Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027864.D
Acq On : 20 Nov 2020 22:14
Operator : JU/CG
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AY3

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:46 AM

Quant Time: Nov 21 12:16:09 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	956	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3868	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2467	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4994m	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3510	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2386	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1338	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2962	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	1269	0.109	ng/ul#	92
5) 2-Methylnaphthalene	12.81	142	1126	0.143	ng/ul	99
7) Acenaphthylene	14.68	152	490	0.041	ng/ul#	69
8) Acenaphthene	15.01	153	516	0.057	ng/ul	95
9) Fluorene	15.98	166	610	0.058	ng/ul#	94
11) Pentachlorophenol	17.31	266	78m	0.046	ng/ul	
12) Phenanthrene	17.70	178	20930	1.327	ng/ul	98
13) Anthracene	17.79	178	4870	0.320	ng/ul	98
15) Fluoranthene	19.68	202	57337	3.278	ng/ul	98
17) Pyrene	20.04	202	47872	2.685	ng/ul	100
18) Benzo(a)anthracene	21.75	228	22626	1.598	ng/ul	99
19) Chrysene	21.80	228	23108	1.675	ng/ul	100
21) Benzo(b)fluoranthene	23.45	252	22036m	2.198	ng/ul	
22) Benzo(k)fluoranthene	23.49	252	6537m	0.666	ng/ul	
23) Benzo(a)pyrene	24.08	252	13261	1.513	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	26.68	276	7581	0.799	ng/ul#	97
25) Dibenzo(a,h)anthracene	26.69	278	2025	0.256	ng/ul#	76
26) Benzo(g,h,i)perylene	27.45	276	6522	0.819	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 : BM027864.D
Acq On : 20 Nov 2020 22:14
Operator : JU/CG
Sample : L4710-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 21 12:16:09 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

Instrument :
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ClientSampleId :
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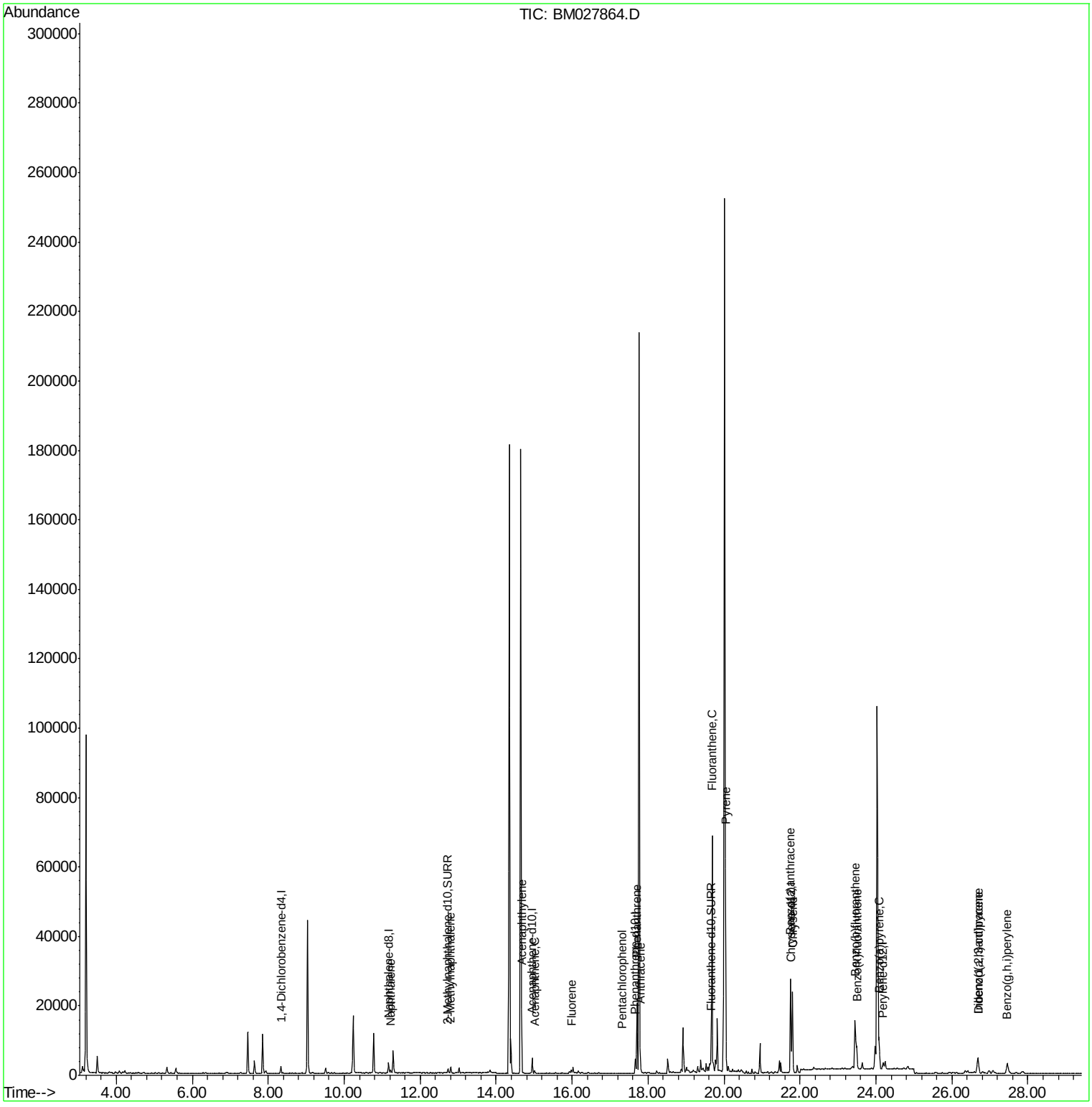

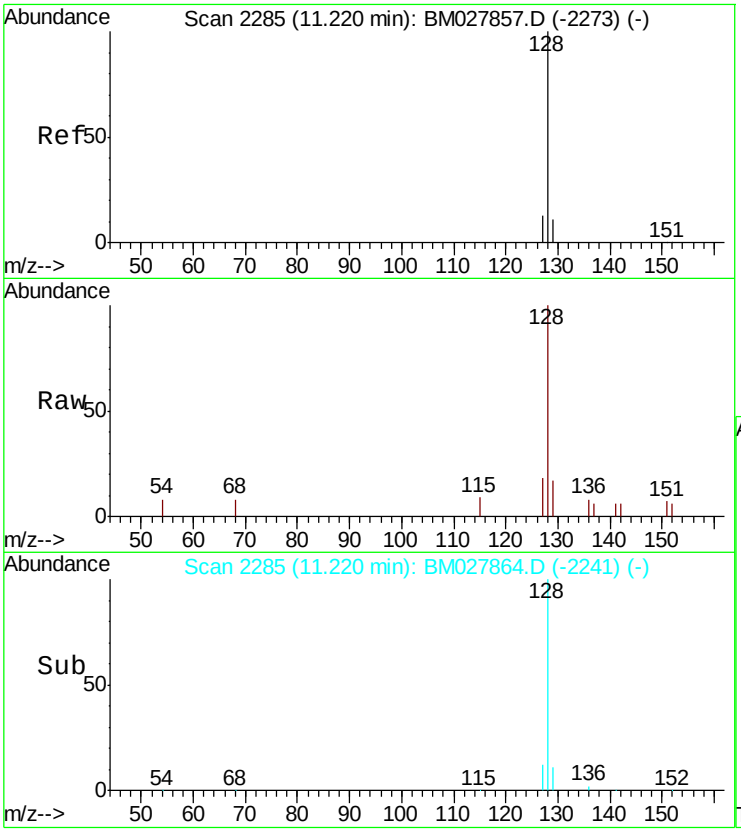

#3
Naphthalene
Concen: 0.109 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:128 Resp: 1269

Ion	Ratio	Lower	Upper
128	100		
129	17.1	10.4	15.6#
127	17.7	12.0	18.0

Instrument :
BNA_M
ClientSampleId :
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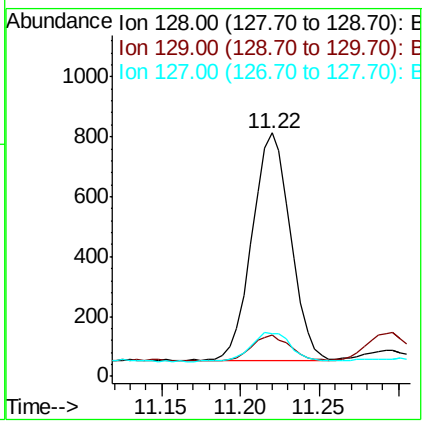
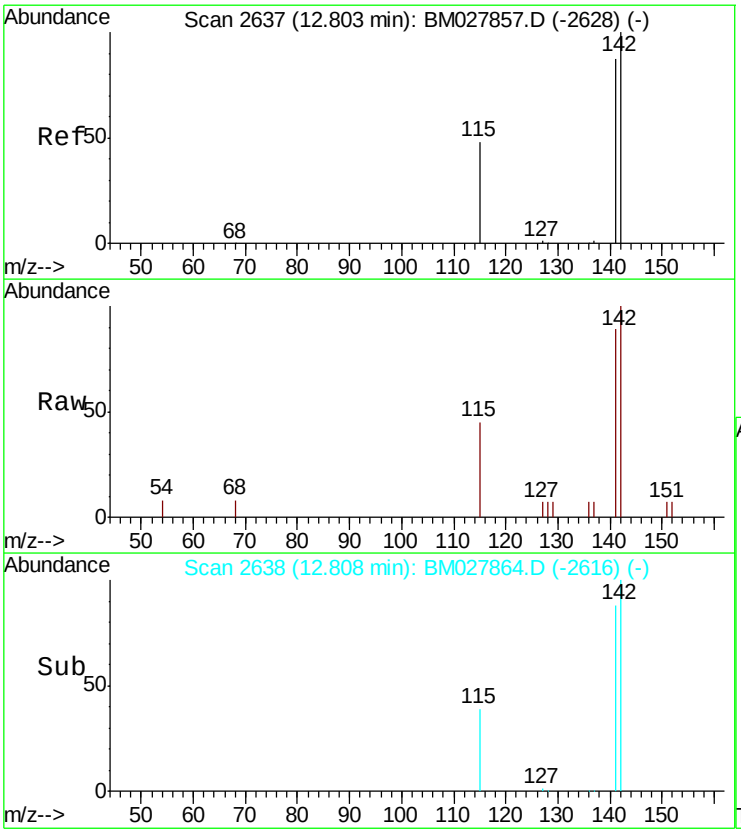
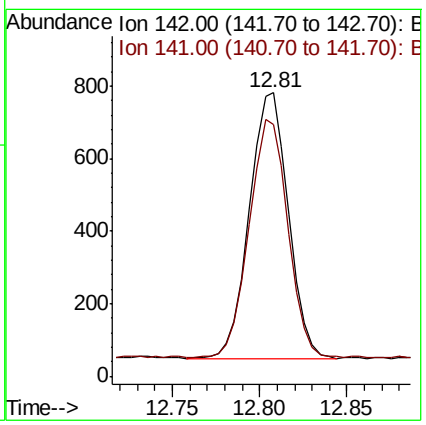


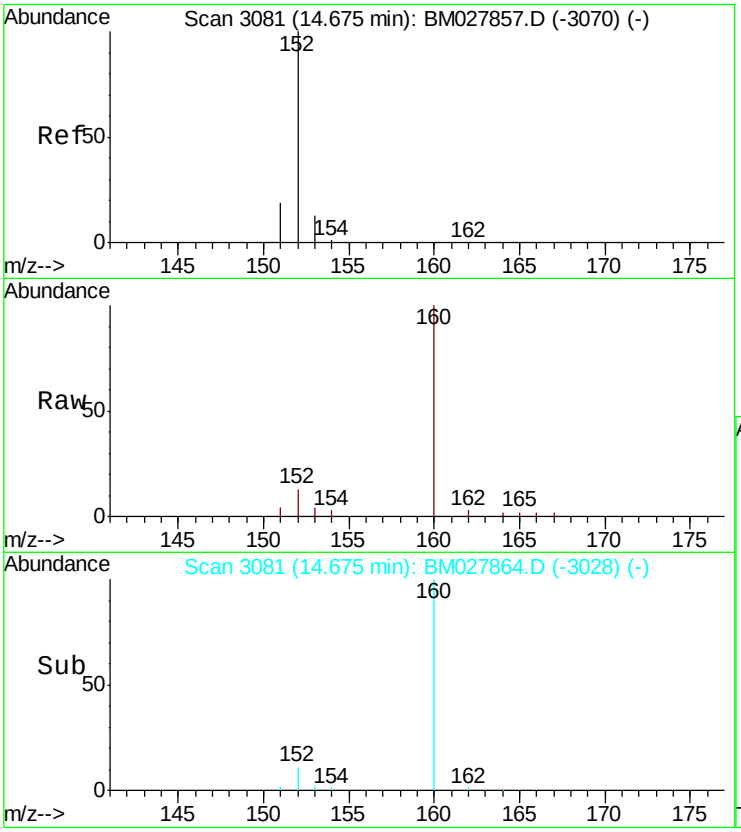


#5
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.81 min Scan# 2638
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:142 Resp: 1126

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.6	107.4

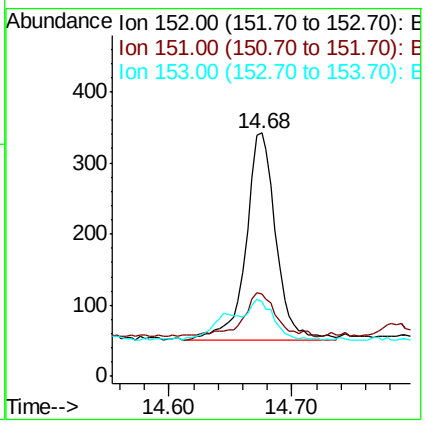




#7
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.68 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:152 Resp: 490

Ion	Ratio	Lower	Upper
152	100		
151	33.9	17.1	25.7#
153	30.7	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
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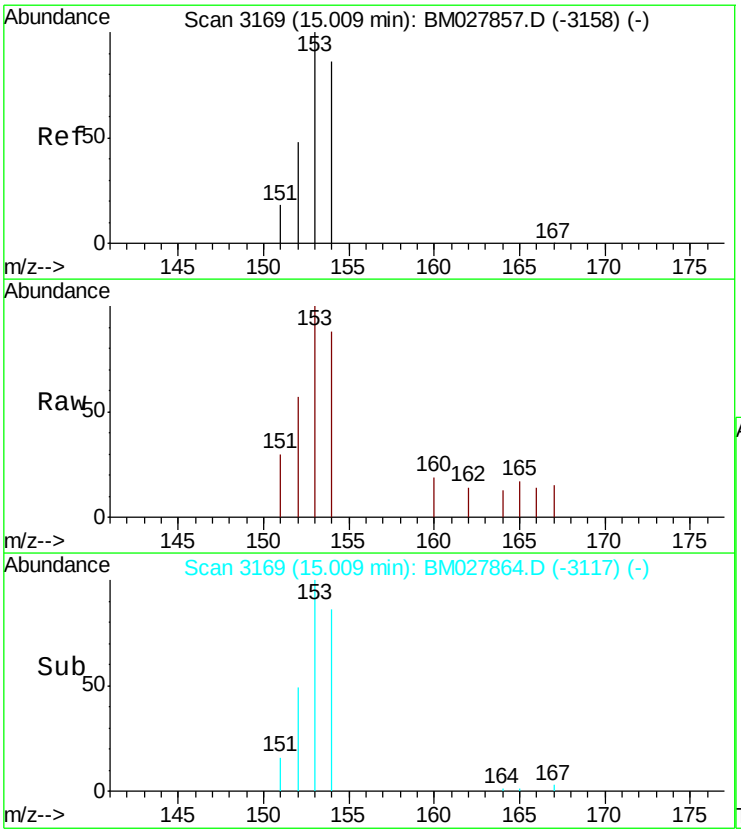
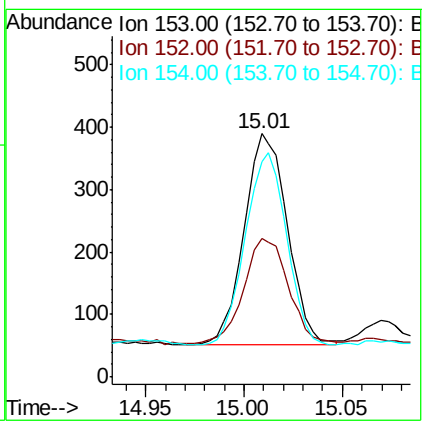
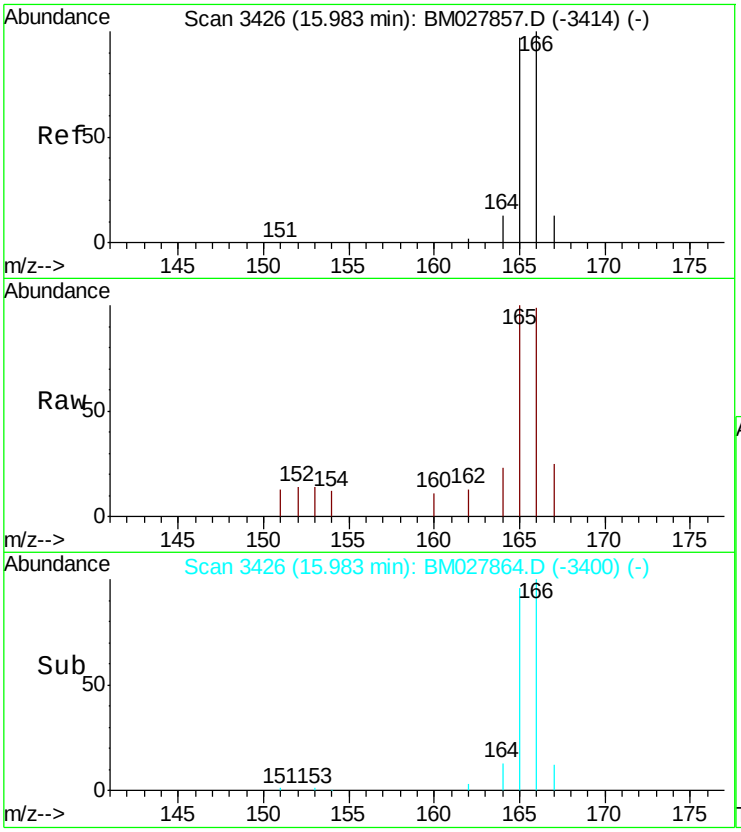


#8
Acenaphthene
Concen: 0.057 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:153 Resp: 516

Ion	Ratio	Lower	Upper
153	100		
152	56.9	39.0	58.6
154	88.2	71.6	107.4

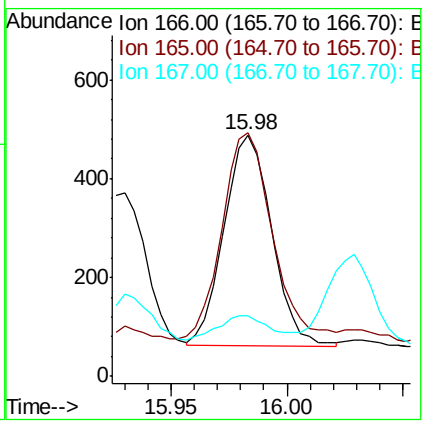




#9
Fluorene
Concen: 0.058 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:166 Resp: 610

Ion	Ratio	Lower	Upper
166	100		
165	101.0	78.1	117.1
167	25.0	11.8	17.8#



Instrument :
BNA_M
ClientSampleId :
C0AY3

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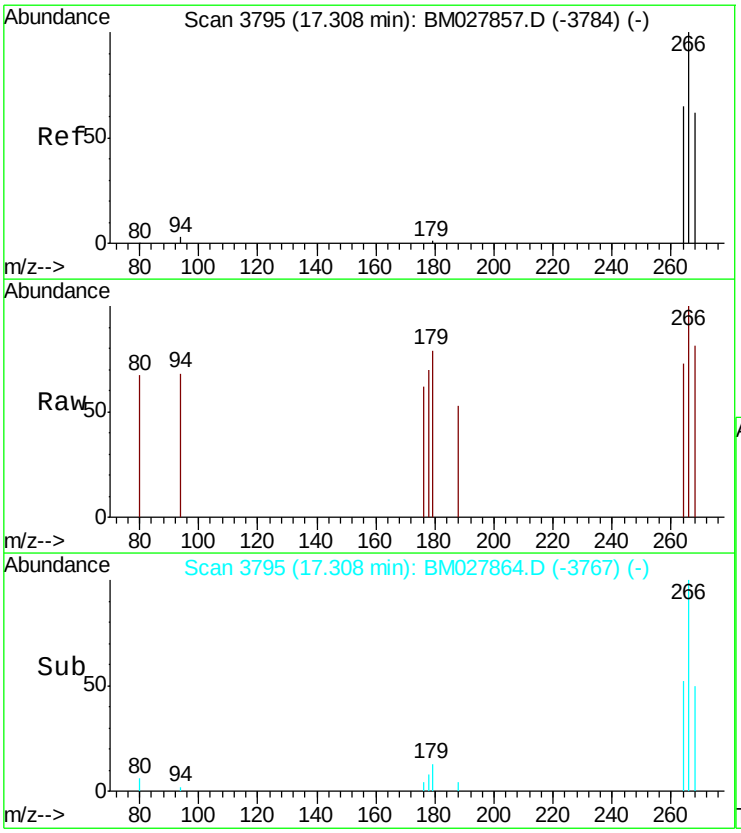
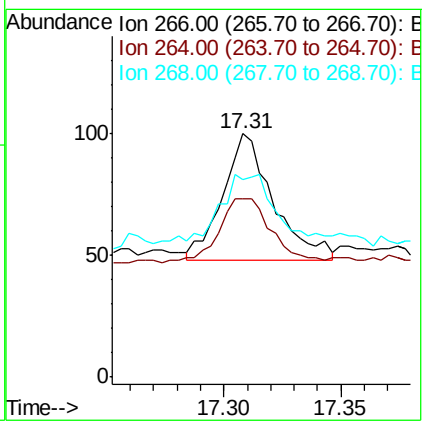
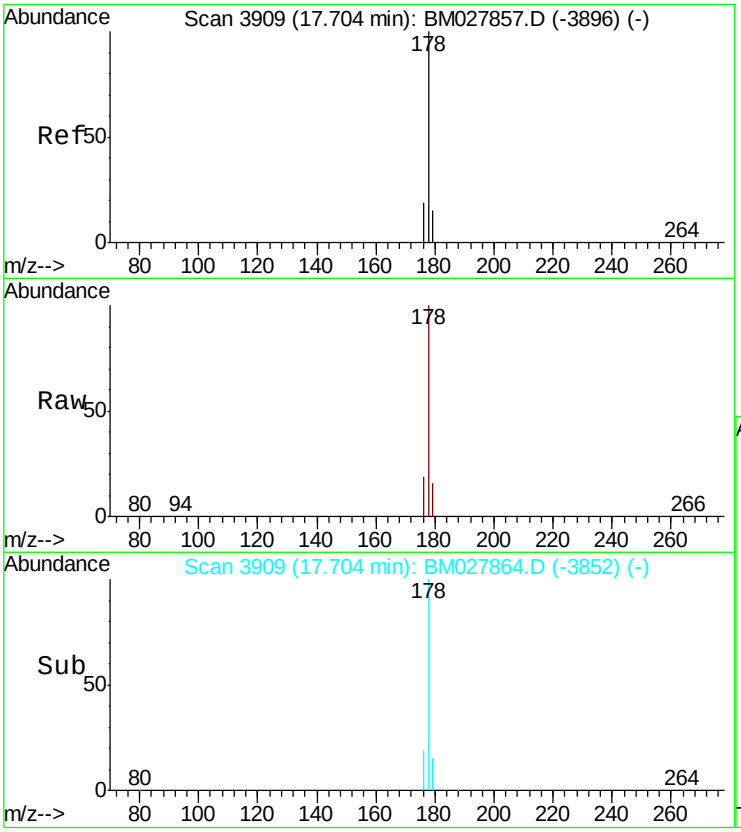


#11
Pentachlorophenol
Concen: 0.046 ng/ul m
RT: 17.31 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:266 Resp: 78

Ion	Ratio	Lower	Upper
266	100		
264	0.0	49.6	74.4#
268	0.0	52.1	78.1#

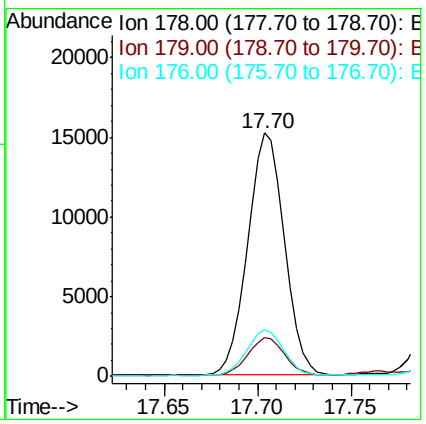




#12
Phenanthrene
Concen: 1.327 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:178 Resp: 20930

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.6	20.4
176	19.2	16.1	24.1



Instrument :
BNA_M
ClientSampleId :
C0AY3

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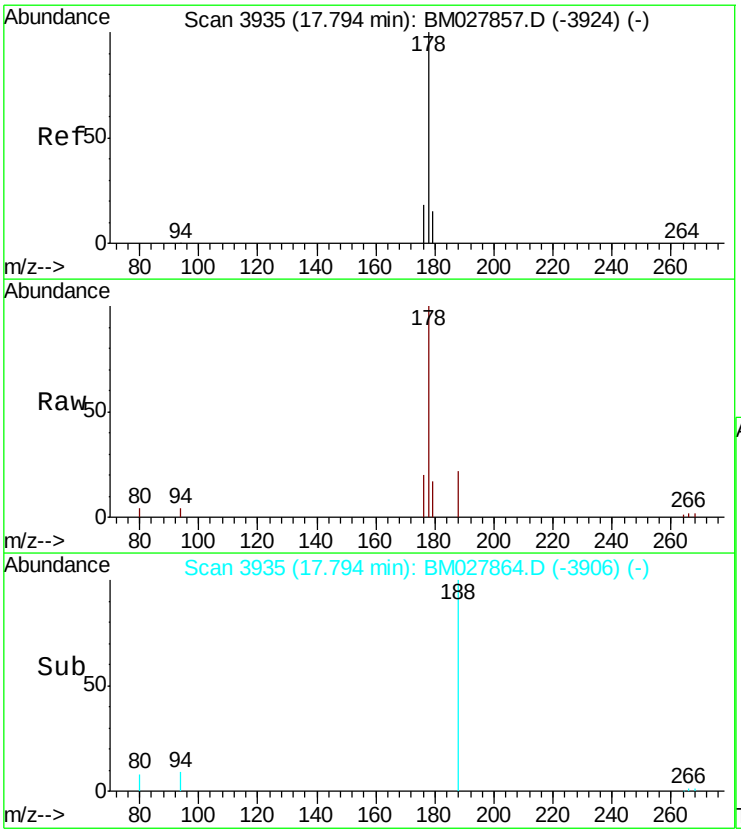
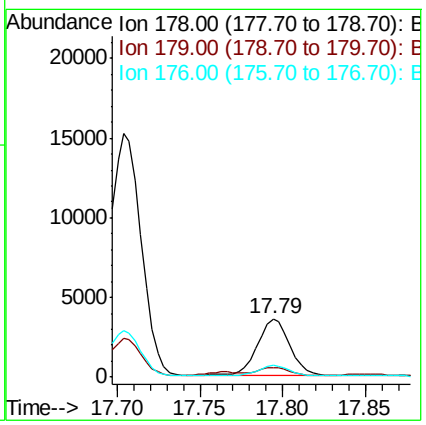
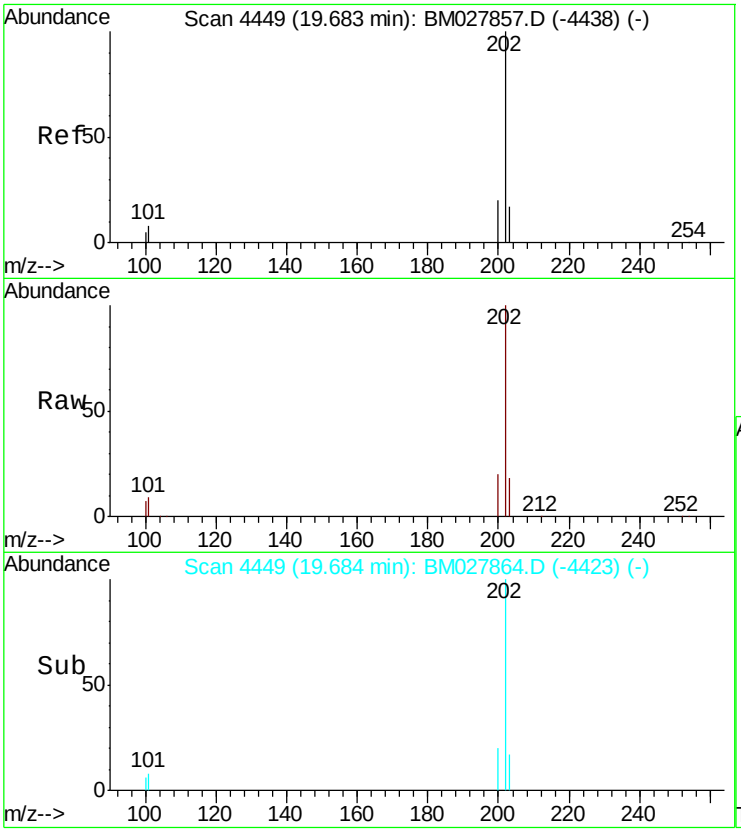


#13
Anthracene
Concen: 0.320 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:178 Resp: 4870

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.4	20.2
176	20.1	15.0	22.6

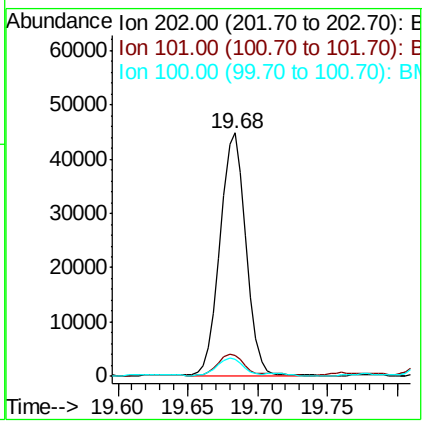




#15
Fluoranthene
Concen: 3.278 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:202 Resp: 57337

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.3
100	6.8	0.0	27.4



Instrument :
BNA_M
ClientSampleId :
C0AY3

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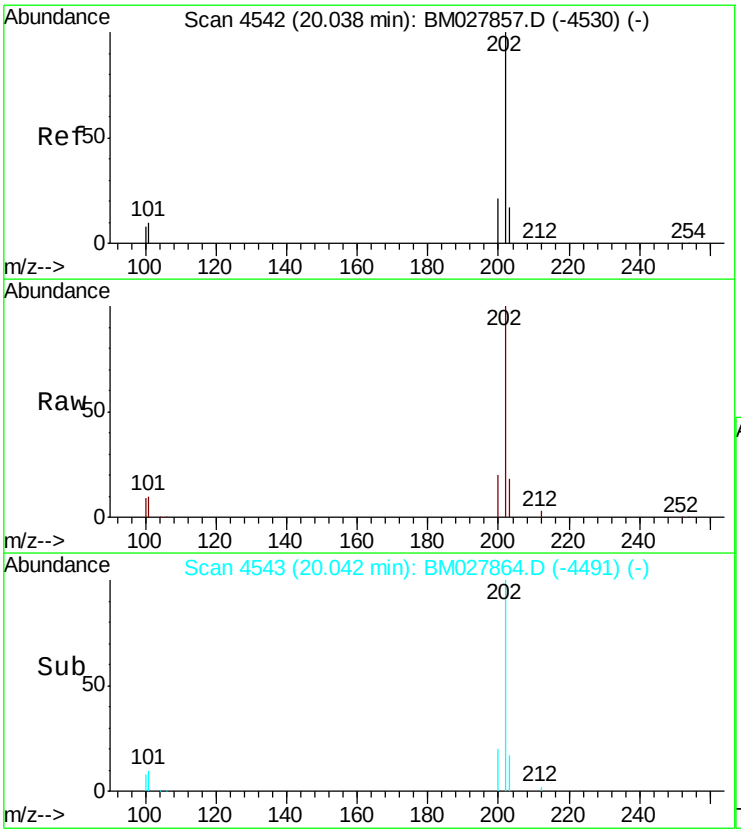
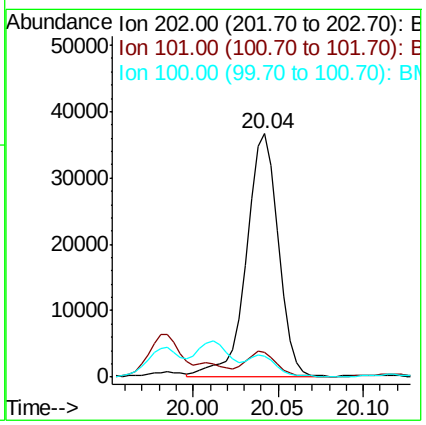
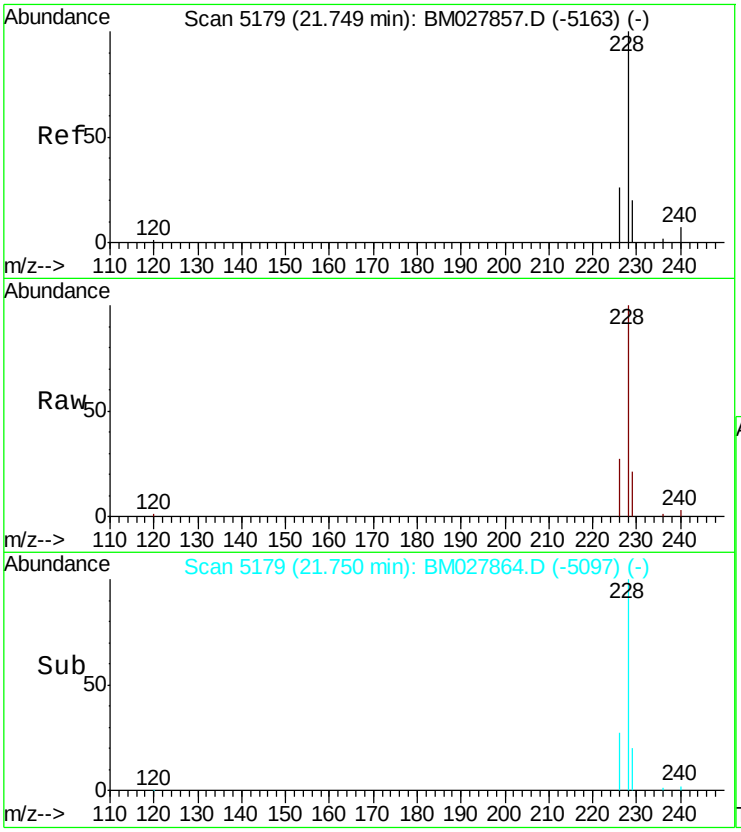


#17
Pyrene
Concen: 2.685 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:202 Resp: 47872

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.2
100	8.7	6.9	10.3

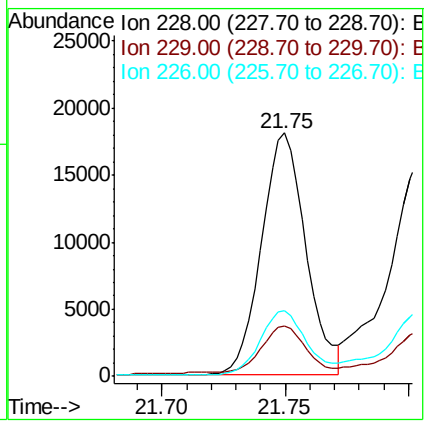




#18
Benzo(a)anthracene
Concen: 1.598 ng/ul
RT: 21.75 min Scan# 5179
Delta R.T. -0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:228 Resp: 22626

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.4
226	27.2	21.5	32.3



Instrument :
BNA_M
ClientSampleId :
C0AY3

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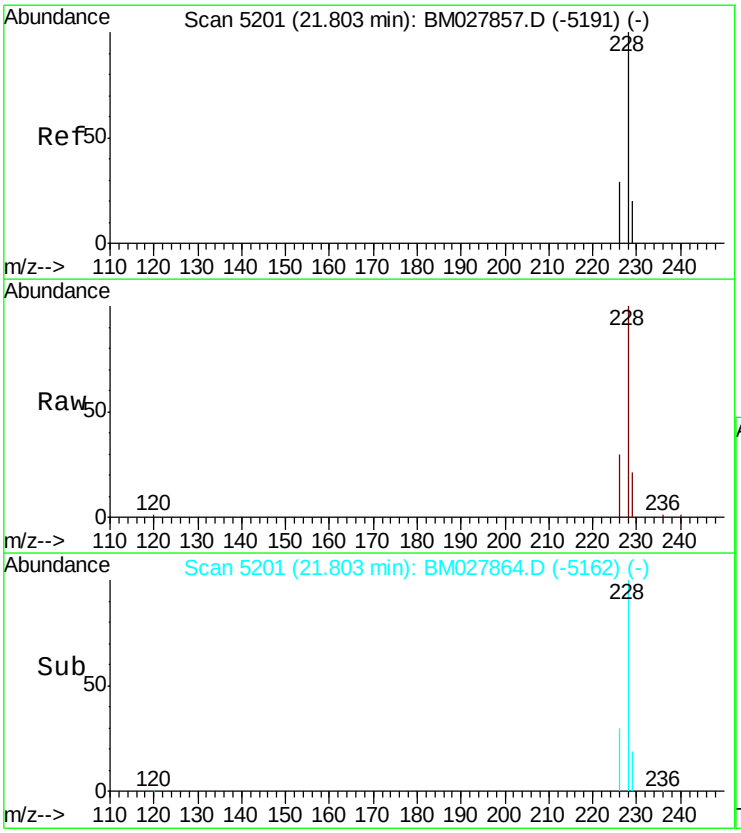
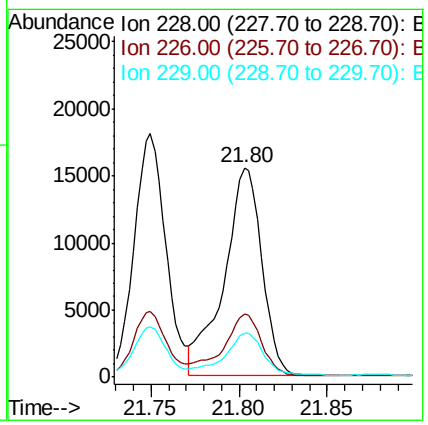
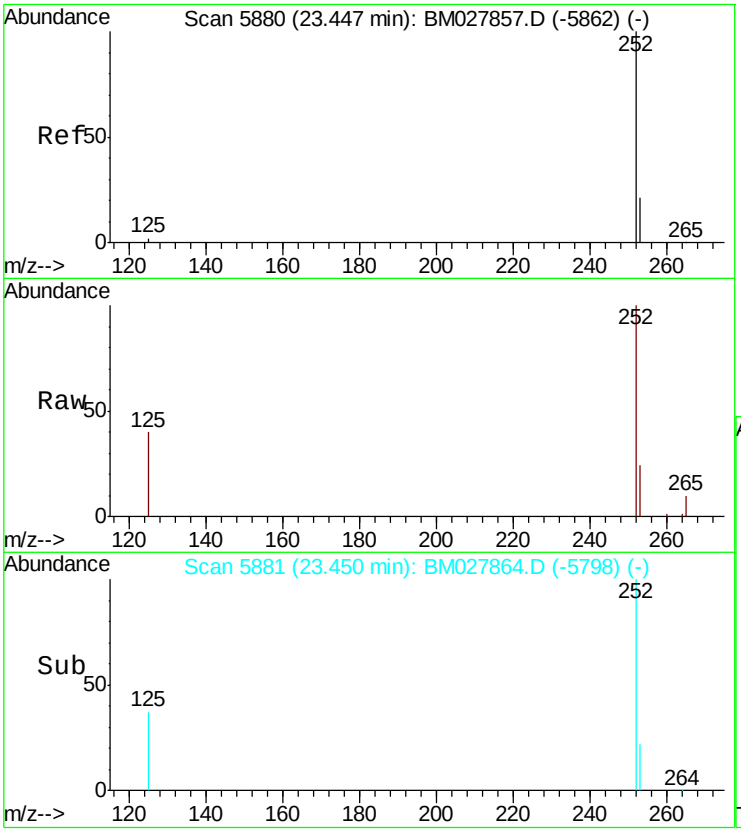


#19
Chrysene
Concen: 1.675 ng/ul
RT: 21.80 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:228 Resp: 23108

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.0	16.6	24.8





#21
Benzo(b)fluoranthene
Concen: 2.198 ng/ul m
RT: 23.45 min Scan# 5881
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:252 Resp: 22036

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	59.6
125	39.8	0.0	28.4#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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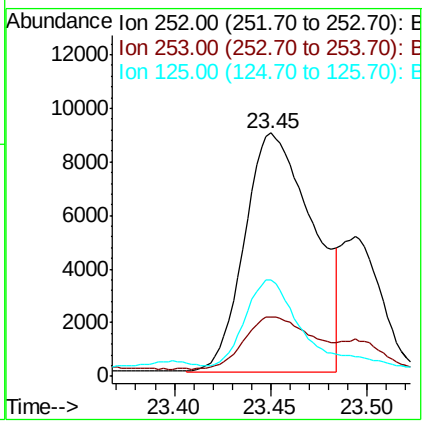
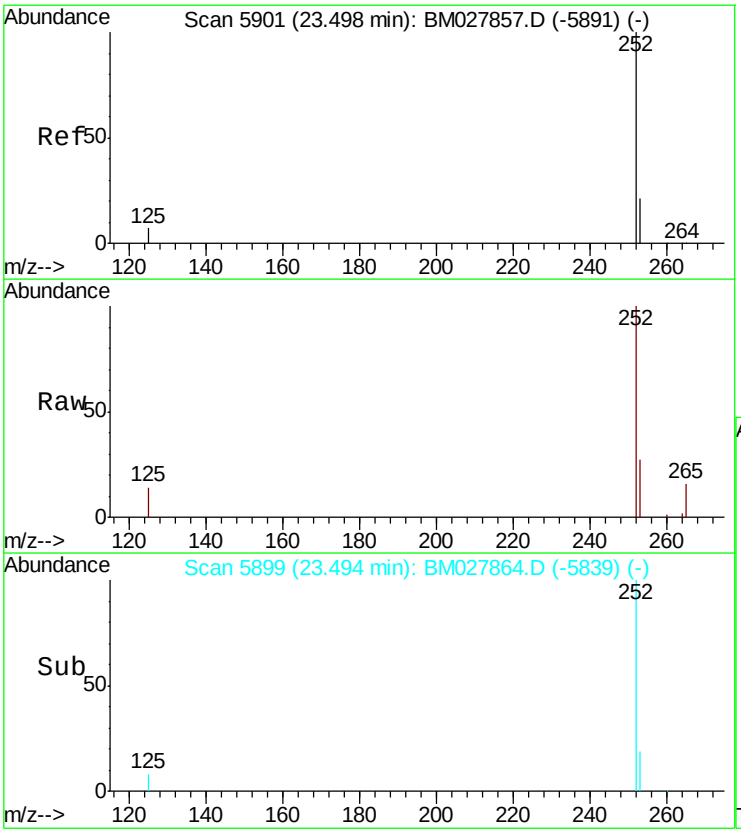
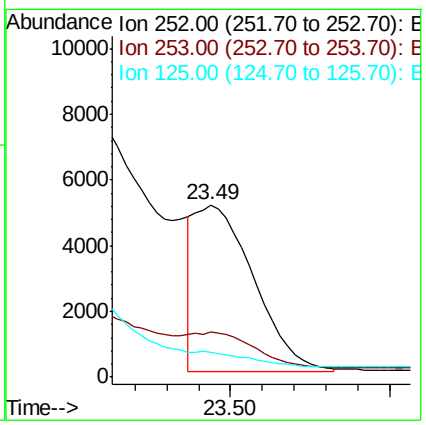


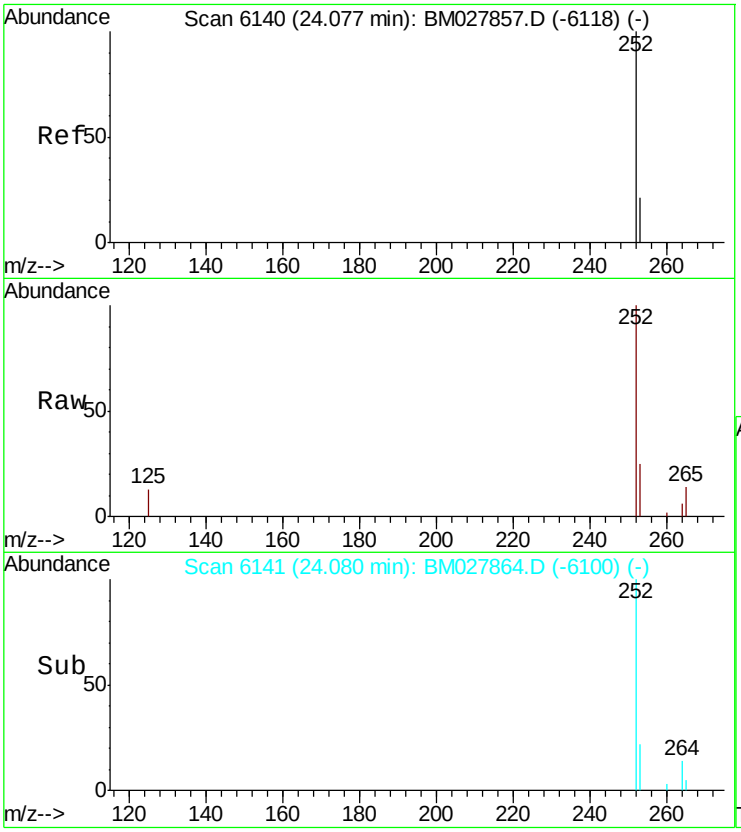


#22
Benzo(k)fluoranthene
Concen: 0.666 ng/ul m
RT: 23.49 min Scan# 5899
Delta R.T. -0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:252 Resp: 6537

Ion	Ratio	Lower	Upper
252	100		
253	26.5	23.2	34.8
125	14.0	11.8	17.6





#23
Benzo(a)pyrene
Concen: 1.513 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:252 Resp: 13261

Ion	Ratio	Lower	Upper
252	100		
253	24.8	25.2	37.8#
125	12.8	13.8	20.6#

Instrument :
BNA_M
ClientSampleId :
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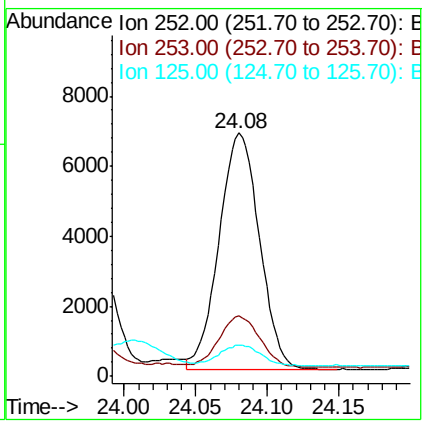
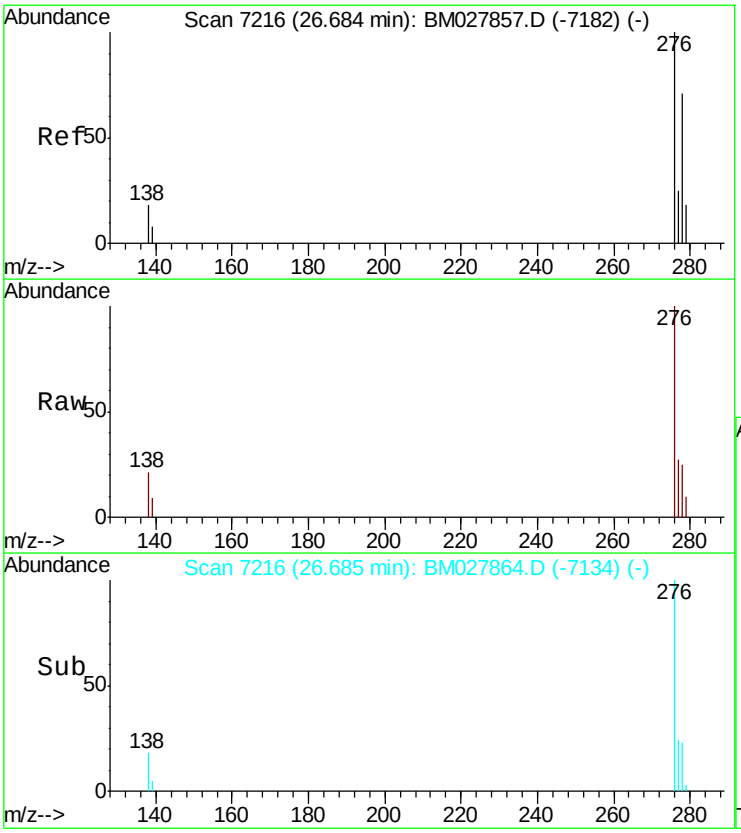
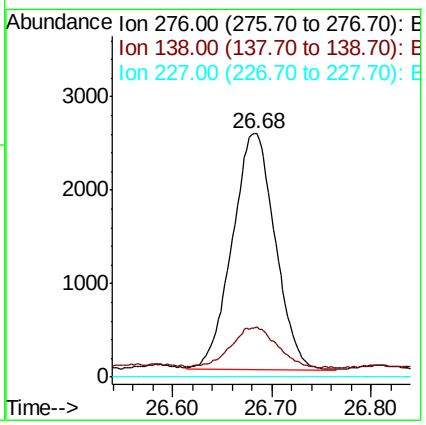


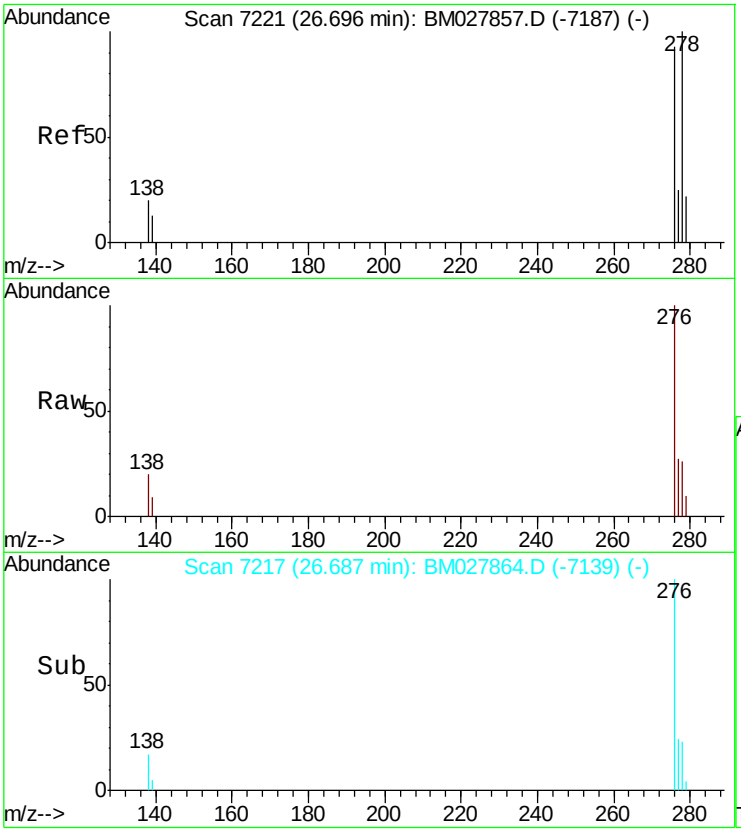


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.799 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:276 Resp: 7581

Ion	Ratio	Lower	Upper
276	100		
138	18.2	15.7	23.5
227	0.0	0.0	0.0

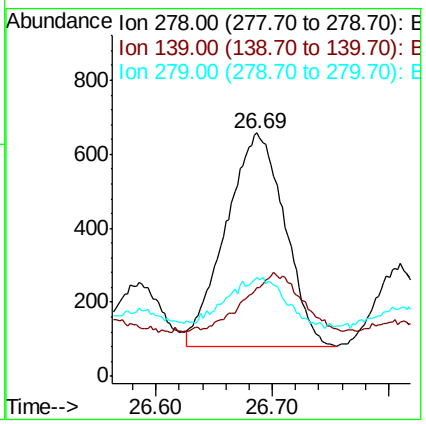




#25
Dibenzo(a,h)anthracene
Concen: 0.256 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. -0.01 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

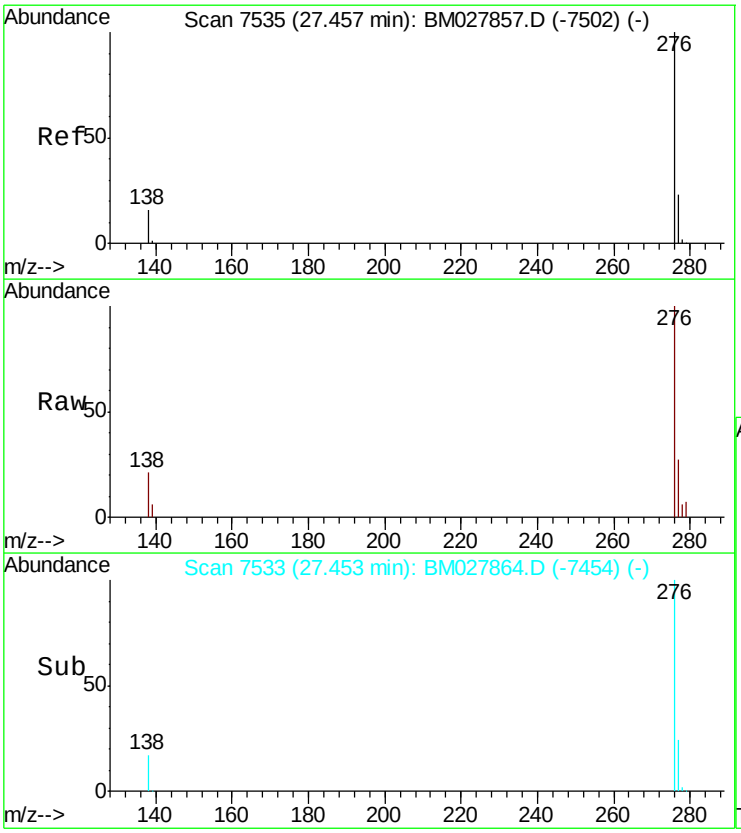
Tgt Ion:278 Resp: 2025

Ion	Ratio	Lower	Upper
278	100		
139	36.2	14.8	22.2#
279	40.4	25.8	38.6#



Instrument :
BNA_M
ClientSampleId :
C0AY3

Manual Integrations APPROVED
mohammad
11/24/2020 8:57:46 AM



#26
Benzo(g,h,i)perylene
Concen: 0.819 ng/ul
RT: 27.45 min Scan# 7533
Delta R.T. -0.01 min
Lab File: BM027864.D
Acq: 20 Nov 2020 22:14

Tgt Ion:276 Resp: 6522

Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.4	26.2
277	27.2	22.5	33.7