

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027865.D
 Acq On : 20 Nov 2020 22:50
 Operator : JU/CG
 Sample : L4710-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF0

Manual Integrations
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mohammad
 11/24/2020 8:57:48 AM

Quant Time: Nov 21 03:10:20 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	950	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3900	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2449	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	4800m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2911	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2261	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1277	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2739	0.21	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	328	0.028	ng/ul#	61
5) 2-Methylnaphthalene	12.80	142	190	0.024	ng/ul	96
7) Acenaphthylene	14.68	152	277	0.023	ng/ul#	56
12) Phenanthrene	17.70	178	4796	0.316	ng/ul	99
13) Anthracene	17.79	178	883	0.060	ng/ul#	82
15) Fluoranthene	19.68	202	15778	0.938	ng/ul	98
17) Pyrene	20.04	202	14217	0.962	ng/ul	98
18) Benzo(a)anthracene	21.75	228	6229	0.530	ng/ul	97
19) Chrysene	21.80	228	8038	0.703	ng/ul	98
21) Benzo(b)fluoranthene	23.45	252	9512m	1.001	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	3269m	0.351	ng/ul	
23) Benzo(a)pyrene	24.08	252	5654	0.681	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.68	276	4018	0.447	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.68	278	1048	0.140	ng/ul#	42
26) Benzo(g,h,i)perylene	27.45	276	3833	0.508	ng/ul	97

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

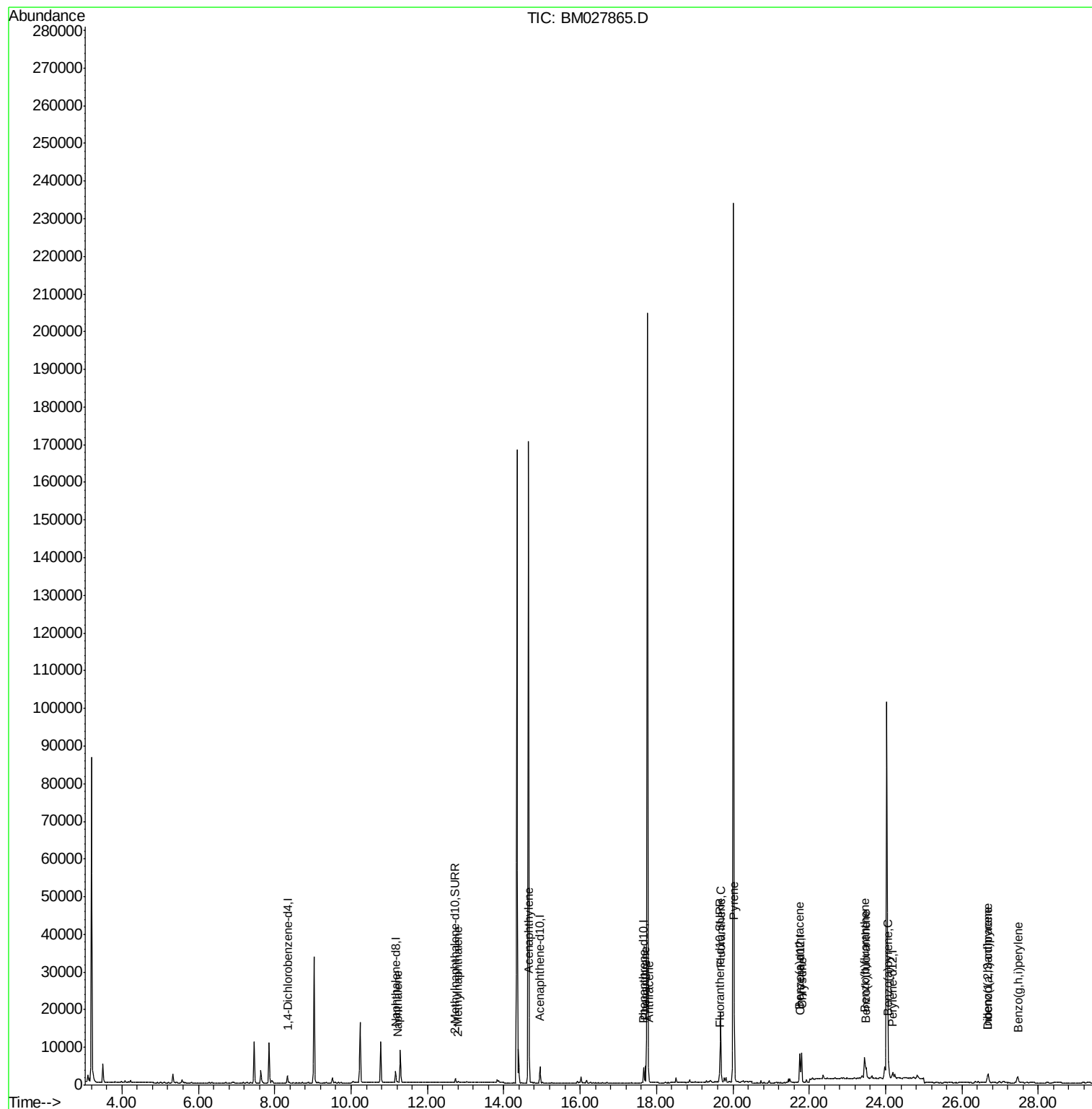
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027865.D
Acq On : 20 Nov 2020 22:50
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Sample : L4710-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

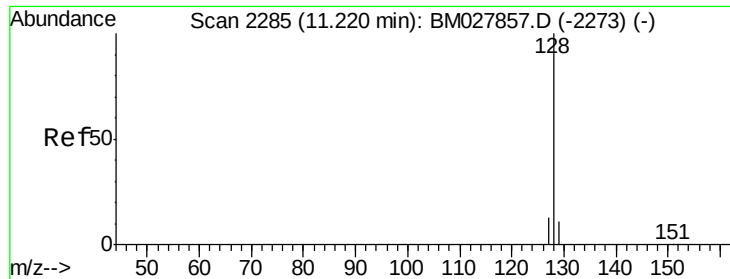
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Quant Time: Nov 21 03:10:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 02:40:49 2020
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.028 ng/ul

RT: 11.22 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Instrument :

BNA_M

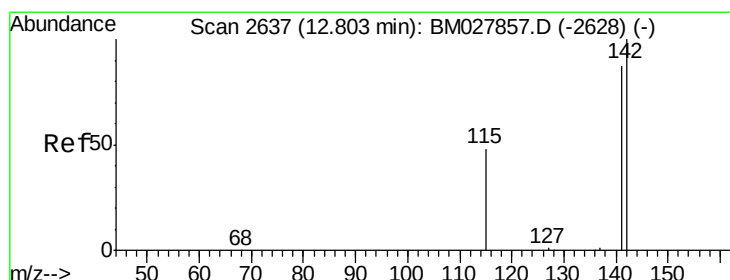
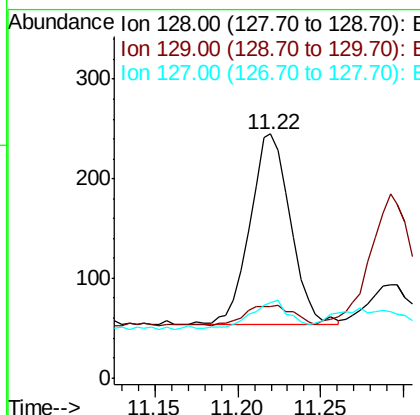
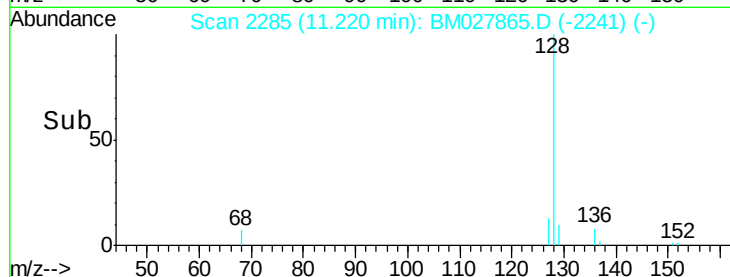
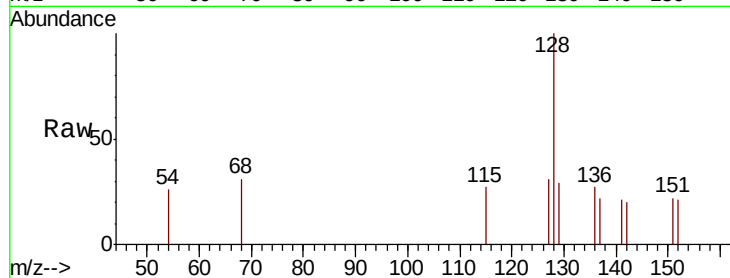
ClientSampleId :

C0BF0

Tot Ion:	128	Resp:	328
Ion Ratio	Lower	Upper	
128	100		
129	29.4	10.4	15.6#
127	30.6	12.0	18.0#

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#5

2-Methylnaphthalene

Concen: 0.024 ng/ul

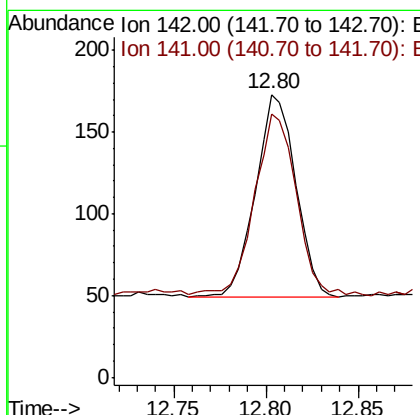
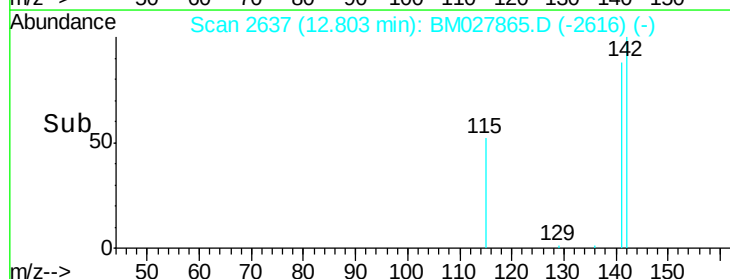
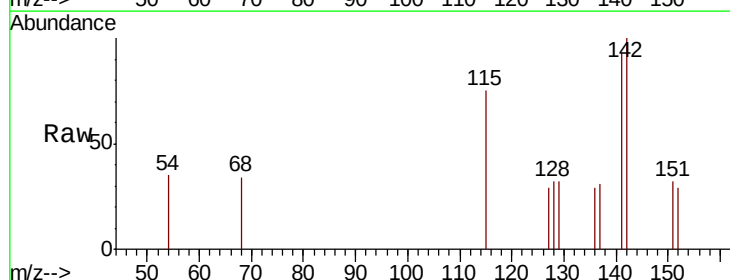
RT: 12.80 min Scan# 2637

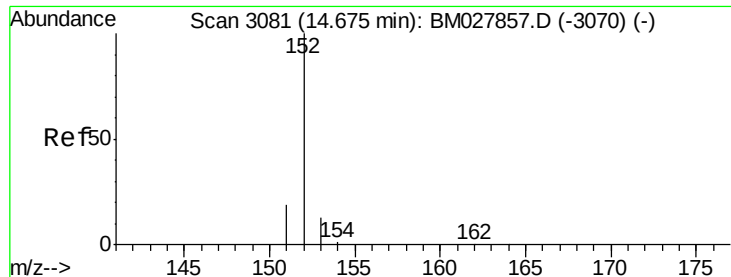
Delta R.T. -0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Tgt Ion:	142	Resp:	190
Ion Ratio	Lower	Upper	
142	100		
141	93.7	71.6	107.4





#7

Acenaphthylene

Concen: 0.023 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Instrument :

BNA_M

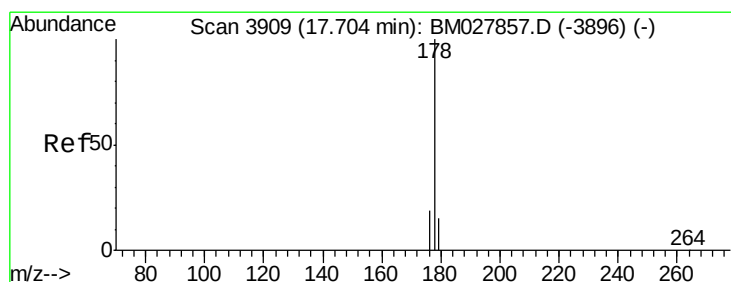
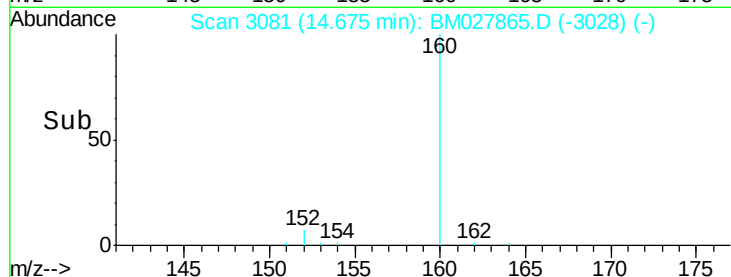
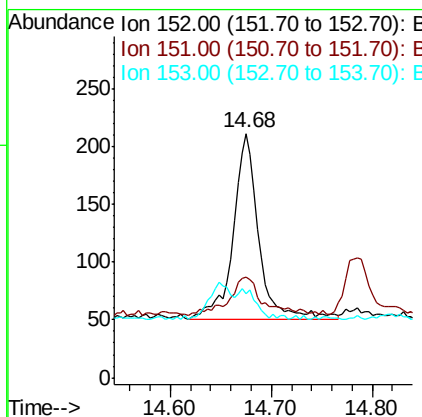
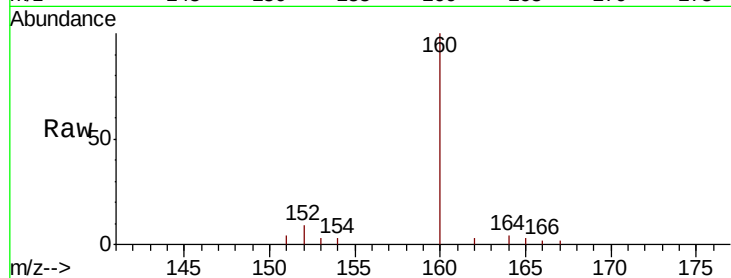
ClientSampleId :

C0BF0

Tot Ion:	152	Resp:	277
Ion Ratio	Lower	Upper	
152	100		
151	41.2	17.1	25.7#
153	34.6	12.0	18.0#

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#12

Phenanthrene

Concen: 0.316 ng/ul

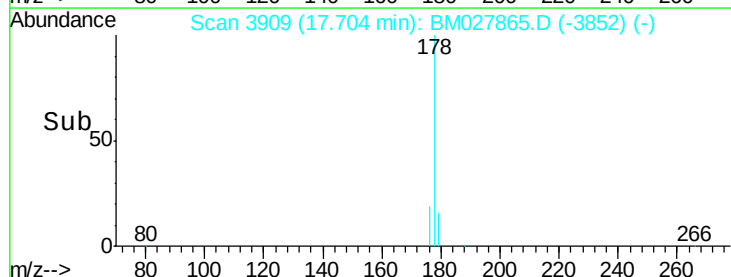
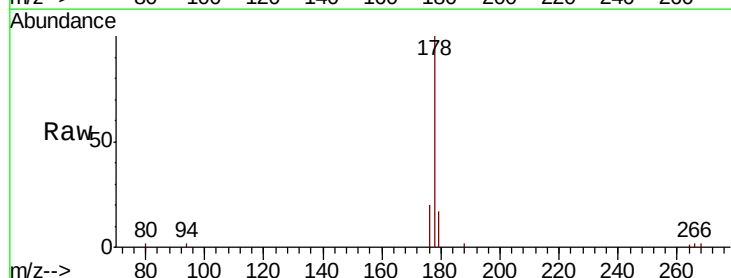
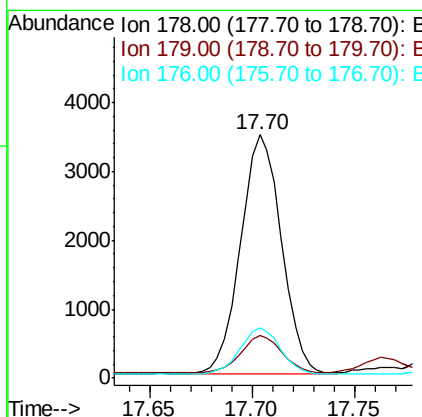
RT: 17.70 min Scan# 3909

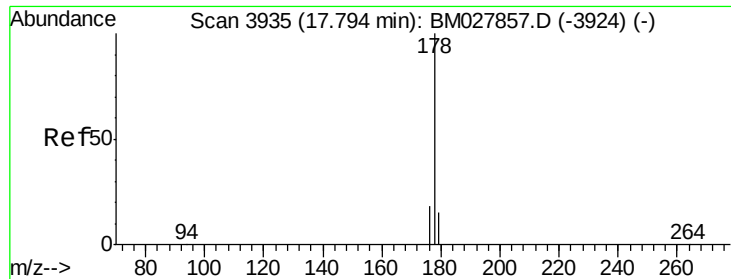
Delta R.T. -0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Tgt Ion:	178	Resp:	4796
Ion Ratio	Lower	Upper	
178	100		
179	17.4	13.6	20.4
176	20.4	16.1	24.1





#13

Anthracene

Concen: 0.060 ng/ul

RT: 17.79 min Scan# 3935

Delta R.T. 0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Instrument :

BNA_M

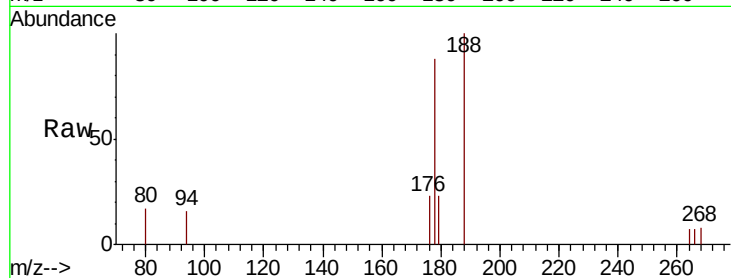
ClientSampleId :

C0BF0

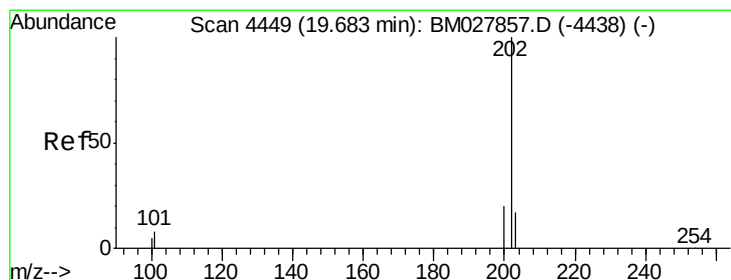
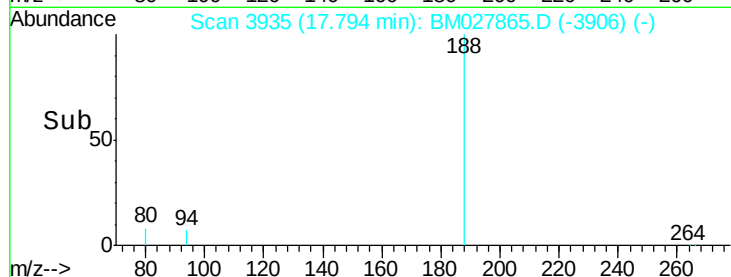
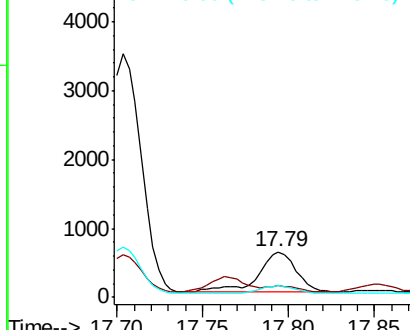
Tot Ion:	178	Resp:	883
Ion Ratio	Lower	Upper	
178	100		
179	25.7	13.4	20.2#
176	25.9	15.0	22.6#

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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



#15

Fluoranthene

Concen: 0.938 ng/ul

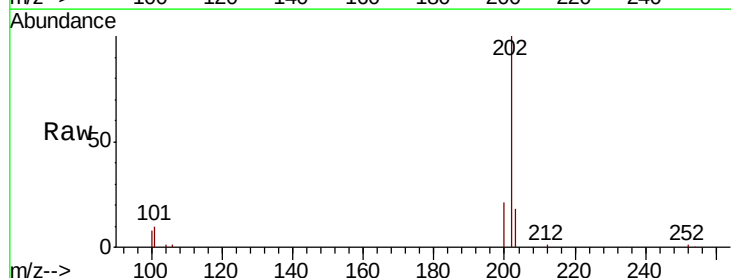
RT: 19.68 min Scan# 4448

Delta R.T. -0.00 min

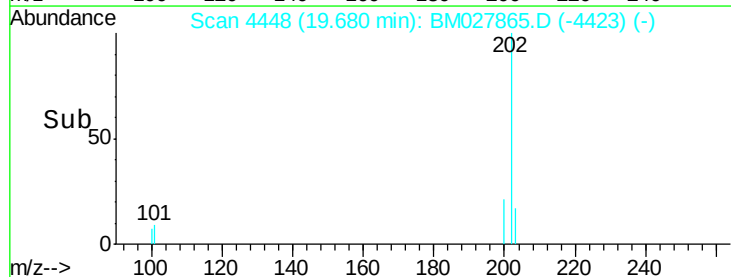
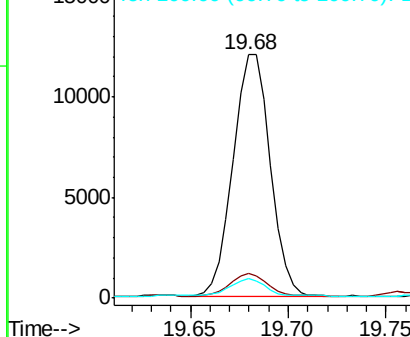
Lab File: BM027865.D

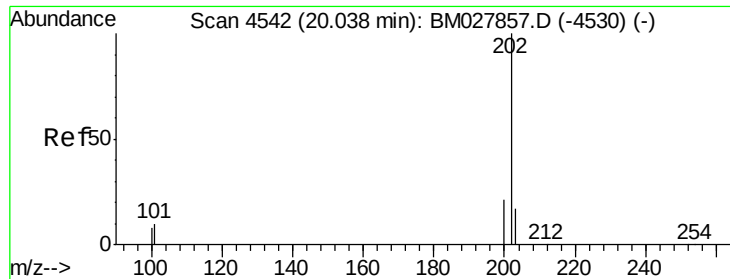
Acq: 20 Nov 2020 22:50

Tgt Ion:	202	Resp:	15778
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	29.3
100	8.0	0.0	27.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#17

Pvrene

Concen: 0.962 ng/ul

RT: 20.04 min Scan# 4542

Delta R.T. -0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Instrument :

BNA_M

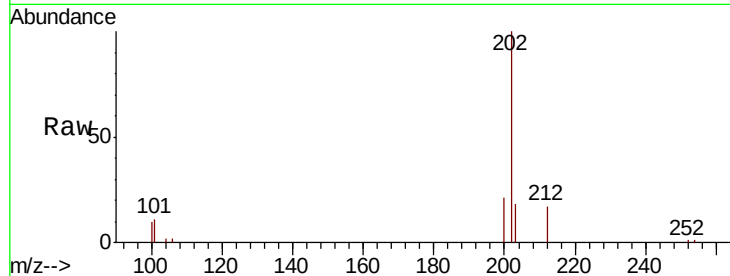
ClientSampled :

C0BF0

Tot Ion:	202	Resp:	14217
Ion Ratio	Lower	Upper	
202	100		
101	11.0	8.2	12.2
100	9.7	6.9	10.3

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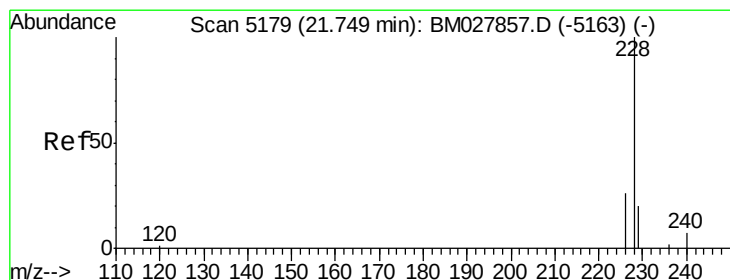
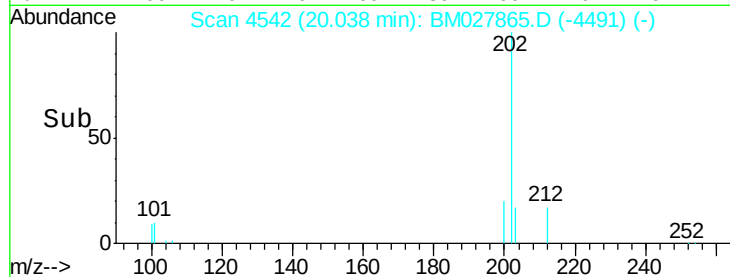
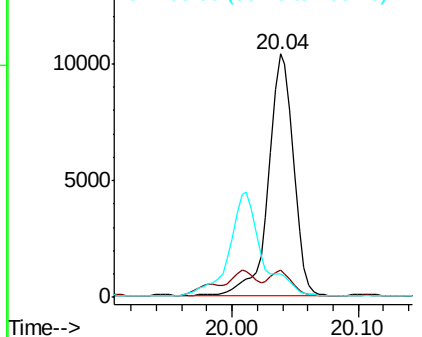
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.530 ng/ul

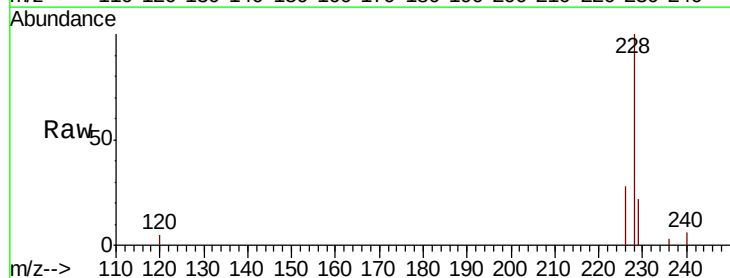
RT: 21.75 min Scan# 5178

Delta R.T. -0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

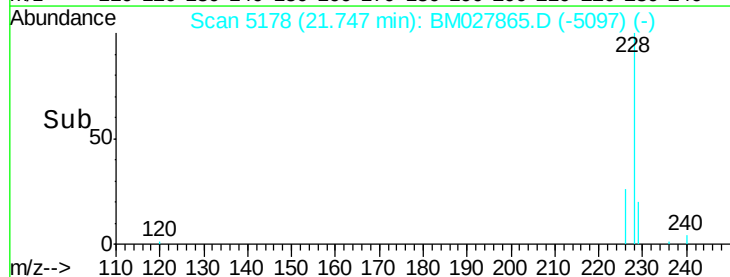
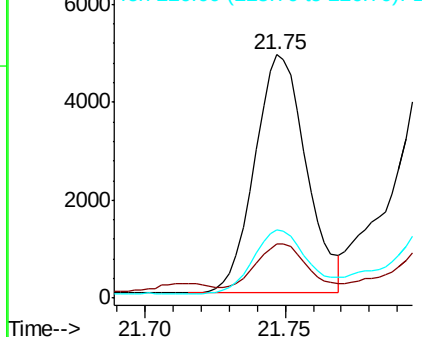
Tgt Ion:	228	Resp:	6229
Ion Ratio	Lower	Upper	
228	100		
229	22.3	16.2	24.4
226	28.0	21.5	32.3

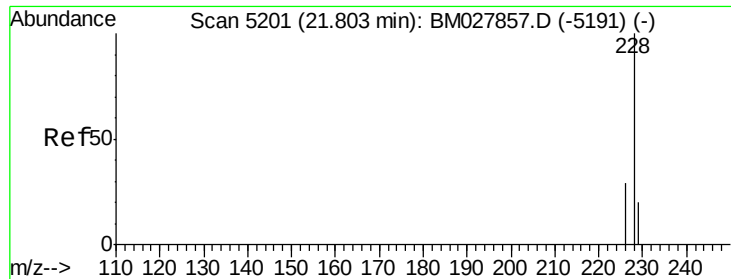


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.703 ng/ul

RT: 21.80 min Scan# 5201

Delta R.T. -0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Instrument :

BNA_M

ClientSampleId :

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Tot Ion:228 Resp: 8038

Ion Ratio Lower Upper

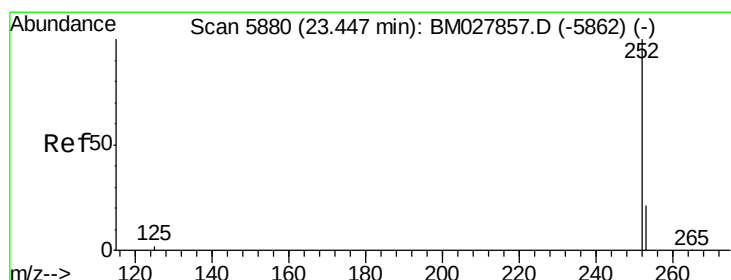
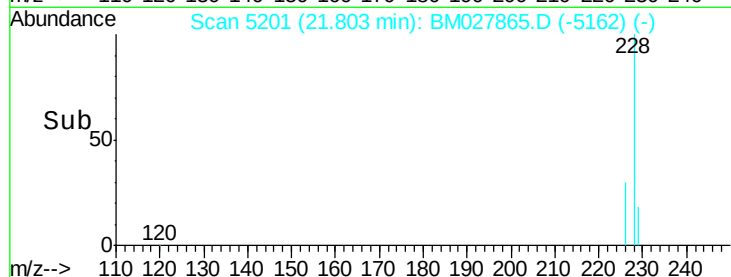
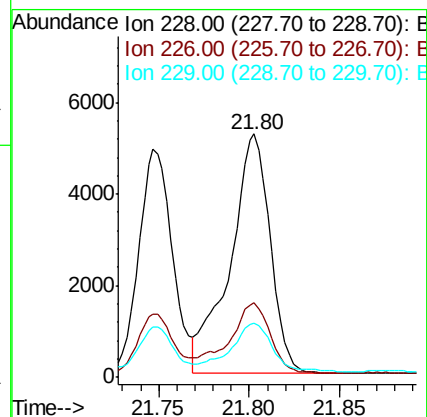
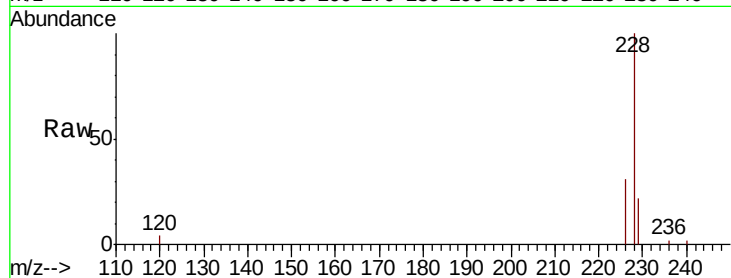
228 100

226 30.7 24.1 36.1

229 22.4 16.6 24.8

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#21

Benzo(b)fluoranthene

Concen: 1.001 ng/ul m

RT: 23.45 min Scan# 5881

Delta R.T. 0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

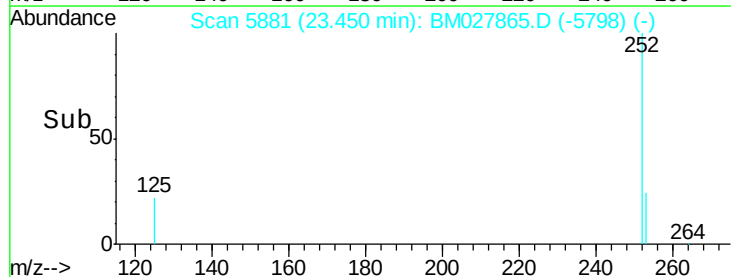
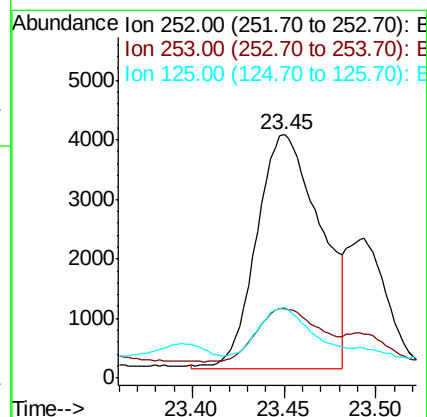
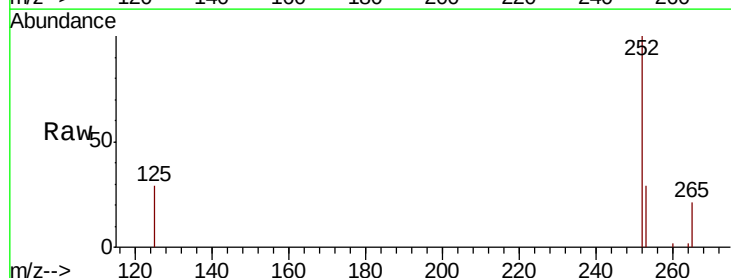
Tgt Ion:252 Resp: 9512

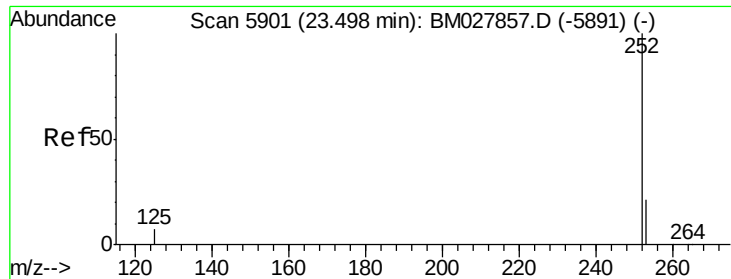
Ion Ratio Lower Upper

252 100

253 28.8 0.0 59.6

125 28.9 0.0 28.4#





#22

Benzo(k)fluoranthene

Concen: 0.351 ng/ul m

RT: 23.49 min Scan# 5899

Delta R.T. -0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Instrument :

BNA_M

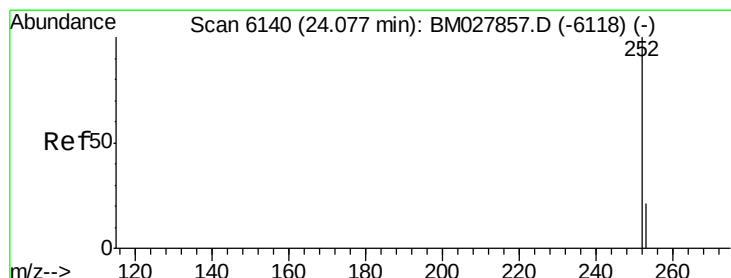
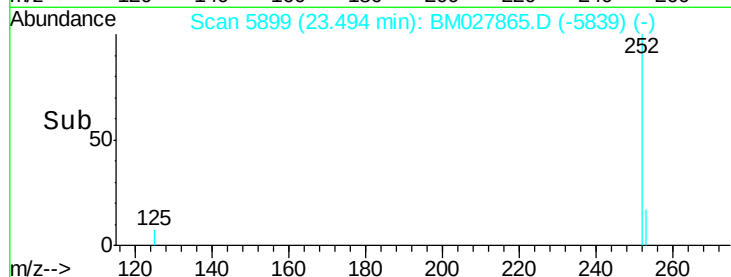
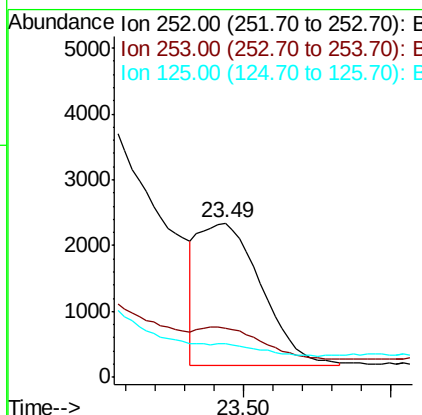
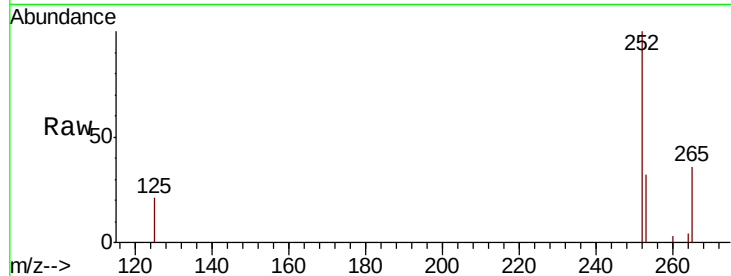
ClientSampleId :

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Tot Ion:	252	Resp:	3269
Ion Ratio	Lower	Upper	
252	100		
253	31.8	23.2	34.8
125	21.5	11.8	17.6

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#23

Benzo(a)pyrene

Concen: 0.681 ng/ul

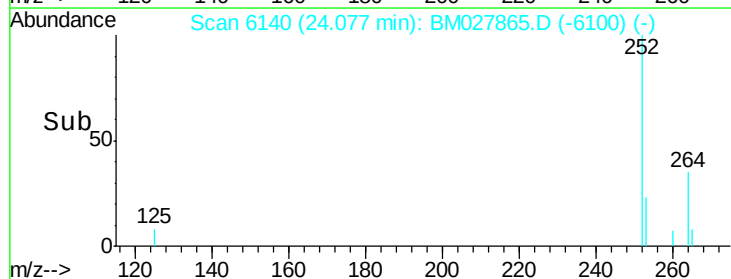
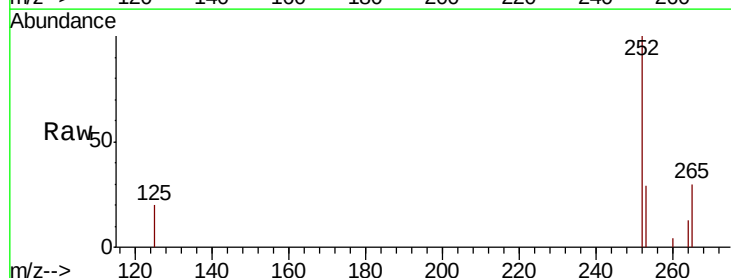
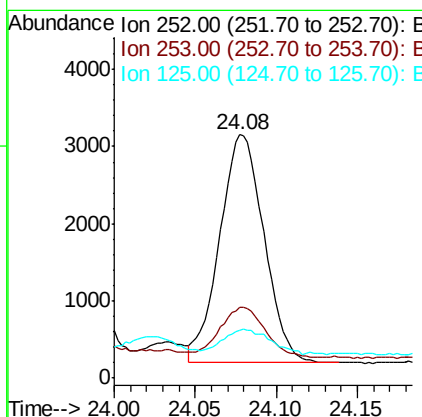
RT: 24.08 min Scan# 6140

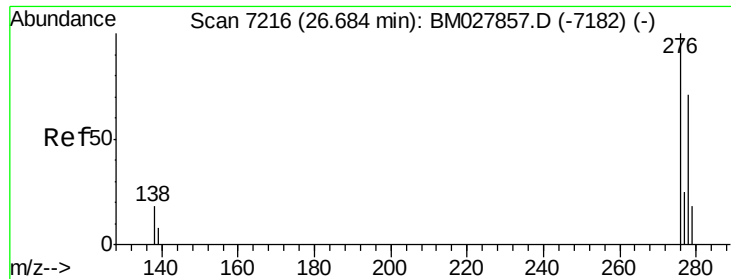
Delta R.T. -0.00 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Tgt Ion:	252	Resp:	5654
Ion Ratio	Lower	Upper	
252	100		
253	29.3	25.2	37.8
125	19.6	13.8	20.6





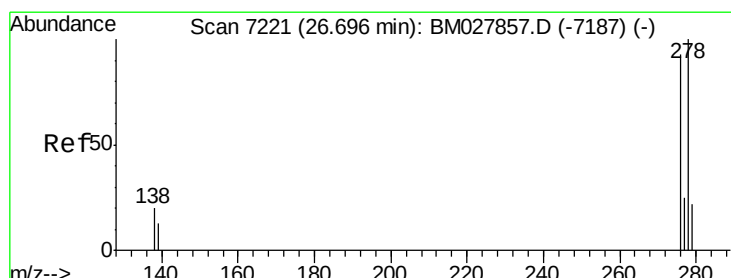
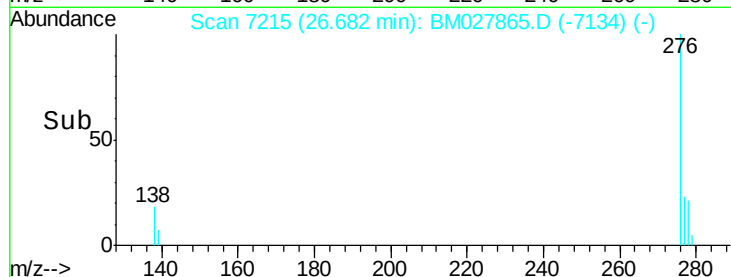
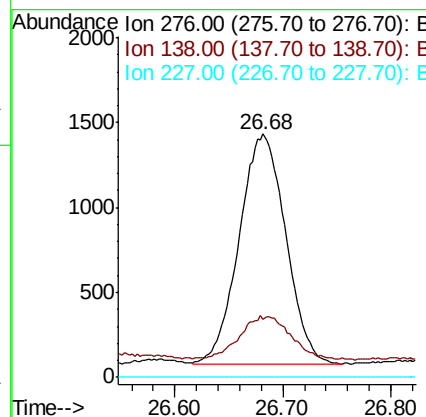
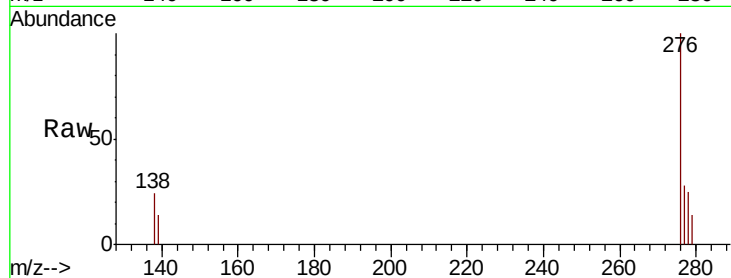
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.447 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.00 min
Lab File: BM027865.D
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Instrument :
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ClientSampleId :
C0BF0

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.7	23.5
227	0.0	0.0	0.0

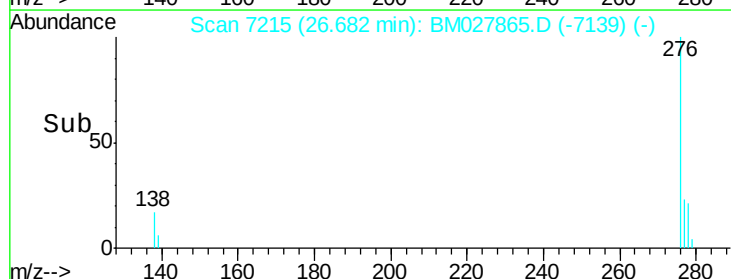
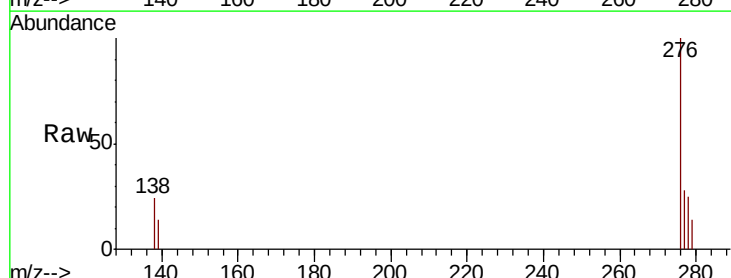
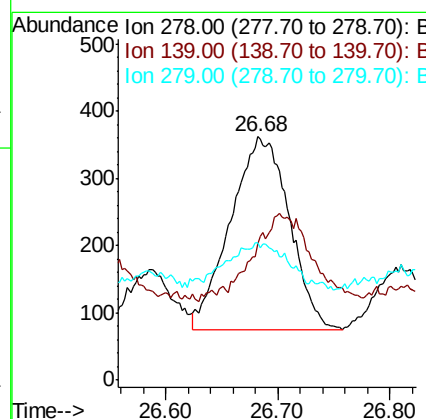
Manual Integrations
APPROVED

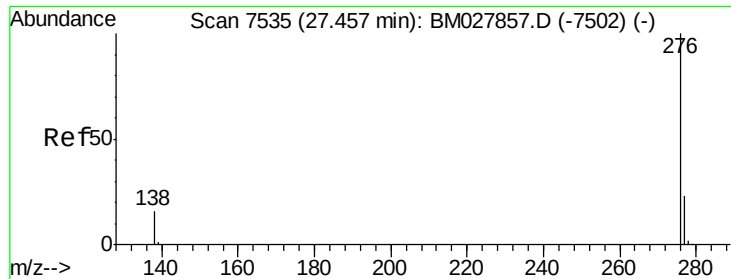
mohammad
11/24/2020 8:57:48 AM



#25
Dibenzo(a,h)anthracene
Concen: 0.140 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.02 min
Lab File: BM027865.D
Acq: 20 Nov 2020 22:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	55.8	14.8	22.2#
279	56.6	25.8	38.6#





#26

Benzo(a,h,i)perylene

Concen: 0.508 ng/ul

RT: 27.45 min Scan# 7533

Delta R.T. -0.01 min

Lab File: BM027865.D

Acq: 20 Nov 2020 22:50

Instrument :

BNA_M

ClientSampleId :

C0BF0

Tot Ion:	276	Resp:	3833
Ion Ratio	Lower	Upper	
276	100		
138	24.1	17.4	26.2
277	28.6	22.5	33.7

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