

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
 Data File : BM025536.D
 Acq On : 12 Mar 2020 23:26
 Operator : CG/JU
 Sample : L1782-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AB4

Manual Integrations
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 3/16/2020 1:50:49 PM

Quant Time: Mar 13 05:29:01 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	3708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	15571	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10925	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.03	188	22950m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	18080	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	18919	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	9687	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	26444	0.42	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	932	0.020	ng/ul#	80
7) Acenaphthylene	14.00	152	1058	0.024	ng/ul#	86
8) Acenaphthene	14.35	153	1403	0.036	ng/ul	98
9) Fluorene	15.33	166	990	0.021	ng/ul#	97
12) Phenanthrene	17.07	178	16013	0.220	ng/ul	99
13) Anthracene	17.16	178	5543	0.088	ng/ul	95
15) Fluoranthene	19.09	202	44707	0.567	ng/ul	98
17) Pyrene	19.45	202	41999	0.518	ng/ul	96
18) Benzo(a)anthracene	21.20	228	23250	0.360	ng/ul	99
19) Chrysene	21.25	228	23646	0.326	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	34487m	0.460	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	12372m	0.158	ng/ul	
23) Benzo(a)pyrene	23.30	252	24240	0.390	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.57	276	16636	0.197	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.57	278	4505	0.063	ng/ul#	80
26) Benzo(a,h,i)perylene	26.22	276	15252	0.208	ng/ul#	96

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

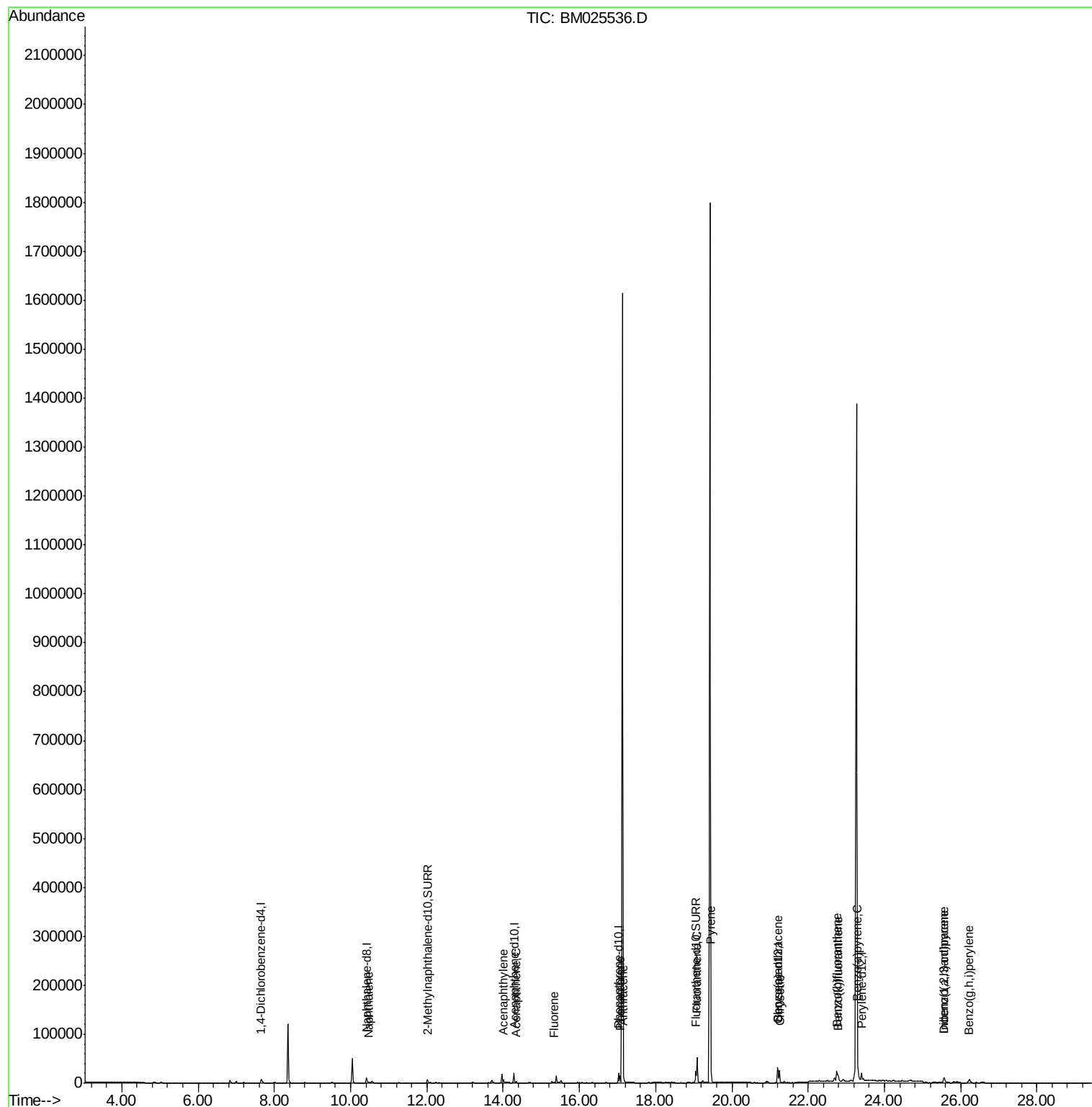
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031220\
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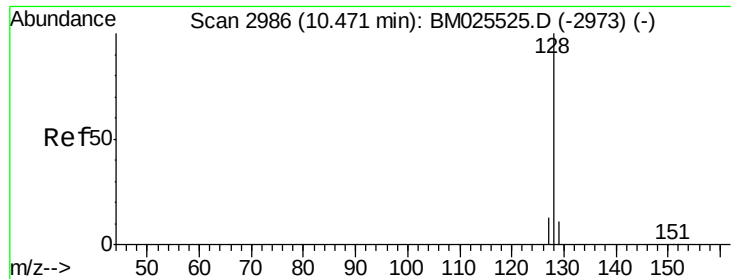
Instrument :
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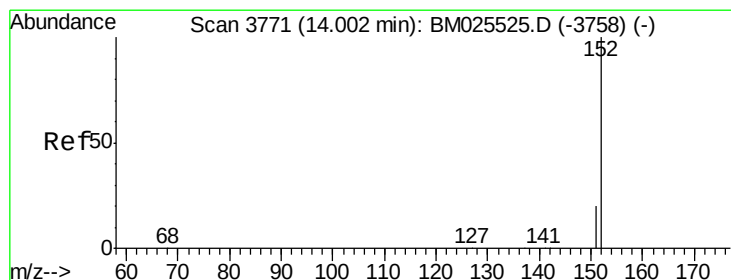
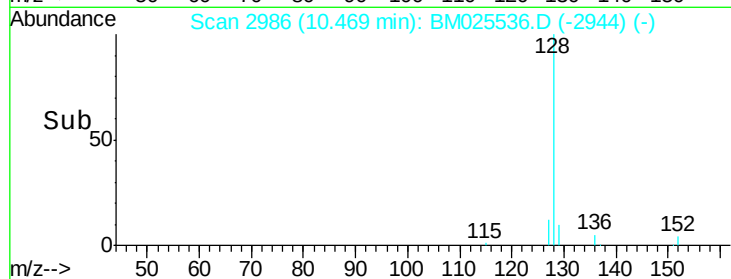
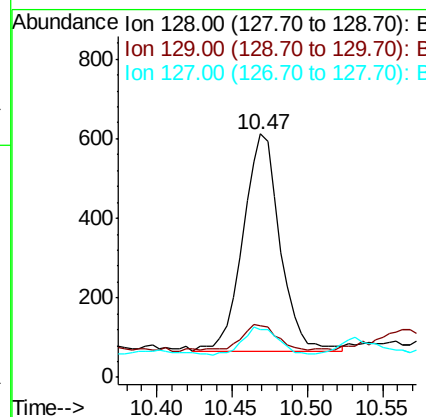
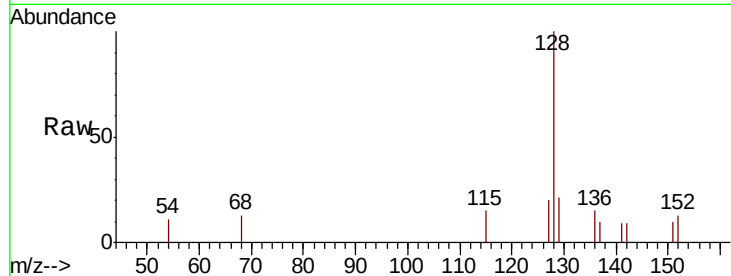
#3
Naphthalene
Concen: 0.020 ng/ul
RT: 10.47 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Instrument :
BNA_M
ClientSampleId :
C0AB4

Tot Ion	Ratio	Lower	Upper
128	100		
129	21.2	9.4	14.0#
127	19.9	10.9	16.3#

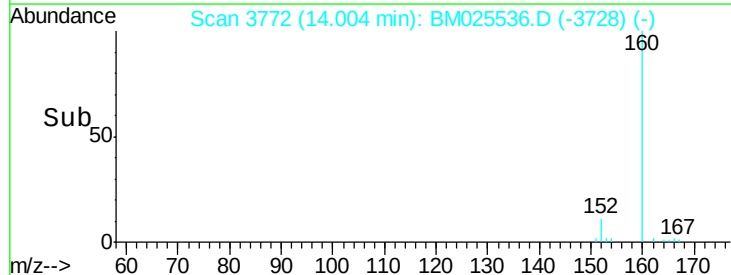
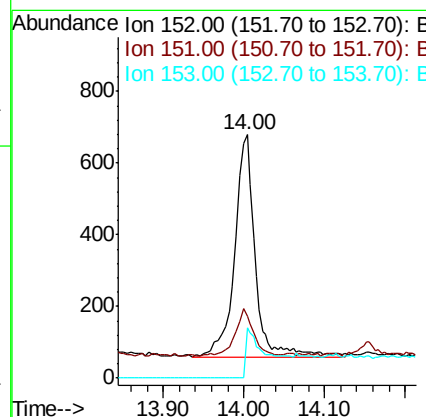
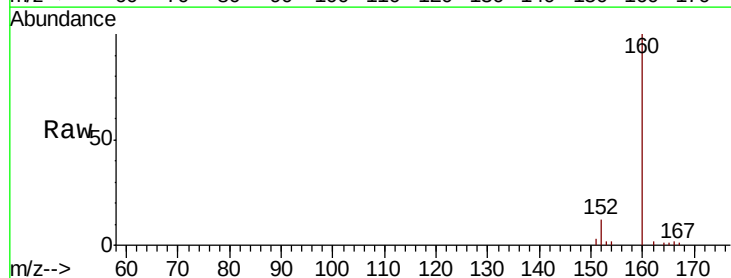
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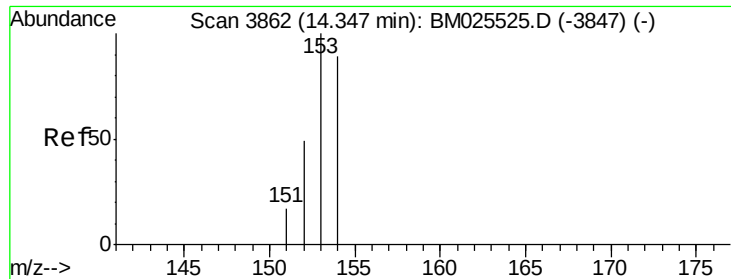
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#7
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.00 min Scan# 3772
Delta R.T. -0.00 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	25.6	16.2	24.2#
153	20.6	10.6	16.0#





#8

Acenaphthene

Concen: 0.036 ng/ul

RT: 14.35 min Scan# 3862

Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Instrument :

BNA_M

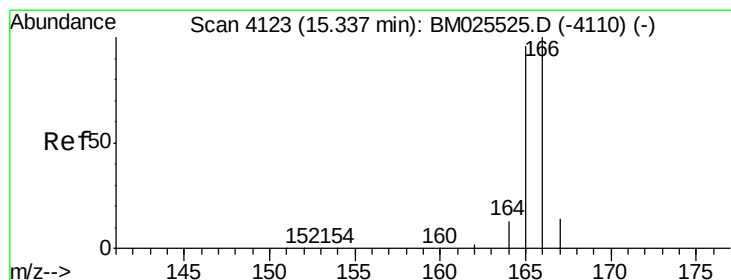
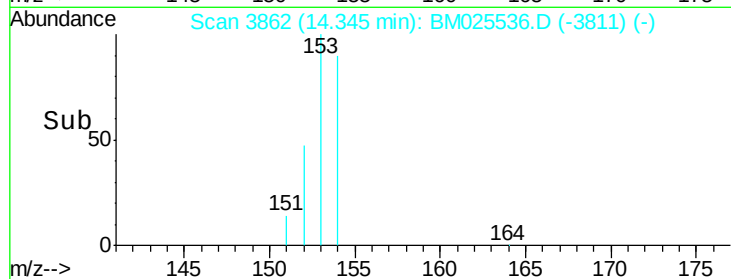
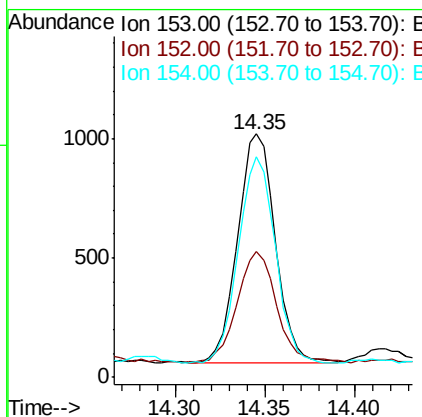
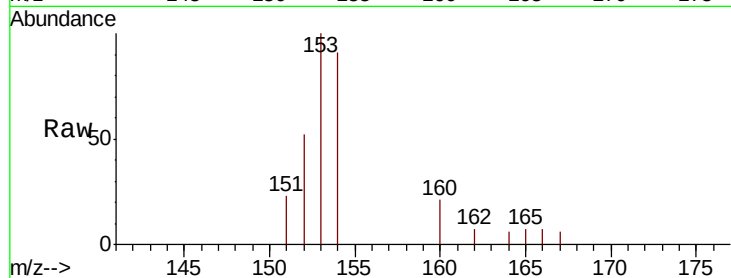
ClientSampled :

C0AB4

Tot Ion:	153	Resp:	1403
Ion Ratio	Lower	Upper	
153	100		
152	51.5	39.5	59.3
154	90.8	71.7	107.5

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#9

Fluorene

Concen: 0.021 ng/ul

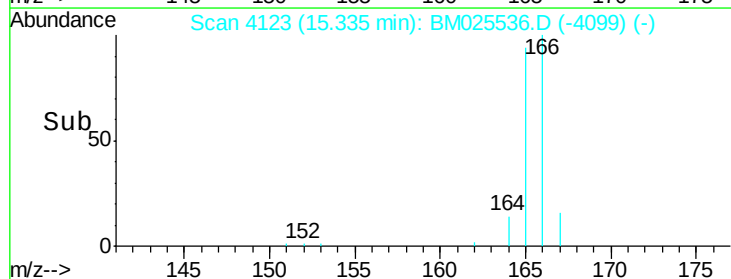
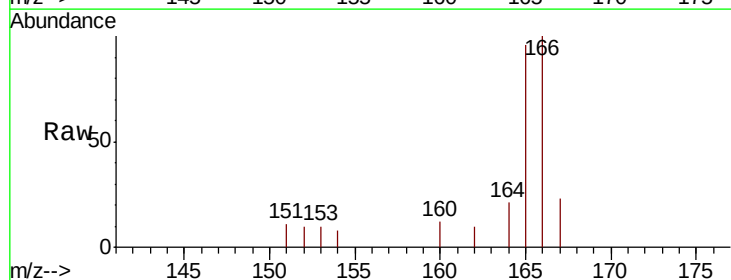
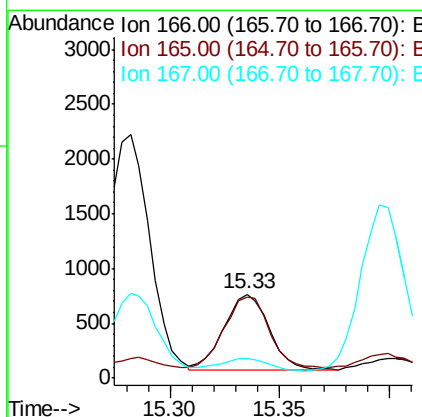
RT: 15.33 min Scan# 4123

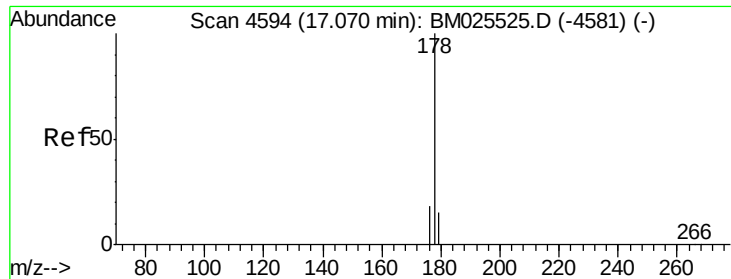
Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Tgt Ion:	166	Resp:	990
Ion Ratio	Lower	Upper	
166	100		
165	96.4	76.8	115.2
167	23.4	11.2	16.8#





#12

Phenanthrene

Concen: 0.220 ng/ul

RT: 17.07 min Scan# 4594

Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Instrument :

BNA_M

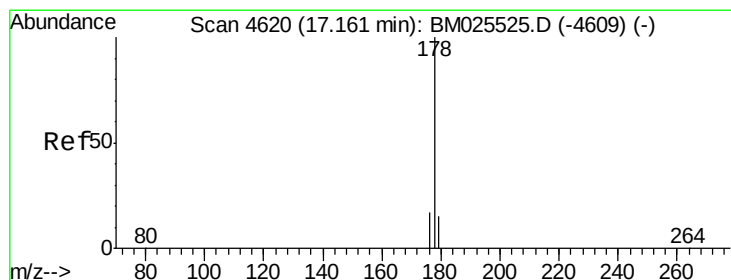
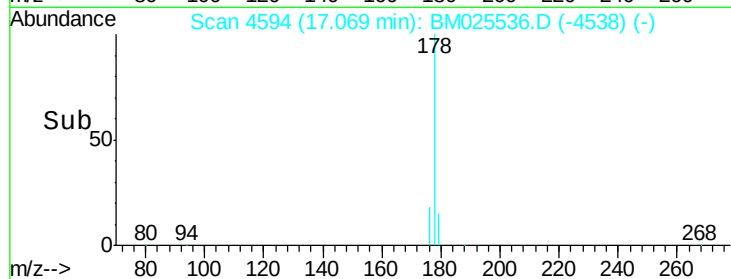
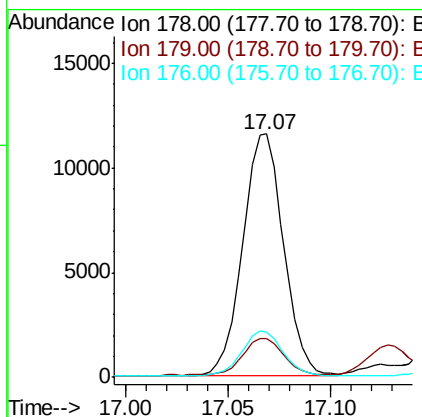
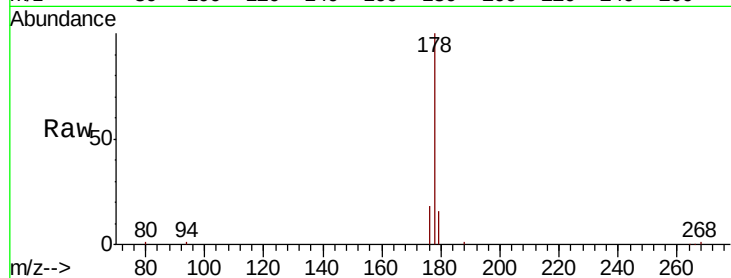
ClientSampleId :

C0AB4

Tot Ion:178	Resp:	16013
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.4 18.6
176	18.5	14.8 22.2

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#13

Anthracene

Concen: 0.088 ng/ul

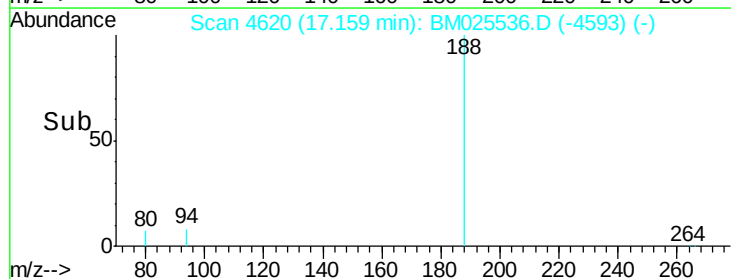
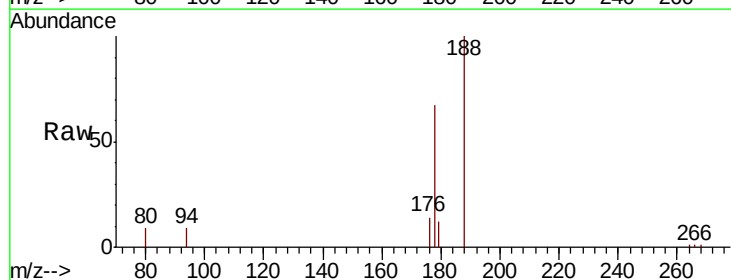
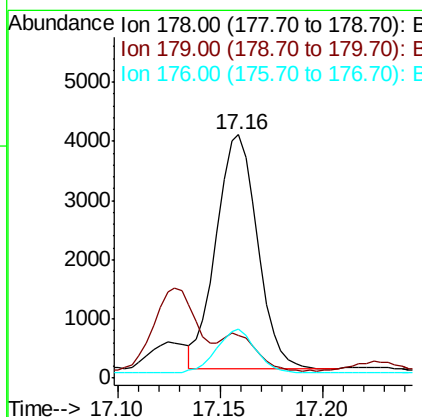
RT: 17.16 min Scan# 4620

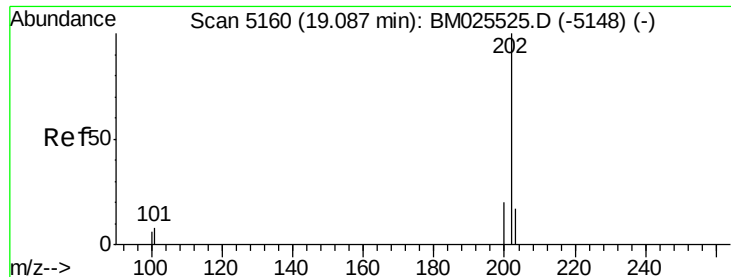
Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Tgt Ion:178	Resp:	5543
Ion Ratio	Lower	Upper
178	100	
179	17.8	12.6 18.8
176	20.2	14.5 21.7





#15

Fluoranthene

Concen: 0.567 ng/ul

RT: 19.09 min Scan# 5160

Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Instrument :

BNA_M

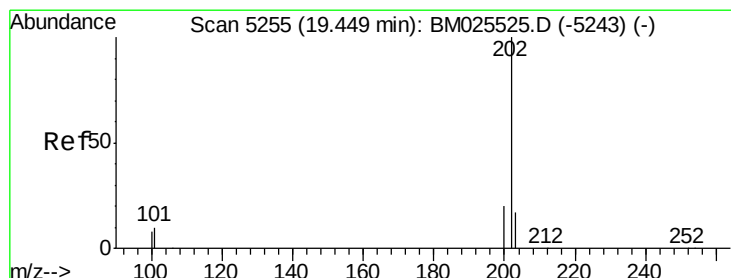
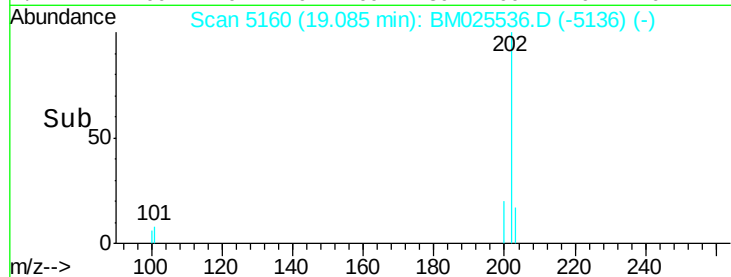
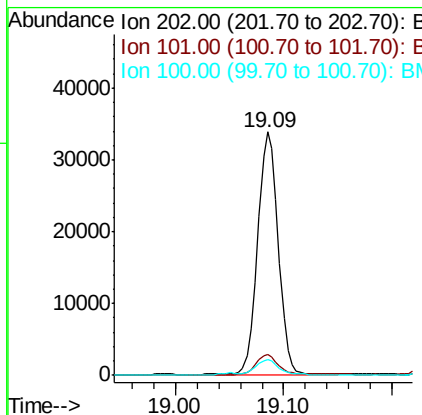
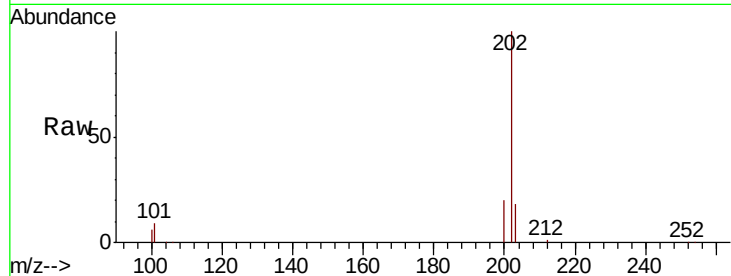
ClientSampleId :

C0AB4

Tot Ion:	202	Resp:	44707
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	27.5
100	6.4	0.0	26.0

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#17

Pyrene

Concen: 0.518 ng/ul

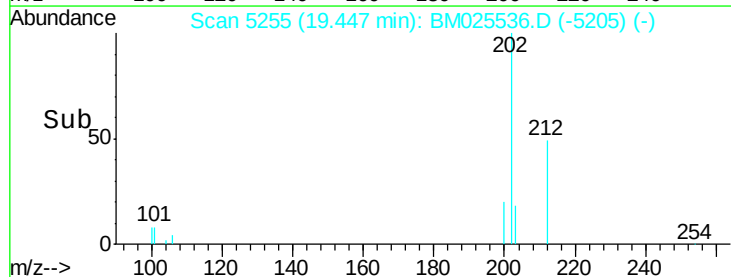
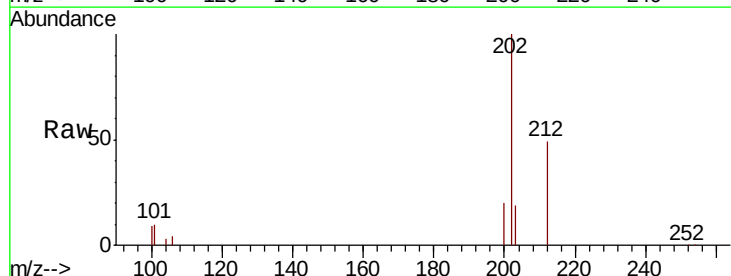
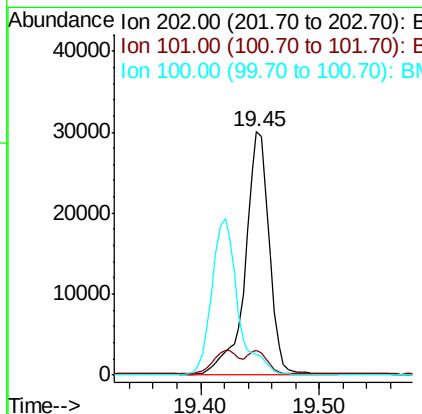
RT: 19.45 min Scan# 5255

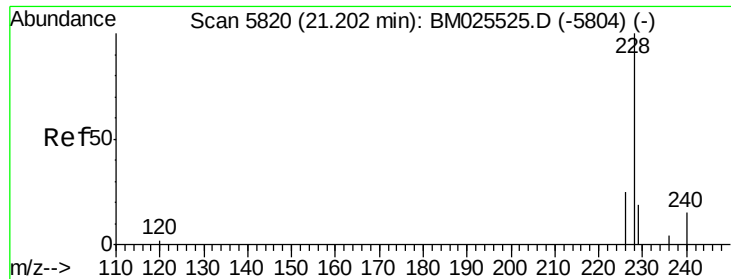
Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Tgt Ion:	202	Resp:	41999
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.1	10.7
100	8.7	6.0	9.0





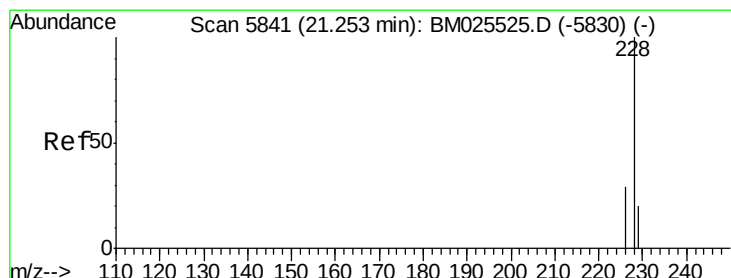
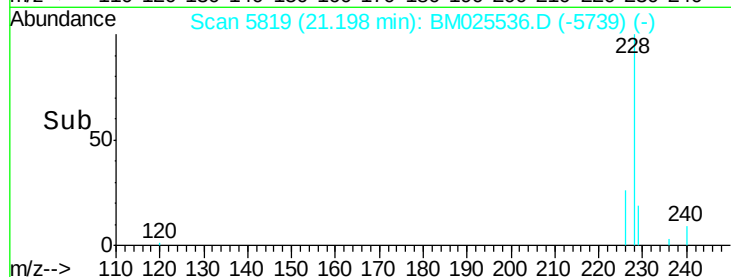
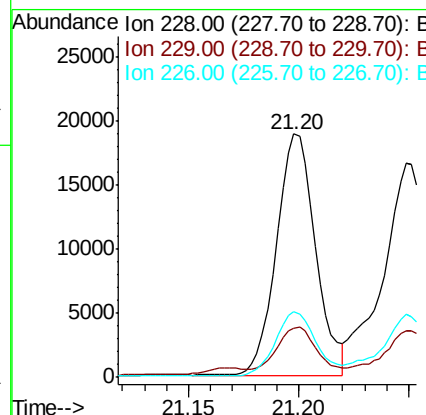
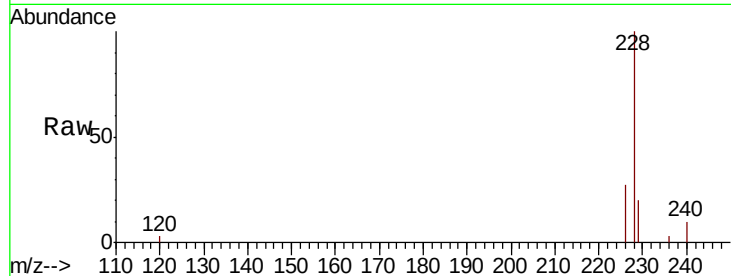
#18
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.20 min Scan# 5819
Delta R.T. -0.01 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Instrument :
BNA_M
ClientSampled :
C0AB4

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	26.9	21.1	31.7

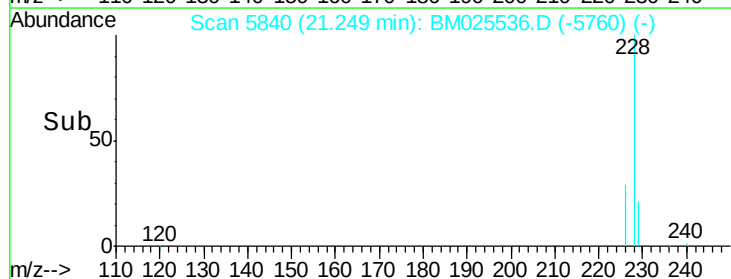
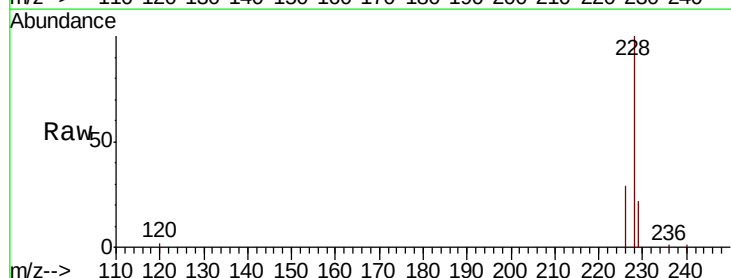
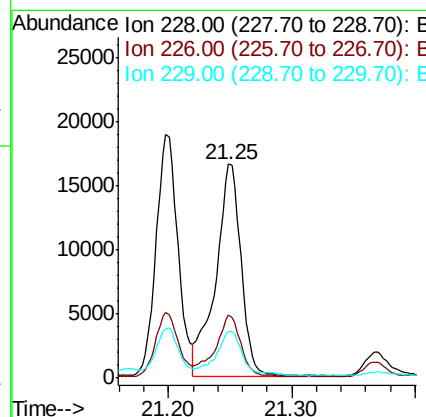
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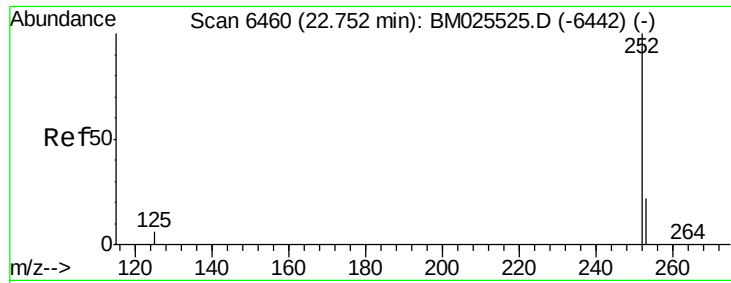
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#19
Chrysene
Concen: 0.326 ng/ul
RT: 21.25 min Scan# 5840
Delta R.T. -0.01 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.6	35.4
229	22.0	16.3	24.5





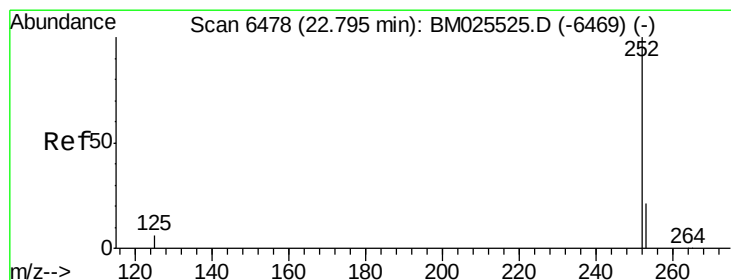
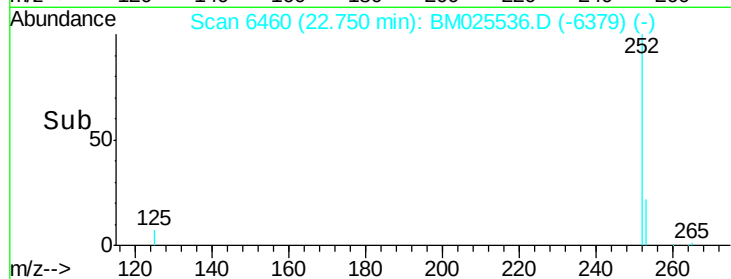
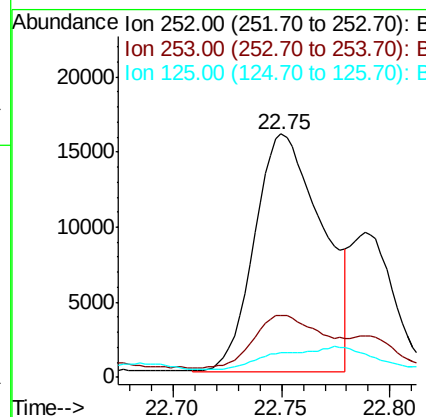
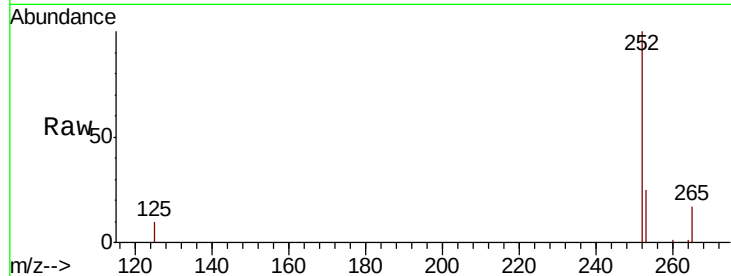
#21
Benzo(b)fluoranthene
Concen: 0.460 ng/ul m
RT: 22.75 min Scan# 6460
Delta R.T. -0.00 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Instrument :
BNA_M
ClientSampled :
C0AB4

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	50.2
125	9.9	0.0	17.6

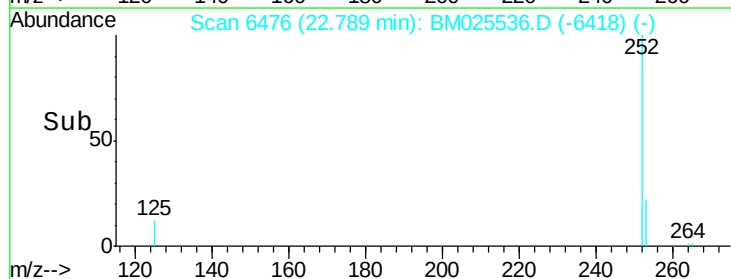
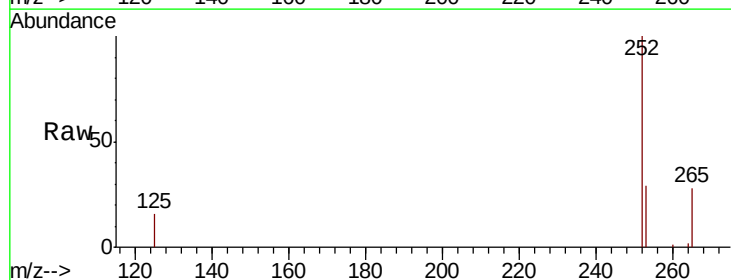
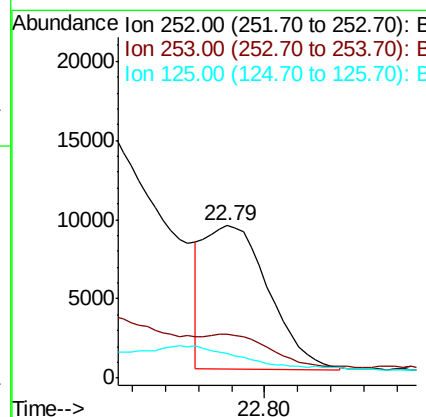
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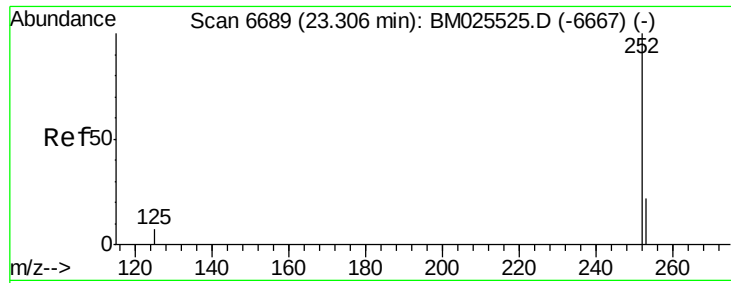
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#22
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 22.79 min Scan# 6476
Delta R.T. -0.01 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.8	29.8
125	16.5	7.1	10.7





#23

Benzo(a)pyrene

Concen: 0.390 ng/ul

RT: 23.30 min Scan# 6688

Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Instrument :

BNA_M

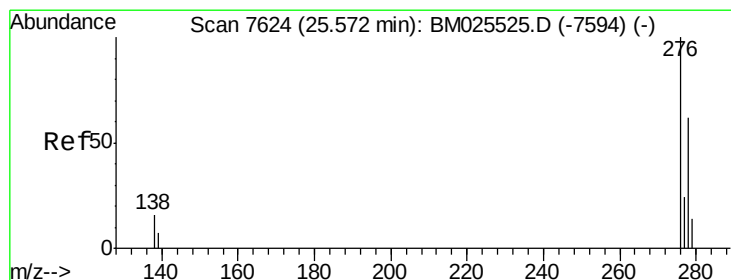
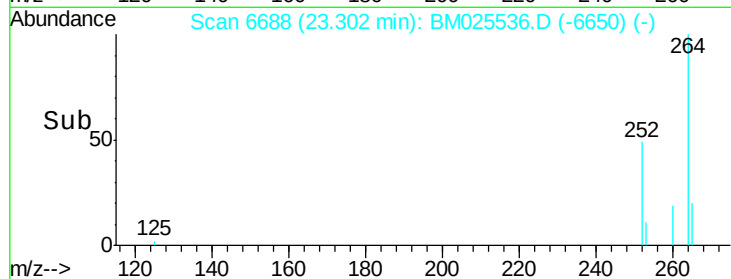
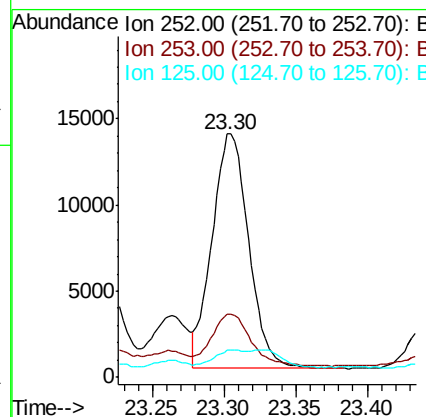
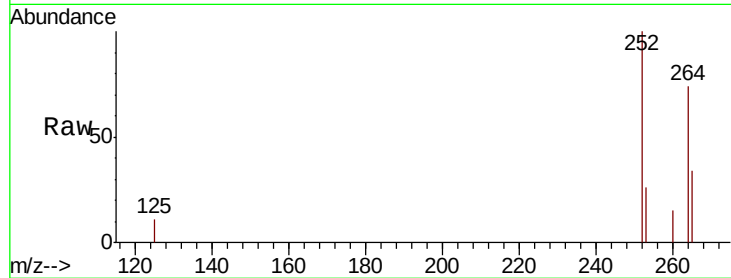
ClientSampleId :

C0AB4

Tot Ion:	252	Resp:	24240
Ion Ratio	Lower	Upper	
252	100		
253	25.8	21.3	31.9
125	11.0	8.5	12.7

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.197 ng/ul

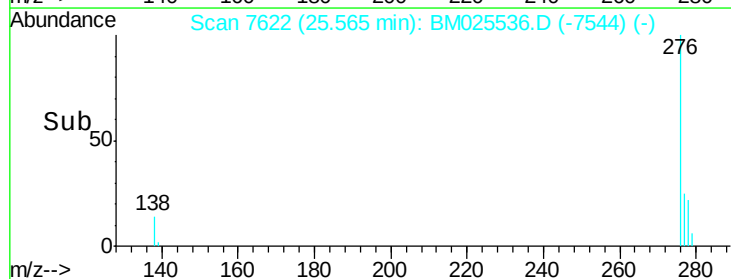
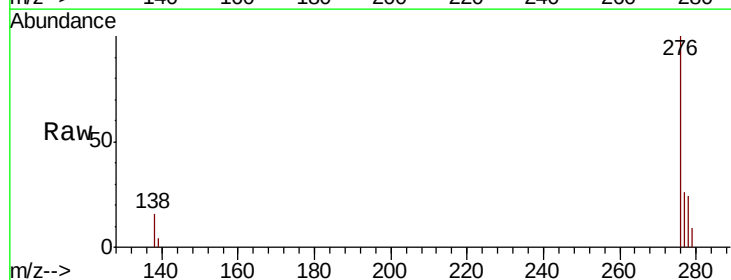
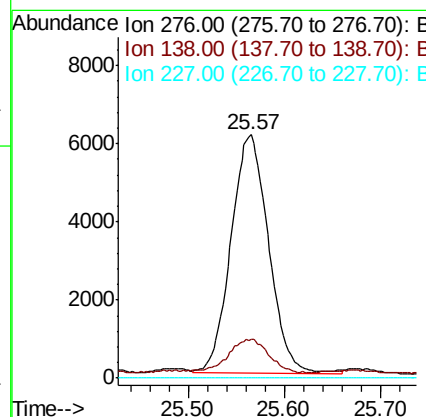
RT: 25.57 min Scan# 7622

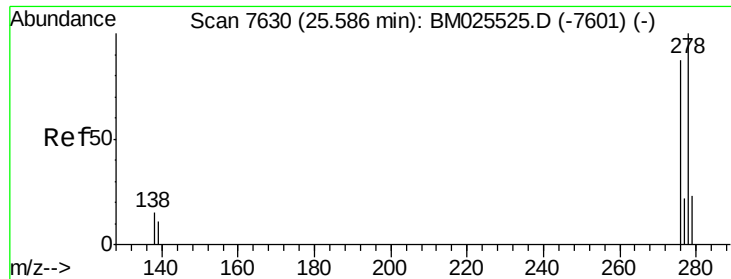
Delta R.T. -0.01 min

Lab File: BM025536.D

Acq: 12 Mar 2020 23:26

Tgt Ion:	276	Resp:	16636
Ion Ratio	Lower	Upper	
276	100		
138	15.1	12.3	18.5
227	0.0	0.0	0.0





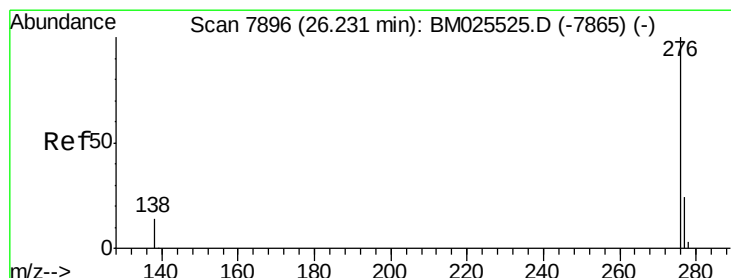
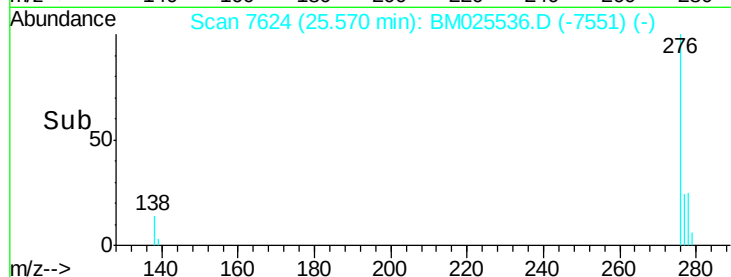
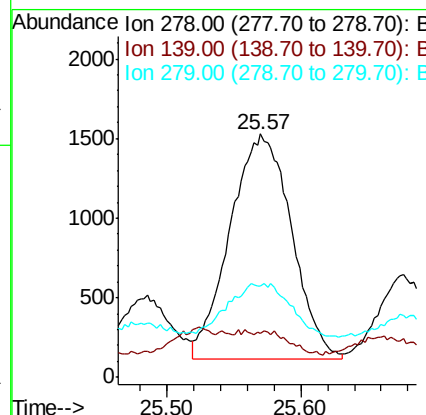
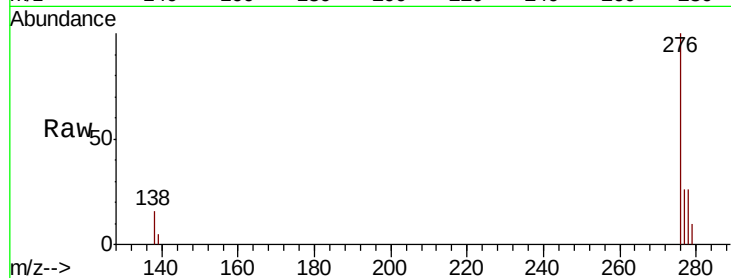
#25
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 25.57 min Scan# 7624
Delta R.T. -0.02 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Instrument :
BNA_M
ClientSampleId :
C0AB4

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	9.0	13.6#
279	37.4	21.1	31.7#

Manual Integrations
APPROVED

mohammad
3/16/2020 1:50:49 PM



#26
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 26.22 min Scan# 7894
Delta R.T. -0.01 min
Lab File: BM025536.D
Acq: 12 Mar 2020 23:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	11.0	16.4#
277	25.5	19.8	29.6

