Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027926.D
Acq On : 23 Nov 2020 22:51
Operator : JU/CG
Sample : L4711-04DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AZ8DL

Quant Time: Nov 24 00:46:11 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 : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	1370	0.40	ng/ul	0.00
2) Naphthalene-d8	11.16	136	5306	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2987	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	5007	0.40	ng/ul	0.00
16) Chrysene-d12	21.76	240	2790	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2592	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1147	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	1499	0.11	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.21	128	444	0.028	ng/ul#	69
5) 2-Methylnaphthalene	12.80	142	307	0.028	ng/ul	99
7) Acenaphthylene	14.67	152	1190	0.082	ng/ul#	88
8) Acenaphthene	15.01	153	284	0.026	ng/ul#	89
9) Fluorene	15.98	166	392	0.031	ng/ul#	92
12) Phenanthrene	17.70	178	8731	0.552	ng/ul	99
13) Anthracene	17.79	178	2003	0.131	ng/ul	95
15) Fluoranthene	19.68	202	18629	1.062	ng/ul	98
17) Pyrene	20.03	202	15833	1.117	ng/ul	96
18) Benzo(a)anthracene	21.74	228	7409	0.658	ng/ul	97
19) Chrysene	21.80	228	8519	0.777	ng/ul	97
21) Benzo(b)fluoranthene	23.44	252	13252	1.217	ng/ul#	45
22) Benzo(k)fluoranthene	23.44	252	13252	1.242	ng/ul#	45
23) Benzo(a)pyrene	24.07	252	6523	0.685	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	26.67	276	4532	0.439	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.67	278	1230	0.143	ng/ul#	44
26) Benzo(g,h,i)perylene	27.45	276	4438	0.513	ng/ul	97

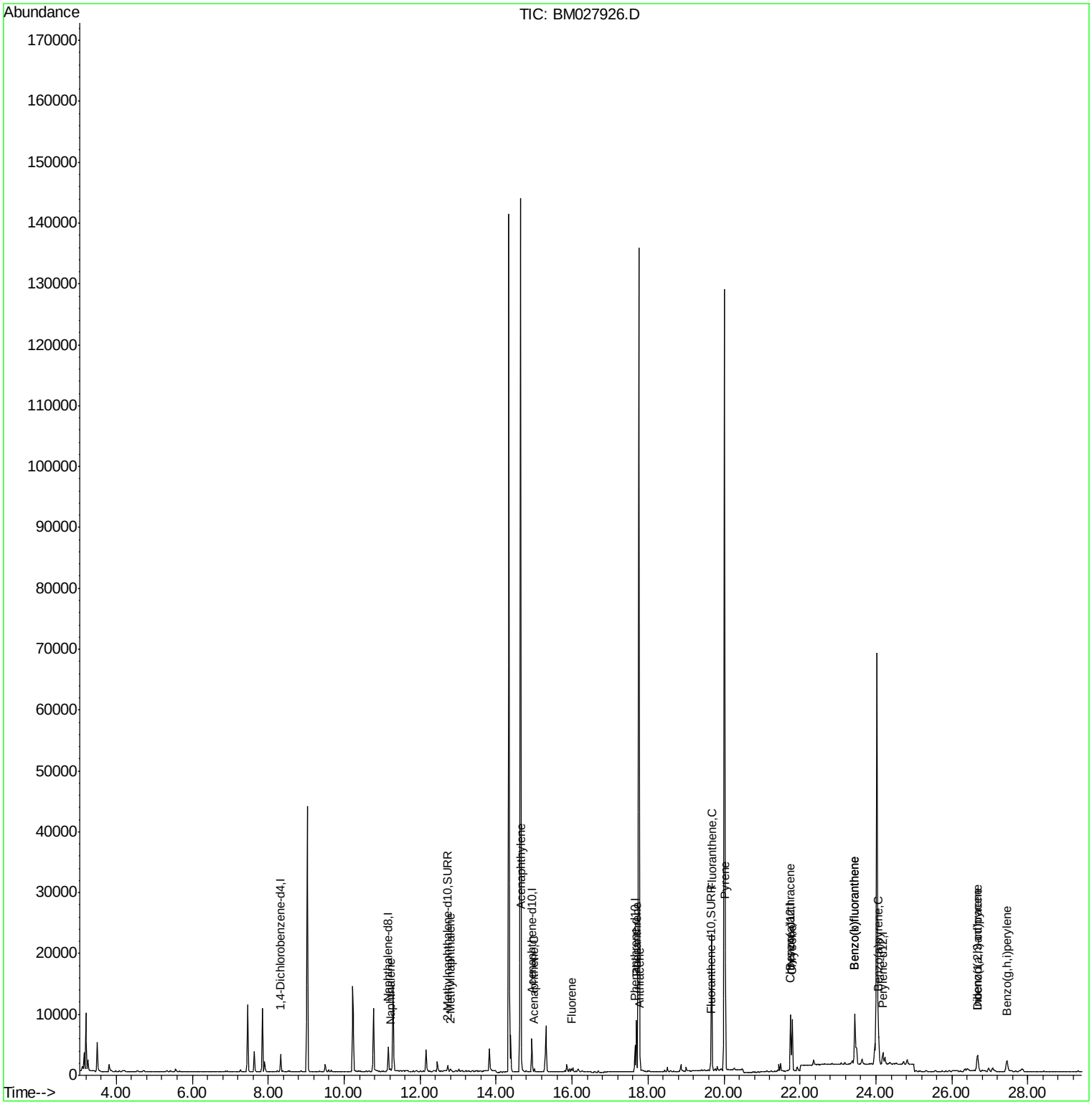
(#) = qualifier out of range (m) = manual integration (+) = signals summed

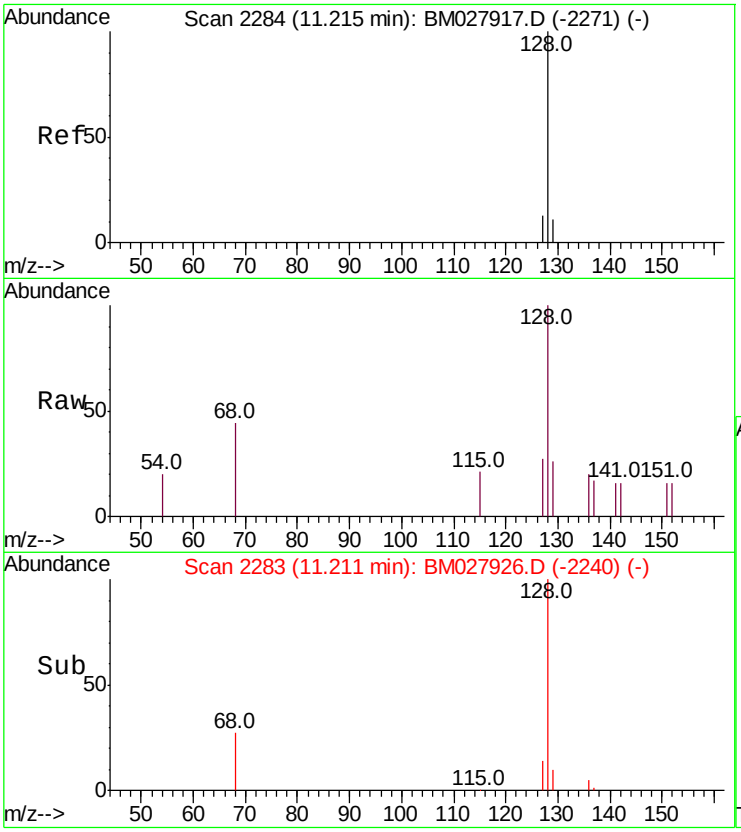
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112320\
Data File : BM027926.D
Acq On : 23 Nov 2020 22:51
Operator : JU/CG
Sample : L4711-04DL 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Quant Time: Nov 24 00:46:11 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 : Tue Nov 24 00:42:23 2020
Response via : Initial Calibration



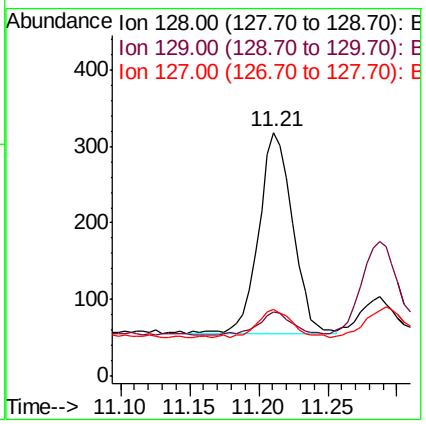


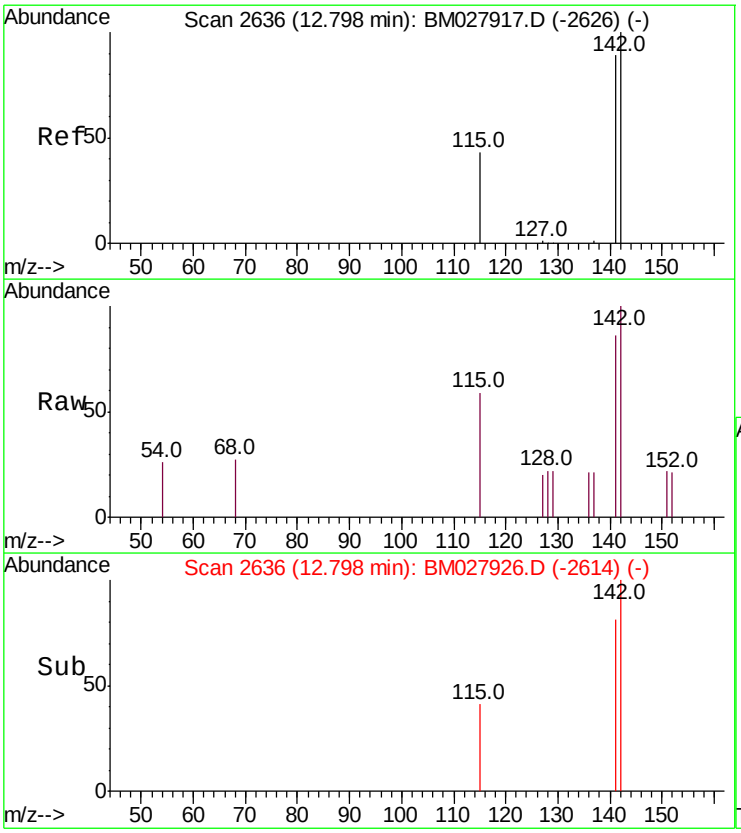
#3
Naphthalene
Concen: 0.028 ng/ul
RT: 11.21 min Scan# 2283
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:128 Resp: 444

Ion	Ratio	Lower	Upper
128	100		
129	26.1	10.4	15.6#
127	27.4	12.0	18.0#

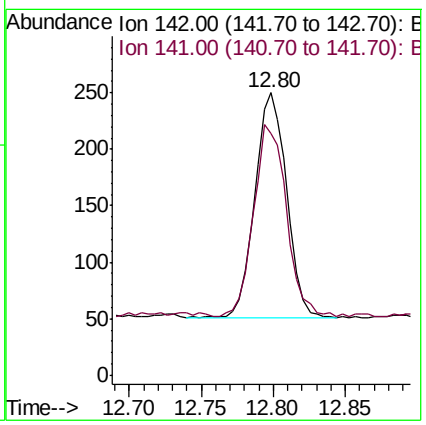


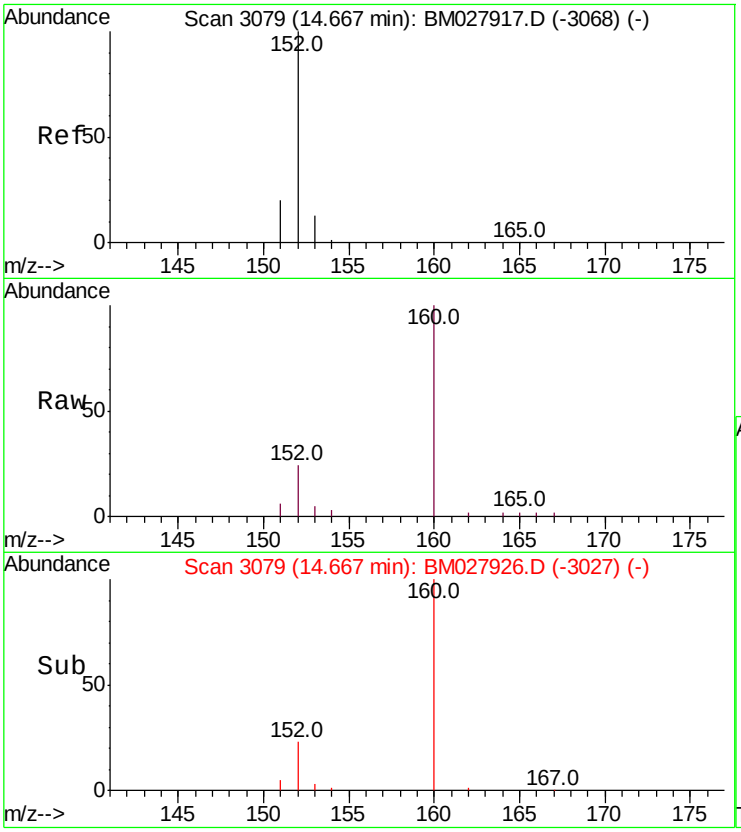


#5
2-Methylnaphthalene
Concen: 0.028 ng/ul
RT: 12.80 min Scan# 2636
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:142 Resp: 307

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4



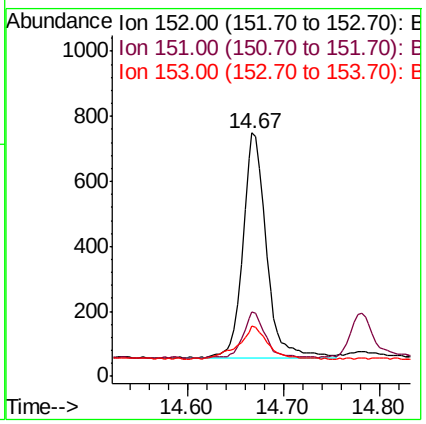


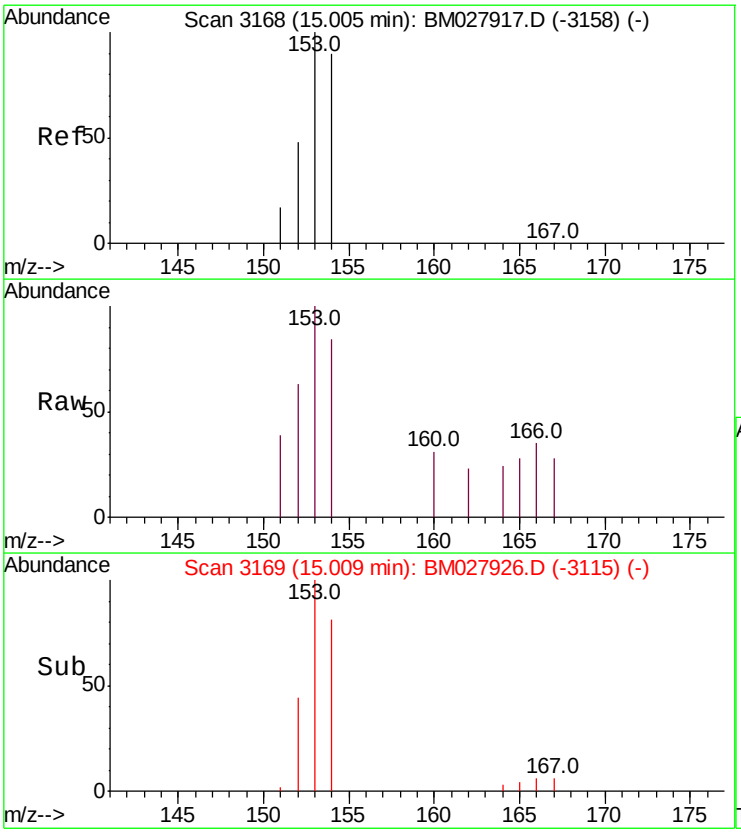
#7
Acenaphthylene
Concen: 0.082 ng/ul
RT: 14.67 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:152 Resp: 1190

Ion	Ratio	Lower	Upper
152	100		
151	26.4	17.1	25.7#
153	20.6	12.0	18.0#

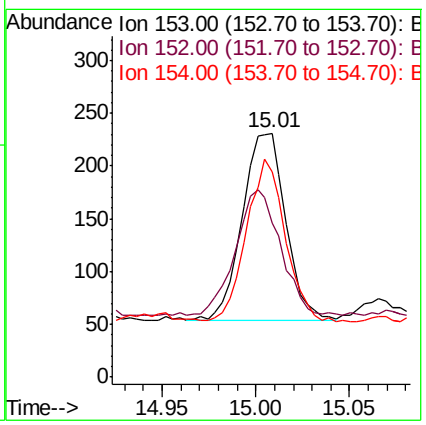


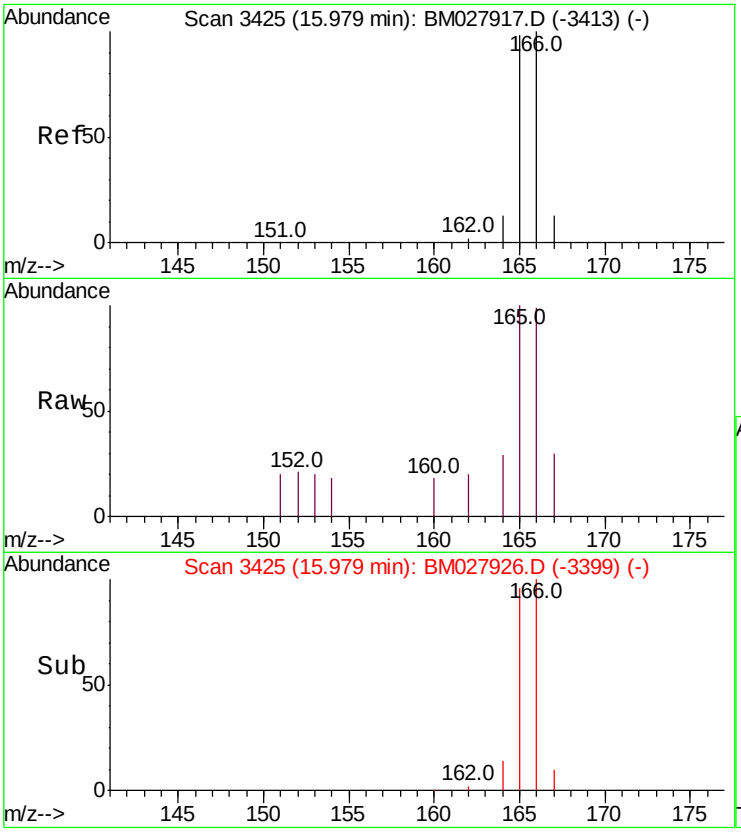


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:153 Resp: 284

Ion	Ratio	Lower	Upper
153	100		
152	63.2	39.0	58.6#
154	84.4	71.6	107.4



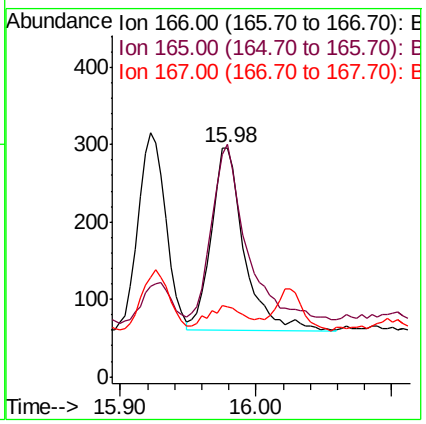


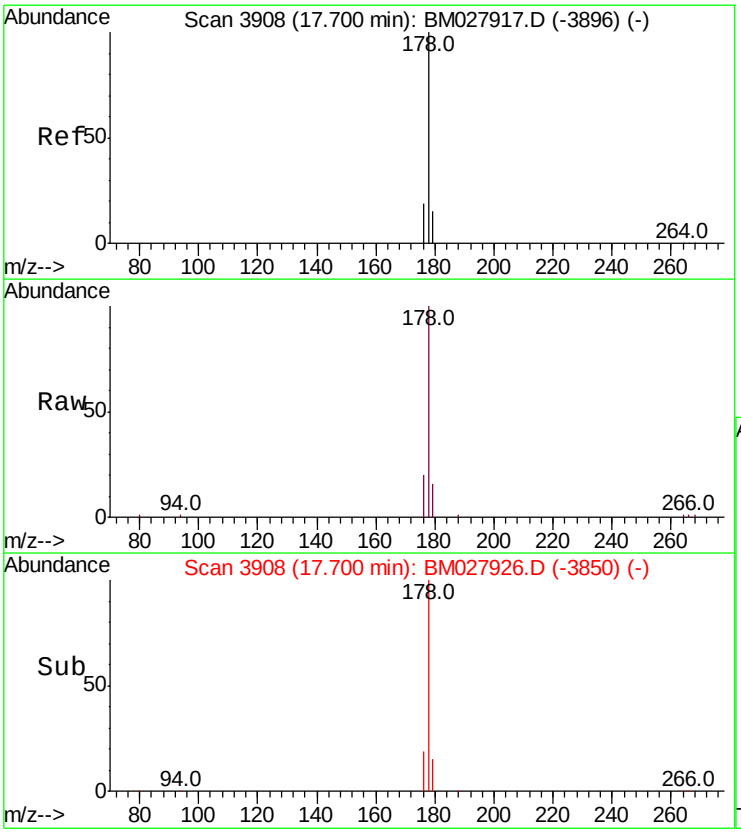
#9
Fluorene
Concen: 0.031 ng/ul
RT: 15.98 min Scan# 3425
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:166 Resp: 392

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.1	117.1
167	30.7	11.8	17.8#

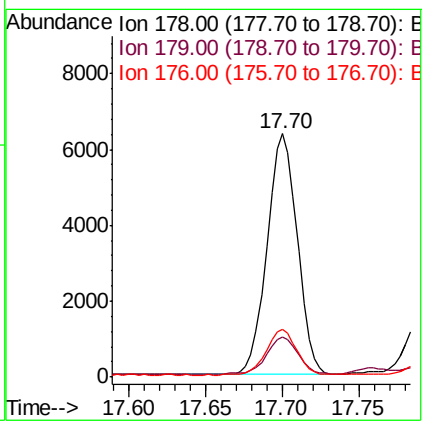


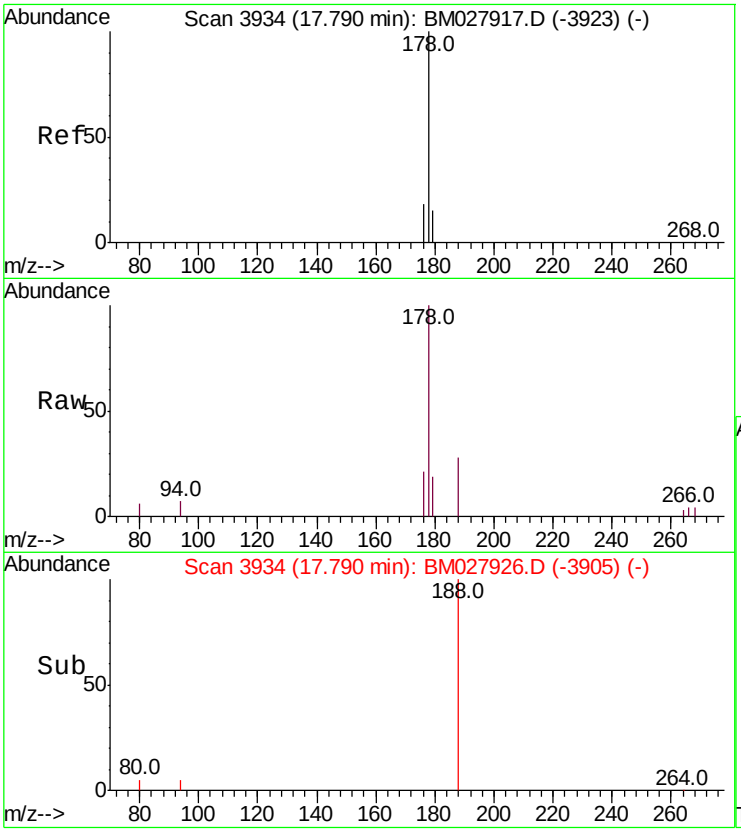


#12
Phenanthrene
Concen: 0.552 ng/ul
RT: 17.70 min Scan# 3908
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:178 Resp: 8731

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.6	20.4
176	19.5	16.1	24.1



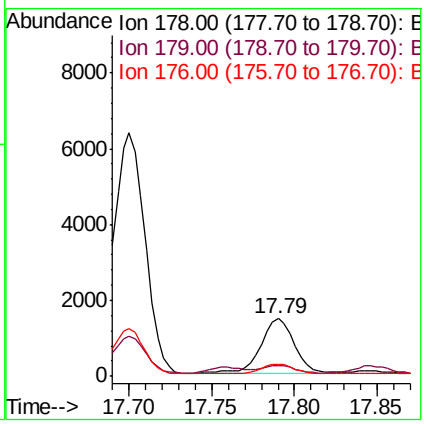


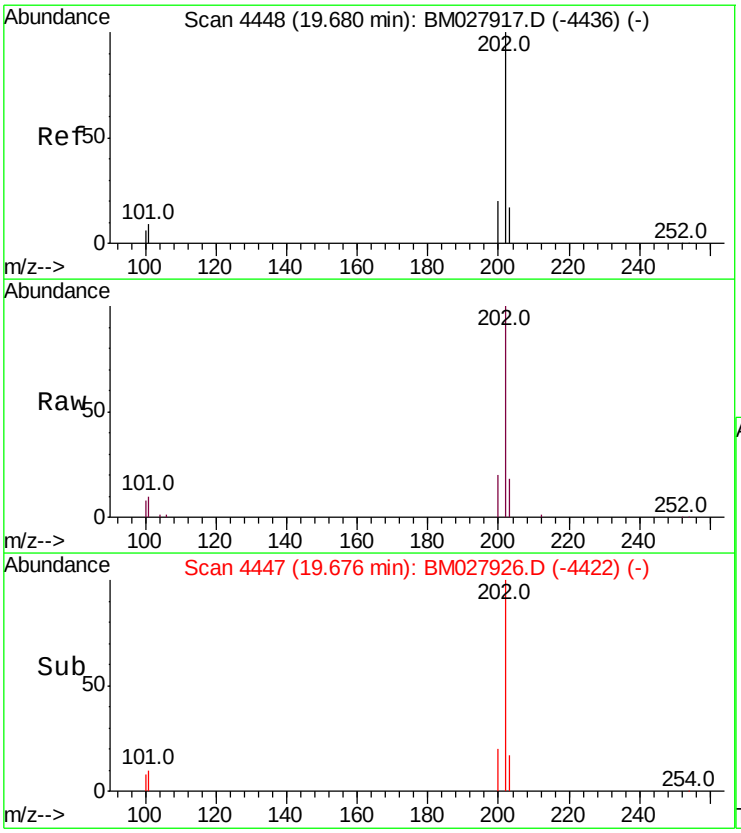
#13
Anthracene
Concen: 0.131 ng/ul
RT: 17.79 min Scan# 3934
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:178 Resp: 2003

Ion	Ratio	Lower	Upper
178	100		
179	19.4	13.4	20.2
176	21.0	15.0	22.6

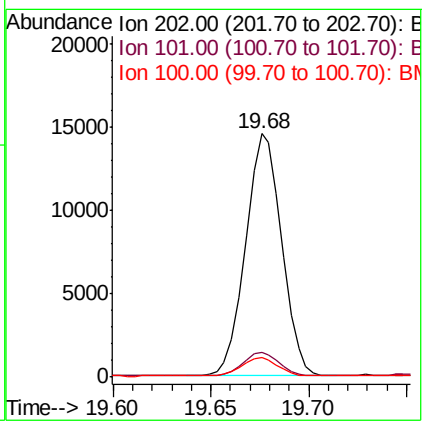


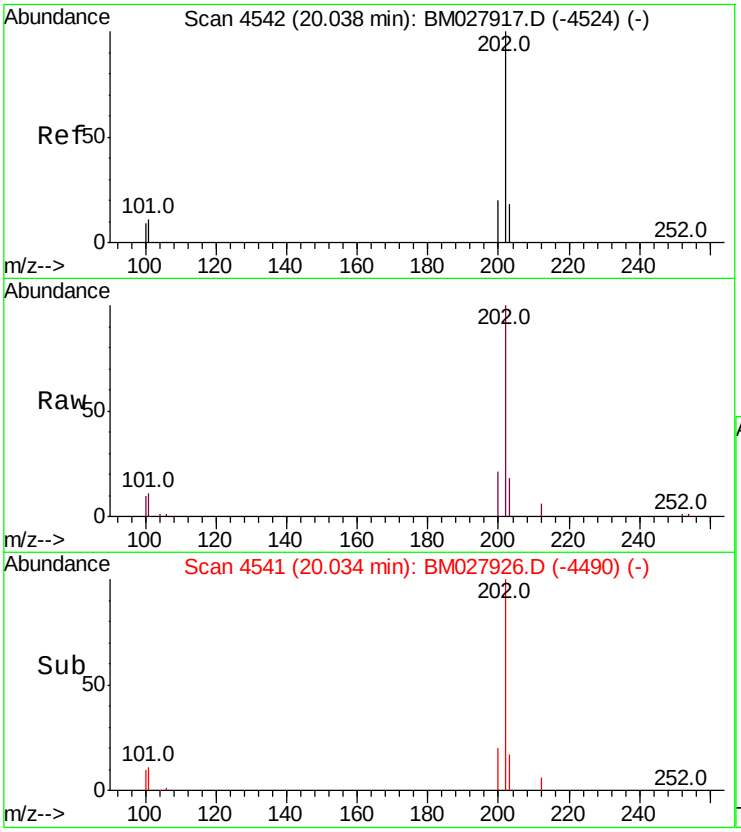


#15
Fluoranthene
Concen: 1.062 ng/ul
RT: 19.68 min Scan# 4447
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:202 Resp: 18629

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	29.3
100	8.1	0.0	27.4



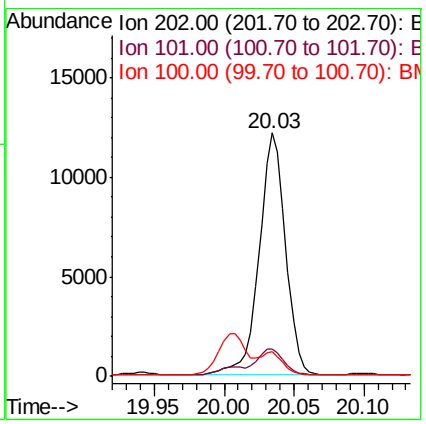


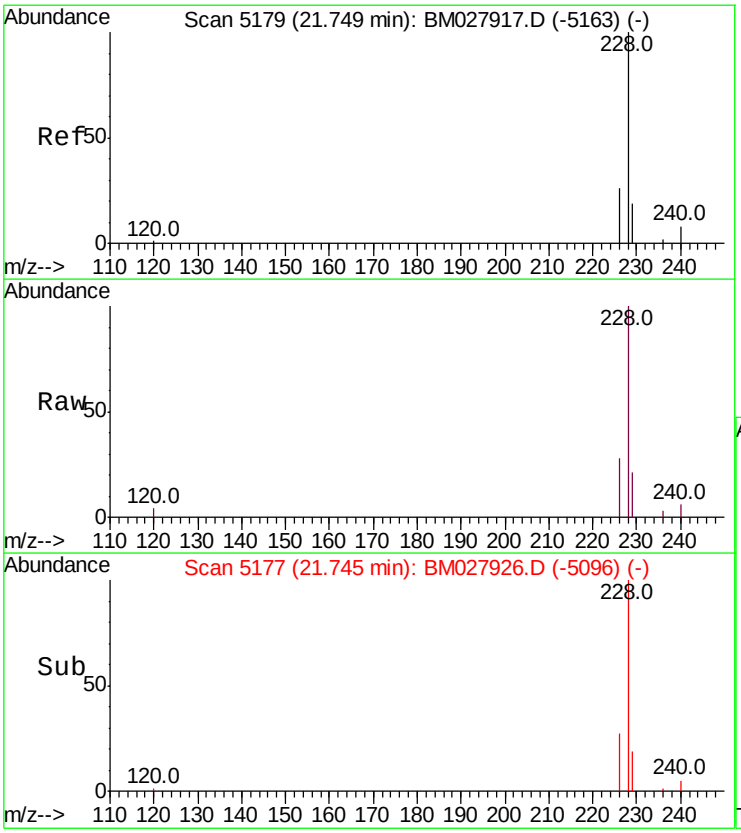
#17
Pyrene
Concen: 1.117 ng/ul
RT: 20.03 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument : BNA_M
ClientSampleId : C0AZ8DL

Tgt Ion:202 Resp: 15833

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.2	12.2
100	10.0	6.9	10.3

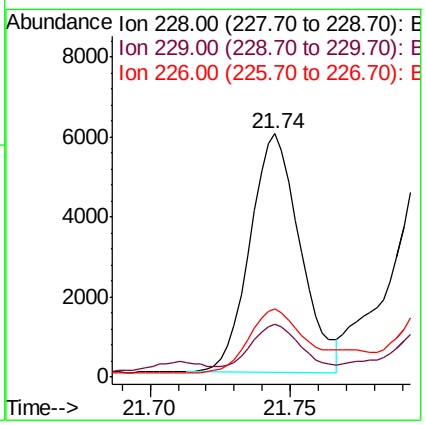


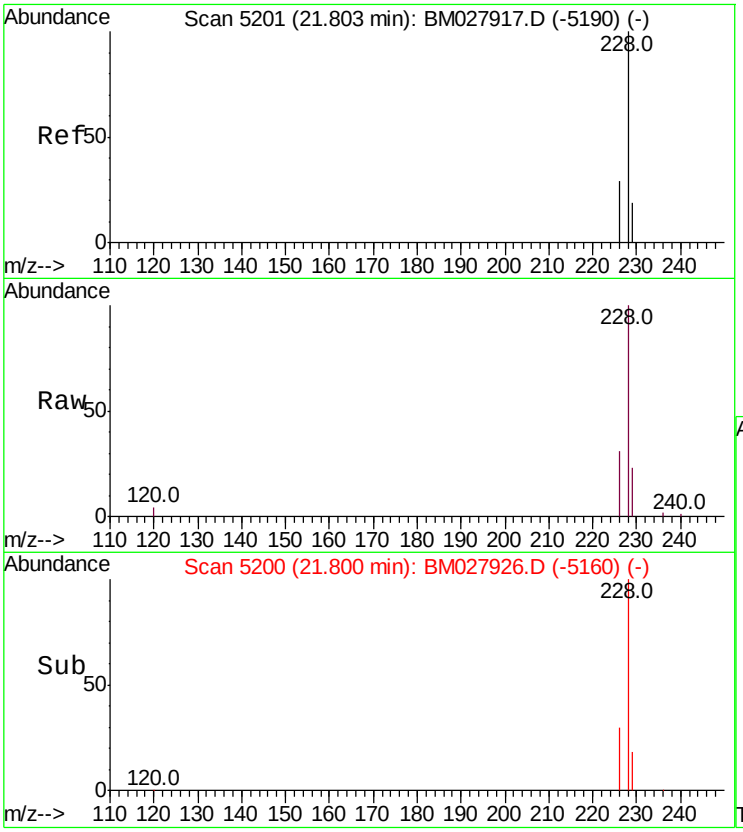


#18
Benzo(a)anthracene
Concen: 0.658 ng/ul
RT: 21.74 min Scan# 5177
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:228 Resp: 7409

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.4
226	28.3	21.5	32.3



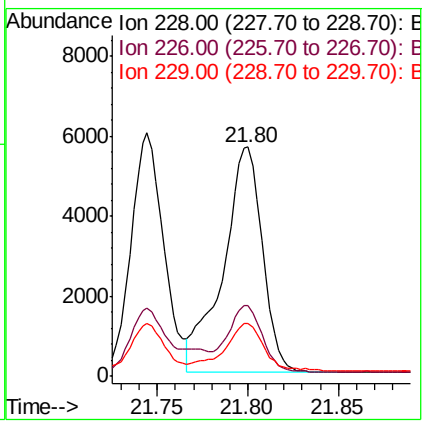


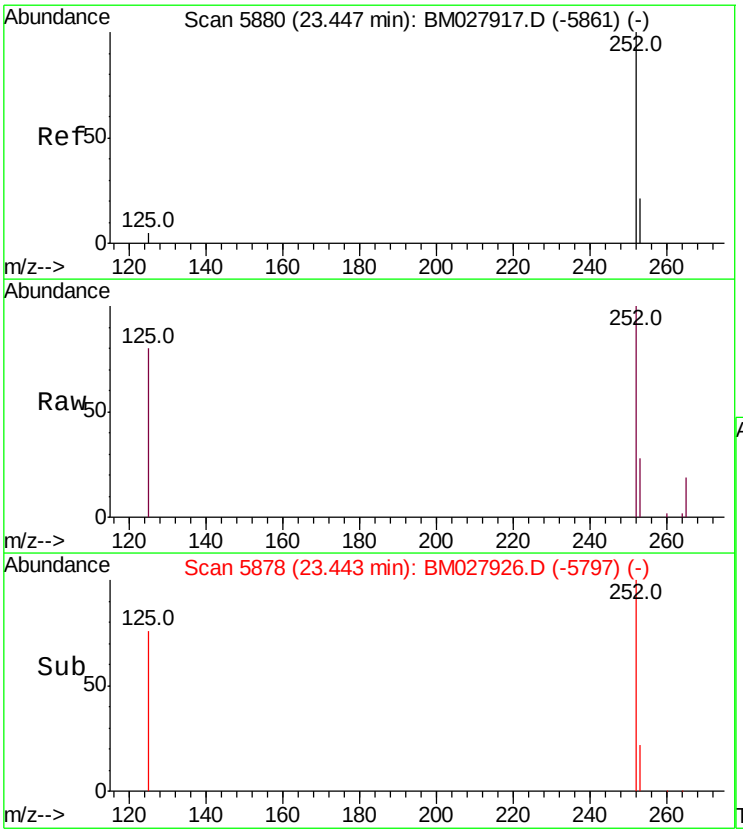
#19
Chrysene
Concen: 0.777 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:228 Resp: 8519

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.1	36.1
229	22.8	16.6	24.8

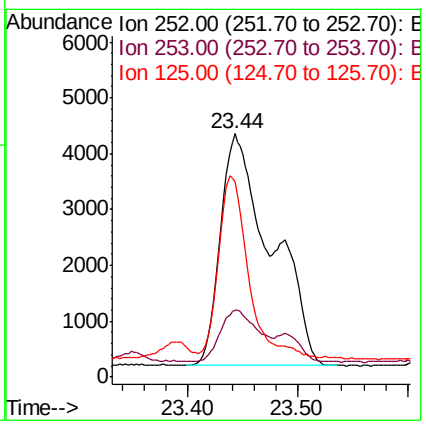


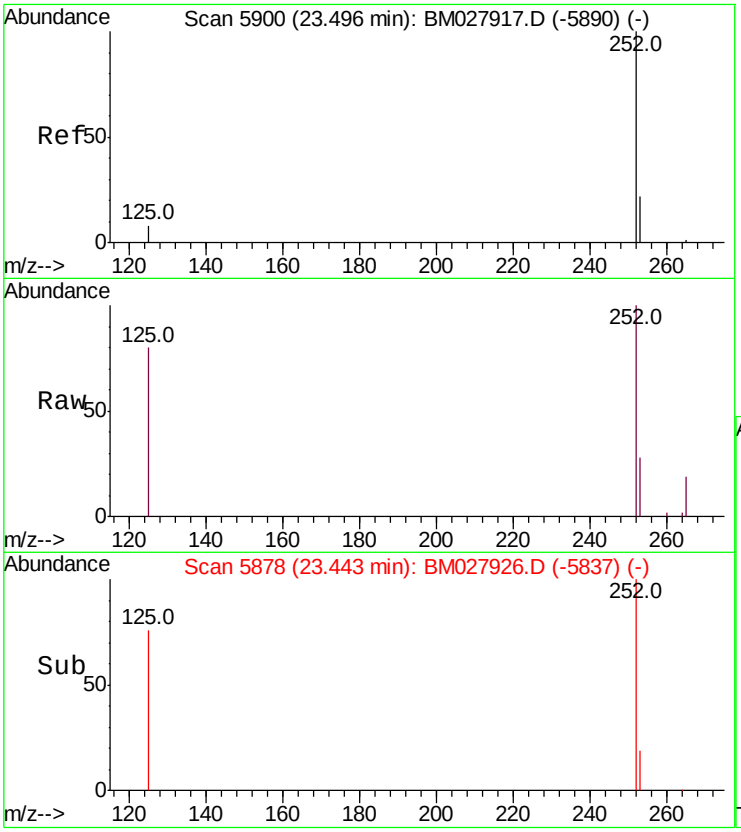


#21
Benzo(b)fluoranthene
Concen: 1.217 ng/ul
RT: 23.44 min Scan# 5878
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:252 Resp: 13252

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	59.6
125	80.2	0.0	28.4#



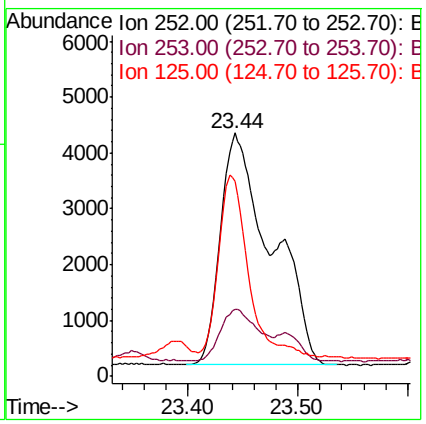


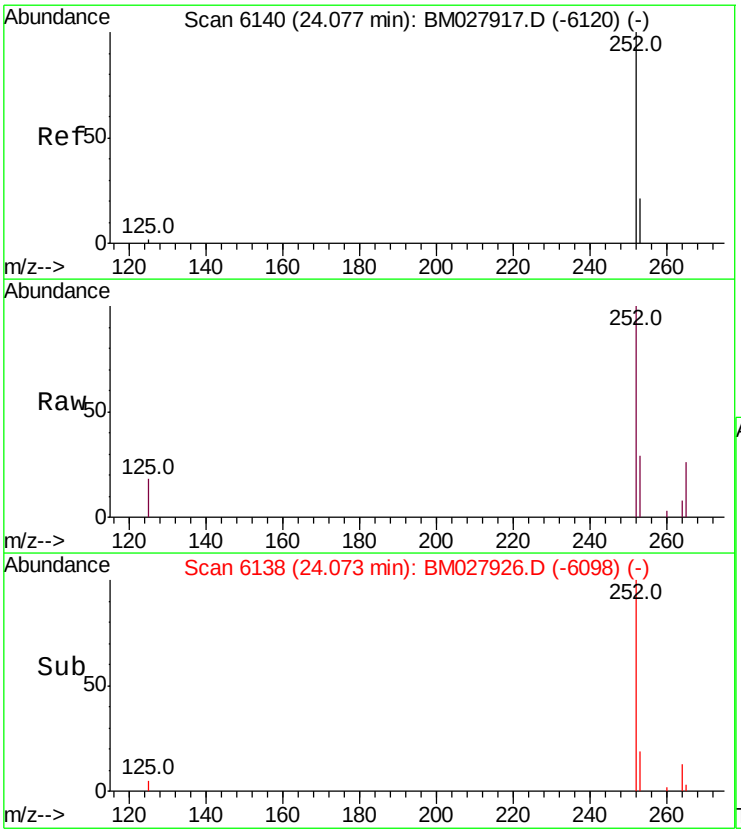
#22
Benzo(k)fluoranthene
Concen: 1.242 ng/ul
RT: 23.44 min Scan# 5878
Delta R.T. -0.05 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:252 Resp: 13252

Ion	Ratio	Lower	Upper
252	100		
253	27.7	23.2	34.8
125	80.2	11.8	17.6#

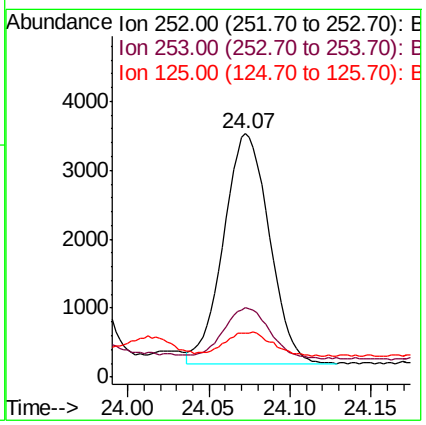


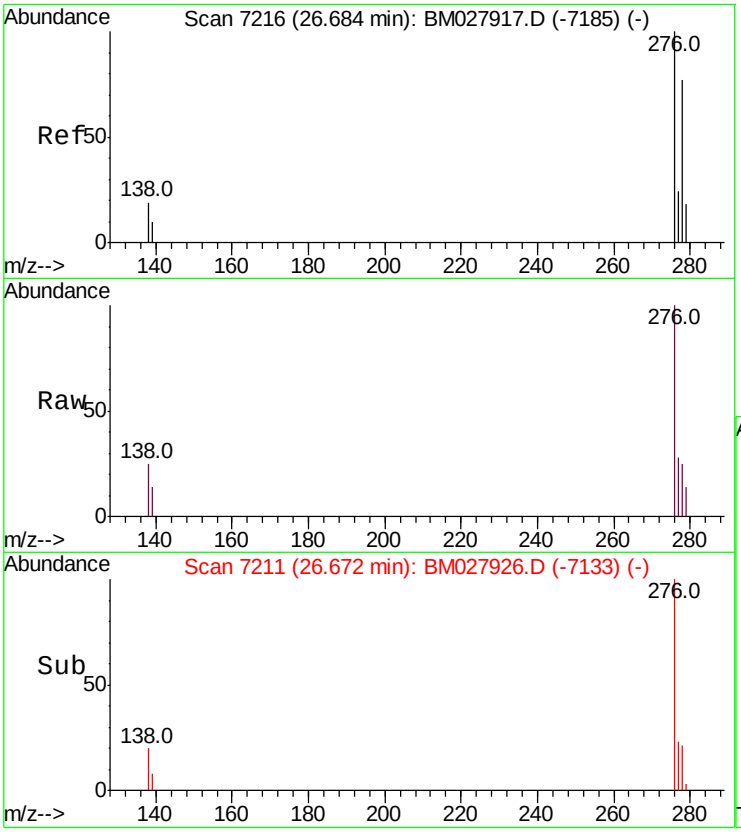


#23
Benzo(a)pyrene
Concen: 0.685 ng/ul
RT: 24.07 min Scan# 6138
Delta R.T. -0.00 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:252 Resp: 6523

Ion	Ratio	Lower	Upper
252	100		
253	28.5	25.2	37.8
125	17.8	13.8	20.6



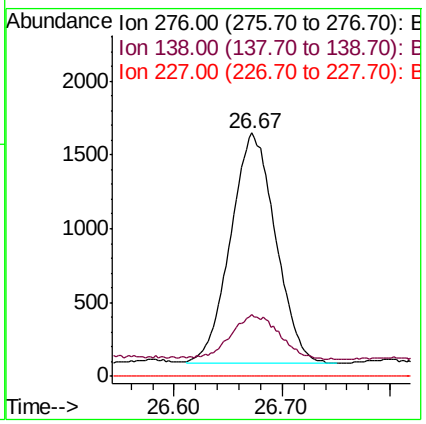


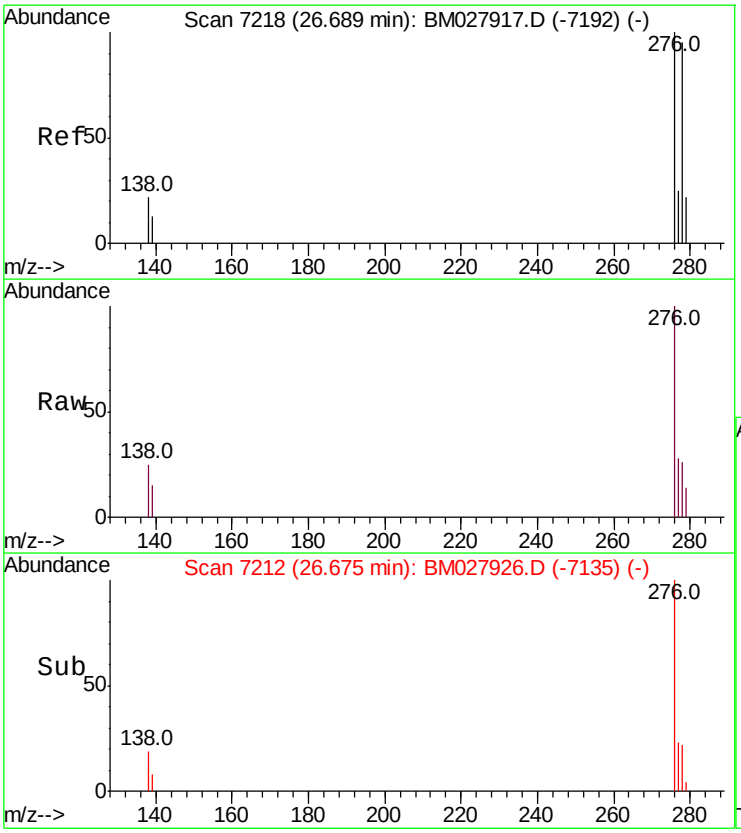
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.67 min Scan# 7211
Delta R.T. -0.01 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:276 Resp: 4532

Ion	Ratio	Lower	Upper
276	100		
138	20.5	15.7	23.5
227	0.0	0.0	0.0

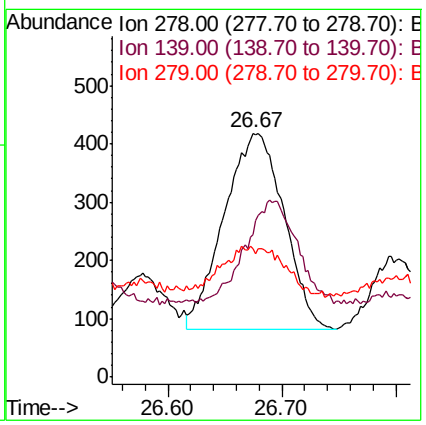


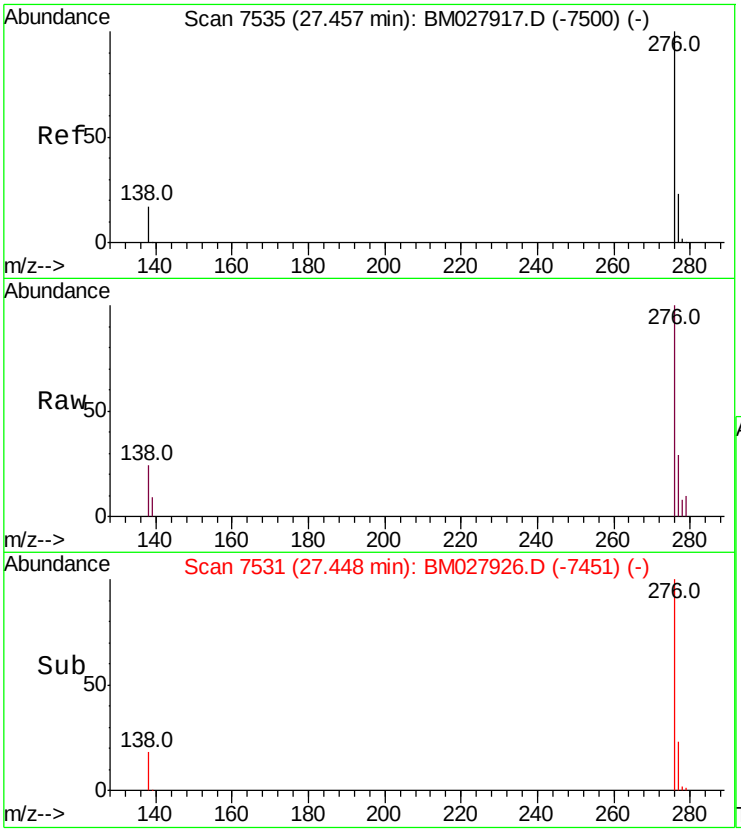


#25
Dibenzo(a,h)anthracene
Concen: 0.143 ng/ul
RT: 26.67 min Scan# 7212
Delta R.T. -0.01 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Tgt Ion:278 Resp: 1230

Ion	Ratio	Lower	Upper
278	100		
139	58.4	14.8	22.2#
279	52.9	25.8	38.6#





#26
Benzo(g,h,i)perylene
Concen: 0.513 ng/ul
RT: 27.45 min Scan# 7531
Delta R.T. -0.01 min
Lab File: BM027926.D
Acq: 23 Nov 2020 22:51

Instrument :
BNA_M
ClientSampleId :
C0AZ8DL

Tgt Ion:276 Resp: 4438

Ion	Ratio	Lower	Upper
276	100		
138	24.2	17.4	26.2
277	28.6	22.5	33.7