

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
 Data File : BM025926.D
 Acq On : 03 Apr 2020 23:35
 Operator : CG/JU
 Sample : L2062-05DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F3E04DL

Manual Integrations
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Quant Time: Apr 04 00:33:47 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	5153	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	22737	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	14718	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	34173	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	34540	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	28370	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1579	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4923	0.05	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.37	128	2440	0.036	ng/ul#	93
7) Acenaphthylene	13.92	152	10750	0.171	ng/ul	99
8) Acenaphthene	14.26	153	3881	0.074	ng/ul	99
9) Fluorene	15.25	166	6486	0.100	ng/ul	99
12) Phenanthrene	16.99	178	26905	0.250	ng/ul	99
13) Anthracene	17.08	178	47625	0.501	ng/ul	99
15) Fluoranthene	19.01	202	244469	1.838	ng/ul	99
17) Pyrene	19.37	202	346115	2.798	ng/ul	97
18) Benzo(a)anthracene	21.12	228	225830	1.829	ng/ul	98
19) Chrysene	21.17	228	402147	2.984	ng/ul	99
21) Benzo(b)fluoranthene	22.65	252	553913m	5.305	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	181346m	1.620	ng/ul	
23) Benzo(a)pyrene	23.19	252	207145	2.220	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.40	276	89688	0.718	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.41	278	26078	0.250	ng/ul	97
26) Benzo(a,h,i)perylene	26.04	276	48679	0.461	ng/ul	99

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

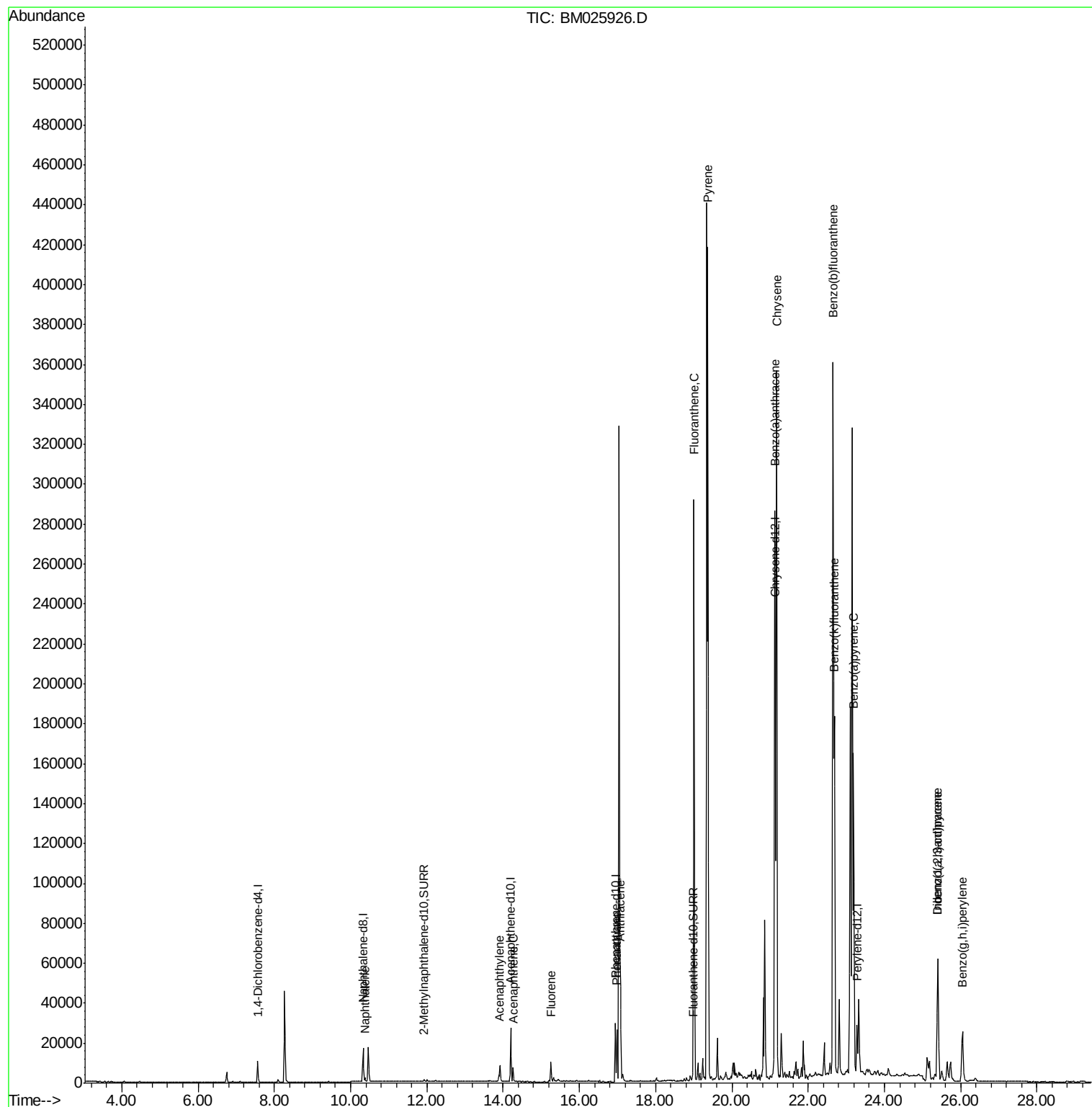
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
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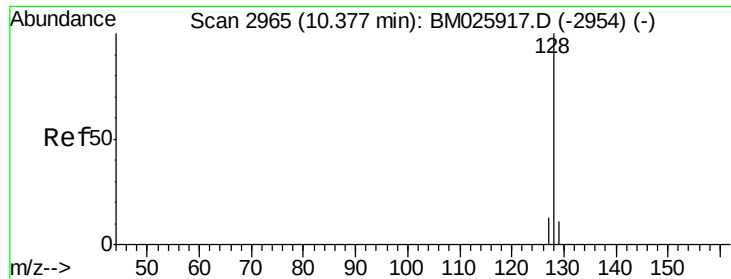
Instrument :
BNA_M
ClientSampleId :
F3E04DL

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Quant Time: Apr 04 00:33:47 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





#3

Naphthalene

Concen: 0.036 ng/ul

RT: 10.37 min Scan# 2964

Delta R.T. -0.01 min

Lab File: BM025926.D

Acq: 03 Apr 2020 23:35

Instrument :

BNA_M

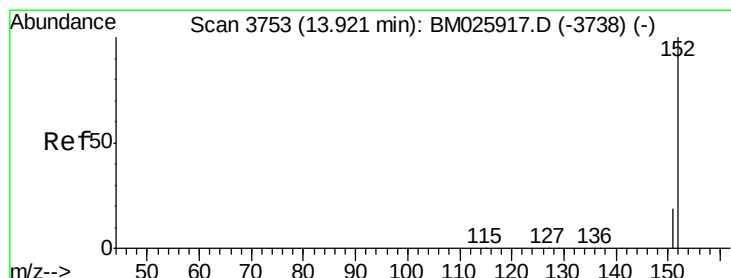
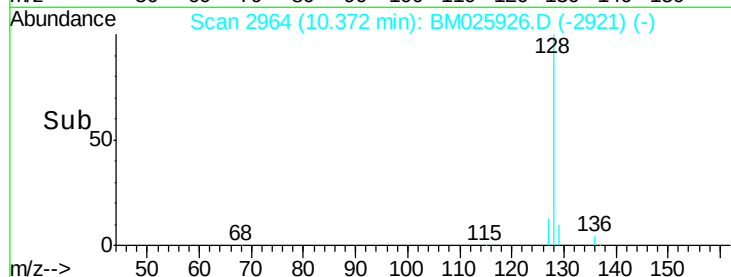
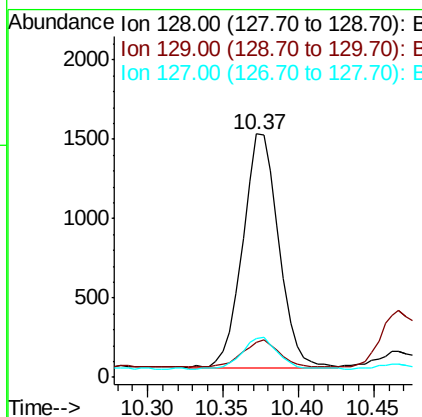
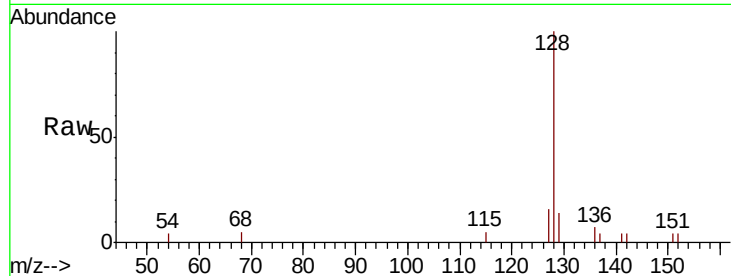
ClientSampleId :

F3E04DL

Tot Ion:	128	Resp:	2440
Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.1	13.7#
127	15.9	10.7	16.1

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#7

Acenaphthylene

Concen: 0.171 ng/ul

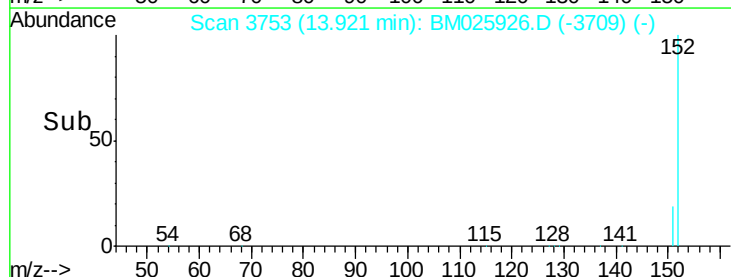
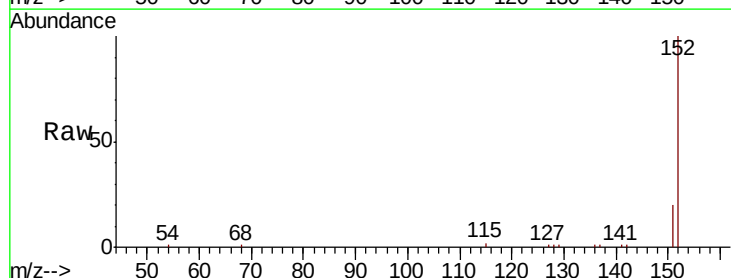
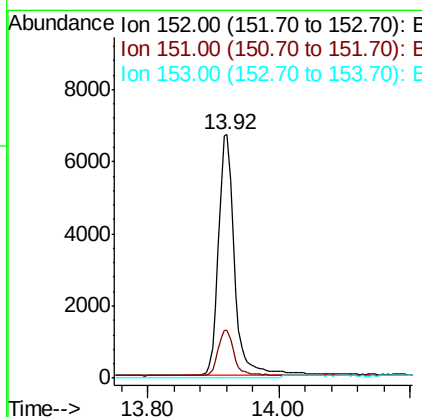
RT: 13.92 min Scan# 3753

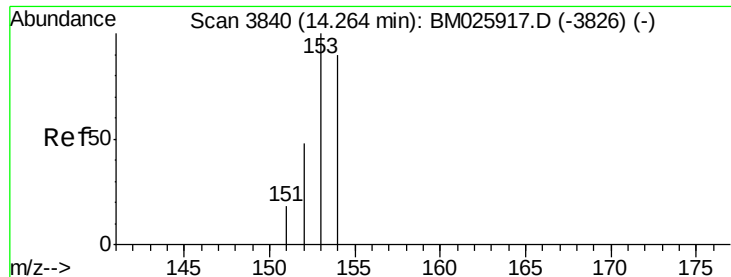
Delta R.T. -0.00 min

Lab File: BM025926.D

Acq: 03 Apr 2020 23:35

Tgt Ion:	152	Resp:	10750
Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.1	24.1
153	0.0	0.0	0.0





#8

Acenaphthene

Concen: 0.074 ng/ul

RT: 14.26 min Scan# 3840

Delta R.T. -0.00 min

Lab File: BM025926.D

Acq: 03 Apr 2020 23:35

Instrument :

BNA_M

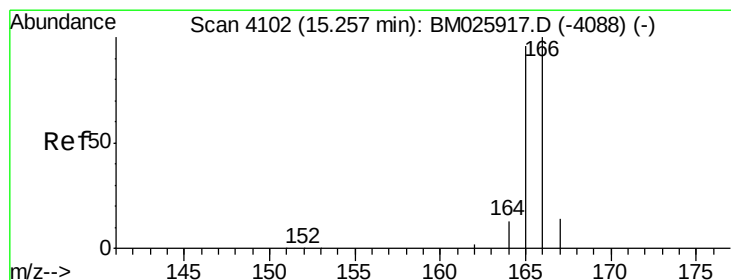
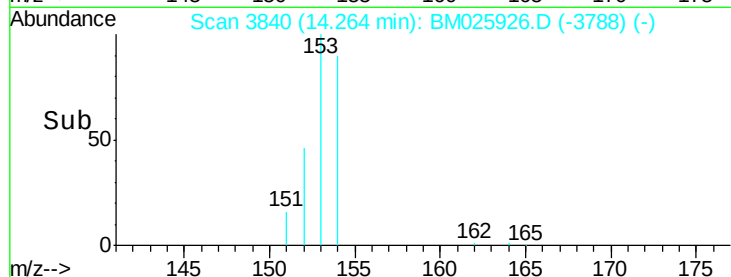
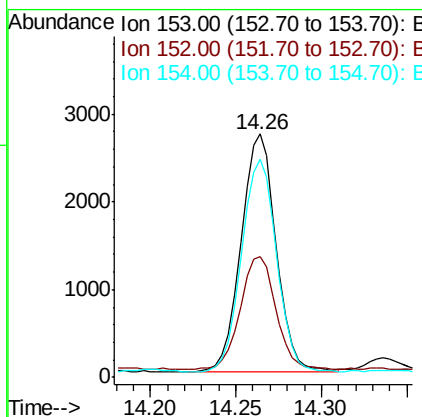
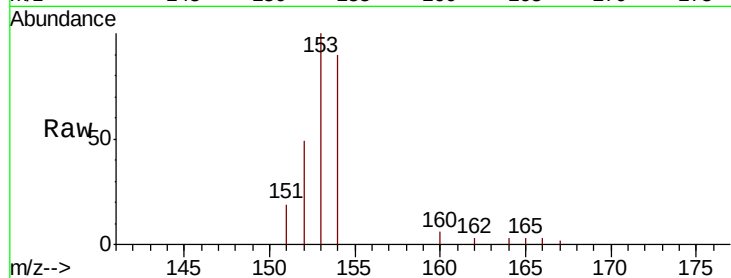
ClientSampleId :

F3E04DL

Tot Ion:	153	Resp:	3881
Ion	Ratio	Lower	Upper
153	100		
152	49.3	38.8	58.2
154	89.8	71.9	107.9

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#9

Fluorene

Concen: 0.100 ng/ul

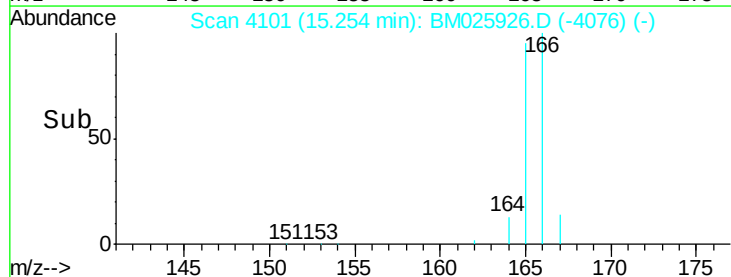
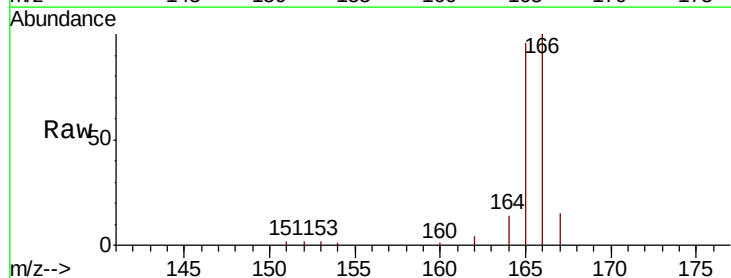
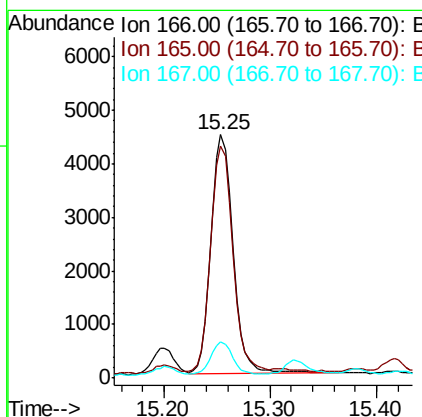
RT: 15.25 min Scan# 4101

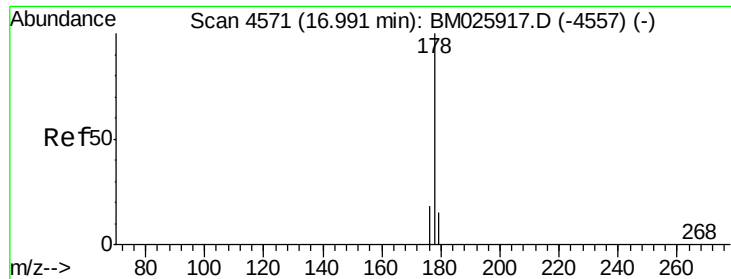
Delta R.T. -0.01 min

Lab File: BM025926.D

Acq: 03 Apr 2020 23:35

Tgt Ion:	166	Resp:	6486
Ion	Ratio	Lower	Upper
166	100		
165	95.5	76.6	115.0
167	15.1	11.4	17.0





#12

Phenanthrene

Concen: 0.250 ng/ul

RT: 16.99 min Scan# 4570

Delta R.T. -0.00 min

Lab File: BM025926.D

Acq: 03 Apr 2020 23:35

Instrument :

BNA_M

ClientSampleId :

F3E04DL

Tot Ion:178 Resp: 26905

Ion Ratio Lower Upper

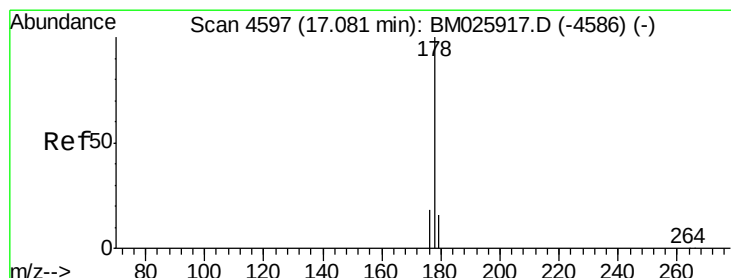
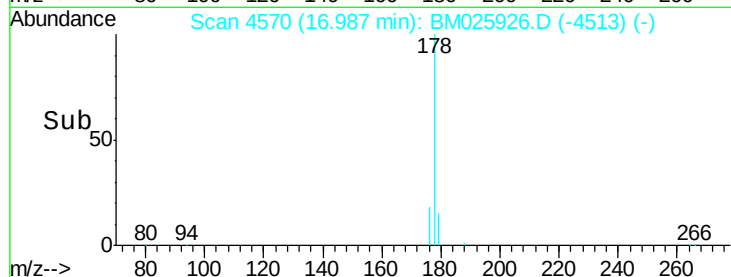
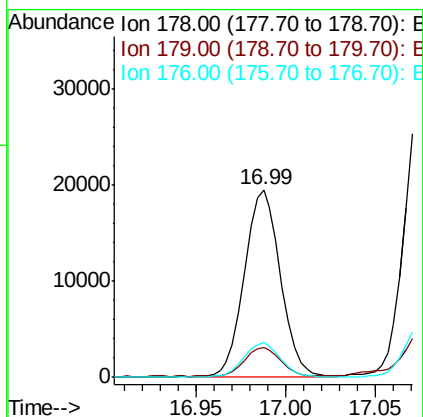
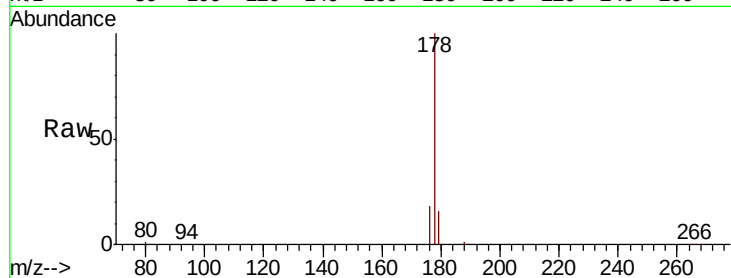
178 100

179 15.9 12.8 19.2

176 18.5 15.1 22.7

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#13

Anthracene

Concen: 0.501 ng/ul

RT: 17.08 min Scan# 4596

Delta R.T. -0.00 min

Lab File: BM025926.D

Acq: 03 Apr 2020 23:35

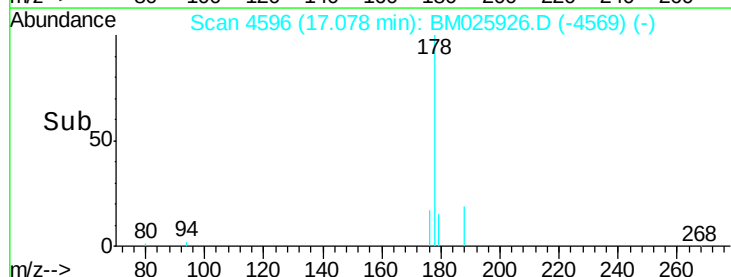
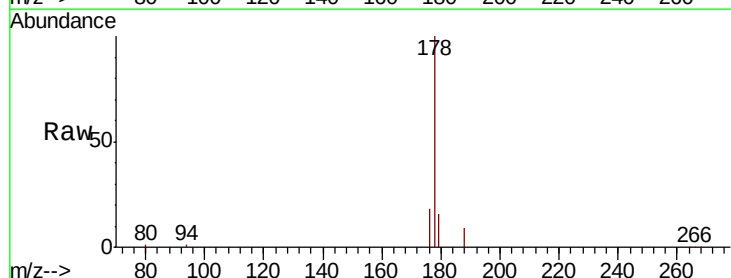
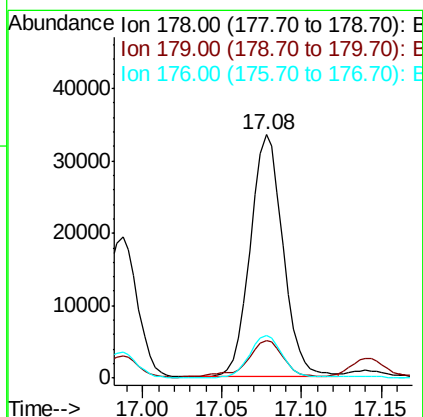
Tgt Ion:178 Resp: 47625

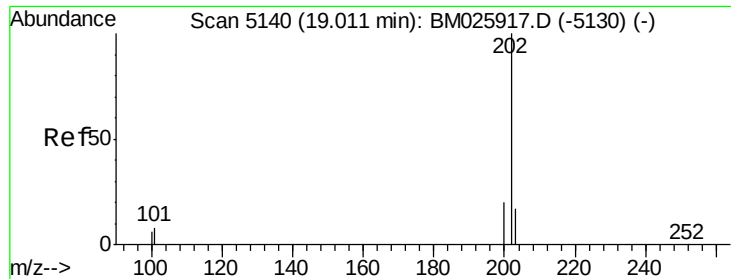
Ion Ratio Lower Upper

178 100

179 15.5 12.8 19.2

176 17.7 14.5 21.7





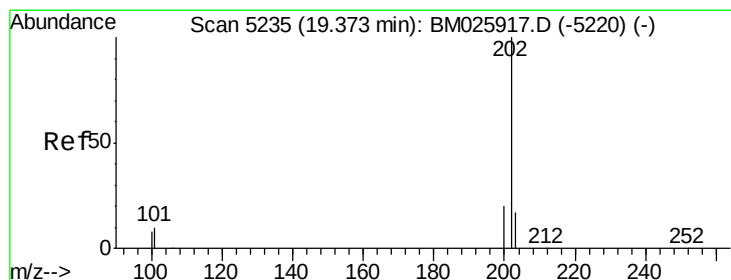
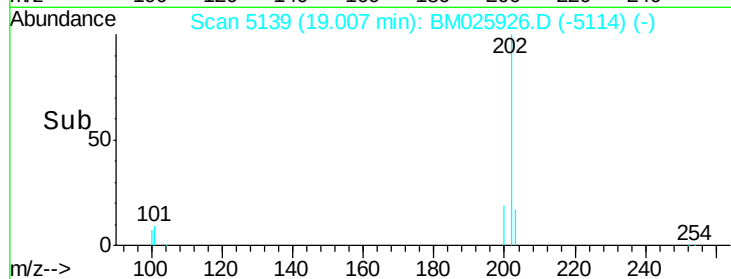
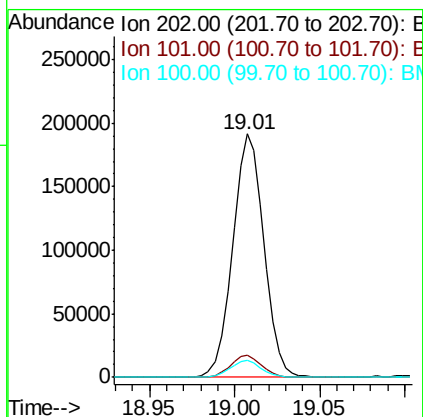
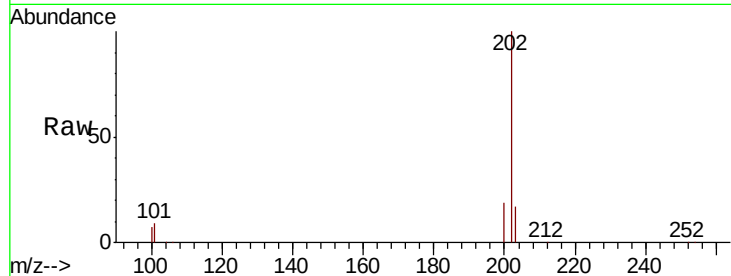
#15
Fluoranthene
Concen: 1.838 ng/ul
RT: 19.01 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BM025926.D
Acq: 03 Apr 2020 23:35

Instrument :
BNA_M
ClientSampled :
F3E04DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		244469		
101	8.9	0.0	28.6		
100	6.8	0.0	27.0		

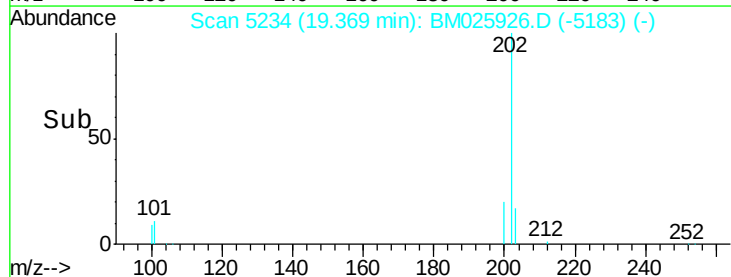
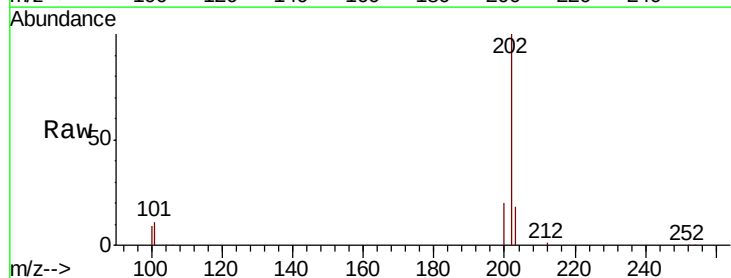
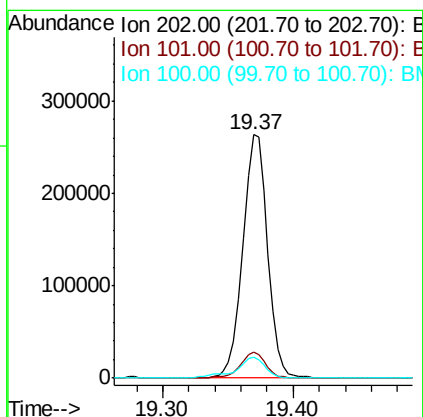
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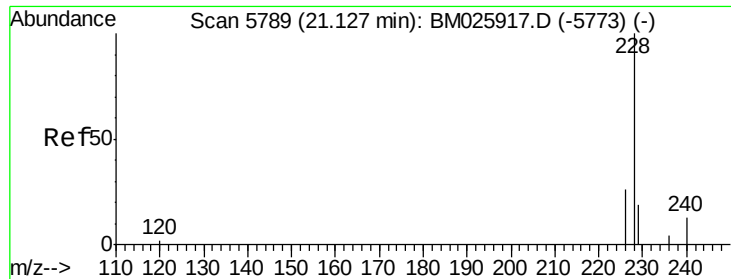
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#17
Pyrene
Concen: 2.798 ng/ul
RT: 19.37 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BM025926.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		346115		
101	10.8	7.5	11.3		
100	8.8	6.3	9.5		





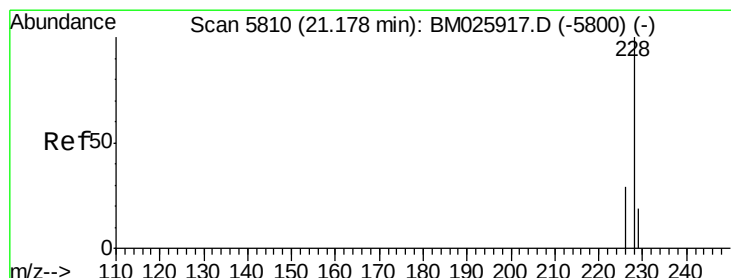
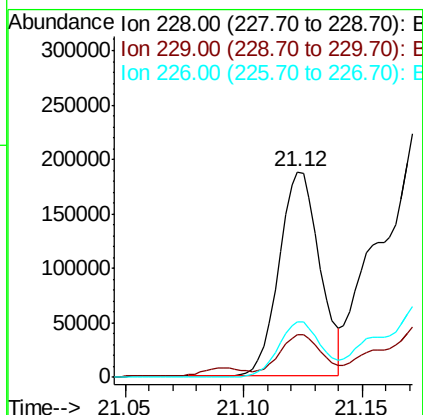
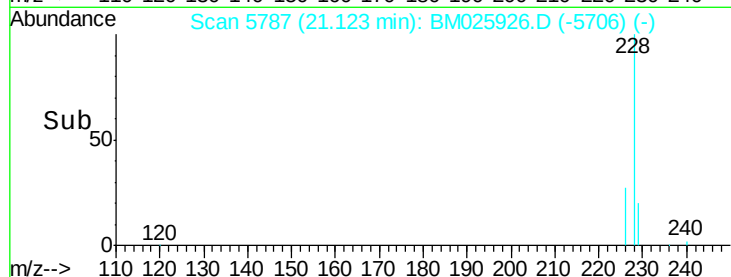
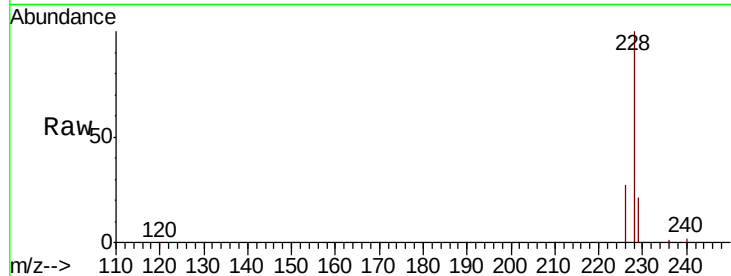
#18
Benzo(a)anthracene
Concen: 1.829 ng/ul
RT: 21.12 min Scan# 5787
Delta R.T. -0.00 min
Lab File: BM025926.D
Acq: 03 Apr 2020 23:35

Instrument :
BNA_M
ClientSampleId :
F3E04DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.8	23.8
226	27.1	20.9	31.3

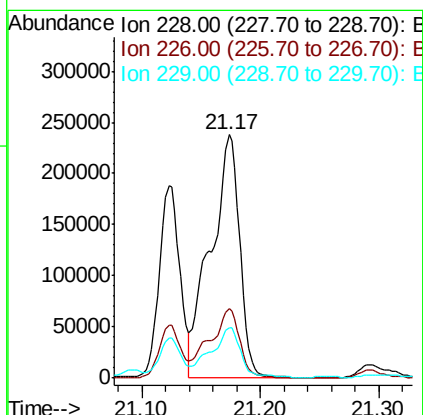
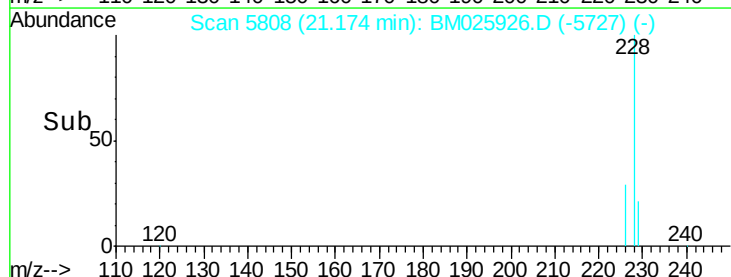
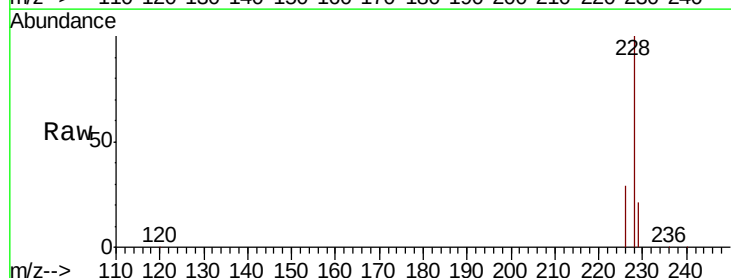
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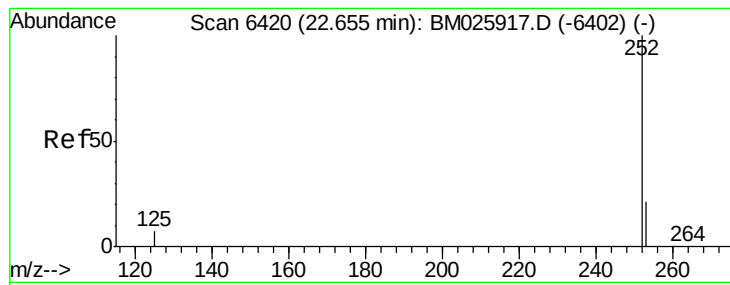
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#19
Chrysene
Concen: 2.984 ng/ul
RT: 21.17 min Scan# 5808
Delta R.T. -0.00 min
Lab File: BM025926.D
Acq: 03 Apr 2020 23:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.9	34.3
229	20.9	15.8	23.8





#21

Benzo(b)fluoranthene

Concen: 5.305 ng/ul m

RT: 22.65 min Scan# 6418

Delta R.T. -0.00 min

Lab File: BM025926.D

Acq: 03 Apr 2020 23:35

Instrument :

BNA_M

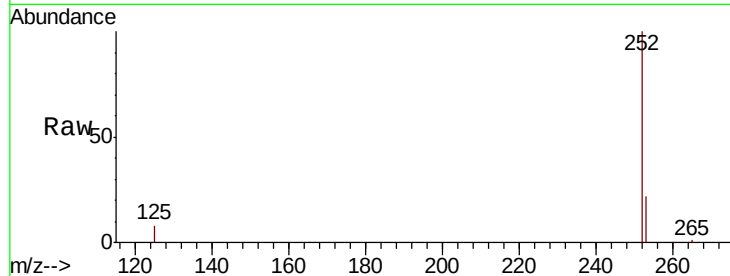
ClientSampleId :

F3E04DL

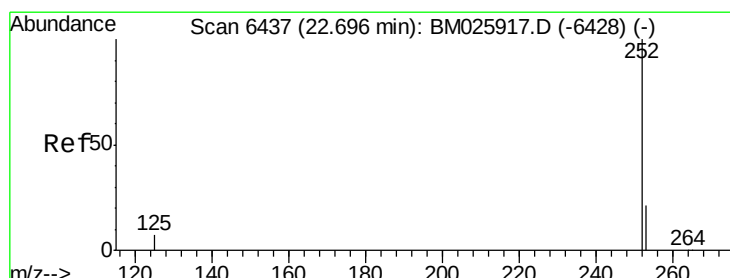
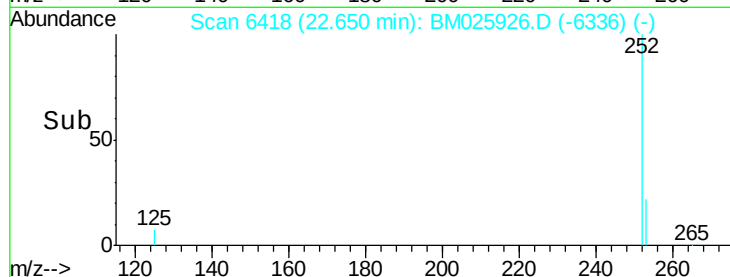
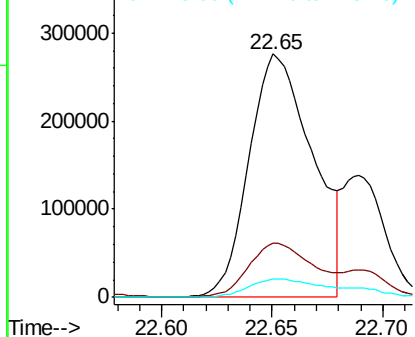
Tot Ion:	252	Resp:	553913
Ion Ratio	Lower	Upper	
252	100		
253	22.2	0.0	46.6
125	7.6	0.0	15.4

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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: 1.620 ng/ul m

RT: 22.69 min Scan# 6434

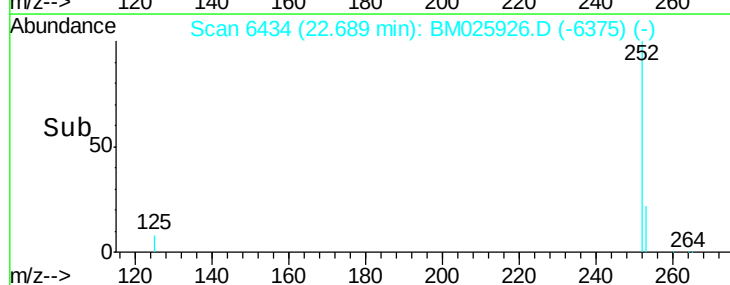
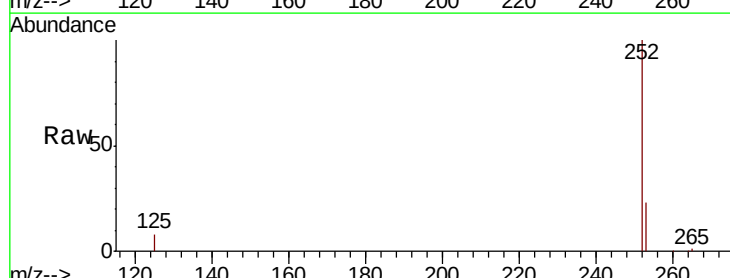
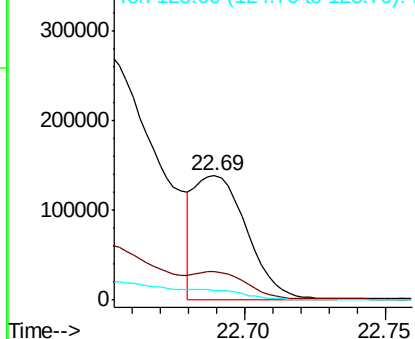
Delta R.T. -0.01 min

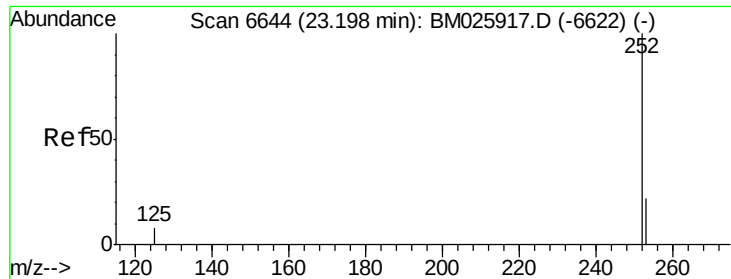
Lab File: BM025926.D

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Tgt Ion:	252	Resp:	181346
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.0	28.4
125	8.0	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





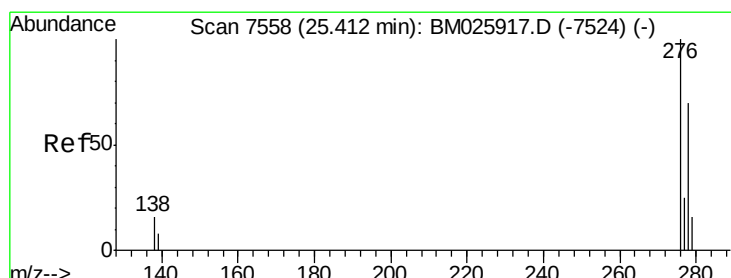
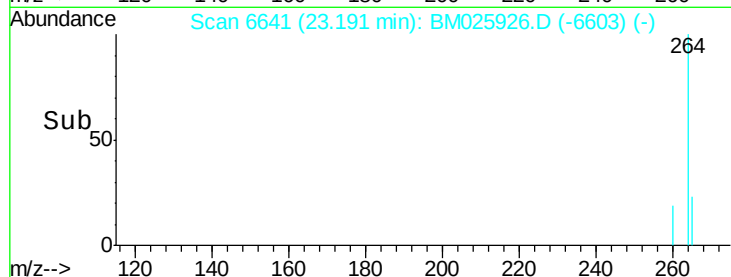
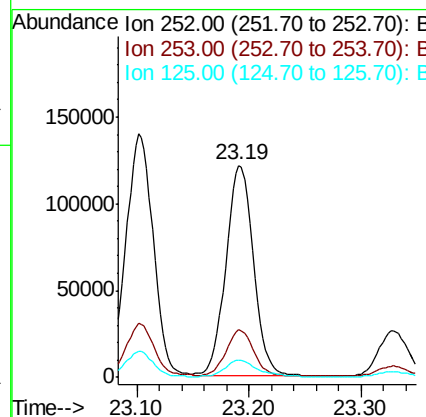
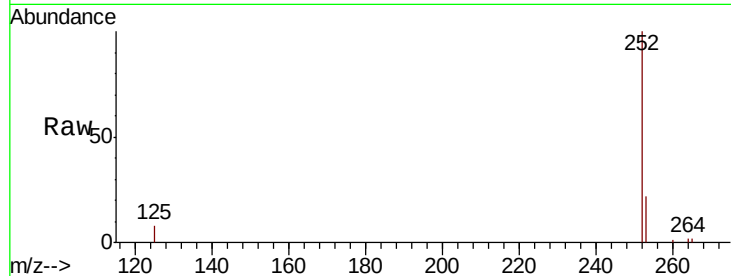
#23
Benzo(a)pyrene
Concen: 2.220 ng/ul
RT: 23.19 min Scan# 6641
Delta R.T. -0.01 min
Lab File: BM025926.D
Acq: 03 Apr 2020 23:35

Instrument :
BNA_M
ClientSampleId :
F3E04DL

Tot Ion:	252	Resp:	207145
Ion Ratio	Lower	Upper	
252	100		
253	22.3	19.2	28.8
125	8.3	7.4	11.0

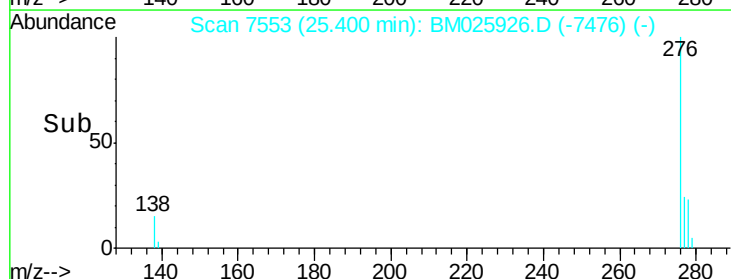
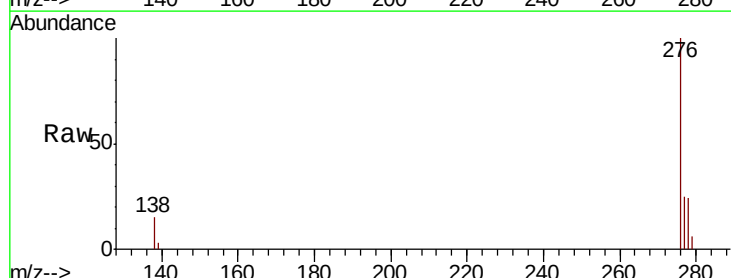
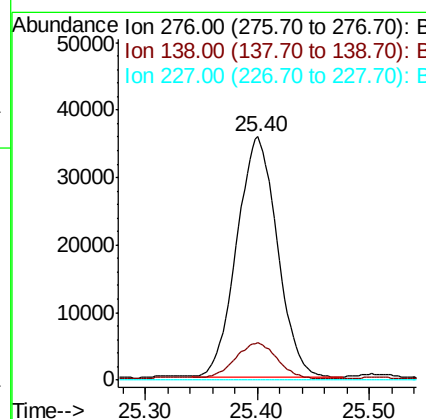
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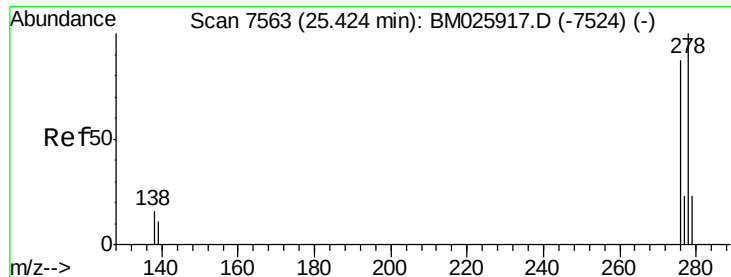
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.718 ng/ul
RT: 25.40 min Scan# 7553
Delta R.T. -0.01 min
Lab File: BM025926.D
Acq: 03 Apr 2020 23:35

Tgt Ion:	276	Resp:	89688
Ion Ratio	Lower	Upper	
276	100		
138	15.8	12.6	19.0
227	0.0	0.0	0.0





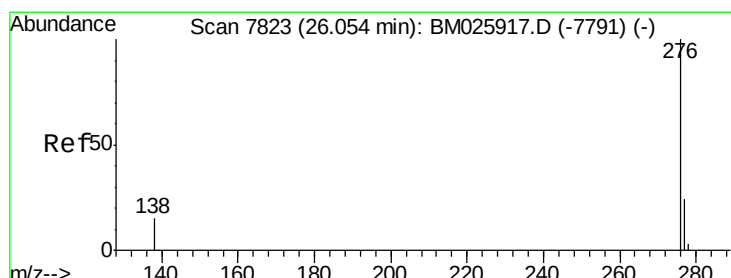
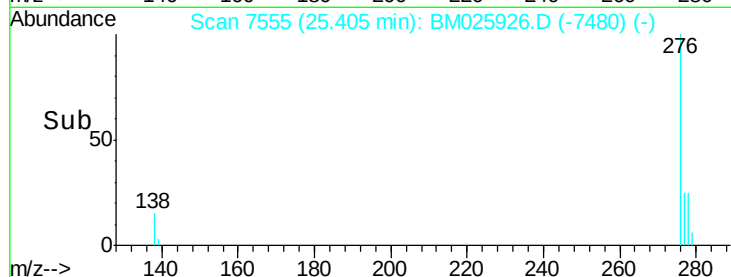
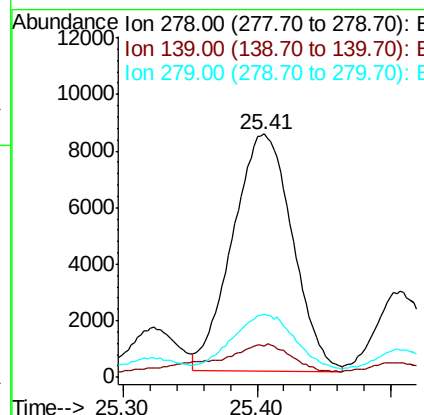
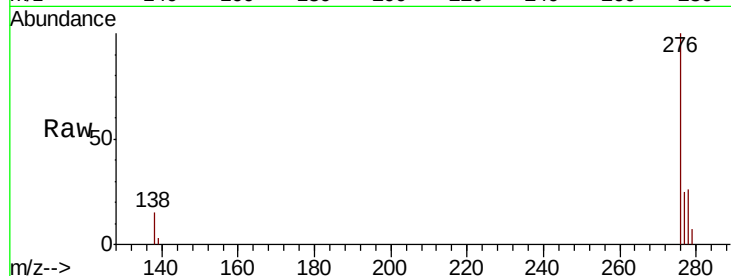
#25
Dibenzo(a,h)anthracene
Concen: 0.250 ng/ul
RT: 25.41 min Scan# 7555
Delta R.T. -0.02 min
Lab File: BM025926.D
Acq: 03 Apr 2020 23:35

Instrument :
BNA_M
ClientSampleId :
F3E04DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.0	8.9	13.3
279	25.7	20.0	30.0

Manual Integrations
APPROVED

mohammad
4/6/2020 1:41:26 PM



#26
Benzo(g,h,i)perylene
Concen: 0.461 ng/ul
RT: 26.04 min Scan# 7819
Delta R.T. -0.01 min
Lab File: BM025926.D
Acq: 03 Apr 2020 23:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	11.8	17.8
277	24.1	19.2	28.8

