

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
 Data File : BM027893.D
 Acq On : 21 Nov 2020 22:21
 Operator : JU/CG
 Sample : L4711-05
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BF2

Manual Integrations
 APPROVED

mohammad
 11/24/2020 8:59:19 AM

Quant Time: Nov 23 04:55:54 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 04:04:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1284	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	5123	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	3044	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.67	188	5001m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	2876	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	3298	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	2246	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	3006	0.22	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.22	128	3069	0.200	ng/ul	98
5) 2-Methylnaphthalene	12.80	142	1443	0.138	ng/ul	99
7) Acenaphthylene	14.68	152	4640	0.312	ng/ul	98
8) Acenaphthene	15.01	153	16341	1.468	ng/ul	98
9) Fluorene	15.98	166	21810	1.689	ng/ul	100
11) Pentachlorophenol	17.31	266	56m	0.033	ng/ul	
12) Phenanthrene	17.71	178	603033	38.172	ng/ul	97
13) Anthracene	17.79	178	136108	8.932	ng/ul	98
15) Fluoranthene	19.69	202	1408209	80.394	ng/ul	98
17) Pyrene	20.05	202	1115475	76.370	ng/ul	98
18) Benzo(a)anthracene	21.75	228	515180	44.397	ng/ul	100
19) Chrysene	21.81	228	558741	49.435	ng/ul	99
21) Benzo(b)fluoranthene	23.46	252	654196m	47.199	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	232199m	17.107	ng/ul	
23) Benzo(a)pyrene	24.09	252	439535	36.270	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.70	276	308436	23.508	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.70	278	78626m	7.197	ng/ul	
26) Benzo(g,h,i)perylene	27.48	276	297861	27.058	ng/ul	92

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

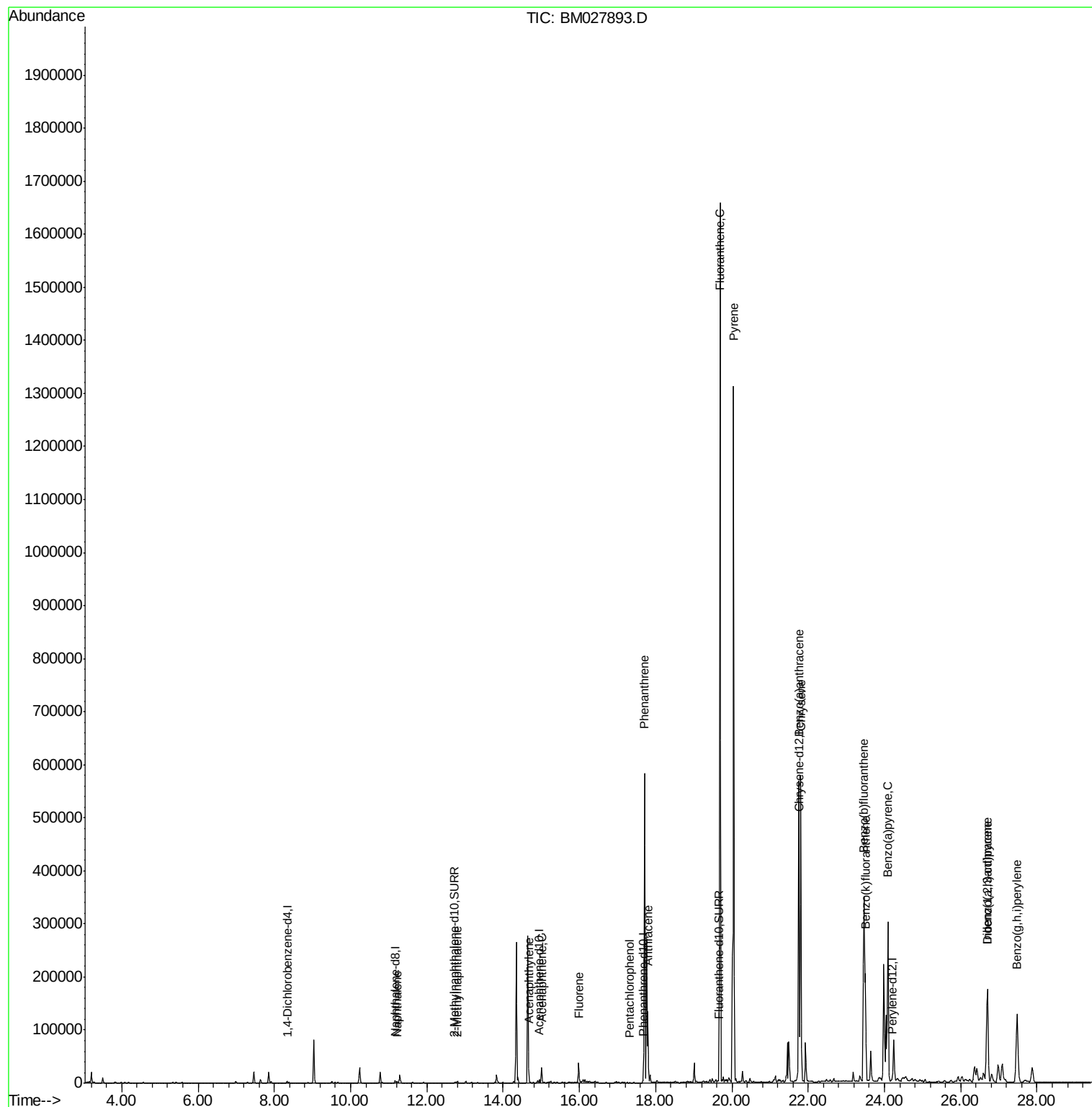
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
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ALS Vial : 47 Sample Multiplier: 1

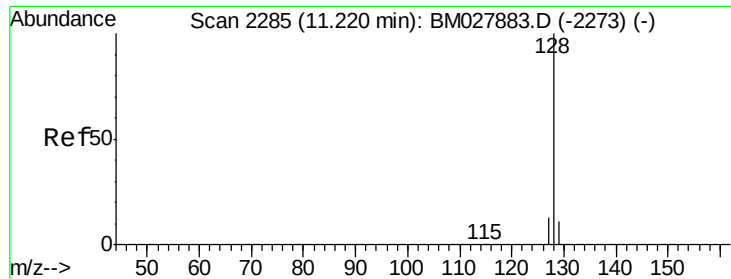
Instrument :
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#3

Naphthalene

Concen: 0.200 ng/ul

RT: 11.22 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Instrument :

BNA_M

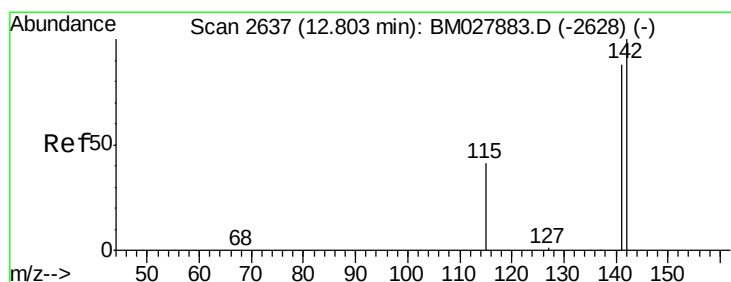
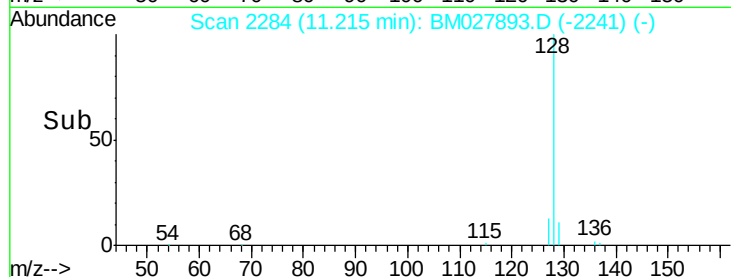
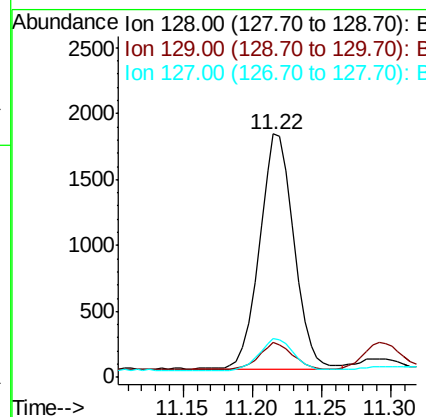
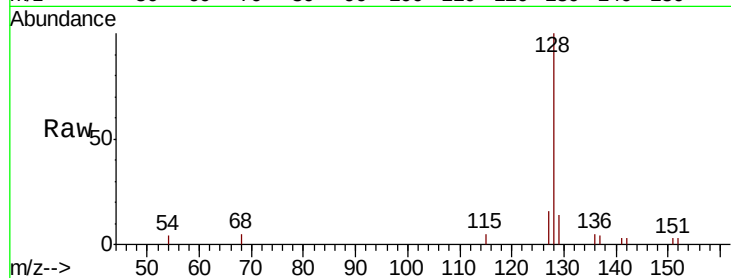
ClientSampled :

C0BF2

Tot Ion:128	Resp:	3069
Ion Ratio	Lower	Upper
128 100		
129 14.1	10.4	15.6
127 15.9	12.0	18.0

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#5

2-Methylnaphthalene

Concen: 0.138 ng/ul

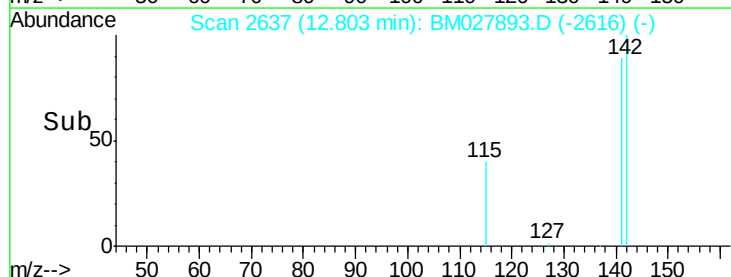
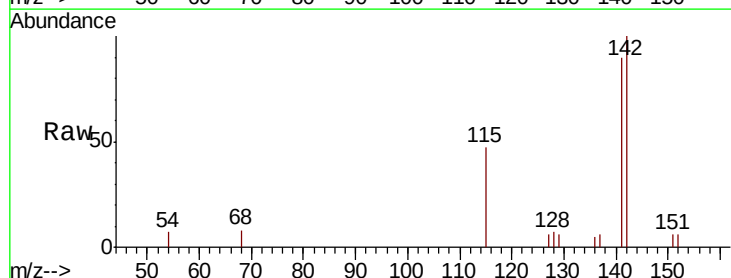
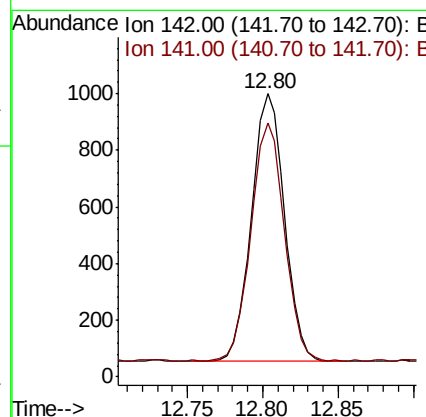
RT: 12.80 min Scan# 2637

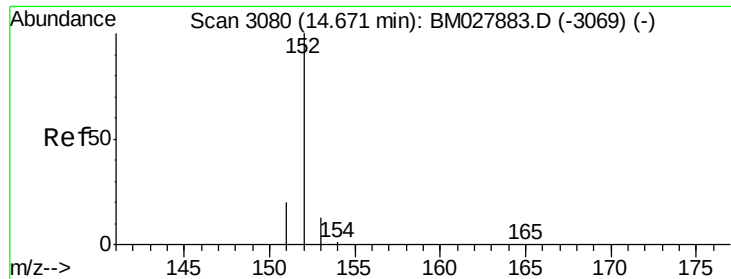
Delta R.T. -0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Tgt Ion:142	Resp:	1443
Ion Ratio	Lower	Upper
142 100		
141 90.0	71.6	107.4





#7

Acenaphthylene

Concen: 0.312 ng/ul

RT: 14.68 min Scan# 3081

Delta R.T. -0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Instrument :

BNA_M

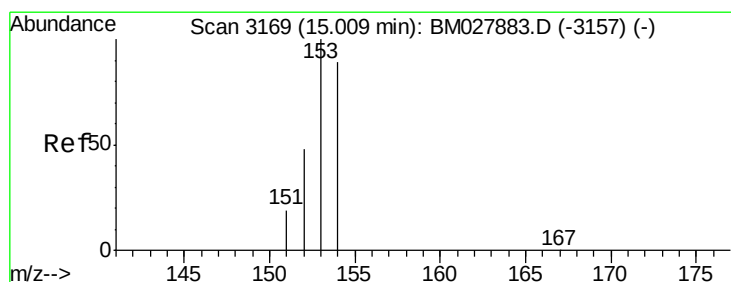
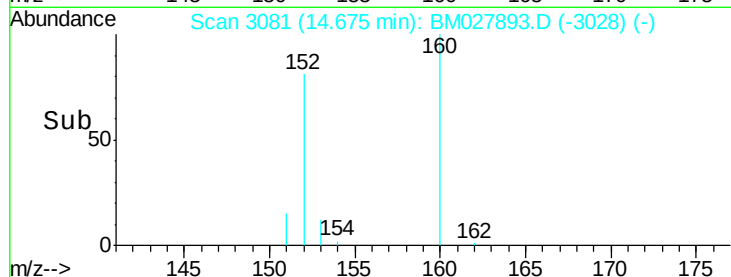
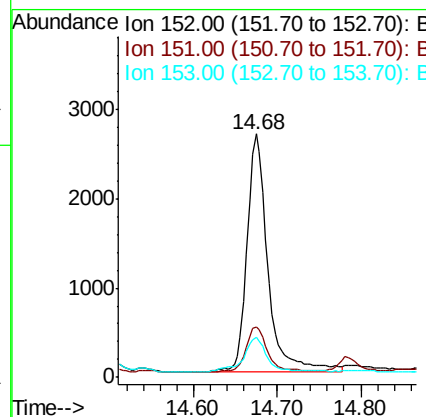
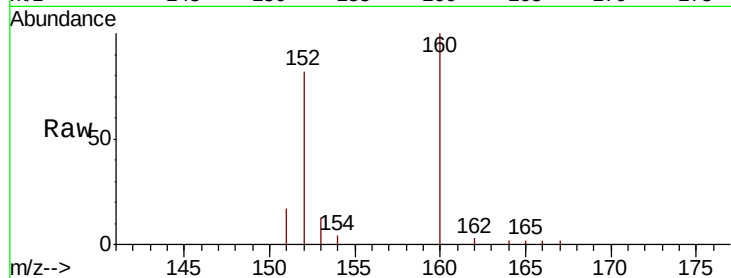
ClientSampleId :

C0BF2

Tot Ion:	152	Resp:	4640
Ion Ratio	Lower	Upper	
152	100		
151	20.8	17.1	25.7
153	16.2	12.0	18.0

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#8

Acenaphthene

Concen: 1.468 ng/ul

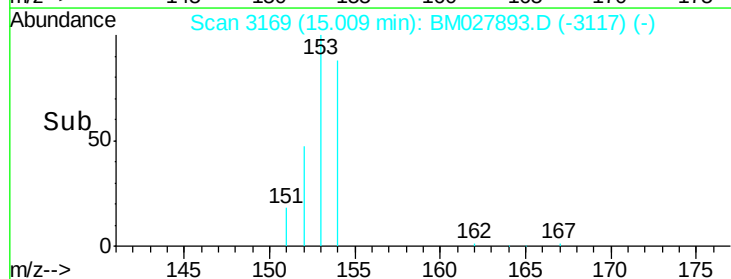
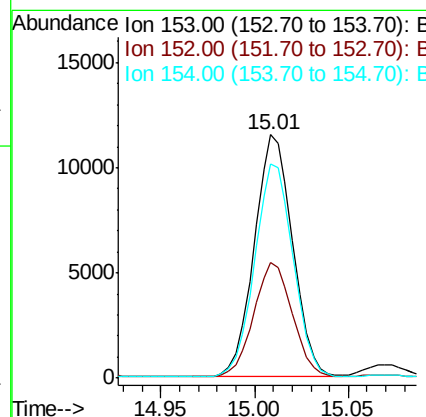
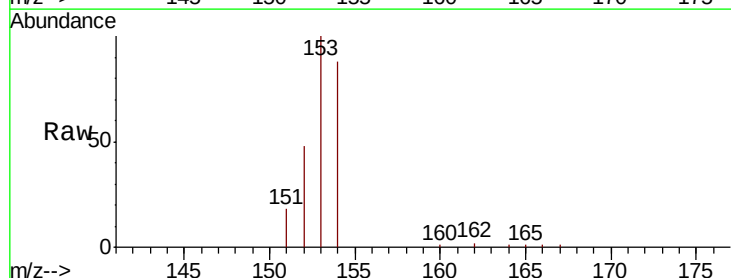
RT: 15.01 min Scan# 3169

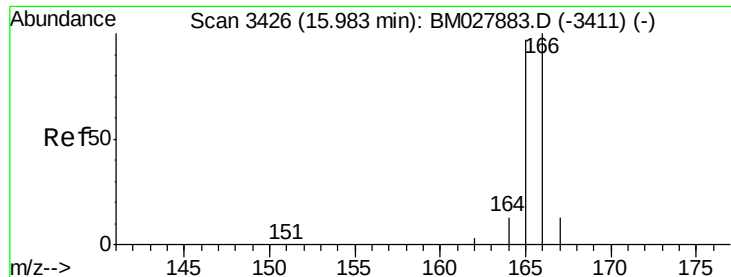
Delta R.T. -0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Tgt Ion:	153	Resp:	16341
Ion Ratio	Lower	Upper	
153	100		
152	47.6	39.0	58.6
154	88.2	71.6	107.4





#9

Fluorene

Concen: 1.689 ng/ul

RT: 15.98 min Scan# 3426

Delta R.T. -0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Instrument :

BNA_M

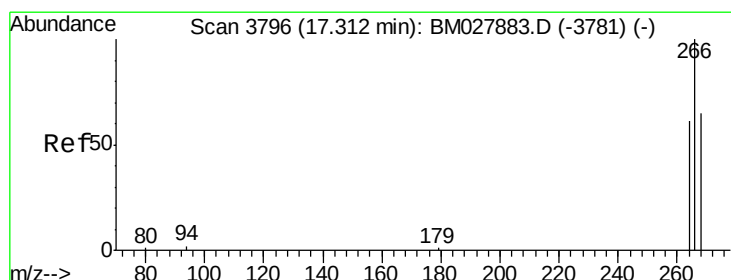
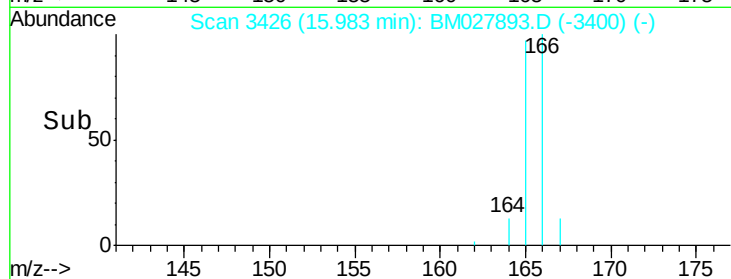
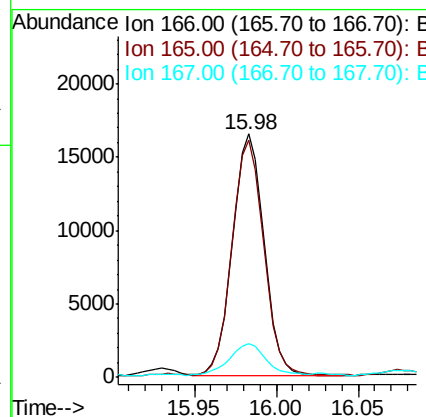
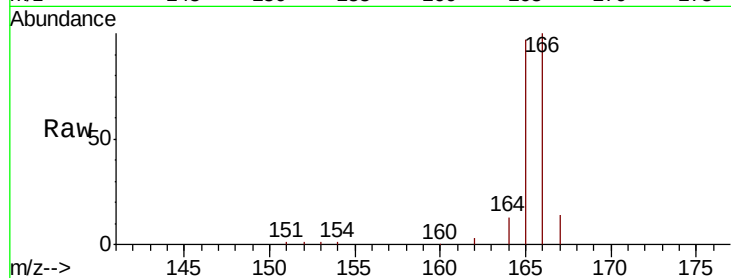
ClientSampleId :

C0BF2

Tot Ion:	166	Resp:	21810
Ion Ratio	Lower	Upper	
166	100		
165	97.4	78.1	117.1
167	14.0	11.8	17.8

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#11

Pentachlorophenol

Concen: 0.033 ng/ul m

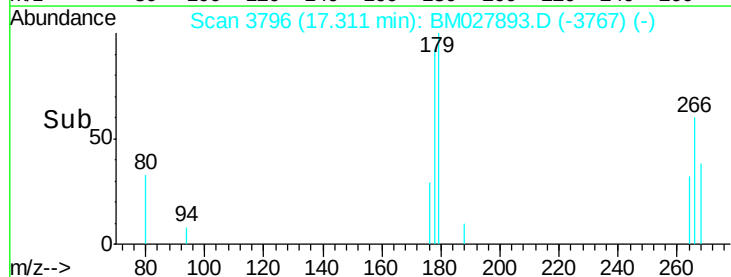
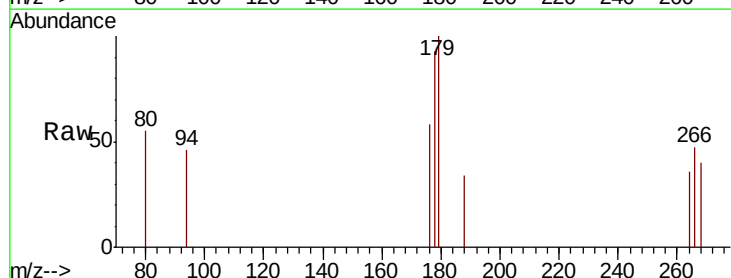
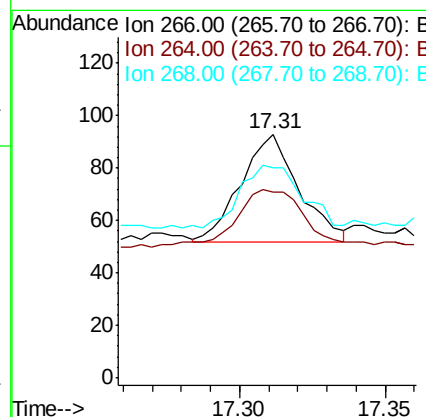
RT: 17.31 min Scan# 3796

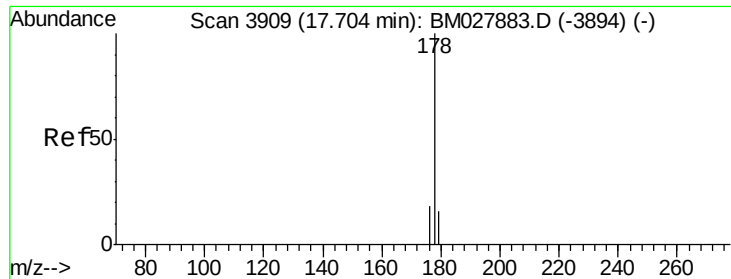
Delta R.T. 0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Tgt Ion:	266	Resp:	56
Ion Ratio	Lower	Upper	
266	100		
264	3.6	49.6	74.4#
268	3.6	52.1	78.1#





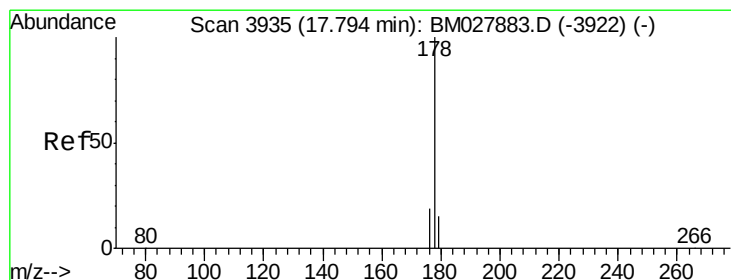
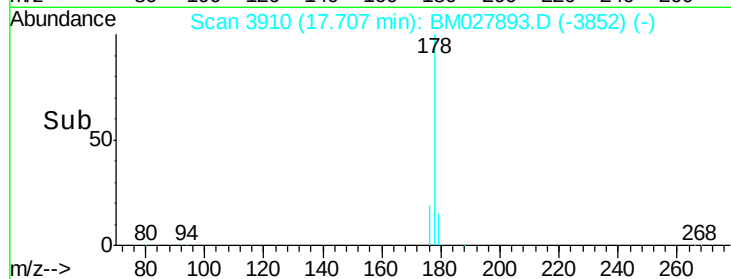
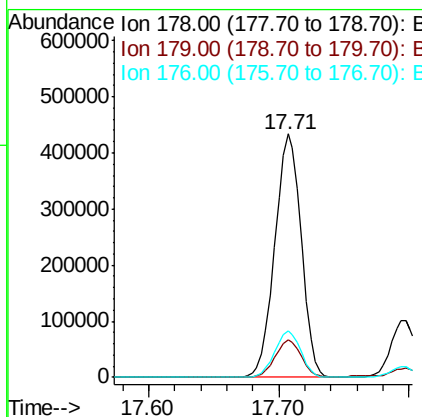
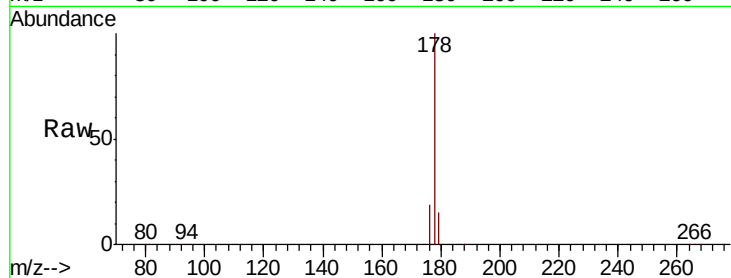
#12
Phenanthrene
Concen: 38.172 ng/ul
RT: 17.71 min Scan# 3910
Delta R.T. 0.00 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Instrument :
BNA_M
ClientSampleId :
C0BF2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.8	16.1	24.1

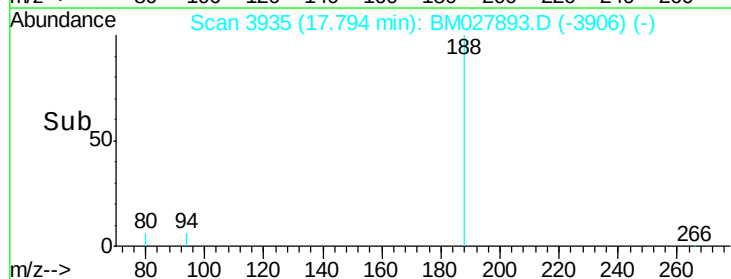
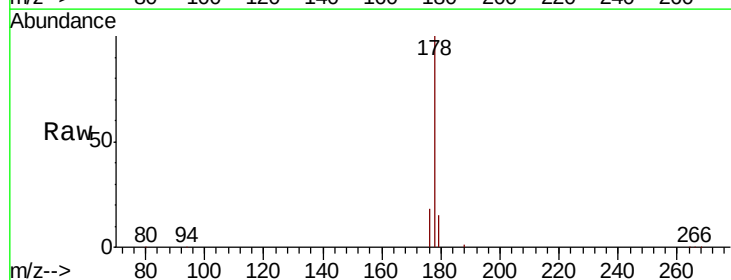
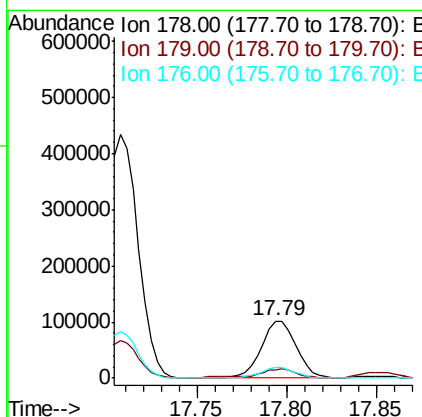
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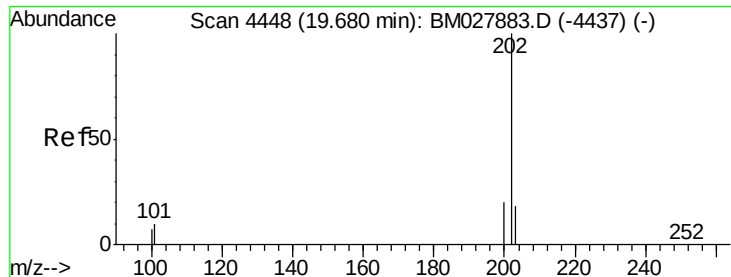
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#13
Anthracene
Concen: 8.932 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.4	20.2
176	18.3	15.0	22.6





#15

Fluoranthene

Concen: 80.394 ng/ul

RT: 19.69 min Scan# 4450

Delta R.T. 0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Instrument :

BNA_M

ClientSampleId :

C0BF2

Tot Ion:202 Resp: 1408209

Ion Ratio Lower Upper

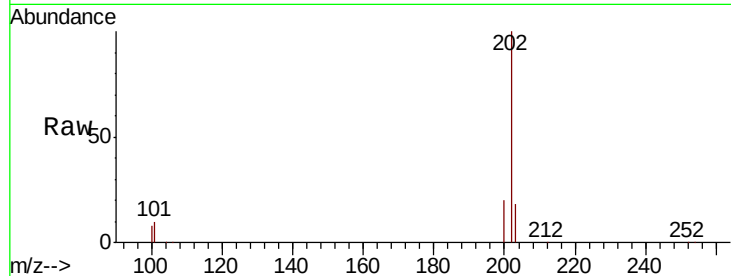
202 100

101 10.0 0.0 29.3

100 7.8 0.0 27.4

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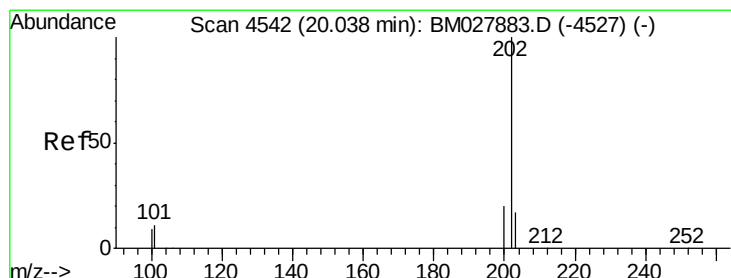
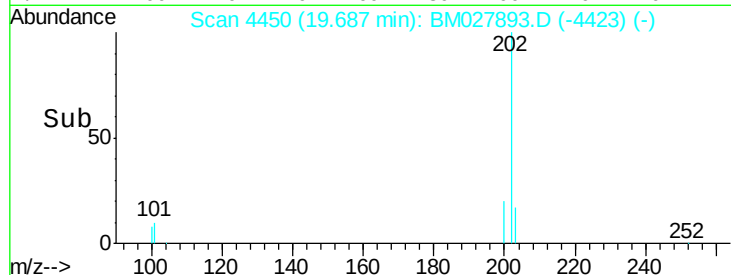
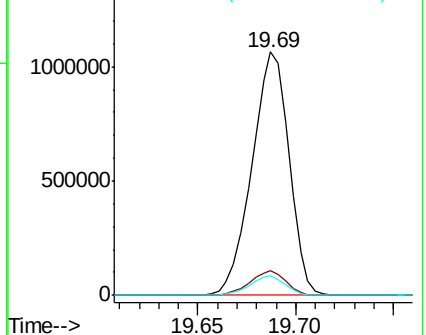
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 76.370 ng/ul

RT: 20.05 min Scan# 4544

Delta R.T. 0.00 min

Lab File: BM027893.D

Acq: 21 Nov 2020 22:21

Tgt Ion:202 Resp: 1115475

Ion Ratio Lower Upper

202 100

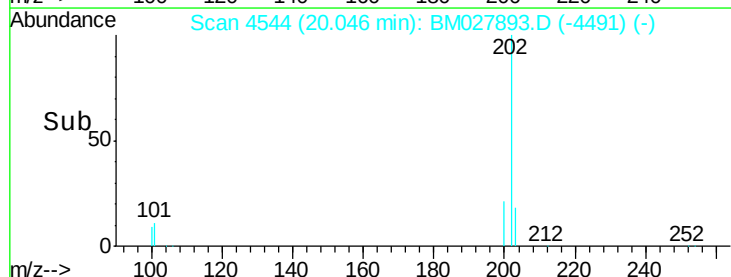
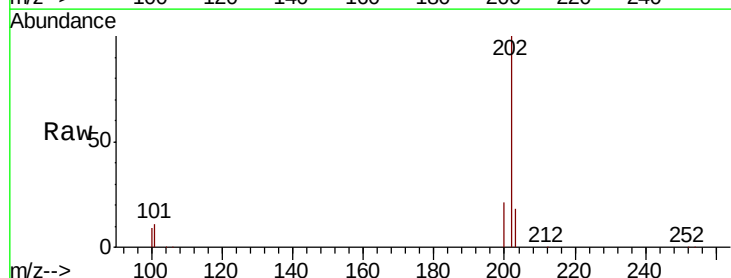
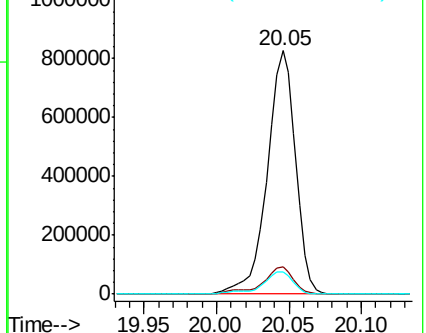
101 11.2 8.2 12.2

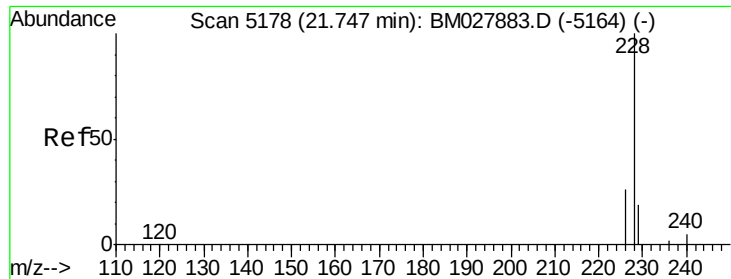
100 9.3 6.9 10.3

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





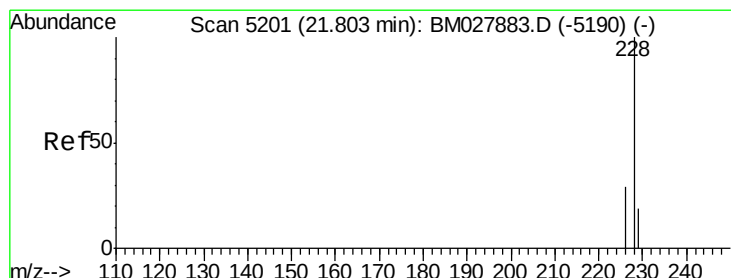
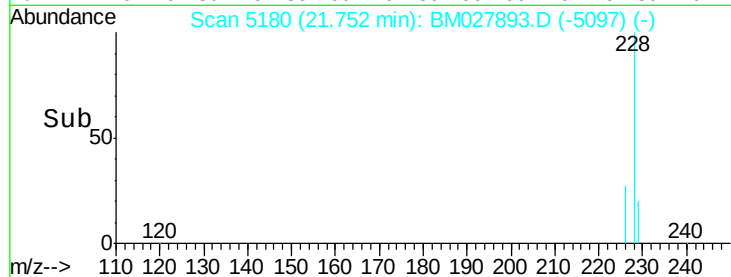
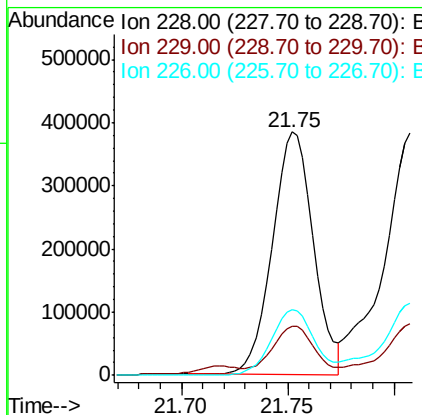
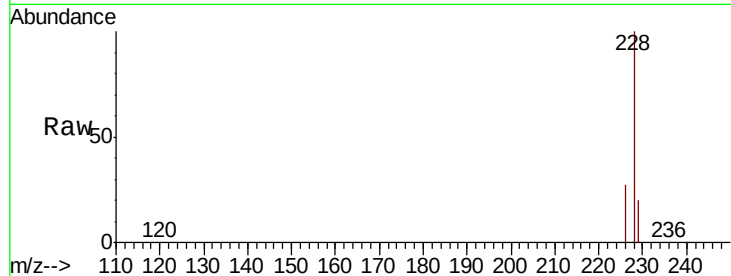
#18
Benzo(a)anthracene
Concen: 44.397 ng/ul
RT: 21.75 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Instrument :
BNA_M
ClientSampled :
C0BF2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	27.1	21.5	32.3

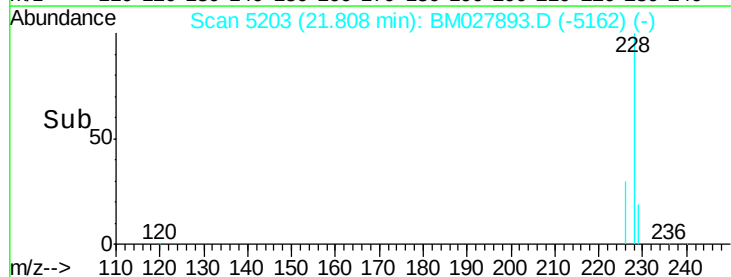
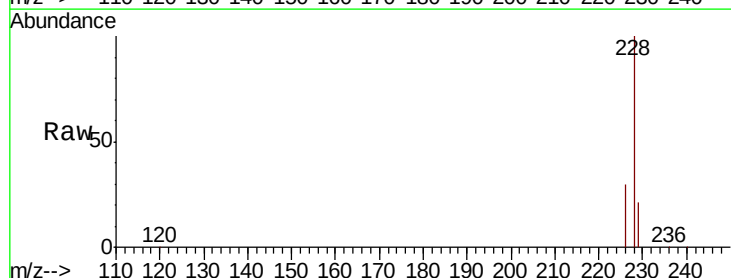
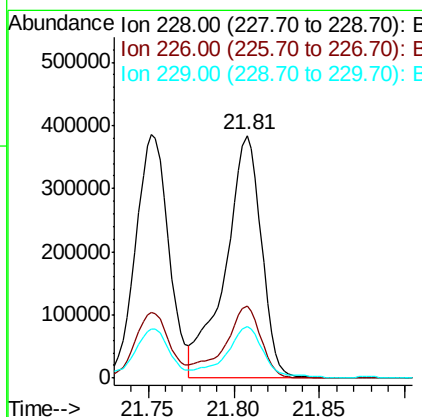
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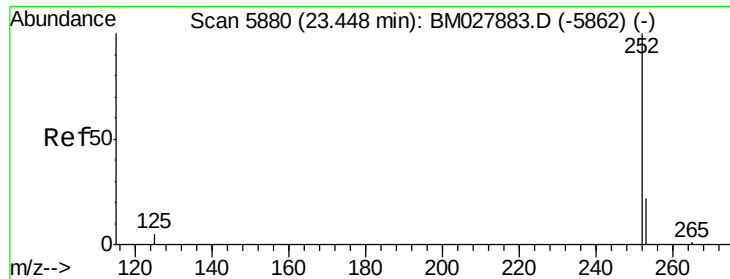
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#19
Chrysene
Concen: 49.435 ng/ul
RT: 21.81 min Scan# 5203
Delta R.T. 0.00 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.1	36.1
229	21.4	16.6	24.8





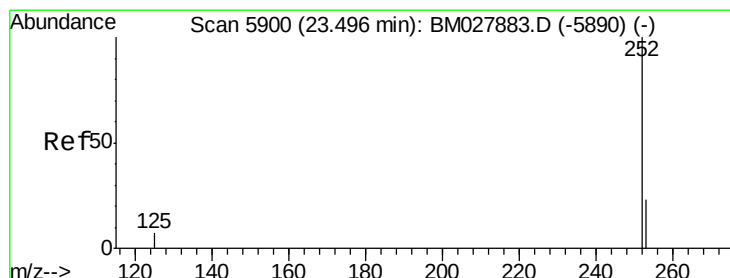
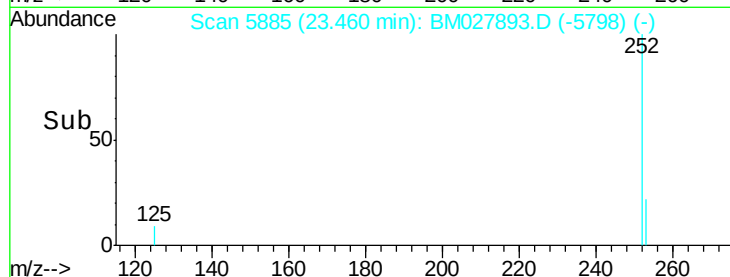
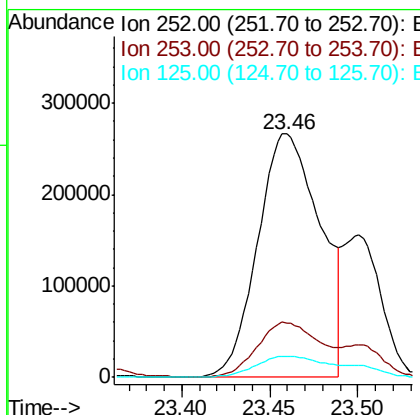
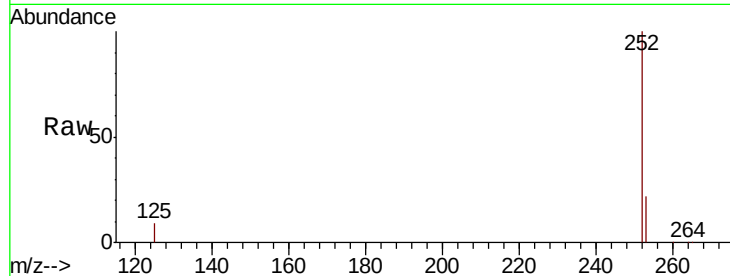
#21
Benzo(b)fluoranthene
Concen: 47.199 ng/ul m
RT: 23.46 min Scan# 5885
Delta R.T. 0.01 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Instrument :
BNA_M
ClientSampleId :
C0BF2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	0.0	59.6
125	8.8	0.0	28.4

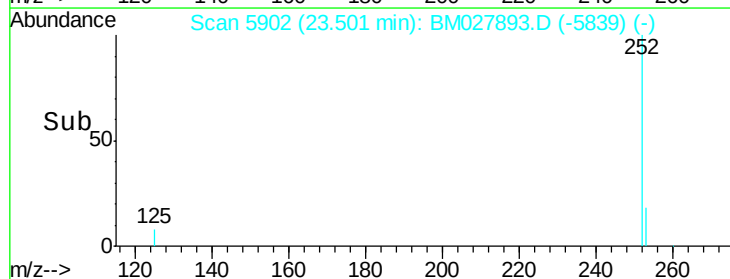
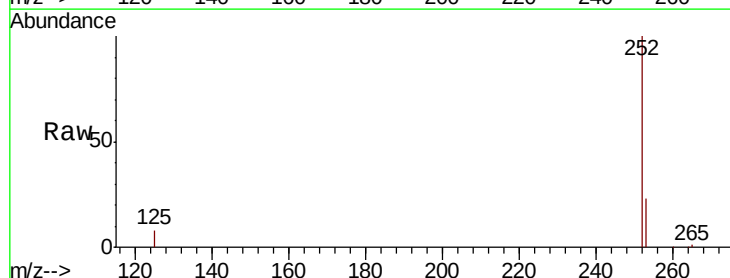
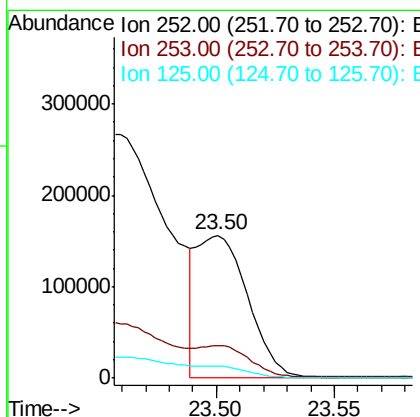
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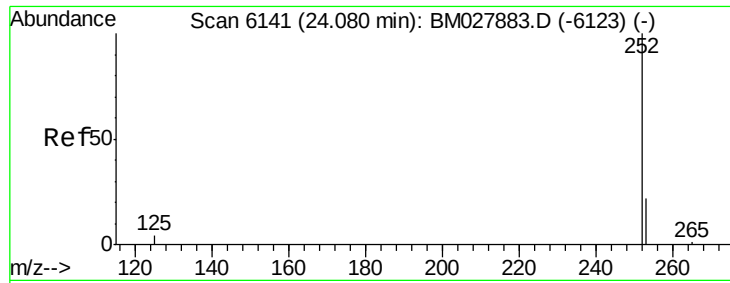
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#22
Benzo(k)fluoranthene
Concen: 17.107 ng/ul m
RT: 23.50 min Scan# 5902
Delta R.T. 0.00 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.0	23.2	34.8#
125	8.4	11.8	17.6#





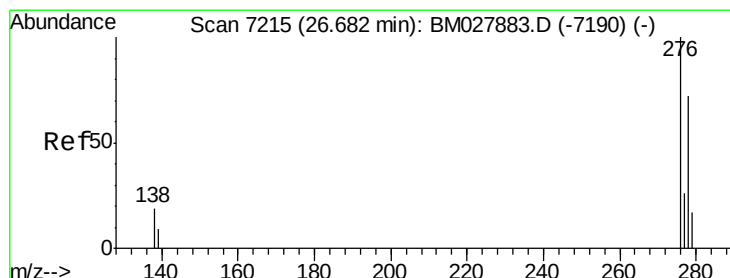
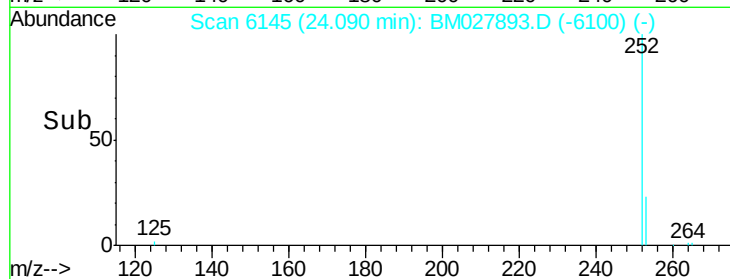
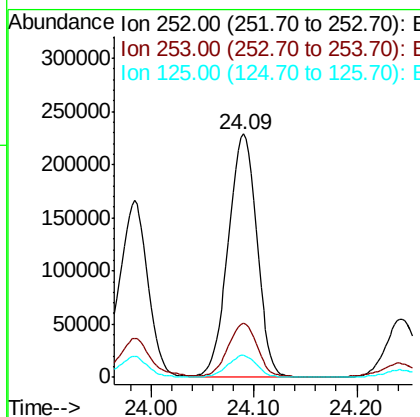
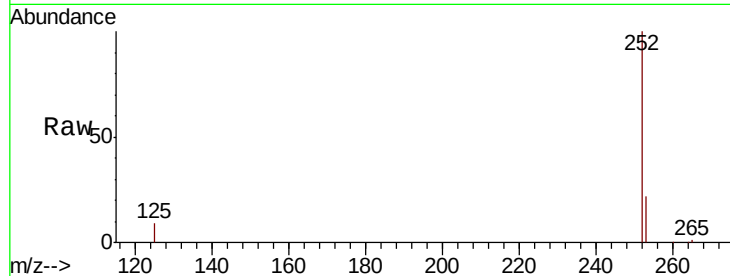
#23
Benzo(a)pyrene
Concen: 36.270 ng/ul
RT: 24.09 min Scan# 6145
Delta R.T. 0.01 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Instrument :
BNA_M
ClientSampleId :
C0BF2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	25.2	37.8#
125	9.0	13.8	20.6#

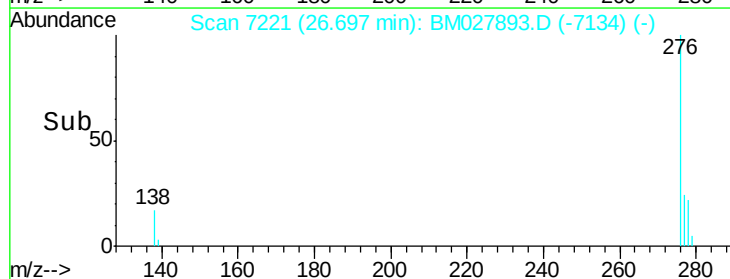
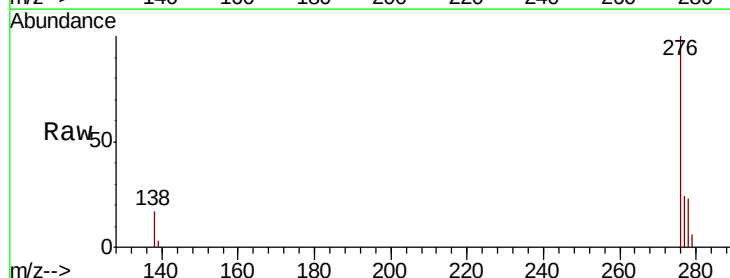
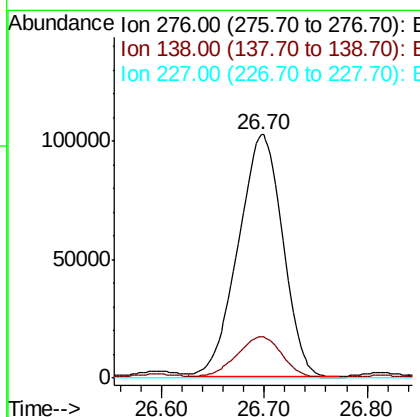
Manual Integrations
APPROVED

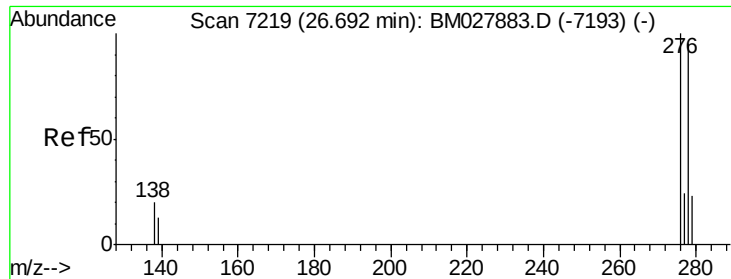
mohammad
11/24/2020 8:59:19 AM



#24
Indeno(1,2,3-cd)pyrene
Concen: 23.508 ng/ul
RT: 26.70 min Scan# 7221
Delta R.T. 0.01 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.7	23.5
227	0.0	0.0	0.0





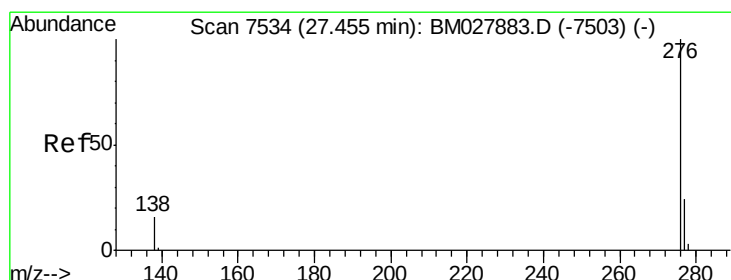
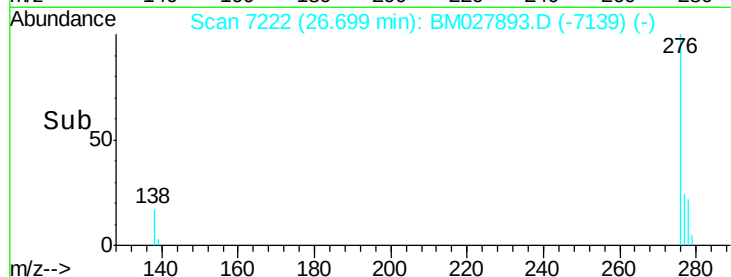
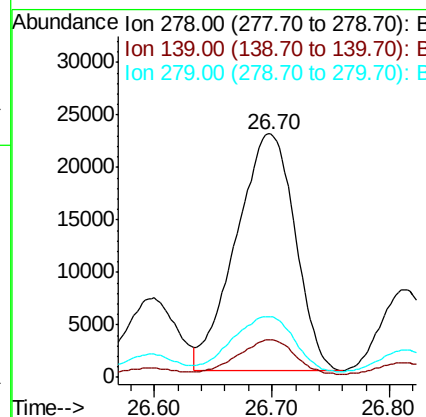
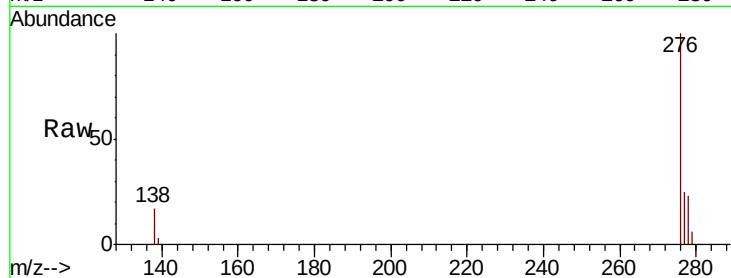
#25
Dibenzo(a,h)anthracene
Concen: 7.197 ng/ul m
RT: 26.70 min Scan# 7222
Delta R.T. 0.00 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Instrument :
BNA_M
ClientSampleId :
C0BF2

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.3	14.8	22.2
279	25.0	25.8	38.6

Manual Integrations
APPROVED

mohammad
11/24/2020 8:59:19 AM



#26
Benzo(g,h,i)perylene
Concen: 27.058 ng/ul
RT: 27.48 min Scan# 7543
Delta R.T. 0.01 min
Lab File: BM027893.D
Acq: 21 Nov 2020 22:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.4	26.2
277	24.1	22.5	33.7

