Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027897.D
Acq On : 22 Nov 2020 00:47
Operator : JU/CG
Sample : L4711-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B58

Quant Time: Nov 23 04:07:51 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	1087	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	4353	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	2611	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.67
16) Chrysene-d12	21.76	240	2765	0.40	ng/ul	0.00
20) Perylene-d12	24.18	264	2539	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1475	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.65	212	2739	0.00	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.22	128	914	0.070	ng/ul#	86
5) 2-Methylnaphthalene	12.80	142	545	0.061	ng/ul	97
7) Acenaphthylene	14.68	152	1065	0.084	ng/ul#	87
8) Acenaphthene	15.01	153	578	0.061	ng/ul	96
9) Fluorene	15.98	166	1477	0.133	ng/ul#	96
17) Pyrene	20.04	202	327336	23.310	ng/ul	100
18) Benzo(a)anthracene	21.75	228	155436	13.933	ng/ul	100
19) Chrysene	21.80	228	184366	16.967	ng/ul	99
21) Benzo(b)fluoranthene	23.45	252	266155	24.943	ng/ul	89
22) Benzo(k)fluoranthene	23.45	252	266155	25.471	ng/ul#	90
23) Benzo(a)pyrene	24.08	252	120161	12.880	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	26.68	276	85728	8.487	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.59	278	4841	0.576	ng/ul	97
26) Benzo(g,h,i)perylene	27.46	276	82835	9.774	ng/ul#	92

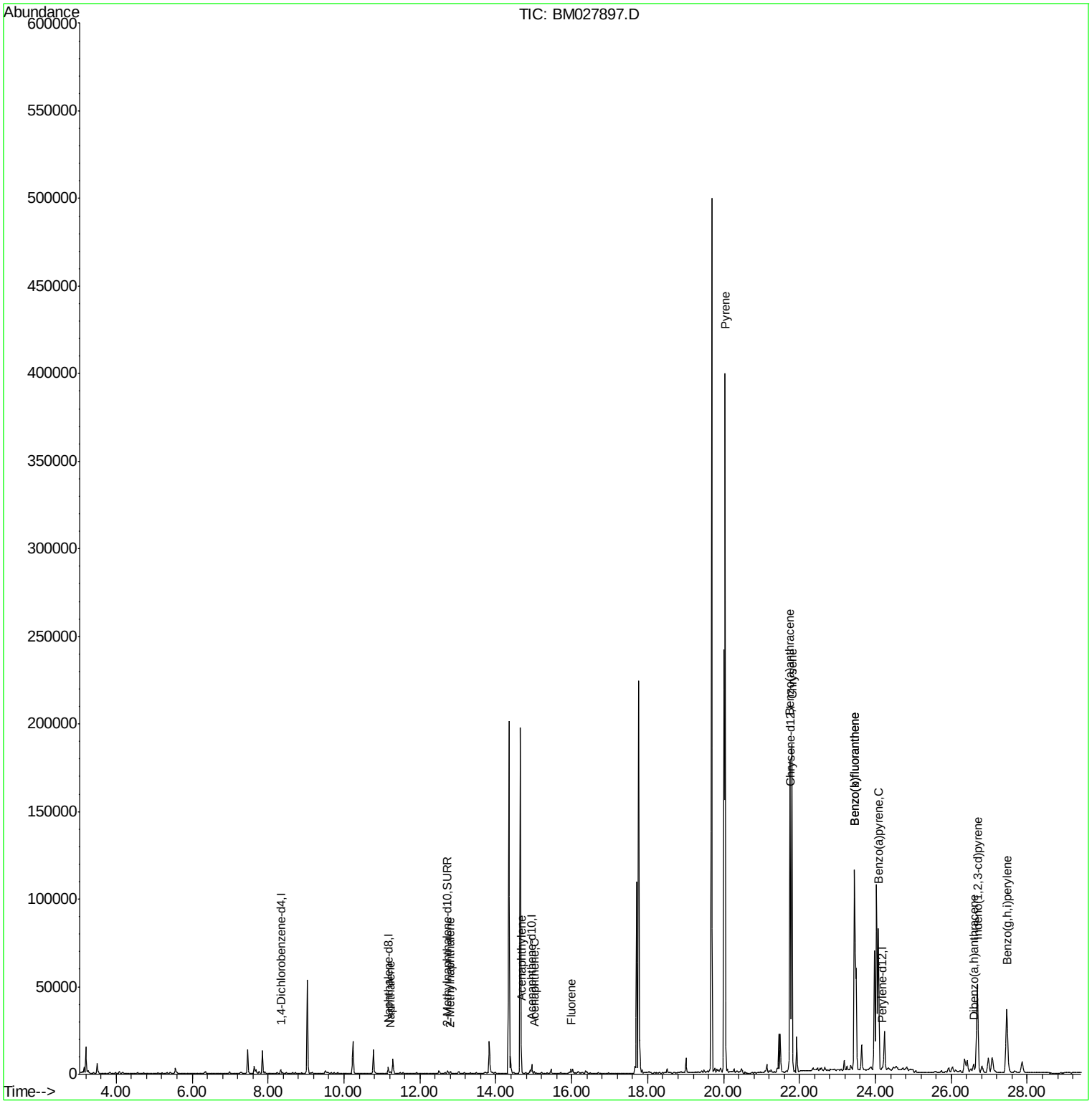
(#) = qualifier out of range (m) = manual integration (+) = signals summed

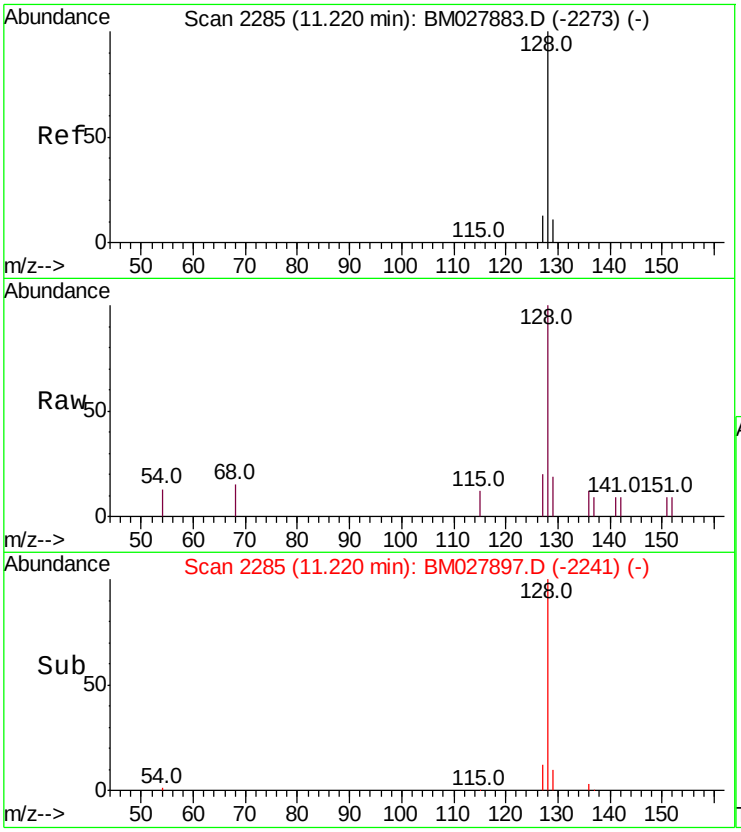
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112020\
Data File : BM027897.D
Acq On : 22 Nov 2020 00:47
Operator : JU/CG
Sample : L4711-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B58

Quant Time: Nov 23 04:07:51 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



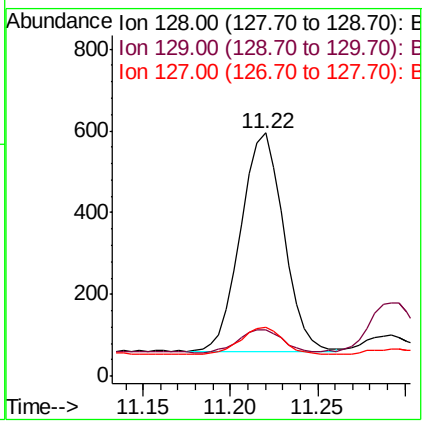


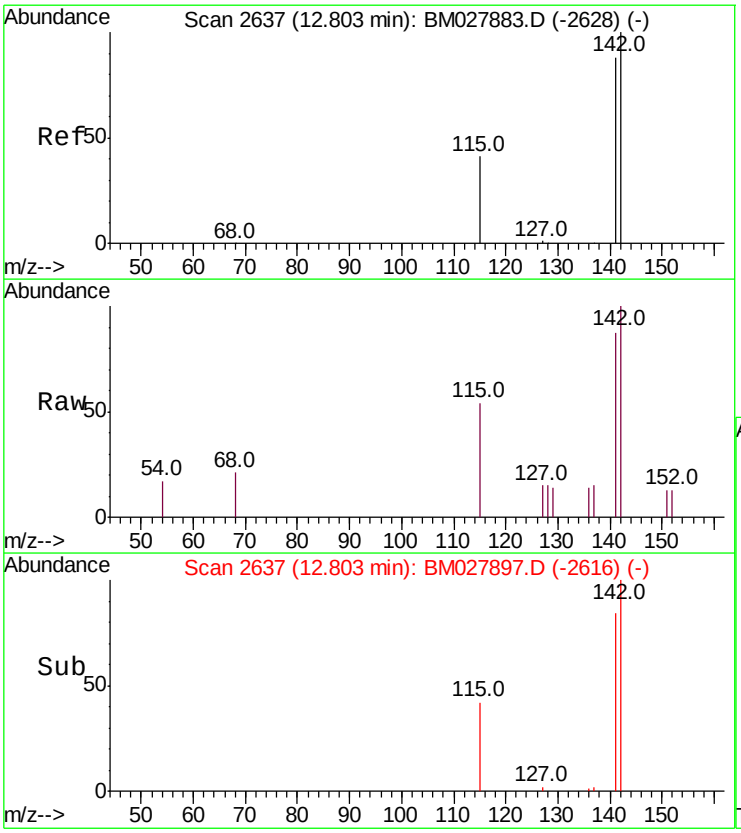
#3
Naphthalene
Concen: 0.070 ng/ul
RT: 11.22 min Scan# 2285
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tgt Ion:128 Resp: 914

Ion	Ratio	Lower	Upper
128	100		
129	19.2	10.4	15.6#
127	20.0	12.0	18.0#

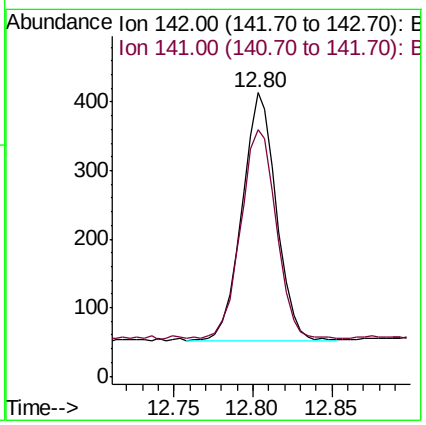


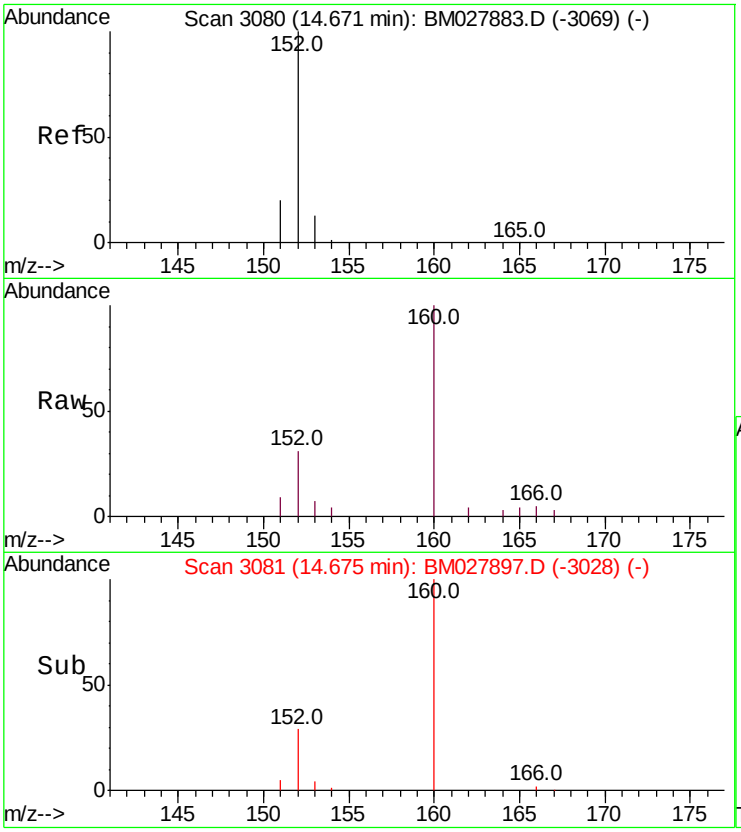


#5
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.80 min Scan# 2637
Delta R.T. -0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion:142 Resp: 545

Ion	Ratio	Lower	Upper
142	100		
141	86.2	71.6	107.4



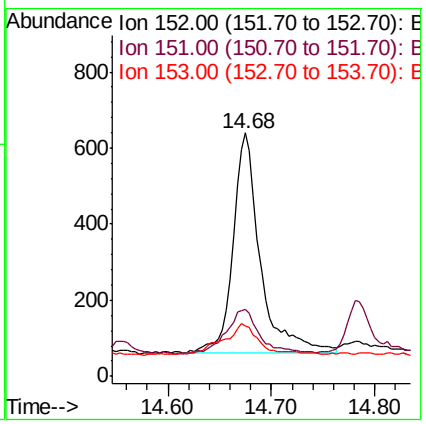


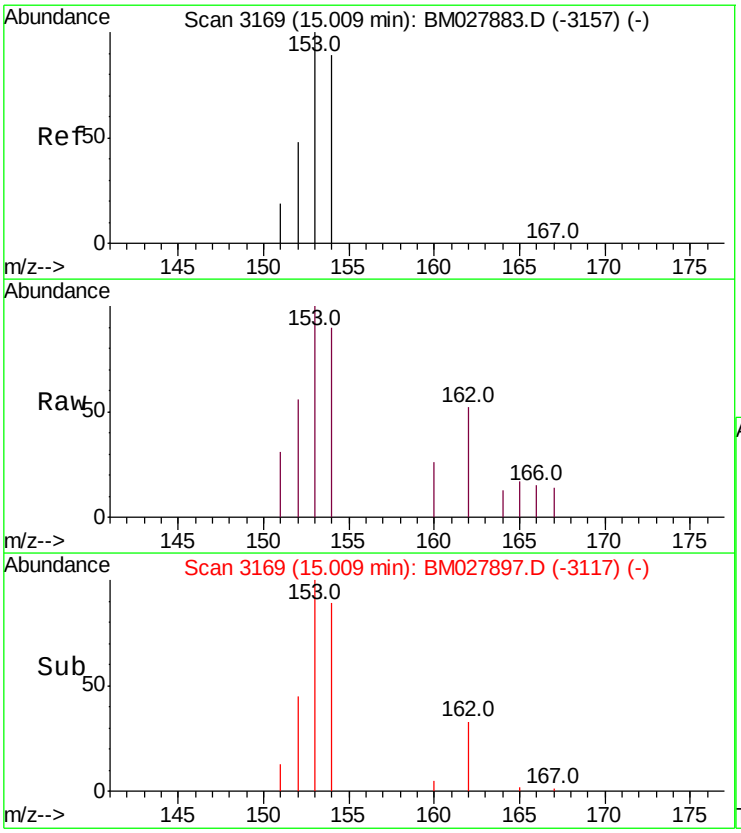
#7
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.68 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tgt Ion:152 Resp: 1065

Ion	Ratio	Lower	Upper
152	100		
151	27.5	17.1	25.7#
153	20.9	12.0	18.0#

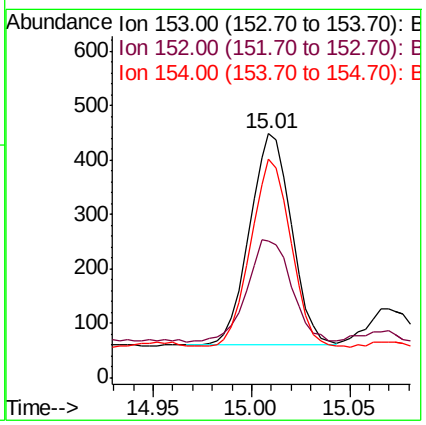


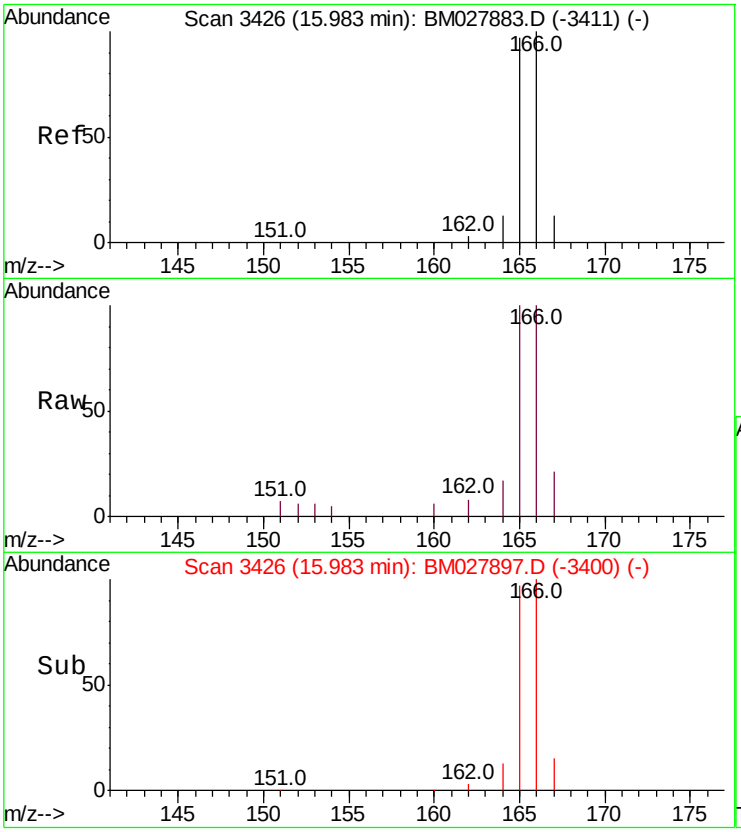


#8
Acenaphthene
Concen: 0.061 ng/ul
RT: 15.01 min Scan# 3169
Delta R.T. -0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion:153 Resp: 578

Ion	Ratio	Lower	Upper
153	100		
152	56.0	39.0	58.6
154	89.5	71.6	107.4



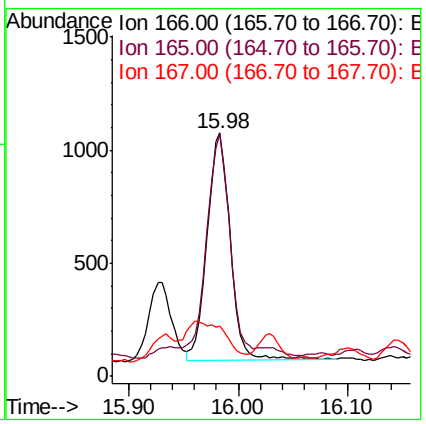


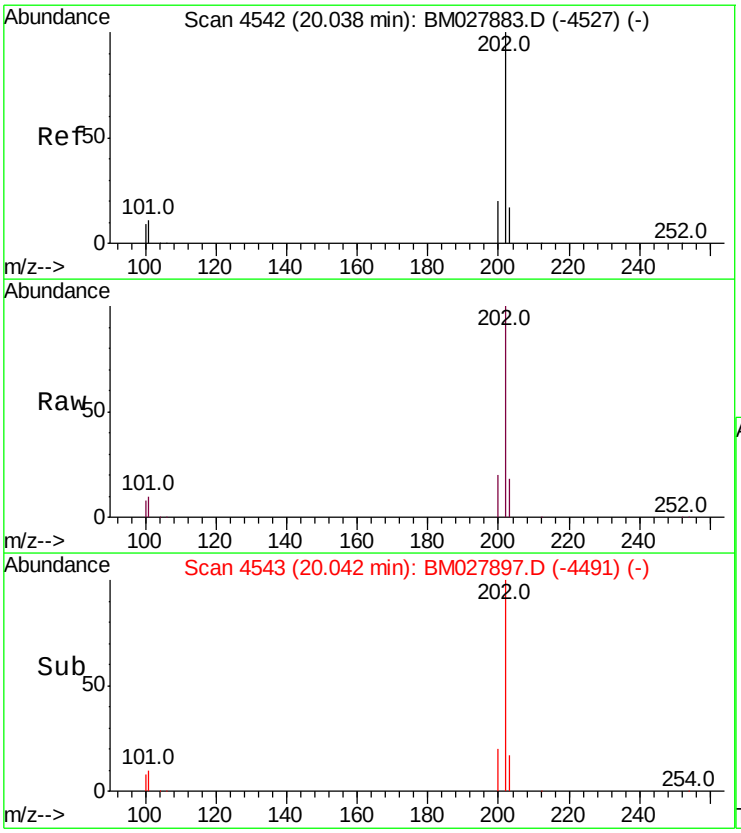
#9
Fluorene
Concen: 0.133 ng/ul
RT: 15.98 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tgt Ion:166 Resp: 1477

Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.1	117.1
167	20.9	11.8	17.8#

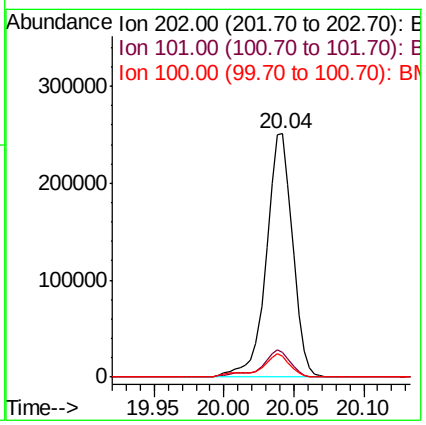


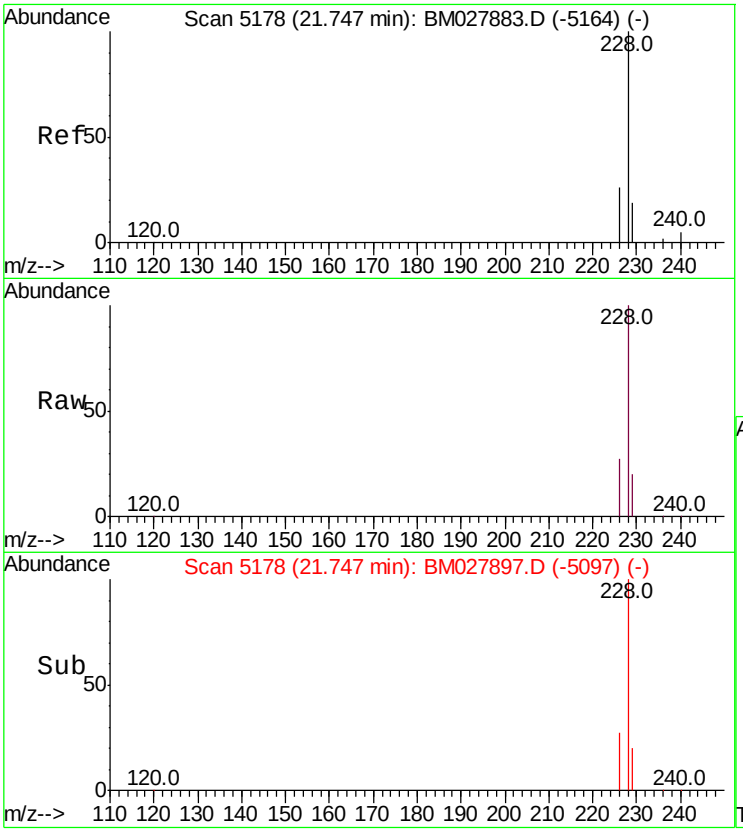


#17
Pyrene
Concen: 23.310 ng/ul
RT: 20.04 min Scan# 4543
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion:202 Resp: 327336

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.2	12.2
100	8.3	6.9	10.3



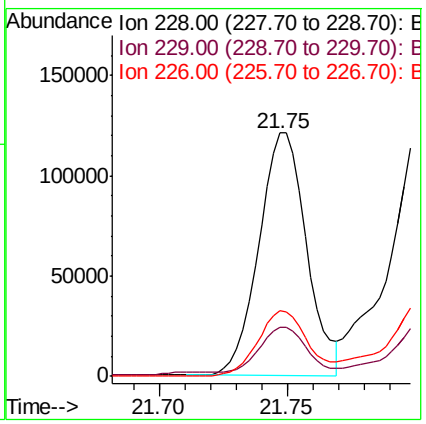


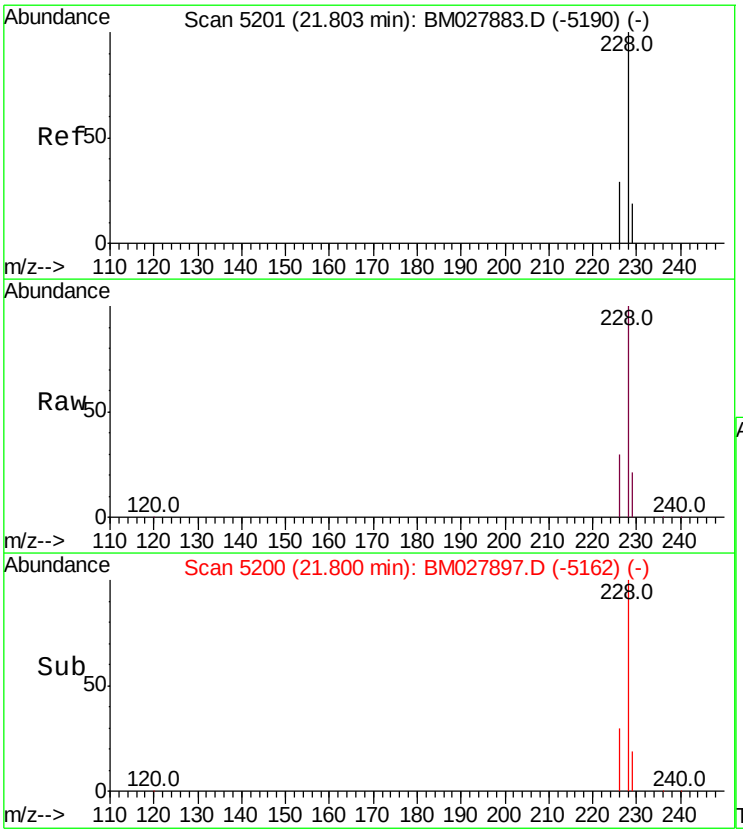
#18
Benzo(a)anthracene
Concen: 13.933 ng/ul
RT: 21.75 min Scan# 5178
Delta R.T. -0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tgt Ion:228 Resp: 155436

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.4
226	26.9	21.5	32.3

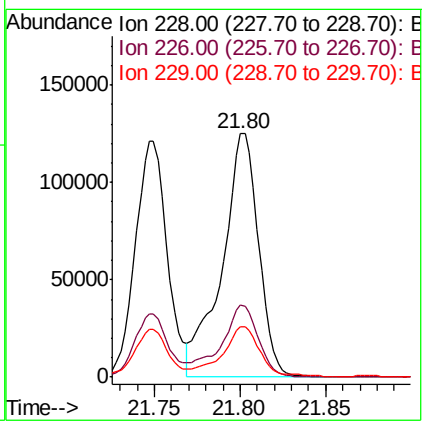


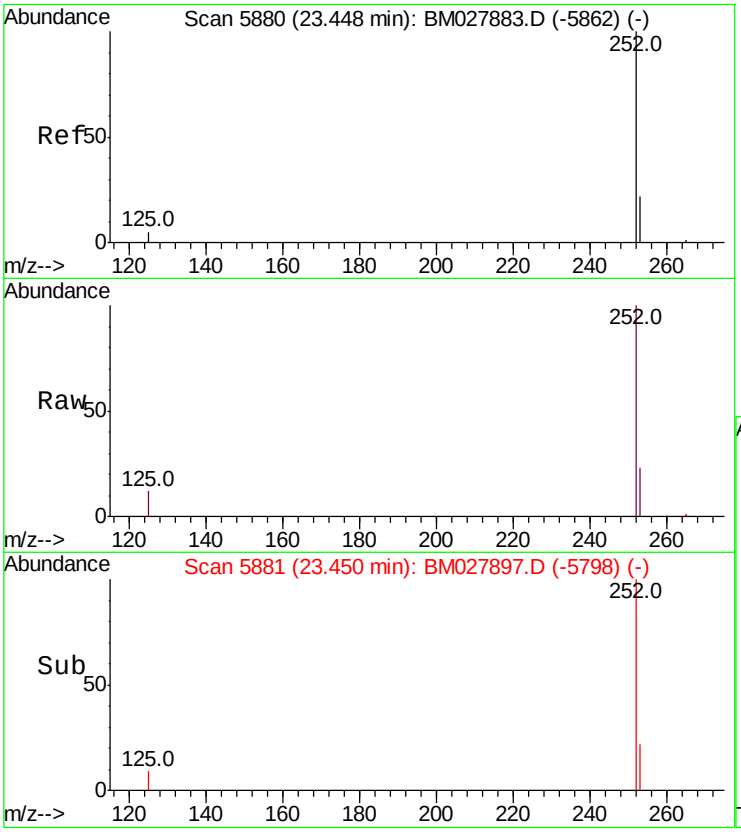


#19
Chrysene
Concen: 16.967 ng/ul
RT: 21.80 min Scan# 5200
Delta R.T. -0.01 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion:228 Resp: 184366

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	20.7	16.6	24.8



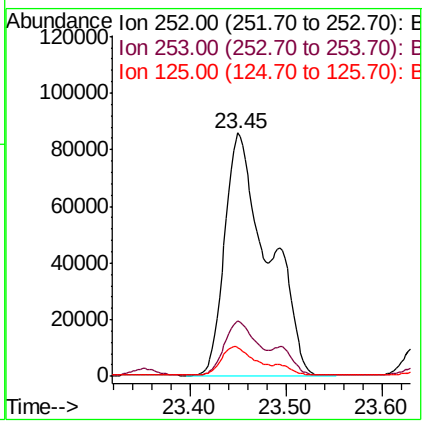


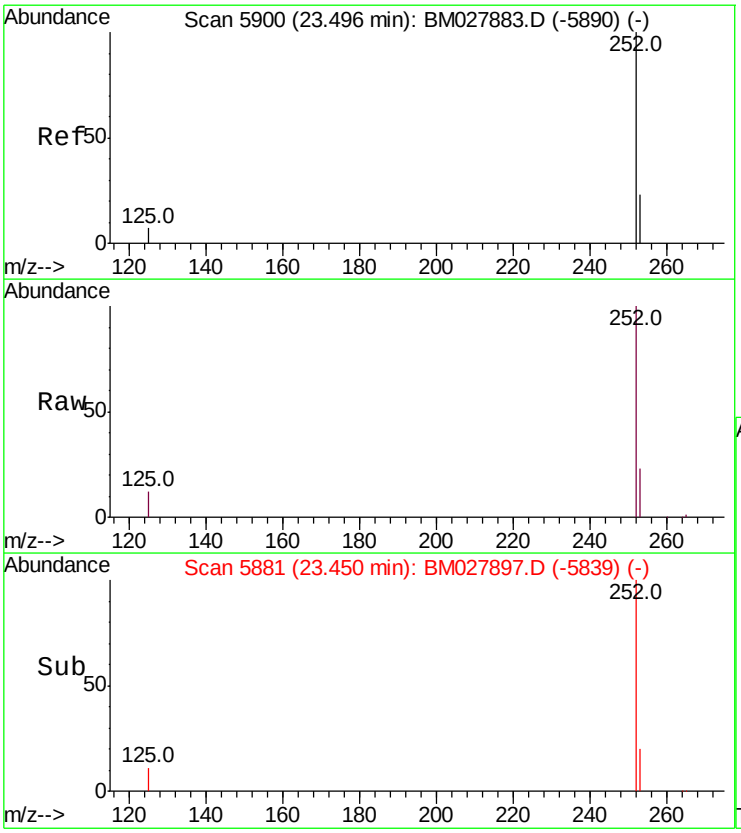
#21
Benzo(b)fluoranthene
Concen: 24.943 ng/ul
RT: 23.45 min Scan# 5881
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tgt Ion:252 Resp: 266155

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	59.6
125	11.9	0.0	28.4

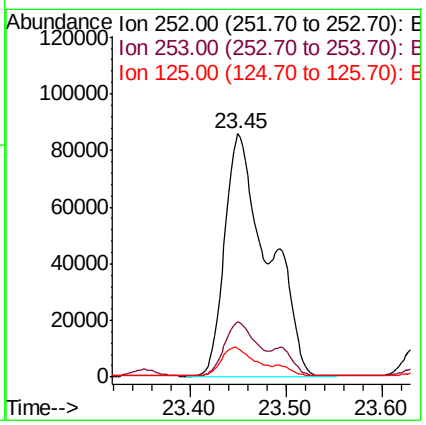


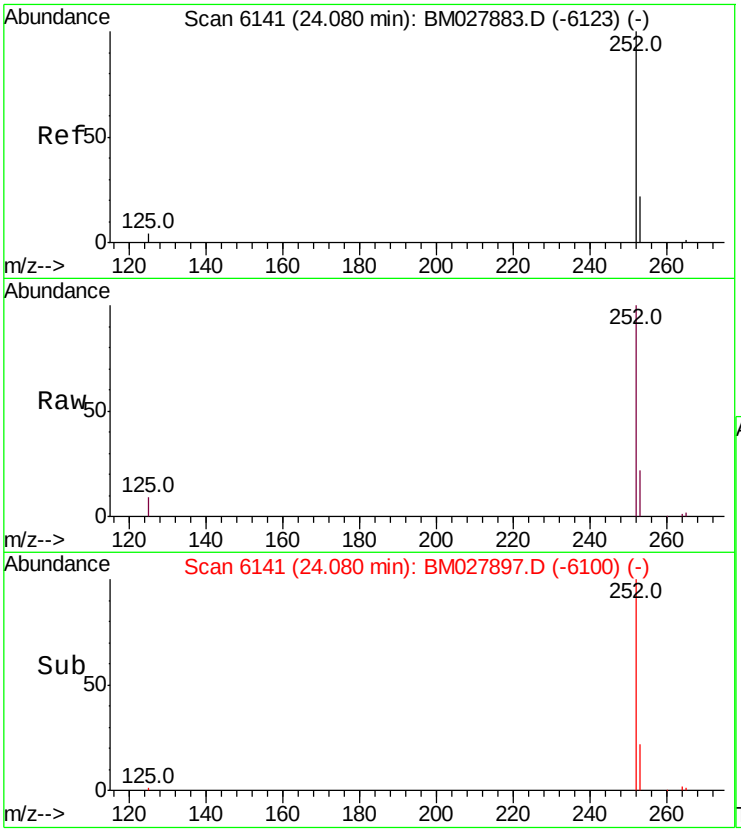


#22
Benzo(k)fluoranthene
Concen: 25.471 ng/ul
RT: 23.45 min Scan# 5881
Delta R.T. -0.05 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion:252 Resp: 266155

Ion	Ratio	Lower	Upper
252	100		
253	22.7	23.2	34.8#
125	11.9	11.8	17.6



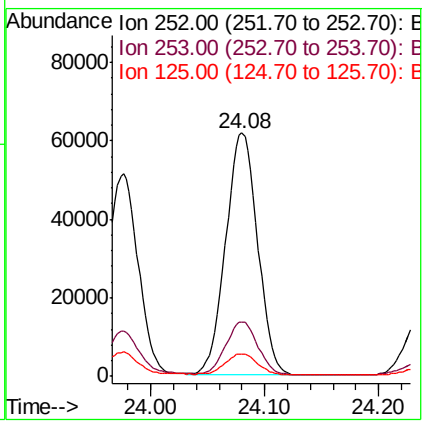


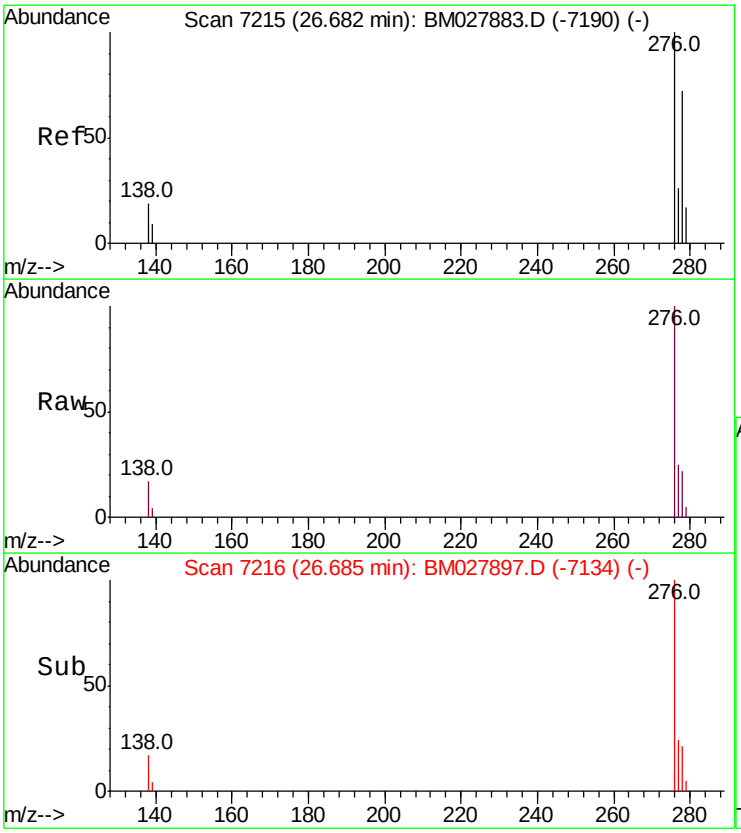
#23
Benzo(a)pyrene
Concen: 12.880 ng/ul
RT: 24.08 min Scan# 6141
Delta R.T. 0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tgt Ion:252 Resp: 120161

Ion	Ratio	Lower	Upper
252	100		
253	22.5	25.2	37.8#
125	9.3	13.8	20.6#

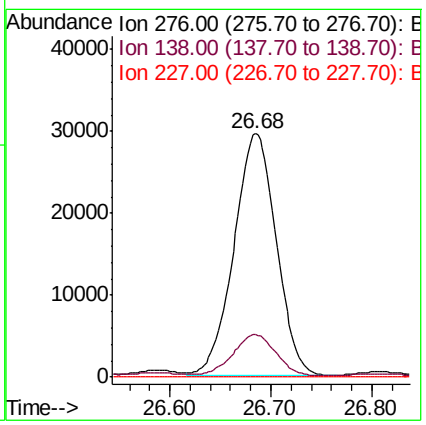


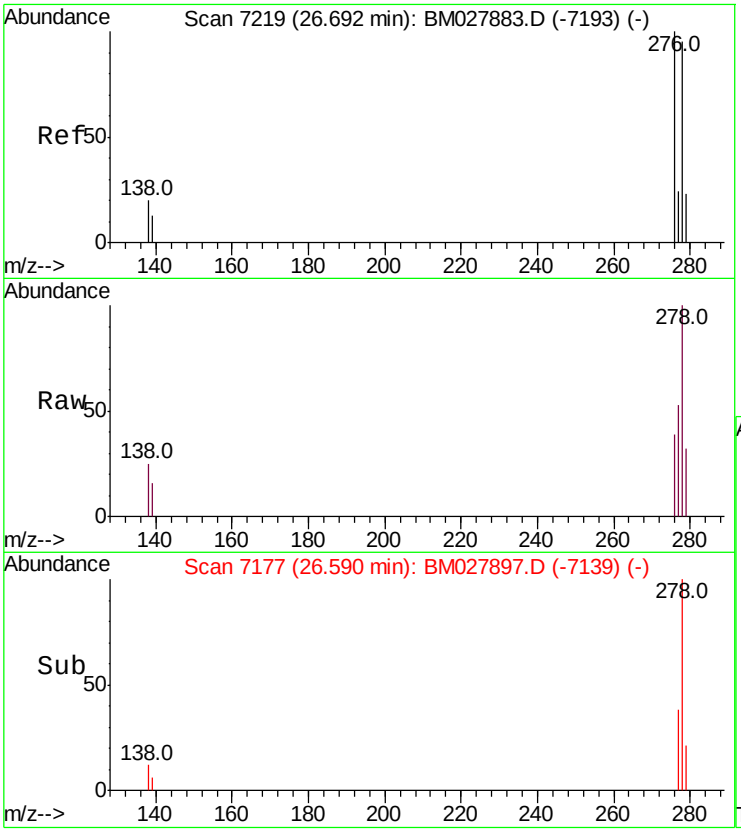


#24
Indeno(1,2,3-cd)pyrene
Concen: 8.487 ng/ul
RT: 26.68 min Scan# 7216
Delta R.T. -0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion:276 Resp: 85728

Ion	Ratio	Lower	Upper
276	100		
138	17.2	15.7	23.5
227	0.0	0.0	0.0



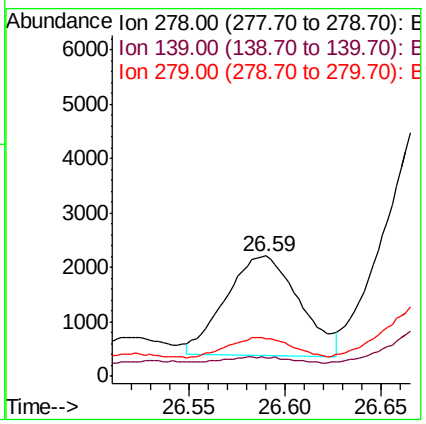


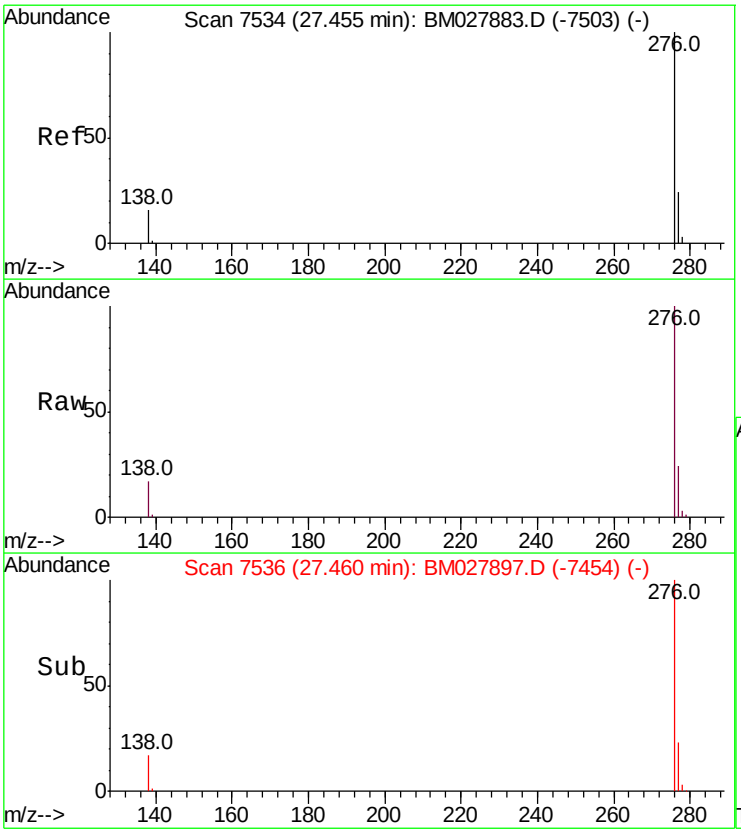
#25
Dibenzo(a,h)anthracene
Concen: 0.576 ng/ul
RT: 26.59 min Scan# 7177
Delta R.T. -0.11 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Instrument :
BNA_M
ClientSampleId :
C0B58

Tgt Ion:278 Resp: 4841

Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.8	22.2
279	31.7	25.8	38.6





#26
Benzo(g,h,i)perylene
Concen: 9.774 ng/ul
RT: 27.46 min Scan# 7536
Delta R.T. -0.00 min
Lab File: BM027897.D
Acq: 22 Nov 2020 00:47

Tgt Ion:276 Resp: 82835

Ion	Ratio	Lower	Upper
276	100		
138	17.3	17.4	26.2#
277	24.1	22.5	33.7