

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031920\
 Data File : BM025651.D
 Acq On : 19 Mar 2020 13:41
 Operator : CG/JU
 Sample : L1516-09
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBD27

Manual Integrations
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mohammad
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Quant Time: Mar 19 14:51:26 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 : Wed Mar 18 05:07:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2268	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9311	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5984	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13719	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	15109	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	15779	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	3593	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	9804	0.26	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	13.94	152	1091	0.045	ng/ul#	78
9) Fluorene	15.27	166	1341	0.051	ng/ul#	97
12) Phenanthrene	17.00	178	96849	2.228	ng/ul	100
13) Anthracene	17.09	178	47149	1.246	ng/ul	99
15) Fluoranthene	19.02	202	323564	6.865	ng/ul	98
17) Pyrene	19.39	202	258586	3.813	ng/ul	98
18) Benzo(a)anthracene	21.14	228	120196	2.225	ng/ul	99
19) Chrysene	21.19	228	111593	1.840	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	100235m	1.604	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	38659m	0.591	ng/ul	
23) Benzo(a)pyrene	23.22	252	53819	1.037	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.43	276	23122	0.328	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.44	278	6637	0.112	ng/ul#	85
26) Benzo(g,h,i)perylene	26.08	276	14376	0.235	ng/ul#	97

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

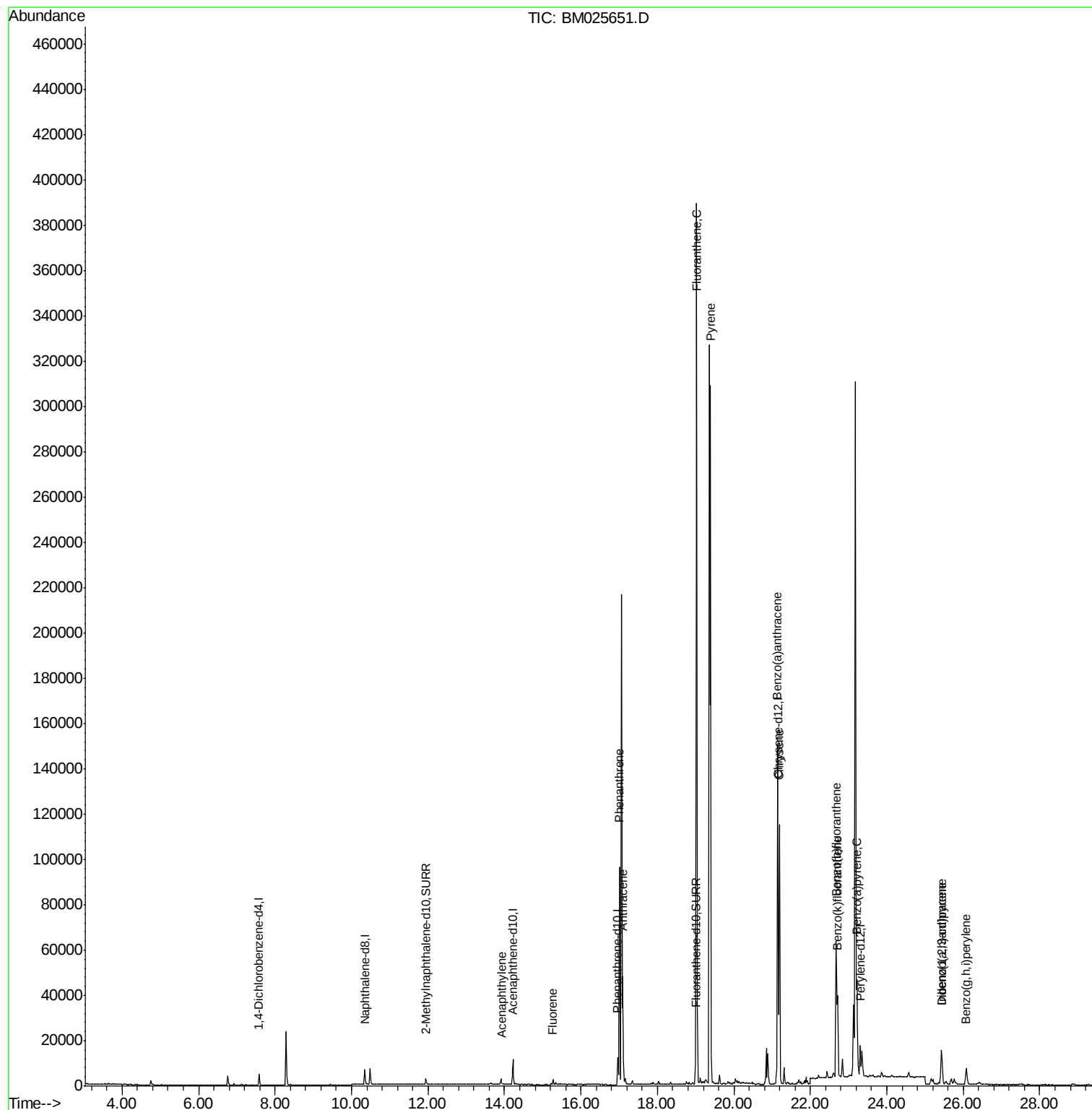
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031920\
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ALS Vial : 3 Sample Multiplier: 1

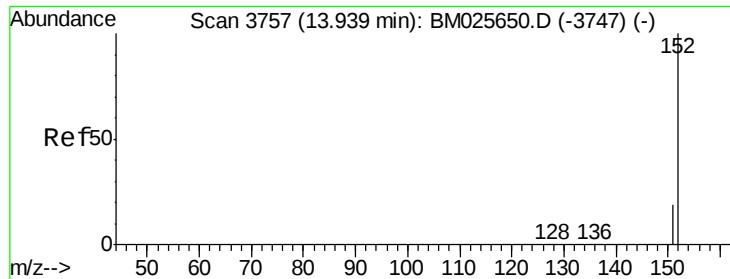
Instrument :
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DBD27

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Quant Time: Mar 19 14:51:26 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 : Wed Mar 18 05:07:34 2020
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.045 ng/ul

RT: 13.94 min Scan# 3757

Delta R.T. -0.00 min

Lab File: BM025651.D

Acq: 19 Mar 2020 13:41

Instrument :

BNA_M

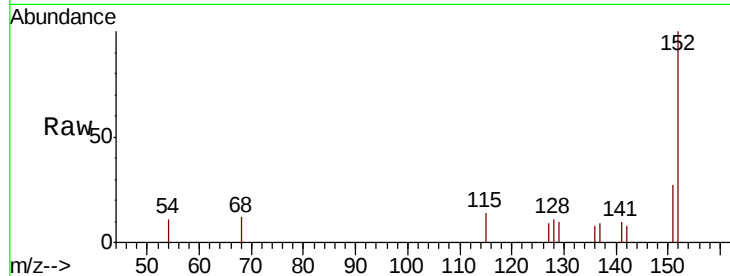
ClientSampleId :

DBD27

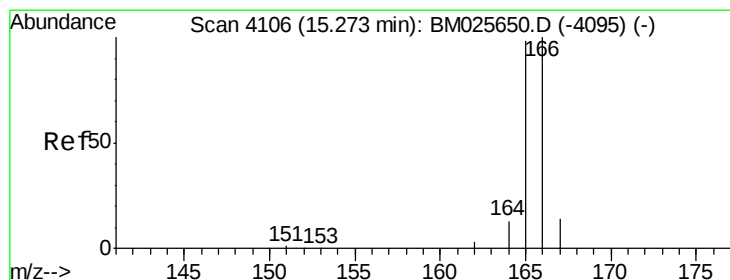
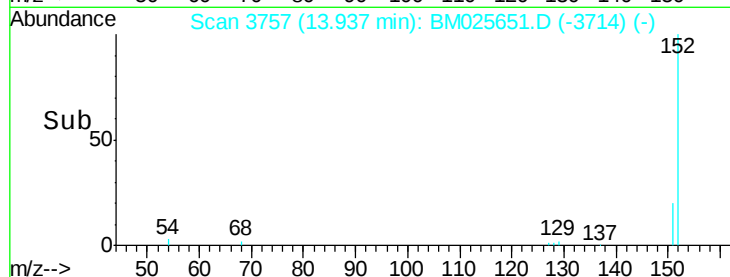
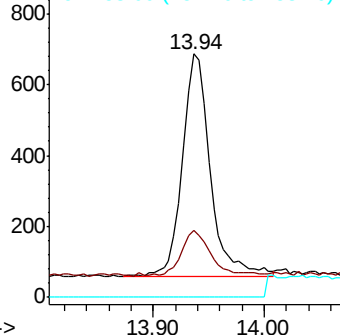
Tot Ion:	152	Resp:	1091
Ion Ratio	Lower	Upper	
152	100		
151	27.2	16.2	24.2#
153	0.0	10.6	16.0#

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#9

Fluorene

Concen: 0.051 ng/ul

RT: 15.27 min Scan# 4106

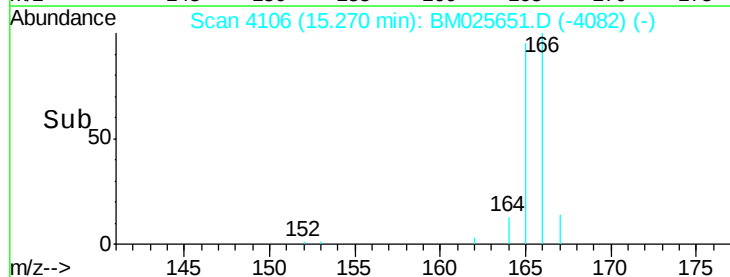
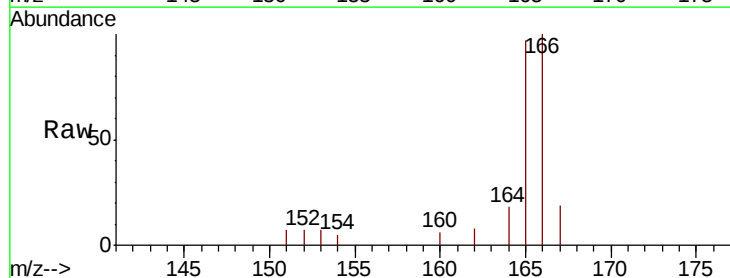
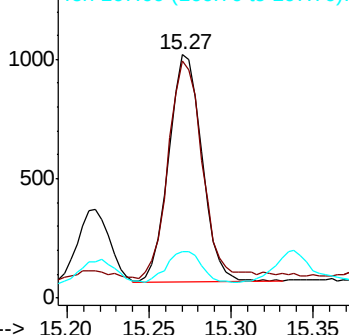
Delta R.T. -0.01 min

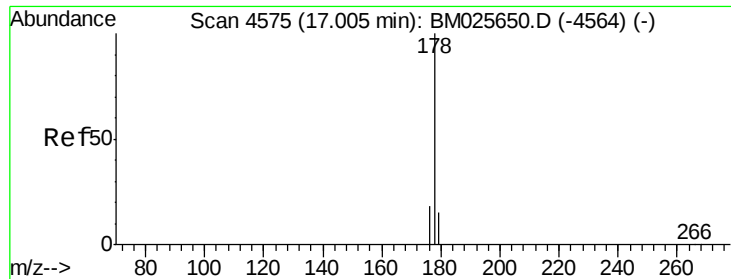
Lab File: BM025651.D

Acq: 19 Mar 2020 13:41

Tgt Ion:	166	Resp:	1341
Ion Ratio	Lower	Upper	
166	100		
165	97.5	76.8	115.2
167	19.0	11.2	16.8#

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: 2.228 ng/ul

RT: 17.00 min Scan# 4575

Delta R.T. -0.01 min

Lab File: BM025651.D

Acq: 19 Mar 2020 13:41

Instrument :

BNA_M

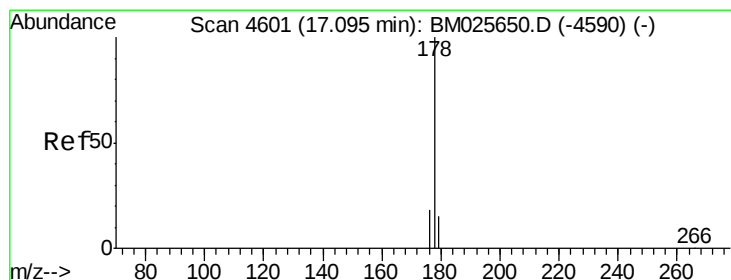
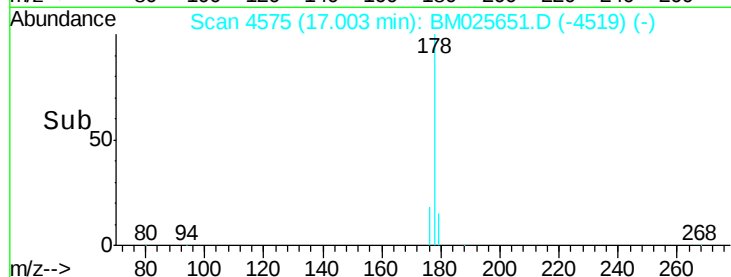
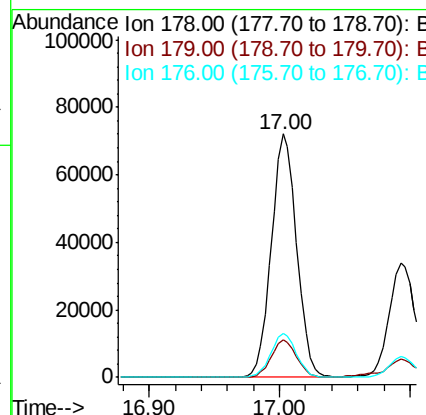
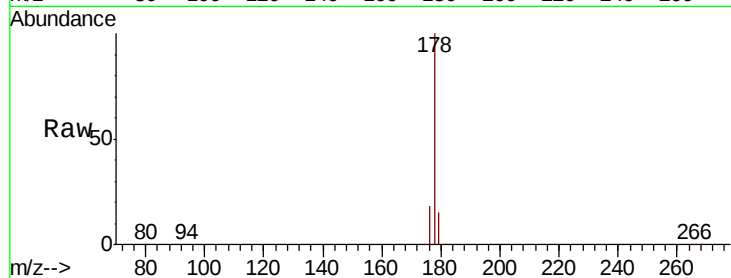
ClientSampleId :

DBD27

Tot Ion:178	Resp:	96849
Ion Ratio	Lower	Upper
178	100	
179	15.3	12.4 18.6
176	18.3	14.8 22.2

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#13

Anthracene

Concen: 1.246 ng/ul

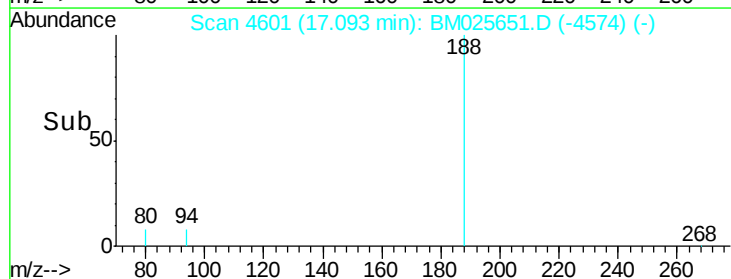
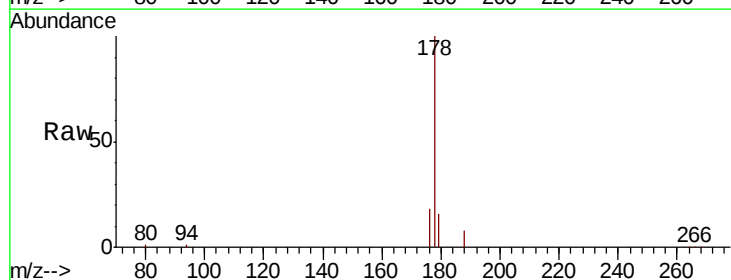
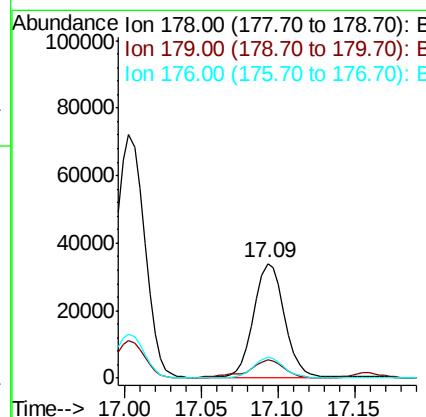
RT: 17.09 min Scan# 4601

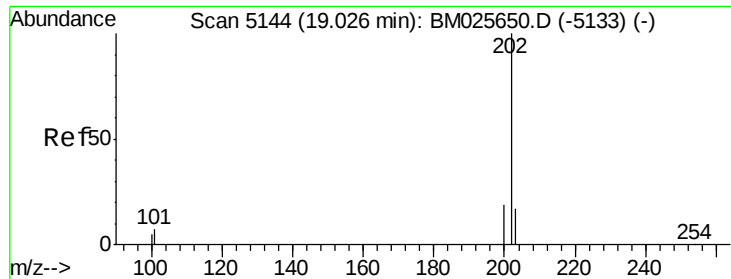
Delta R.T. -0.01 min

Lab File: BM025651.D

Acq: 19 Mar 2020 13:41

Tgt Ion:178	Resp:	47149
Ion Ratio	Lower	Upper
178	100	
179	15.9	12.6 18.8
176	17.7	14.5 21.7





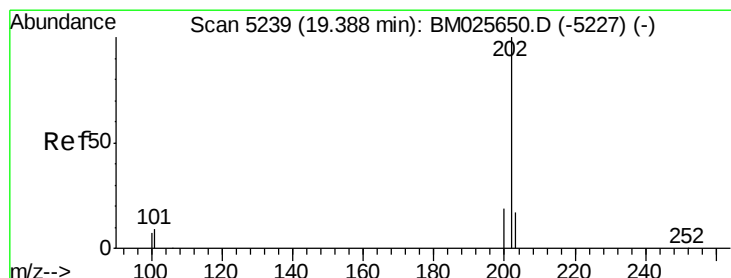
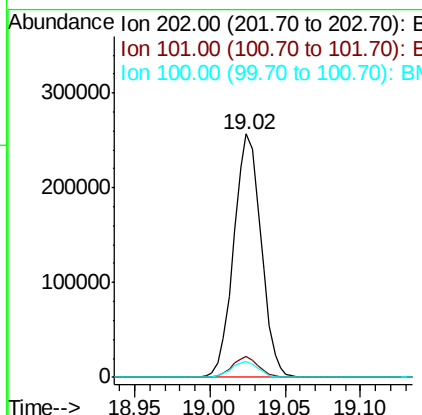
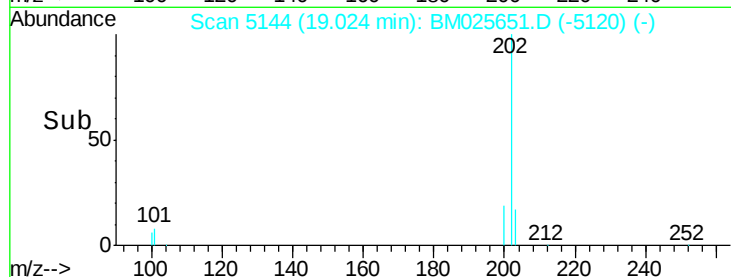
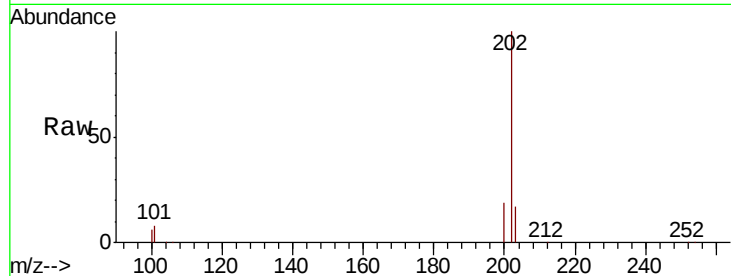
#15
Fluoranthene
Concen: 6.865 ng/ul
RT: 19.02 min Scan# 5144
Delta R.T. -0.01 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Instrument :
BNA_M
ClientSampleId :
DBD27

Tot Ion:	202	Resp:	323564
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	27.5
100	6.3	0.0	26.0

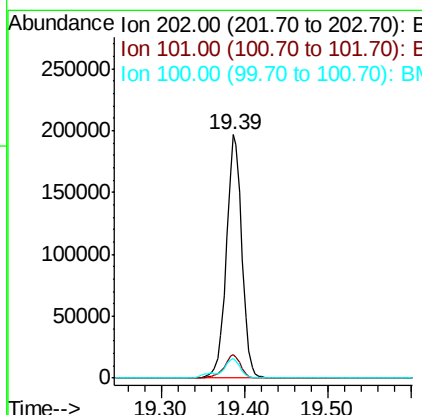
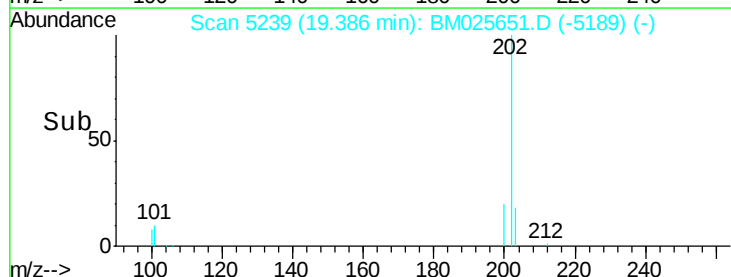
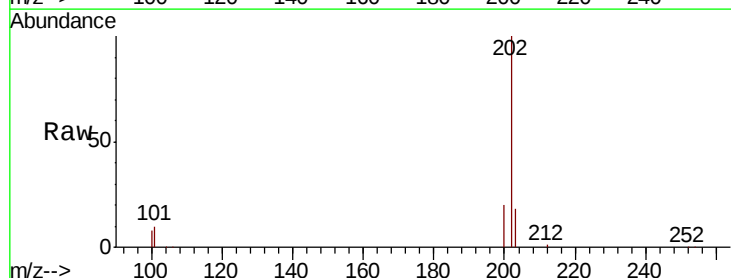
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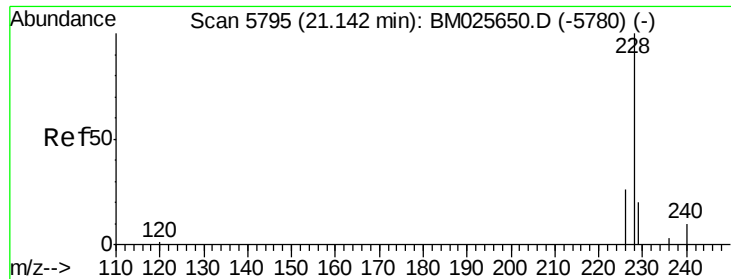
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#17
Pyrene
Concen: 3.813 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Tgt Ion:	202	Resp:	258586
Ion Ratio	Lower	Upper	
202	100		
101	9.7	7.1	10.7
100	8.0	6.0	9.0





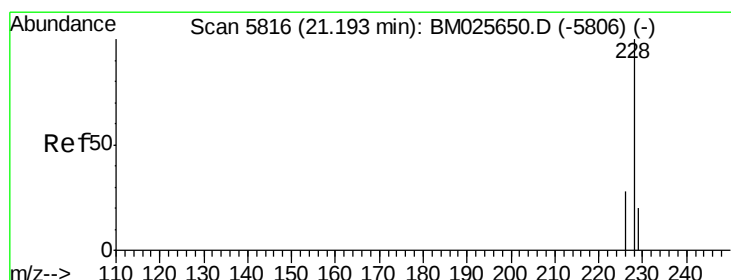
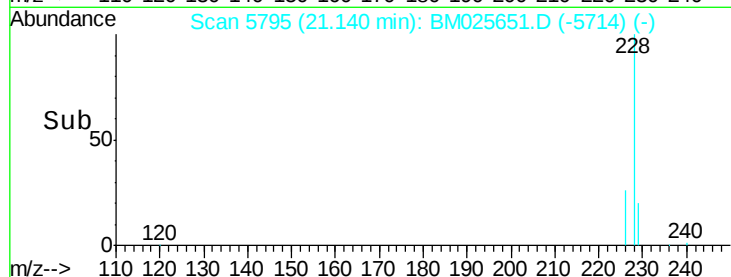
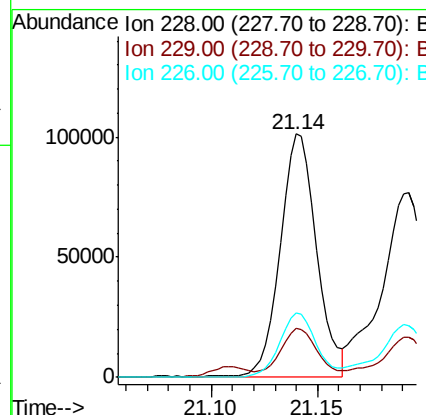
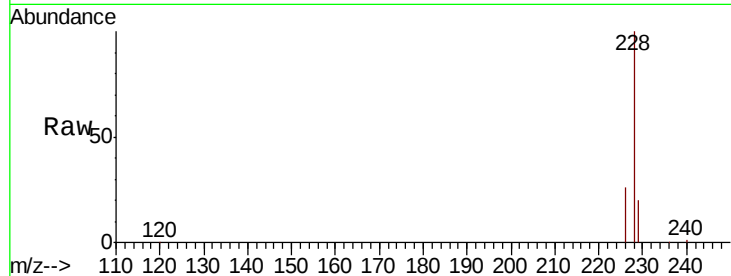
#18
Benzo(a)anthracene
Concen: 2.225 ng/ul
RT: 21.14 min Scan# 5795
Delta R.T. -0.00 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Instrument :
BNA_M
ClientSampleId :
DBD27

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	26.3	21.1	31.7

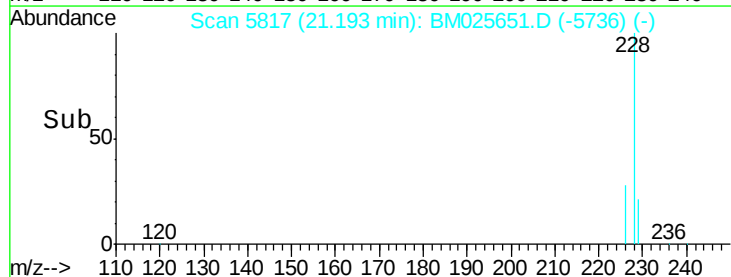
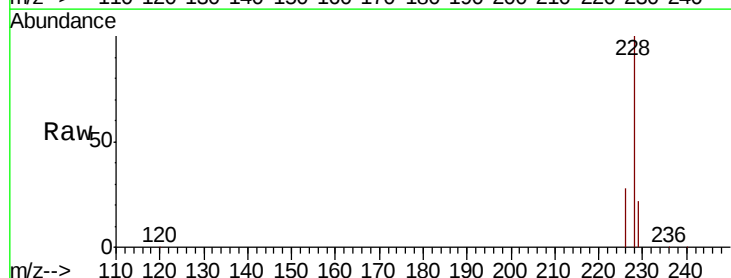
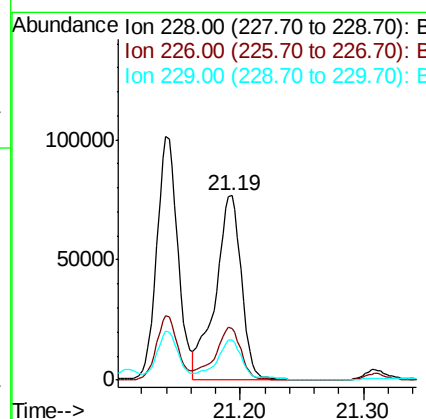
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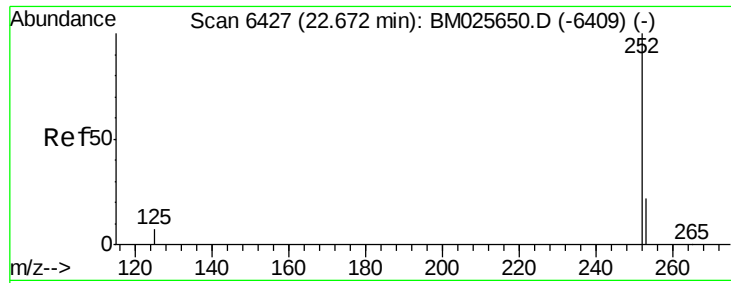
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#19
Chrysene
Concen: 1.840 ng/ul
RT: 21.19 min Scan# 5817
Delta R.T. -0.00 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.6	35.4
229	21.5	16.3	24.5





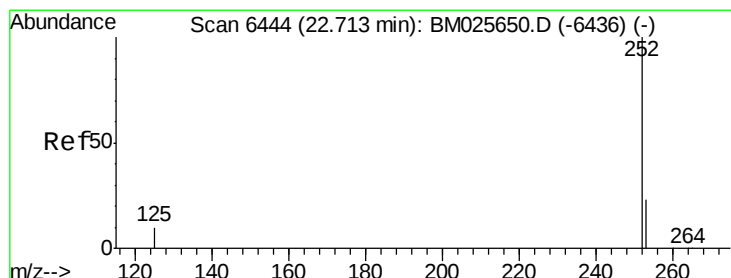
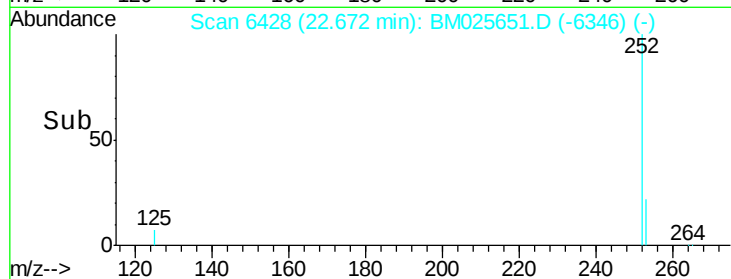
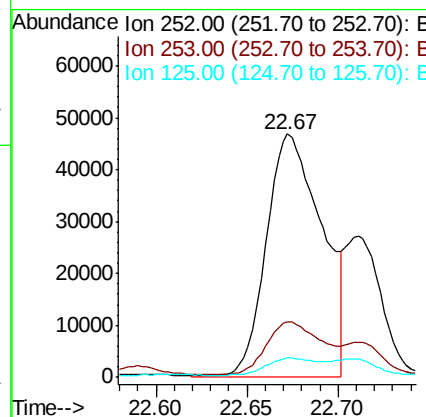
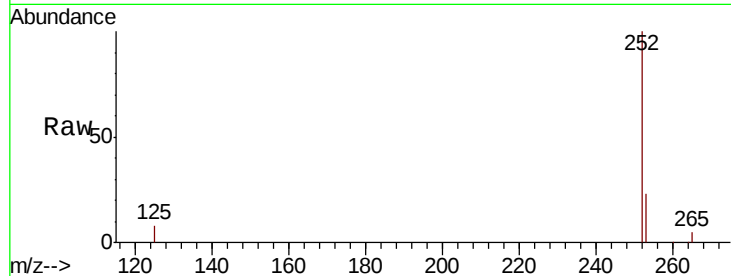
#21
Benzo(b)fluoranthene
Concen: 1.604 ng/ul m
RT: 22.67 min Scan# 6428
Delta R.T. -0.00 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Instrument :
BNA_M
ClientSampleId :
DBD27

Tot Ion	Ratio	Resp	Lower	Upper
252	100	100235		
253	22.9		0.0	50.2
125	7.9		0.0	17.6

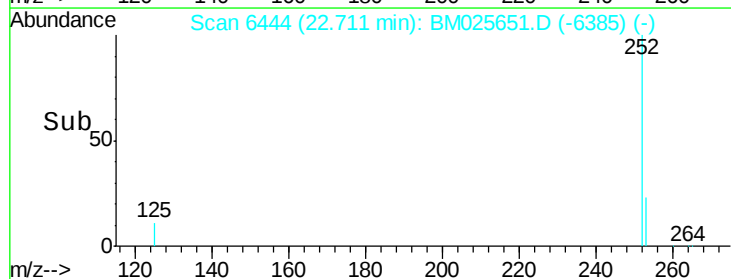
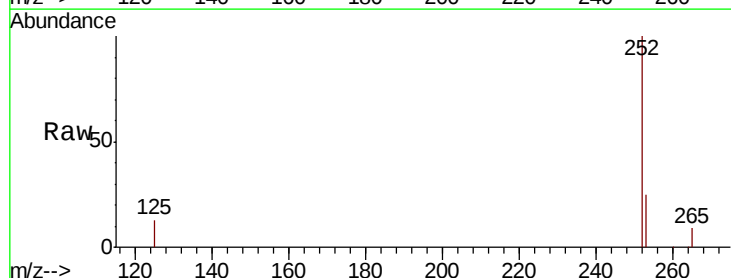
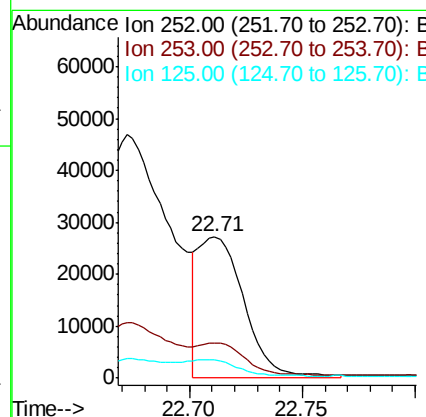
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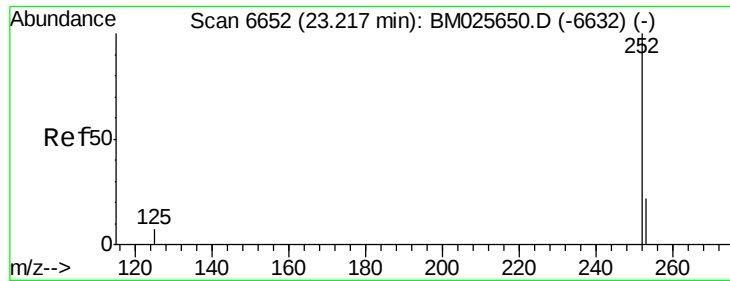
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#22
Benzo(k)fluoranthene
Concen: 0.591 ng/ul m
RT: 22.71 min Scan# 6444
Delta R.T. -0.01 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	38659		
253	25.0		19.8	29.8
125	12.6		7.1	10.7#





#23

Benzo(a)pyrene

Concen: 1.037 ng/ul

RT: 23.22 min Scan# 6652

Delta R.T. -0.00 min

Lab File: BM025651.D

Acq: 19 Mar 2020 13:41

Instrument :

BNA_M

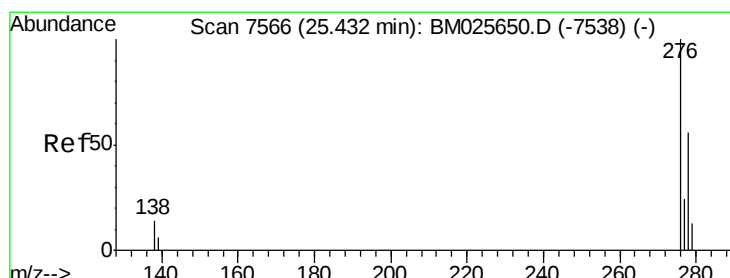
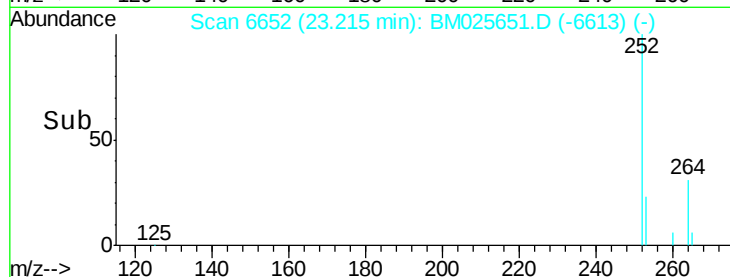
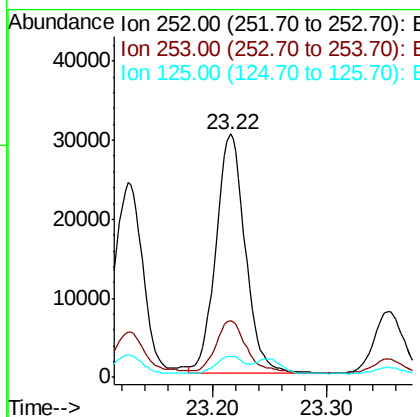
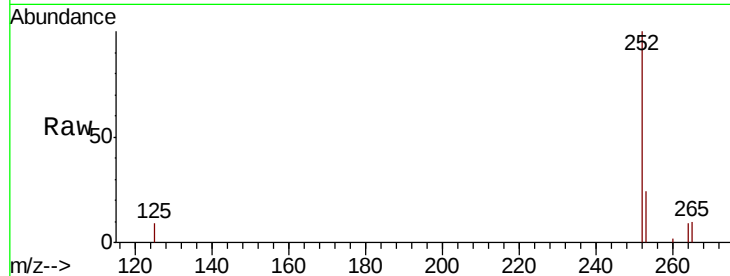
ClientSampleId :

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Tot Ion:	252	Resp:	53819
Ion Ratio	Lower	Upper	
252	100		
253	23.5	21.3	31.9
125	8.6	8.5	12.7

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.328 ng/ul

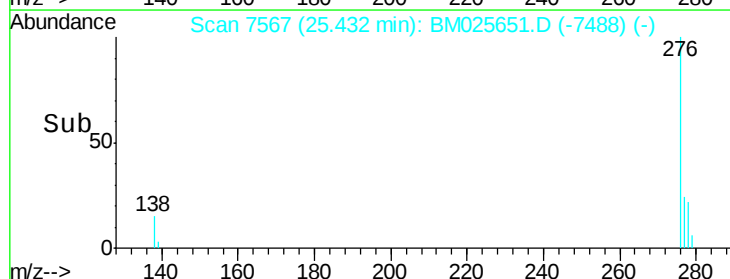
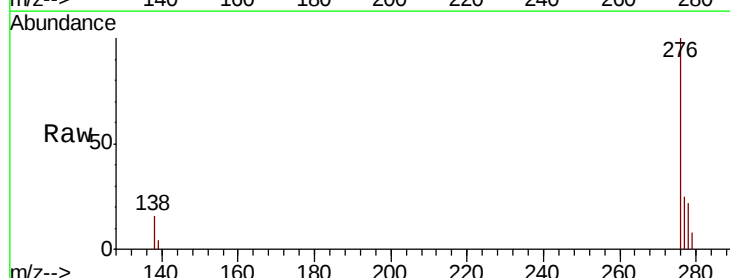
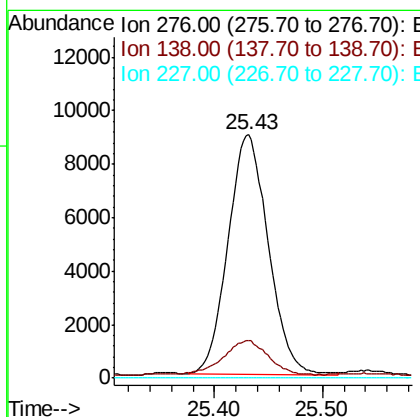
RT: 25.43 min Scan# 7567

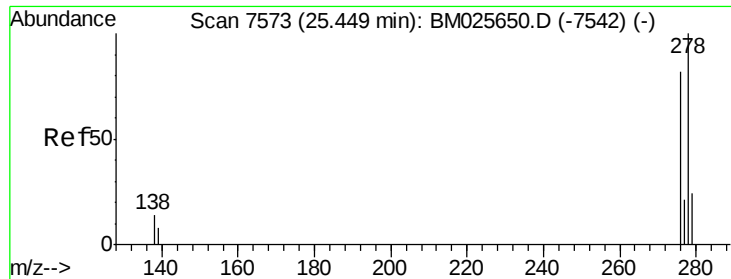
Delta R.T. -0.01 min

Lab File: BM025651.D

Acq: 19 Mar 2020 13:41

Tgt Ion:	276	Resp:	23122
Ion Ratio	Lower	Upper	
276	100		
138	15.7	12.3	18.5
227	0.0	0.0	0.0





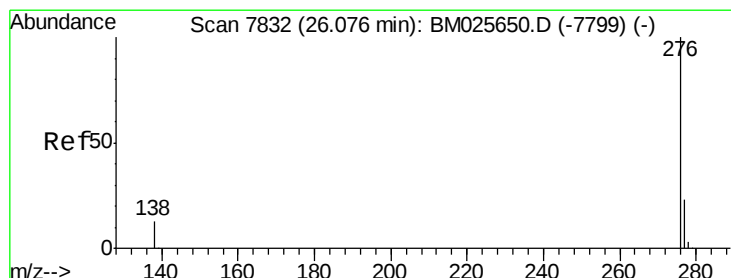
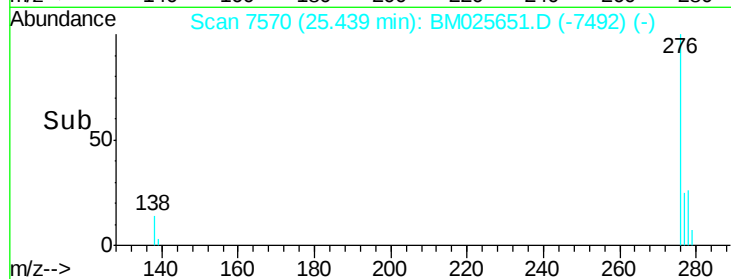
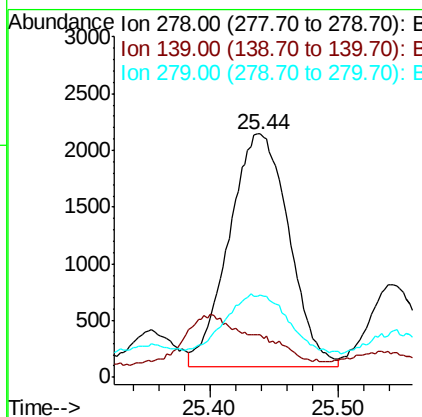
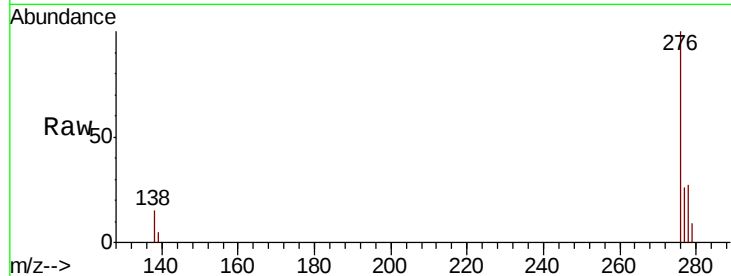
#25
Dibenzo(a,h)anthracene
Concen: 0.112 ng/ul
RT: 25.44 min Scan# 7570
Delta R.T. -0.01 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Instrument :
BNA_M
ClientSampleId :
DBD27

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.3	9.0	13.6#
279	33.6	21.1	31.7#

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#26
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul
RT: 26.08 min Scan# 7833
Delta R.T. -0.01 min
Lab File: BM025651.D
Acq: 19 Mar 2020 13:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.7	11.0	16.4#
277	24.7	19.8	29.6

