Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM

Quant Time: Nov 23 04:20:52 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	739	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2069	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	4521	0.40	ng/ul	0.00
16) Chrysene-d12	21.77	240	3868	0.40	ng/ul	0.00
20) Perylene-d12	24.19	264	3640	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	930	0.18	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2515m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	4113	0.446	ng/ul	99
5) 2-Methylnaphthalene	12.80	142	2766	0.441	ng/ul	99
7) Acenaphthylene	14.68	152	1847	0.183	ng/ul#	91
8) Acenaphthene	15.01	153	19434	2.569	ng/ul	99
9) Fluorene	15.98	166	16980	1.935	ng/ul	99
12) Phenanthrene	17.70	178	349693	24.486	ng/ul	97
13) Anthracene	17.79	178	71948	5.223	ng/ul	98
15) Fluoranthene	19.68	202	736925	46.537	ng/ul	99
17) Pyrene	20.04	202	622691	31.698	ng/ul	98
18) Benzo(a)anthracene	21.75	228	294950	18.899	ng/ul	100
19) Chrysene	21.81	228	319556	21.022	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	322400m	21.075	ng/ul	
22) Benzo(k)fluoranthene	23.50	252	129530m	8.646	ng/ul	
23) Benzo(a)pyrene	24.08	252	221746	16.579	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.69	276	135304	9.343	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.69	278	34428m	2.855	ng/ul	
26) Benzo(g,h,i)perylene	27.46	276	117583	9.678	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 : BM027885.D
Acq On : 21 Nov 2020 17:30
Operator : JU/CG
Sample : L4711-08
Misc :
ALS Vial : 39 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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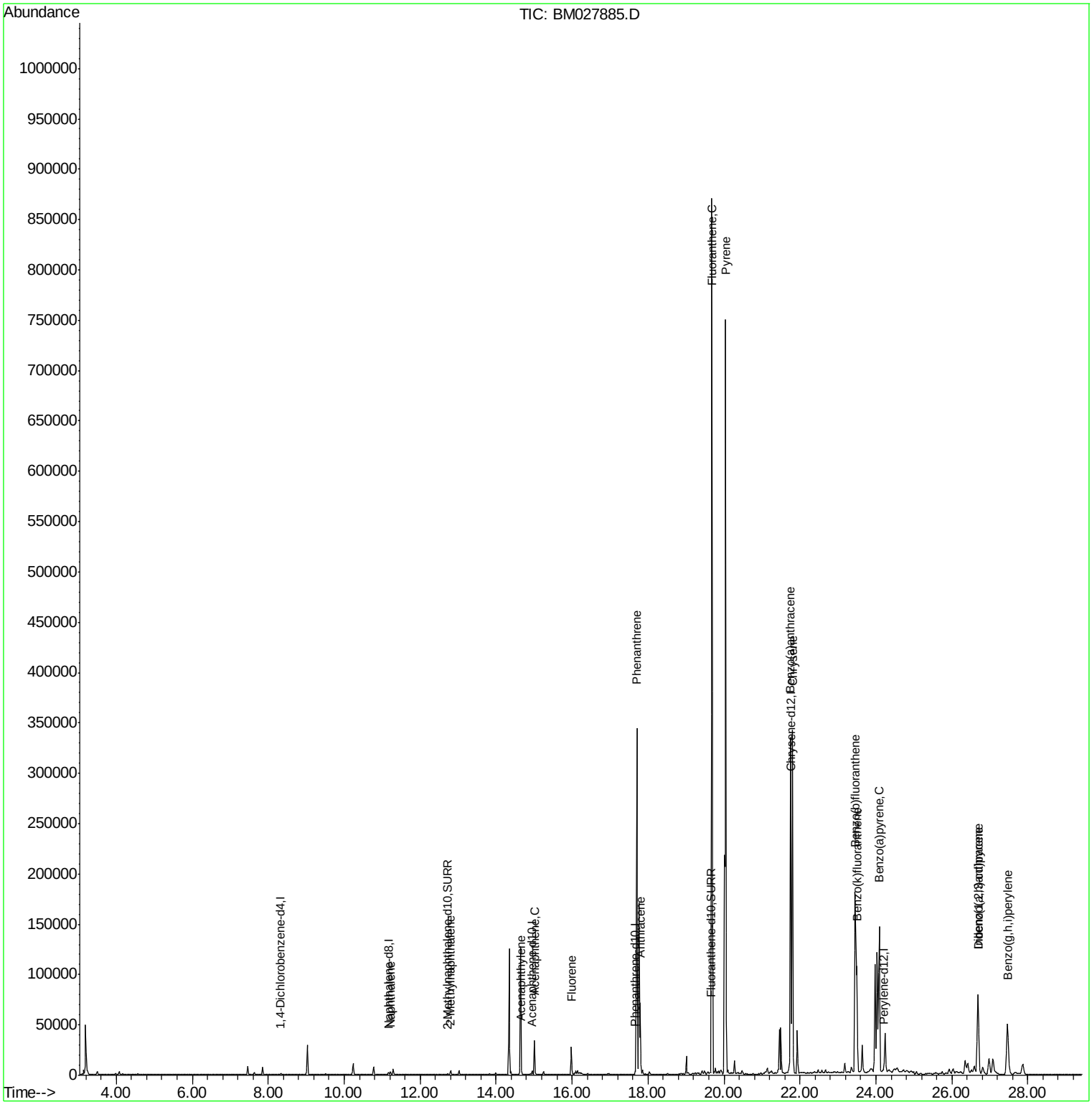
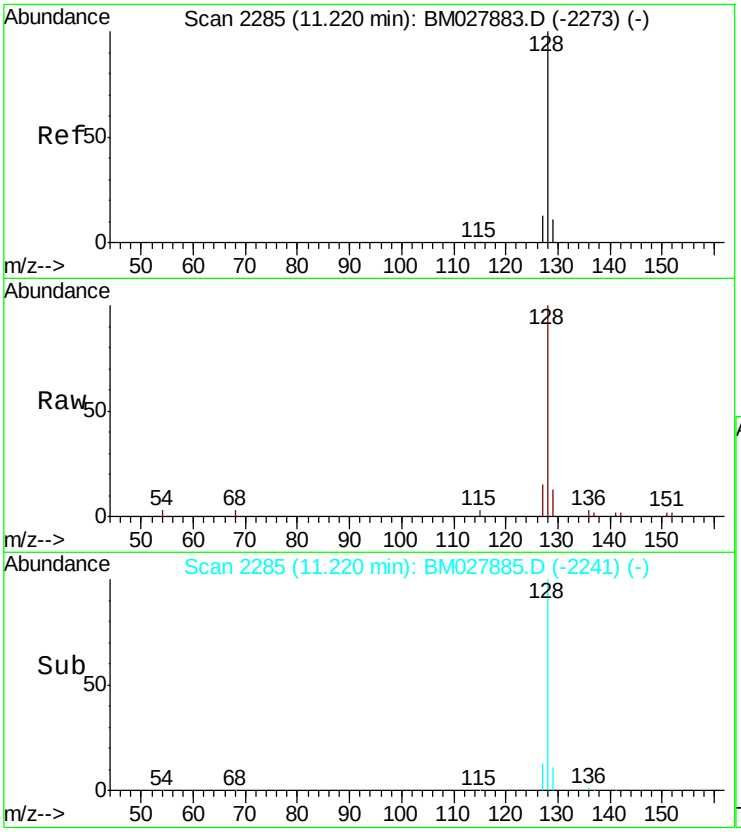
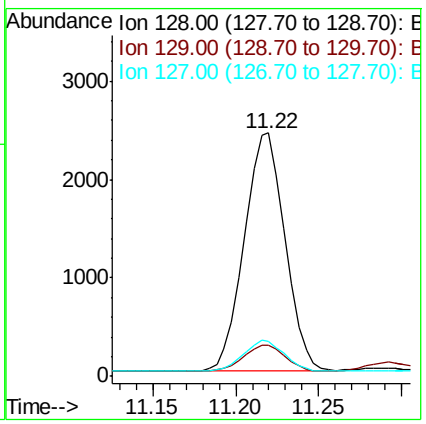




#3
Naphthalene
Concen: 0.446 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:128 Resp: 4113

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.4	15.6
127	14.5	12.0	18.0



Instrument :
BNA_M
ClientSampleId :
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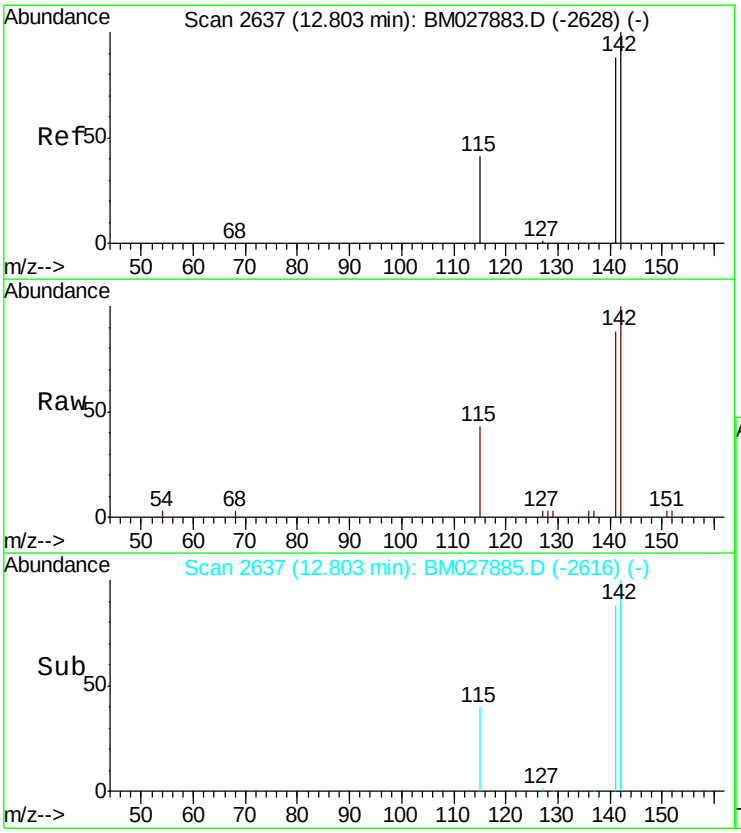
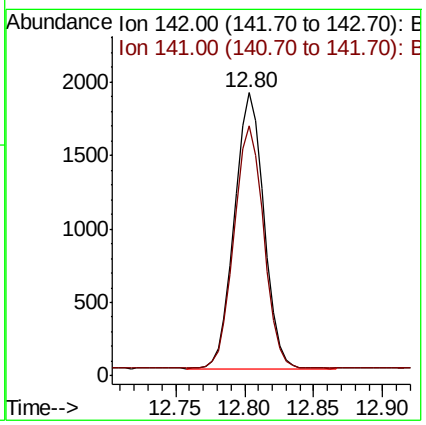
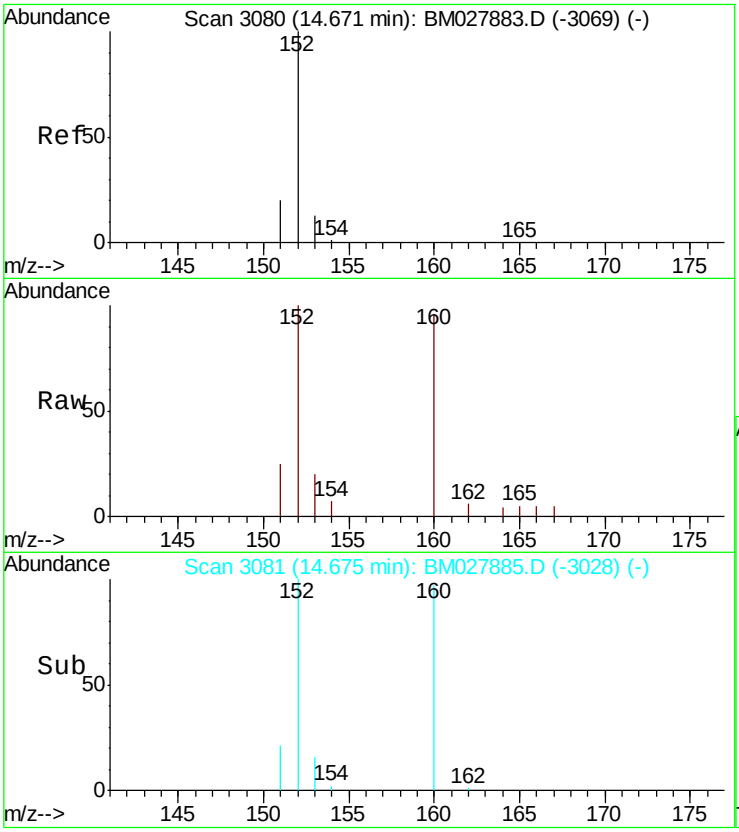


#5
2-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:142 Resp: 2766

Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.6	107.4

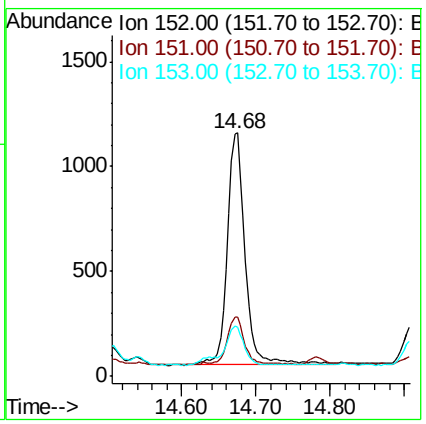




#7
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.68 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:152 Resp: 1847

Ion	Ratio	Lower	Upper
152	100		
151	24.5	17.1	25.7
153	20.2	12.0	18.0#



Instrument :
BNA_M
ClientSampleId :
C0B33

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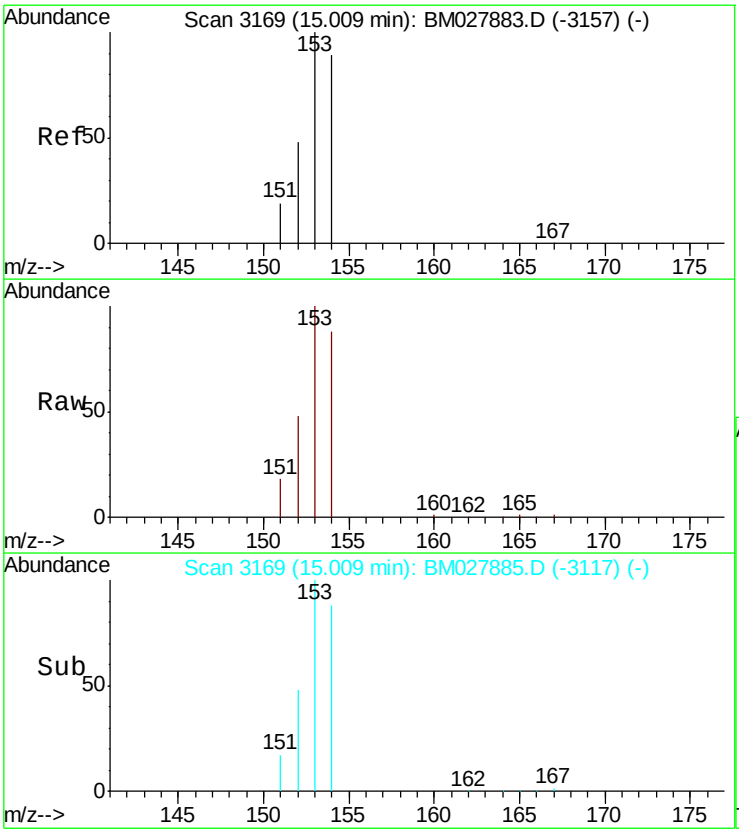
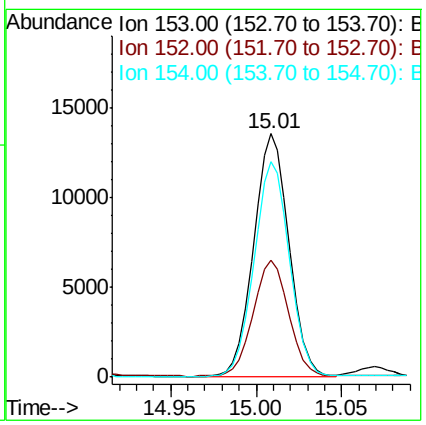
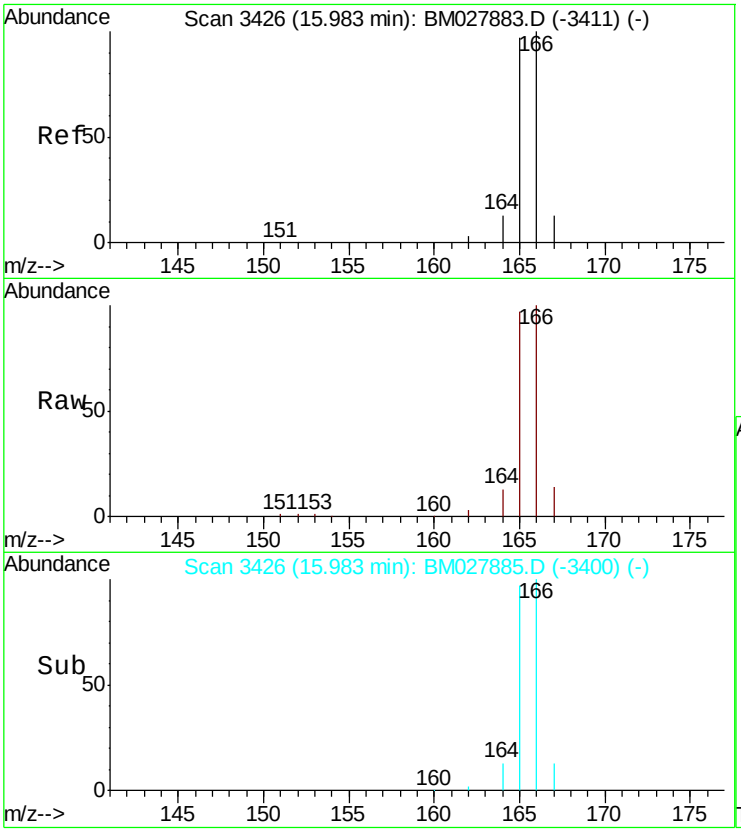


#8
Acenaphthene
Concen: 2.569 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:153 Resp: 19434

Ion	Ratio	Lower	Upper
153	100		
152	47.8	39.0	58.6
154	88.3	71.6	107.4

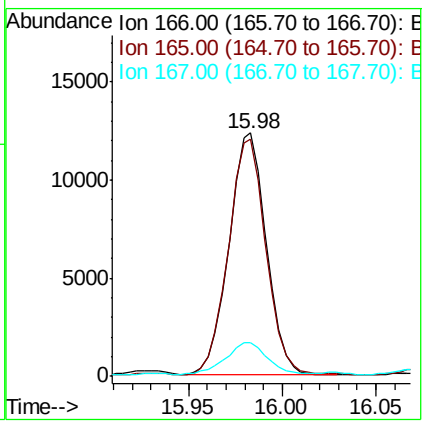




#9
Fluorene
Concen: 1.935 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:166 Resp: 16980

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	14.0	11.8	17.8



Instrument :
BNA_M
ClientSampleId :
C0B33

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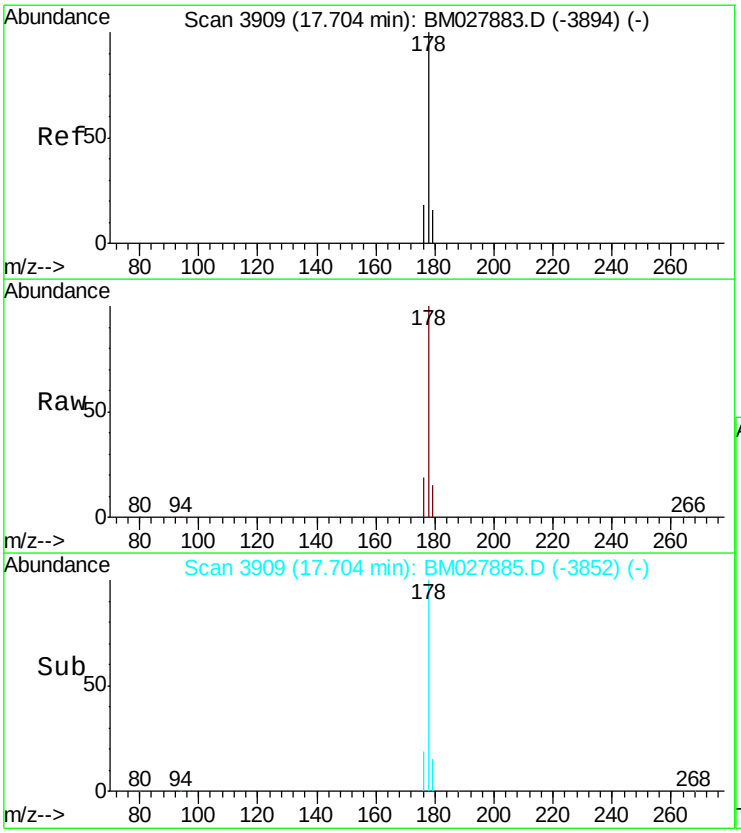
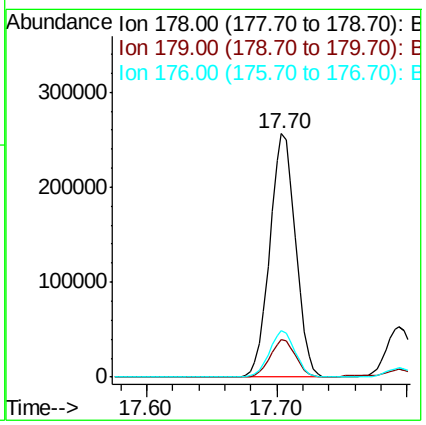
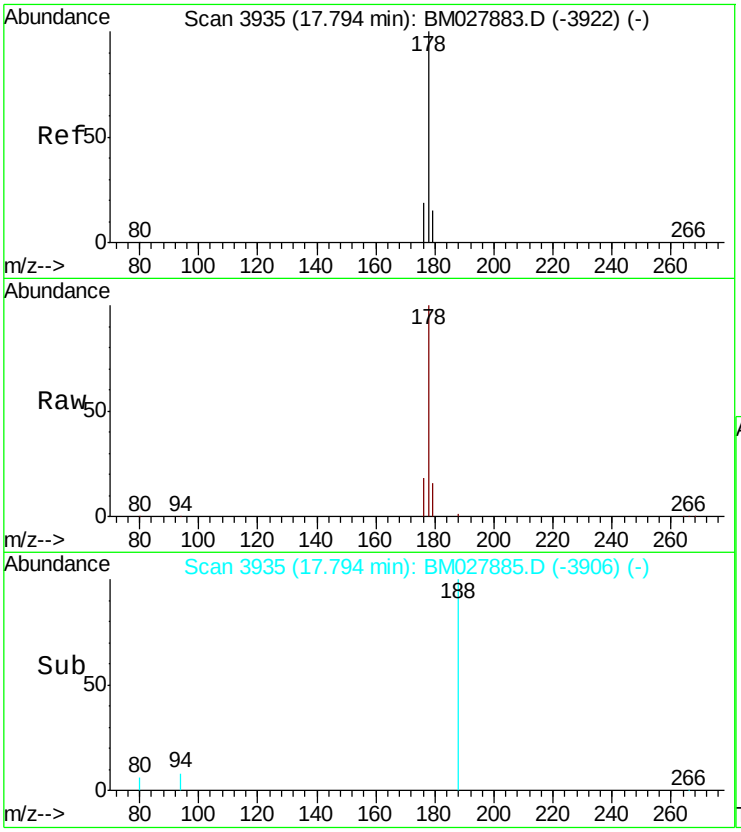


#12
Phenanthrene
Concen: 24.486 ng/ul
RT: 17.70 min Scan# 3909
Delta R.T. -0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:178 Resp: 349693

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.6	20.4
176	18.9	16.1	24.1





#13
Anthracene
Concen: 5.223 ng/ul
RT: 17.79 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:178 Resp: 71948

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.4	20.2
176	18.2	15.0	22.6

Instrument :
BNA_M
ClientSampleId :
C0B33

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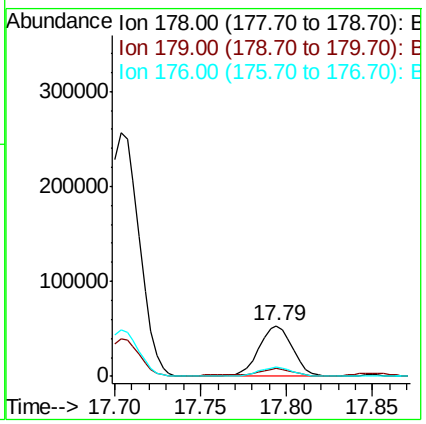
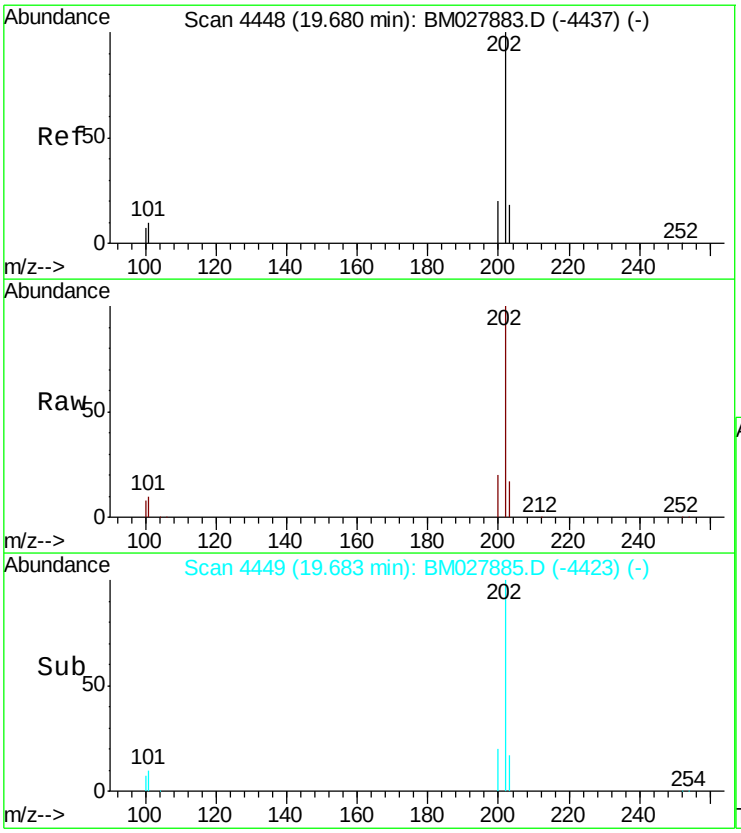
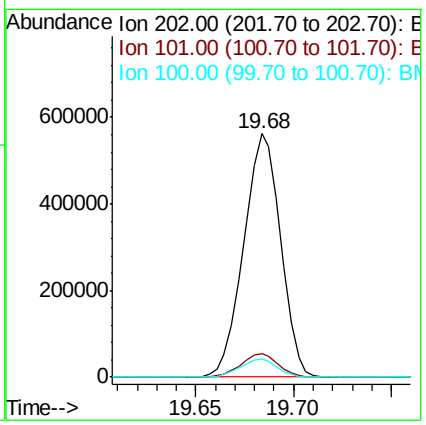


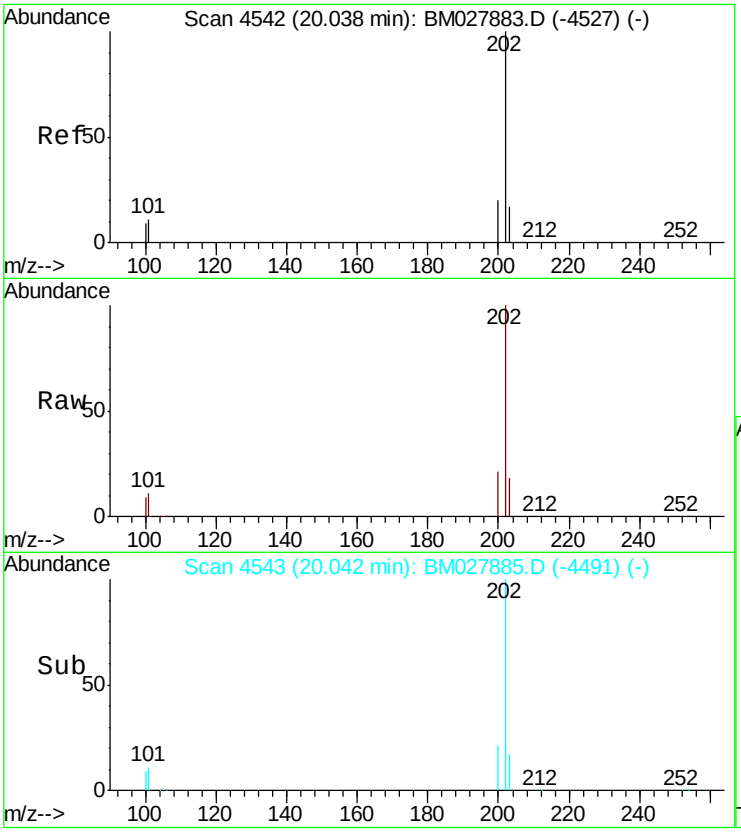


#15
Fluoranthene
Concen: 46.537 ng/ul
RT: 19.68 min Scan# 4449
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:202 Resp: 736925

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





#17
Pyrene
Concen: 31.698 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:202 Resp: 622691

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.2	12.2
100	9.2	6.9	10.3

Instrument :
BNA_M
ClientSampleId :
C0B33

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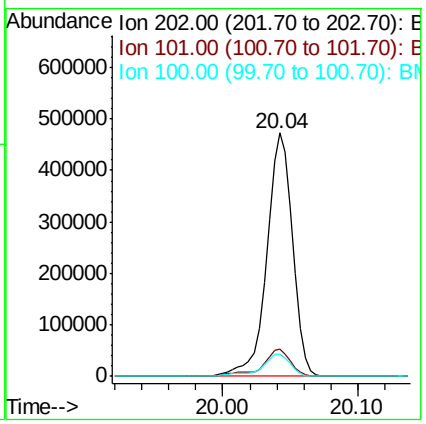
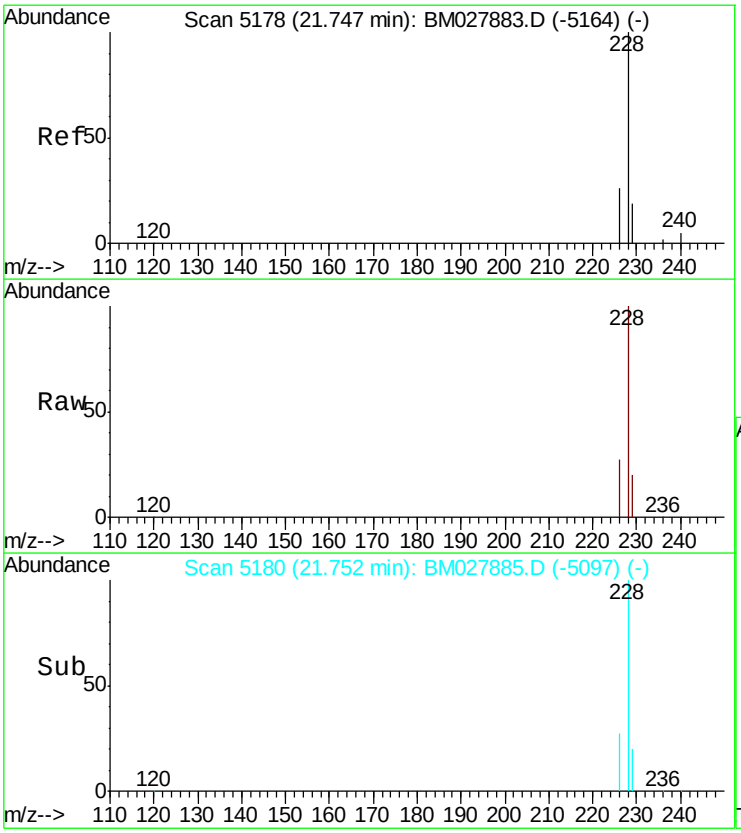
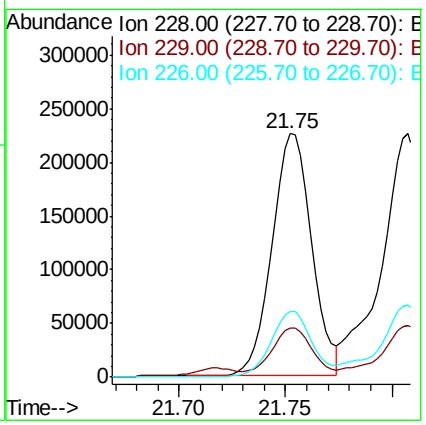


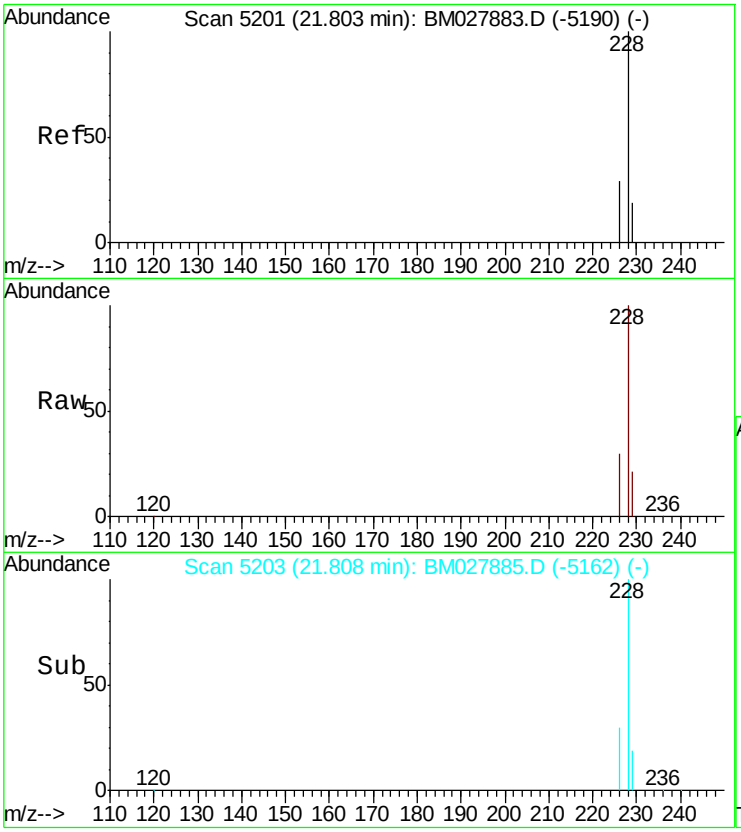


#18
Benzo(a)anthracene
Concen: 18.899 ng/ul
RT: 21.75 min Scan# 5180
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:228 Resp: 294950

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.4
226	27.0	21.5	32.3

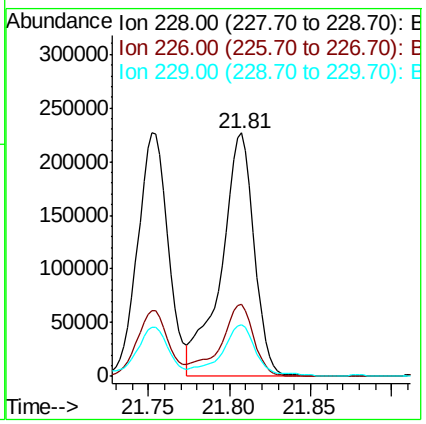




#19
Chrysene
Concen: 21.022 ng/ul
RT: 21.81 min Scan# 5203
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:228 Resp: 319556

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	21.4	16.6	24.8



Instrument :
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ClientSampleId :
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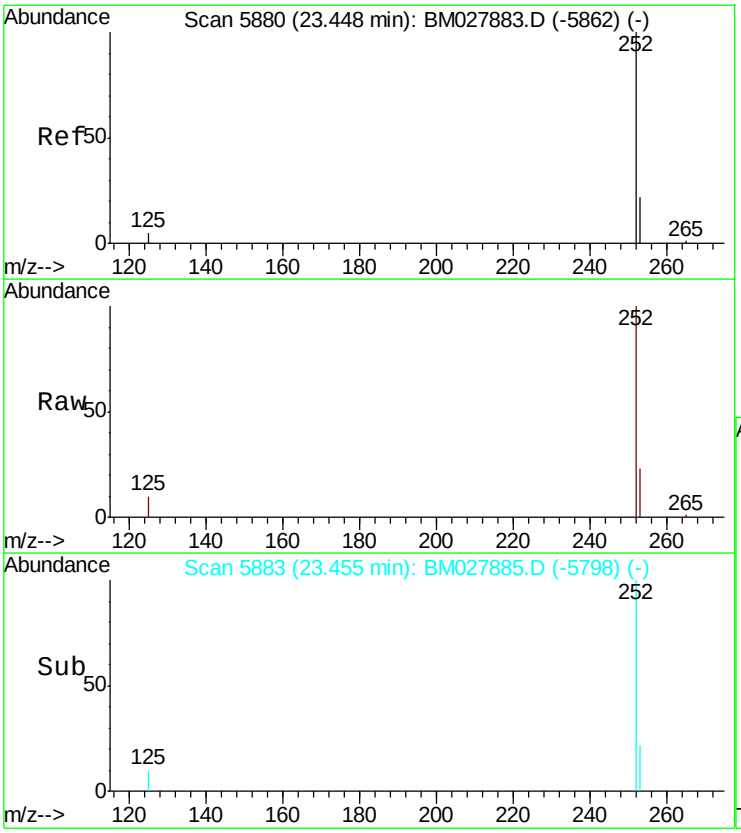
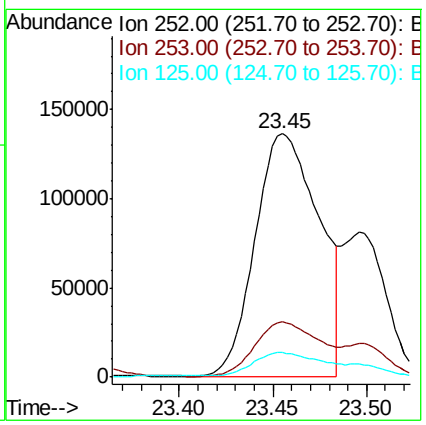
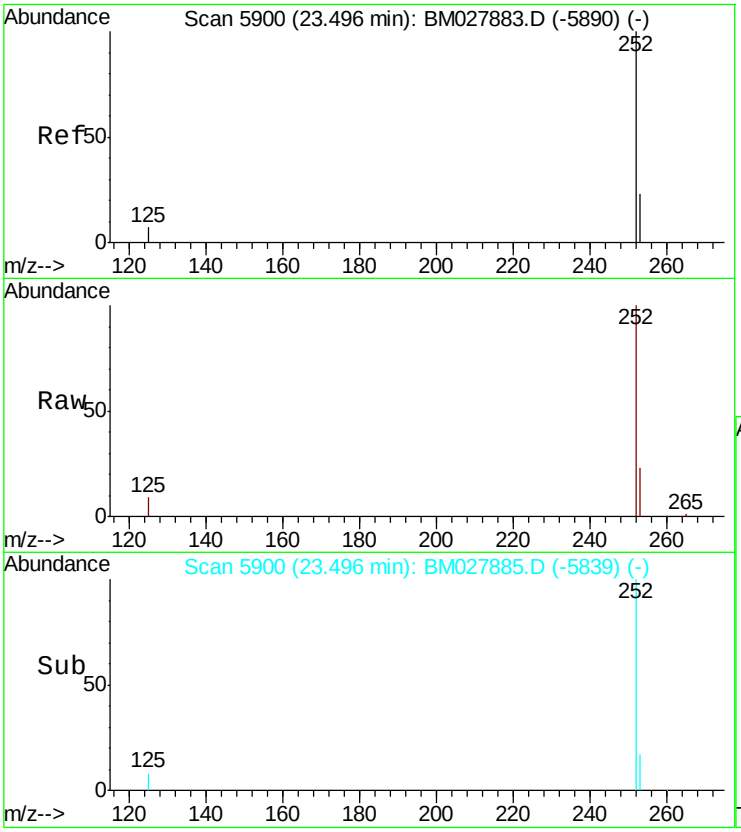


#21
Benzo(b)fluoranthene
Concen: 21.075 ng/ul m
RT: 23.45 min Scan# 5883
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:252 Resp: 322400

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	59.6
125	10.0	0.0	28.4





#22
Benzo(k)fluoranthene
Concen: 8.646 ng/ul m
RT: 23.50 min Scan# 5900
Delta R.T. -0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:252 Resp: 129530

Ion	Ratio	Lower	Upper
252	100		
253	23.0	23.2	34.8#
125	8.8	11.8	17.6#

Instrument :
BNA_M
ClientSampleId :
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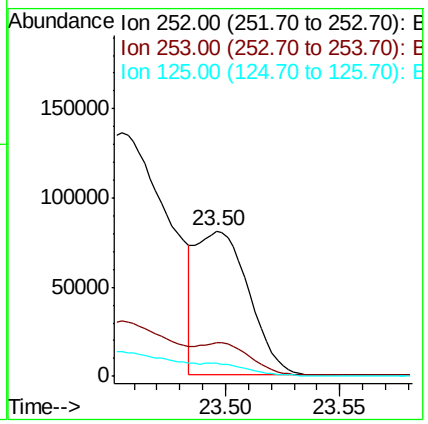
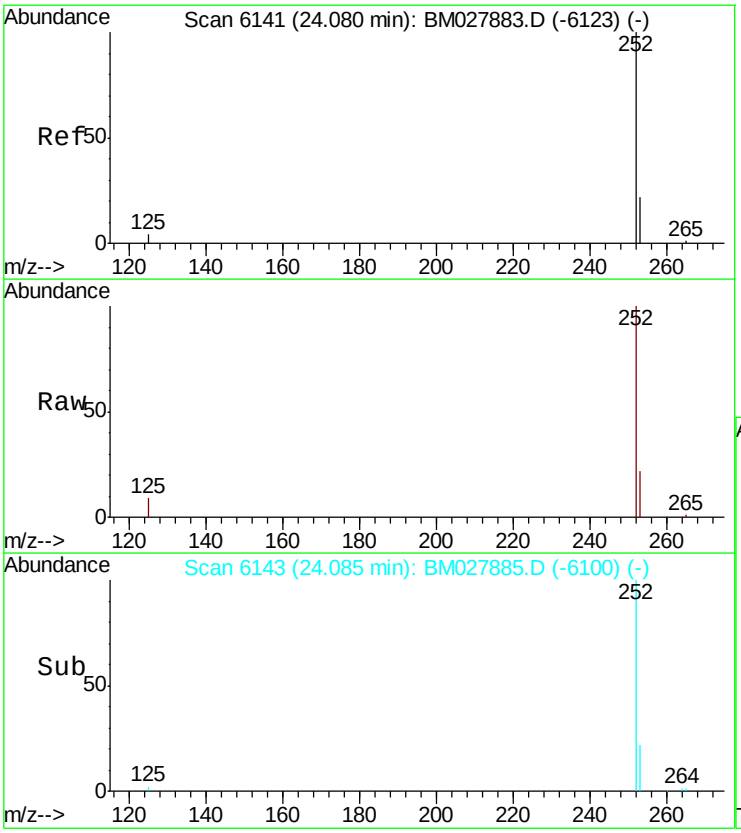
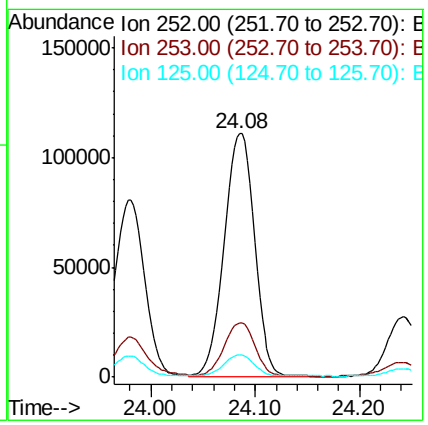


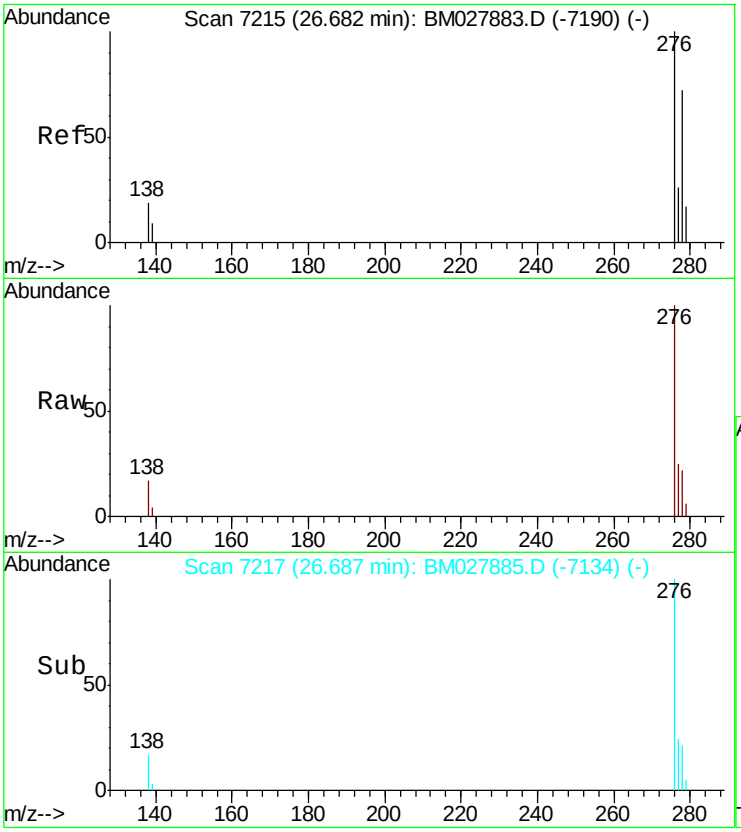


#23
Benzo(a)pyrene
Concen: 16.579 ng/ul
RT: 24.08 min Scan# 6143
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:252 Resp: 221746

Ion	Ratio	Lower	Upper
252	100		
253	22.3	25.2	37.8#
125	9.1	13.8	20.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 9.343 ng/ul
RT: 26.69 min Scan# 7217
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:276 Resp: 135304

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

Instrument :
BNA_M
ClientSampleId :
C0B33

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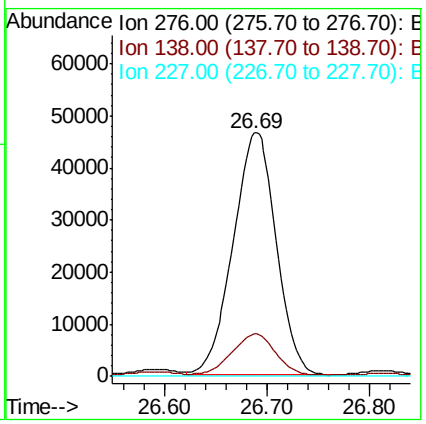
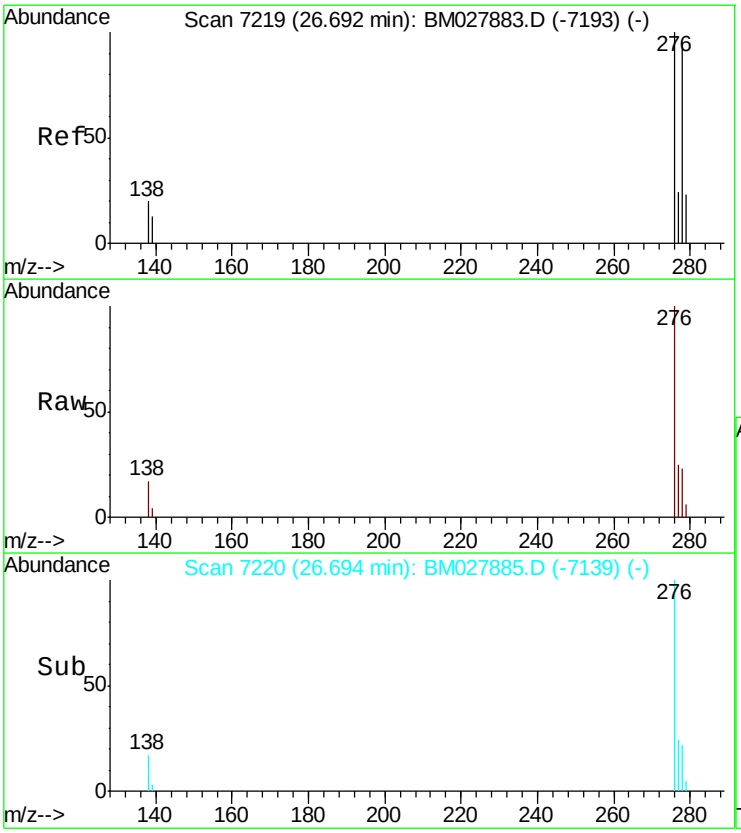
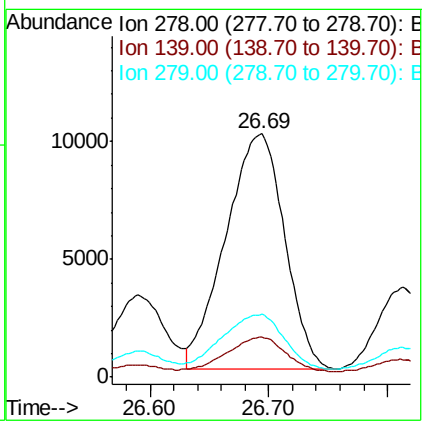


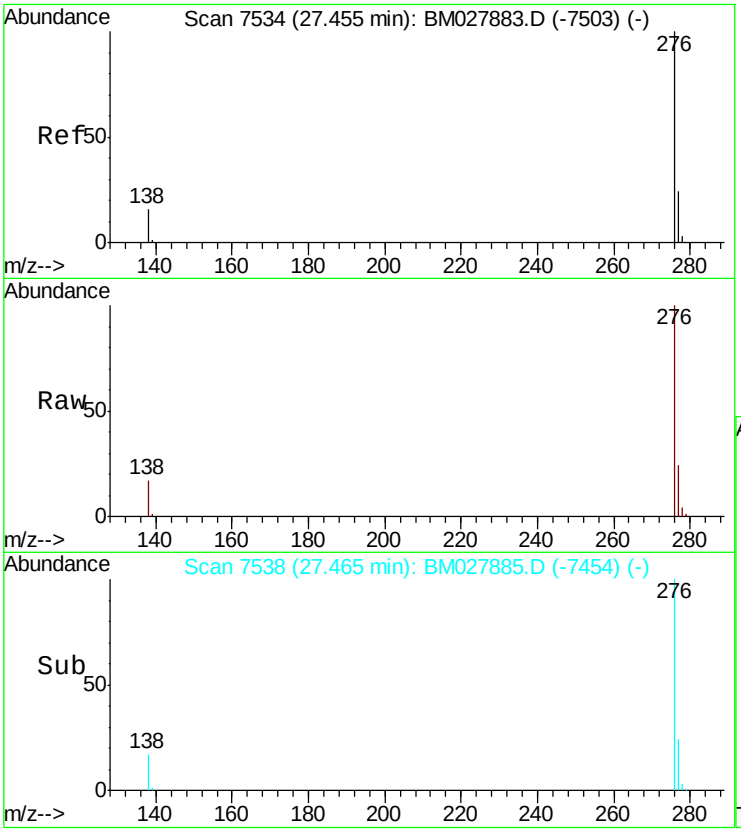


#25
Dibenzo(a,h)anthracene
Concen: 2.855 ng/ul m
RT: 26.69 min Scan# 7220
Delta R.T. -0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:278 Resp: 34428

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.8	22.2
279	25.7	25.8	38.6#

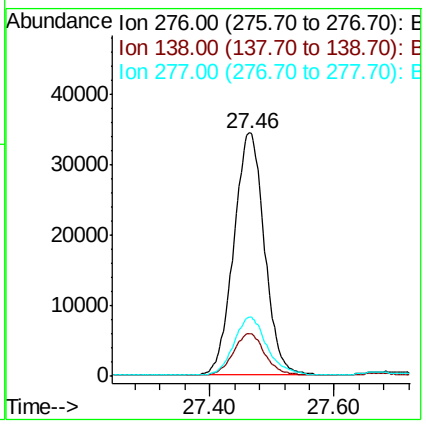




#26
Benzo(g,h,i)perylene
Concen: 9.678 ng/ul
RT: 27.46 min Scan# 7538
Delta R.T. 0.00 min
Lab File: BM027885.D
Acq: 21 Nov 2020 17:30

Tgt Ion:276 Resp: 117583

Ion	Ratio	Lower	Upper
276	100		
138	17.5	17.4	26.2
277	24.3	22.5	33.7



Instrument :
BNA_M
ClientSampleId :
C0B33

Manual Integrations APPROVED
mohammad
11/24/2020 8:58:54 AM