

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
 Data File : BM025922.D
 Acq On : 03 Apr 2020 21:10
 Operator : CG/JU
 Sample : L2062-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E05

Manual Integrations
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Quant Time: Apr 03 23:09:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 22:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	5580	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	24403	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	16446	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	36439m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	32027	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	26676	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	11051	0.25	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	31780	0.28	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	3979	0.055	ng/ul#	94
5) 2-Methylnaphthalene	12.00	142	1688	0.034	ng/ul	99
7) Acenaphthylene	13.92	152	86414	1.229	ng/ul	98
8) Acenaphthene	14.26	153	12106	0.207	ng/ul	99
9) Fluorene	15.25	166	23986	0.331	ng/ul	100
11) Pentachlorophenol	16.61	266	341	0.038	ng/ul	87
12) Phenanthrene	16.99	178	80132	0.698	ng/ul	99
13) Anthracene	17.08	178	2225132	21.939	ng/ul	99
15) Fluoranthene	19.01	202	4081162	28.771	ng/ul	99
17) Pyrene	19.38	202	5875967	51.229	ng/ul	97
18) Benzo(a)anthracene	21.13	228	2866291	25.037	ng/ul	97
19) Chrysene	21.19	228	4770544	38.178	ng/ul	99
21) Benzo(b)fluoranthene	22.66	252	4248911m	43.280	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1598703m	15.187	ng/ul	
23) Benzo(a)pyrene	23.20	252	1852731	21.118	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.40	276	775023	6.596	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.41	278	231156	2.357	ng/ul	98
26) Benzo(a,h,i)perylene	26.05	276	450544	4.533	ng/ul	99

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

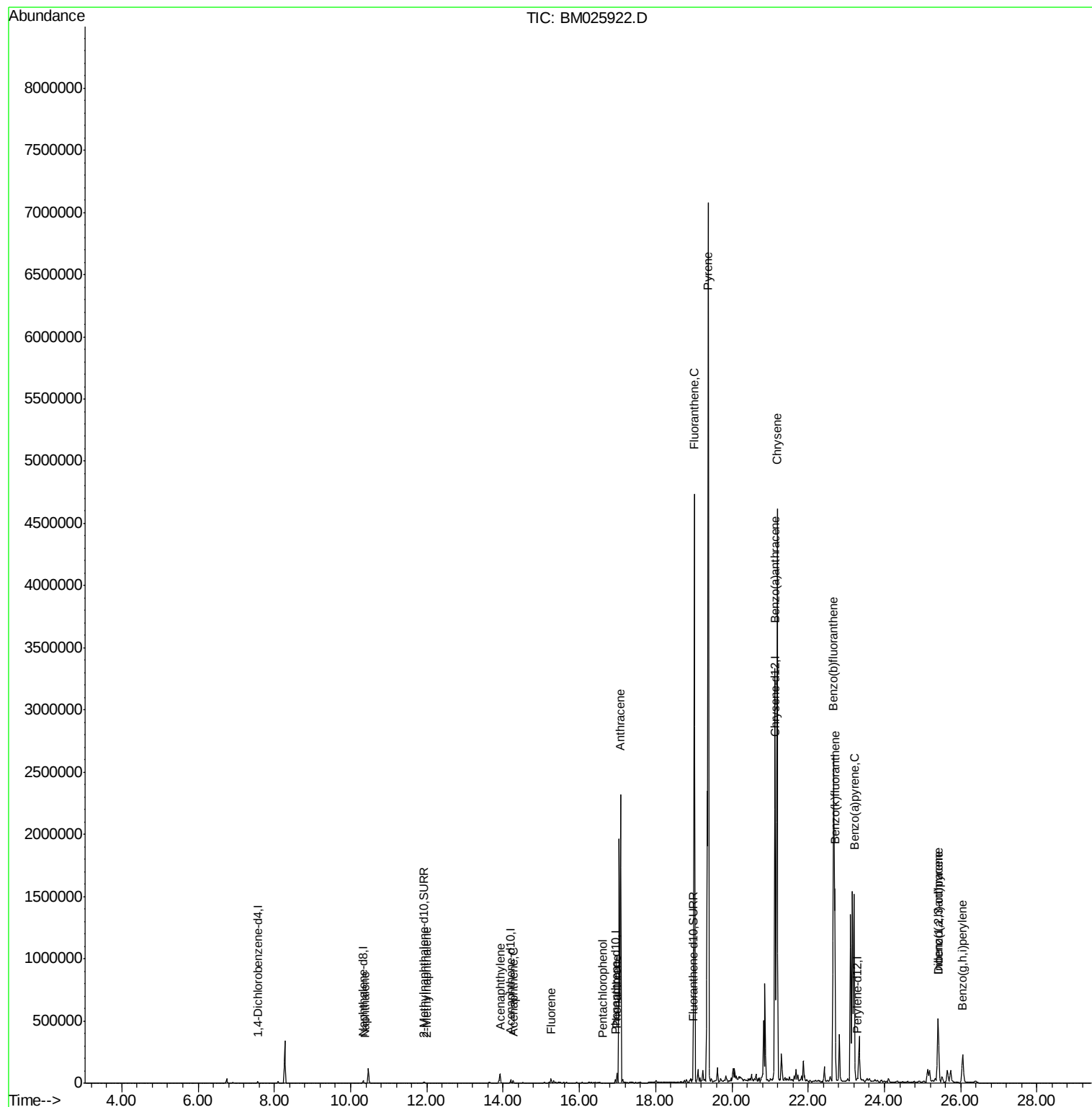
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
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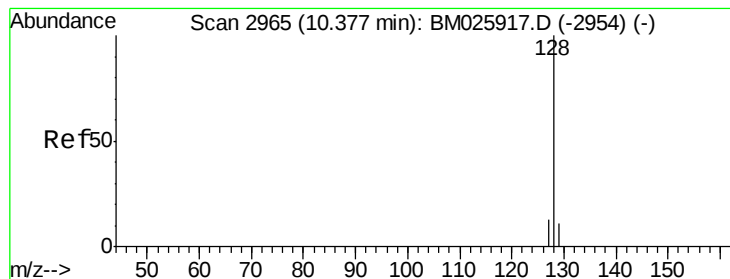
Instrument :
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F3E05

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Quant Time: Apr 03 23:09:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
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QLast Update : Fri Apr 03 22:53:21 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.055 ng/ul

RT: 10.38 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Instrument :

BNA_M

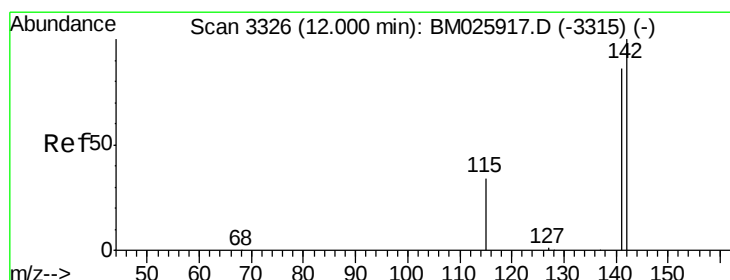
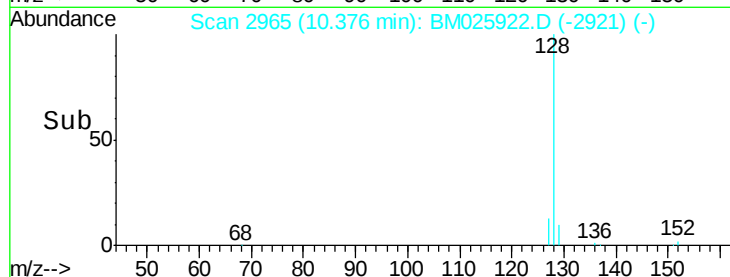
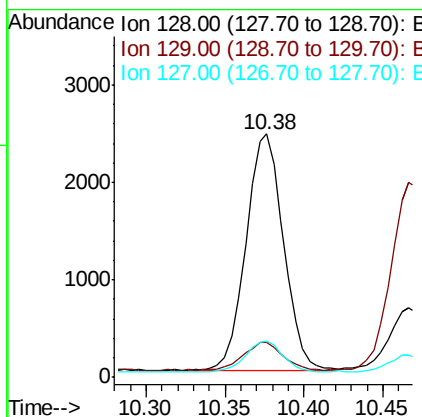
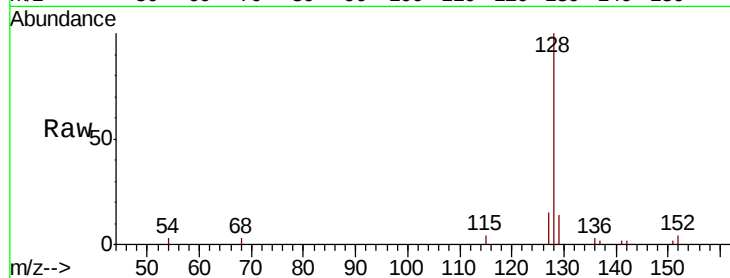
ClientSampleId :

F3E05

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.3	9.1	13.7#
127	15.0	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.034 ng/ul

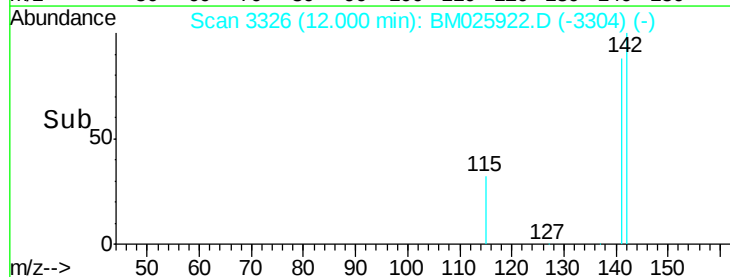
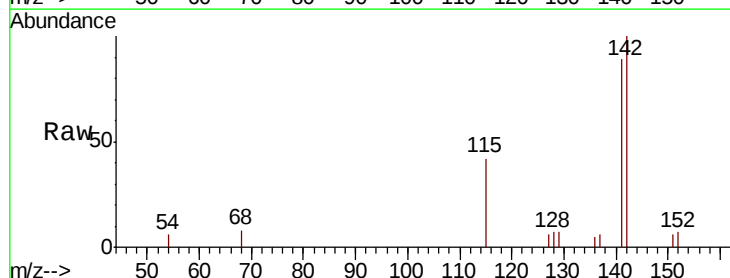
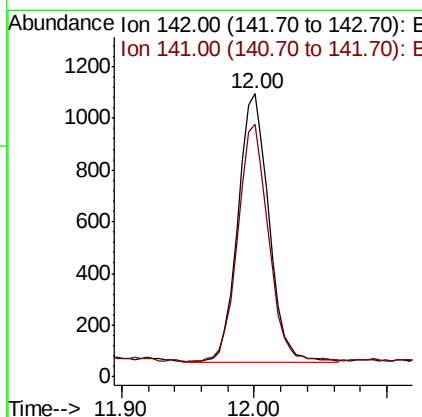
RT: 12.00 min Scan# 3326

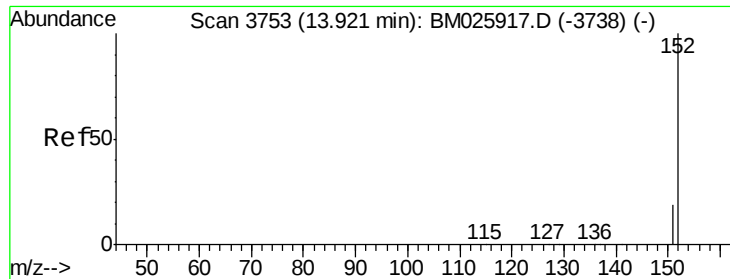
Delta R.T. -0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	69.0	103.6





#7

Acenaphthylene

Concen: 1.229 ng/ul

RT: 13.92 min Scan# 3753

Delta R.T. -0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Instrument :

BNA_M

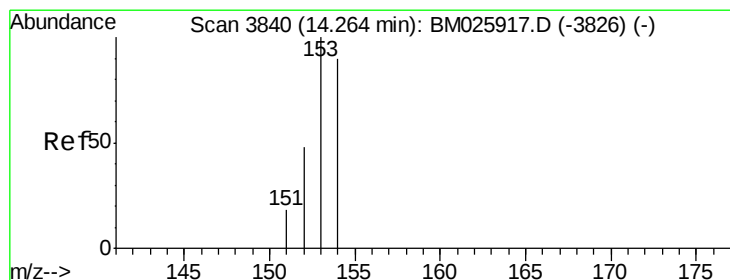
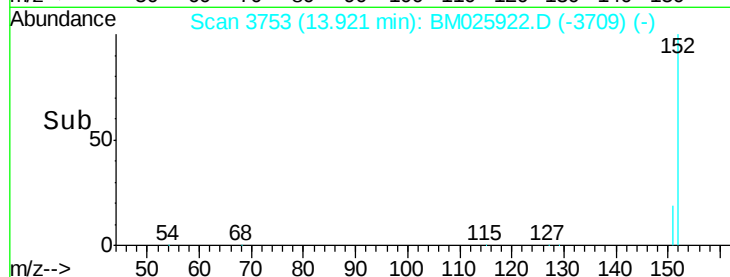
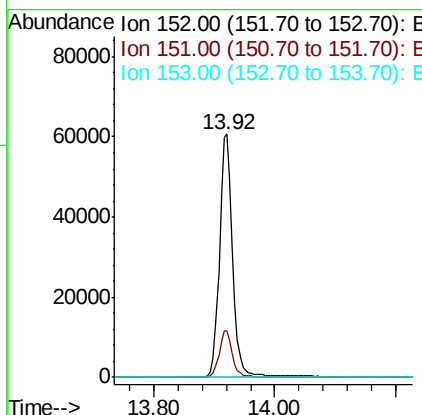
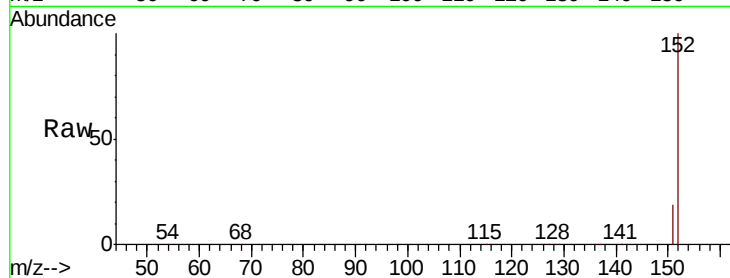
ClientSampleId :

F3E05

Tot Ion:	152	Resp:	86414
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	0.0	0.0	0.0

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#8

Acenaphthene

Concen: 0.207 ng/ul

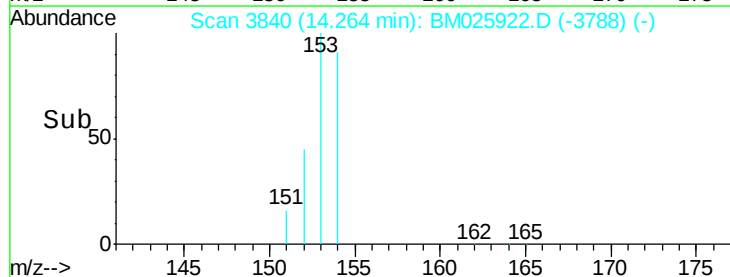
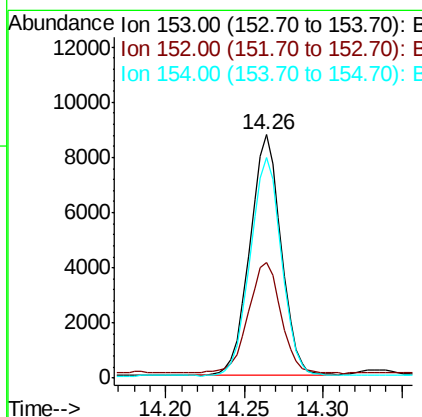
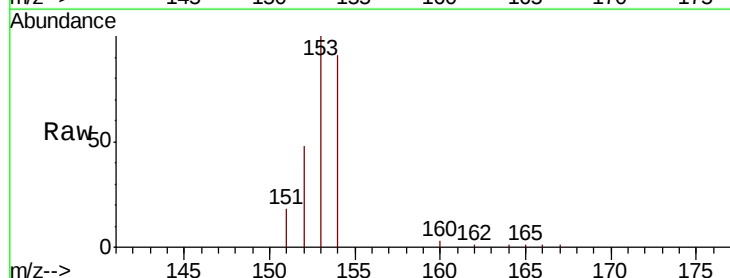
RT: 14.26 min Scan# 3840

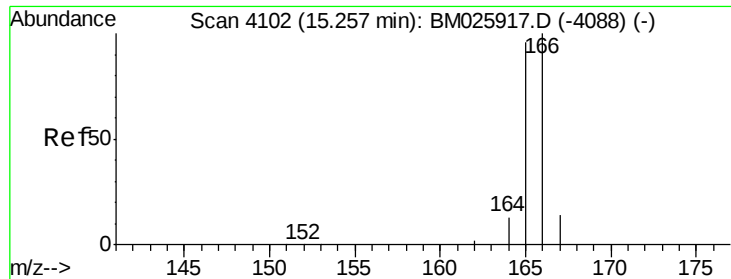
Delta R.T. -0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Tgt Ion:	153	Resp:	12106
Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.8	58.2
154	90.6	71.9	107.9





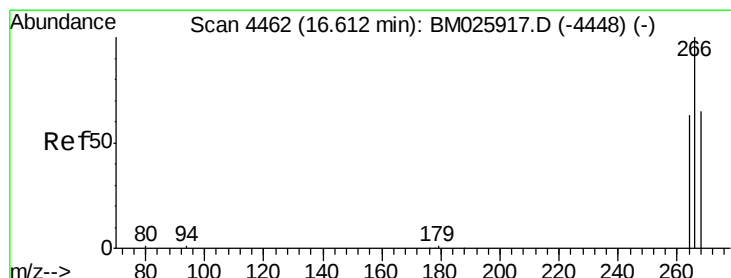
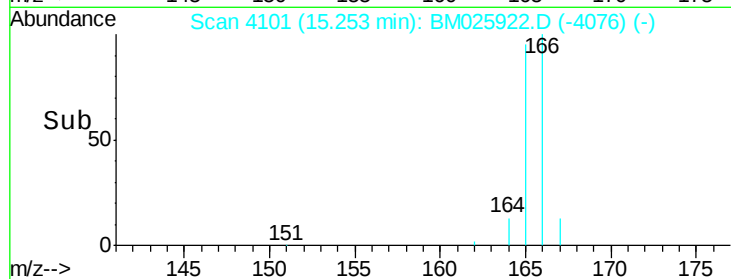
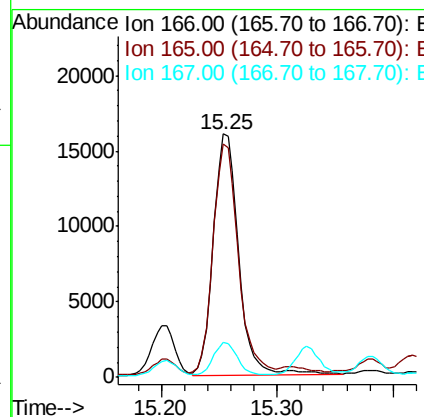
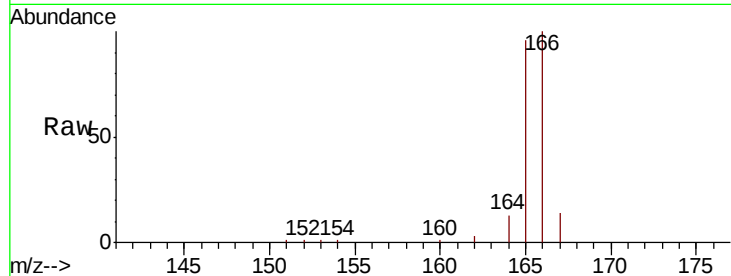
#9
Fluorene
 Concen: 0.331 ng/ul
 RT: 15.25 min Scan# 4101
 Delta R.T. -0.01 min
 Lab File: BM025922.D
 Acq: 03 Apr 2020 21:10

Instrument :
 BNA_M
 ClientSampleId :
 F3E05

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.6	115.0
167	14.1	11.4	17.0

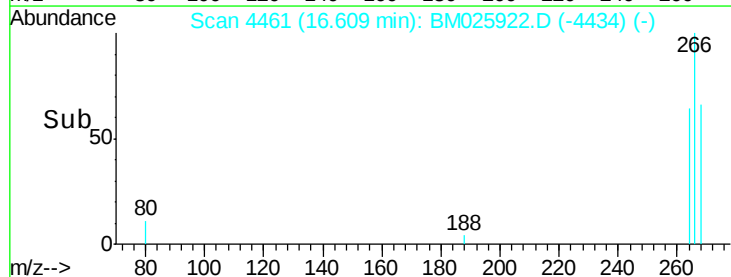
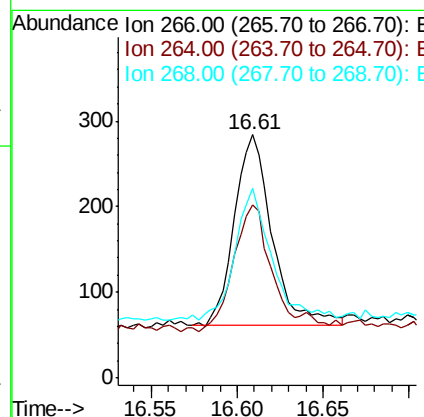
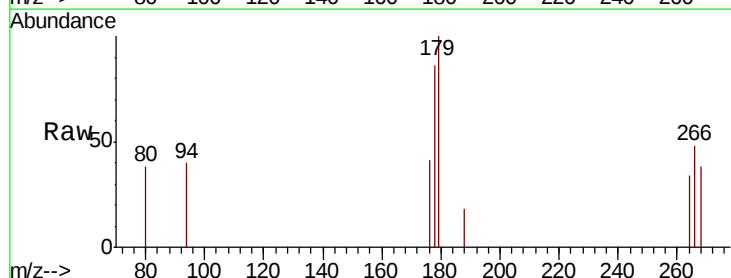
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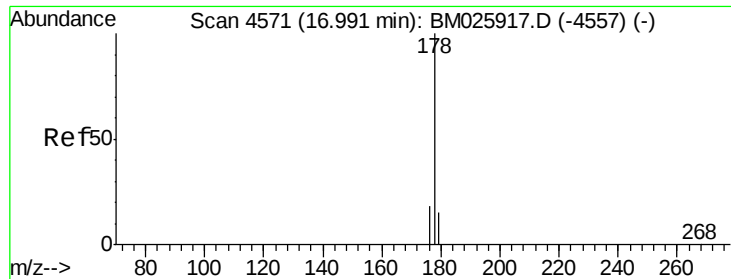
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#11
Pentachlorophenol
 Concen: 0.038 ng/ul
 RT: 16.61 min Scan# 4461
 Delta R.T. -0.01 min
 Lab File: BM025922.D
 Acq: 03 Apr 2020 21:10

Tgt Ion	Ratio	Lower	Upper
266	100		
264	71.8	48.4	72.6
268	69.5	48.7	73.1





#12

Phenanthrene

Concen: 0.698 ng/ul

RT: 16.99 min Scan# 4570

Delta R.T. -0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Instrument :

BNA_M

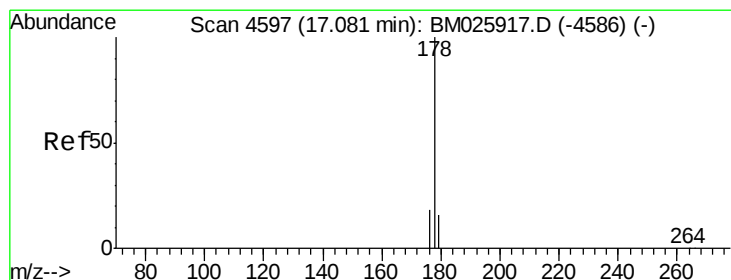
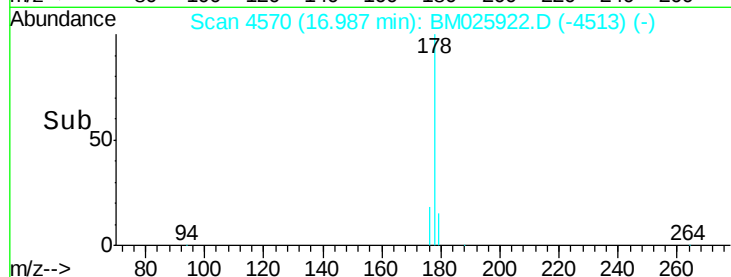
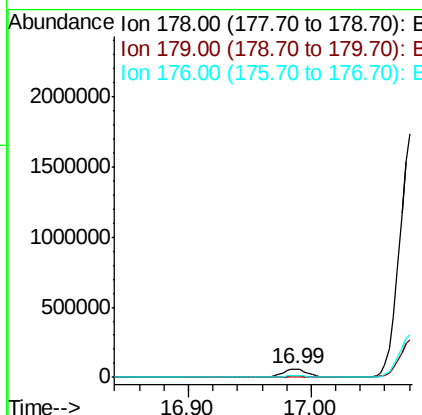
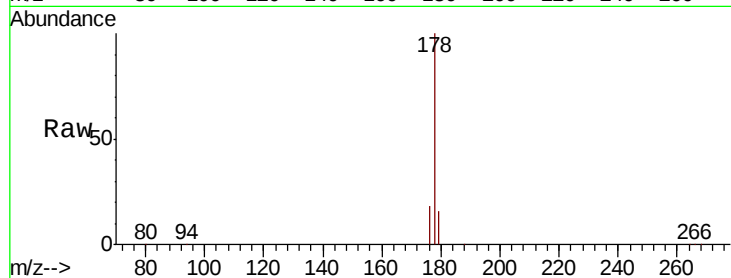
ClientSampleId :

F3E05

Tot Ion:178	Resp:	80132
Ion Ratio	Lower	Upper
178	100	
179	16.2	12.8 19.2
176	18.1	15.1 22.7

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#13

Anthracene

Concen: 21.939 ng/ul

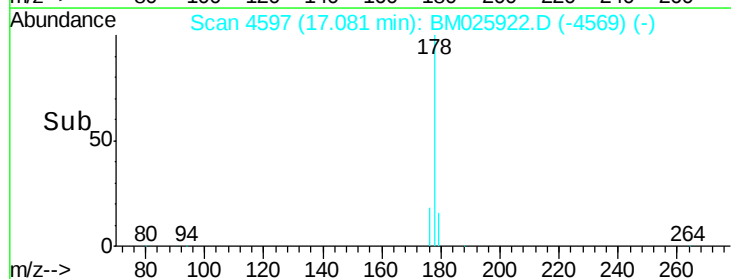
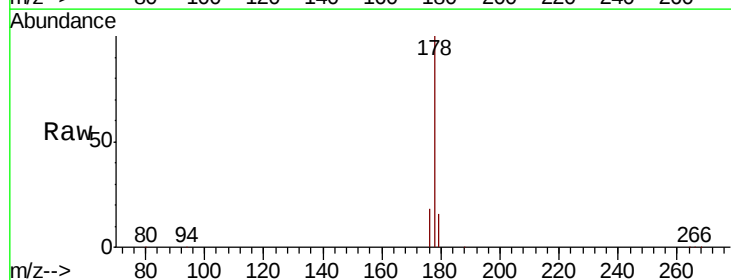
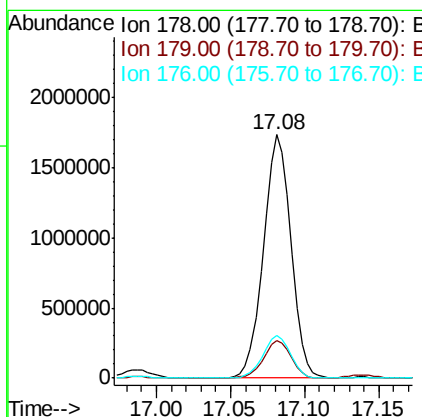
RT: 17.08 min Scan# 4597

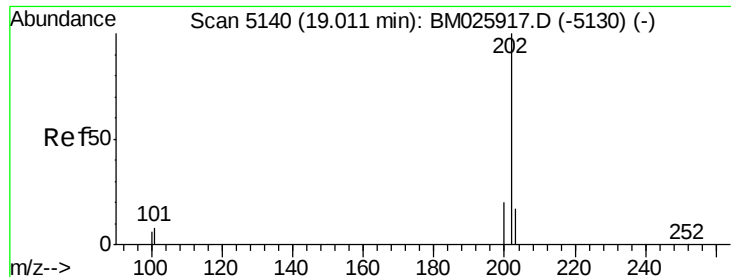
Delta R.T. -0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Tgt Ion:178	Resp:	2225132
Ion Ratio	Lower	Upper
178	100	
179	15.6	12.8 19.2
176	17.5	14.5 21.7





#15

Fluoranthene

Concen: 28.771 ng/ul

RT: 19.01 min Scan# 5141

Delta R.T. 0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Instrument :

BNA_M

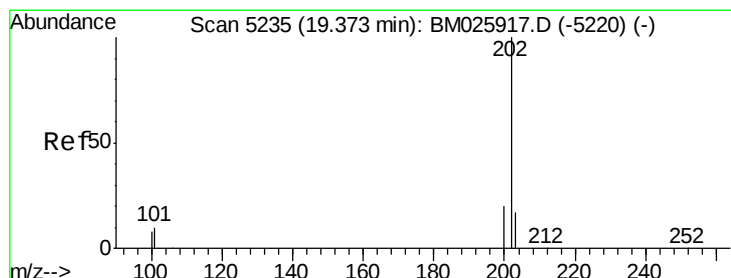
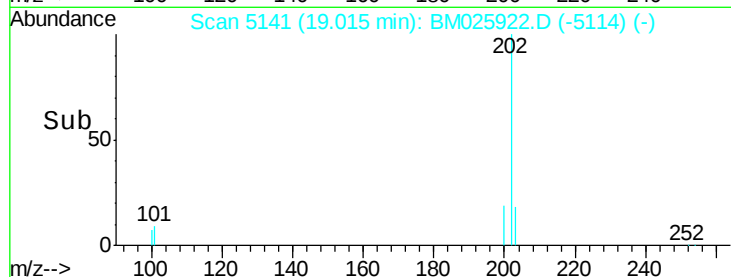
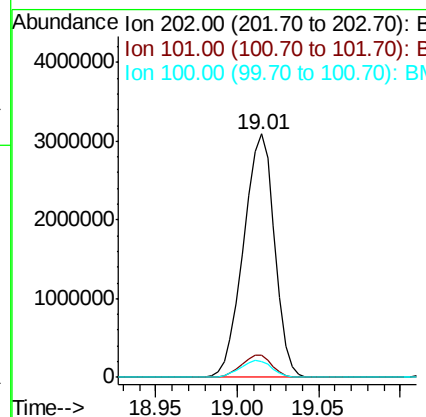
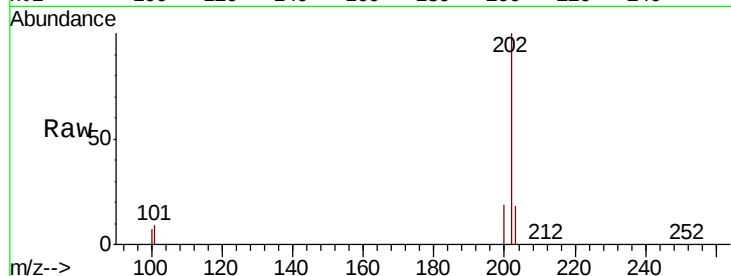
ClientSampleId :

F3E05

Tot Ion:	202	Resp:	4081162
Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.6
100	6.7	0.0	27.0

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#17

Pyrene

Concen: 51.229 ng/ul

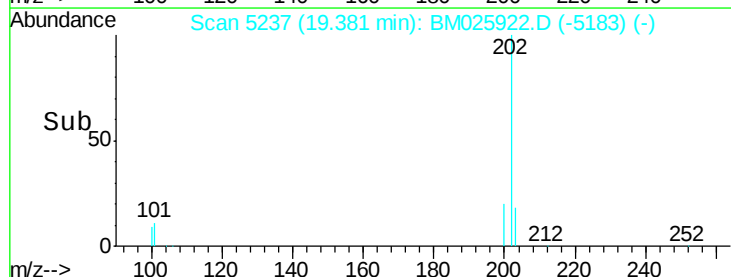
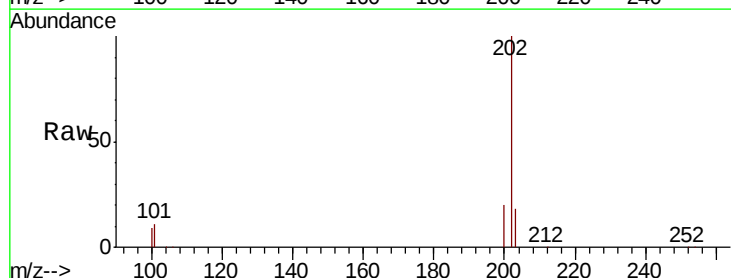
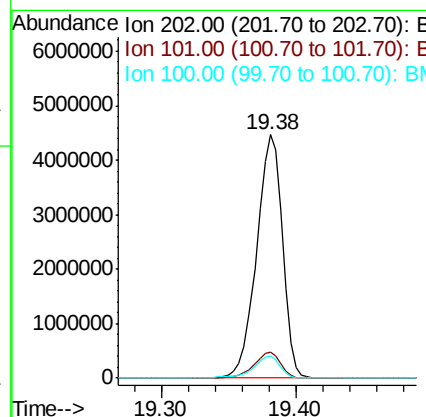
RT: 19.38 min Scan# 5237

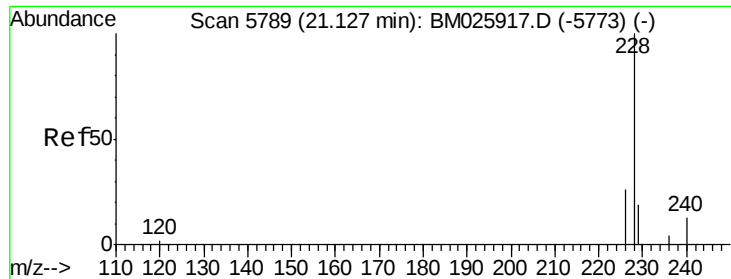
Delta R.T. 0.01 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Tgt Ion:	202	Resp:	5875967
Ion	Ratio	Lower	Upper
202	100		
101	10.9	7.5	11.3
100	8.9	6.3	9.5





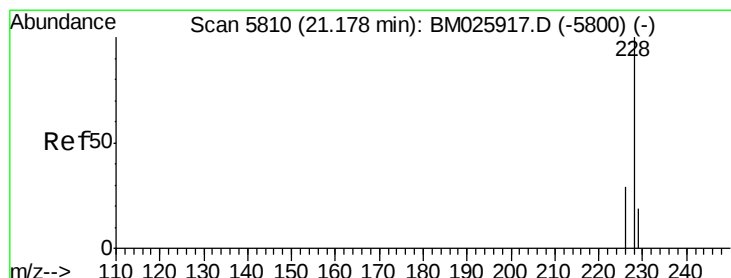
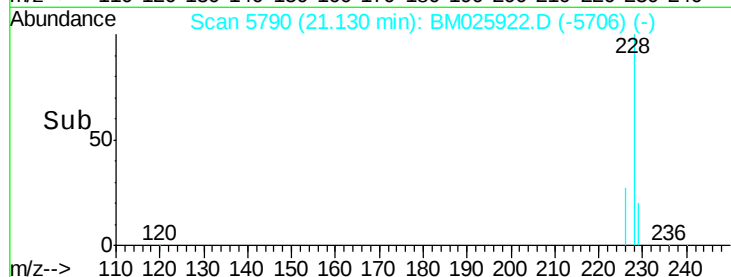
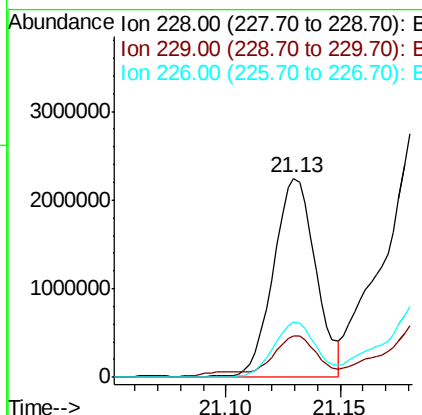
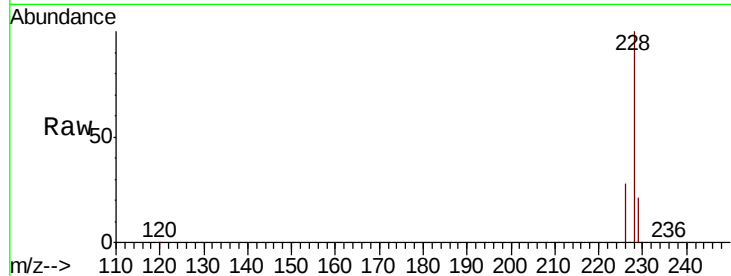
#18
Benzo(a)anthracene
Concen: 25.037 ng/ul
RT: 21.13 min Scan# 5790
Delta R.T. 0.00 min
Lab File: BM025922.D
Acq: 03 Apr 2020 21:10

Instrument :
BNA_M
ClientSampleId :
F3E05

Tot Ion:228 Resp: 2866291
Ion Ratio Lower Upper
228 100
229 20.8 15.8 23.8
226 27.7 20.9 31.3

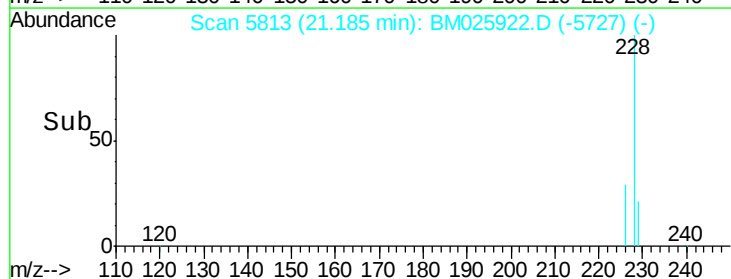
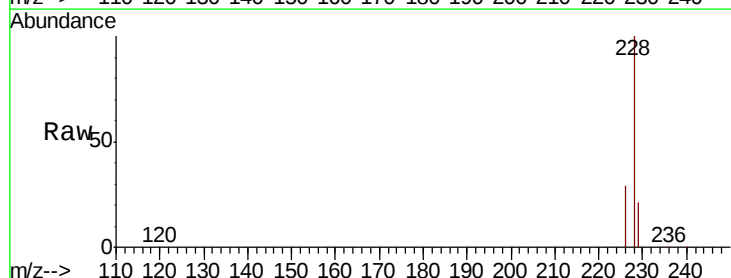
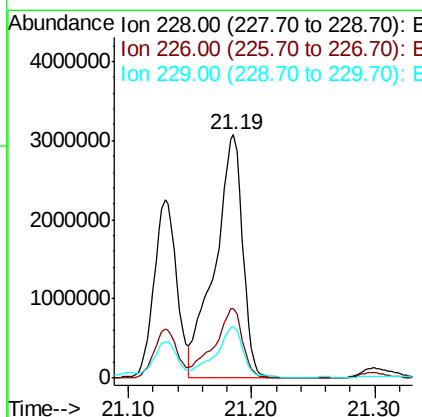
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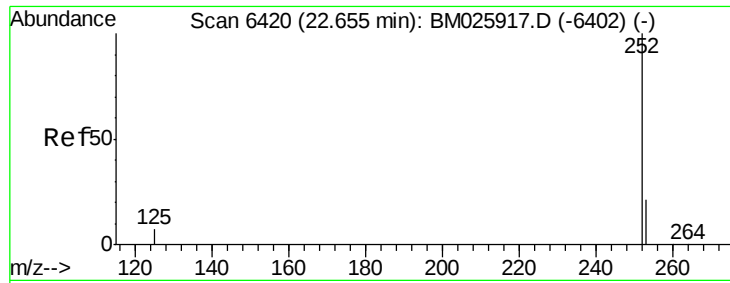
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#19
Chrysene
Concen: 38.178 ng/ul
RT: 21.19 min Scan# 5813
Delta R.T. 0.01 min
Lab File: BM025922.D
Acq: 03 Apr 2020 21:10

Tgt Ion:228 Resp: 4770544
Ion Ratio Lower Upper
228 100
226 28.8 22.9 34.3
229 21.1 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 43.280 ng/ul m

RT: 22.66 min Scan# 6424

Delta R.T. 0.01 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Instrument :

BNA_M

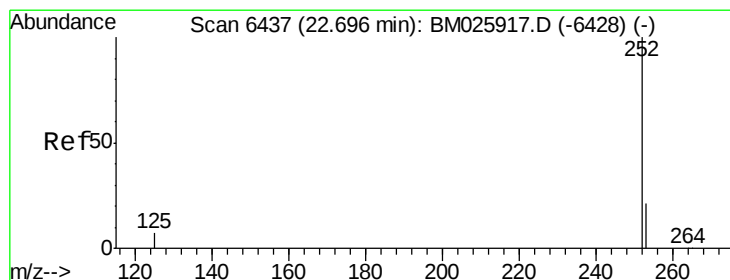
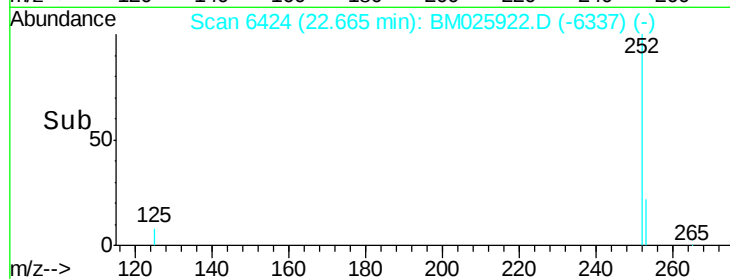
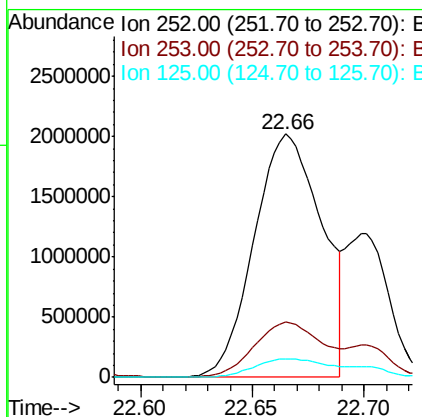
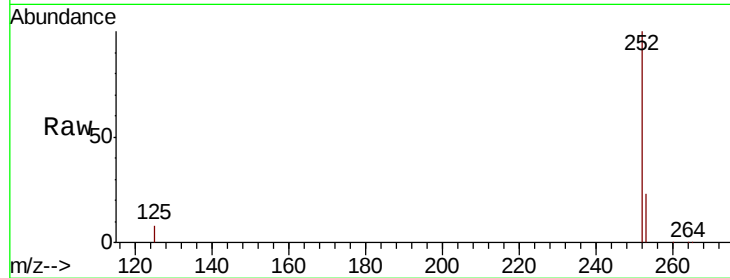
ClientSampled :

F3E05

Tot Ion:	252	Resp:	4248911
Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	46.6
125	7.7	0.0	15.4

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#22

Benzo(k)fluoranthene

Concen: 15.187 ng/ul m

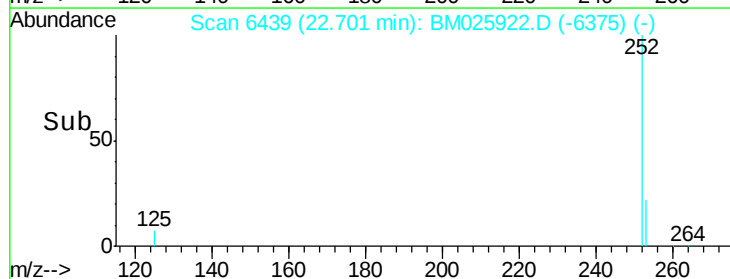
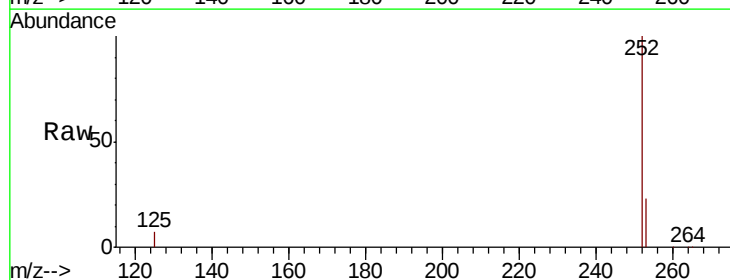
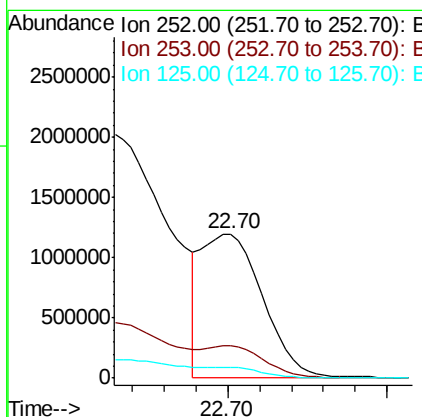
RT: 22.70 min Scan# 6439

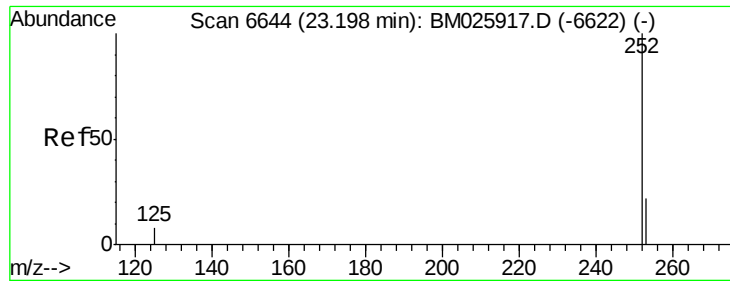
Delta R.T. 0.00 min

Lab File: BM025922.D

Acq: 03 Apr 2020 21:10

Tgt Ion:	252	Resp:	1598703
Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.4
125	7.3	6.7	10.1





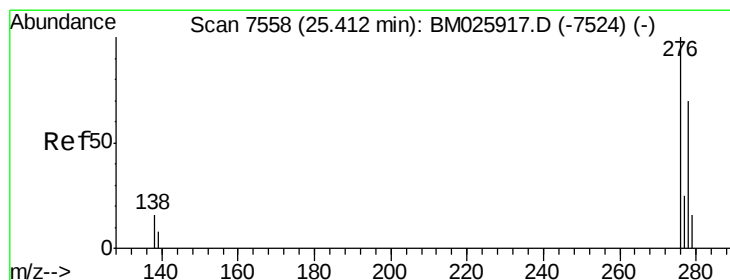
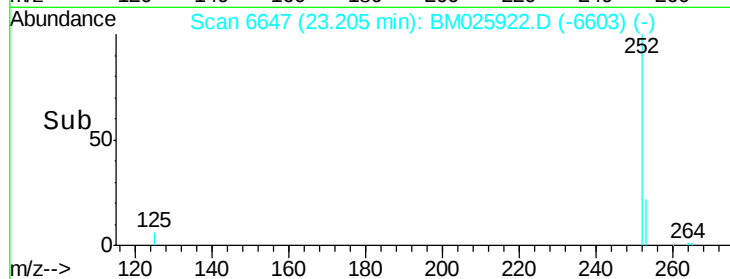
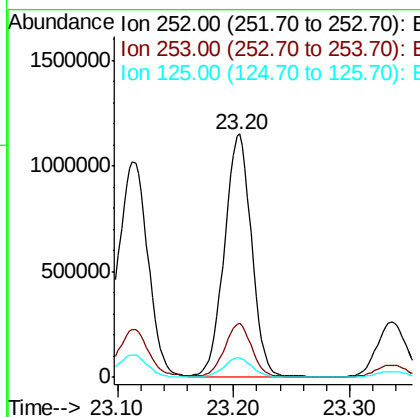
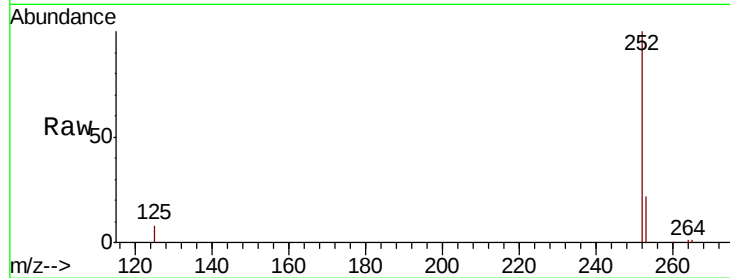
#23
Benzo(a)pyrene
Concen: 21.118 ng/u1
RT: 23.20 min Scan# 6647
Delta R.T. 0.01 min
Lab File: BM025922.D
Acq: 03 Apr 2020 21:10

Instrument :
BNA_M
ClientSampled :
F3E05

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	8.0	7.4	11.0

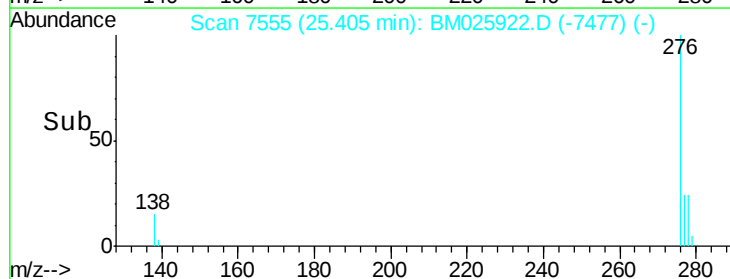
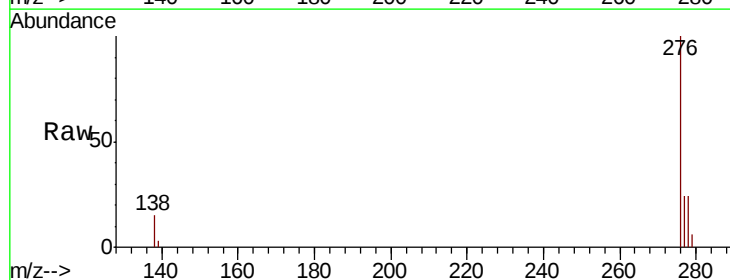
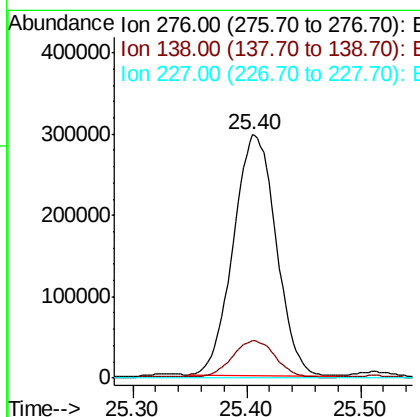
Manual Integrations
APPROVED

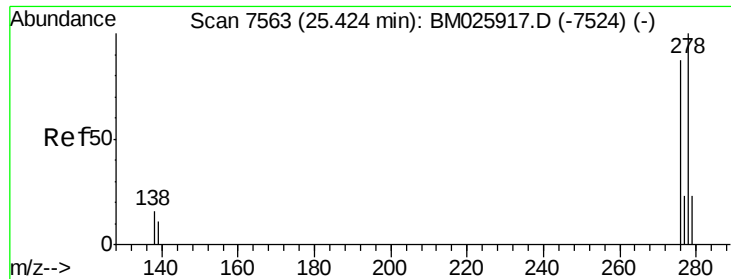
mohammad
4/6/2020 1:40:51 PM



#24
Indeno(1,2,3-cd)pyrene
Concen: 6.596 ng/u1
RT: 25.40 min Scan# 7555
Delta R.T. -0.01 min
Lab File: BM025922.D
Acq: 03 Apr 2020 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.6	19.0
227	0.0	0.0	0.0





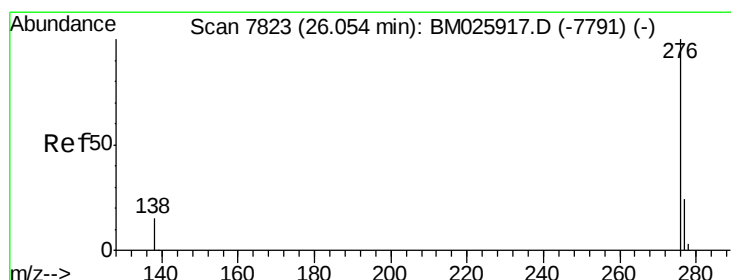
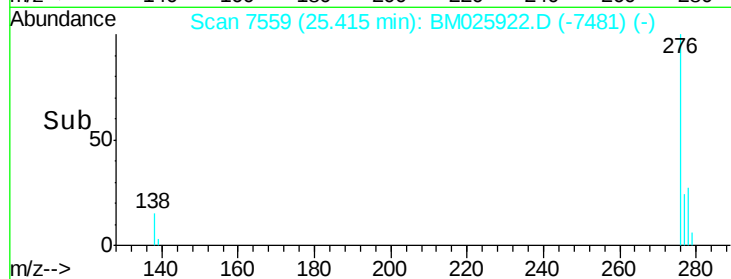
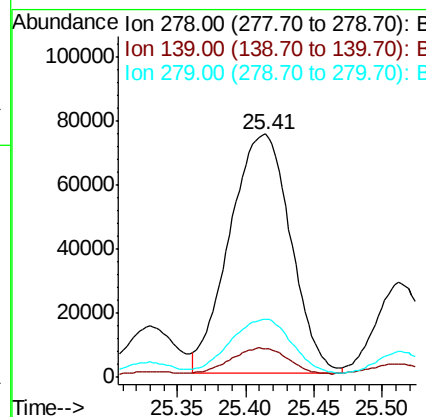
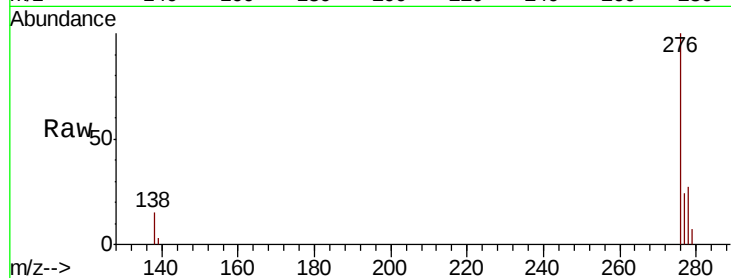
#25
Dibenzo(a,h)anthracene
Concen: 2.357 ng/ul
RT: 25.41 min Scan# 7559
Delta R.T. -0.01 min
Lab File: BM025922.D
Acq: 03 Apr 2020 21:10

Instrument :
BNA_M
ClientSampled :
F3E05

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.9	13.3
279	23.9	20.0	30.0

Manual Integrations
APPROVED

mohammad
4/6/2020 1:40:51 PM



#26
Benzo(g,h,i)perylene
Concen: 4.533 ng/ul
RT: 26.05 min Scan# 7821
Delta R.T. -0.01 min
Lab File: BM025922.D
Acq: 03 Apr 2020 21:10

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.6	11.8	17.8
277	23.8	19.2	28.8

