

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027861.D
 Acq On : 20 Nov 2020 20:25
 Operator : JU/CG
 Sample : L4710-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AW7

Manual Integrations
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Quant Time: Nov 21 02:53:22 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 : Sat Nov 21 02:40:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1014	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4090	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2620	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5258	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3638	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2708	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1342	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2964	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	556	0.045	ng/ul#	74
5) 2-Methylnaphthalene	12.81	142	379	0.045	ng/ul	99
8) Acenaphthene	15.01	153	235	0.025	ng/ul	94
9) Fluorene	15.98	166	302	0.027	ng/ul#	93
12) Phenanthrene	17.70	178	3368	0.203	ng/ul	97
13) Anthracene	17.79	178	415m	0.026	ng/ul	
15) Fluoranthene	19.68	202	7648	0.415	ng/ul	97
17) Pyrene	20.04	202	7005	0.379	ng/ul	97
18) Benzo(a)anthracene	21.75	228	2734	0.186	ng/ul	93
19) Chrysene	21.80	228	3458	0.242	ng/ul	96
21) Benzo(b)fluoranthene	23.45	252	3782m	0.332	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	1225m	0.110	ng/ul	
23) Benzo(a)pyrene	24.08	252	2184	0.219	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	26.68	276	1511	0.140	ng/ul#	92
25) Dibenzo(a,h)anthracene	26.69	278	381	0.042	ng/ul#	1
26) Benzo(a,h,i)perylene	27.46	276	1507	0.167	ng/ul#	82

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

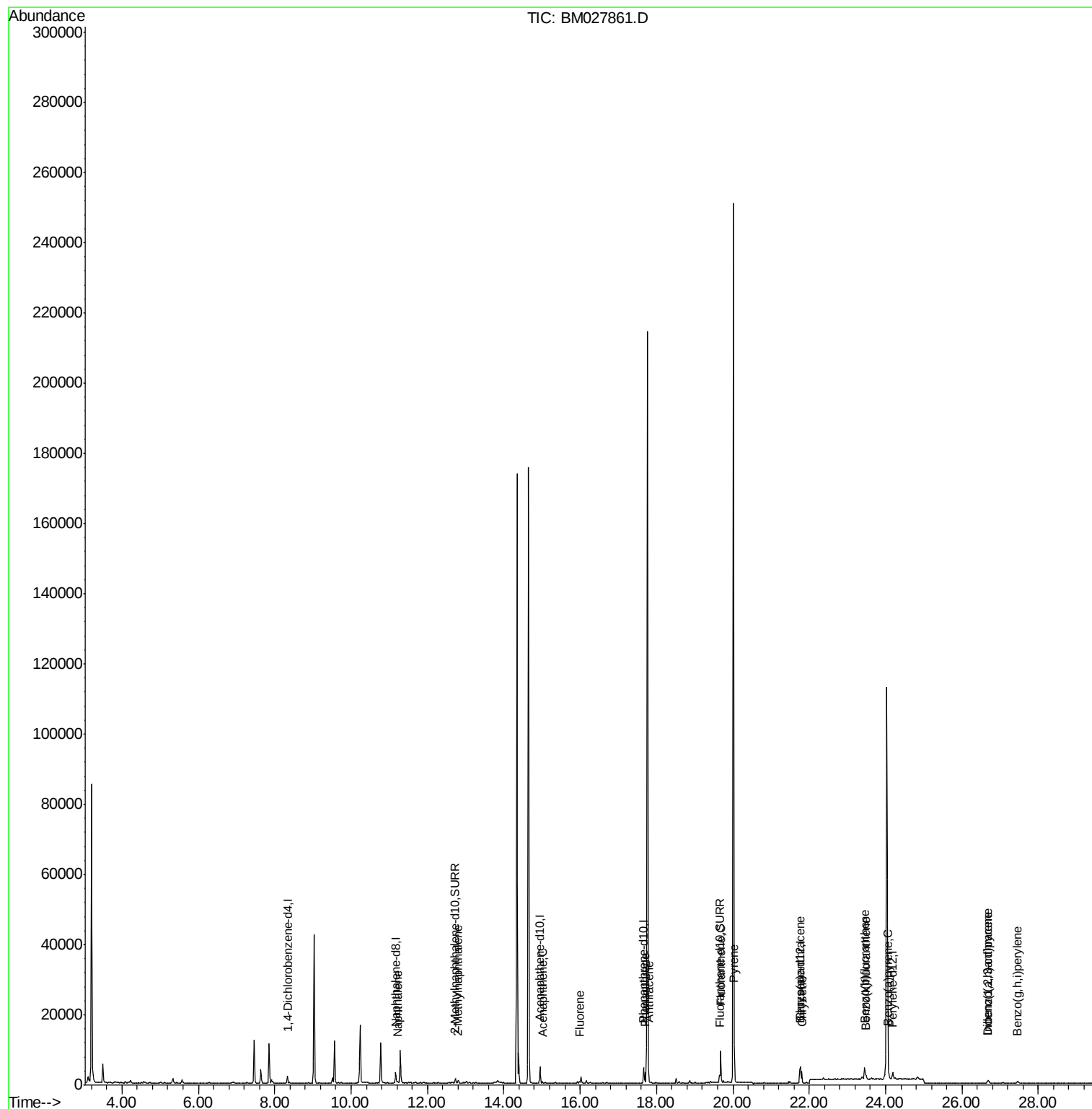
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027861.D
Acq On : 20 Nov 2020 20:25
Operator : JU/CG
Sample : L4710-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

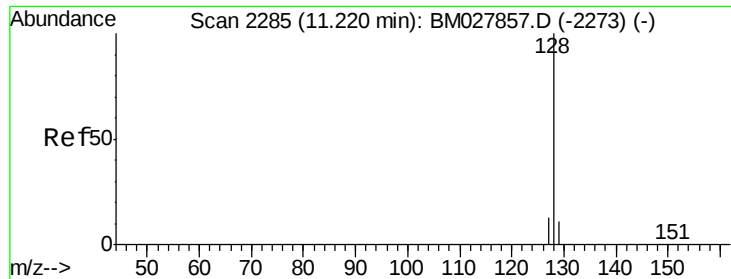
Instrument :
BNA_M
ClientSampleId :
C0AW7

Quant Time: Nov 21 02:53:22 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 : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration

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#3

Naphthalene

Concen: 0.045 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Instrument :

BNA_M

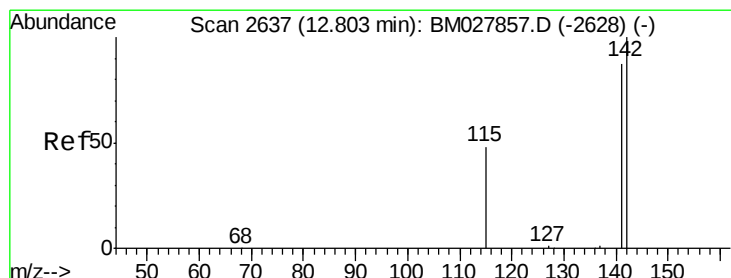
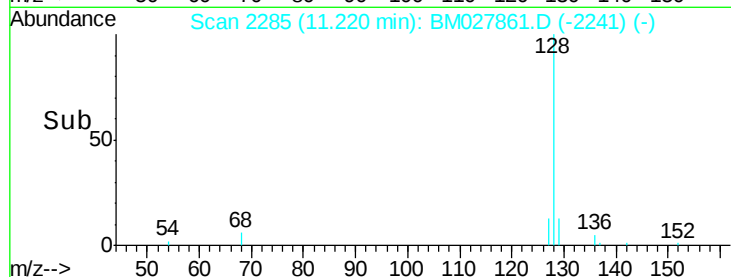
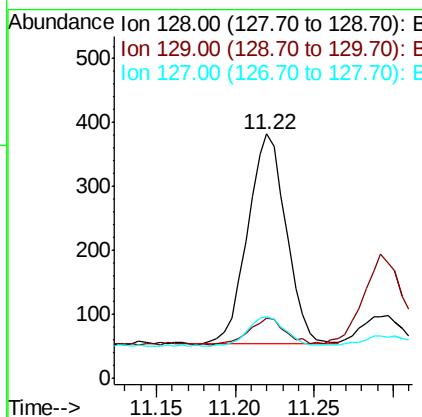
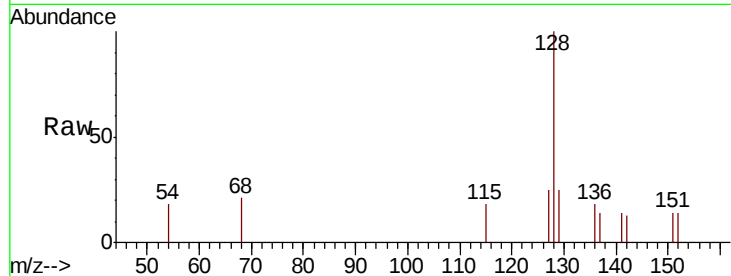
ClientSampled :

C0AW7

Tot Ion:	128	Resp:	556
Ion	Ratio	Lower	Upper
128	100		
129	24.6	10.4	15.6#
127	24.9	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.045 ng/ul

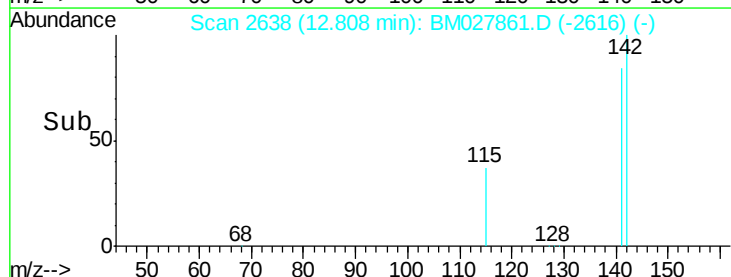
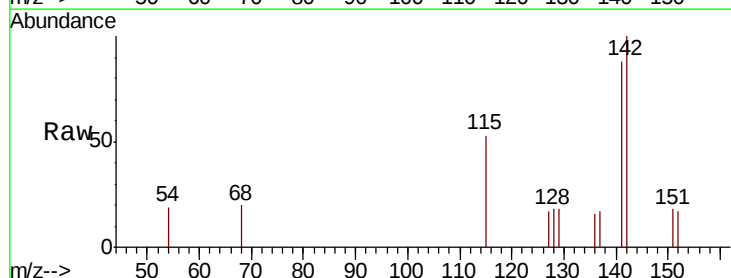
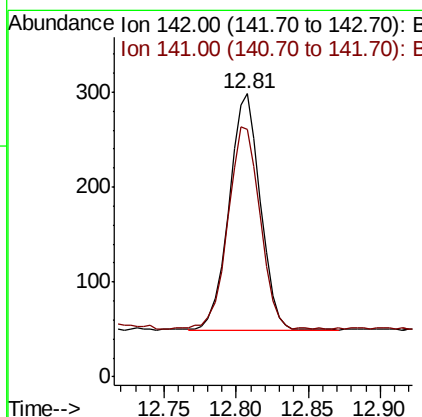
RT: 12.81 min Scan# 2638

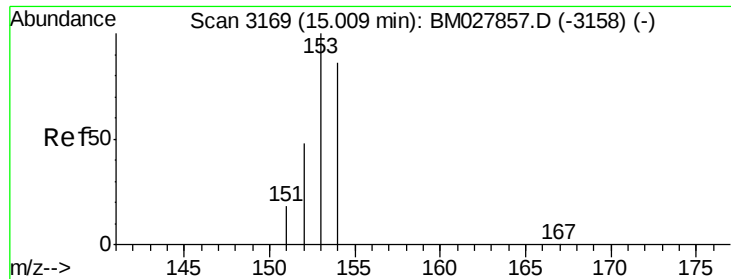
Delta R.T. 0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Tgt Ion:	142	Resp:	379
Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4





#8

Acenaphthene

Concen: 0.025 ng/ul

RT: 15.01 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Instrument :

BNA_M

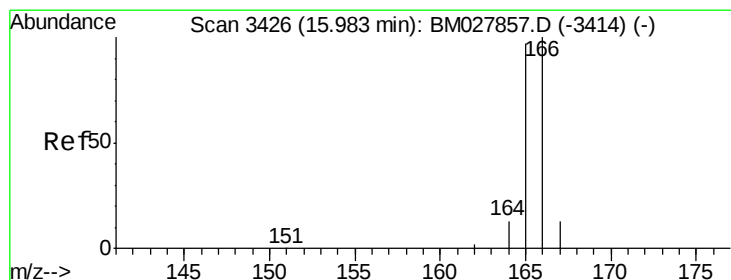
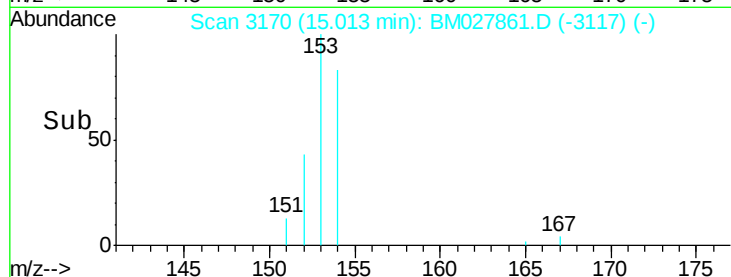
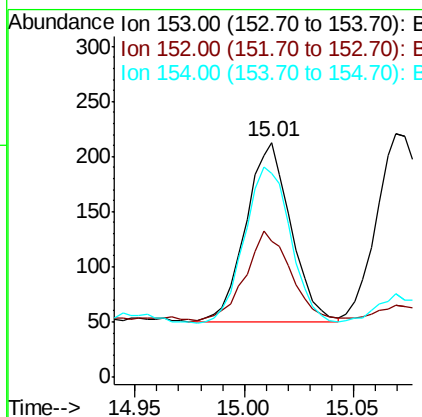
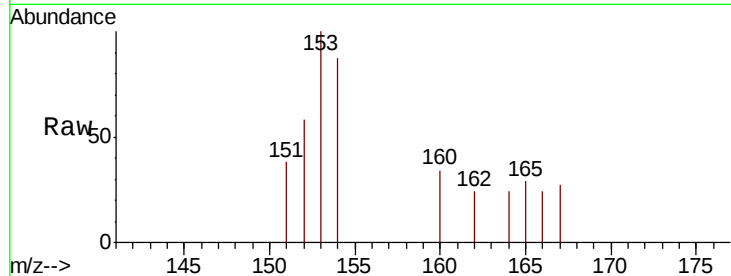
ClientSampleId :

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Tot Ion:	153	Resp:	235
Ion	Ratio	Lower	Upper
153	100		
152	57.7	39.0	58.6
154	86.9	71.6	107.4

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#9

Fluorene

Concen: 0.027 ng/ul

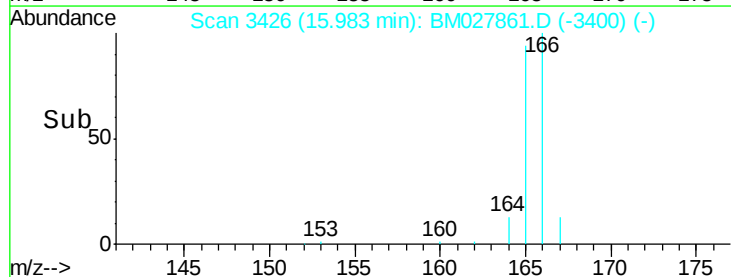
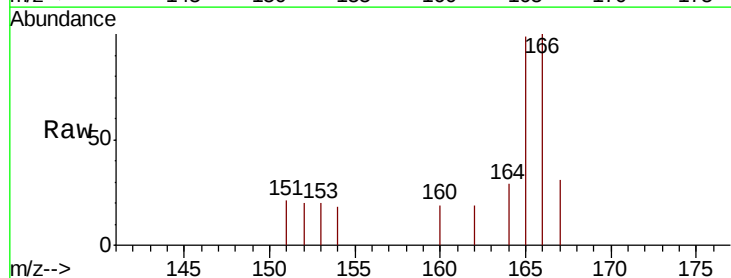
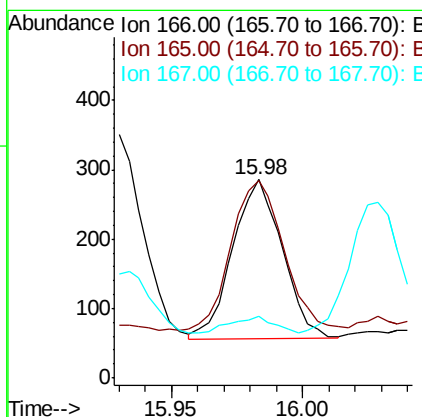
RT: 15.98 min Scan# 3426

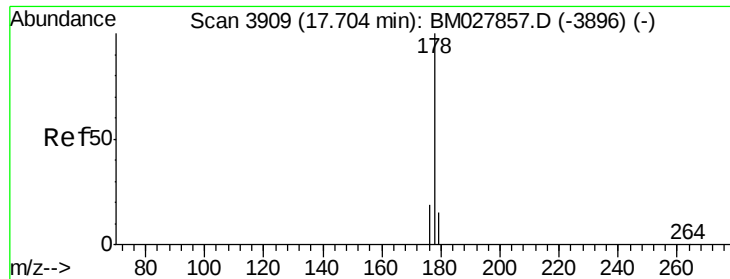
Delta R.T. 0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Tgt Ion:	166	Resp:	302
Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.1	117.1
167	30.8	11.8	17.8#





#12

Phenanthrene

Concen: 0.203 ng/ul

RT: 17.70 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Instrument :

BNA_M

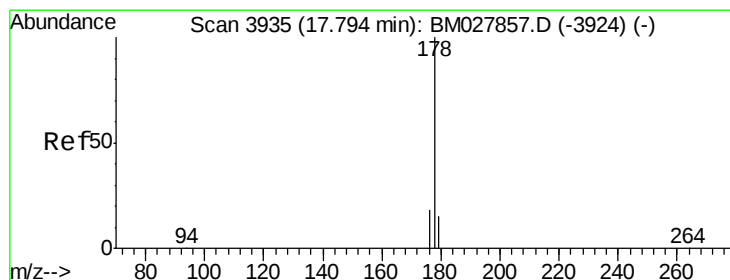
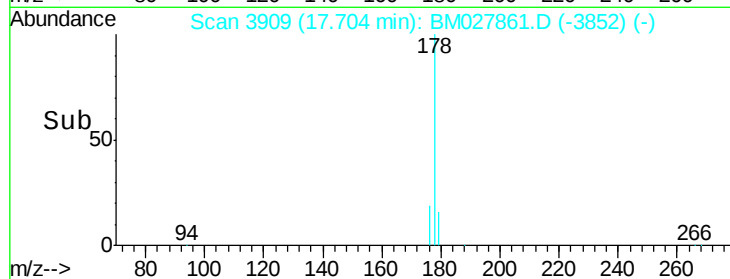
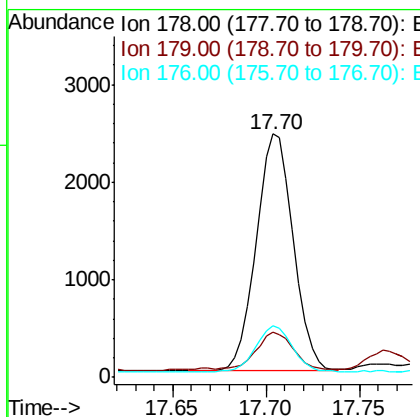
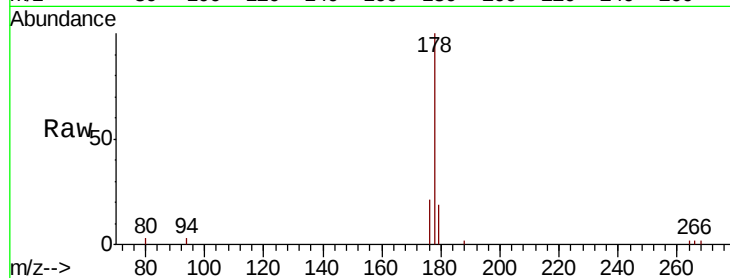
ClientSampleId :

C0AW7

Tot Ion:	178	Resp:	3368
Ion	Ratio	Lower	Upper
178	100		
179	18.5	13.6	20.4
176	21.0	16.1	24.1

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#13

Anthracene

Concen: 0.026 ng/ul m

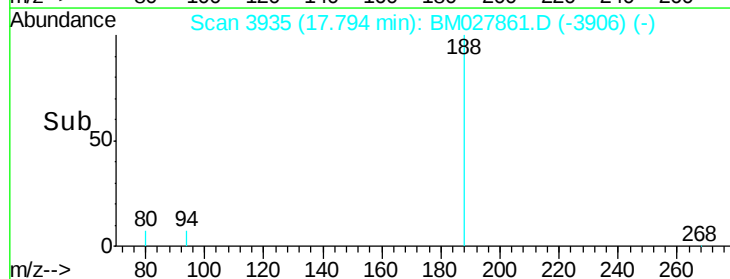
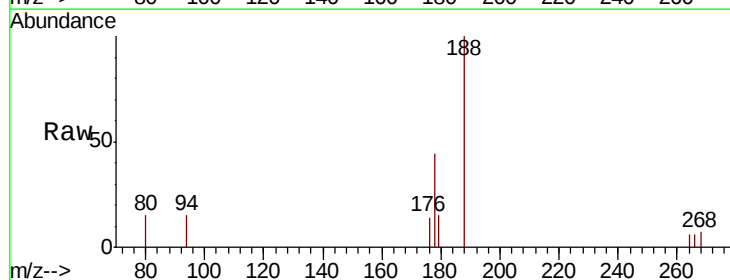
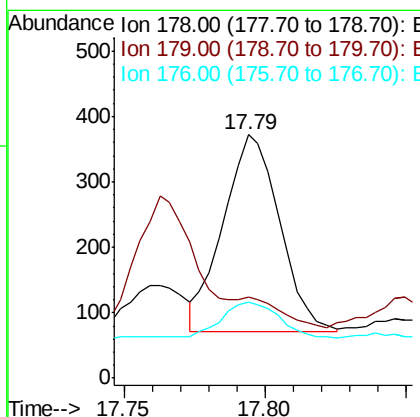
RT: 17.79 min Scan# 3935

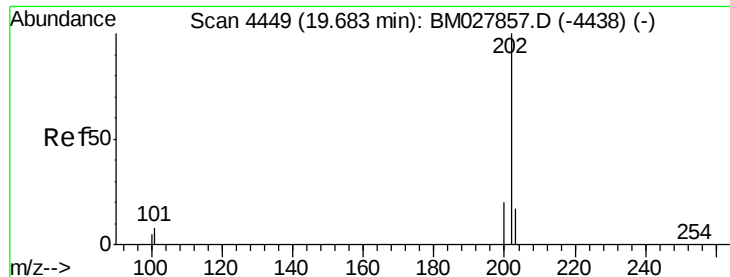
Delta R.T. 0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Tgt Ion:	178	Resp:	415
Ion	Ratio	Lower	Upper
178	100		
179	33.3	13.4	20.2#
176	31.2	15.0	22.6#





#15

Fluoranthene

Concen: 0.415 ng/ul

RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Instrument :

BNA_M

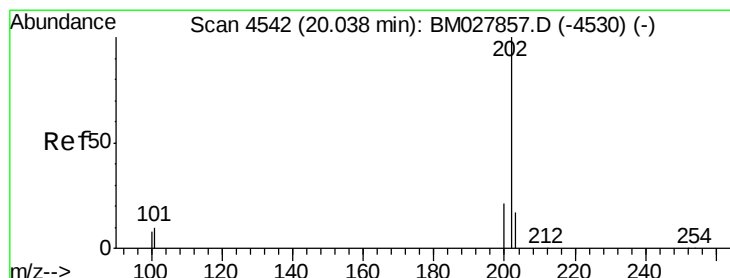
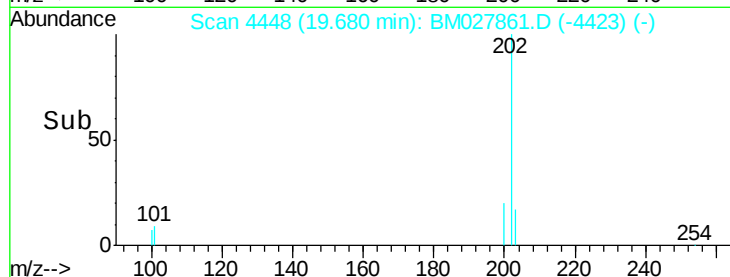
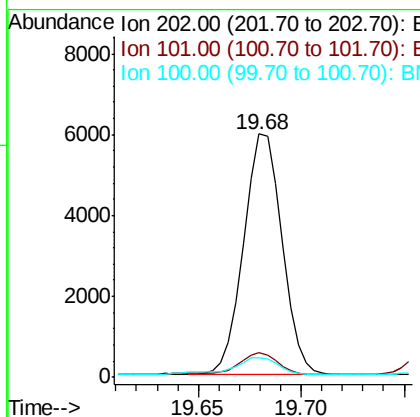
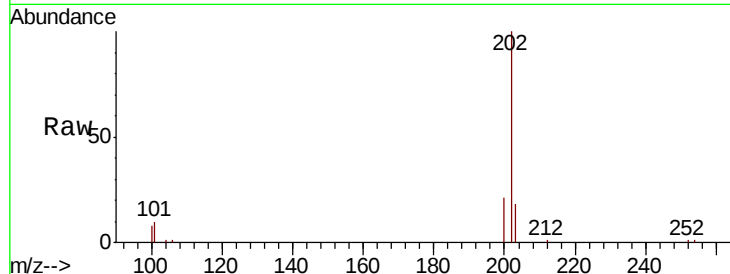
ClientSampleId :

C0AW7

Tot Ion:202	Resp:	7648
Ion Ratio	Lower	Upper
202 100		
101 10.3	0.0	29.3
100 8.2	0.0	27.4

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#17

Pyrene

Concen: 0.379 ng/ul

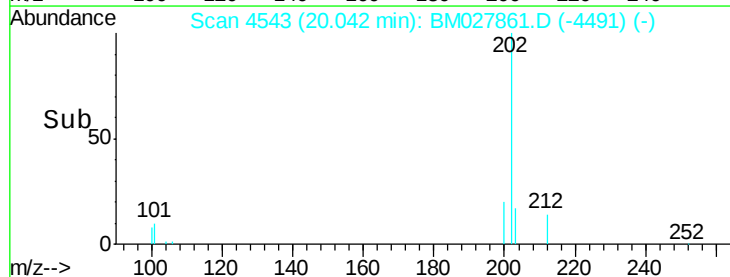
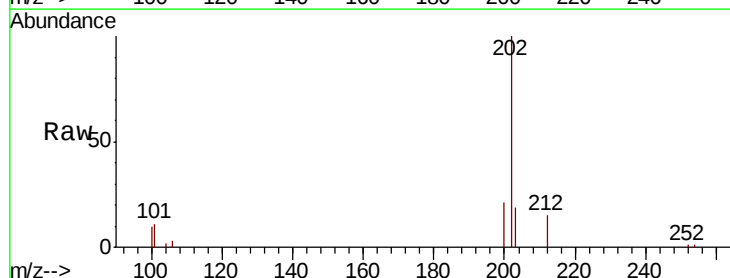
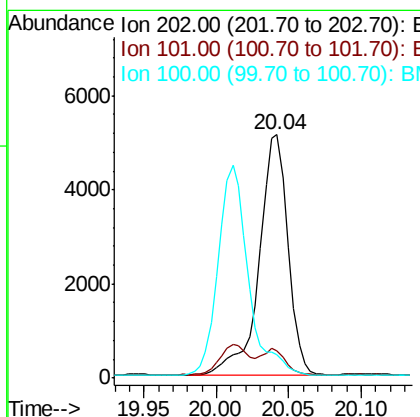
RT: 20.04 min Scan# 4543

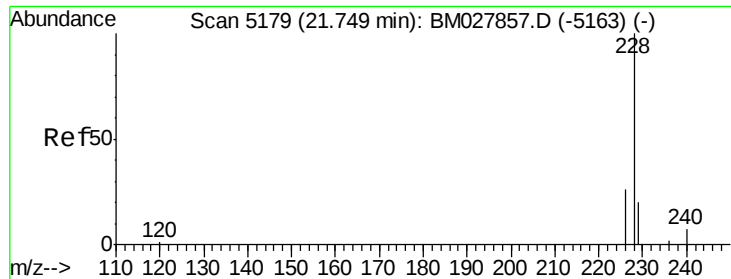
Delta R.T. 0.00 min

Lab File: BM027861.D

Acq: 20 Nov 2020 20:25

Tgt Ion:202	Resp:	7005
Ion Ratio	Lower	Upper
202 100		
101 11.1	8.2	12.2
100 9.5	6.9	10.3





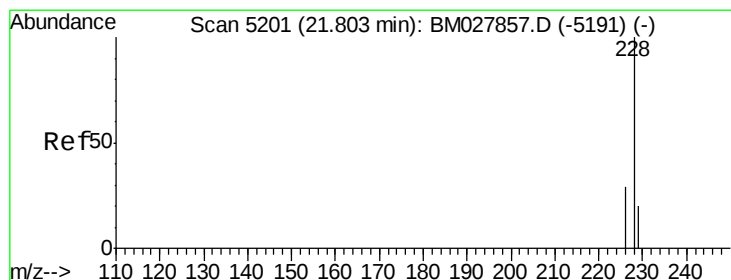
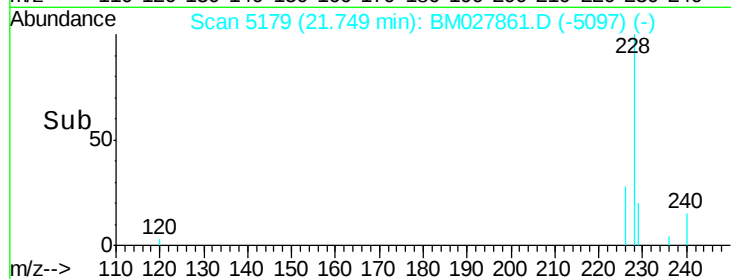
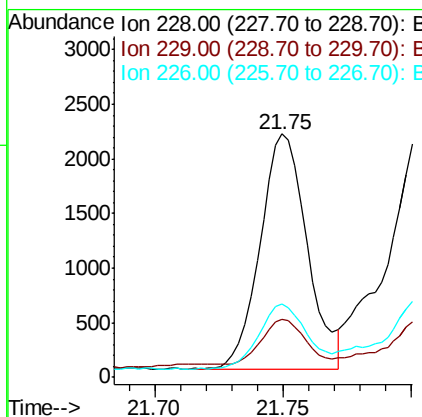
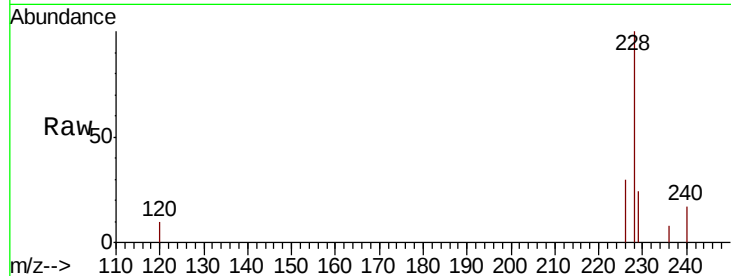
#18
Benzo(a)anthracene
Concen: 0.186 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Instrument :
BNA_M
ClientSampleId :
C0AW7

Tot Ion	Ratio	Lower	Upper
228	100		
229	23.7	16.2	24.4
226	30.2	21.5	32.3

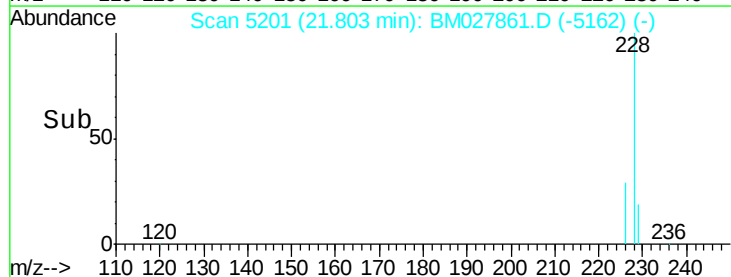
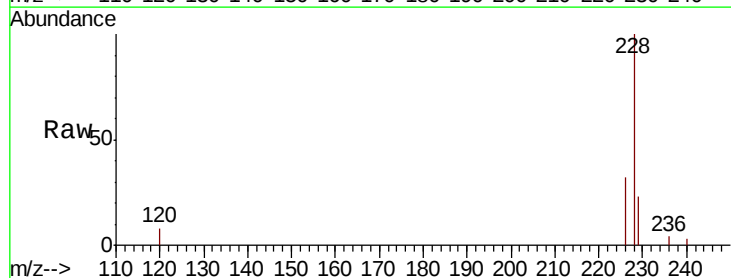
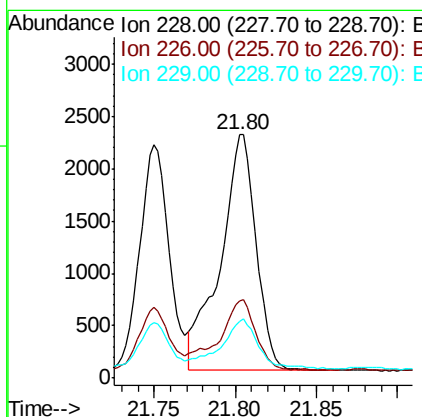
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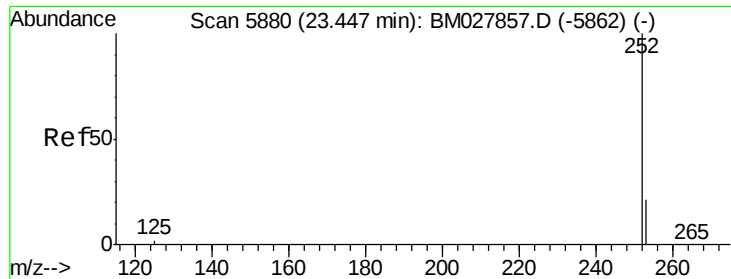
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#19
Chrysene
Concen: 0.242 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.1	36.1
229	23.5	16.6	24.8





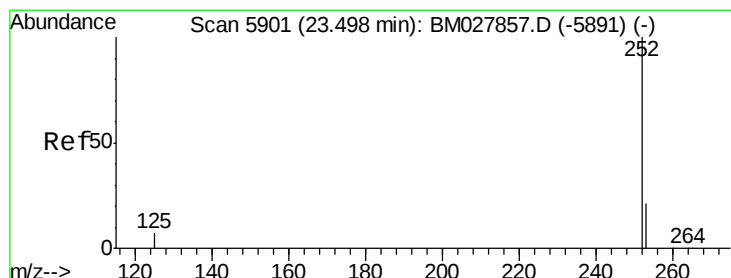
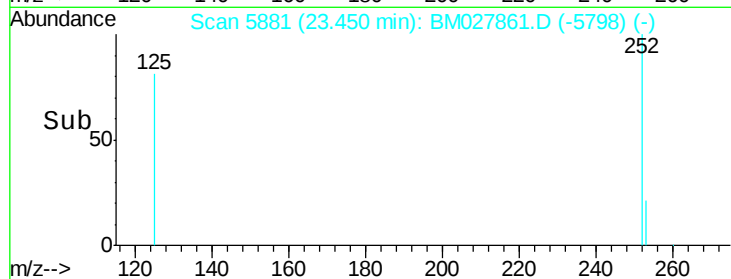
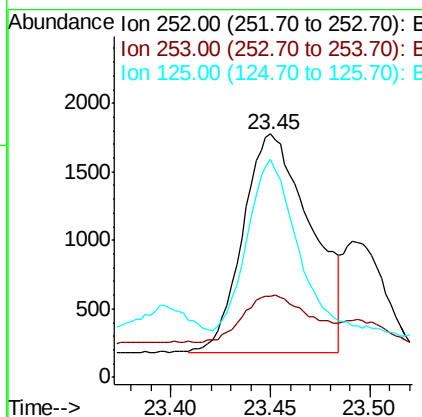
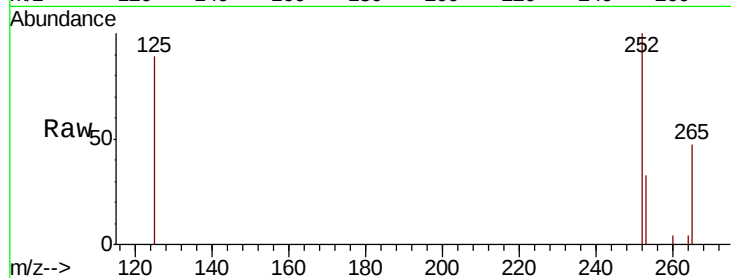
#21
Benzo(b)fluoranthene
Concen: 0.332 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. 0.00 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Instrument :
BNA_M
ClientSampleId :
C0AW7

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.1	0.0	59.6
125	89.4	0.0	28.4#

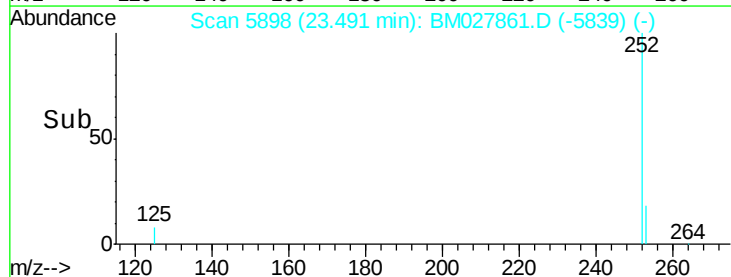
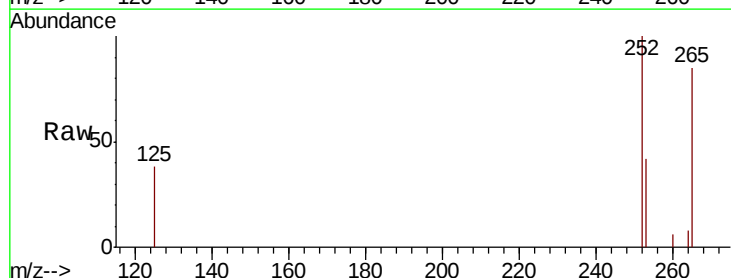
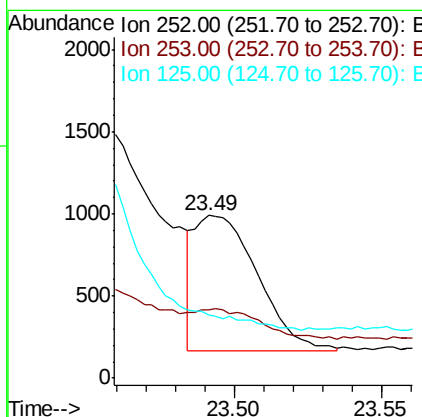
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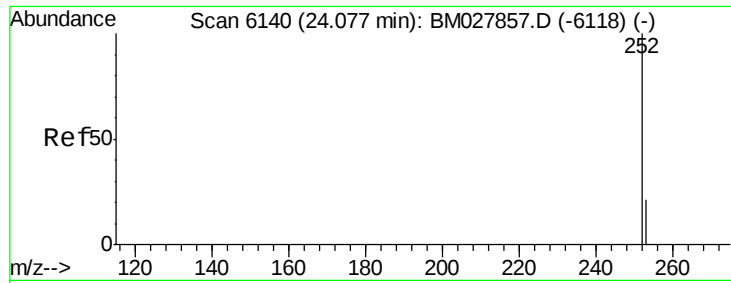
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#22
Benzo(k)fluoranthene
Concen: 0.110 ng/ul m
RT: 23.49 min Scan# 5898
Delta R.T. -0.01 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.2	23.2	34.8#
125	38.4	11.8	17.6#





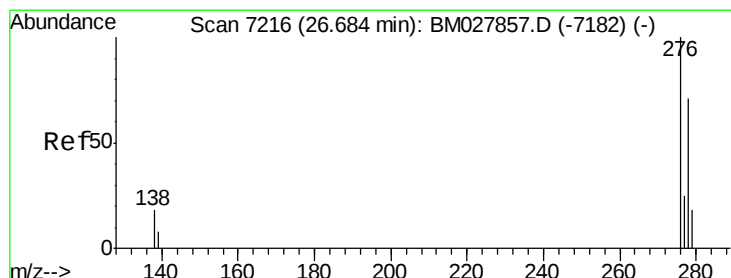
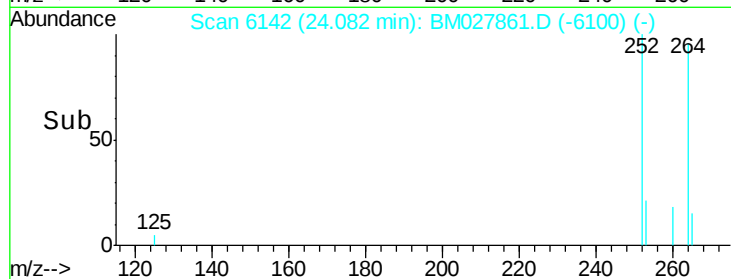
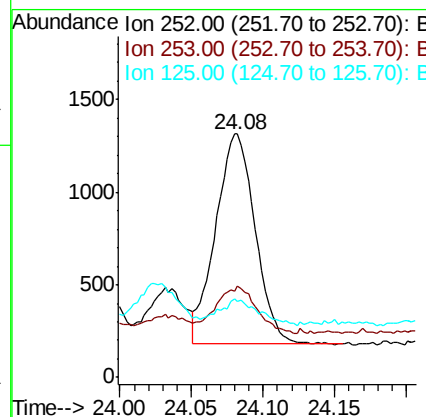
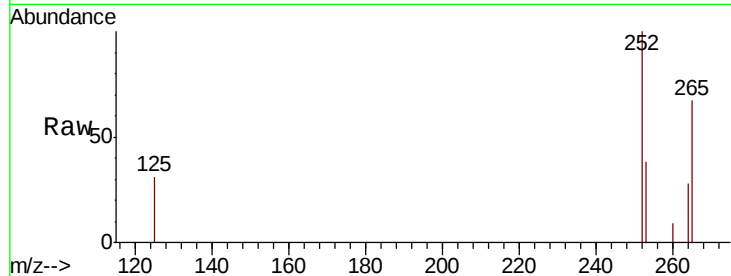
#23
Benzo(a)pyrene
Concen: 0.219 ng/ul
RT: 24.08 min Scan# 6142
Delta R.T. 0.00 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Instrument :
BNA_M
ClientSampleId :
C0AW7

Tot Ion	Ratio	Lower	Upper
252	100		
253	37.6	25.2	37.8
125	31.3	13.8	20.6

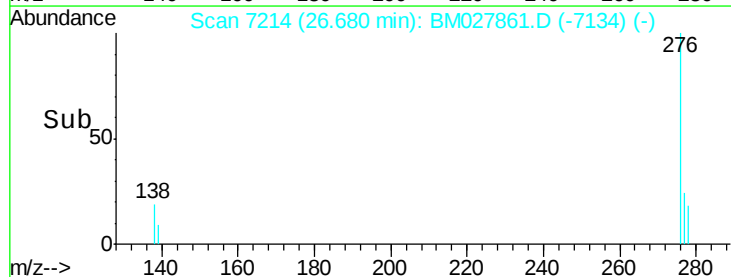
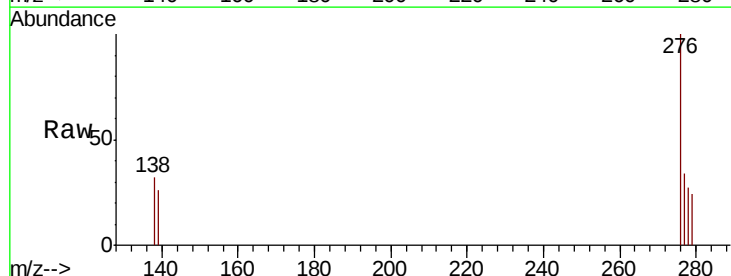
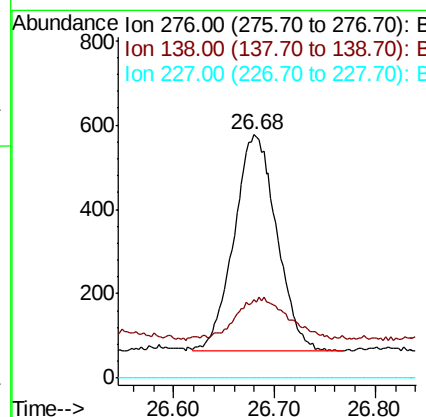
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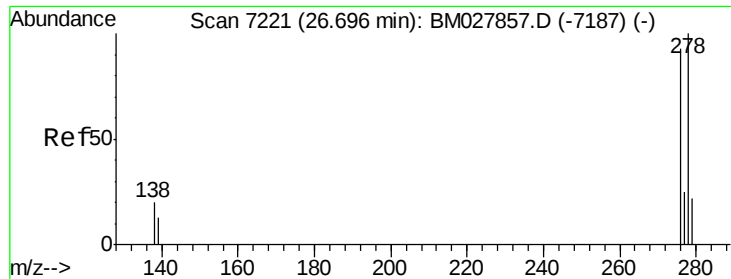
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#24
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	15.7	23.5
227	0.0	0.0	0.0





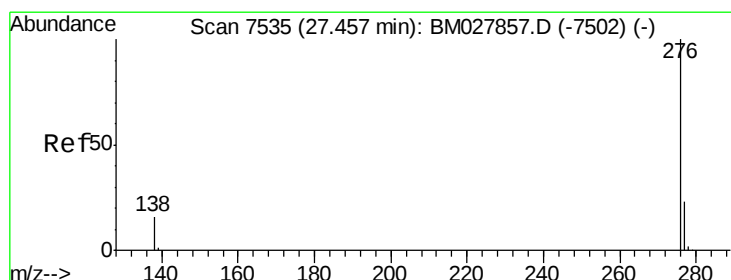
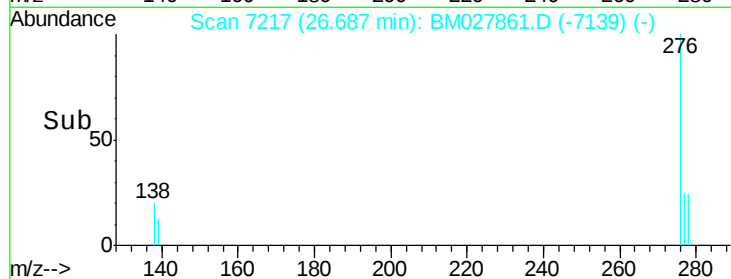
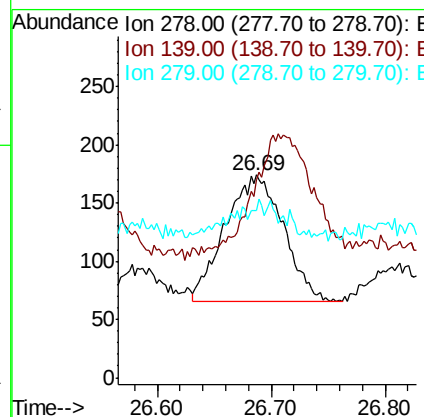
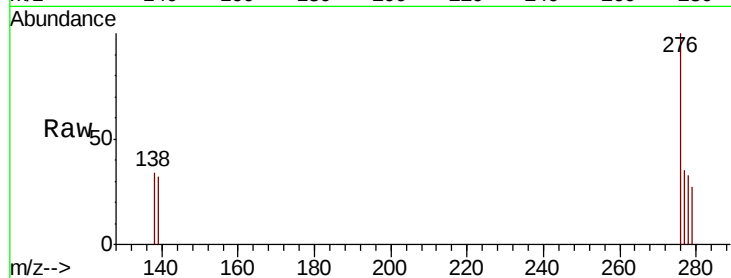
#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.01 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Instrument :
BNA_M
ClientSampleId :
C0AW7

Tot Ion	Ratio	Lower	Upper
278	100		
139	97.7	14.8	22.2#
279	82.8	25.8	38.6#

Manual Integrations
APPROVED

mohammad
11/24/2020 8:57:35 AM



#26
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 27.46 min Scan# 7535
Delta R.T. -0.00 min
Lab File: BM027861.D
Acq: 20 Nov 2020 20:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.3	17.4	26.2#
277	35.8	22.5	33.7#

