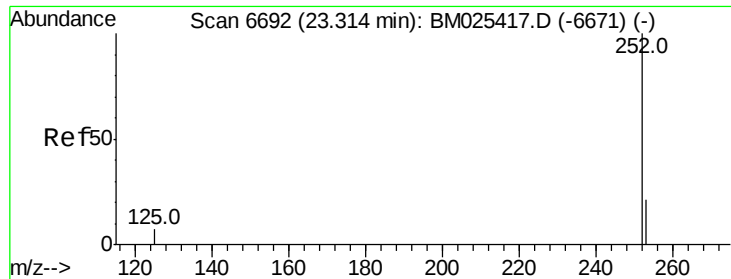
Lab File: BM025428.D

Acq: 09 Mar 2020 23:40

Tgt Ion:	252	Resp:	17647
Ion Ratio	Lower	Upper	
252	100		
253	27.0	19.8	29.8
125	14.2	7.1	10.7#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.248 ng/ul

RT: 23.31 min Scan# 6692

Delta R.T. 0.00 min

Lab File: BM025428.D

Acq: 09 Mar 2020 23:40

Instrument :

BNA_M

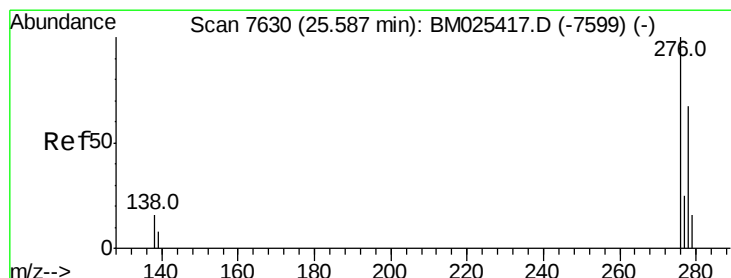
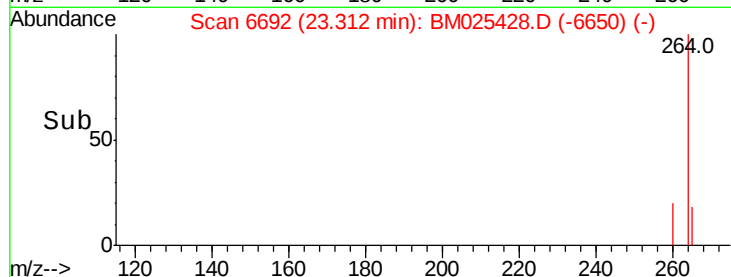
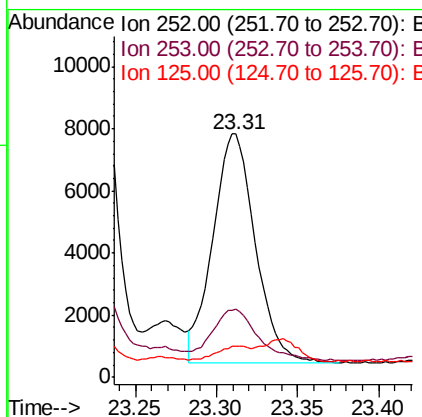
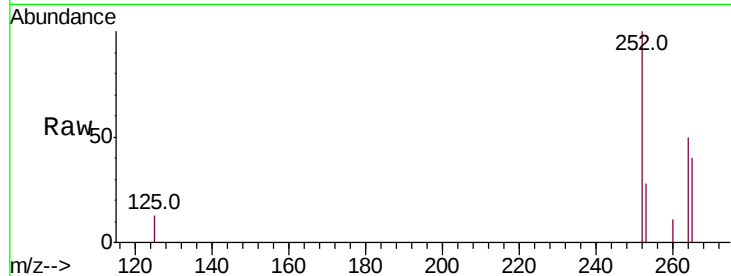
ClientSampleId :

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Tot Ion:	252	Resp:	13466
Ion Ratio	Lower	Upper	
252	100		
253	27.9	21.3	31.9
125	13.0	8.5	12.7#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.336 ng/ul

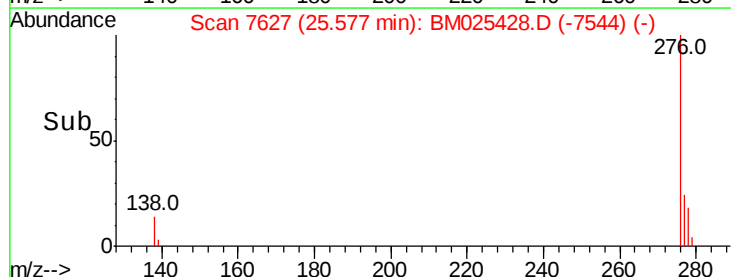
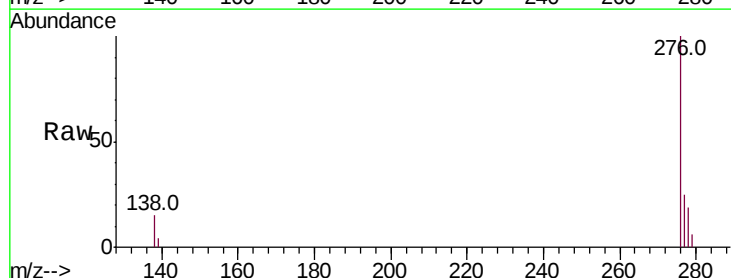
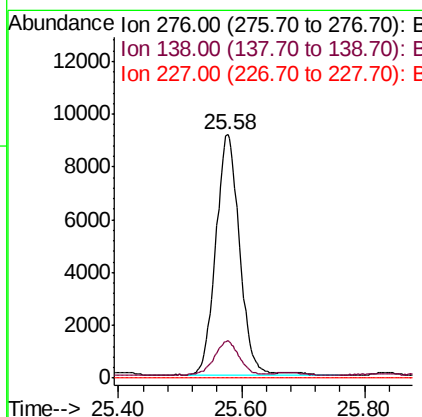
RT: 25.58 min Scan# 7627

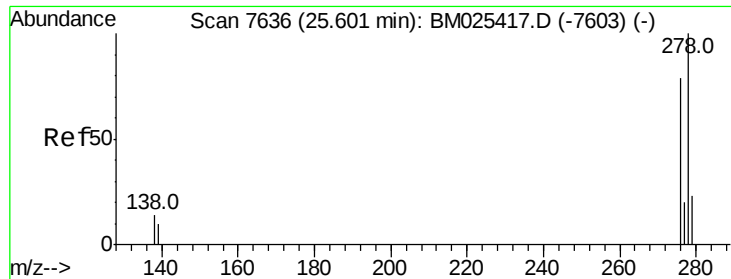
Delta R.T. -0.00 min

Lab File: BM025428.D

Acq: 09 Mar 2020 23:40

Tgt Ion:	276	Resp:	24708
Ion Ratio	Lower	Upper	
276	100		
138	14.2	12.3	18.5
227	0.0	0.0	0.0





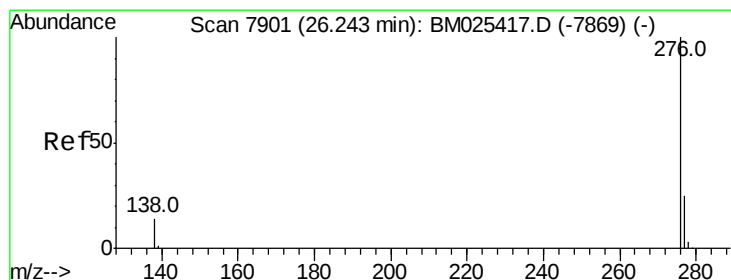
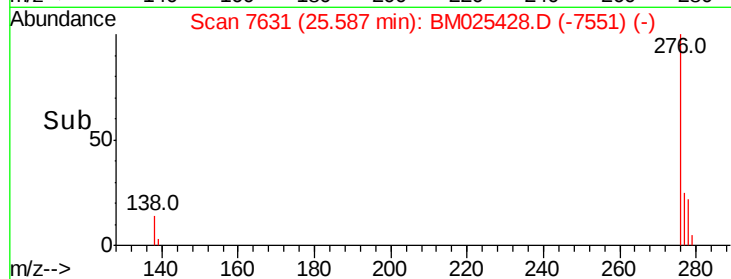
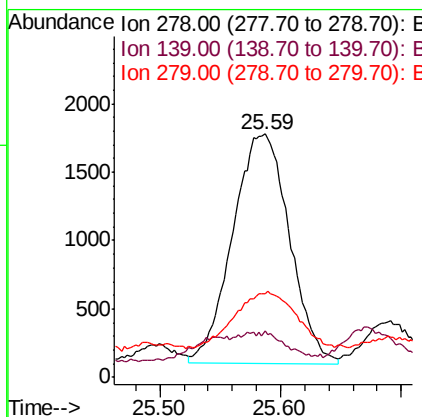
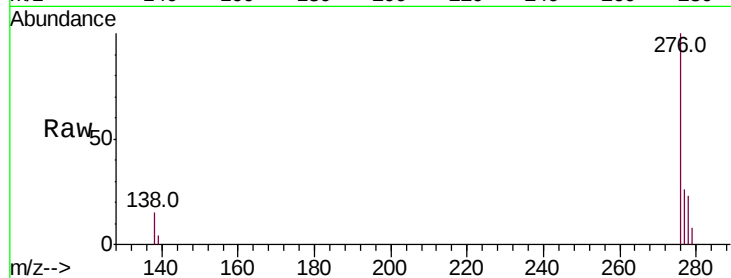
#25
 Dibenzo(a,h)anthracene
 Concen: 0.088 ng/ul
 RT: 25.59 min Scan# 7631
 Delta R.T. -0.01 min
 Lab File: BM025428.D
 Acq: 09 Mar 2020 23:40

Instrument :
 BNA_M
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 DBDQ5DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	9.0	13.6#
279	34.3	21.1	31.7#

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#26
 Benzo(g,h,i)perylene
 Concen: 0.229 ng/ul
 RT: 26.24 min Scan# 7900
 Delta R.T. -0.00 min
 Lab File: BM025428.D
 Acq: 09 Mar 2020 23:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.2	11.0	16.4
277	24.5	19.8	29.6

