

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
 Data File : BM027918.D
 Acq On : 23 Nov 2020 18:01
 Operator : JU/CG
 Sample : L4711-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B36DL

Manual Integrations
 APPROVED

mohammad
 11/25/2020 12:45:08 PM

Quant Time: Nov 24 00:49:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 23 11:35:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1073	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	4296	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2606	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4679	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2904	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2595	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	923	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1371	0.11	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	1269	0.099	ng/ul#	92
5) 2-Methylnaphthalene	12.80	142	839	0.096	ng/ul	99
7) Acenaphthylene	14.67	152	1233	0.097	ng/ul#	90
8) Acenaphthene	15.00	153	6699	0.703	ng/ul	99
9) Fluorene	15.98	166	8233	0.745	ng/ul	100
12) Phenanthrene	17.70	178	166230	11.247	ng/ul	97
13) Anthracene	17.79	178	20185	1.416	ng/ul	98
15) Fluoranthene	19.68	202	266349	16.252	ng/ul	100
17) Pyrene	20.04	202	201994	13.696	ng/ul	99
18) Benzo(a)anthracene	21.75	228	86050	7.344	ng/ul	99
19) Chrysene	21.80	228	98160	8.601	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	111292m	10.205	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	40287m	3.772	ng/ul	
23) Benzo(a)pyrene	24.08	252	72505	7.604	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	26.68	276	49646	4.809	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	12266	1.427	ng/ul	94
26) Benzo(a,h,i)perylene	27.46	276	47302	5.461	ng/ul	92

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

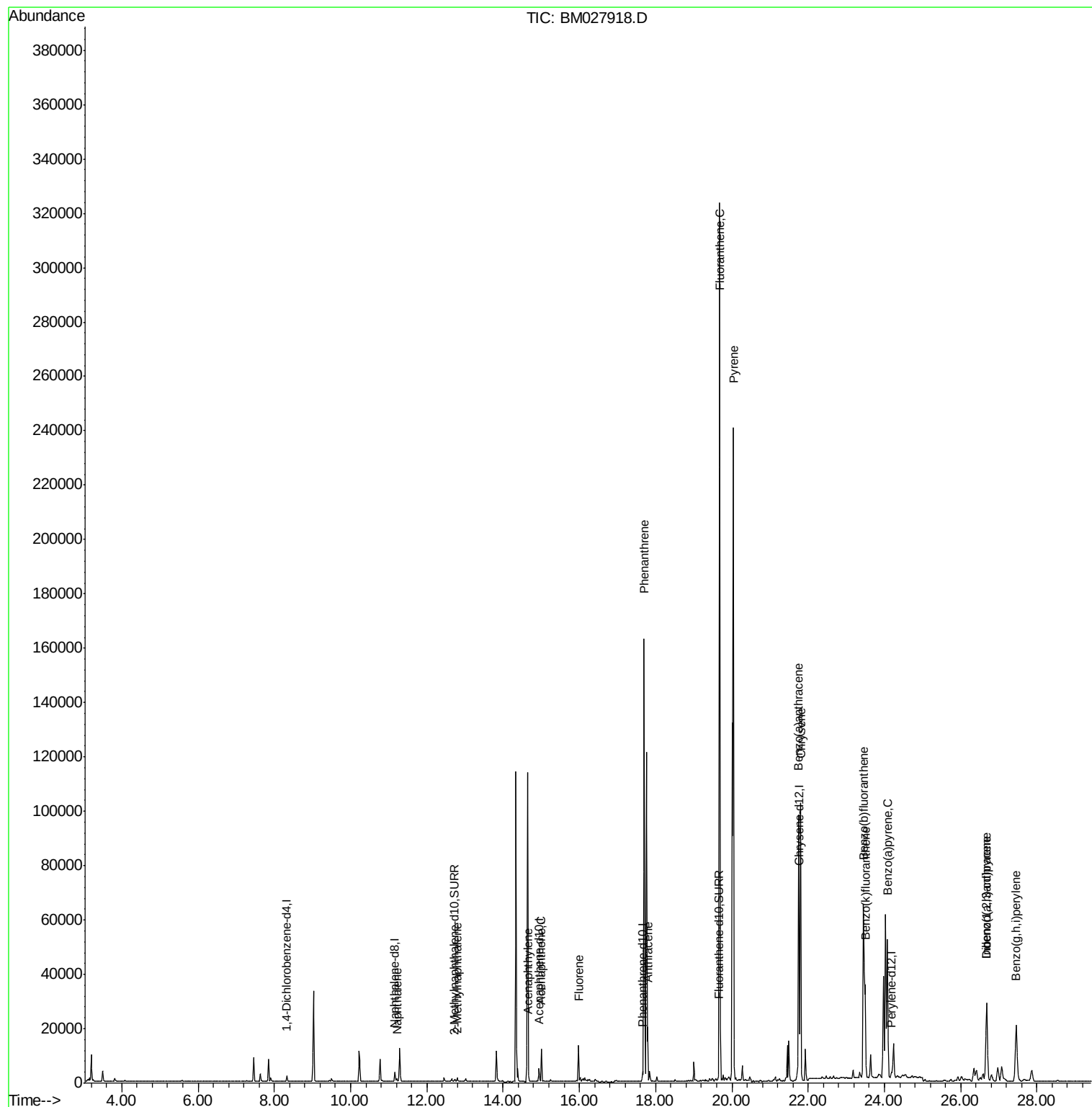
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
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ALS Vial : 14 Sample Multiplier: 1

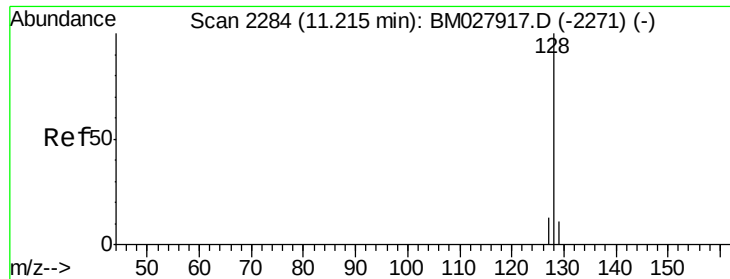
Instrument :
BNA_M
ClientSampleId :
C0B36DL

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Quant Time: Nov 24 00:49:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 11:35:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.099 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

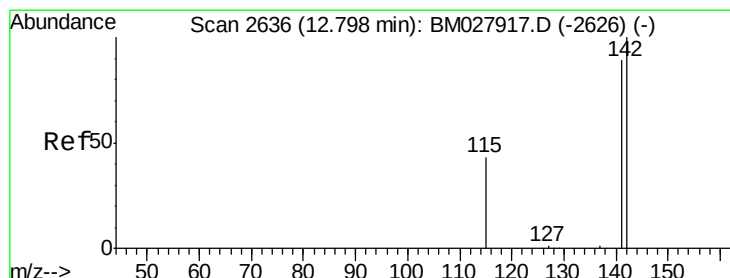
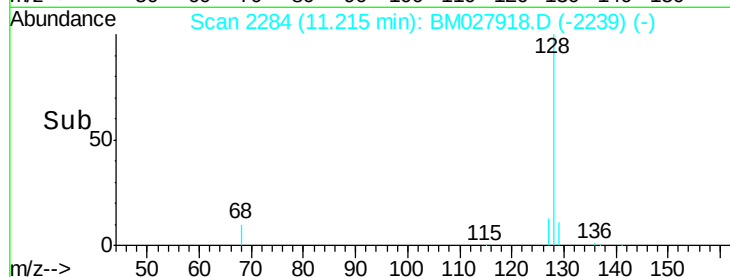
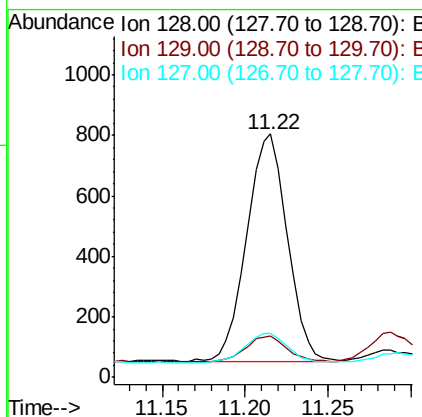
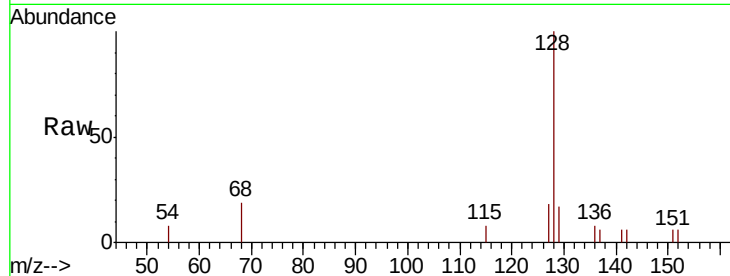
ClientSampled :

C0B36DL

Tot Ion:	128	Resp:	1269
Ion	Ratio	Lower	Upper
128	100		
129	16.8	10.4	15.6#
127	18.0	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.096 ng/ul

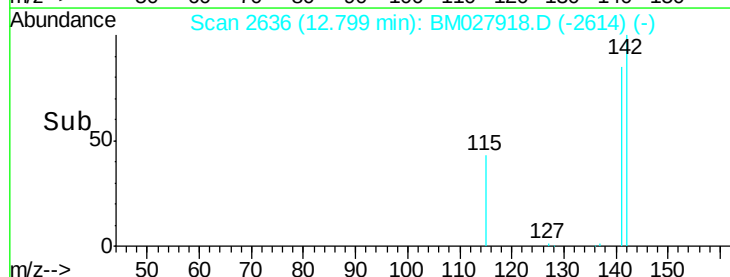
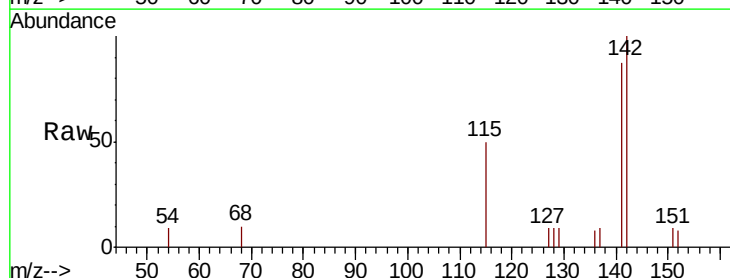
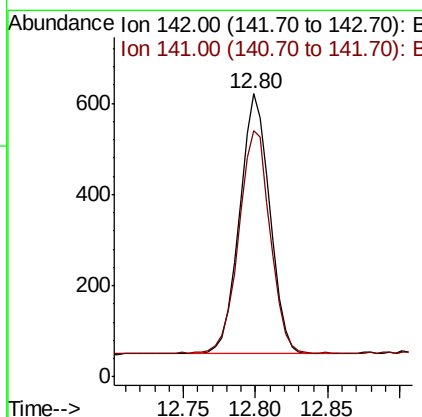
RT: 12.80 min Scan# 2636

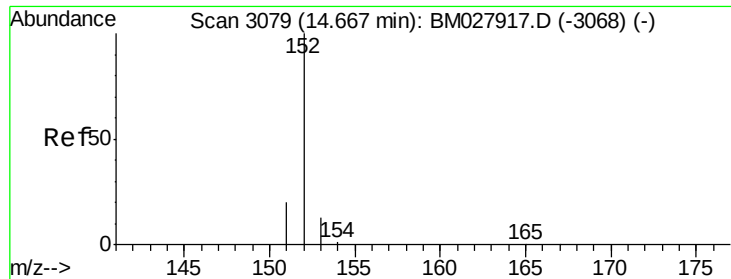
Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Tgt Ion:	142	Resp:	839
Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4





#7

Acenaphthylene

Concen: 0.097 ng/ul

RT: 14.67 min Scan# 3080

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

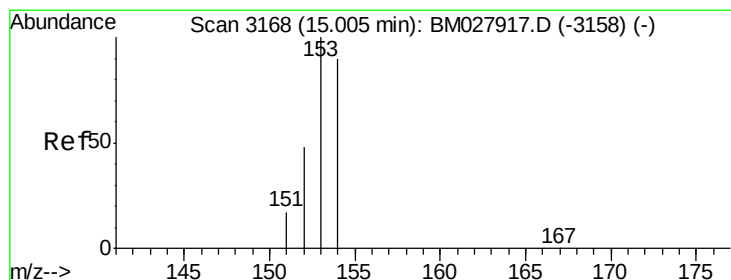
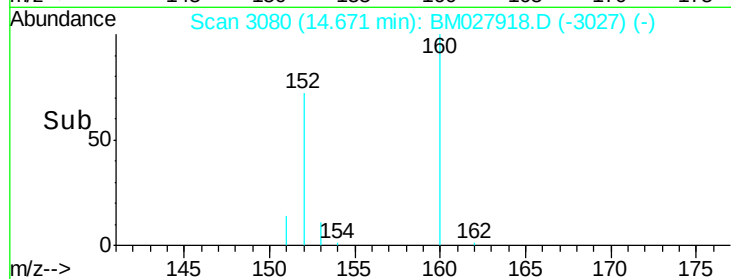
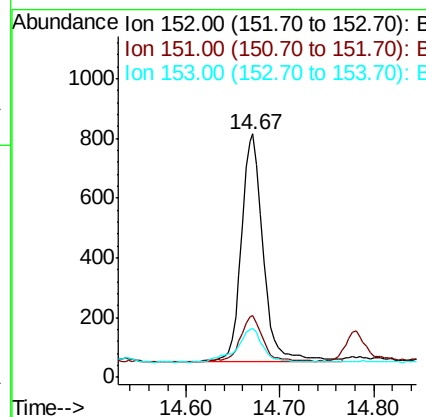
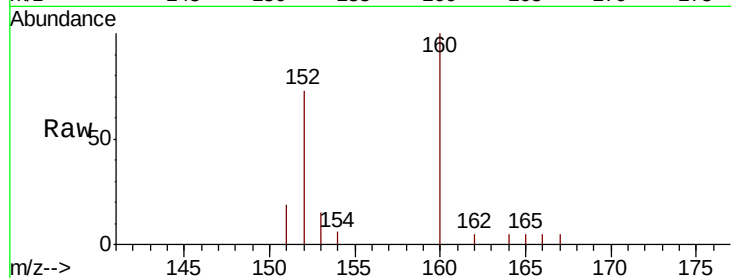
ClientSampled :

C0B36DL

Tot Ion:	152	Resp:	1233
Ion Ratio	Lower	Upper	
152	100		
151	25.4	17.1	25.7
153	20.1	12.0	18.0#

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#8

Acenaphthene

Concen: 0.703 ng/ul

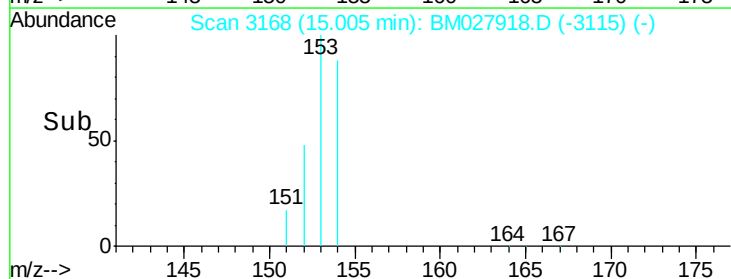
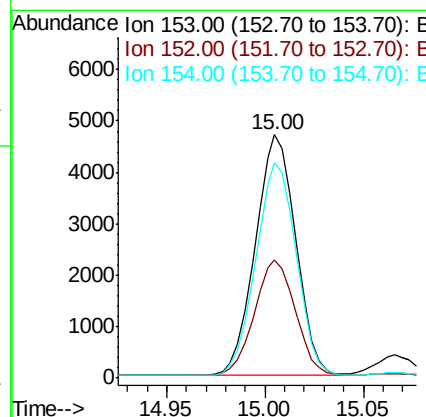
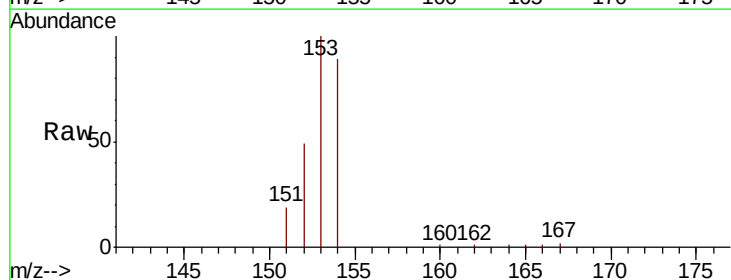
RT: 15.00 min Scan# 3168

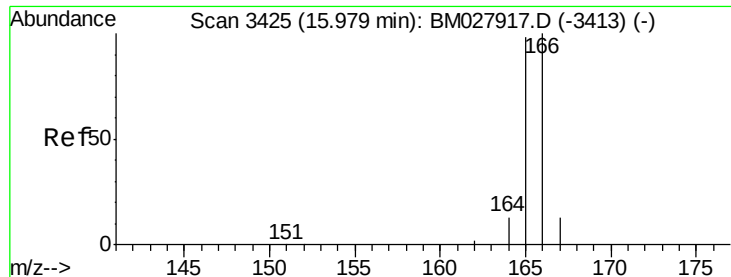
Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Tgt Ion:	153	Resp:	6699
Ion Ratio	Lower	Upper	
153	100		
152	48.6	39.0	58.6
154	88.5	71.6	107.4





#9

Fluorene

Concen: 0.745 ng/ul

RT: 15.98 min Scan# 3425

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

Tot Ion:166 Resp: 8233

Ion Ratio Lower Upper

166 100

165 97.8 78.1 117.1

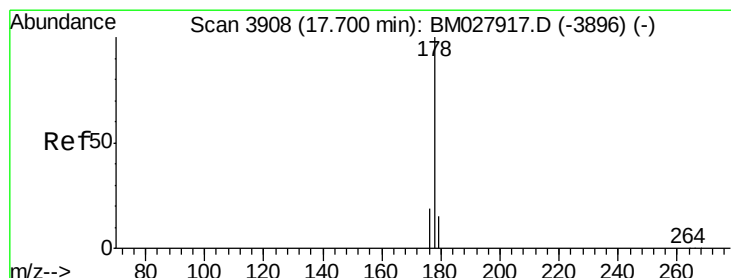
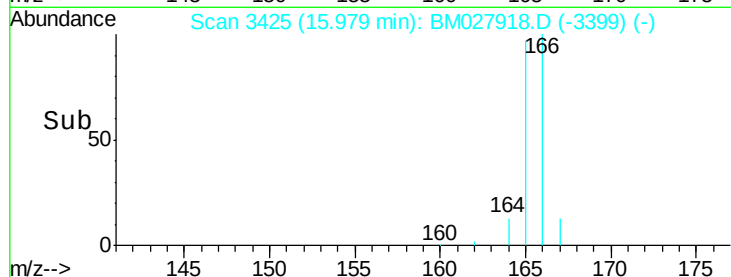
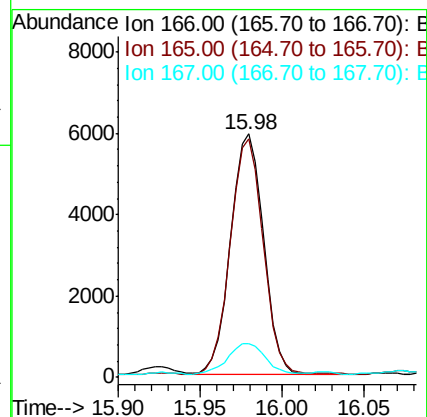
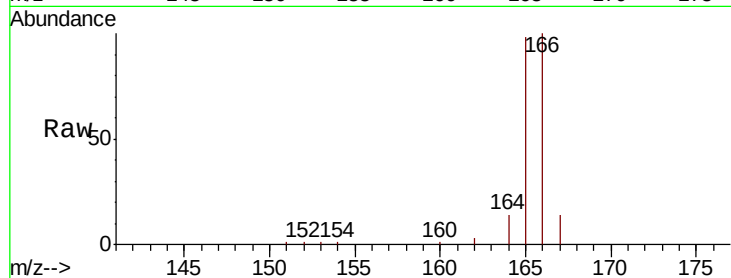
167 14.0 11.8 17.8

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#12

Phenanthrene

Concen: 11.247 ng/ul

RT: 17.70 min Scan# 3908

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

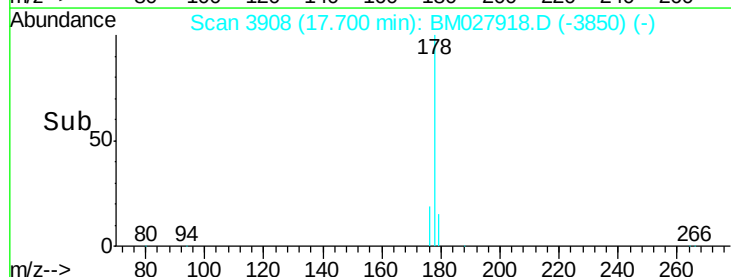
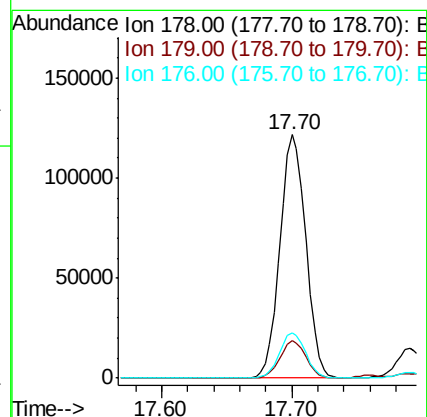
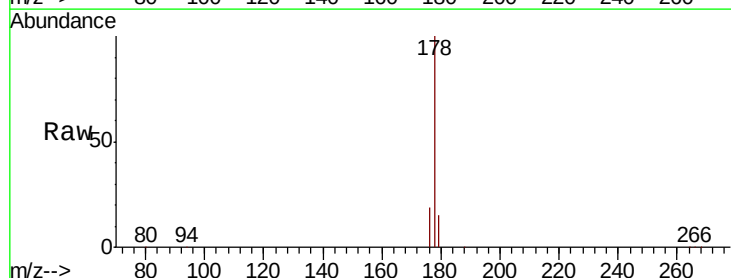
Tgt Ion:178 Resp: 166230

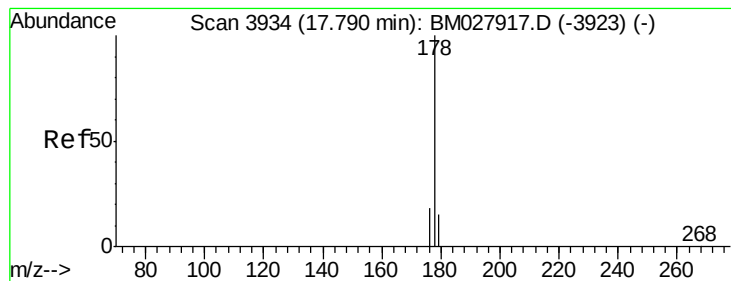
Ion Ratio Lower Upper

178 100

179 15.3 13.6 20.4

176 18.7 16.1 24.1





#13

Anthracene

Concen: 1.416 ng/ul

RT: 17.79 min Scan# 3934

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

Tot Ion:178 Resp: 20185

Ion Ratio Lower Upper

178 100

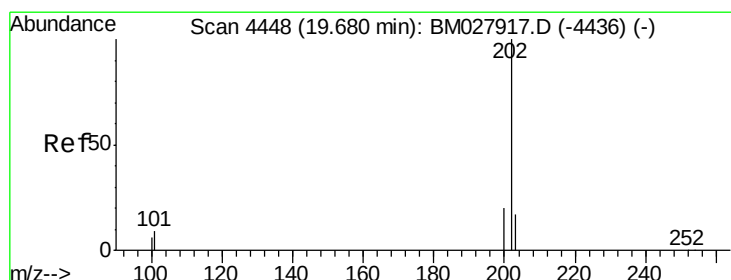
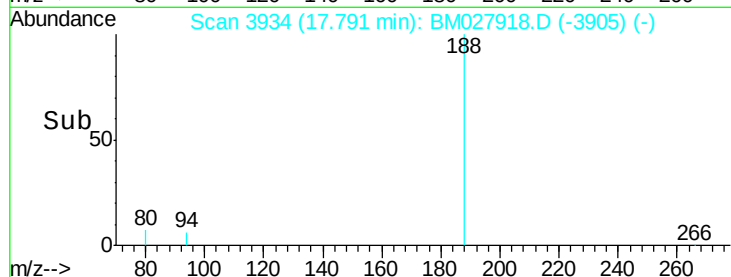
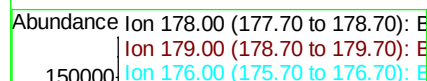
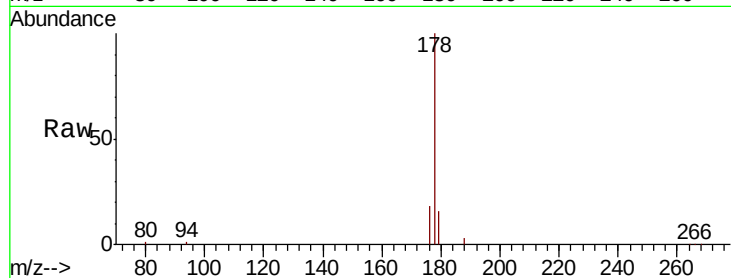
179 15.7 13.4 20.2

176 18.4 15.0 22.6

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#15

Fluoranthene

Concen: 16.252 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

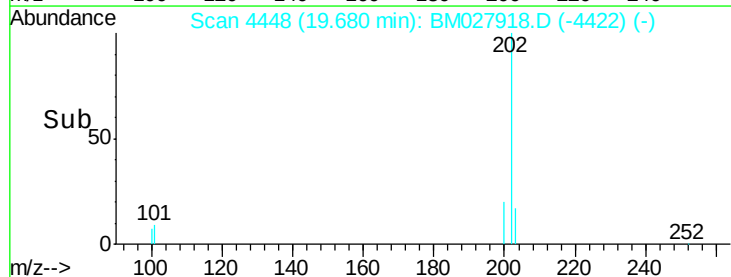
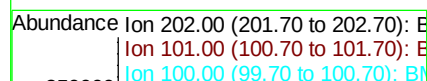
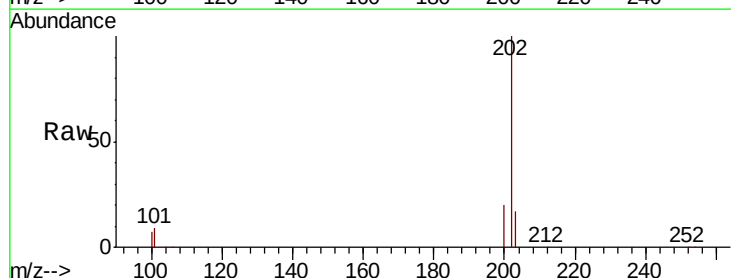
Tgt Ion:202 Resp: 266349

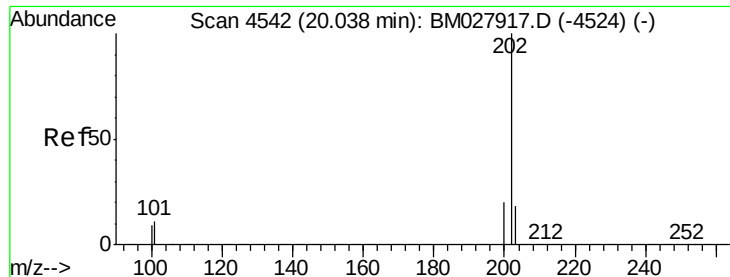
Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.3

100 7.2 0.0 27.4





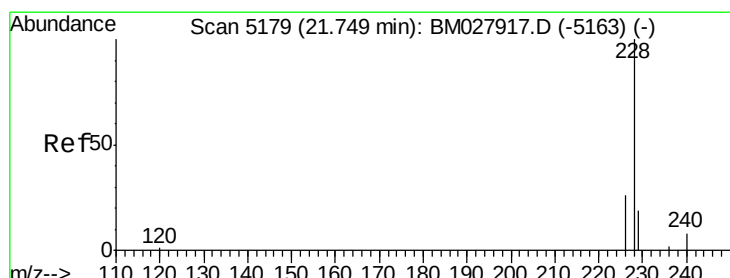
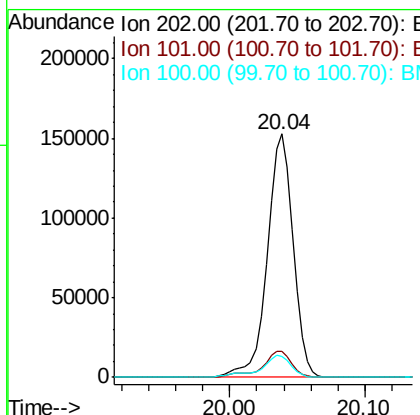
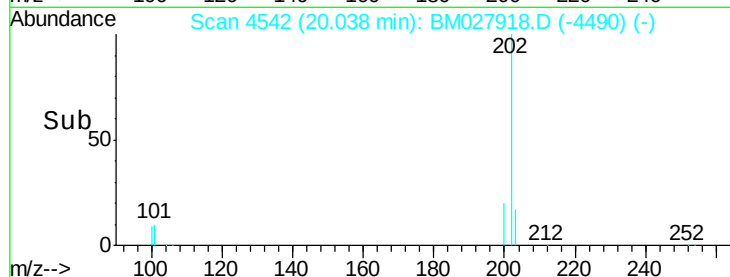
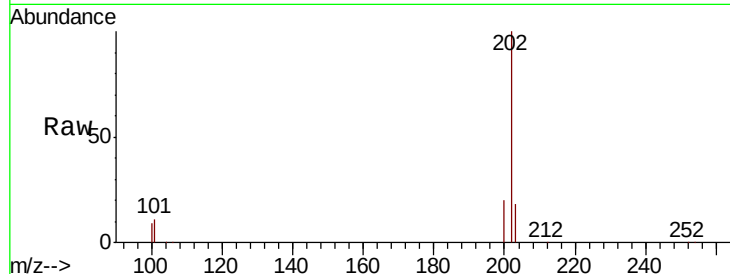
#17
Pvrene
Concen: 13.696 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. 0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Instrument :
BNA_M
ClientSampleId :
C0B36DL

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.5	8.2	12.2
100	8.7	6.9	10.3

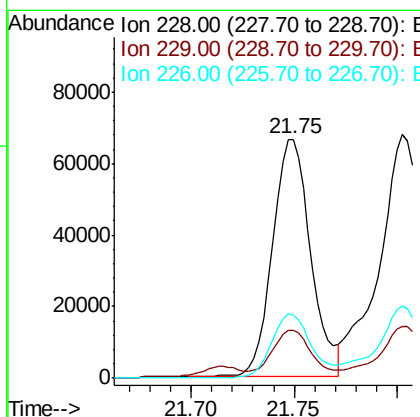
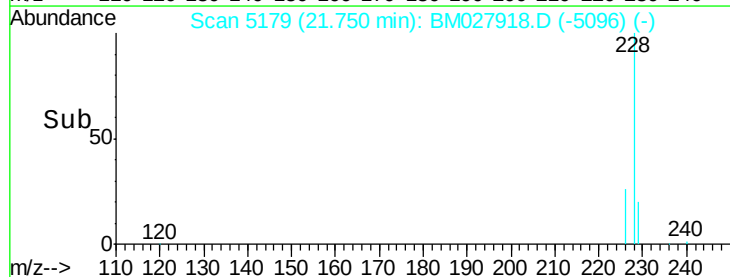
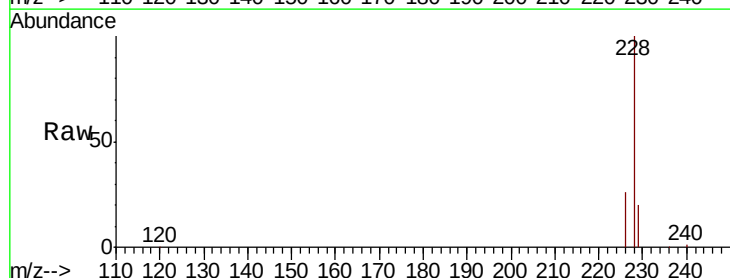
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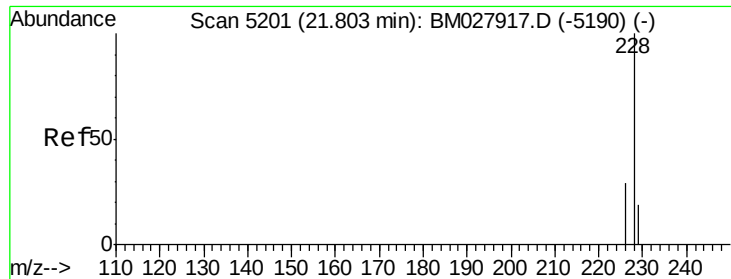
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#18
Benzo(a)anthracene
Concen: 7.344 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. 0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.1	16.2	24.4
226	26.5	21.5	32.3





#19

Chrysene

Concen: 8.601 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

Instrument :

BNA_M

ClientSampleId :

C0B36DL

Tot Ion:228 Resp: 98160

Ion Ratio Lower Upper

228 100

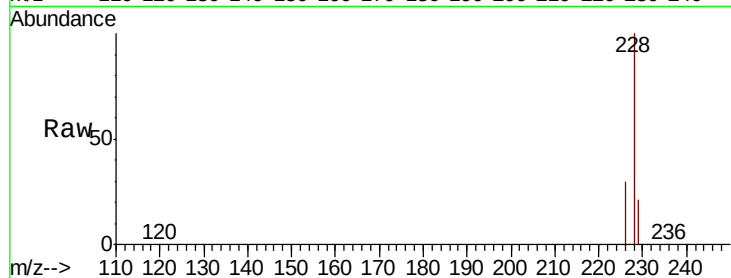
226 29.5 24.1 36.1

229 21.3 16.6 24.8

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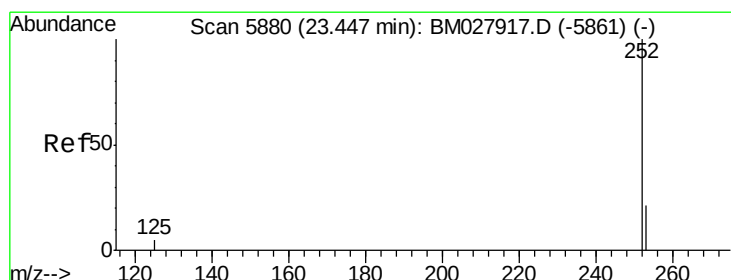
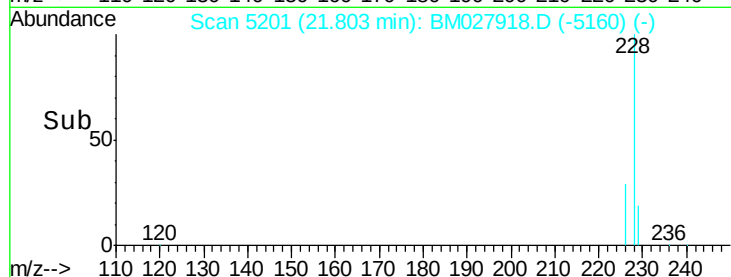
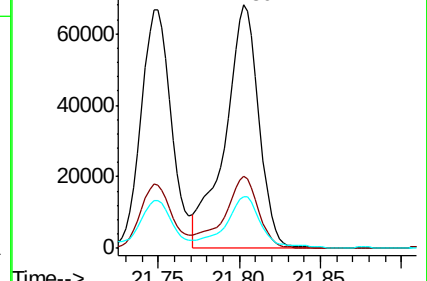
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#21

Benzo(b)fluoranthene

Concen: 10.205 ng/ul m

RT: 23.45 min Scan# 5881

Delta R.T. 0.00 min

Lab File: BM027918.D

Acq: 23 Nov 2020 18:01

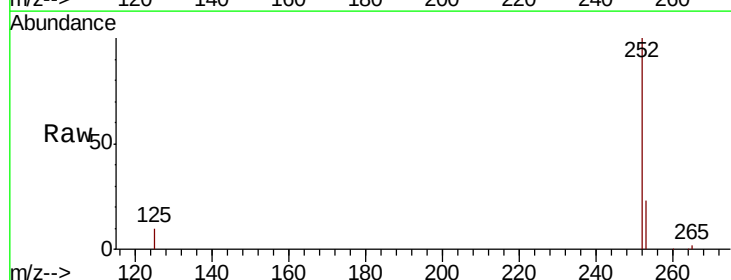
Tgt Ion:252 Resp: 111292

Ion Ratio Lower Upper

252 100

253 23.1 0.0 59.6

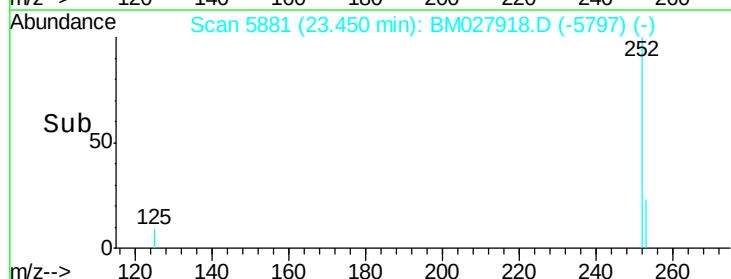
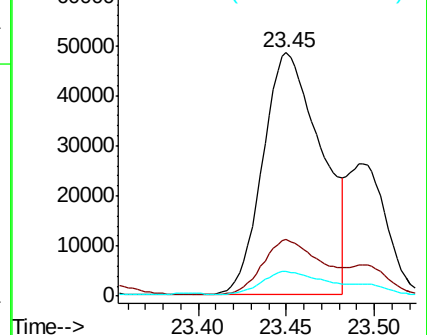
125 10.0 0.0 28.4

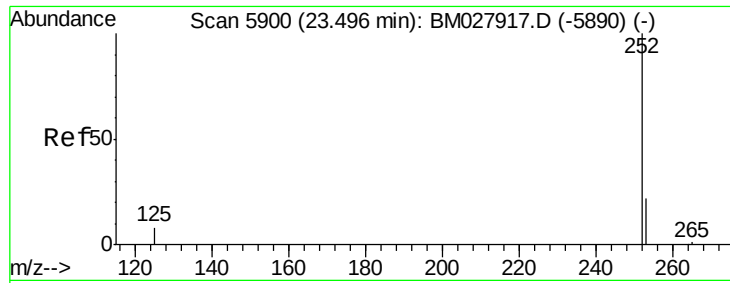


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





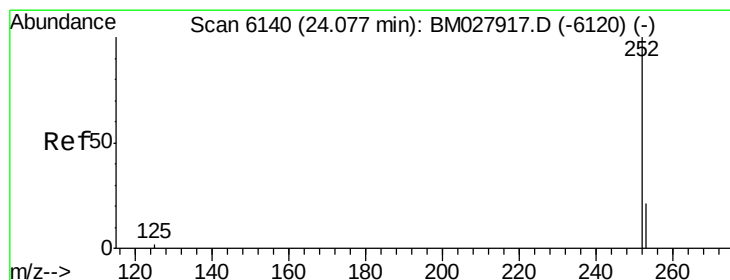
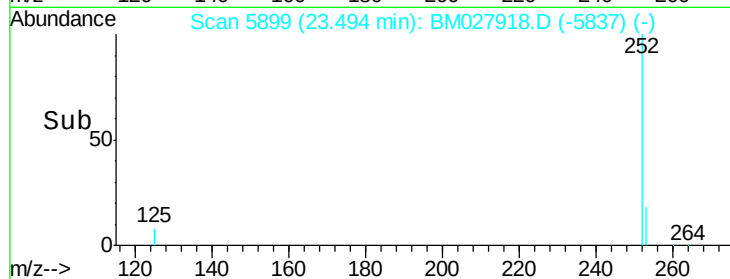
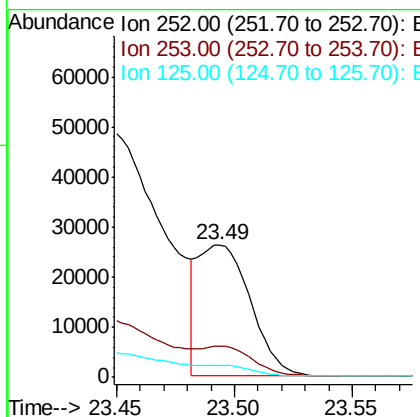
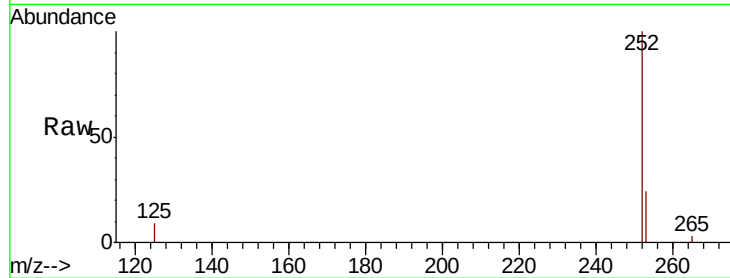
#22
Benzo(k)fluoranthene
Concen: 3.772 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. 0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Instrument :
BNA_M
ClientSampleId :
C0B36DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.8	23.2	34.8
125	9.2	11.8	17.6

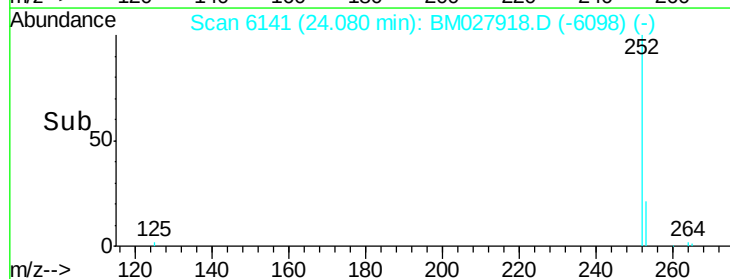
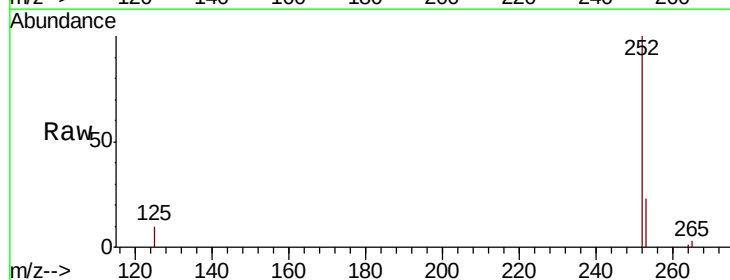
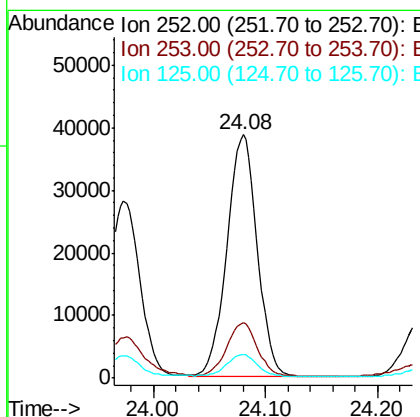
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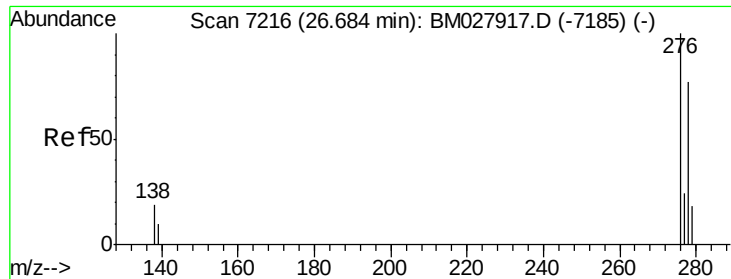
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#23
Benzo(a)pyrene
Concen: 7.604 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	25.2	37.8
125	9.6	13.8	20.6





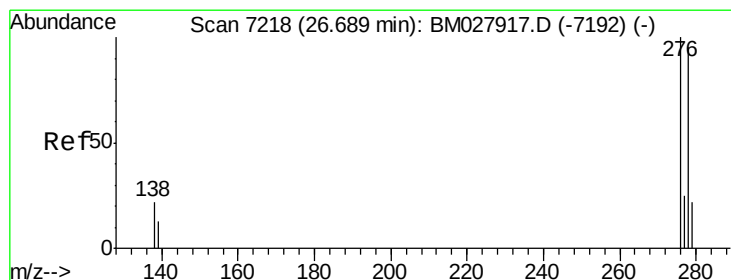
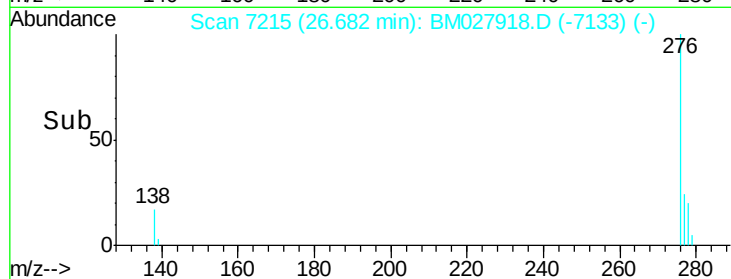
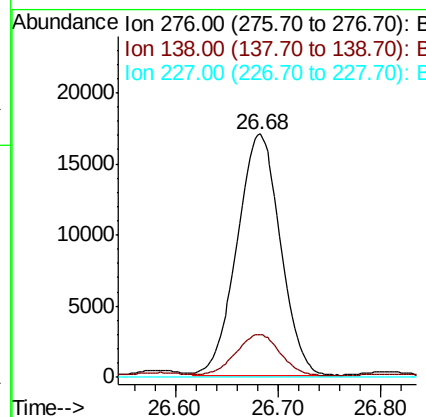
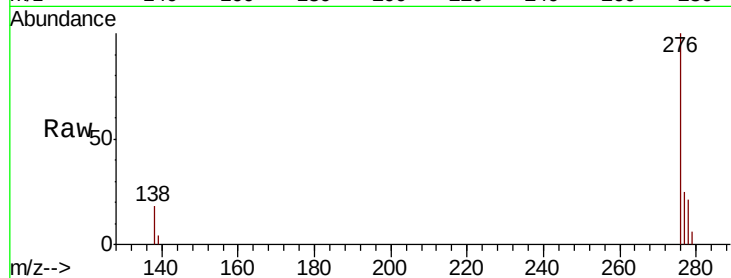
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.809 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Instrument :
BNA_M
ClientSampleId :
C0B36DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.7	23.5
227	0.0	0.0	0.0

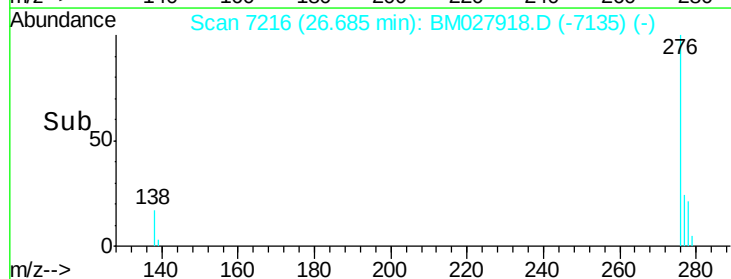
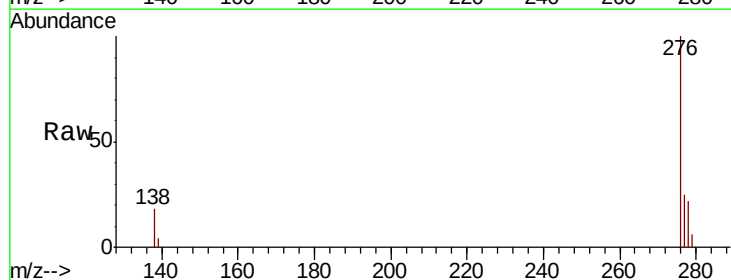
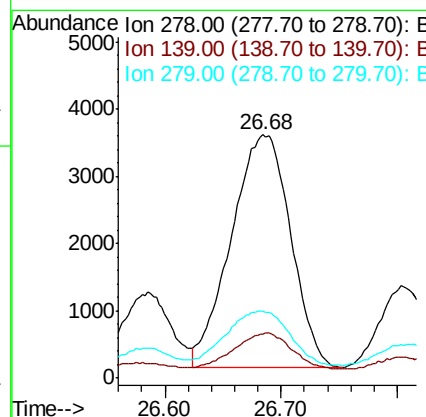
Manual Integrations
APPROVED

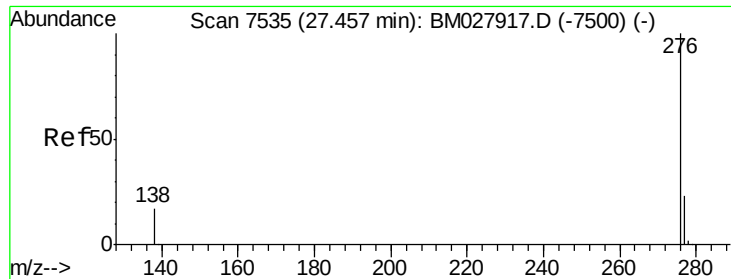
mohammad
11/25/2020 12:45:08 PM



#25
Dibenzo(a,h)anthracene
Concen: 1.427 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.8	22.2
279	27.5	25.8	38.6





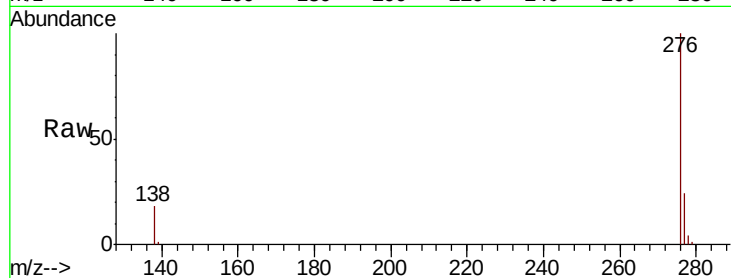
#26
Benzo(a,h,i)perylene
Concen: 5.461 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. 0.00 min
Lab File: BM027918.D
Acq: 23 Nov 2020 18:01

Instrument :
BNA_M
ClientSampleId :
C0B36DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.9	17.4	26.2
277	24.3	22.5	33.7

Manual Integrations
APPROVED

mohammad
11/25/2020 12:45:08 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

