

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
 Data File : BM027814.D
 Acq On : 17 Nov 2020 11:26
 Operator : JU/CG
 Sample : L4762-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Manual Integrations
 APPROVED

mohammad
 11/19/2020 10:32:46 AM

Quant Time: Nov 17 12:06:54 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 09:19:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	1165	0.40	ng/ul	0.00
2) Naphthalene-d8	11.22	136	4531	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.99	164	10743	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7565	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	8192	0.40	ng/ul	0.00
20) Perylene-d12	24.29	264	1368m	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.78	152	5260	0.62	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	5936	0.26	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	11.26	128	50109	3.461	ng/ul#	77
5) 2-Methylnaphthalene	12.85	142	131003	13.007	ng/ul	98
7) Acenaphthylene	14.72	152	28665	0.542	ng/ul#	1
8) Acenaphthene	15.06	153	61450	1.517	ng/ul#	72
9) Fluorene	16.03	166	52451	1.077	ng/ul#	69
12) Phenanthrene	17.75	178	847072	34.397	ng/ul	98
13) Anthracene	17.84	178	78054	3.255	ng/ul#	74
15) Fluoranthene	19.73	202	126419	4.485	ng/ul	88
17) Pyrene	20.09	202	621614	17.111	ng/ul#	90
18) Benzo(a)anthracene	21.80	228	71843	2.194	ng/ul#	30
19) Chrysene	21.85	228	105914m	3.176	ng/ul	
21) Benzo(b)fluoranthene	23.53	252	64093m	10.238	ng/ul	
22) Benzo(k)fluoranthene	23.58	252	19705m	3.206	ng/ul	
23) Benzo(a)pyrene	24.18	252	17329m	3.148	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.83	276	6298	1.004	ng/ul#	99
25) Dibenzo(a,h)anthracene	26.82	278	4392m	0.839	ng/ul	
26) Benzo(a,h,i)perylene	27.62	276	12678	2.389	ng/ul#	69

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

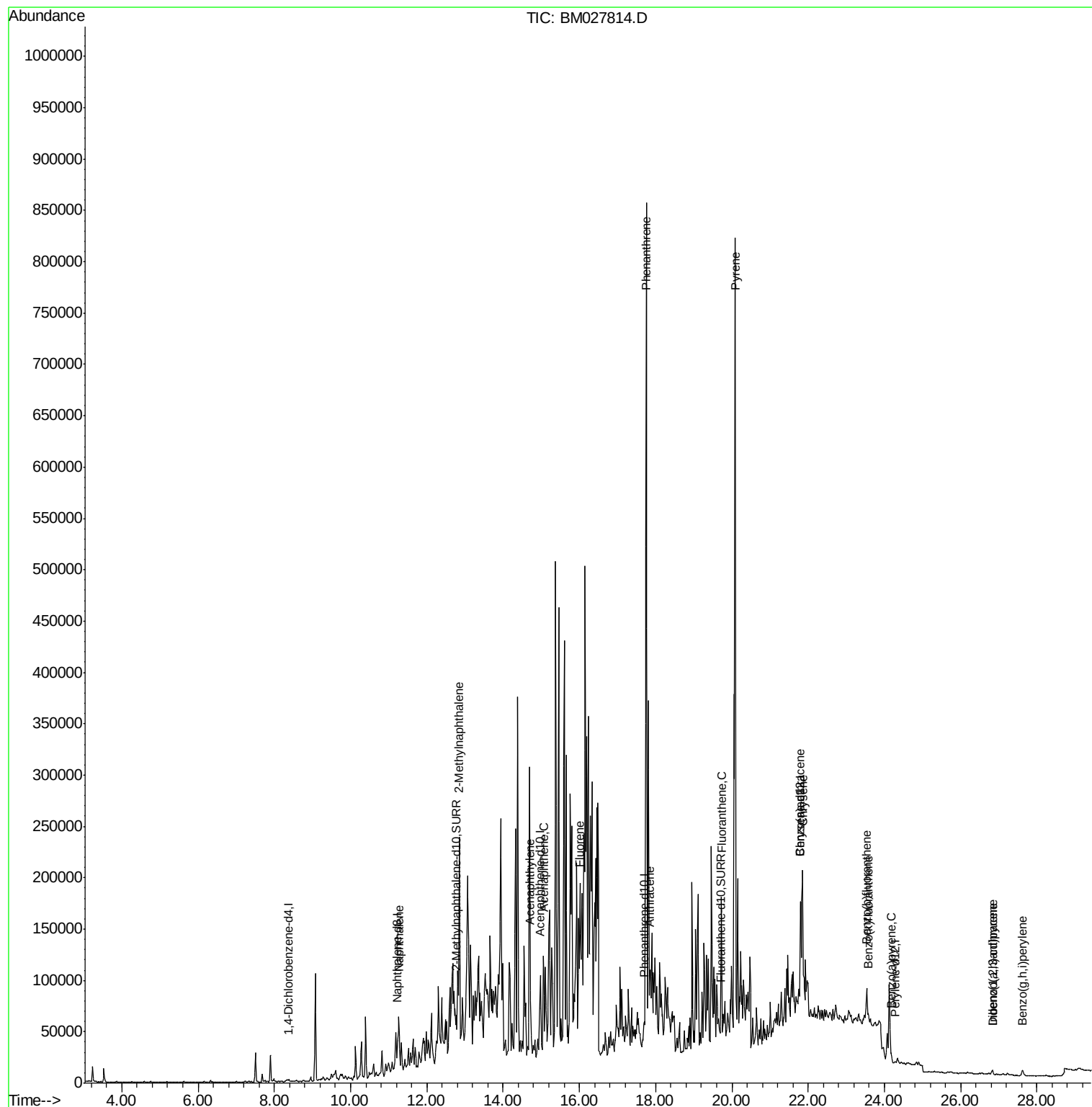
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111720\
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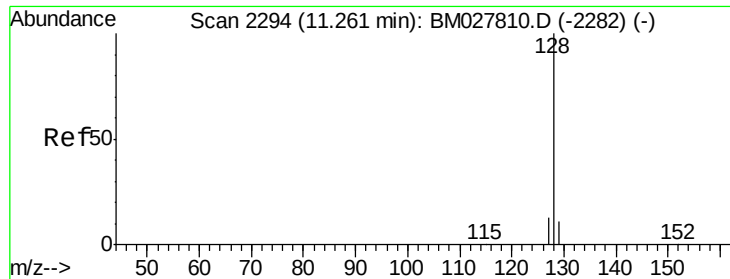
Instrument :
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C0AC4

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Quant Time: Nov 17 12:06:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM111020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 09:19:02 2020
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#3

Naphthalene

Concen: 3.461 ng/ul

RT: 11.26 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

Instrument :

BNA_M

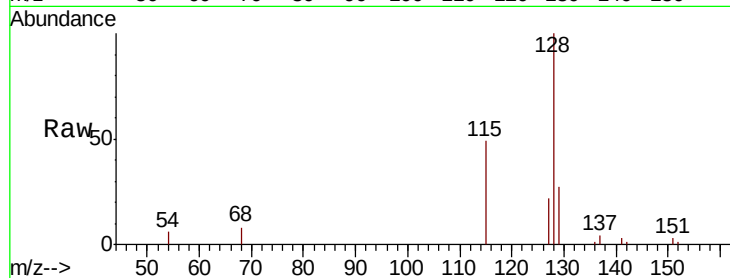
ClientSampleId :

C0AC4

Tot Ion	Ratio	Lower	Upper
128	100		
129	26.9	11.0	16.4#
127	21.7	12.4	18.6#

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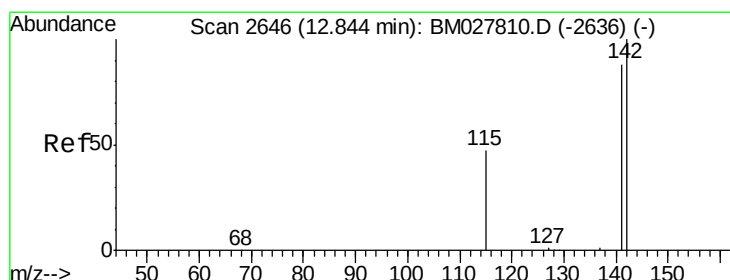
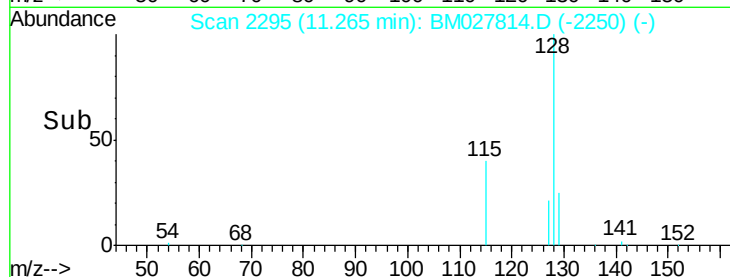
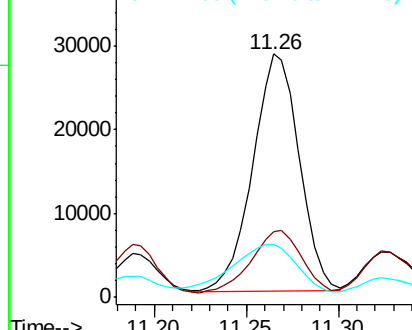


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 13.007 ng/ul

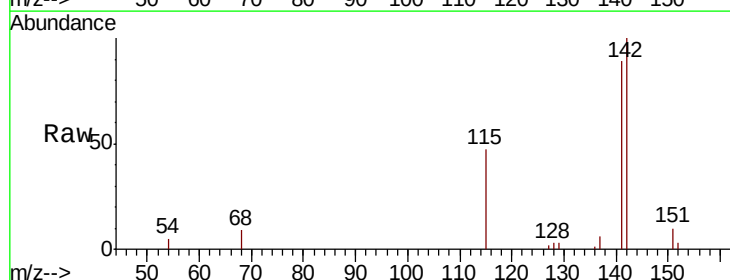
RT: 12.85 min Scan# 2648

Delta R.T. 0.01 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

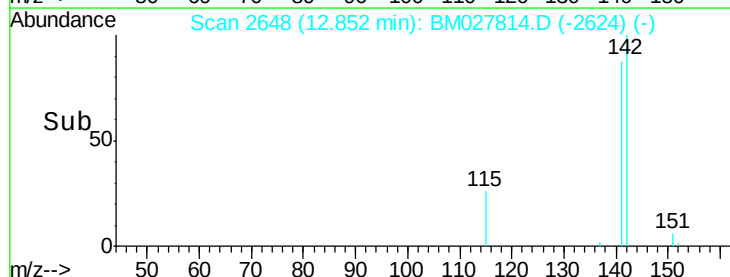
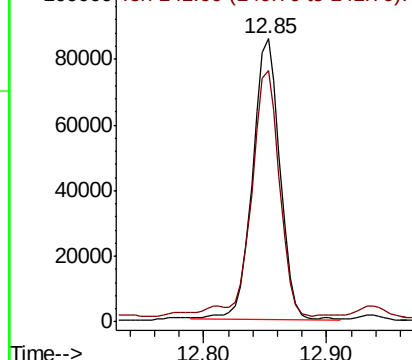
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.1	70.0	105.0

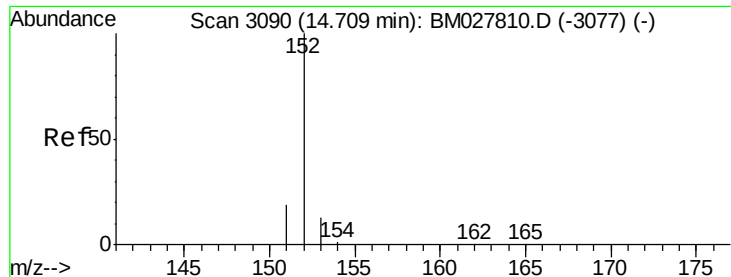


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.542 ng/ul

RT: 14.72 min Scan# 3092

Delta R.T. 0.01 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

Instrument :

BNA_M

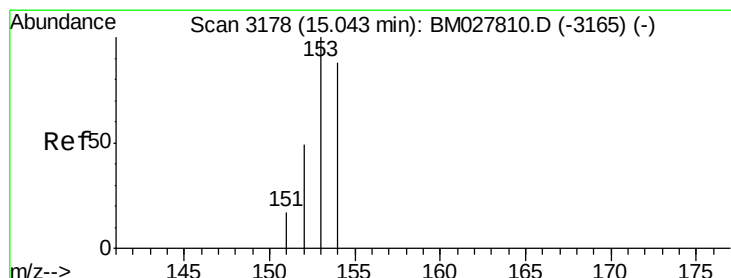
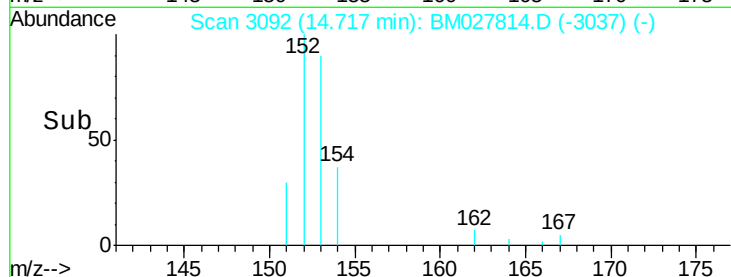
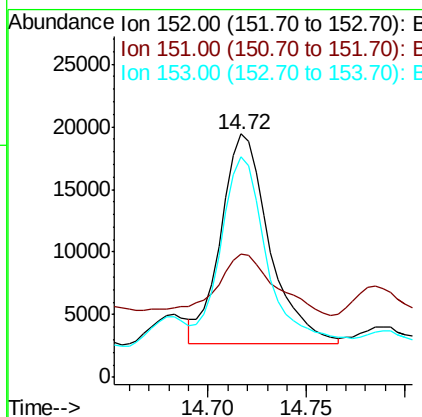
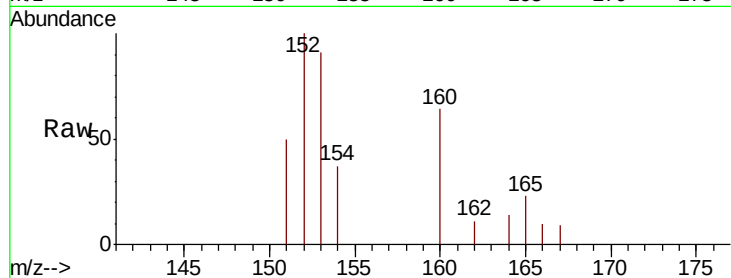
ClientSampleId :

C0AC4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		28665		
151	50.4	17.8	26.6#		
153	90.6	11.8	17.8#		

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#8

Acenaphthene

Concen: 1.517 ng/ul

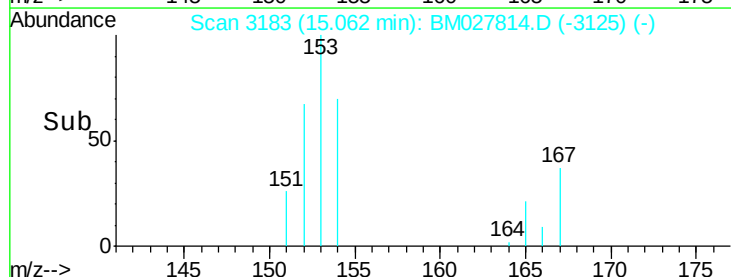
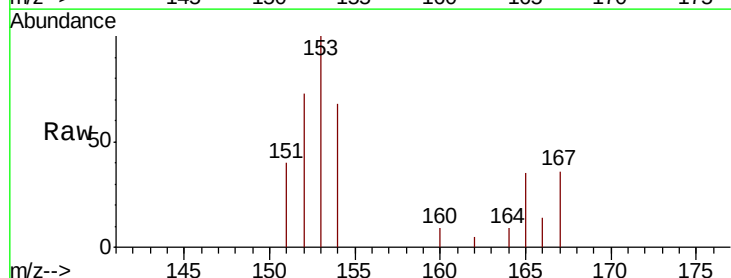
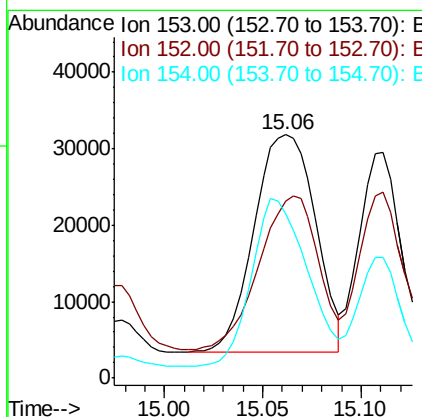
RT: 15.06 min Scan# 3183

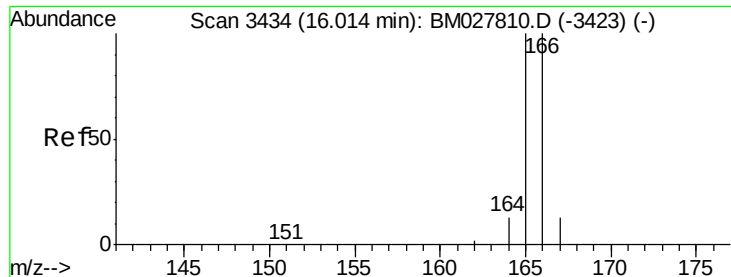
Delta R.T. 0.02 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
153	100		61450		
152	72.7	38.6	58.0#		
154	67.6	72.0	108.0#		





#9

Fluorene

Concen: 1.077 ng/ul

RT: 16.03 min Scan# 3438

Delta R.T. 0.01 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

Instrument :

BNA_M

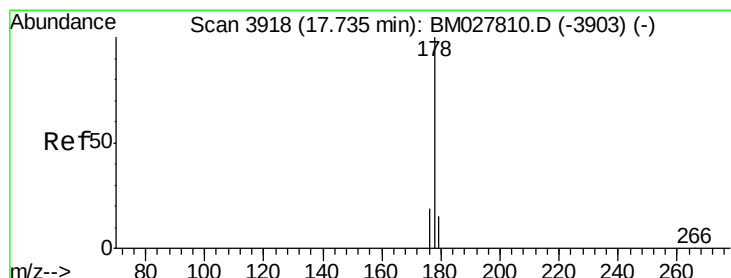
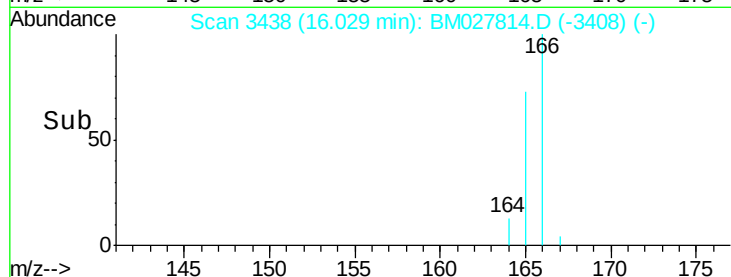
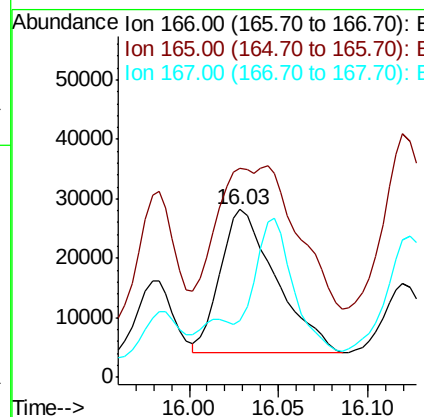
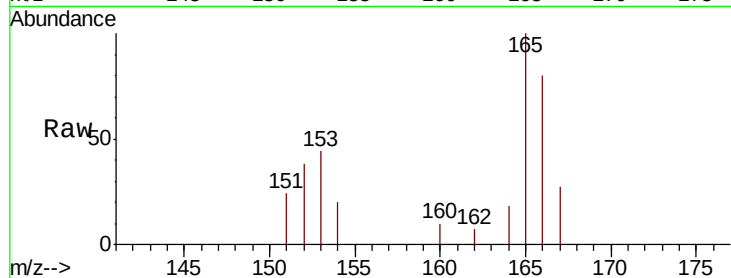
ClientSampled :

C0AC4

Tot Ion	Ratio	Lower	Upper
166	100		
165	124.7	76.9	115.3#
167	33.9	12.0	18.0#

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#12

Phenanthrene

Concen: 34.397 ng/ul

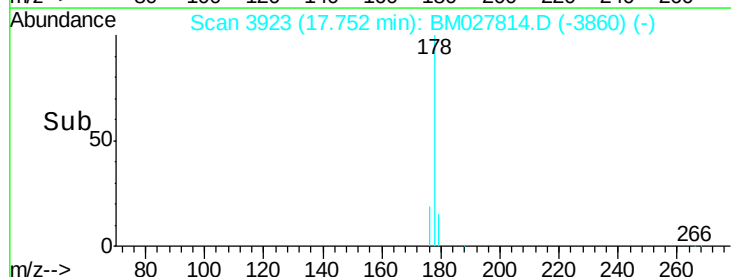
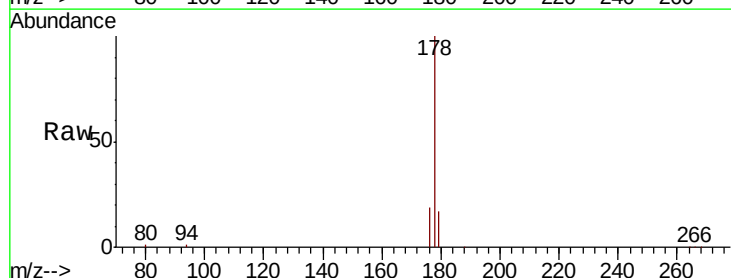
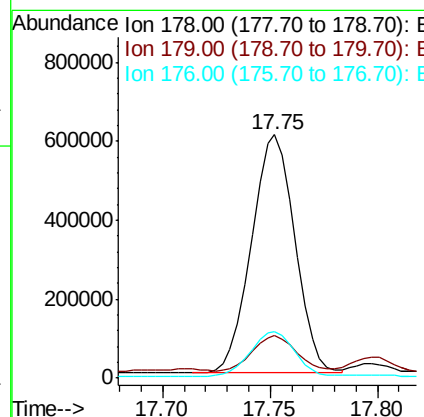
RT: 17.75 min Scan# 3923

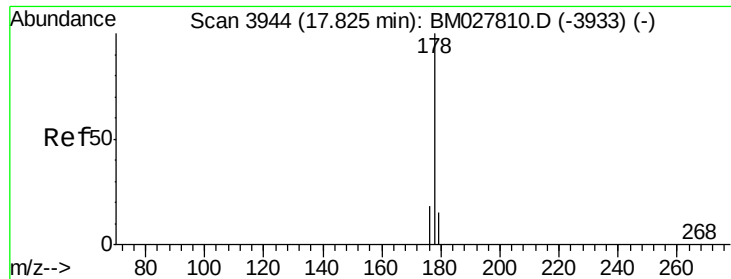
Delta R.T. 0.02 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.5	20.3
176	19.2	16.5	24.7





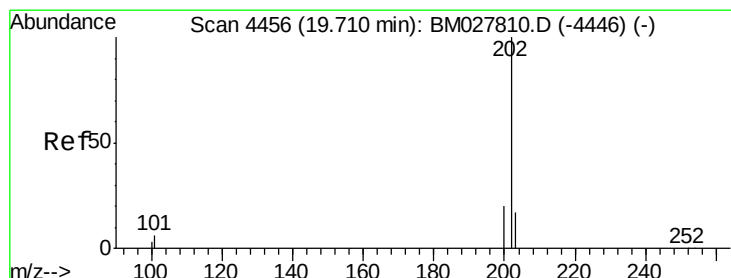
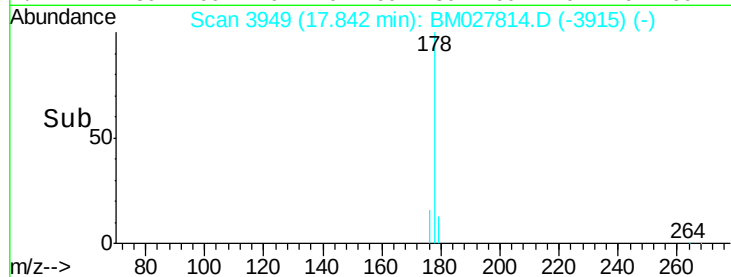
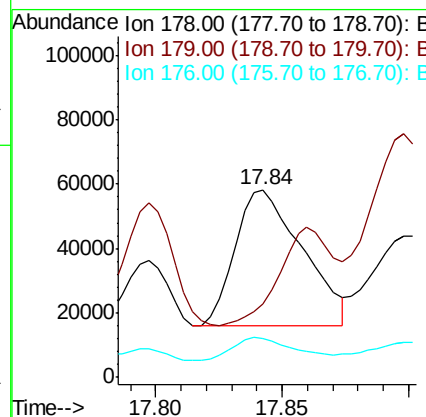
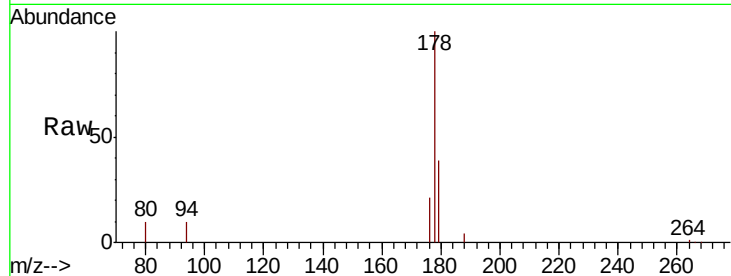
#13
 Anthracene
 Concen: 3.255 ng/ul
 RT: 17.84 min Scan# 3949
 Delta R.T. 0.02 min
 Lab File: BM027814.D
 Acq: 17 Nov 2020 11:26

Instrument :
 BNA_M
 ClientSampleId :
 C0AC4

Tot Ion	Ratio	Lower	Upper
178	100		
179	39.4	13.6	20.4#
176	20.9	15.4	23.2

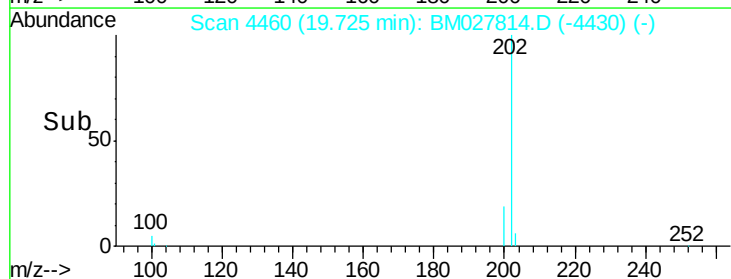
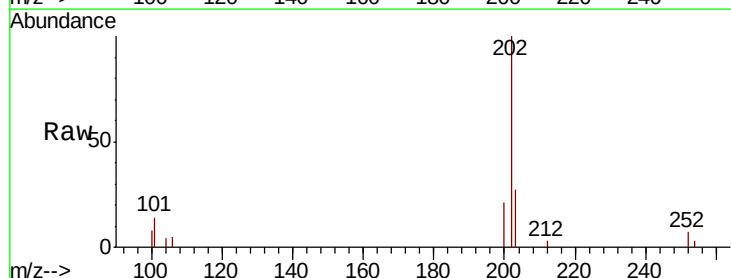
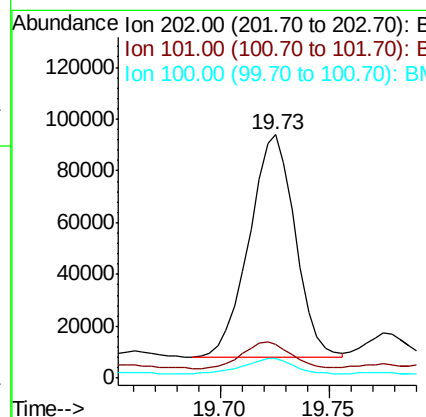
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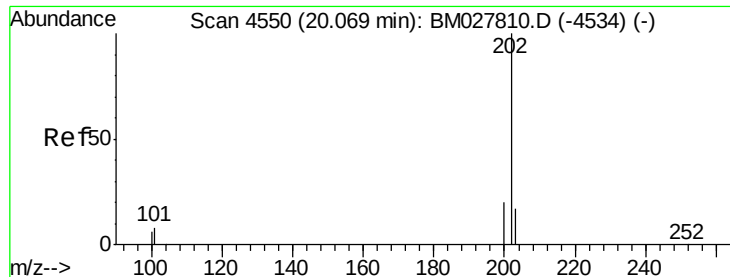
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#15
 Fluoranthene
 Concen: 4.485 ng/ul
 RT: 19.73 min Scan# 4460
 Delta R.T. 0.02 min
 Lab File: BM027814.D
 Acq: 17 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	28.0
100	8.0	0.0	26.3





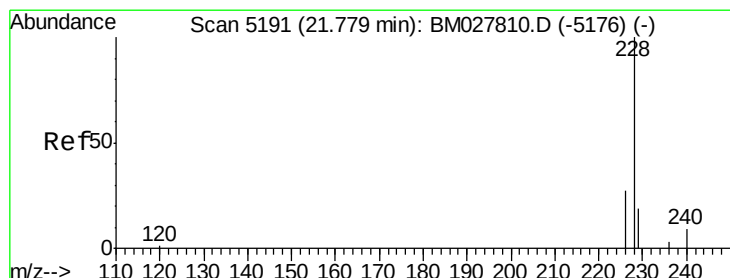
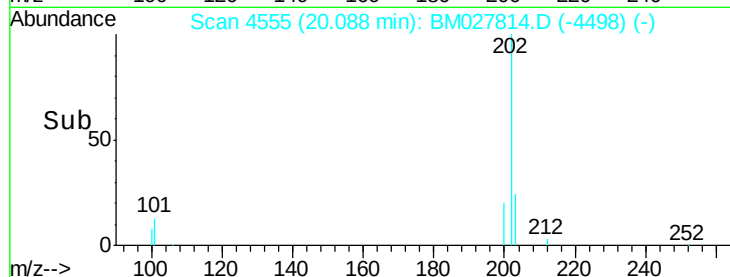
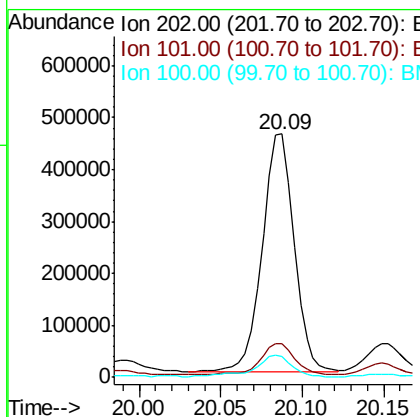
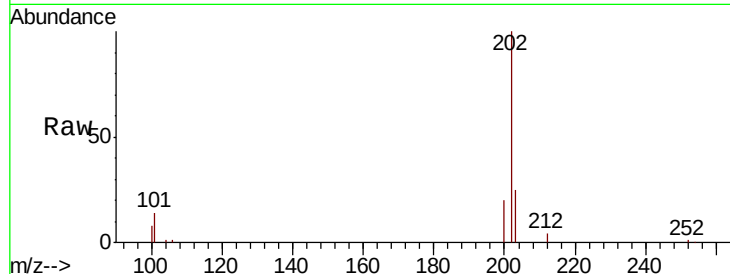
#17
Pvrene
Concen: 17.111 ng/ul
RT: 20.09 min Scan# 4555
Delta R.T. 0.02 min
Lab File: BM027814.D
Acq: 17 Nov 2020 11:26

Instrument :
BNA_M
ClientSampleId :
C0AC4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	6.4	9.6#
100	8.4	5.8	8.6

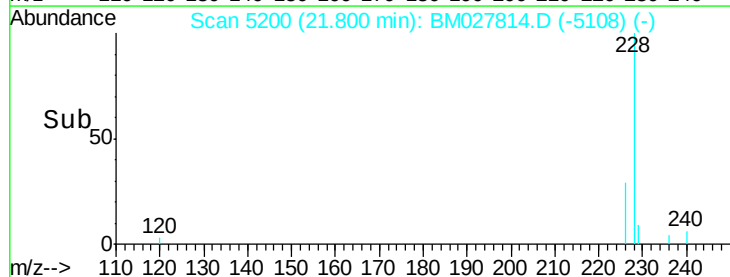
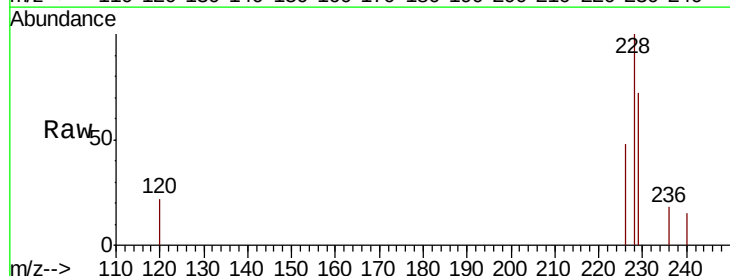
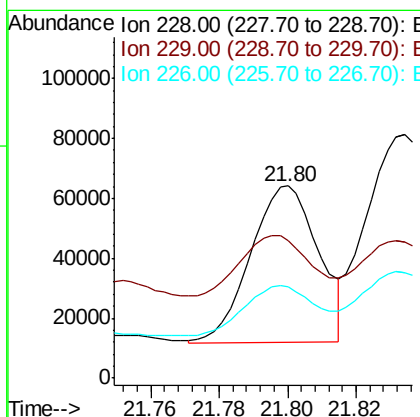
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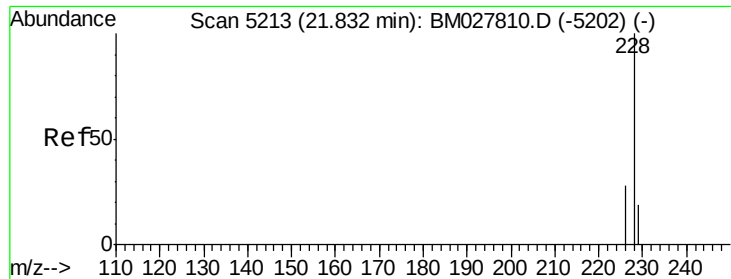
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#18
Benzo(a)anthracene
Concen: 2.194 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. 0.02 min
Lab File: BM027814.D
Acq: 17 Nov 2020 11:26

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	71.6	15.9	23.9#
226	47.7	22.0	33.0#





#19

Chrysene

Concen: 3.176 ng/ul m

RT: 21.85 min Scan# 5222

Delta R.T. 0.02 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

Instrument :

BNA_M

ClientSampleId :

C0AC4

Tot Ion:228 Resp: 105914

Ion Ratio Lower Upper

228 100

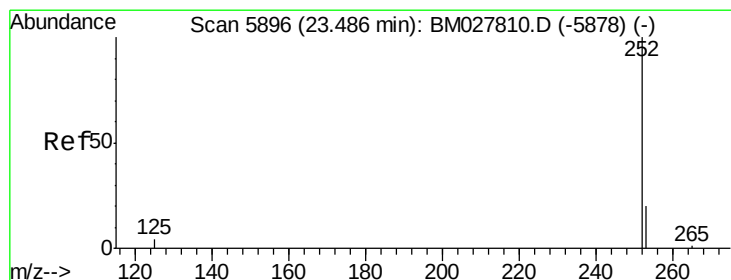
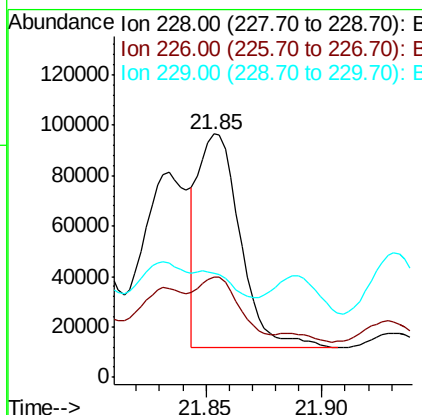
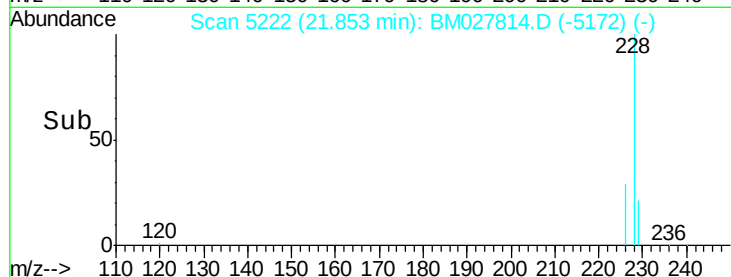
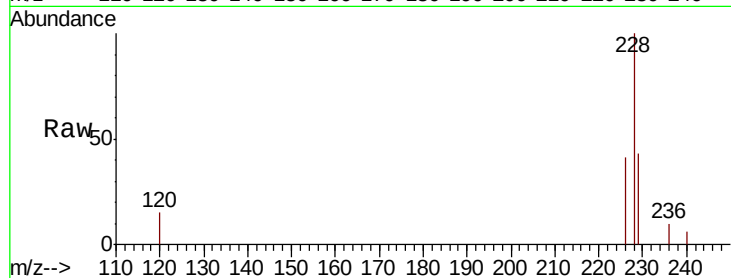
226 41.2 24.2 36.2#

229 42.9 16.8 25.2#

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#21

Benzo(b)fluoranthene

Concen: 10.238 ng/ul m

RT: 23.53 min Scan# 5916

Delta R.T. 0.05 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

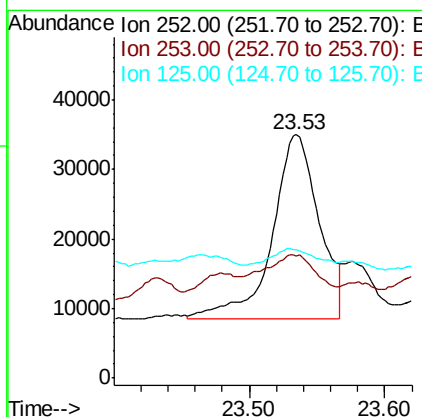
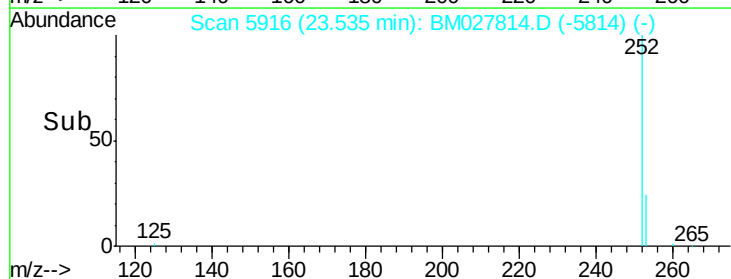
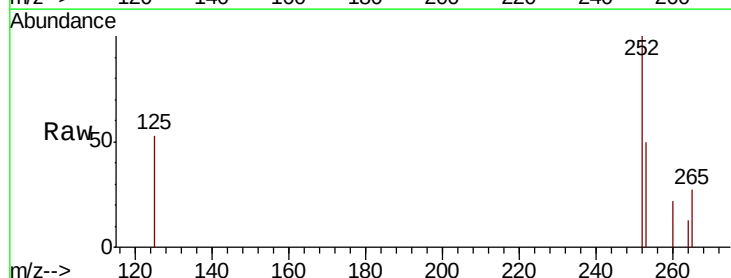
Tgt Ion:252 Resp: 64093

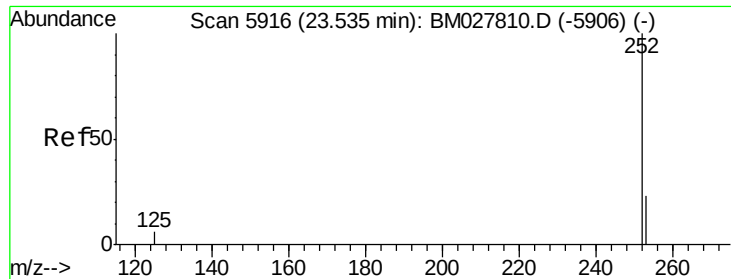
Ion Ratio Lower Upper

252 100

253 50.3 0.0 52.2

125 52.7 0.0 17.6#





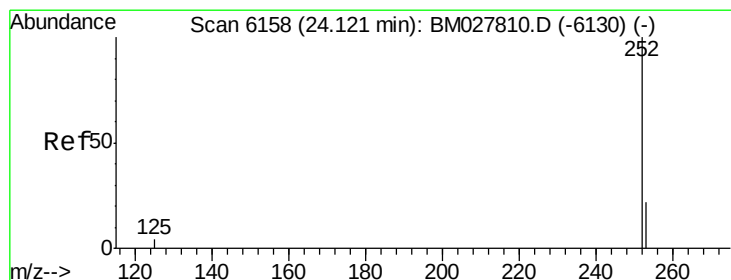
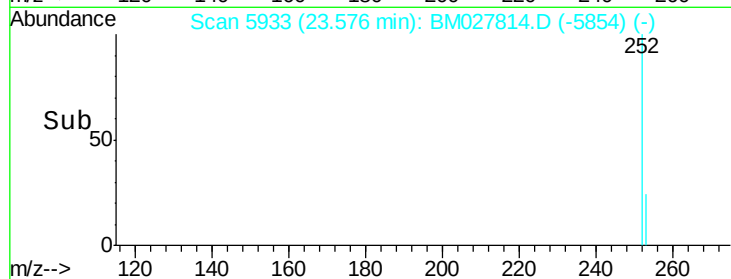
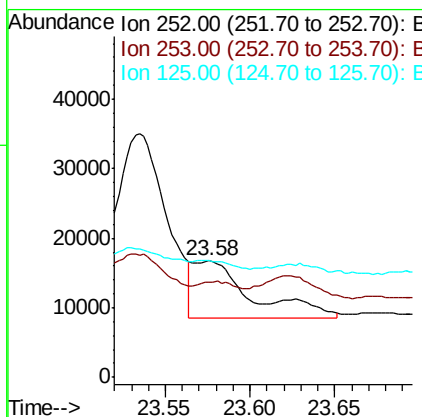
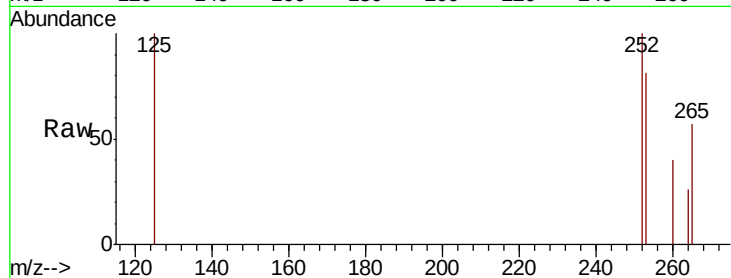
#22
Benzo(k)fluoranthene
Concen: 3.206 ng/ul m
RT: 23.58 min Scan# 5933
Delta R.T. 0.04 min
Lab File: BM027814.D
Acq: 17 Nov 2020 11:26

Instrument :
BNA_M
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
252	100		
253	81.7	20.4	30.6#
125	100.4	7.0	10.4#

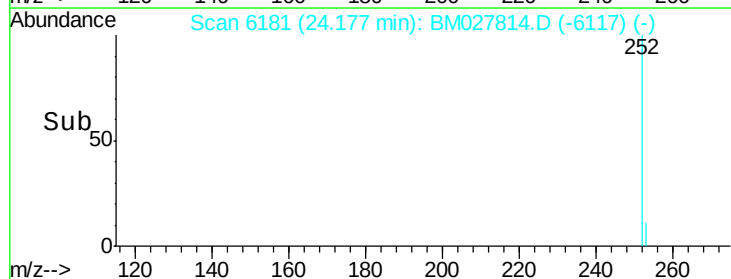
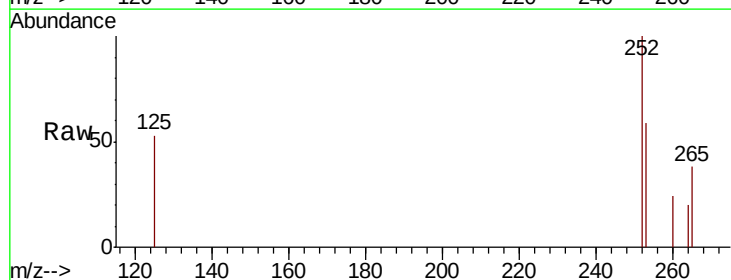
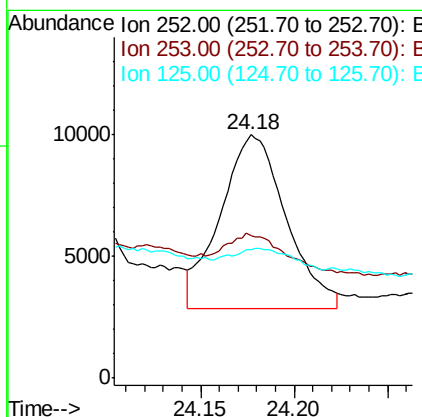
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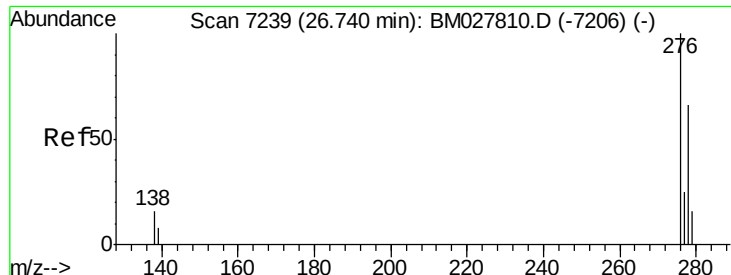
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#23
Benzo(a)pyrene
Concen: 3.148 ng/ul m
RT: 24.18 min Scan# 6181
Delta R.T. 0.06 min
Lab File: BM027814.D
Acq: 17 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.7	21.0	31.6#
125	52.5	7.8	11.8#





#24

Indeno(1,2,3-cd)pyrene

Concen: 1.004 ng/ul

RT: 26.83 min Scan# 7276

Delta R.T. 0.09 min

Lab File: BM027814.D

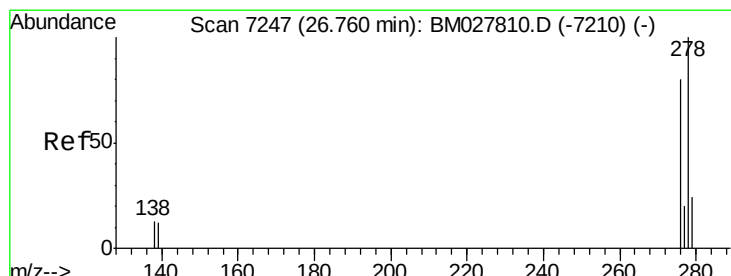
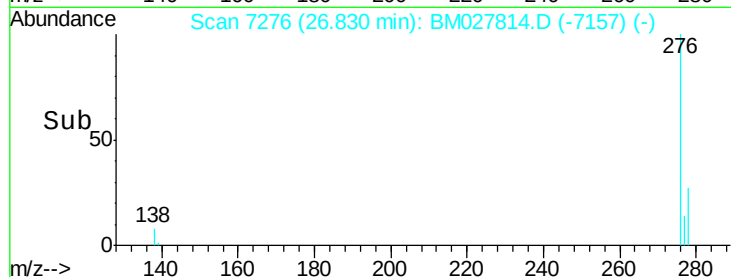
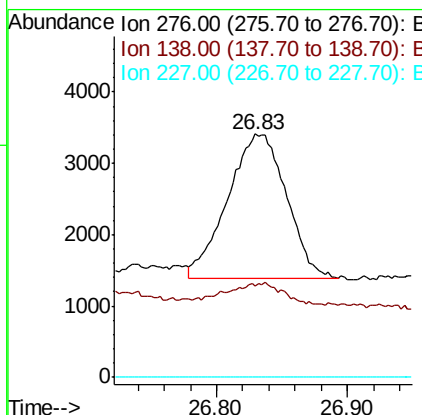
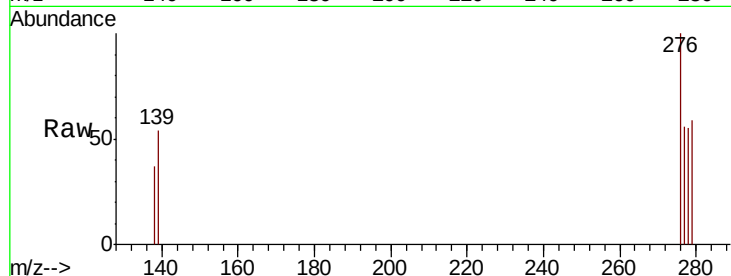
Acq: 17 Nov 2020 11:26

Instrument :
BNA_M
ClientSampleId :
C0AC4

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.5	12.1	18.1
227	0.0	0.0	0.0

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:46 AM



#25

Dibenzo(a,h)anthracene

Concen: 0.839 ng/ul m

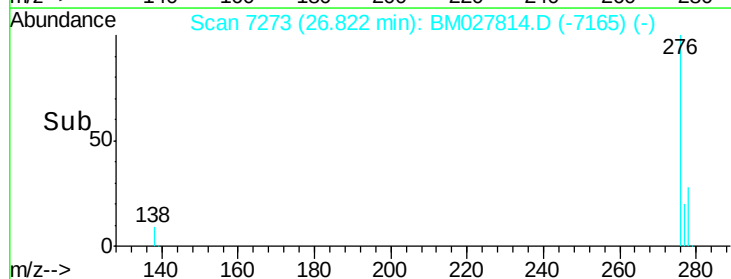
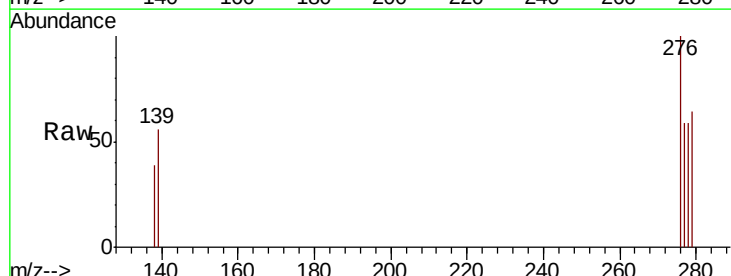
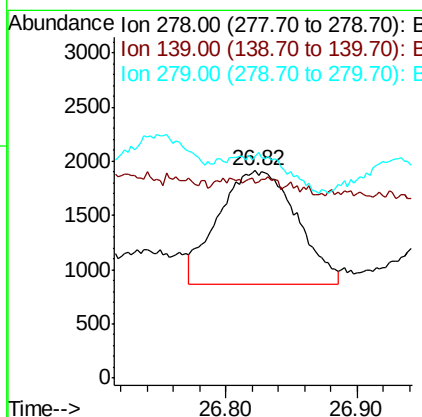
RT: 26.82 min Scan# 7273

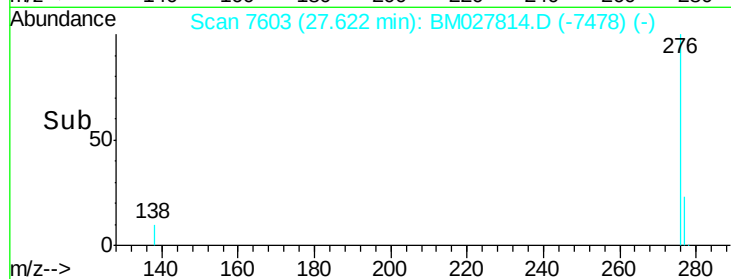
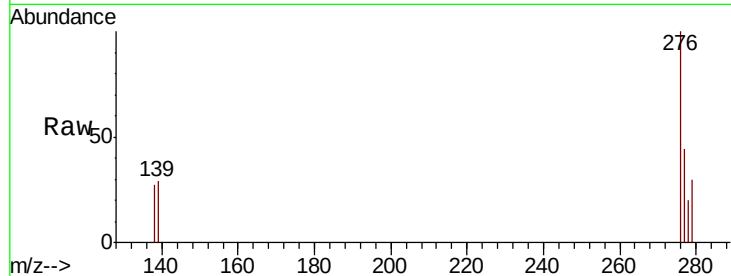
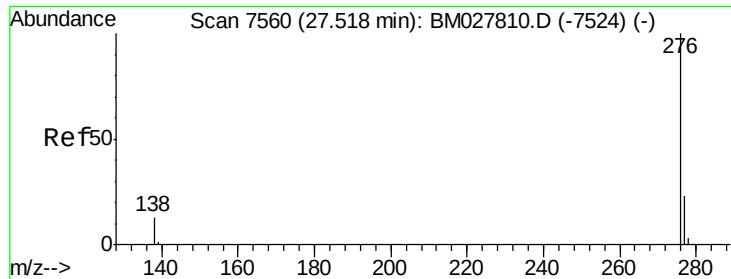
Delta R.T. 0.06 min

Lab File: BM027814.D

Acq: 17 Nov 2020 11:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	94.2	10.2	15.4#
279	107.2	21.9	32.9#





#26
Benzo(a,h,i)perylene
Concen: 2.389 ng/ul
RT: 27.62 min Scan# 7603
Delta R.T. 0.10 min
Lab File: BM027814.D
Acq: 17 Nov 2020 11:26

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.8	12.8	19.2#
277	44.4	21.5	32.3#

Instrument :
BNA_M
ClientSampleId :
C0AC4

Manual Integrations
APPROVED

mohammad
11/19/2020 10:32:46 AM

