Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027886.D
Acq On : 21 Nov 2020 18:07
Operator : JU/CG
Sample : L4711-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B53

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:40 AM

Quant Time: Nov 23 04:24:11 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	981	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4030	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2445	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4872	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3242	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	2820	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	978	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2171	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	1080	0.089	ng/ul#	88
5) 2-Methylnaphthalene	12.80	142	580	0.071	ng/ul	99
7) Acenaphthylene	14.67	152	1594	0.134	ng/ul#	93
8) Acenaphthene	15.01	153	7459	0.834	ng/ul	99
9) Fluorene	15.98	166	9445	0.911	ng/ul	99
12) Phenanthrene	17.70	178	299509	19.461	ng/ul	97
13) Anthracene	17.79	178	44549	3.001	ng/ul	98
15) Fluoranthene	19.68	202	697170	40.855	ng/ul	99
17) Pyrene	20.04	202	547485	33.251	ng/ul	99
18) Benzo(a)anthracene	21.75	228	241428	18.457	ng/ul	100
19) Chrysene	21.81	228	267813	21.020	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	265817m	22.429	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	95123m	8.196	ng/ul	
23) Benzo(a)pyrene	24.08	252	171913	16.591	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	109468	9.757	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	28557	3.057	ng/ul	92
26) Benzo(g,h,i)perylene	27.46	276	92589	9.836	ng/ul	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027886.D
Acq On : 21 Nov 2020 18:07
Operator : JU/CG
Sample : L4711-10
Misc :
ALS Vial : 40 Sample Multiplier: 1

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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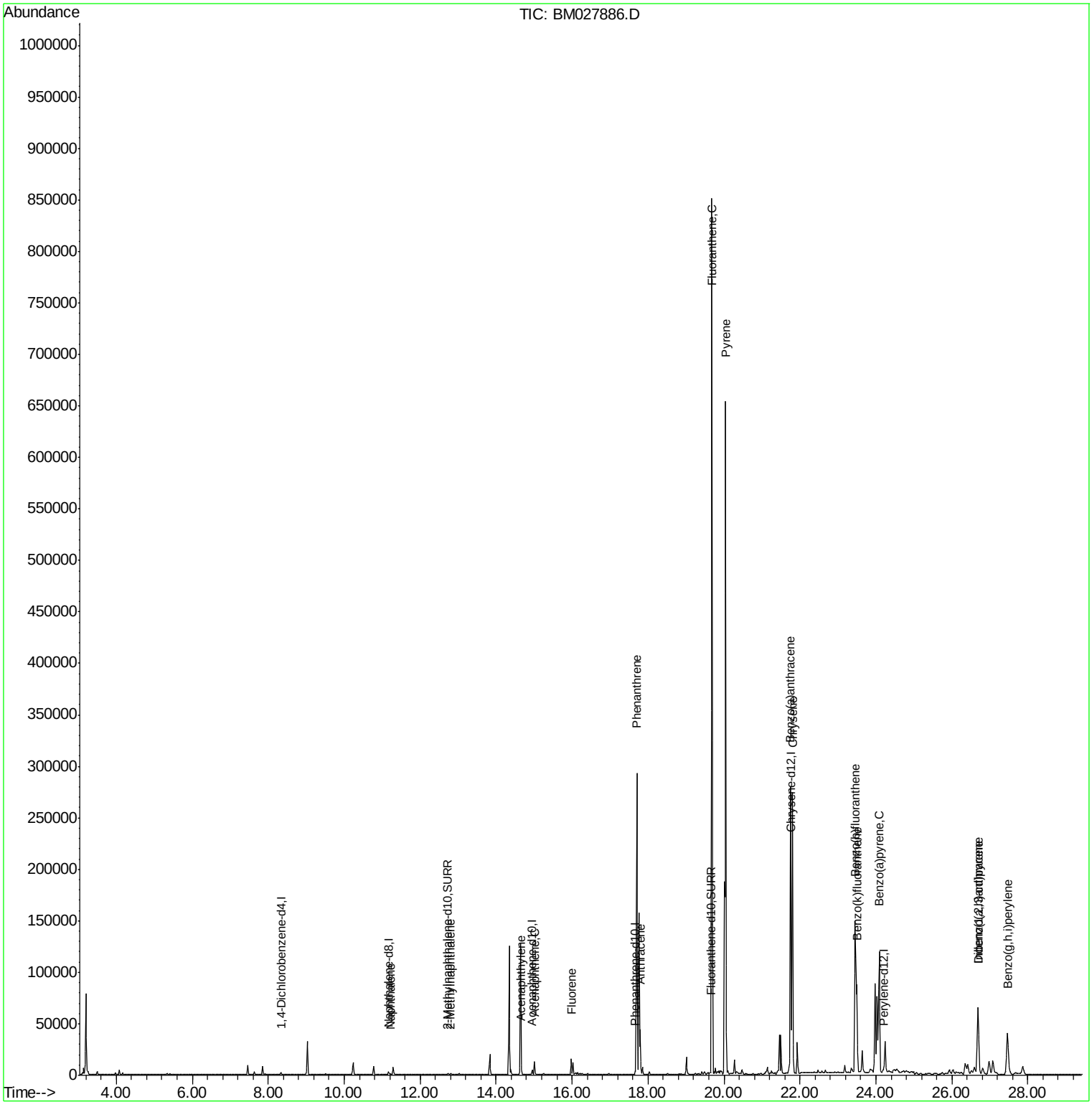

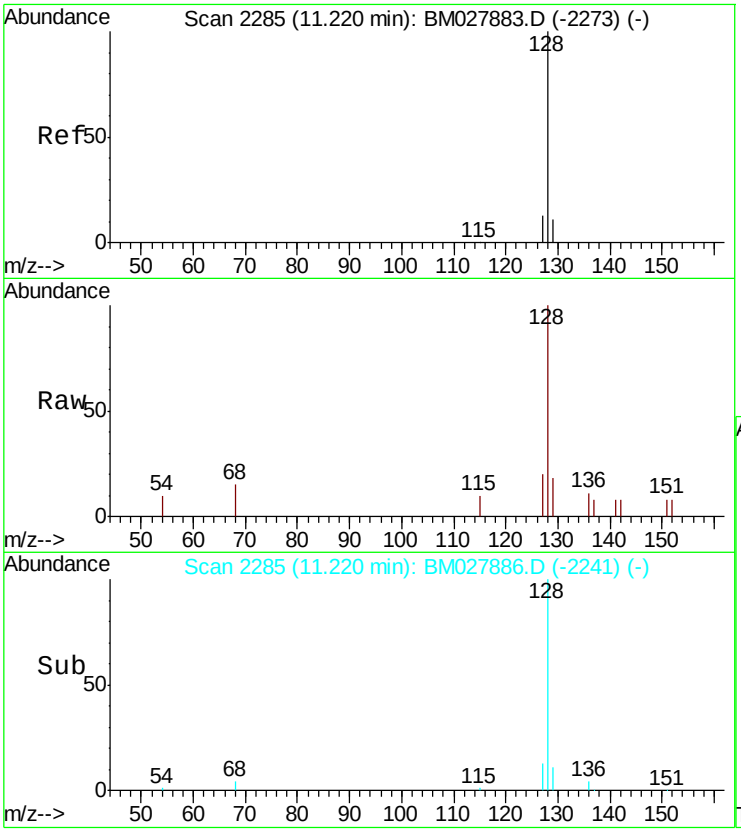

#3
Naphthalene
Concen: 0.089 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:128 Resp: 1080

Ion	Ratio	Lower	Upper
128	100		
129	18.2	10.4	15.6#
127	20.0	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0B53

Manual Integrations APPROVED
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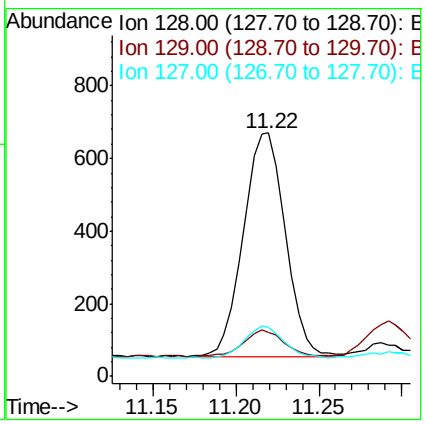
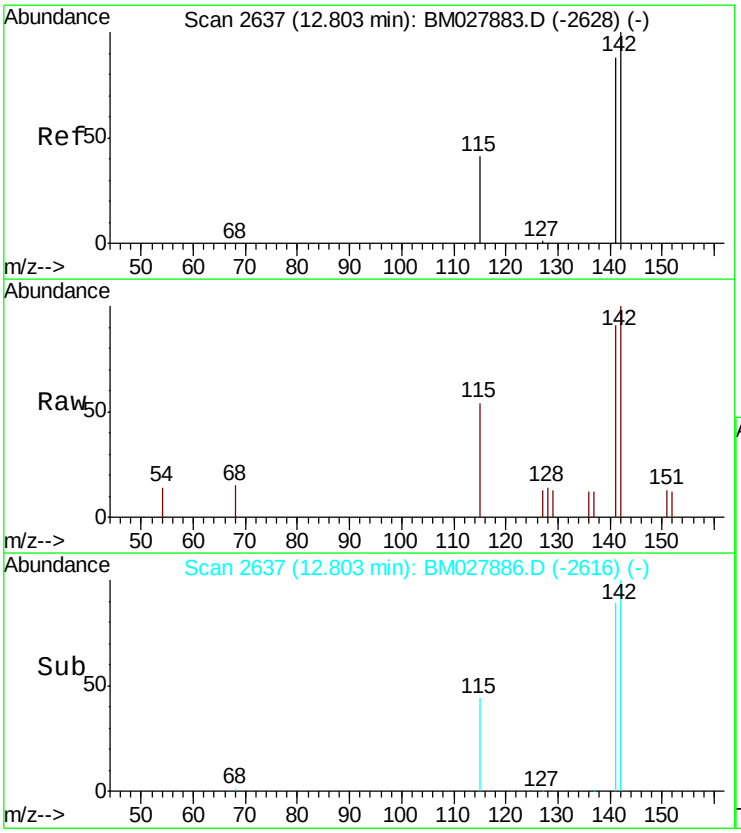
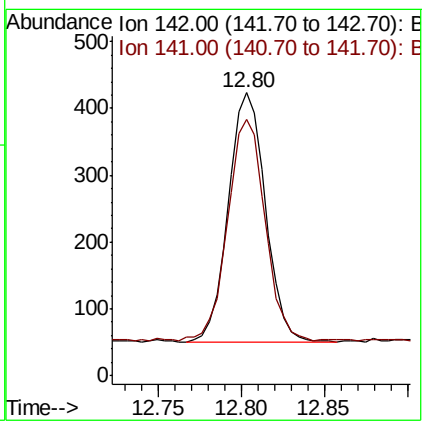


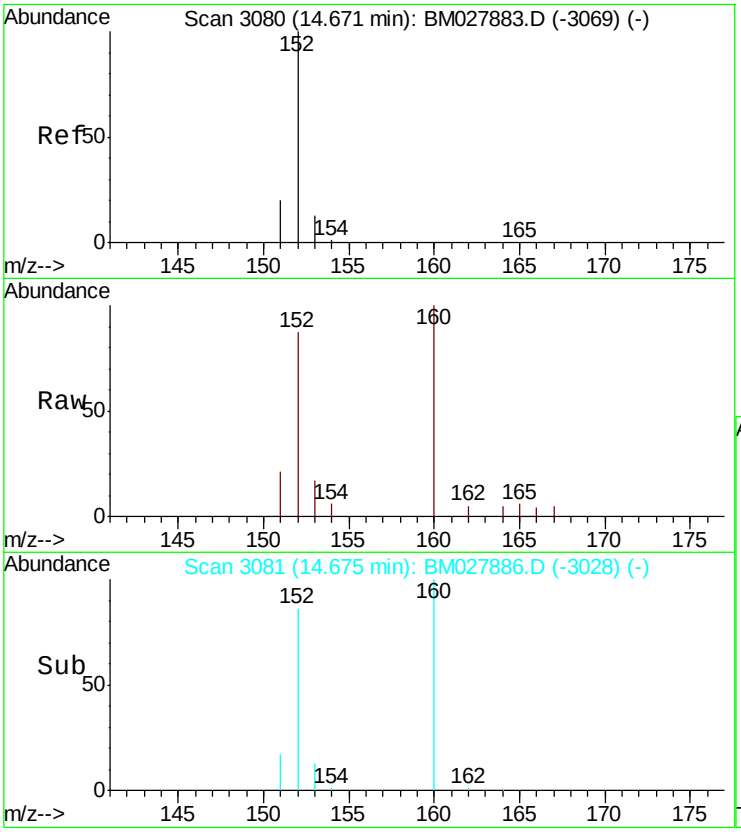


#5
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:142 Resp: 580

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4





#7
Acenaphthylene
Concen: 0.134 ng/ul
RT: 14.67 min Scan# 3081
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:152 Resp: 1594

Ion	Ratio	Lower	Upper
152	100		
151	23.6	17.1	25.7
153	19.2	12.0	18.0#

Instrument :
BNA_M
ClientSampleId :
C0B53

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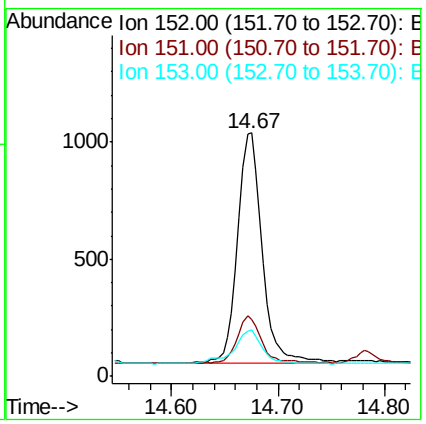
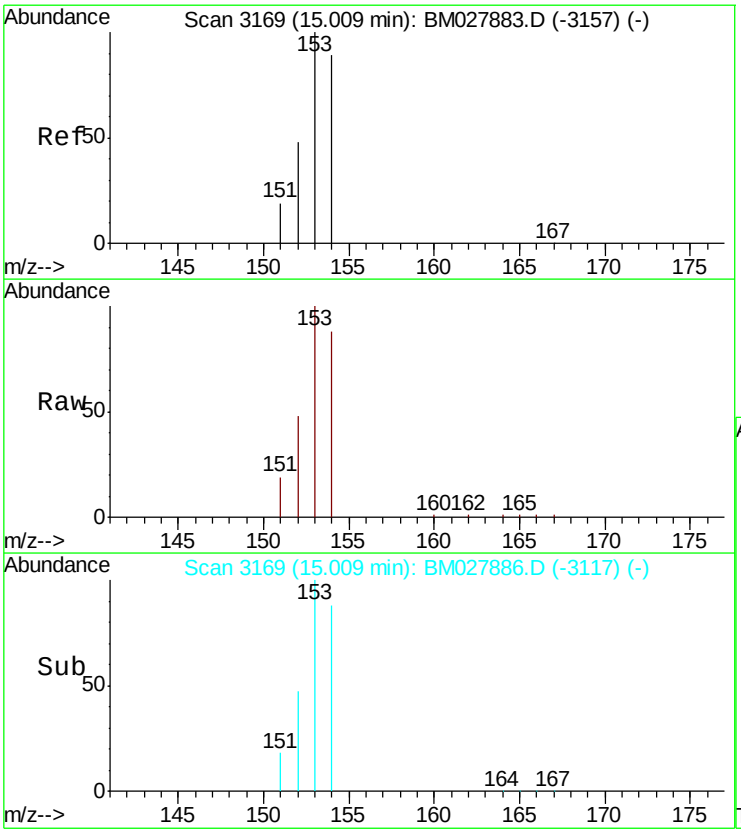
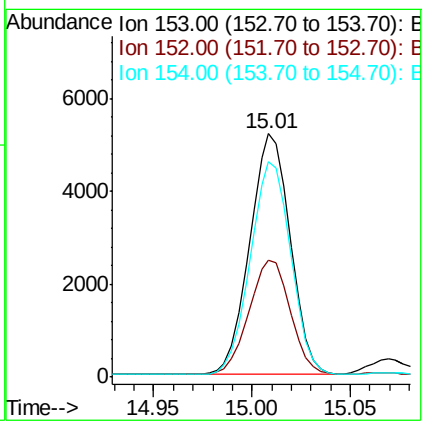


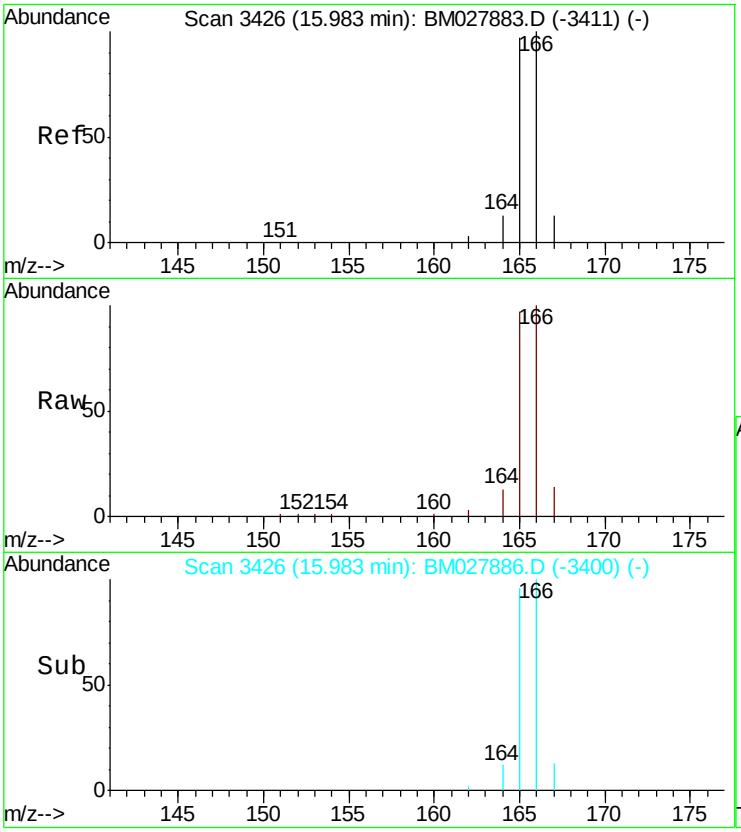


#8
Acenaphthene
Concen: 0.834 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:153 Resp: 7459

Ion	Ratio	Lower	Upper
153	100		
152	47.9	39.0	58.6
154	88.4	71.6	107.4

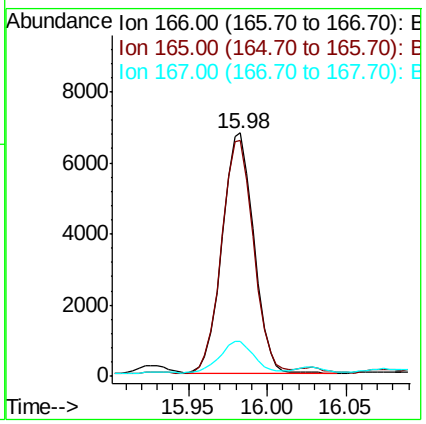




#9
Fluorene
Concen: 0.911 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:166 Resp: 9445

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.1	117.1
167	14.3	11.8	17.8



Instrument :
BNA_M
ClientSampleId :
C0B53

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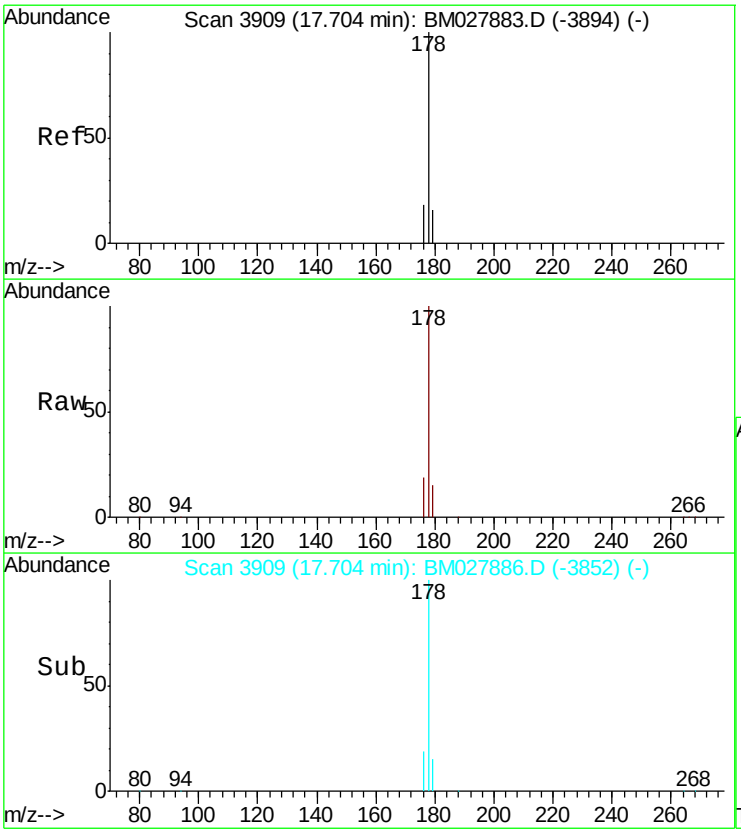
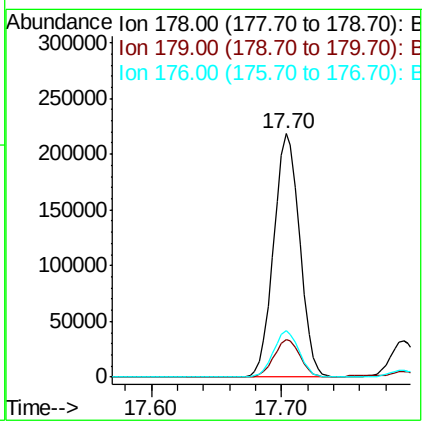
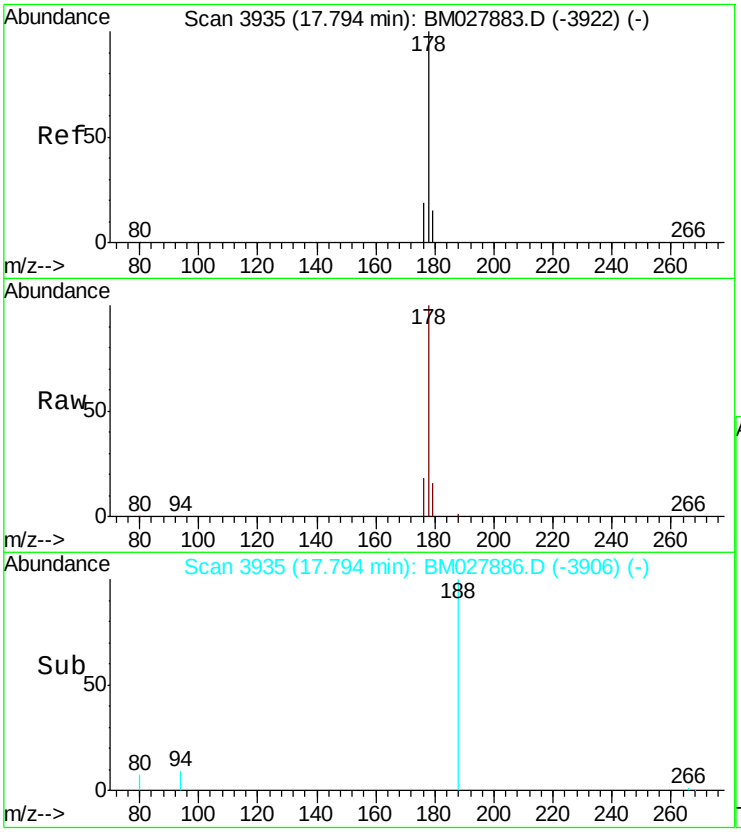


#12
Phenanthrene
Concen: 19.461 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:178 Resp: 299509

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.6	20.4
176	18.9	16.1	24.1

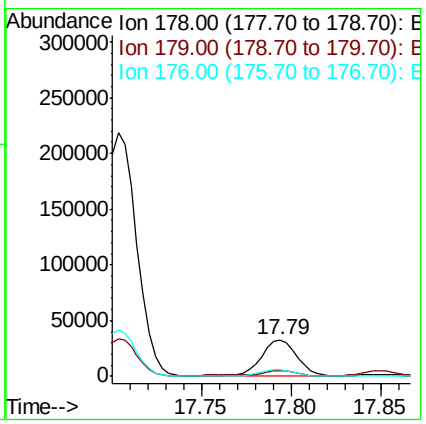




#13
Anthracene
Concen: 3.001 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:178 Resp: 44549

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.4	20.2
176	18.2	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C0B53

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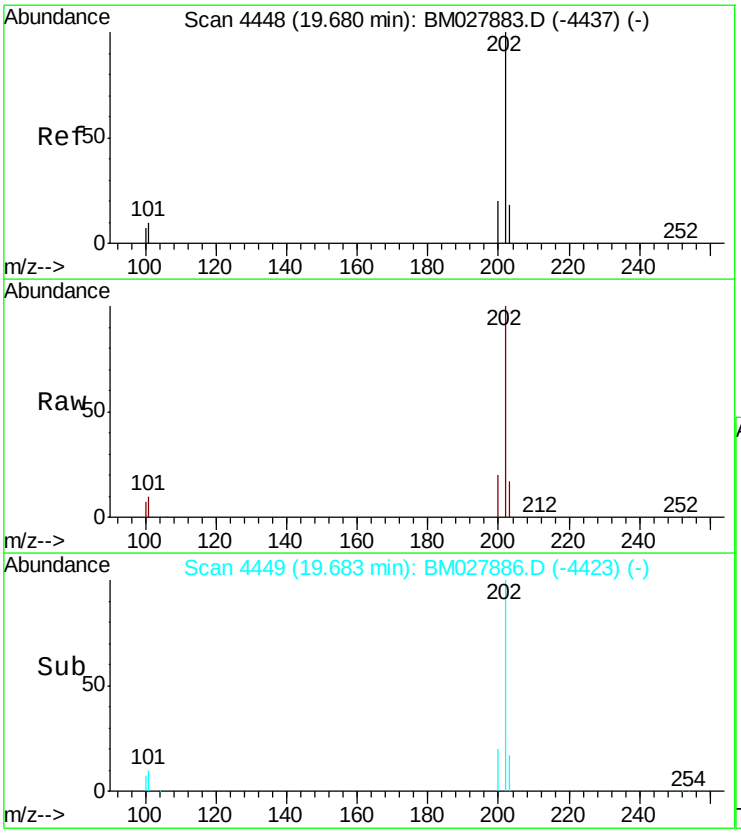
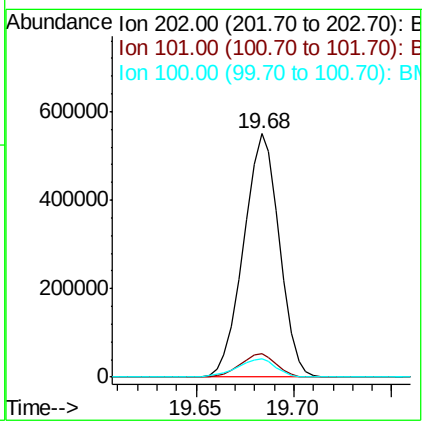
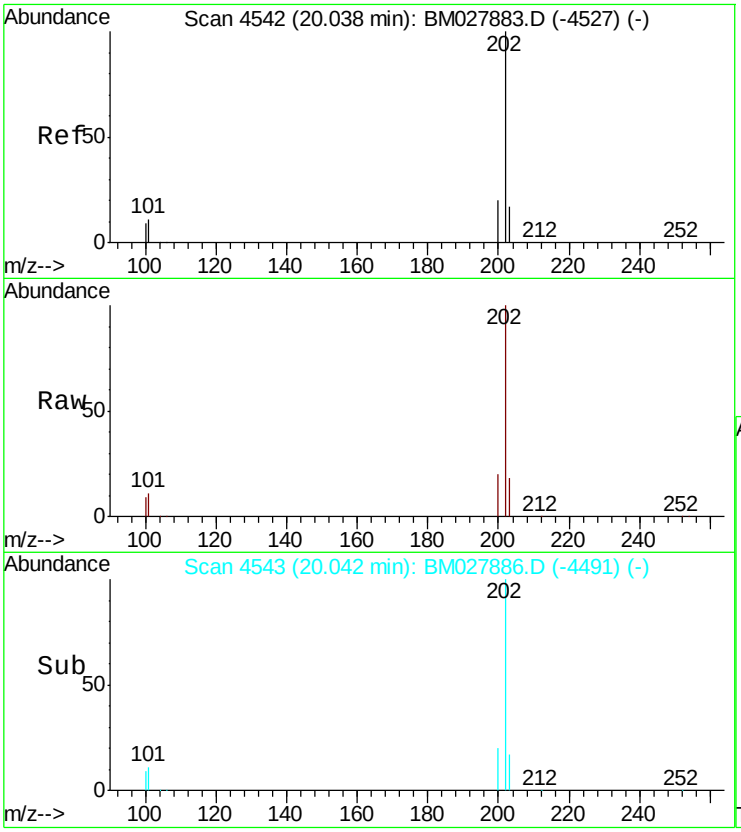


#15
Fluoranthene
Concen: 40.855 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:202 Resp: 697170

Ion	Ratio	Lower	Upper
202	100		
101	9.6	0.0	29.3
100	7.5	0.0	27.4

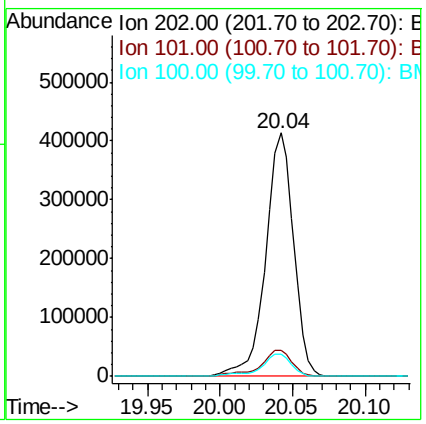




#17
Pyrene
Concen: 33.251 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:202 Resp: 547485

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.2
100	9.0	6.9	10.3



Instrument :
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ClientSampleId :
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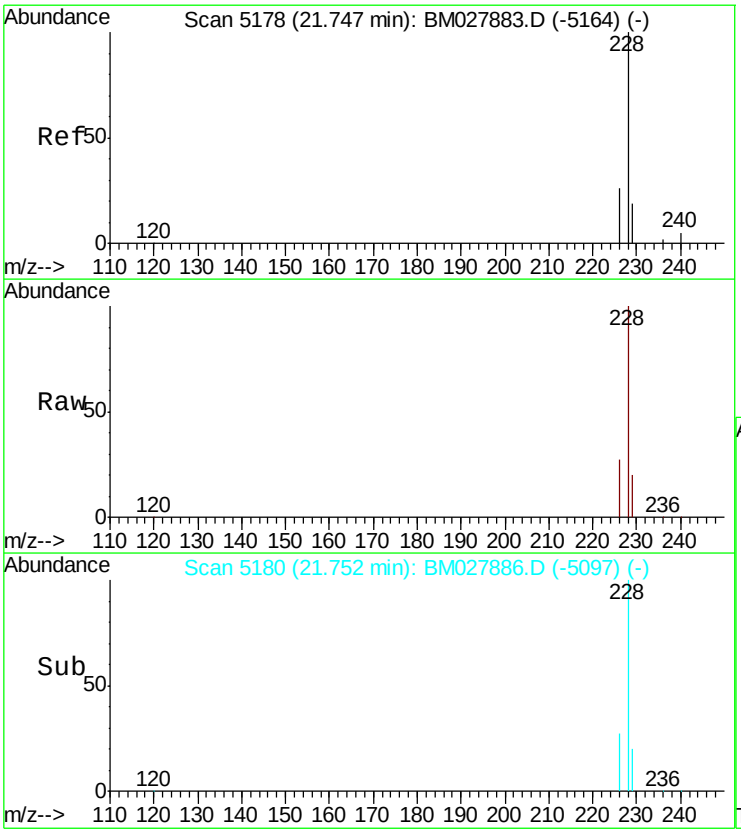
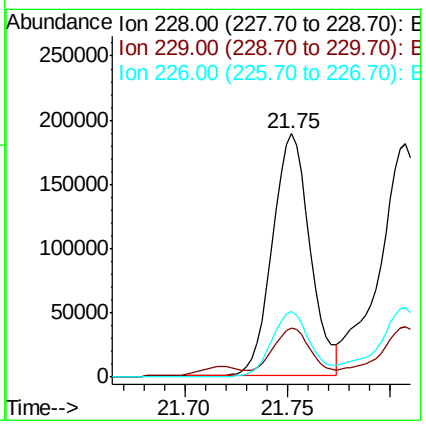
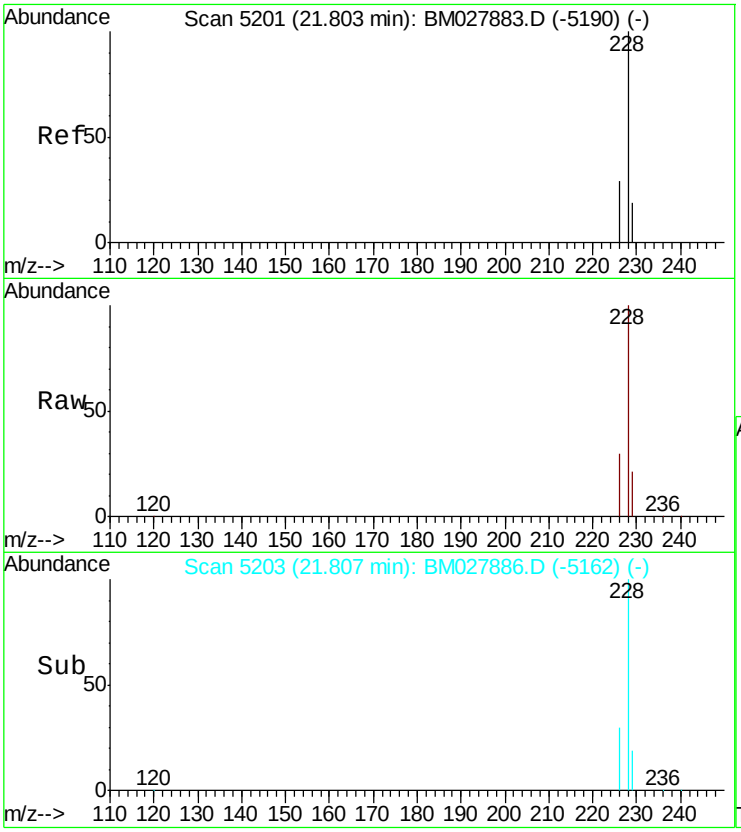


#18
Benzo(a)anthracene
Concen: 18.457 ng/ul
RT: 21.75 min Scan# 5180
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:228 Resp: 241428

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.2	24.4
226	26.8	21.5	32.3

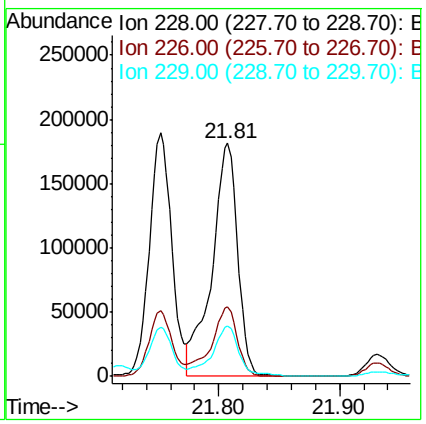




#19
Chrysene
Concen: 21.020 ng/ul
RT: 21.81 min Scan# 5203
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:228 Resp: 267813

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.5	16.6	24.8



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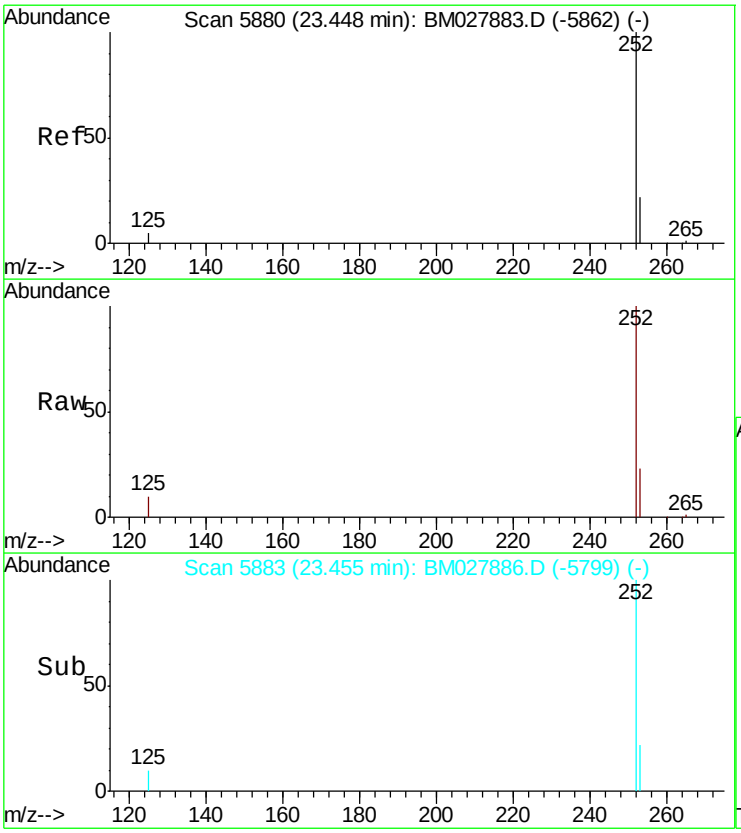
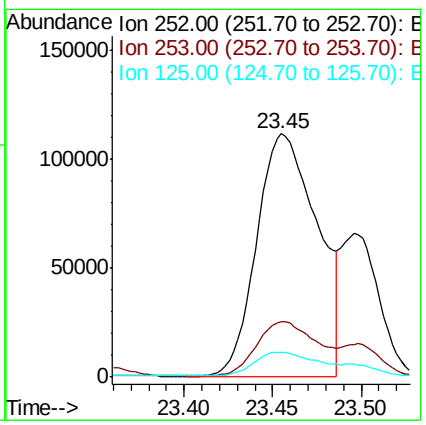
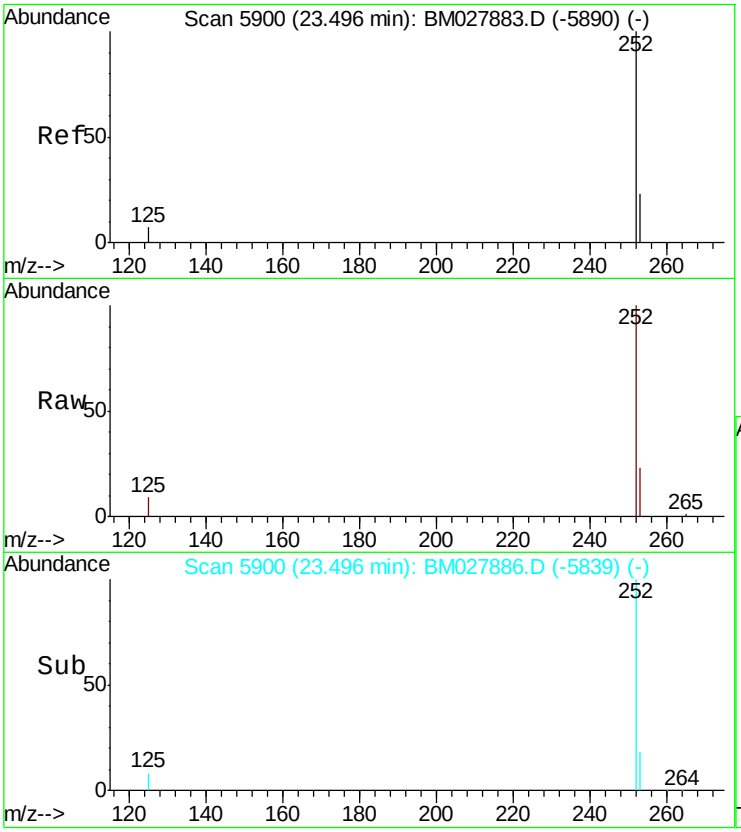


#21
Benzo(b)fluoranthene
Concen: 22.429 ng/ul m
RT: 23.45 min Scan# 5883
Delta R.T. 0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:252 Resp: 265817

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	59.6
125	10.1	0.0	28.4





#22
Benzo(k)fluoranthene
Concen: 8.196 ng/ul m
RT: 23.50 min Scan# 5900
Delta R.T. -0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:252 Resp: 95123

Ion	Ratio	Lower	Upper
252	100		
253	23.0	23.2	34.8#
125	8.9	11.8	17.6#

Instrument :
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ClientSampleId :
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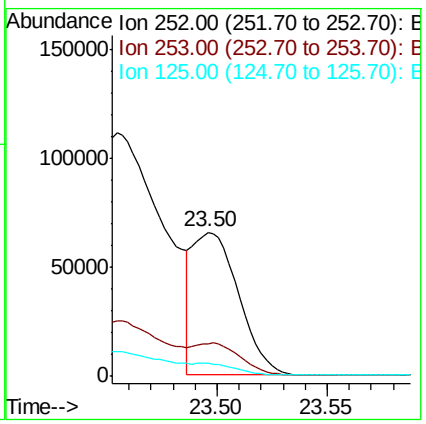
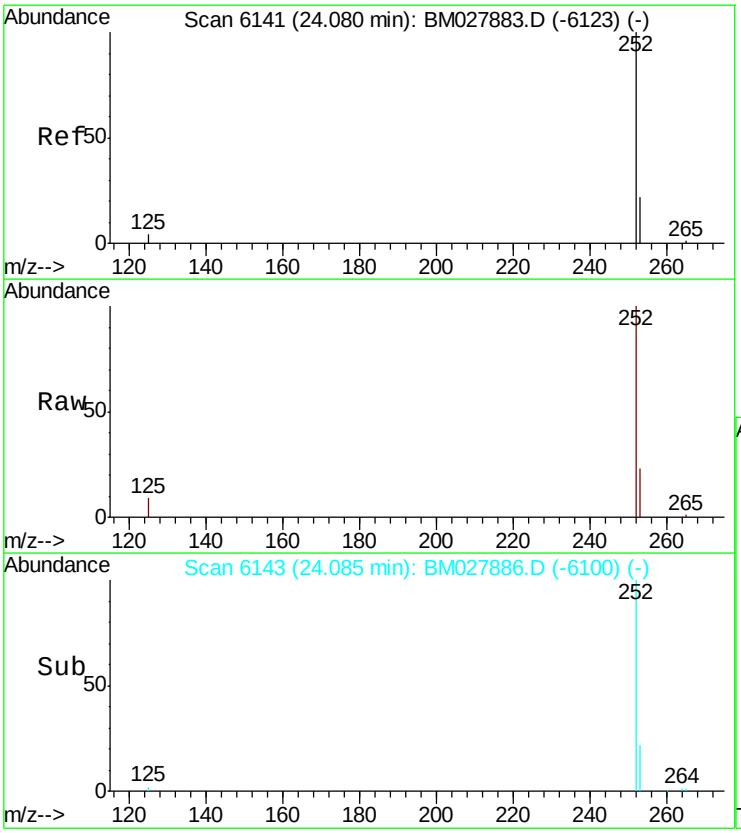
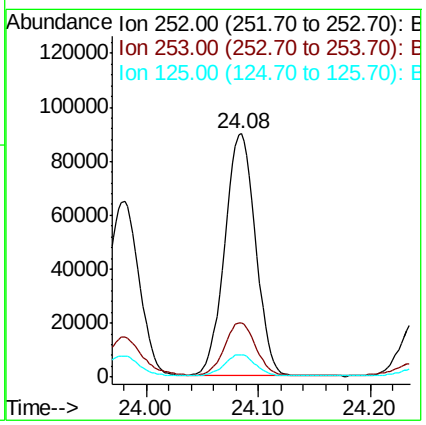


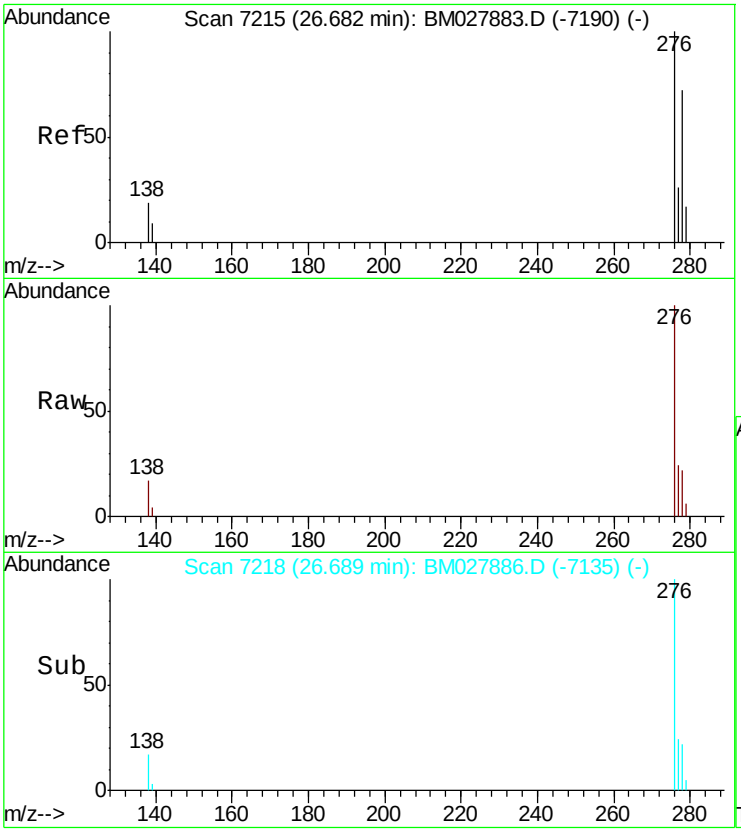


#23
Benzo(a)pyrene
Concen: 16.591 ng/ul
RT: 24.08 min Scan# 6143
Delta R.T. 0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:252 Resp: 171913

Ion	Ratio	Lower	Upper
252	100		
253	22.5	25.2	37.8#
125	9.2	13.8	20.6#

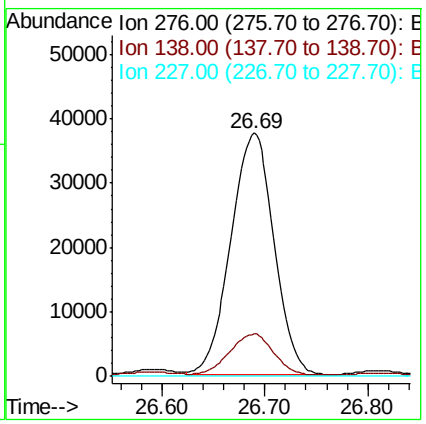




#24
Indeno(1,2,3-cd)pyrene
Concen: 9.757 ng/ul
RT: 26.69 min Scan# 7218
Delta R.T. 0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:276 Resp: 109468

Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.7	23.5
227	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
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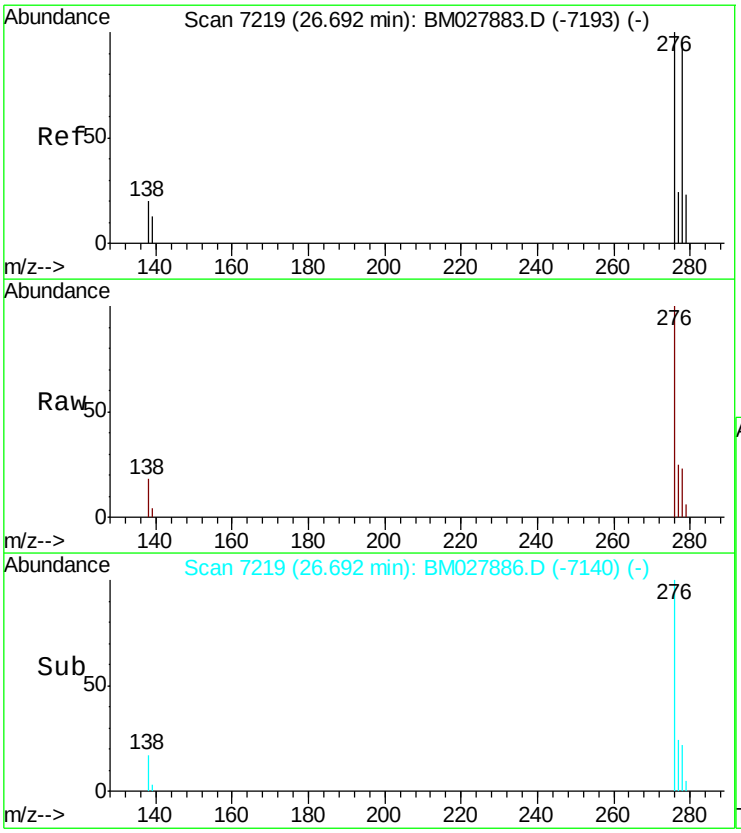
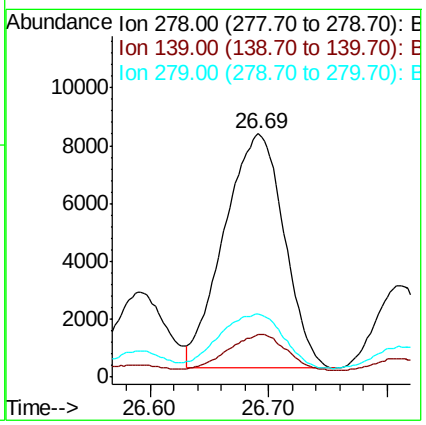
11/24/2020 8:59:40 AM

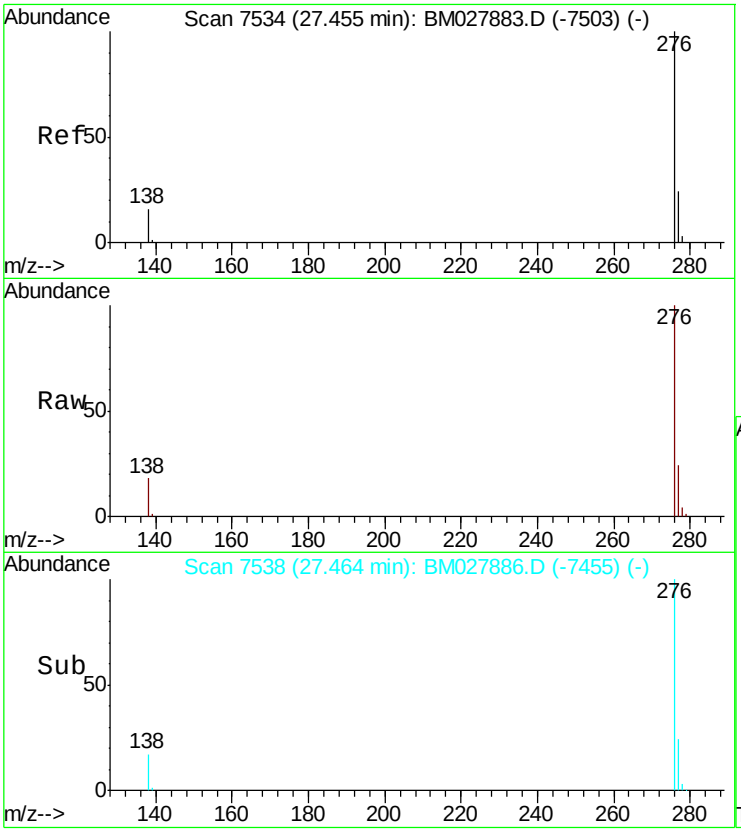


#25
Dibenzo(a,h)anthracene
Concen: 3.057 ng/ul
RT: 26.69 min Scan# 7219
Delta R.T. -0.01 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:278 Resp: 28557

Ion	Ratio	Lower	Upper
278	100		
139	17.4	14.8	22.2
279	25.8	25.8	38.6

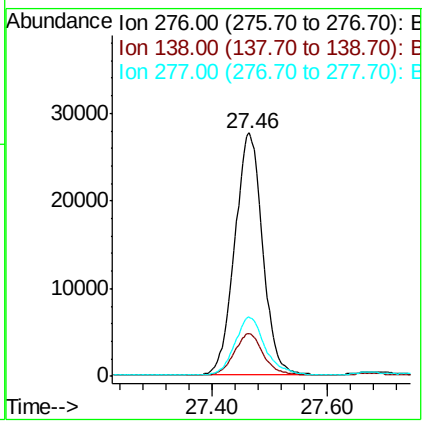




#26
Benzo(g,h,i)perylene
Concen: 9.836 ng/ul
RT: 27.46 min Scan# 7538
Delta R.T. 0.00 min
Lab File: BM027886.D
Acq: 21 Nov 2020 18:07

Tgt Ion:276 Resp: 92589

Ion	Ratio	Lower	Upper
276	100		
138	17.7	17.4	26.2
277	24.3	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B53

Manual Integrations APPROVED
mohammad
11/24/2020 8:59:40 AM