

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
 Data File : BM025924.D
 Acq On : 03 Apr 2020 22:23
 Operator : CG/JU
 Sample : L2062-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E07

Manual Integrations
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mohammad
 4/6/2020 1:40:58 PM

Quant Time: Apr 03 23:15:55 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	5010	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	22594	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	15561	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	33891m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	29872	0.40	ng/ul	0.00
20) Perylene-d12	23.29	264	24592	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	11440	0.28	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	31318	0.30	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	4490	0.068	ng/ul	98
5) 2-Methylnaphthalene	12.00	142	1614	0.035	ng/ul	98
7) Acenaphthylene	13.92	152	66807	1.004	ng/ul	99
8) Acenaphthene	14.26	153	5079	0.092	ng/ul	99
9) Fluorene	15.26	166	10071	0.147	ng/ul	100
11) Pentachlorophenol	16.61	266	201	0.024	ng/ul	96
12) Phenanthrene	16.99	178	62685	0.587	ng/ul	99
13) Anthracene	17.08	178	509375	5.400	ng/ul	99
15) Fluoranthene	19.01	202	1658827	12.574	ng/ul	99
17) Pyrene	19.38	202	2869428	26.821	ng/ul	98
18) Benzo(a)anthracene	21.13	228	2224965	20.837	ng/ul	97
19) Chrysene	21.18	228	4052772	34.774	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	3787855m	41.853	ng/ul	
22) Benzo(k)fluoranthene	22.70	252	1421469m	14.648	ng/ul	
23) Benzo(a)pyrene	23.20	252	1628238	20.132	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.41	276	691436	6.383	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.41	278	203012	2.245	ng/ul	98
26) Benzo(g,h,i)perylene	26.05	276	392938	4.288	ng/ul	99

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

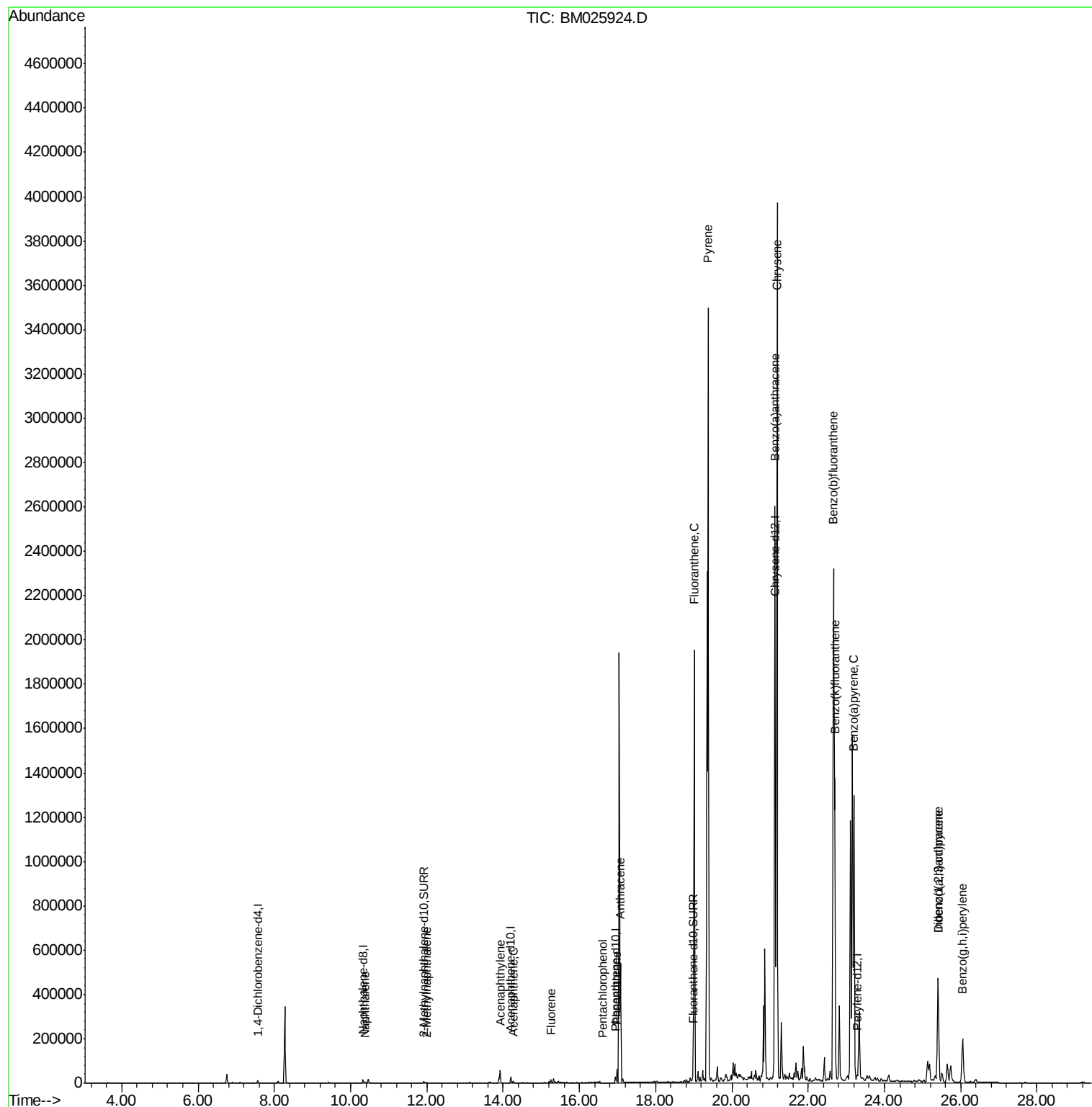
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
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ALS Vial : 19 Sample Multiplier: 1

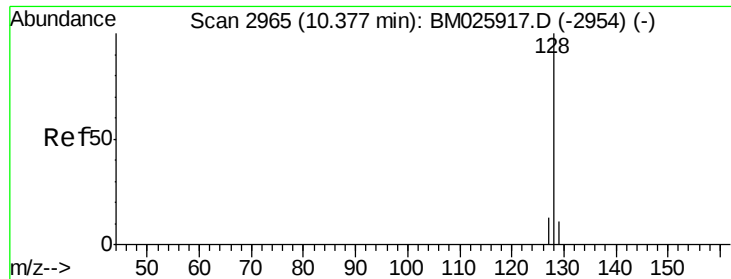
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
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QLast Update : Fri Apr 03 22:53:21 2020
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#3

Naphthalene

Concen: 0.068 ng/ul

RT: 10.37 min Scan# 2965

Delta R.T. -0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Instrument :

BNA_M

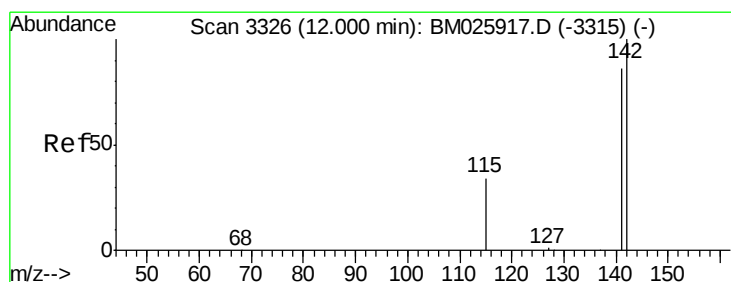
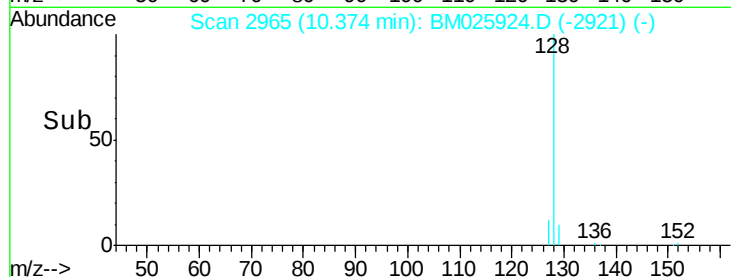
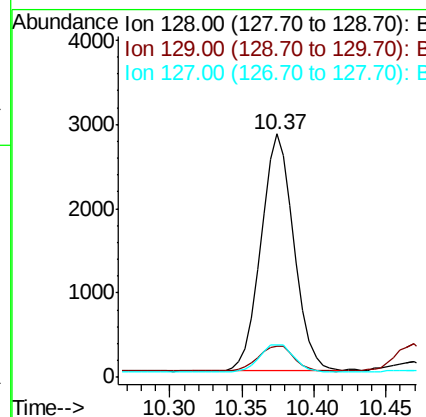
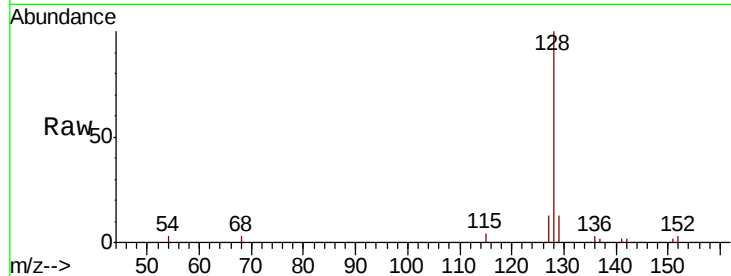
ClientSampleId :

F3E07

Tot Ion:	128	Resp:	4490
Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.1	13.7
127	13.5	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.035 ng/ul

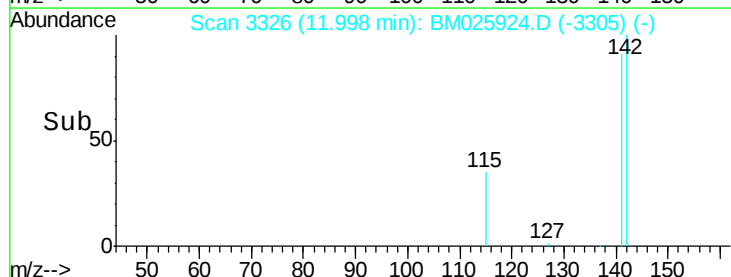
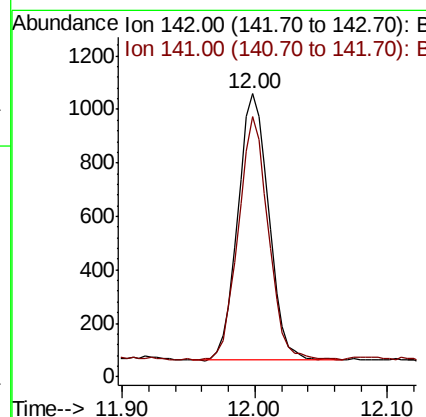
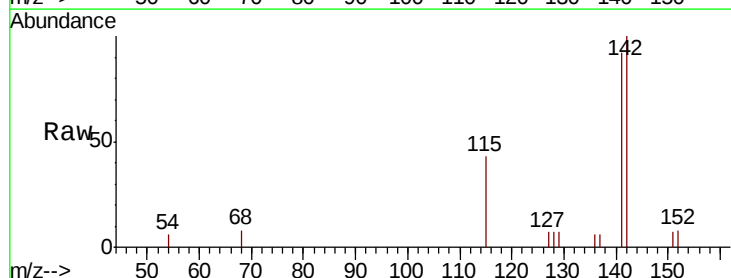
RT: 12.00 min Scan# 3326

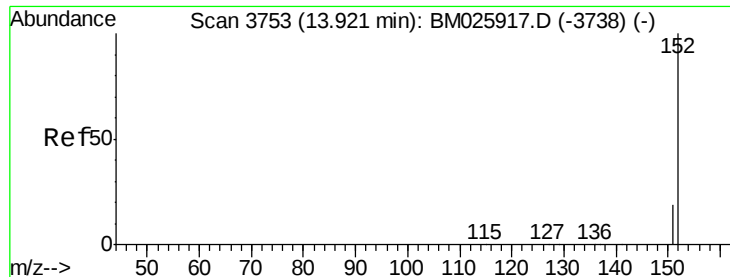
Delta R.T. -0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Tgt Ion:	142	Resp:	1614
Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.0	103.6





#7

Acenaphthylene

Concen: 1.004 ng/ul

RT: 13.92 min Scan# 3753

Delta R.T. -0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Instrument :

BNA_M

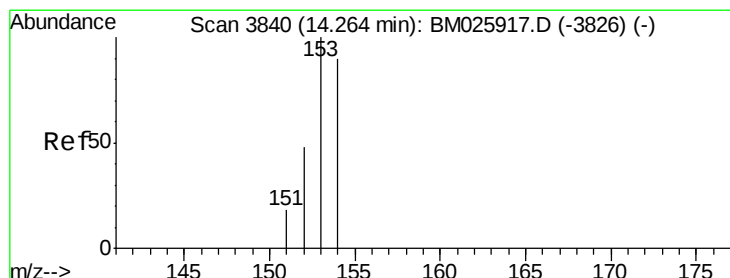
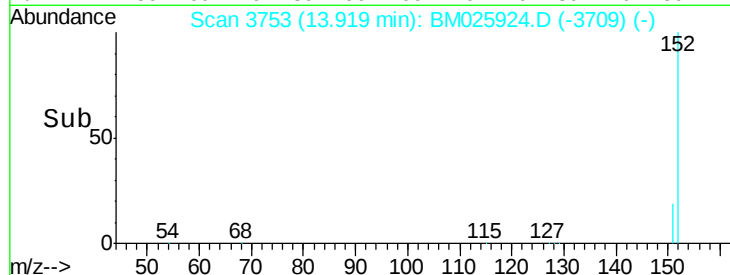
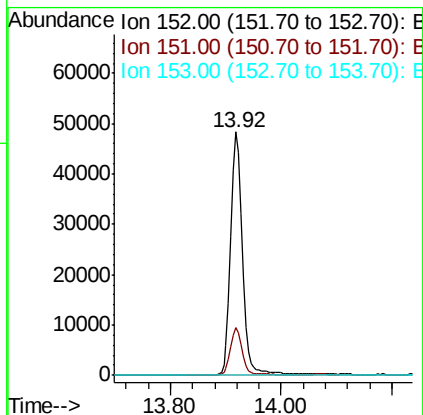
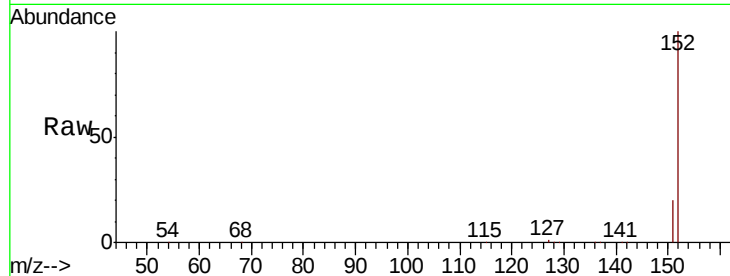
ClientSampleId :

F3E07

Tot Ion:	152	Resp:	66807
Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.1	24.1
153	0.0	0.0	0.0

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#8

Acenaphthene

Concen: 0.092 ng/ul

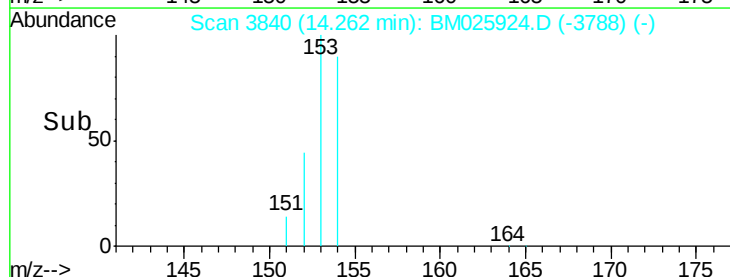
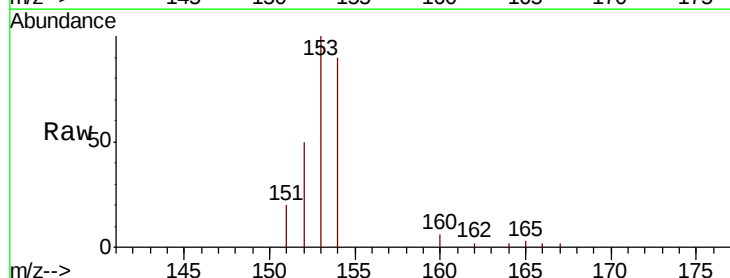
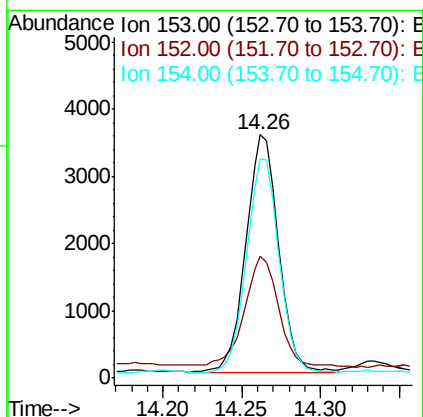
RT: 14.26 min Scan# 3840

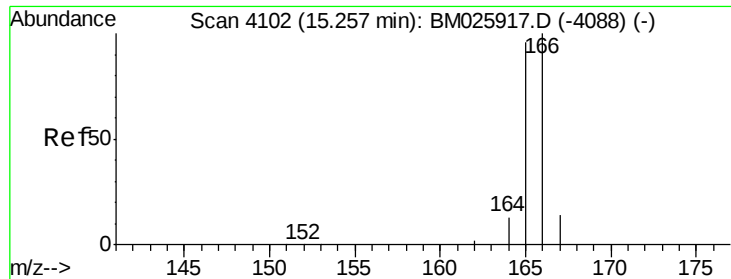
Delta R.T. -0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Tgt Ion:	153	Resp:	5079
Ion	Ratio	Lower	Upper
153	100		
152	50.0	38.8	58.2
154	90.2	71.9	107.9





#9

Fluorene

Concen: 0.147 ng/ul

RT: 15.26 min Scan# 4102

Delta R.T. -0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Instrument :

BNA_M

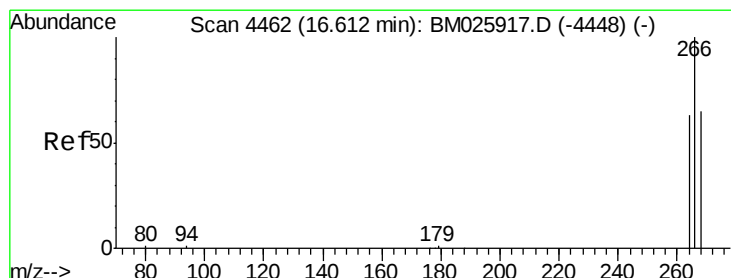
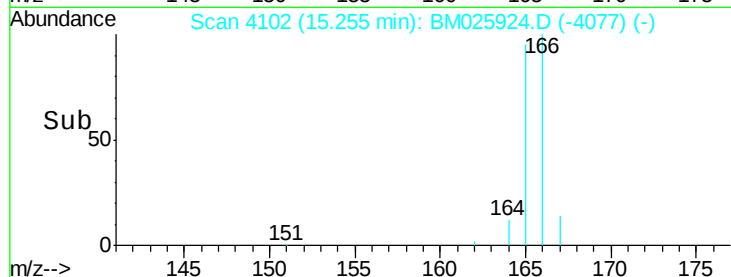
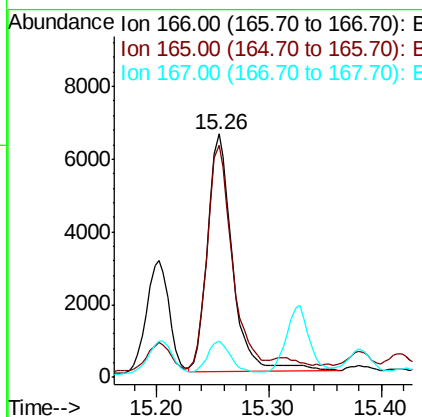
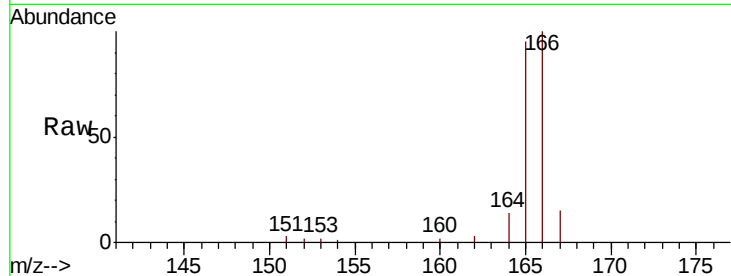
ClientSampleId :

F3E07

Tot Ion:	166	Resp:	10071
Ion Ratio	Lower	Upper	
166	100		
165	95.5	76.6	115.0
167	14.8	11.4	17.0

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#11

Pentachlorophenol

Concen: 0.024 ng/ul

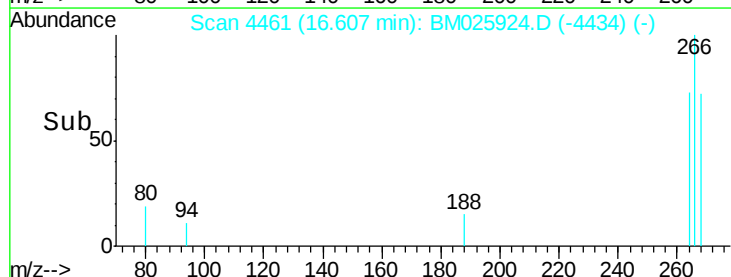
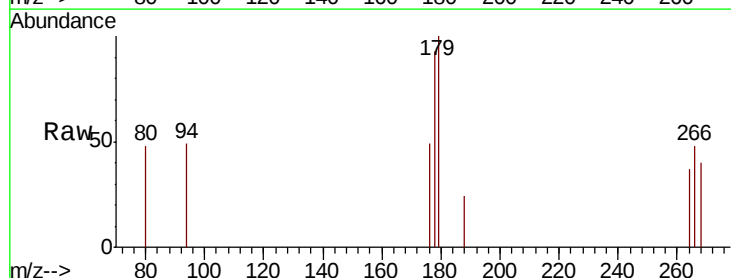
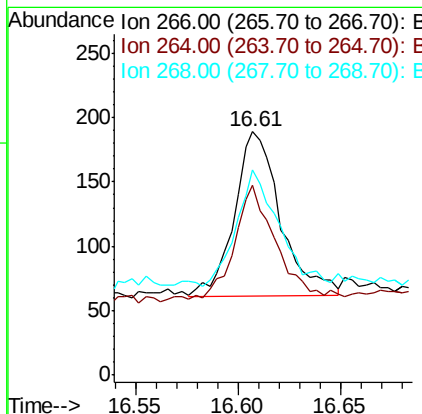
RT: 16.61 min Scan# 4461

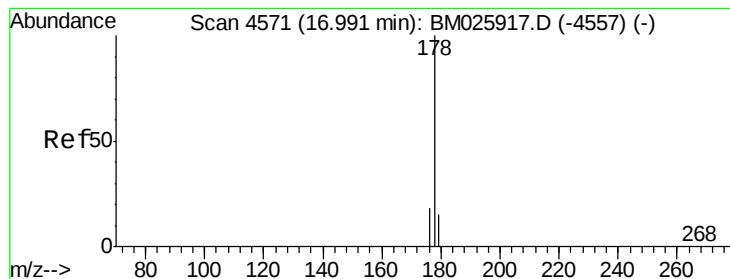
Delta R.T. -0.01 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Tgt Ion:	266	Resp:	201
Ion Ratio	Lower	Upper	
266	100		
264	62.2	48.4	72.6
268	65.2	48.7	73.1





#12

Phenanthrene

Concen: 0.587 ng/ul

RT: 16.99 min Scan# 4570

Delta R.T. -0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Instrument :

BNA_M

ClientSampled :

F3E07

Tot Ion:178 Resp: 62685

Ion Ratio Lower Upper

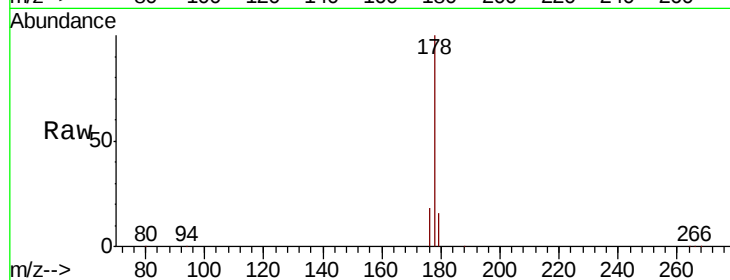
178 100

179 16.0 12.8 19.2

176 18.4 15.1 22.7

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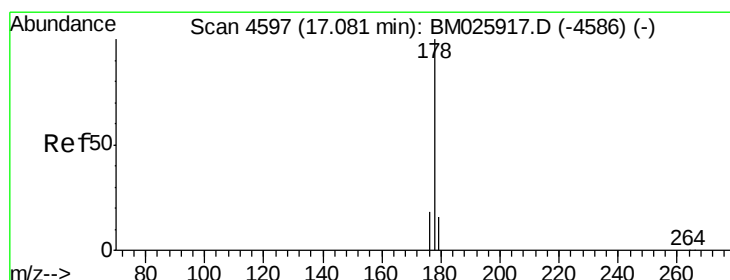
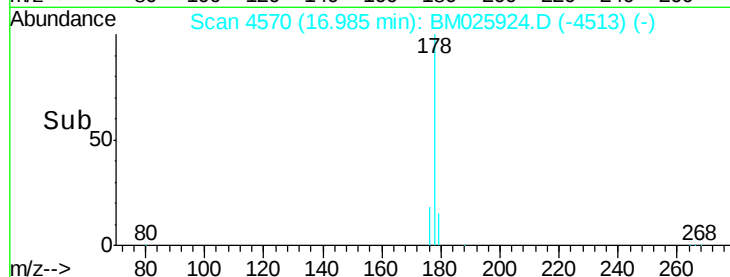
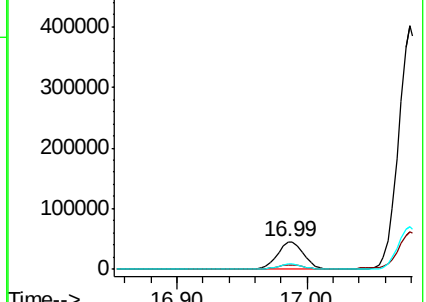
mohammad
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 5.400 ng/ul

RT: 17.08 min Scan# 4597

Delta R.T. -0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

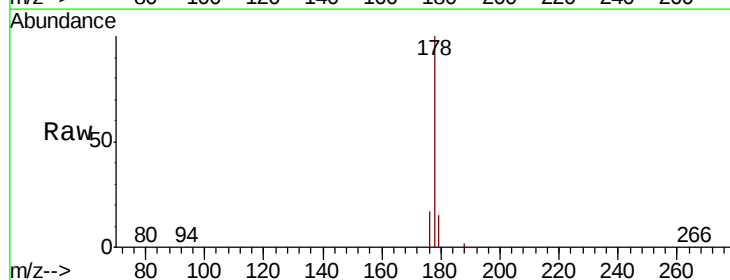
Tgt Ion:178 Resp: 509375

Ion Ratio Lower Upper

178 100

179 15.4 12.8 19.2

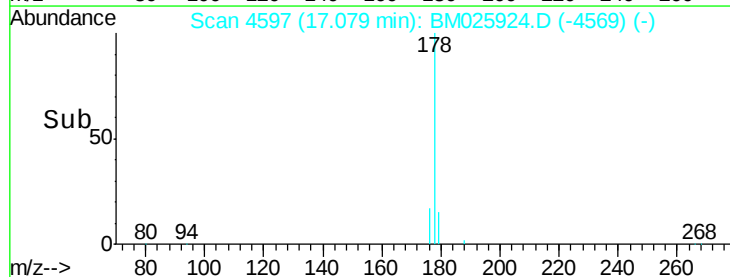
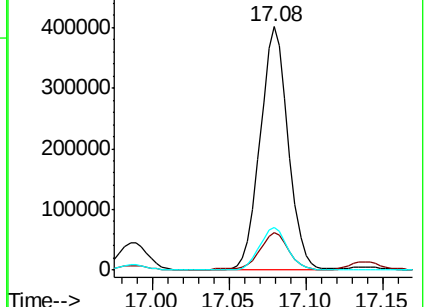
176 17.5 14.5 21.7

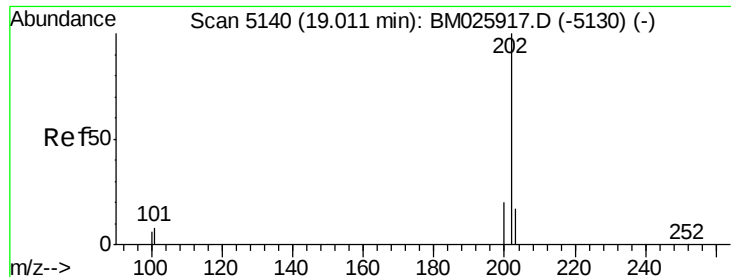


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





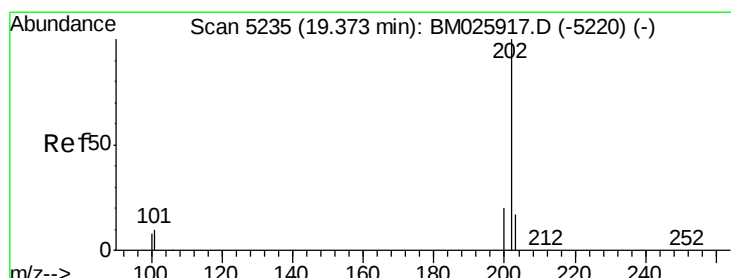
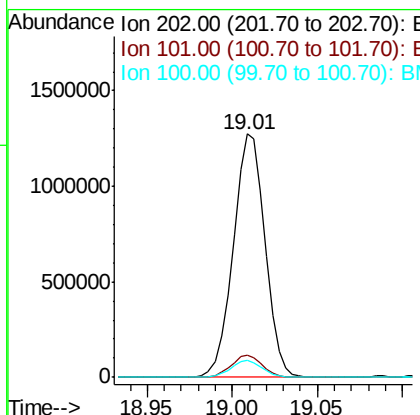
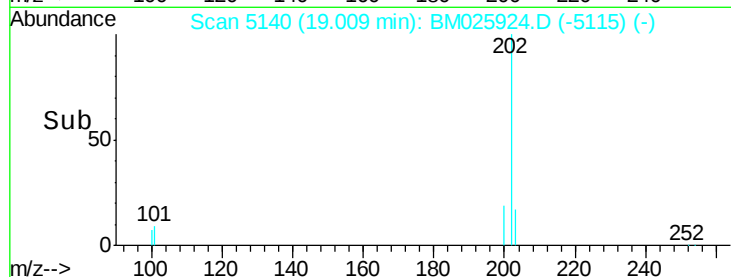
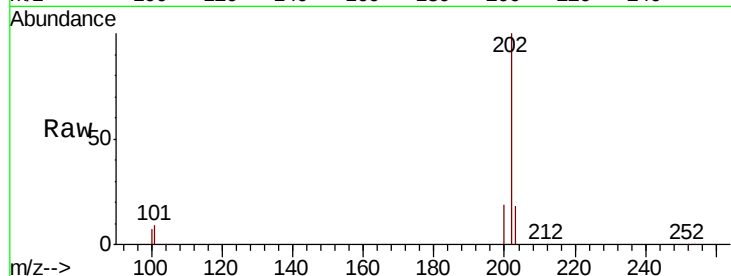
#15
Fluoranthene
Concen: 12.574 ng/ul
RT: 19.01 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BM025924.D
Acq: 03 Apr 2020 22:23

Instrument :
BNA_M
ClientSampleId :
F3E07

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1658827		
101	9.2		0.0	28.6
100	7.1		0.0	27.0

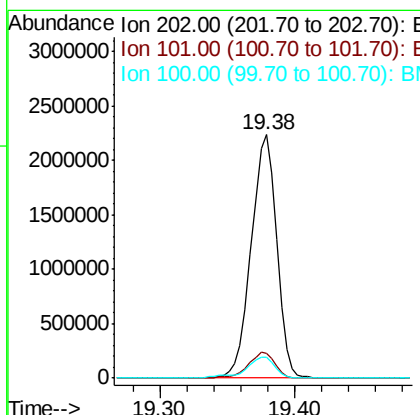
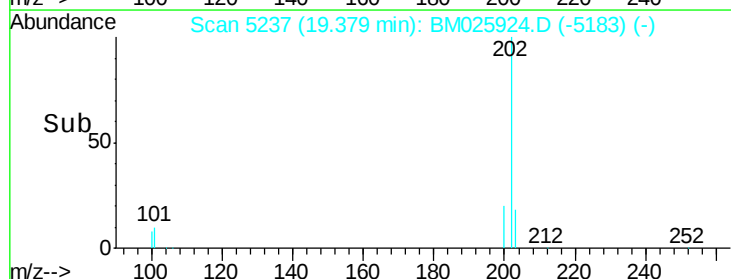
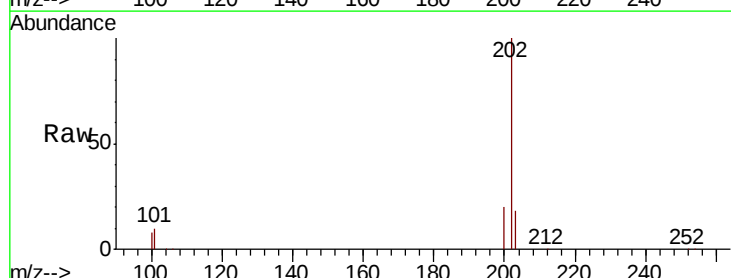
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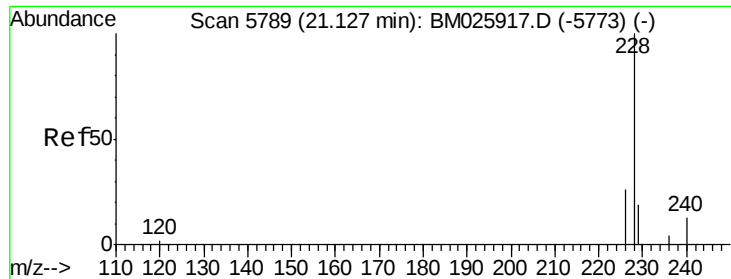
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#17
Pyrene
Concen: 26.821 ng/ul
RT: 19.38 min Scan# 5237
Delta R.T. 0.00 min
Lab File: BM025924.D
Acq: 03 Apr 2020 22:23

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	2869428		
101	10.3		7.5	11.3
100	8.4		6.3	9.5





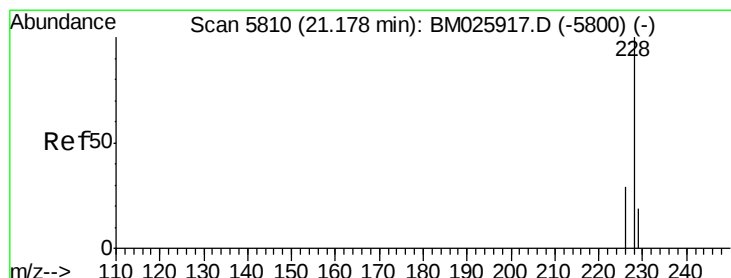
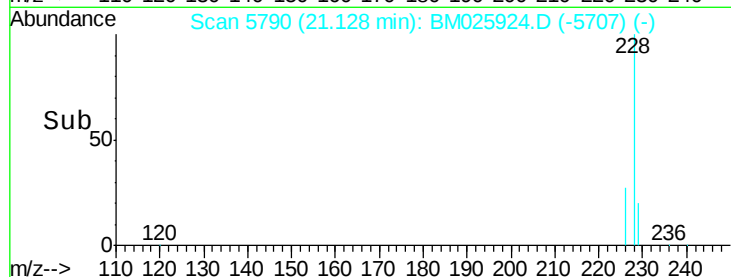
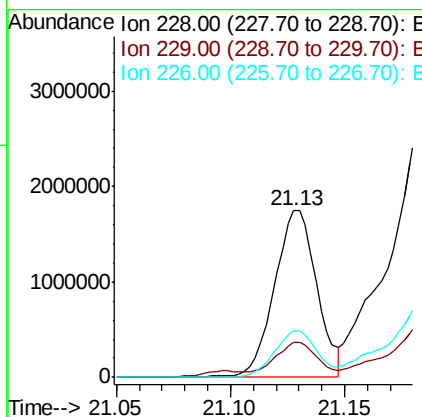
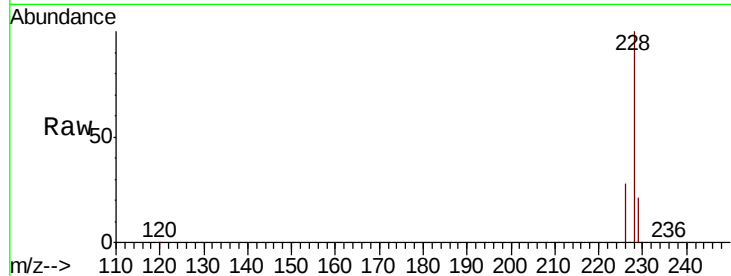
#18
Benzo(a)anthracene
Concen: 20.837 ng/ul
RT: 21.13 min Scan# 5790
Delta R.T. 0.00 min
Lab File: BM025924.D
Acq: 03 Apr 2020 22:23

Instrument :
BNA_M
ClientSampleId :
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Tot Ion:228 Resp: 2224965
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 27.7 20.9 31.3

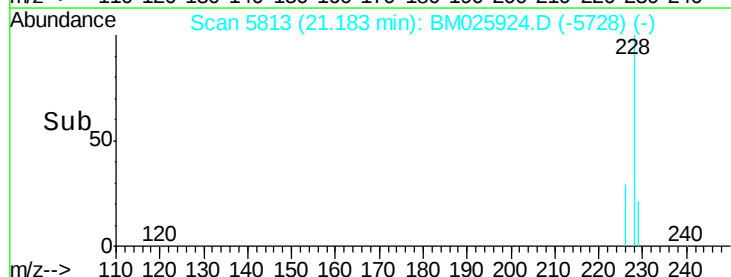
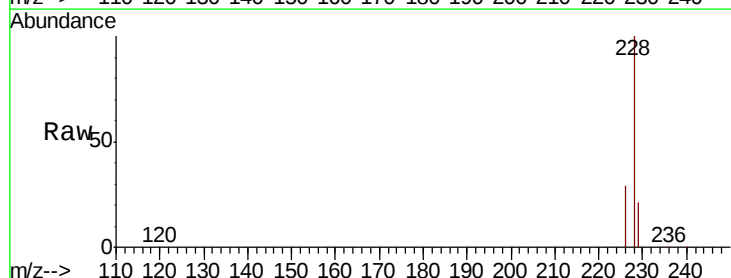
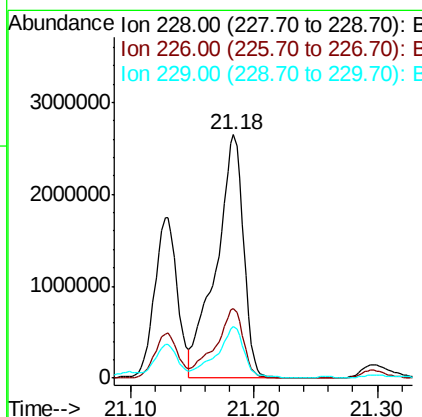
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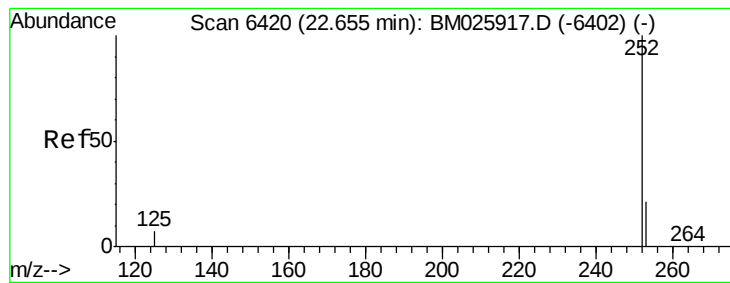
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#19
Chrysene
Concen: 34.774 ng/ul
RT: 21.18 min Scan# 5813
Delta R.T. 0.01 min
Lab File: BM025924.D
Acq: 03 Apr 2020 22:23

Tgt Ion:228 Resp: 4052772
Ion Ratio Lower Upper
228 100
226 28.7 22.9 34.3
229 21.1 15.8 23.8





#21

Benzo(b)fluoranthene

Concen: 41.853 ng/ul m

RT: 22.67 min Scan# 6425

Delta R.T. 0.01 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Instrument :

BNA_M

ClientSampleId :

F3E07

Tot Ion:252 Resp: 3787855

Ion Ratio Lower Upper

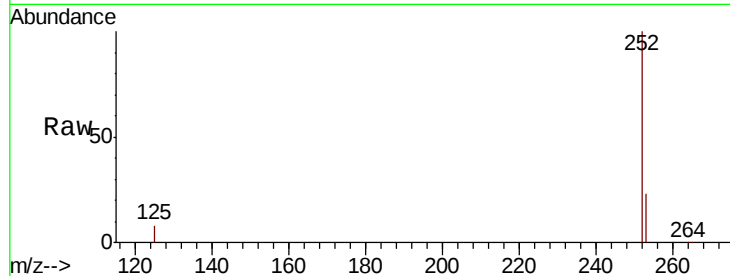
252 100

253 22.6 0.0 46.6

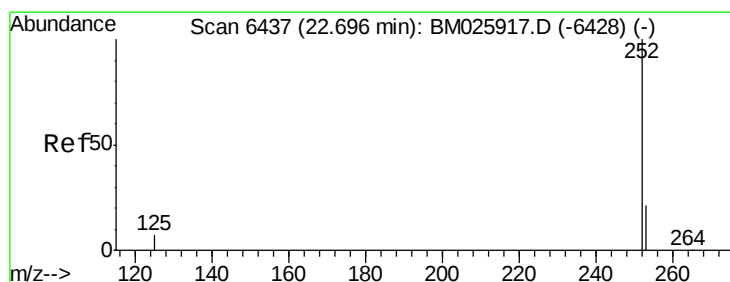
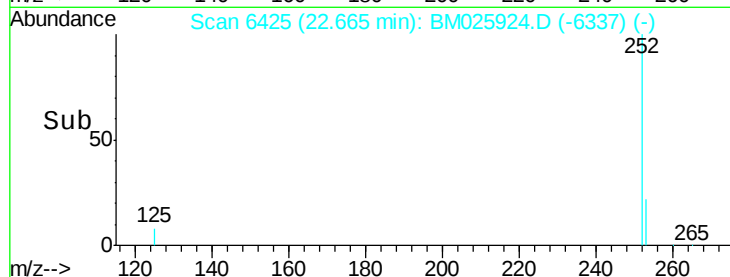
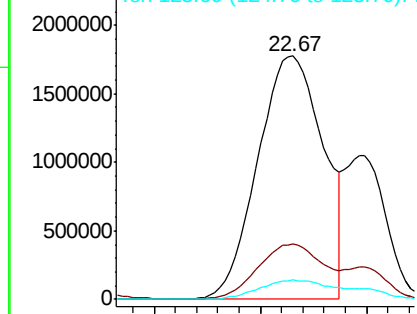
125 7.8 0.0 15.4

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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: 14.648 ng/ul m

RT: 22.70 min Scan# 6439

Delta R.T. 0.00 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

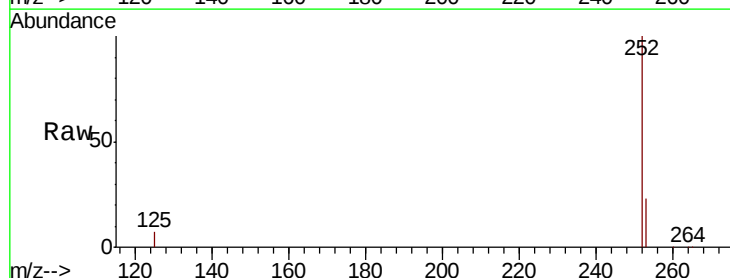
Tgt Ion:252 Resp: 1421469

Ion Ratio Lower Upper

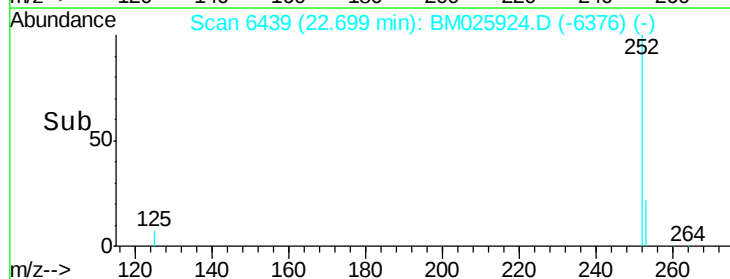
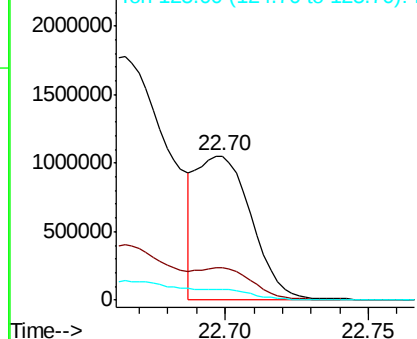
252 100

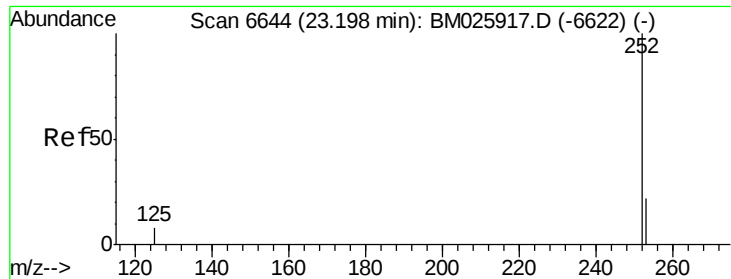
253 22.8 19.0 28.4

125 7.4 6.7 10.1



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: 20.132 ng/u1

RT: 23.20 min Scan# 6647

Delta R.T. 0.01 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Instrument :

BNA_M

ClientSampled :

F3E07

Tot Ion:252 Resp: 1628238

Ion Ratio Lower Upper

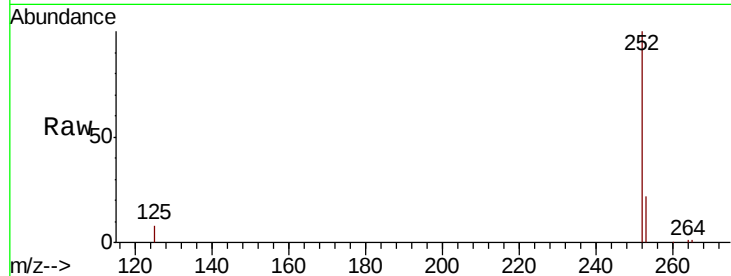
252 100

253 22.3 19.2 28.8

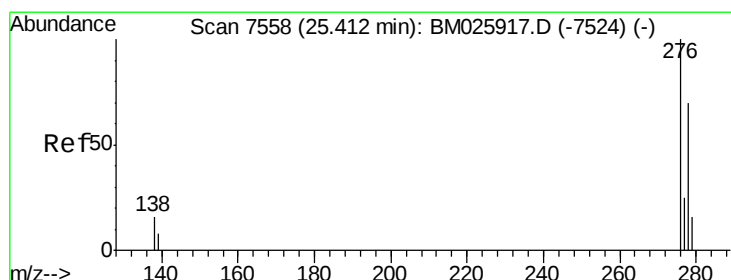
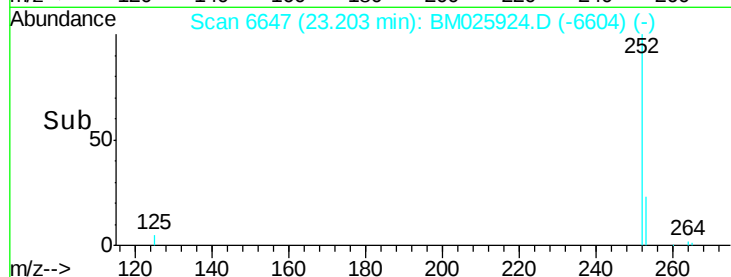
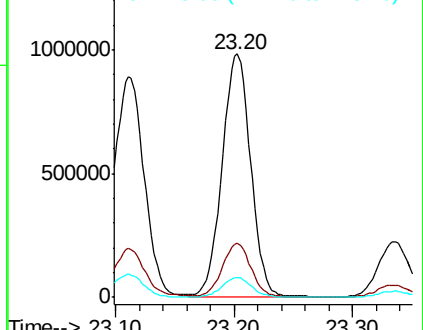
125 8.1 7.4 11.0

Manual Integrations
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mohammad
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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



#24

Indeno(1,2,3-cd)pyrene

Concen: 6.383 ng/u1

RT: 25.41 min Scan# 7557

Delta R.T. -0.01 min

Lab File: BM025924.D

Acq: 03 Apr 2020 22:23

Tgt Ion:276 Resp: 691436

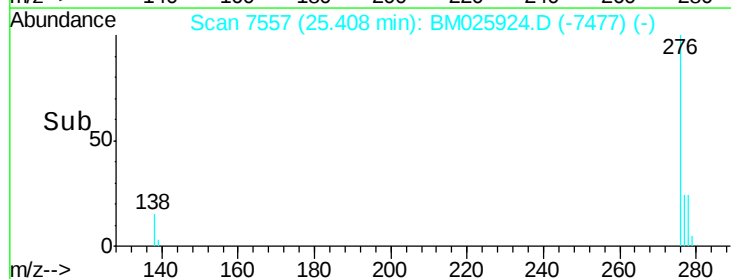
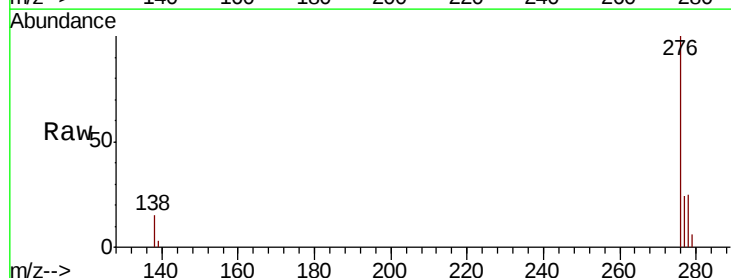
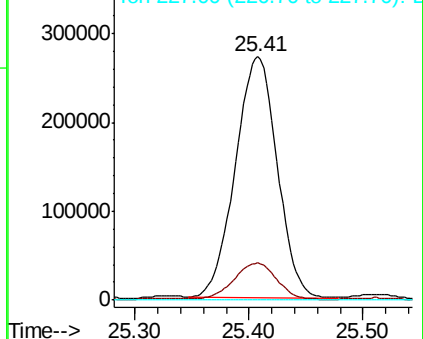
Ion Ratio Lower Upper

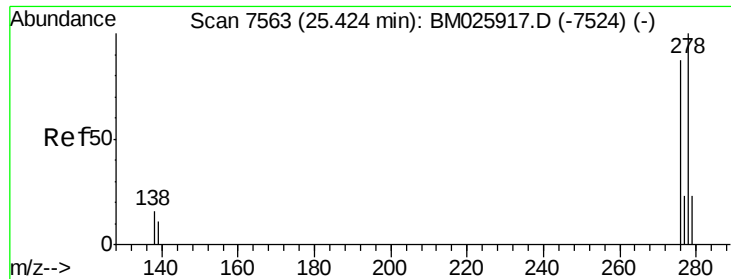
276 100

138 15.5 12.6 19.0

227 0.0 0.0 0.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E





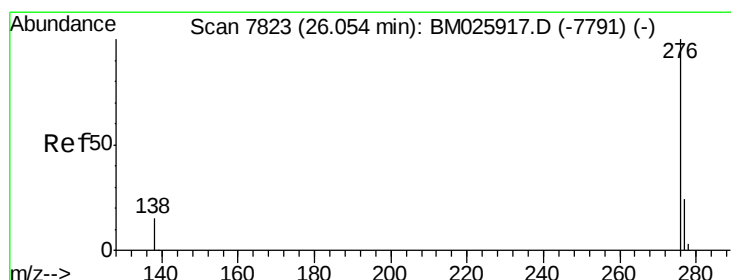
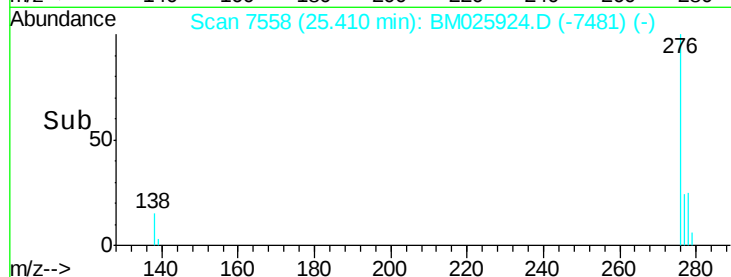
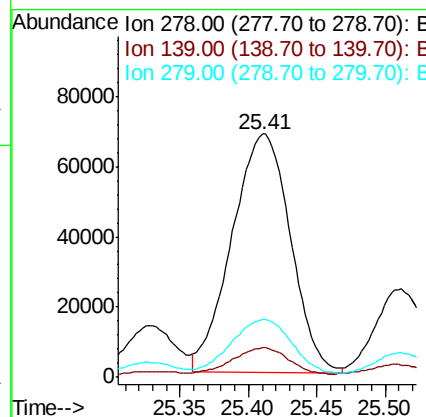
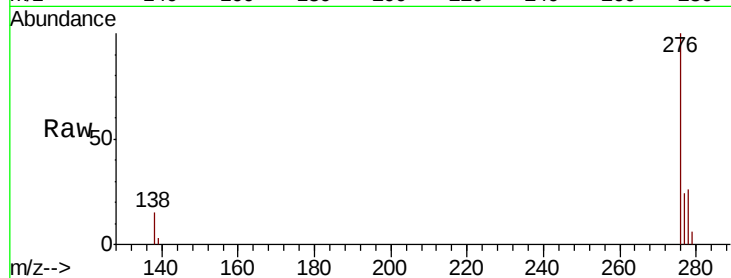
#25
Dibenzo(a,h)anthracene
Concen: 2.245 ng/ul
RT: 25.41 min Scan# 7558
Delta R.T. -0.01 min
Lab File: BM025924.D
Acq: 03 Apr 2020 22:23

Instrument :
BNA_M
ClientSampleId :
F3E07

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.9	13.3
279	23.8	20.0	30.0

Manual Integrations
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mohammad
4/6/2020 1:40:58 PM



#26
Benzo(g,h,i)perylene
Concen: 4.288 ng/ul
RT: 26.05 min Scan# 7823
Delta R.T. -0.00 min
Lab File: BM025924.D
Acq: 03 Apr 2020 22:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	11.8	17.8
277	23.9	19.2	28.8

