Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100220\

Quantitation Report (Not Reviewed)

Data File : BM027590.D
Acq On : 02 Oct 2020 20:35
Operator : JU/CG
Sample : L4166-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC2

Quant Time: Oct 03 01:37:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	1128	0.40	ng/ul	0.00
2) Naphthalene-d8	10.58	136	3266	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.43	164	2353	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.17	188	5726	0.40	ng/ul	0.00
16) Chrysene-d12	21.35	240	6234	0.40	ng/ul	0.00
20) Perylene-d12	23.61	264	6470	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.17	152	823	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.20	212	2419	0.15	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.63	128	492	0.051	ng/ul#	74
7) Acenaphthylene	14.15	152	713	0.059	ng/ul#	83
9) Fluorene	15.48	166	215	0.020	ng/ul#	87
12) Phenanthrene	17.30	178	4207	0.238	ng/ul	98
13) Anthracene	17.30	178	4191	0.242	ng/ul	98
15) Fluoranthene	19.22	202	5257	0.247	ng/ul	99
17) Pyrene	19.59	202	20501	0.721	ng/ul#	96
18) Benzo(a)anthracene	21.38	228	17777	0.727	ng/ul	96
19) Chrysene	21.38	228	17752	0.701	ng/ul	99
21) Benzo(b)fluoranthene	22.93	252	31881	1.223	ng/ul	98
22) Benzo(k)fluoranthene	22.93	252	31881	1.176	ng/ul	97
23) Benzo(a)pyrene	23.51	252	13249	0.568	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.89	276	7395	0.246	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.89	278	2298	0.093	ng/ul#	66
26) Benzo(g,h,i)perylene	26.58	276	5721	0.226	ng/ul	95

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

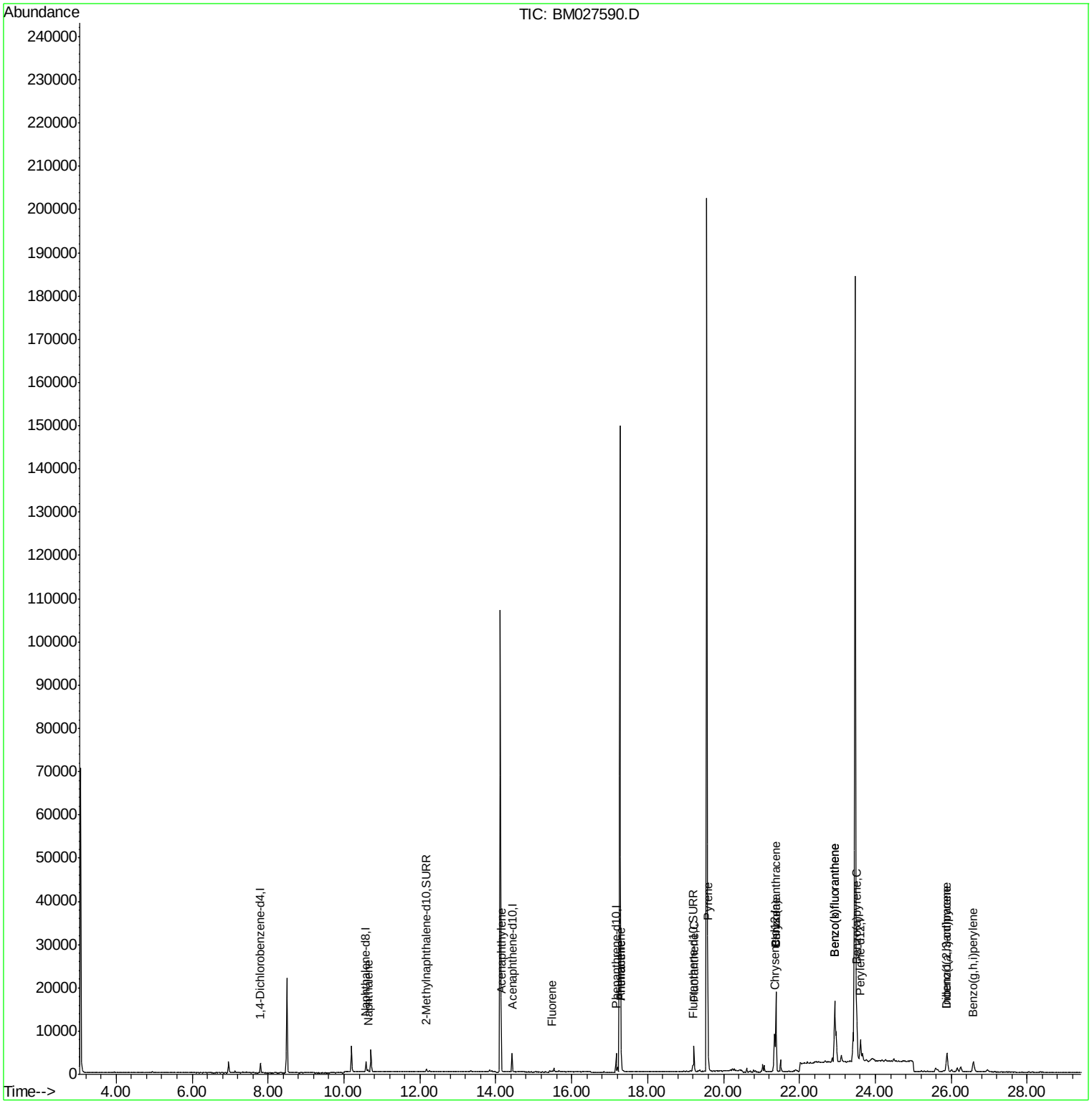
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100220\

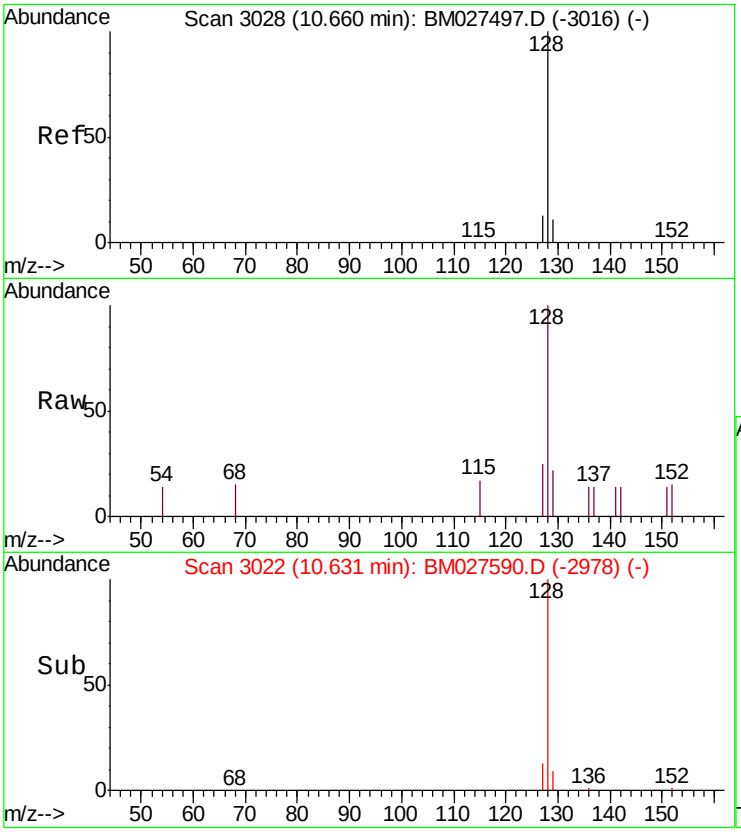
Quantitation Report (Not Reviewed)

Data File : BM027590.D
Acq On : 02 Oct 2020 20:35
Operator : JU/CG
Sample : L4166-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC2

Quant Time: Oct 03 01:37:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 02 13:04:03 2020
Response via : Initial Calibration



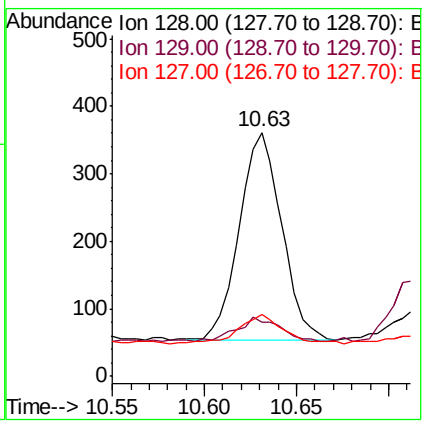


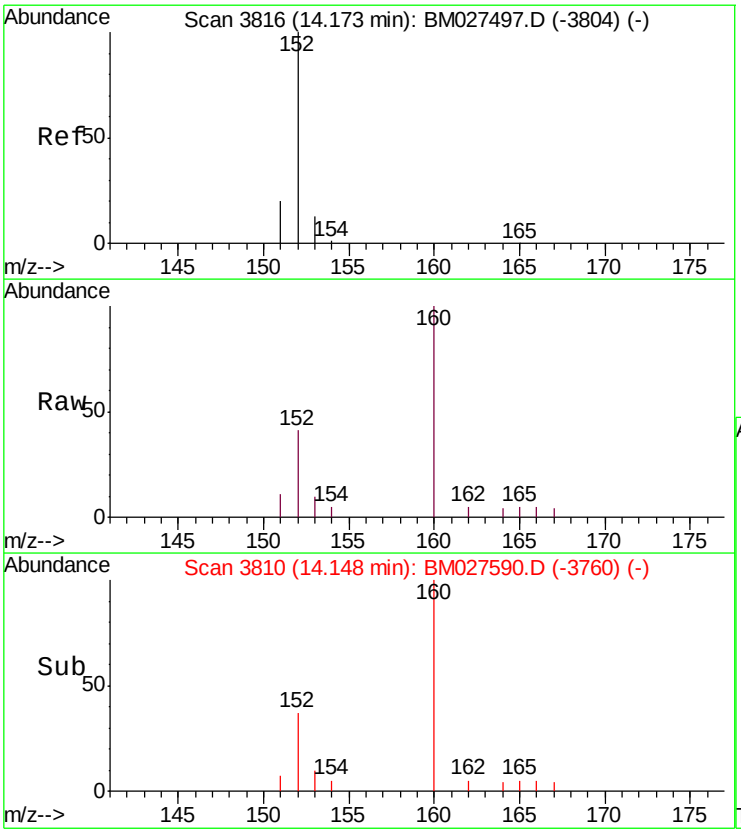
#3
Naphthalene
Concen: 0.051 ng/ul
RT: 10.63 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:128 Resp: 492

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.9	14.9#
127	25.2	11.4	17.2#

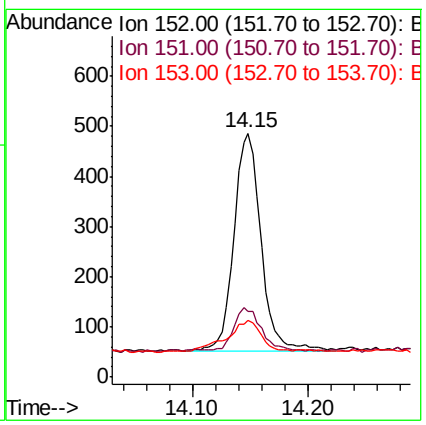


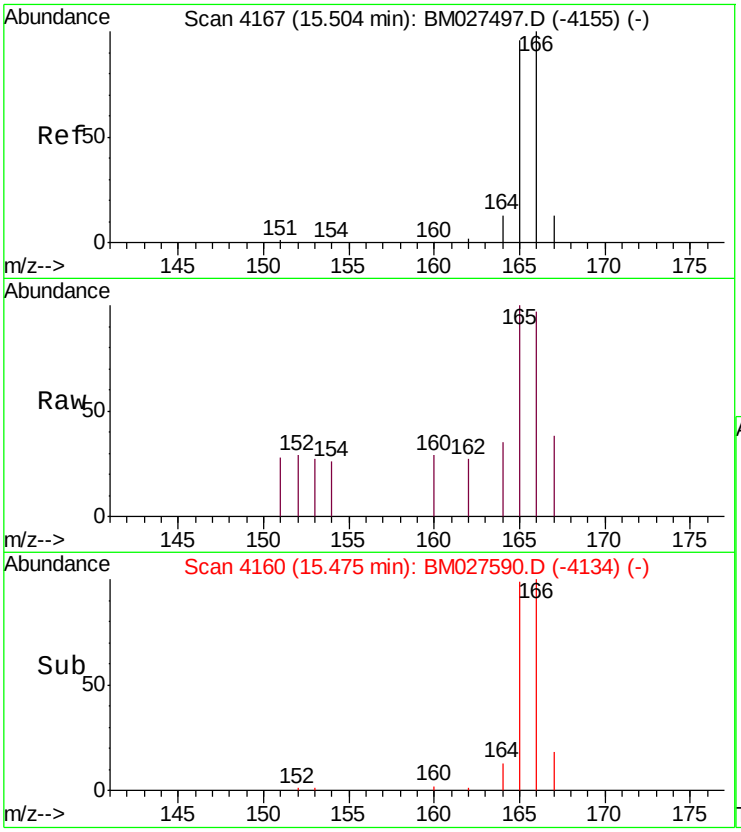


#7
Acenaphthylene
Concen: 0.059 ng/ul
RT: 14.15 min Scan# 3810
Delta R.T. -0.00 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:152 Resp: 713

Ion	Ratio	Lower	Upper
152	100		
151	27.2	16.6	24.8#
153	23.5	11.4	17.0#



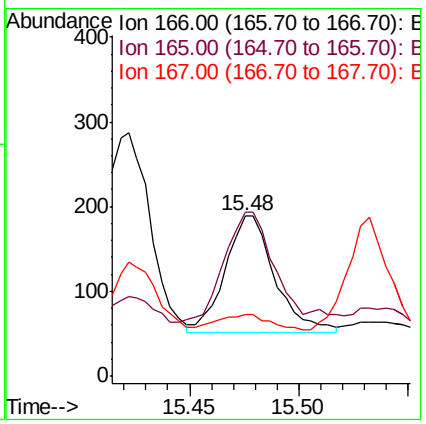


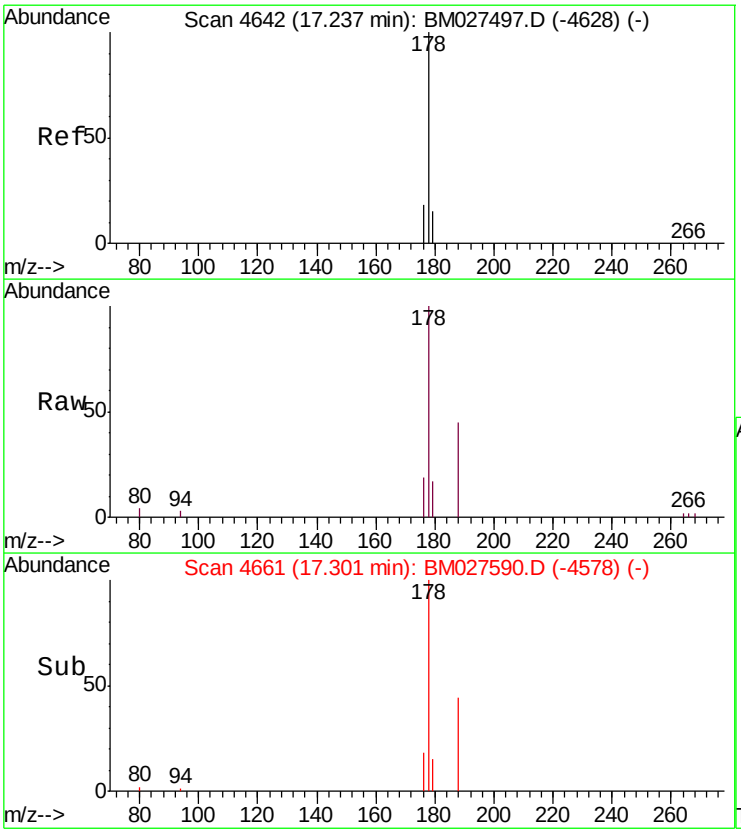
#9
Fluorene
Concen: 0.020 ng/ul
RT: 15.48 min Scan# 4160
Delta R.T. -0.00 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:166 Resp: 215

Ion	Ratio	Lower	Upper
166	100		
165	102.6	77.2	115.8
167	38.6	11.1	16.7#

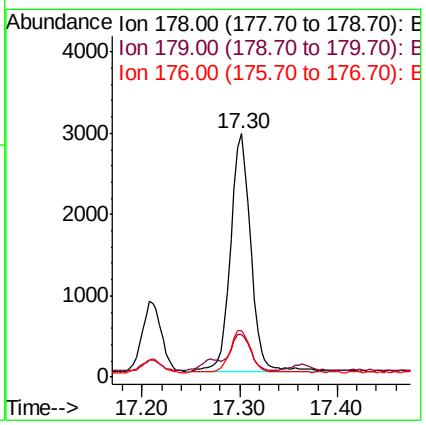


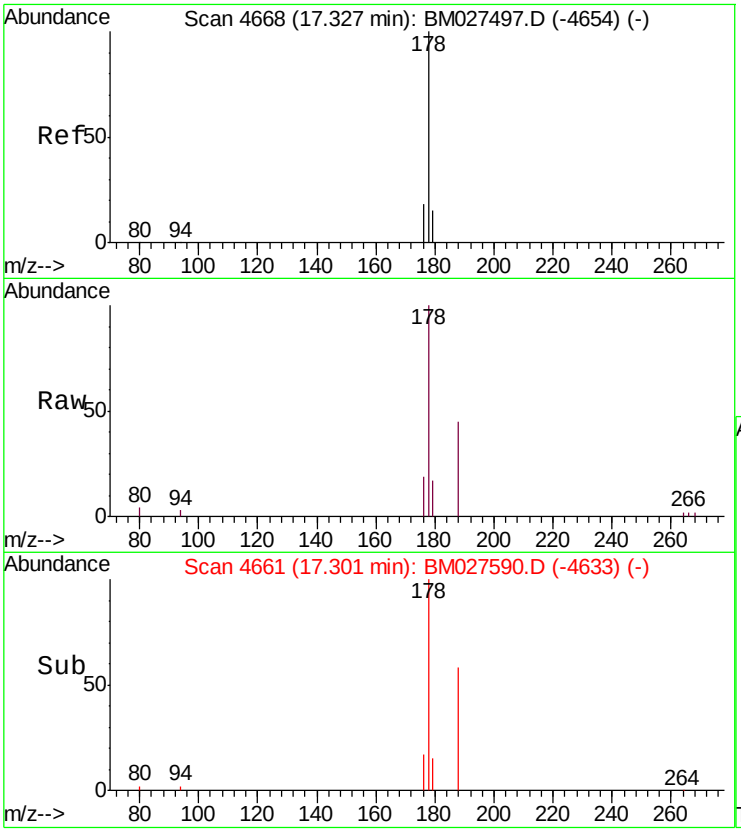


#12
Phenanthrene
Concen: 0.238 ng/ul
RT: 17.30 min Scan# 4661
Delta R.T. 0.09 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:178 Resp: 4207

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.9	19.3
176	19.2	15.3	22.9



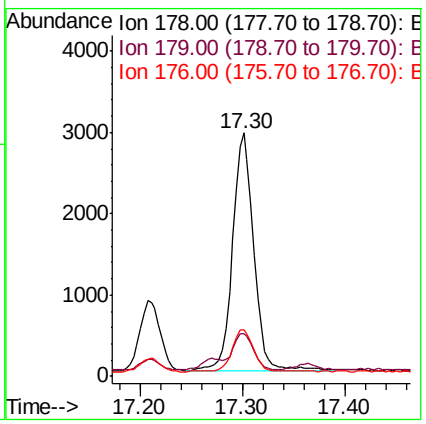


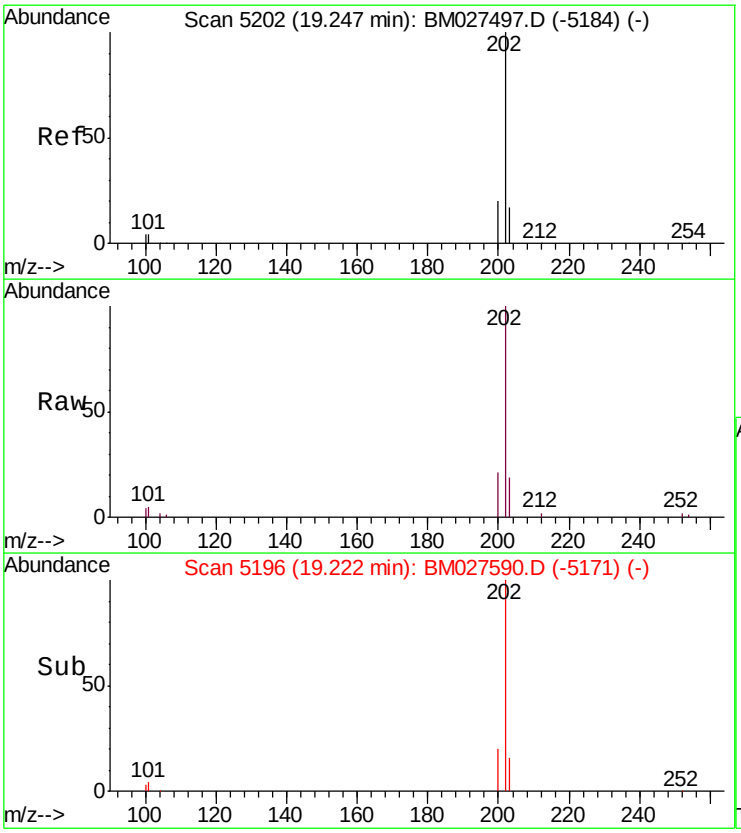
#13
Anthracene
Concen: 0.242 ng/ul
RT: 17.30 min Scan# 4661
Delta R.T. -0.00 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:178 Resp: 4191

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.4
176	19.2	15.2	22.8

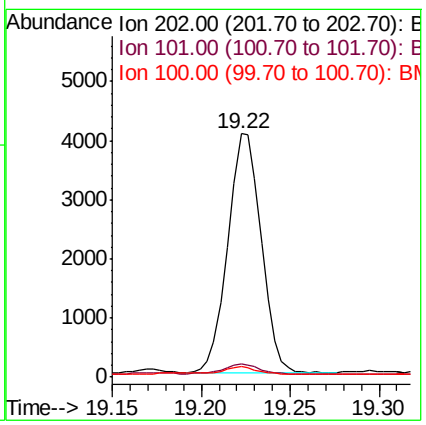


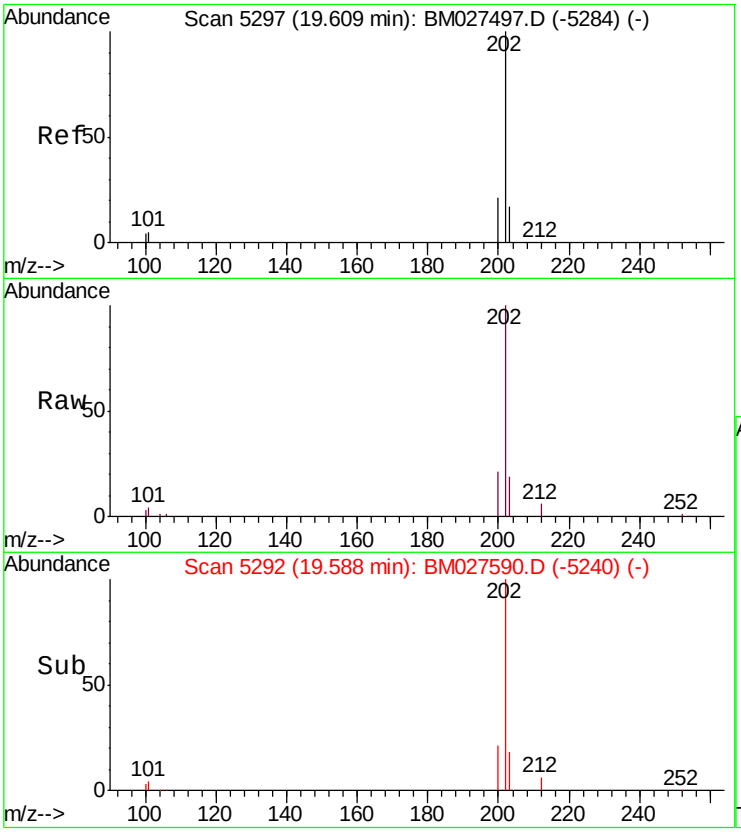


#15
Fluoranthene
Concen: 0.247 ng/ul
RT: 19.22 min Scan# 5196
Delta R.T. -0.01 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:202 Resp: 5257

Ion	Ratio	Lower	Upper
202	100		
101	5.3	0.0	24.9
100	4.3	0.0	24.1



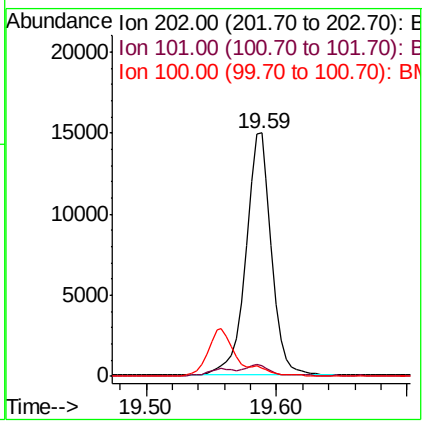


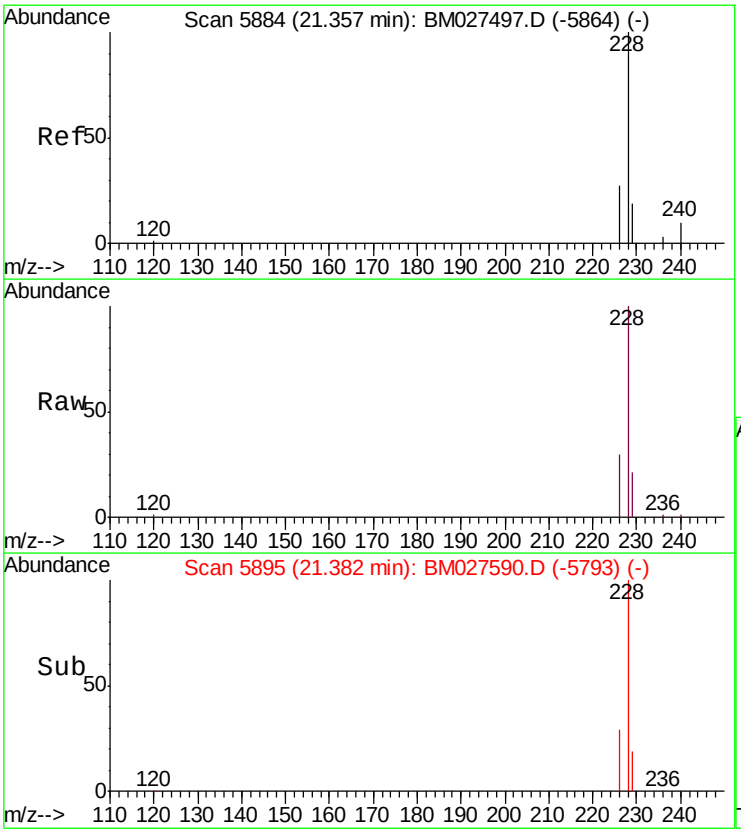
#17
Pyrene
Concen: 0.721 ng/ul
RT: 19.59 min Scan# 5292
Delta R.T. -0.00 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:202 Resp: 20501

Ion	Ratio	Lower	Upper
202	100		
101	4.5	4.7	7.1#
100	3.4	3.9	5.9#

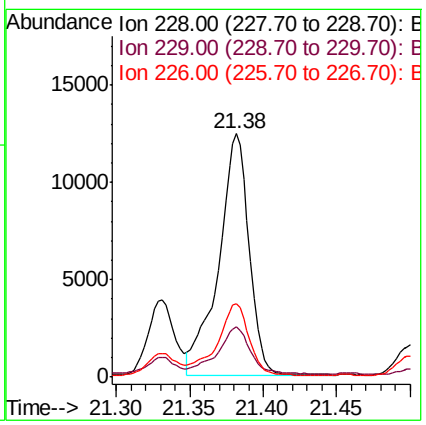


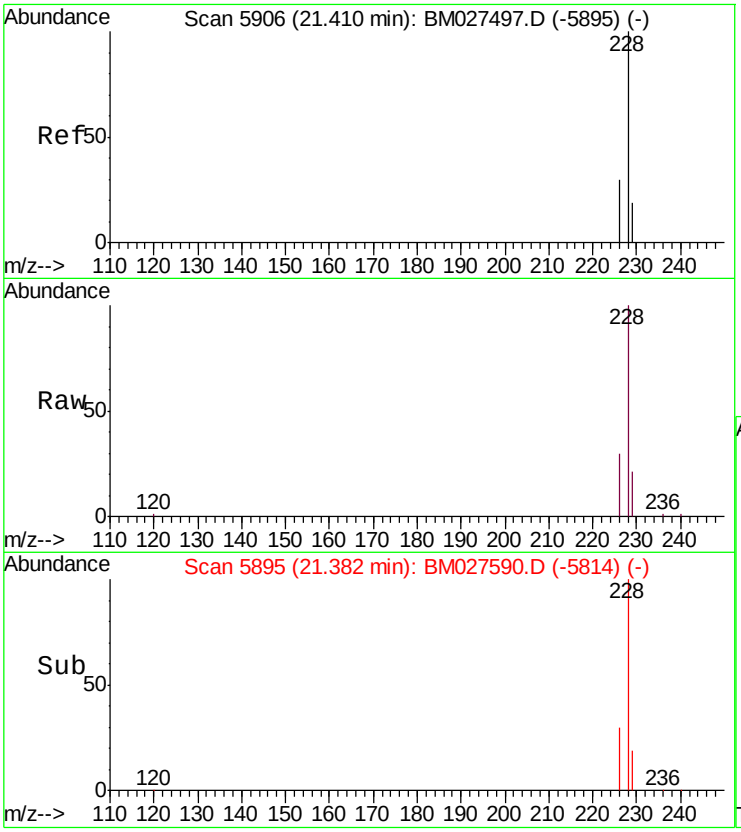


#18
Benzo(a)anthracene
Concen: 0.727 ng/ul
RT: 21.38 min Scan# 5895
Delta R.T. 0.05 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:228 Resp: 17777

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	30.1	21.8	32.8



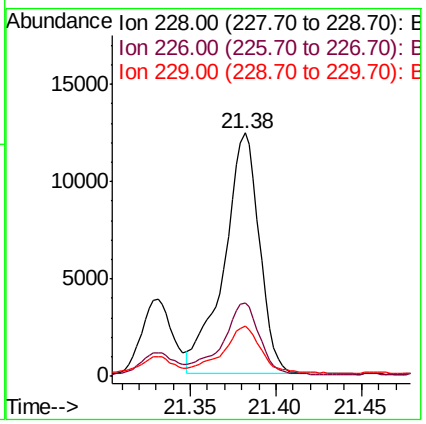


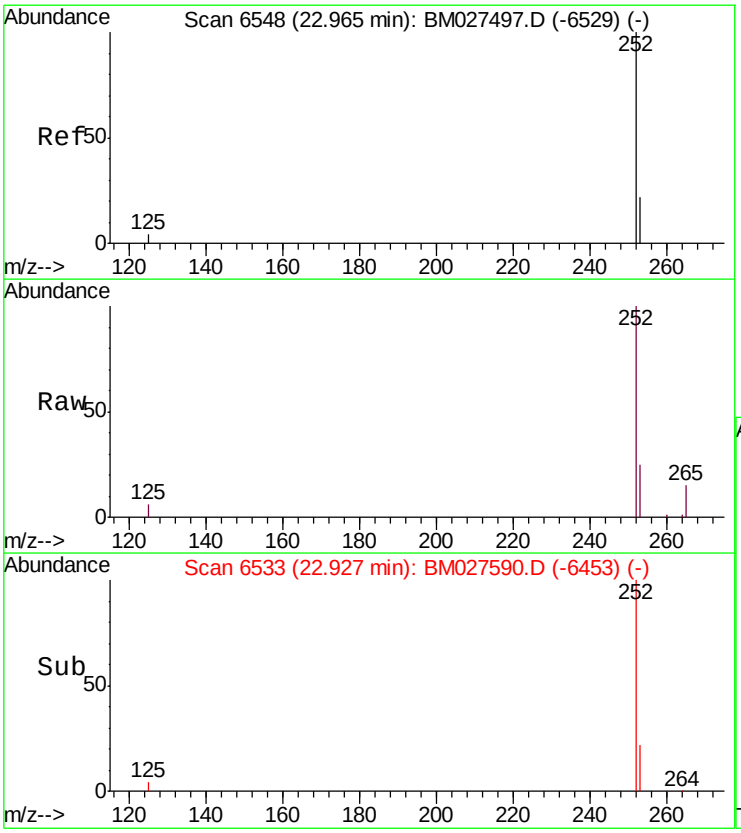
#19
Chrysene
Concen: 0.701 ng/ul
RT: 21.38 min Scan# 5895
Delta R.T. -0.00 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:228 Resp: 17752

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	20.5	15.8	23.8

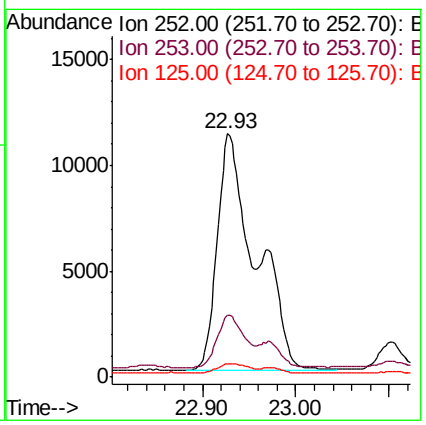


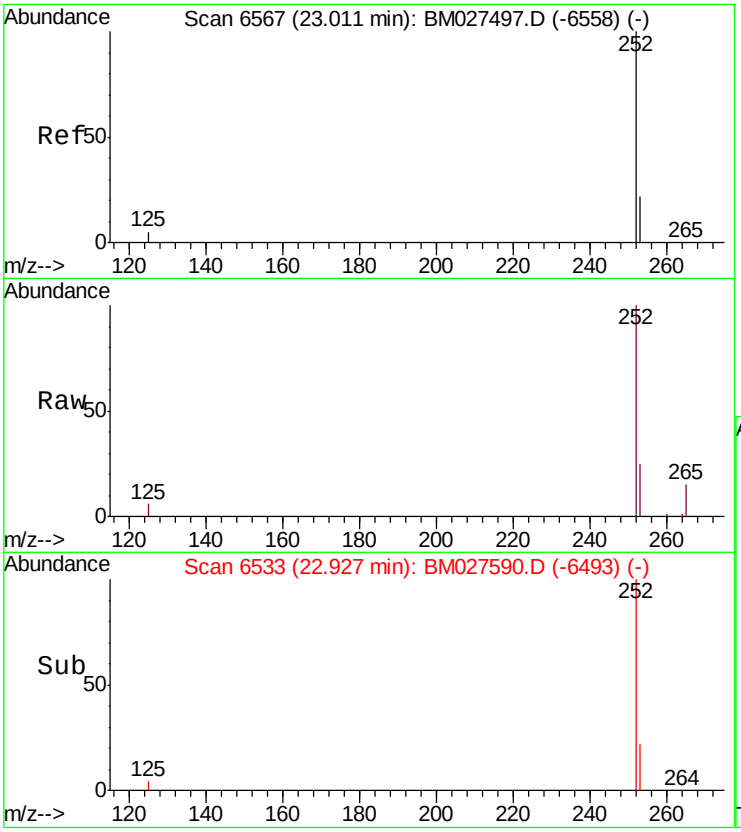


#21
Benzo(b)fluoranthene
Concen: 1.223 ng/ul
RT: 22.93 min Scan# 6533
Delta R.T. -0.01 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:252 Resp: 31881

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	48.2
125	5.6	0.0	10.6



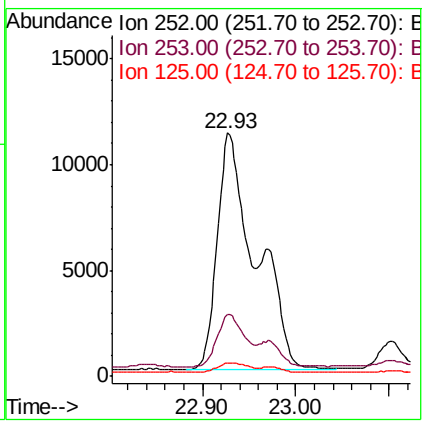


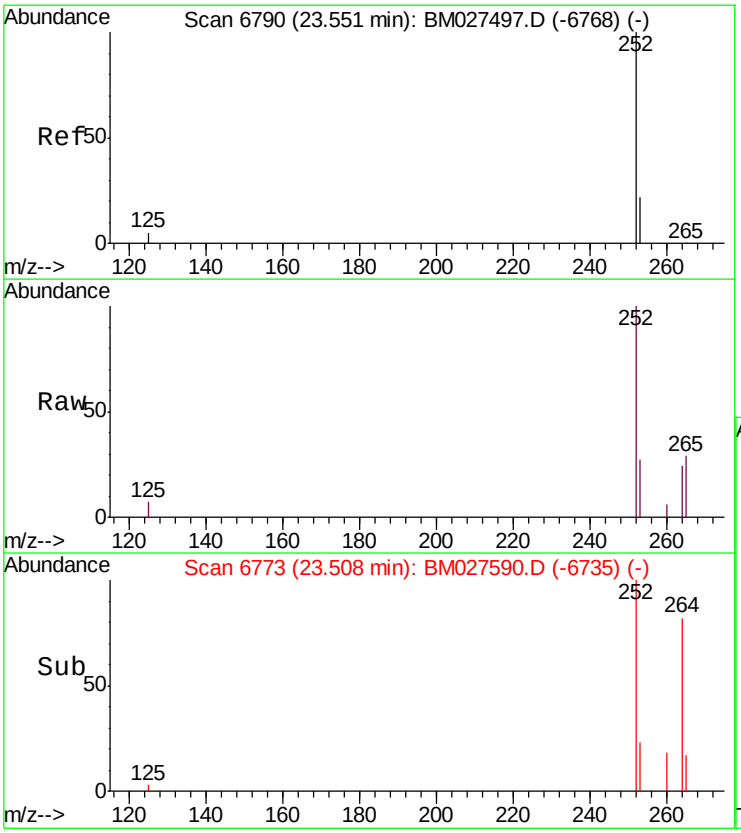
#22
Benzo(k)fluoranthene
Concen: 1.176 ng/ul
RT: 22.93 min Scan# 6533
Delta R.T. -0.05 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:252 Resp: 31881

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.1	28.7
125	5.6	5.0	7.4

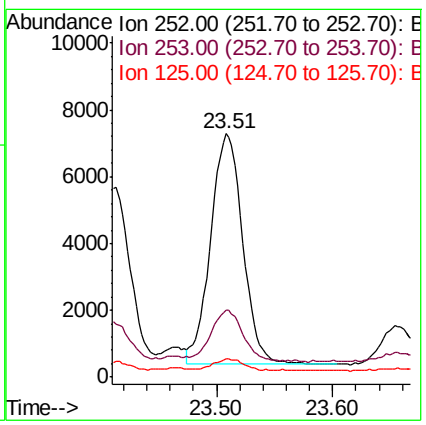


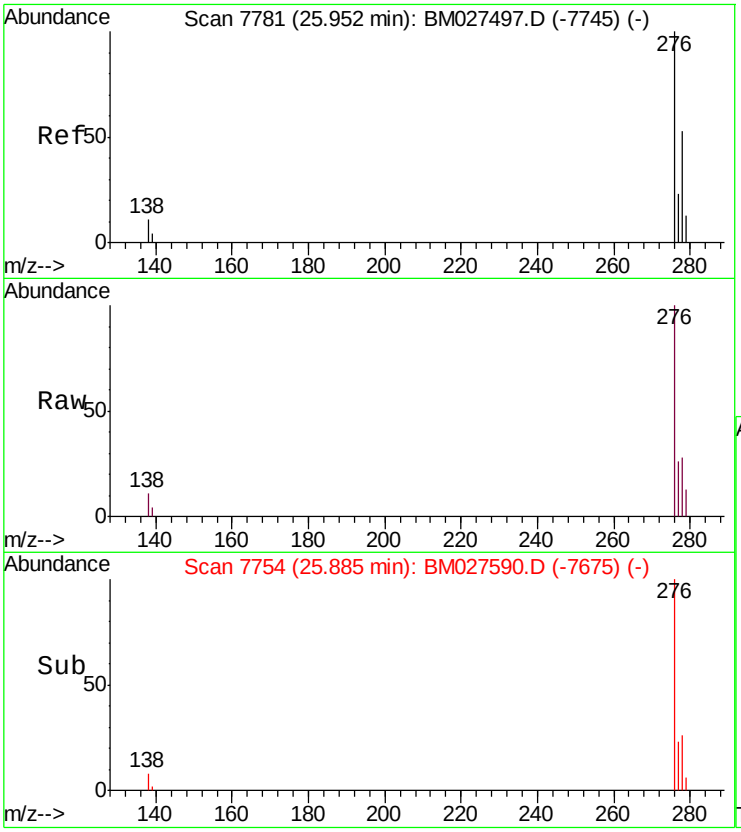


#23
Benzo(a)pyrene
Concen: 0.568 ng/ul
RT: 23.51 min Scan# 6773
Delta R.T. -0.01 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:252 Resp: 13249

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.6	29.4
125	7.3	5.0	7.6



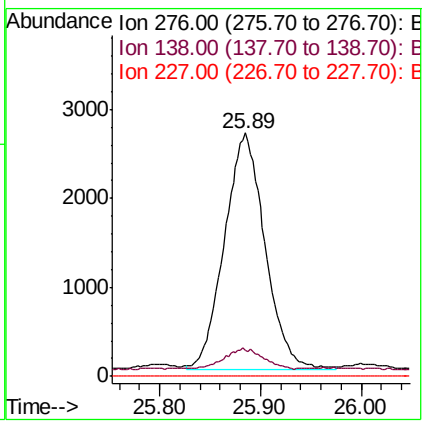


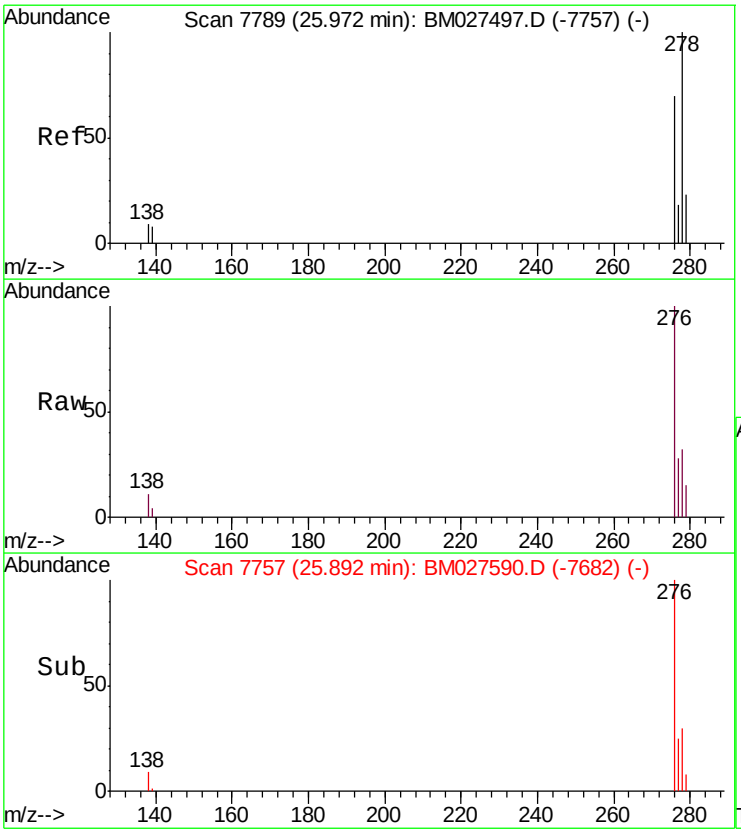
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.246 ng/ul
RT: 25.89 min Scan# 7754
Delta R.T. -0.01 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:276 Resp: 7395

Ion	Ratio	Lower	Upper
276	100		
138	8.2	8.6	12.8#
227	0.0	0.0	0.0

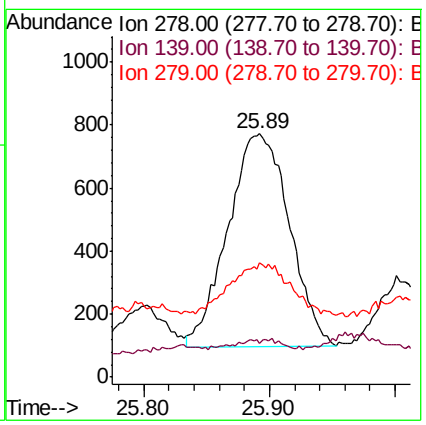


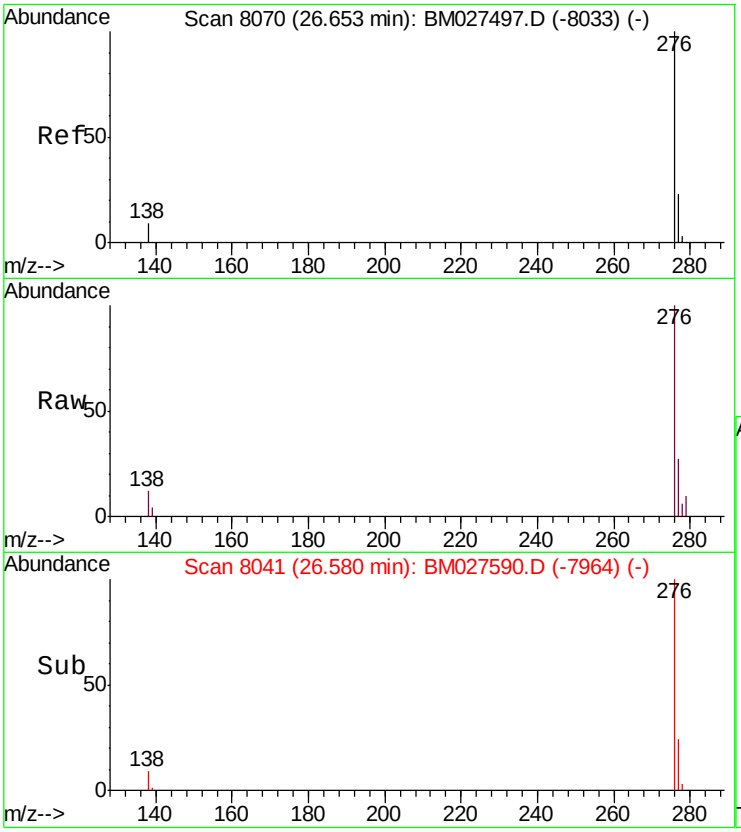


#25
Dibenzo(a,h)anthracene
Concen: 0.093 ng/ul
RT: 25.89 min Scan# 7757
Delta R.T. -0.02 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Tgt Ion:278 Resp: 2298

Ion	Ratio	Lower	Upper
278	100		
139	13.7	7.6	11.4#
279	47.1	20.7	31.1#





#26
Benzo(g,h,i)perylene
Concen: 0.226 ng/ul
RT: 26.58 min Scan# 8041
Delta R.T. -0.01 min
Lab File: BM027590.D
Acq: 02 Oct 2020 20:35

Instrument :
BNA_M
ClientSampleId :
C0AC2

Tgt Ion:276 Resp: 5721

Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.0	13.4
277	27.3	19.4	29.0