Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027890.D
Acq On : 21 Nov 2020 20:32
Operator : JU/CG
Sample : L4711-22
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B08

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Quant Time: Nov 23 04:40:01 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	797	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3239	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1979	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4036	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2533	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2017	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	396	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	855	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	297	0.031	ng/ul#	55
7) Acenaphthylene	14.67	152	285	0.030	ng/ul#	55
8) Acenaphthene	15.01	153	474	0.066	ng/ul	92
9) Fluorene	15.98	166	550	0.066	ng/ul#	95
11) Pentachlorophenol	17.31	266	270	0.196	ng/ul	97
12) Phenanthrene	17.70	178	25496	2.000	ng/ul	97
13) Anthracene	17.79	178	2787	0.227	ng/ul	97
15) Fluoranthene	19.68	202	64321	4.550	ng/ul	100
17) Pyrene	20.04	202	51567	4.009	ng/ul	99
18) Benzo(a)anthracene	21.75	228	18086	1.770	ng/ul	99
19) Chrysene	21.80	228	21773	2.187	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	23243m	2.742	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	8685m	1.046	ng/ul	
23) Benzo(a)pyrene	24.08	252	14450	1.950	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	26.68	276	10684	1.331	ng/ul#	96
25) Dibenzo(a,h)anthracene	26.68	278	2519	0.377	ng/ul#	74
26) Benzo(g,h,i)perylene	27.45	276	9561	1.420	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027890.D
Acq On : 21 Nov 2020 20:32
Operator : JU/CG
Sample : L4711-22
Misc :
ALS Vial : 44 Sample Multiplier: 1

Quant Time: Nov 23 04:40:01 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 23 04:04:52 2020
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Instrument :
BNA_M
ClientSampleId :
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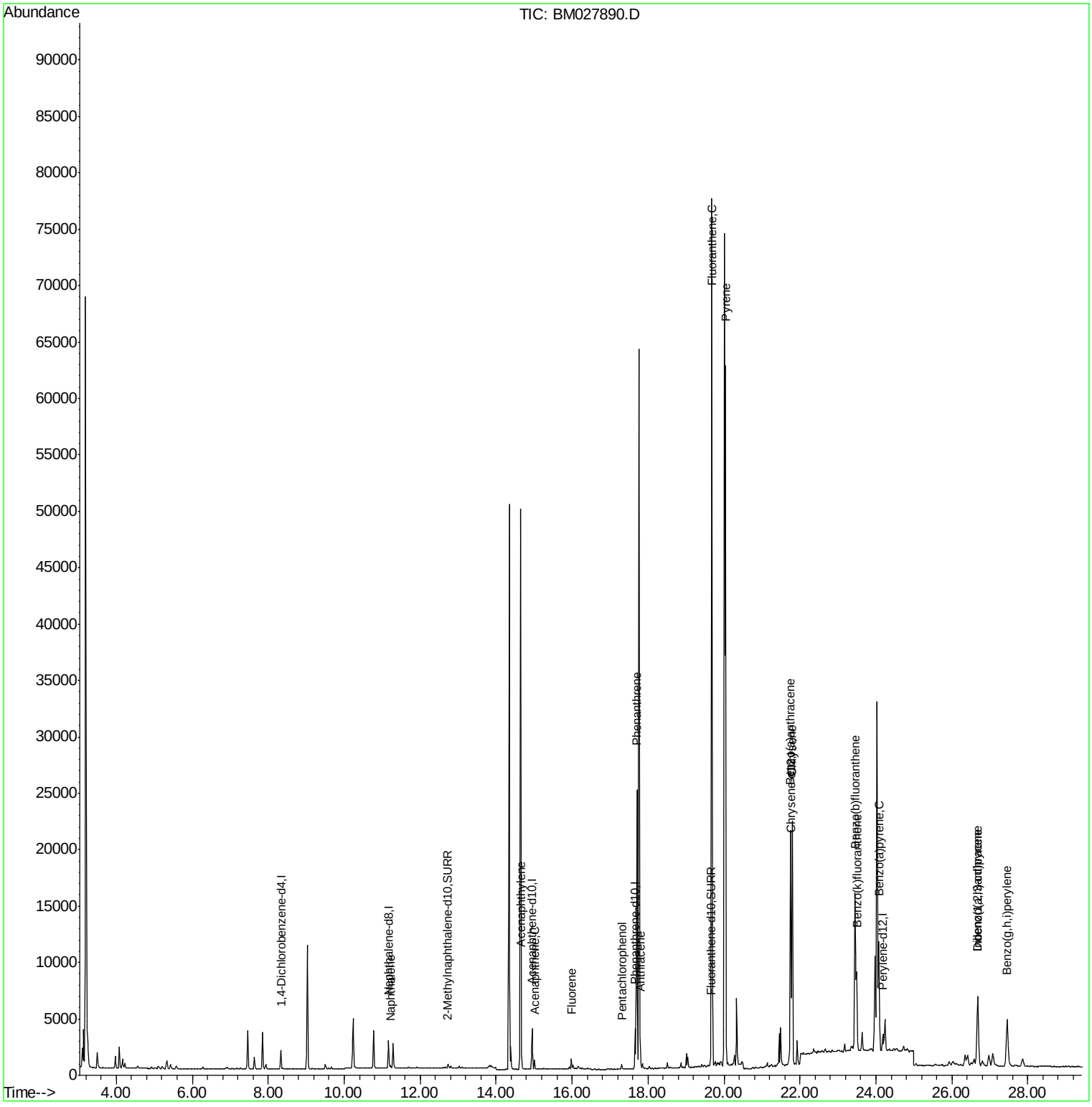

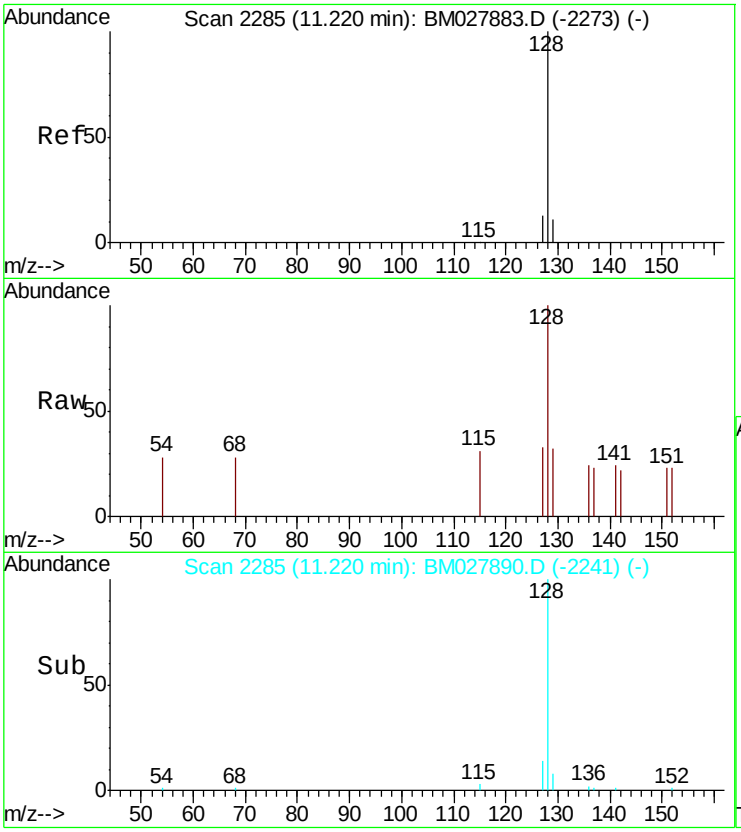

#3
Naphthalene
Concen: 0.031 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:128 Resp: 297

Ion	Ratio	Lower	Upper
128	100		
129	31.5	10.4	15.6#
127	33.3	12.0	18.0#

Instrument :
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ClientSampleId :
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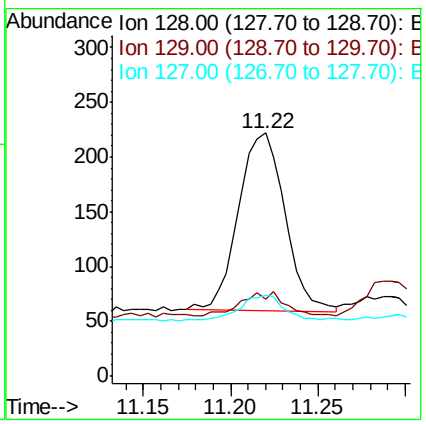
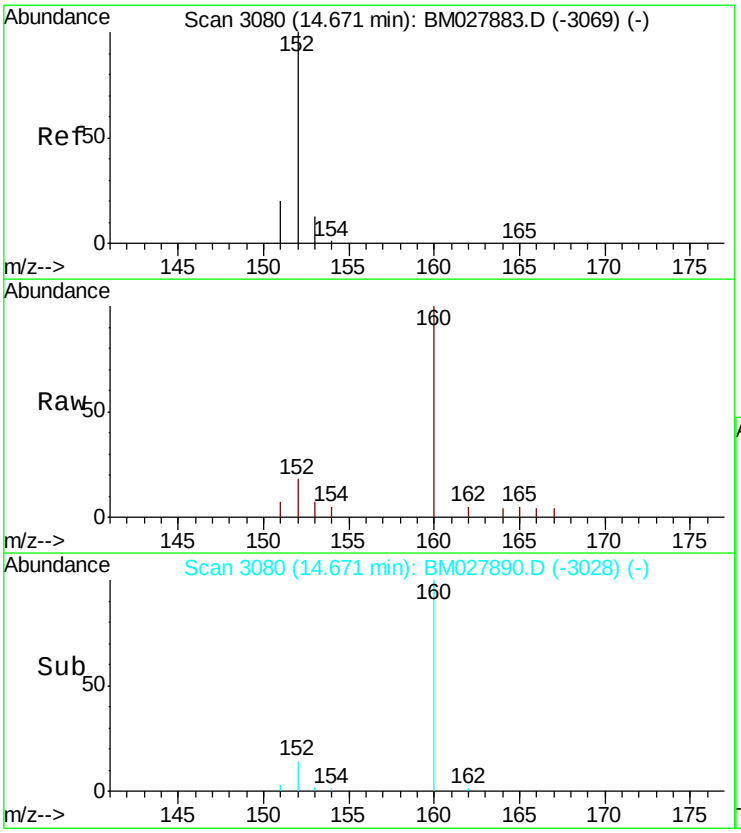
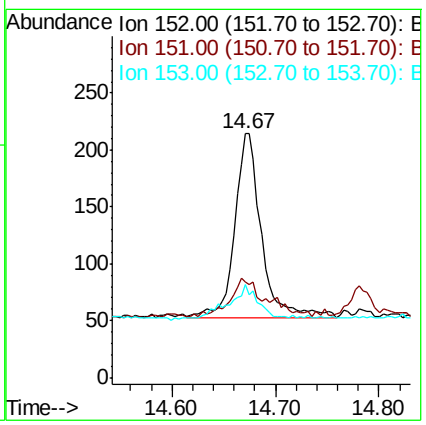


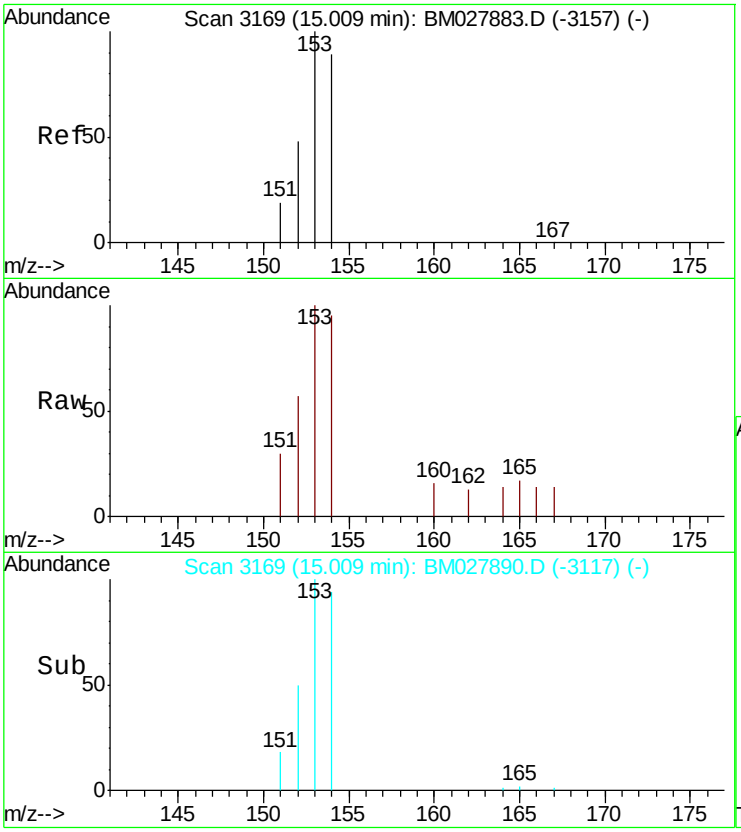


#7
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.67 min Scan# 3080
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:152 Resp: 285

Ion	Ratio	Lower	Upper
152	100		
151	39.3	17.1	25.7#
153	38.3	12.0	18.0#

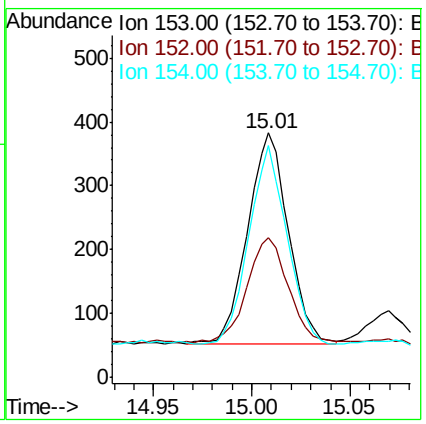




#8
Acenaphthene
Concen: 0.066 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:153 Resp: 474

Ion	Ratio	Lower	Upper
153	100		
152	57.2	39.0	58.6
154	94.8	71.6	107.4



Instrument :
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ClientSampleId :
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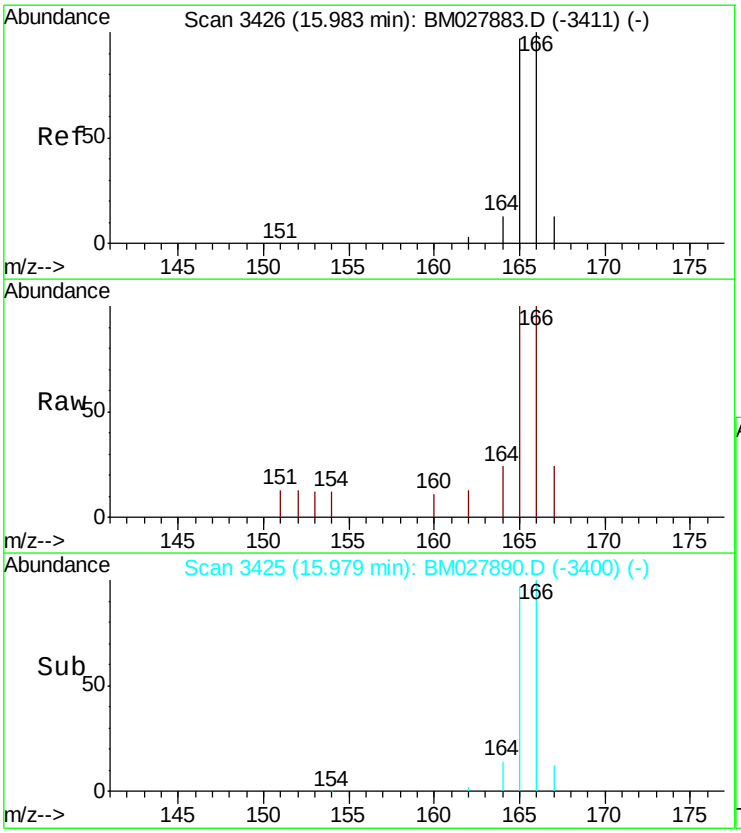
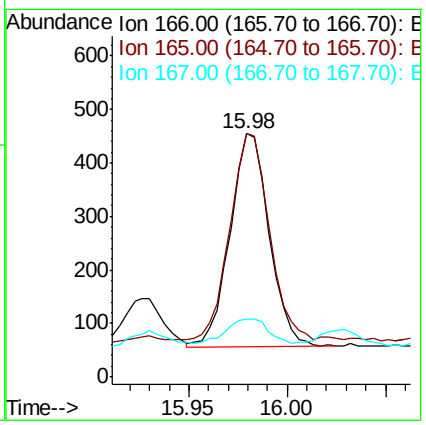
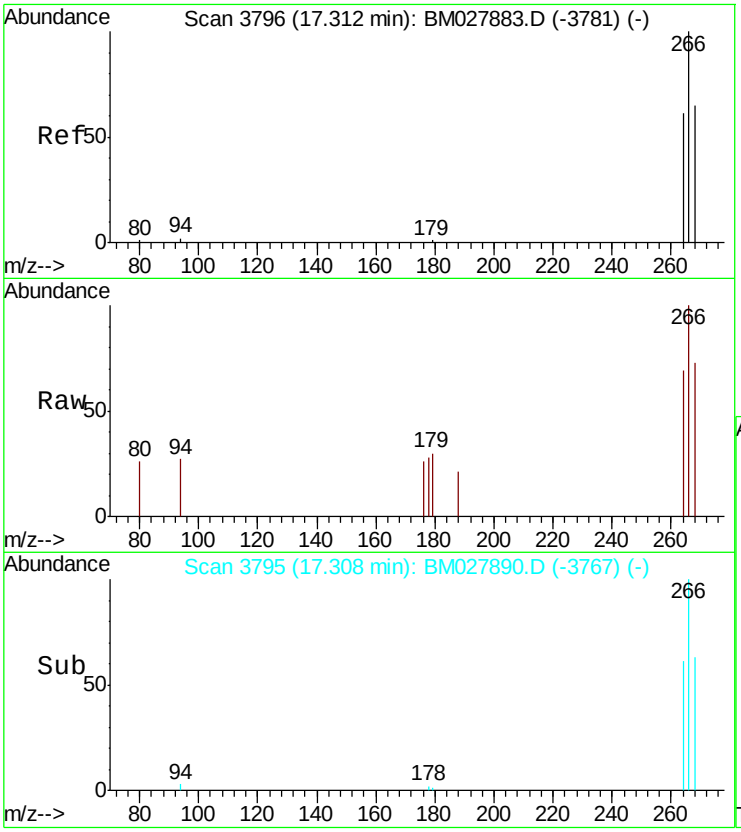


#9
Fluorene
Concen: 0.066 ng/ul
RT: 15.98 min Scan# 3425
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:166 Resp: 550

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.1	117.1
167	24.0	11.8	17.8#

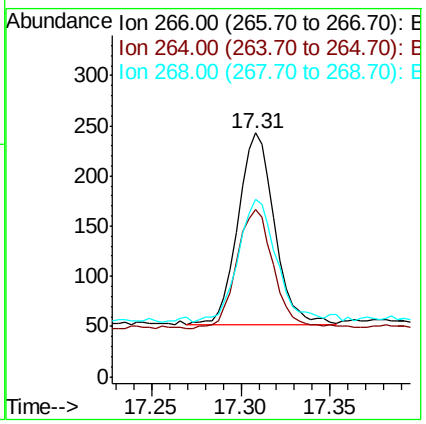




#11
Pentachlorophenol
Concen: 0.196 ng/ul
RT: 17.31 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:266 Resp: 270

Ion	Ratio	Lower	Upper
266	100		
264	63.7	49.6	74.4
268	68.1	52.1	78.1



Instrument :
BNA_M
ClientSampleId :
C0B08

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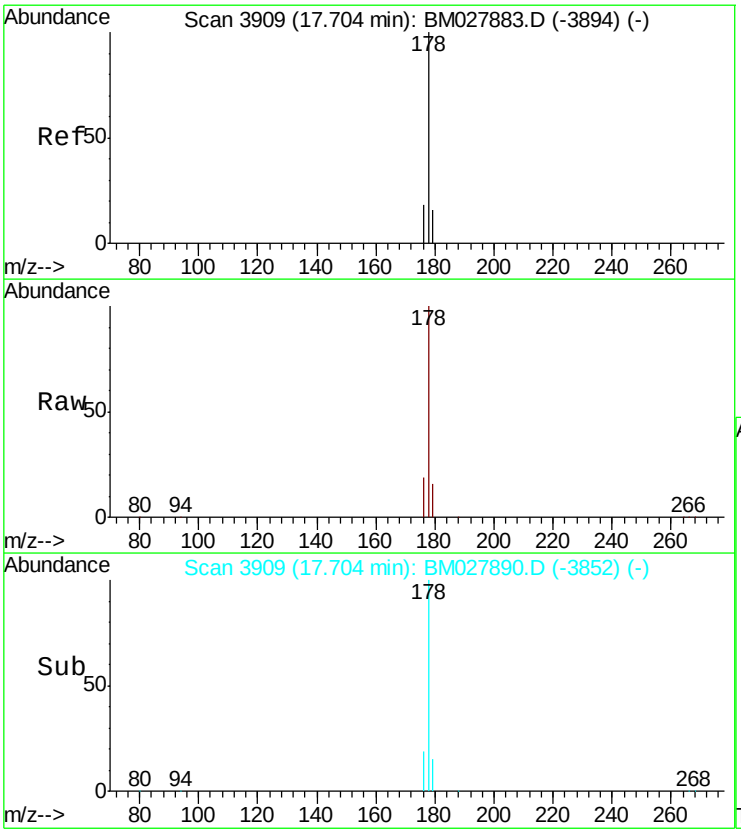
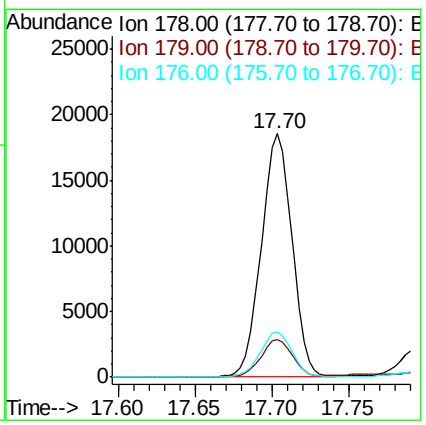
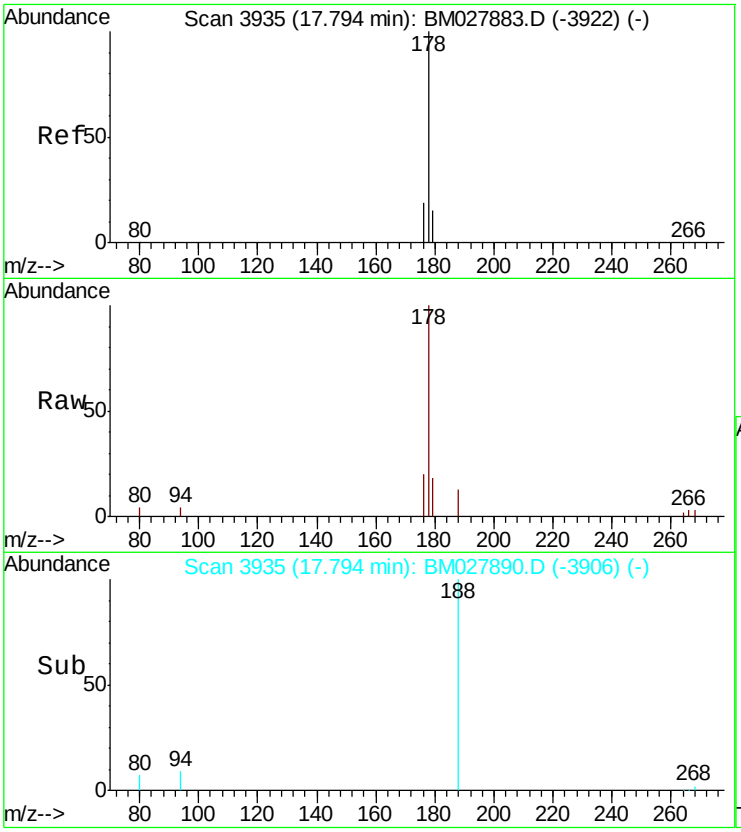


#12
Phenanthrene
Concen: 2.000 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:178 Resp: 25496

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.6	20.4
176	18.8	16.1	24.1

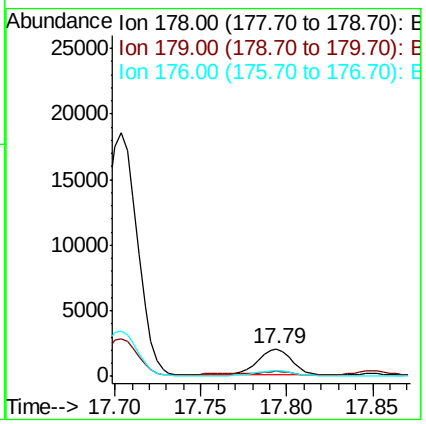




#13
Anthracene
Concen: 0.227 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:178 Resp: 2787

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.4	20.2
176	20.4	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
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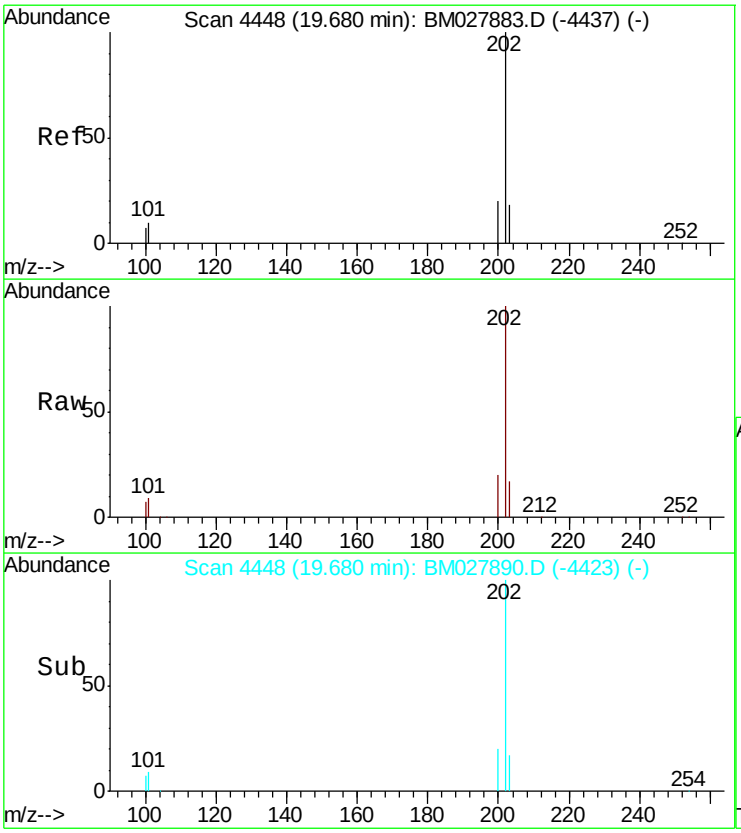
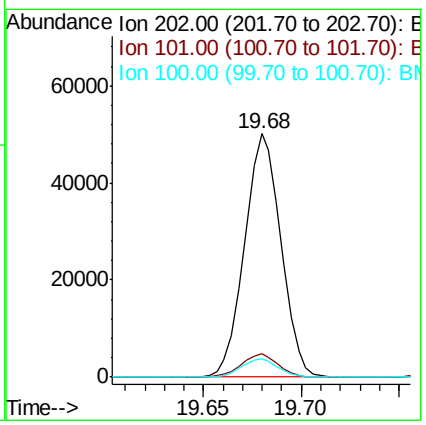
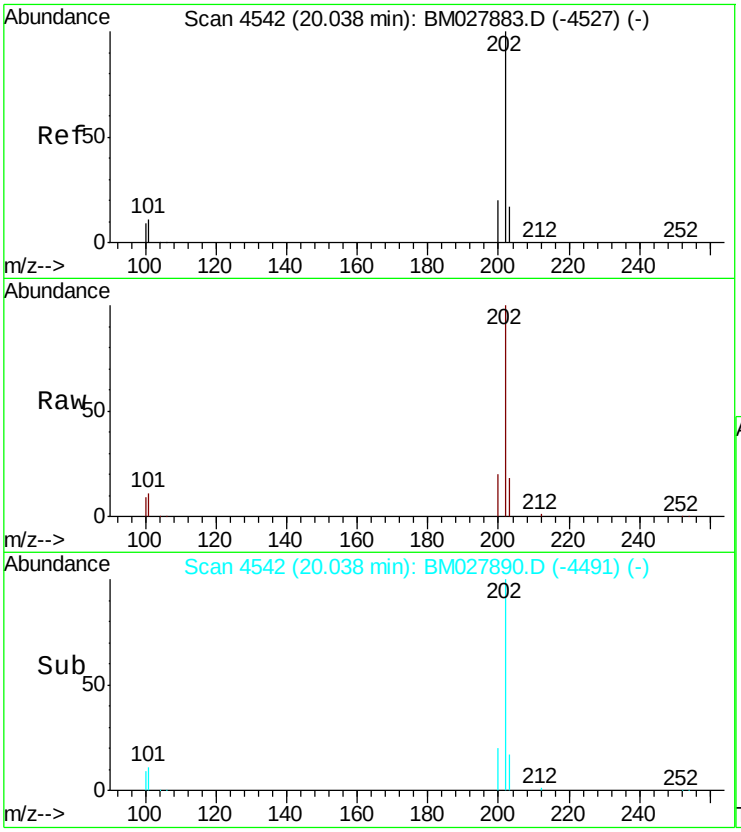


#15
Fluoranthene
Concen: 4.550 ng/ul
RT: 19.68 min Scan# 4448
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:202 Resp: 64321

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.3
100	7.4	0.0	27.4





#17
Pyrene
Concen: 4.009 ng/ul
RT: 20.04 min Scan# 4542
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:202 Resp: 51567

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.2
100	8.9	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
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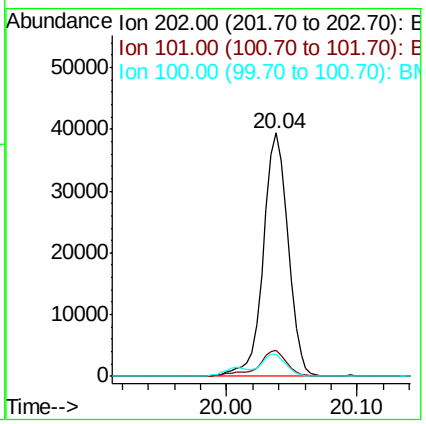
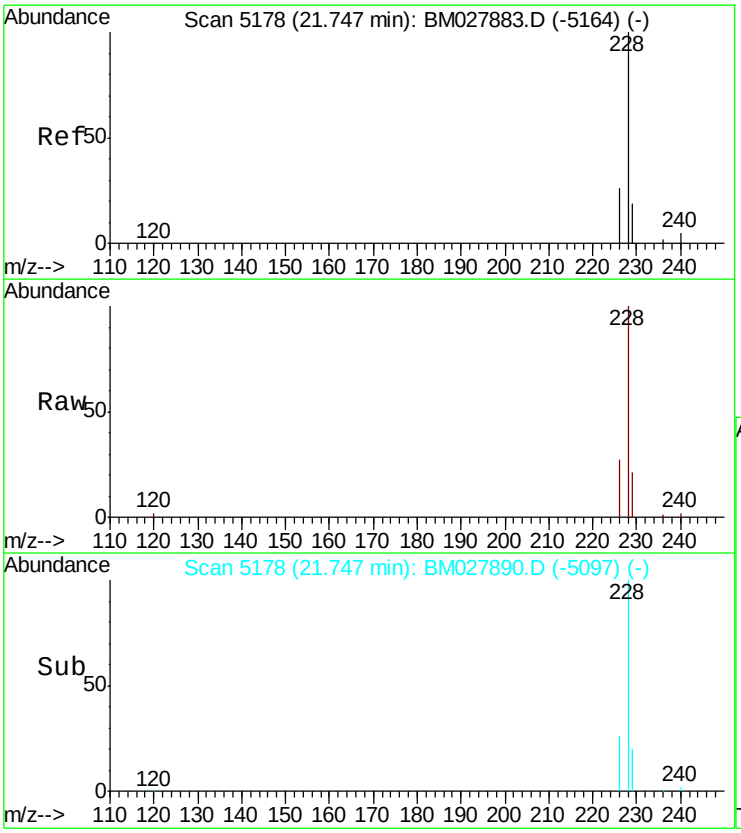
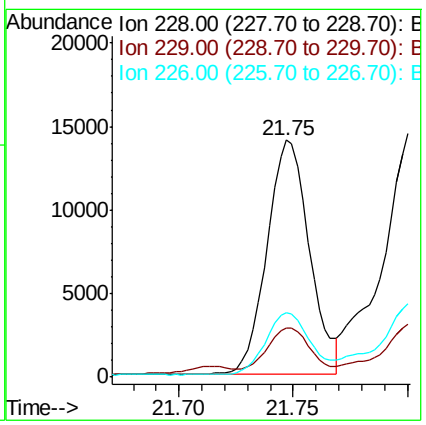


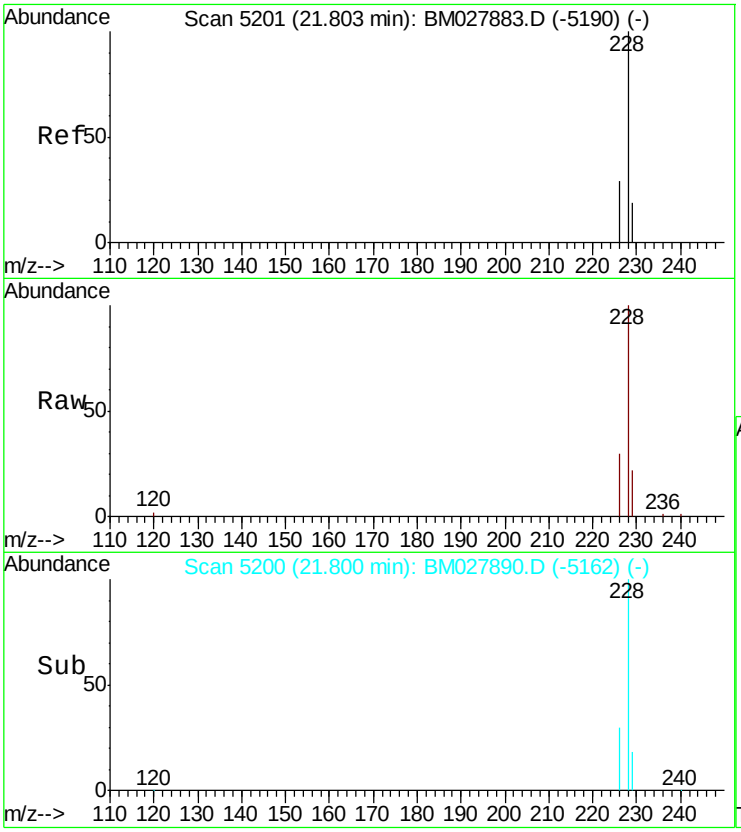


#18
Benzo(a)anthracene
Concen: 1.770 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:228 Resp: 18086

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.4
226	27.1	21.5	32.3

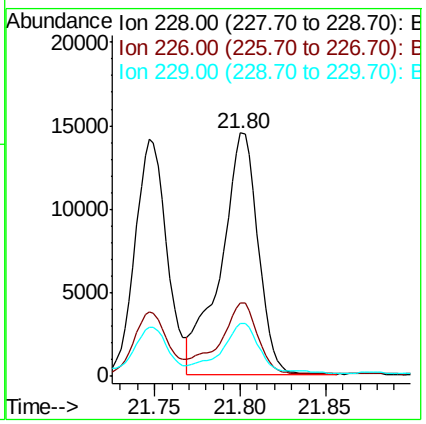




#19
Chrysene
Concen: 2.187 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.01 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:228 Resp: 21773

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.5	16.6	24.8



Instrument :
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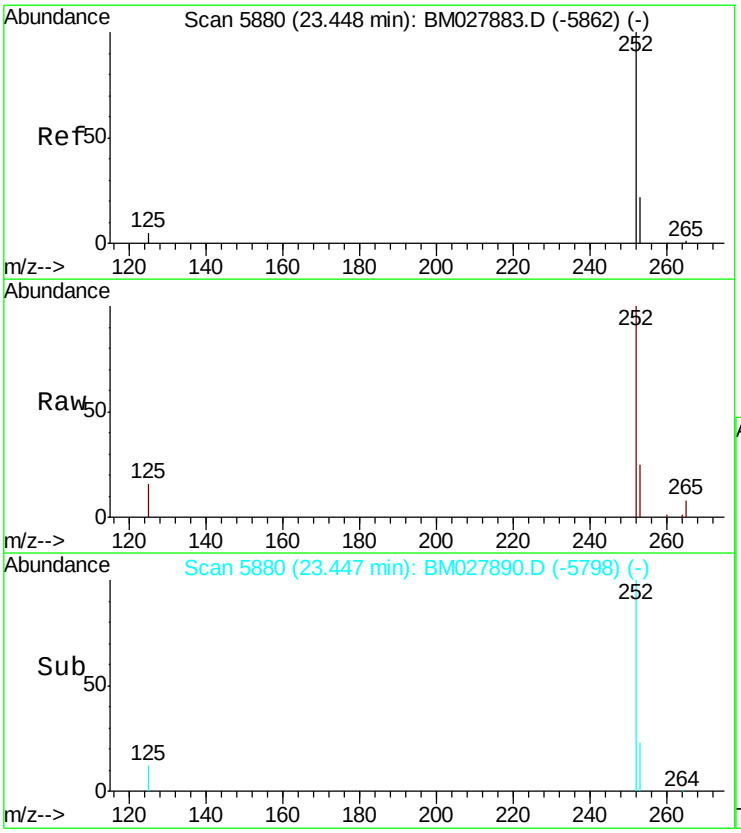
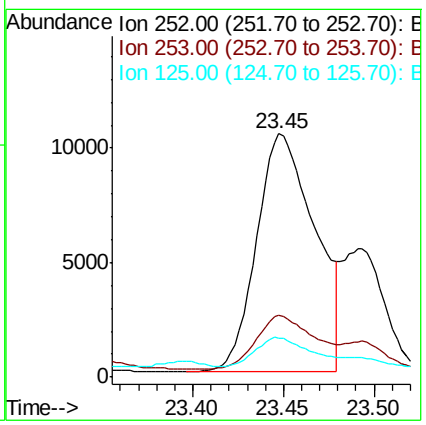
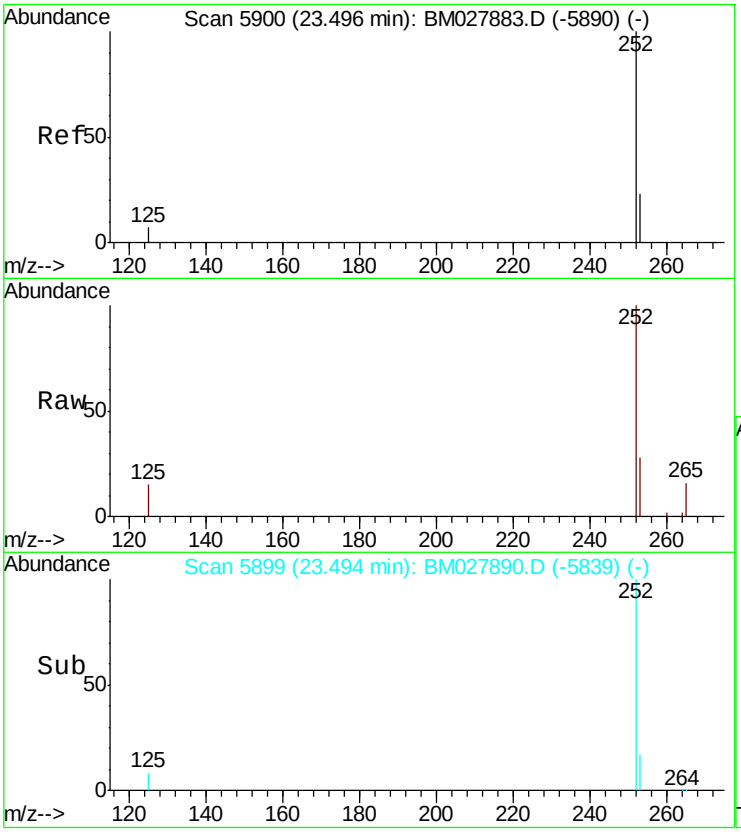


#21
Benzo(b)fluoranthene
Concen: 2.742 ng/ul m
RT: 23.45 min Scan# 5880
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:252 Resp: 23243

Ion	Ratio	Lower	Upper
252	100		
253	25.2	0.0	59.6
125	16.2	0.0	28.4

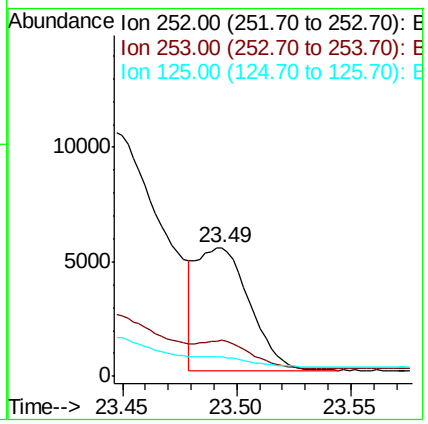




#22
Benzo(k)fluoranthene
Concen: 1.046 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:252 Resp: 8685

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.2	34.8
125	15.2	11.8	17.6



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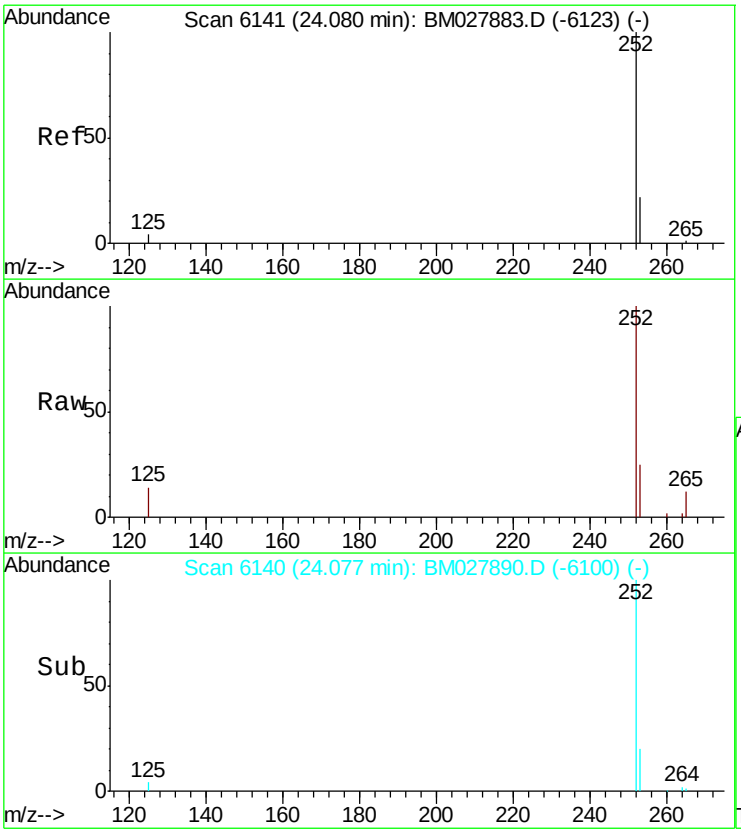
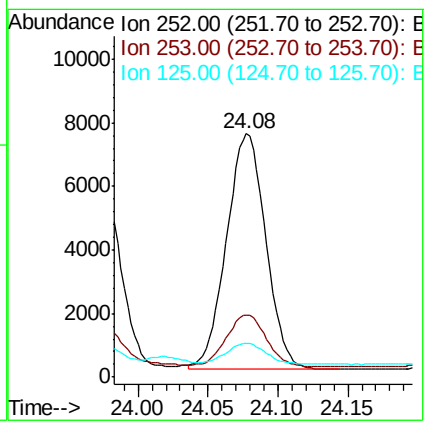
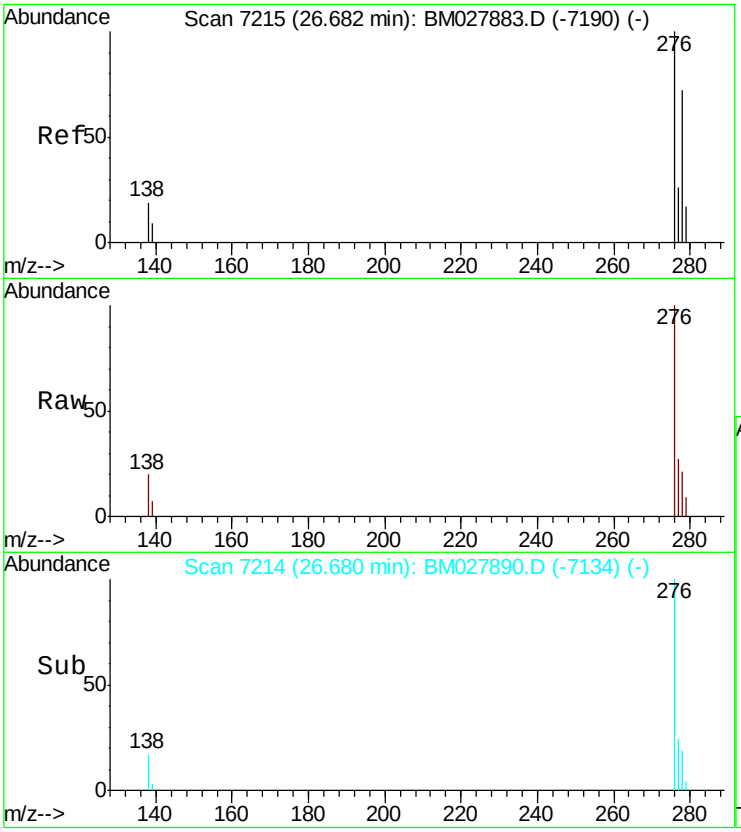


#23
Benzo(a)pyrene
Concen: 1.950 ng/ul
RT: 24.08 min Scan# 6140
Delta R.T. -0.00 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:252 Resp: 14450

Ion	Ratio	Lower	Upper
252	100		
253	25.5	25.2	37.8
125	13.8	13.8	20.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.331 ng/ul
RT: 26.68 min Scan# 7214
Delta R.T. -0.01 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:276 Resp: 10684

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.7	23.5
227	0.0	0.0	0.0

Instrument :
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ClientSampleId :
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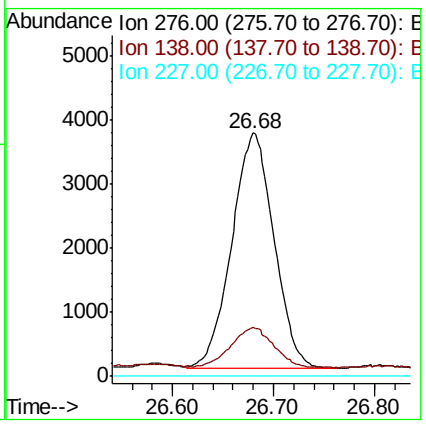
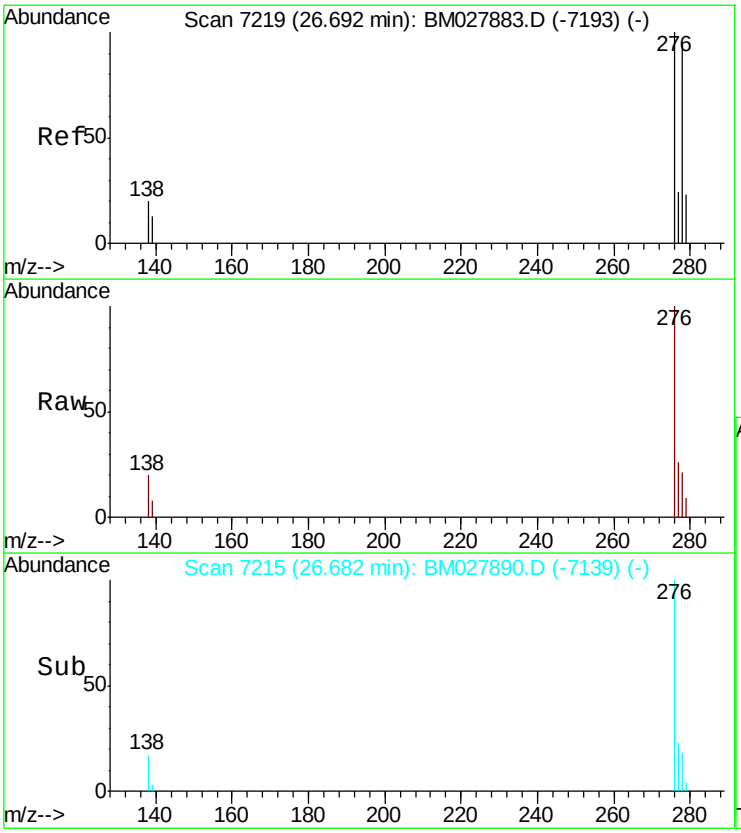
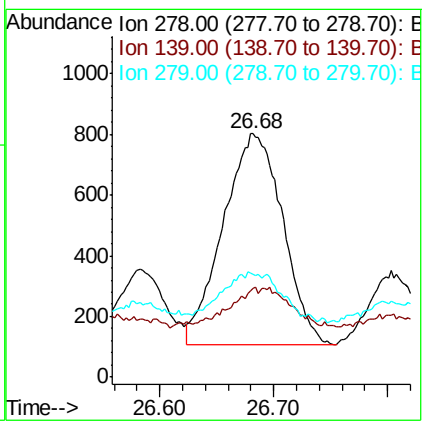


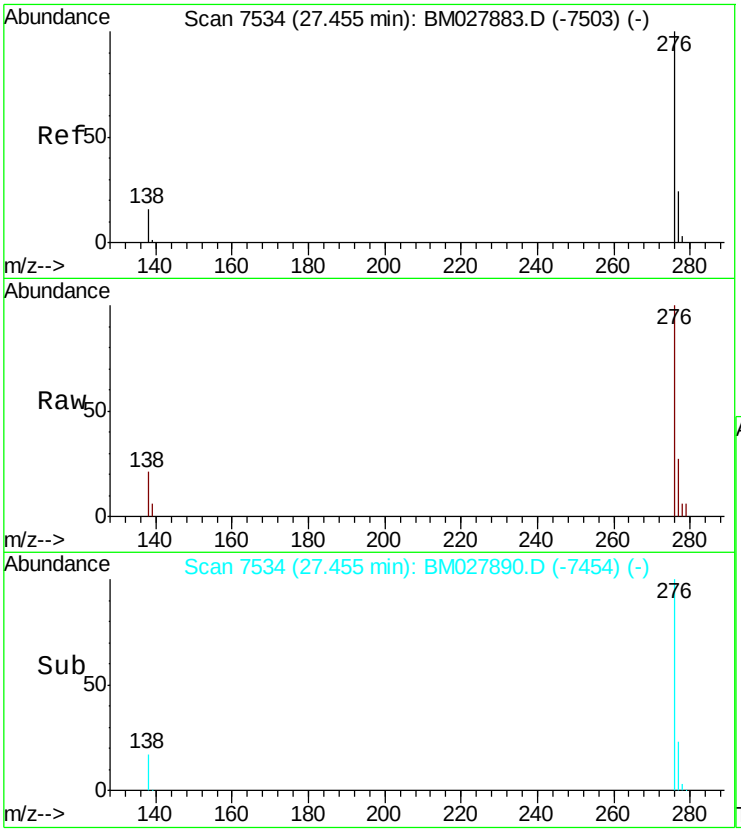


#25
Dibenzo(a,h)anthracene
Concen: 0.377 ng/ul
RT: 26.68 min Scan# 7215
Delta R.T. -0.02 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:278 Resp: 2519

Ion	Ratio	Lower	Upper
278	100		
139	36.2	14.8	22.2#
279	42.3	25.8	38.6#

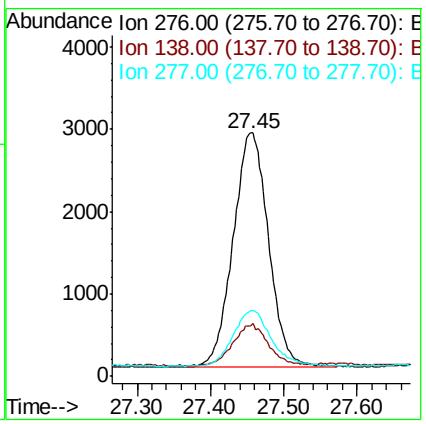




#26
Benzo(g,h,i)perylene
Concen: 1.420 ng/ul
RT: 27.45 min Scan# 7534
Delta R.T. -0.01 min
Lab File: BM027890.D
Acq: 21 Nov 2020 20:32

Tgt Ion:276 Resp: 9561

Ion	Ratio	Lower	Upper
276	100		
138	20.7	17.4	26.2
277	27.0	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B08

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:07 AM