Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\

Quantitation Report (Not Reviewed)

Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0S81DL

Quant Time: Aug 04 02:37:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	106852	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	433775	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	256775	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	531832	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	515532	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	505992	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	121	0.05	ng/uL	0.00
5) Phenol-d5	6.83	99	8921	0.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	6415	1.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	6780	0.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	7535	1.05	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	3380	1.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	3442	1.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	6571	0.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	2209	0.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	20832	1.03	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	26454	1.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	1760	0.52	ng/ul	0.00
58) Fluorene-d10	15.29	176	18059	1.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	1399	0.59	ng/ul	0.00
71) Anthracene-d10	17.03	188	531832	20.01	ng/ul	-0.10
79) Pyrene-d10	19.43	212	31100	1.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	31878	1.12	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	14.01	152	72551	2.787	ng/ul	98
70) Phenanthrene	17.07	178	67127	2.079	ng/ul	98
72) Anthracene	17.16	178	184846	5.571	ng/ul	97
75) Carbazole	17.43	167	30060	1.025	ng/ul	96
77) Fluoranthene	19.09	202	516776	13.558	ng/ul	99
80) Pyrene	19.46	202	715466	19.075	ng/ul	97
83) Benzo(a)anthracene	21.26	228	500958	14.098	ng/ul	93
85) Chrysene	21.26	228	500981	14.458	ng/ul	97
88) Benzo(b)fluoranthene	22.77	252	1259249	34.789	ng/ul	99
89) Benzo(k)fluoranthene	22.77	252	1259249	36.254	ng/ul	100
91) Benzo(a)pyrene	23.33	252	403350	12.349	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.63	276	418415	10.326	ng/ul#	94
94) Benzo(g,h,i)perylene	26.30	276	118113	3.525	ng/ul	98

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

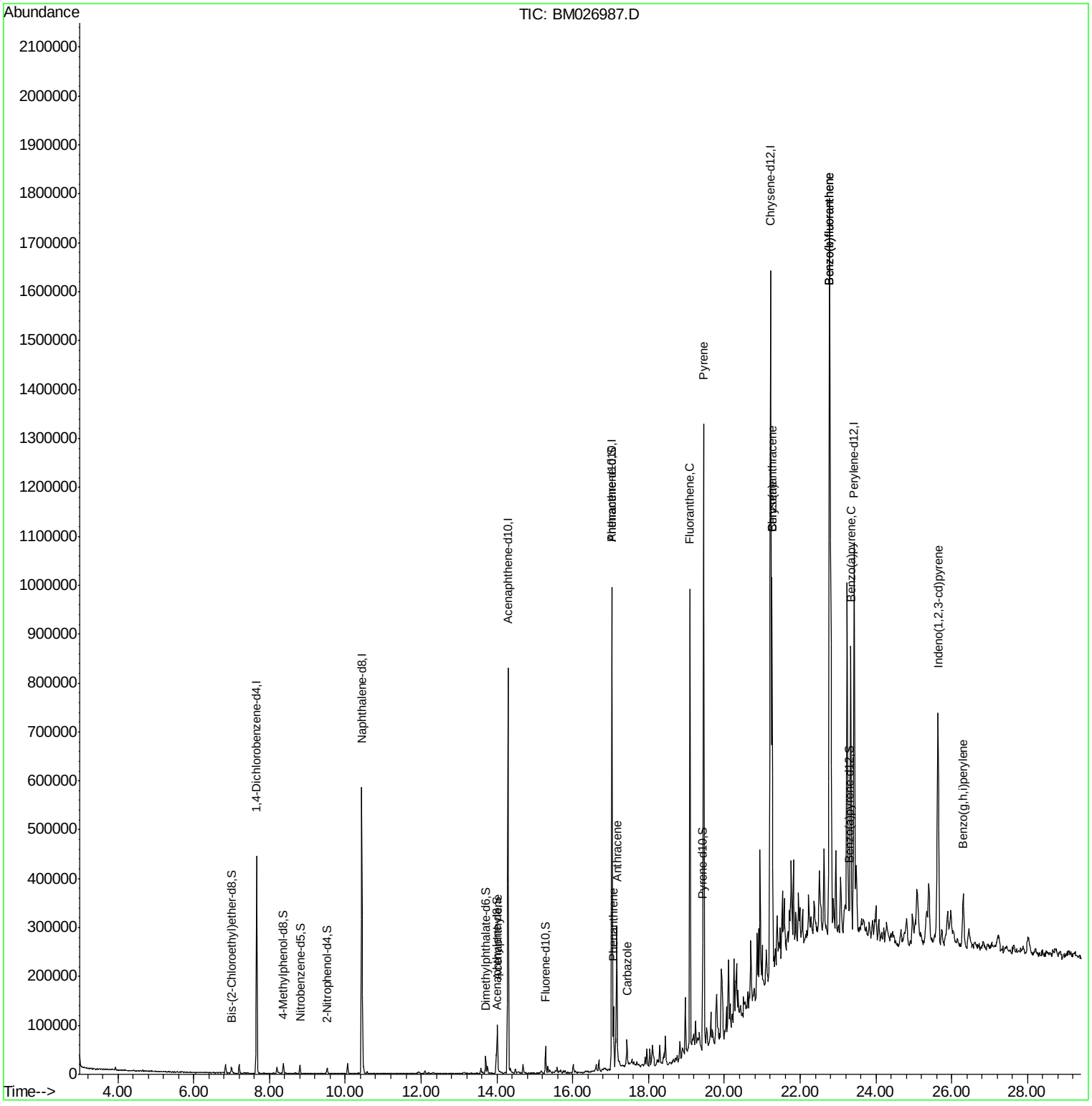
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080320\

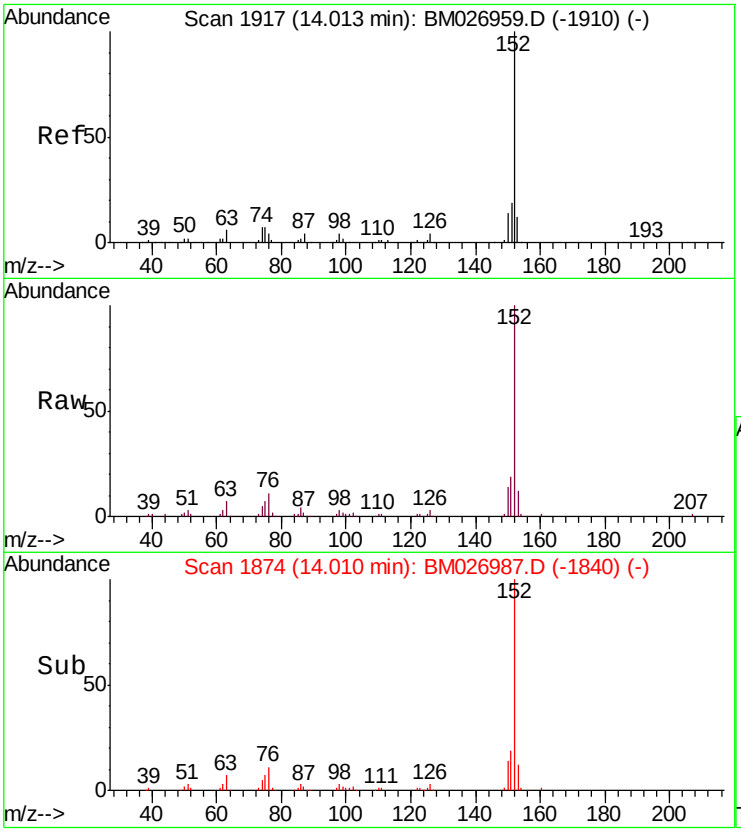
Quantitation Report (Not Reviewed)

Data File : BM026987.D
Acq On : 03 Aug 2020 20:26
Operator : JU/CG
Sample : L3424-06DL 25X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Quant Time: Aug 04 02:37:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 03 10:21:18 2020
Response via : Initial Calibration



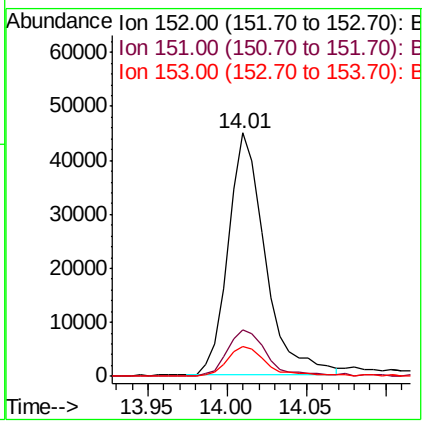


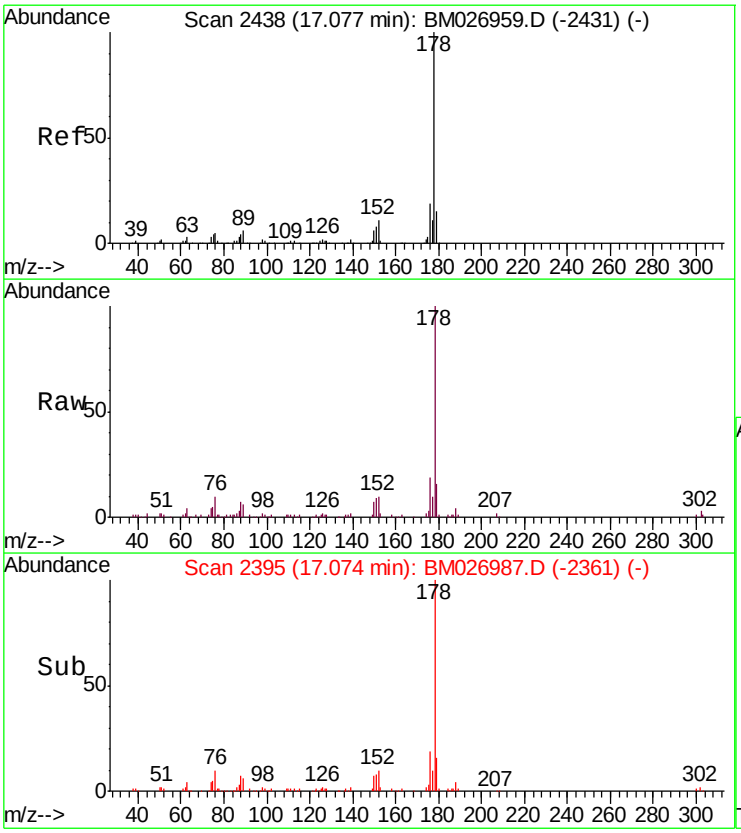
#48
Acenaphthylene
Concen: 2.787 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tgt Ion:152 Resp: 72551

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.8	23.6
153	12.4	10.7	16.1

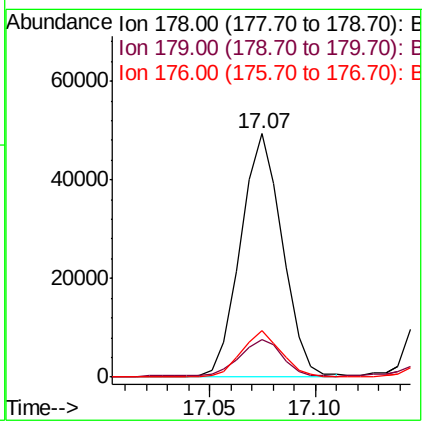


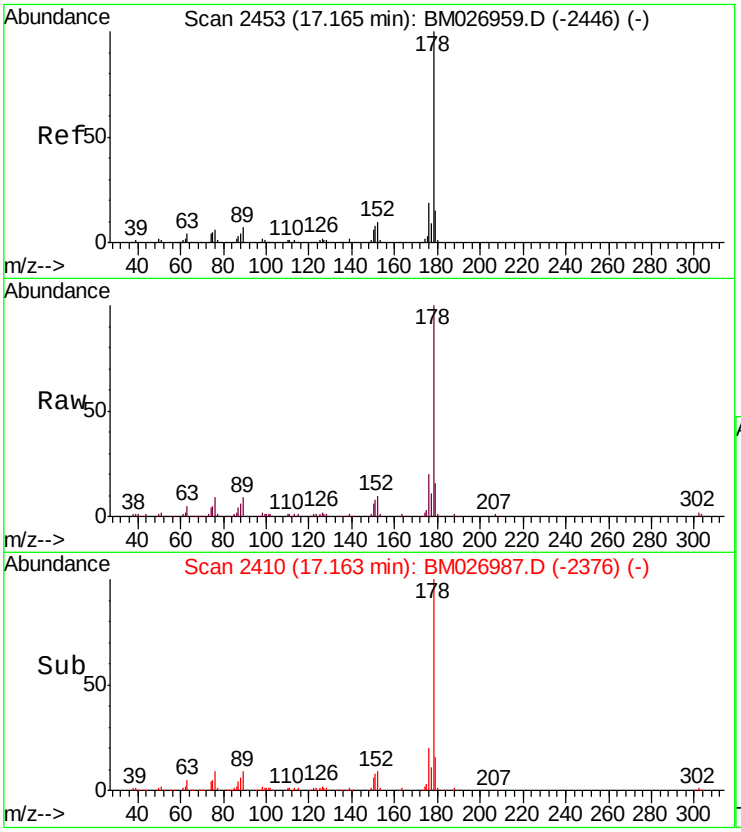


#70
Phenanthrene
Concen: 2.079 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion:178 Resp: 67127

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	19.1	14.7	22.1



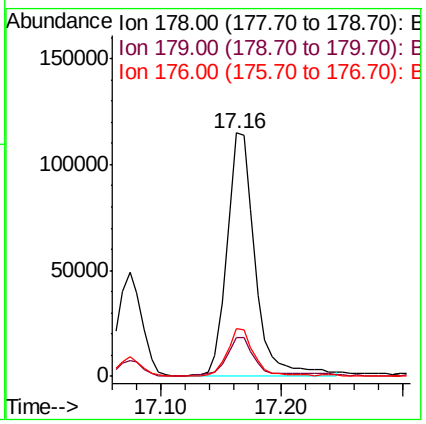


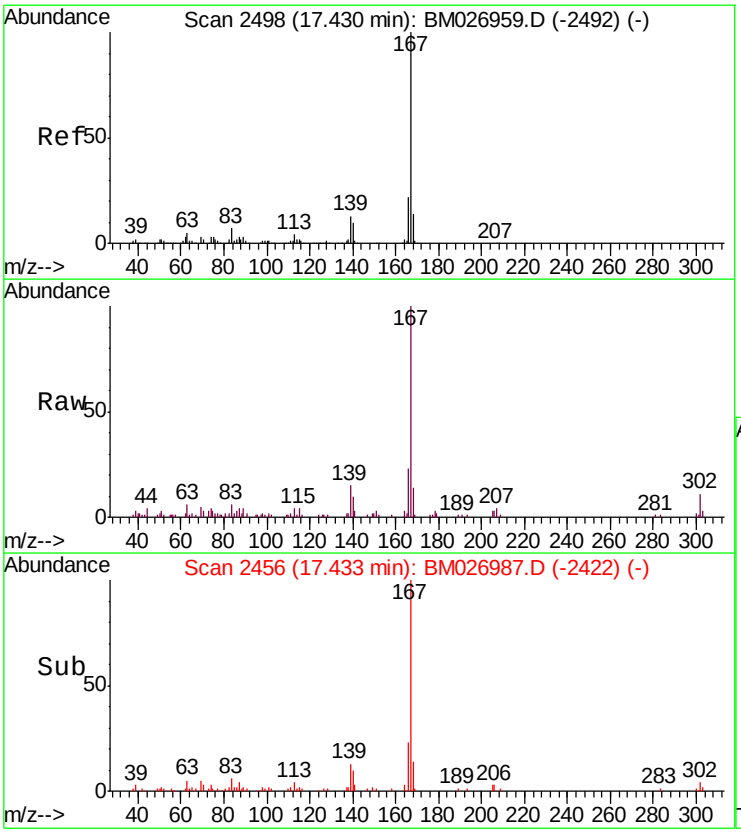
#72
Anthracene
Concen: 5.571 ng/ul
RT: 17.16 min Scan# 2410
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tgt Ion:178 Resp: 184846

Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.6
176	19.6	15.0	22.6

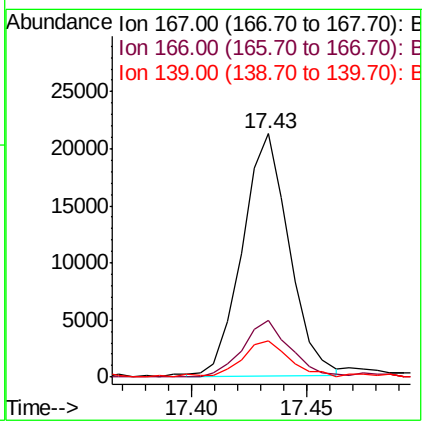


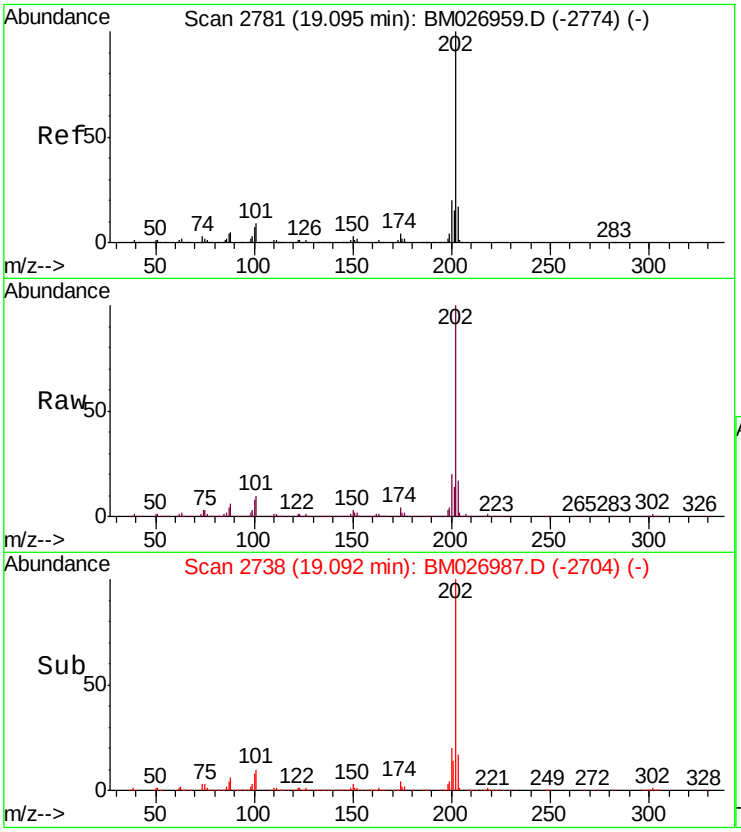


#75
Carbazole
Concen: 1.025 ng/ul
RT: 17.43 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion:167 Resp: 30060

Ion	Ratio	Lower	Upper
167	100		
166	23.0	17.1	25.7
139	14.7	10.1	15.1



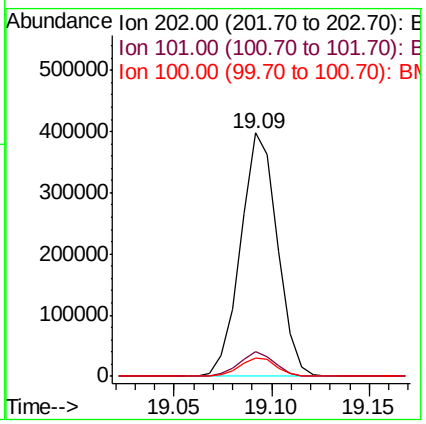


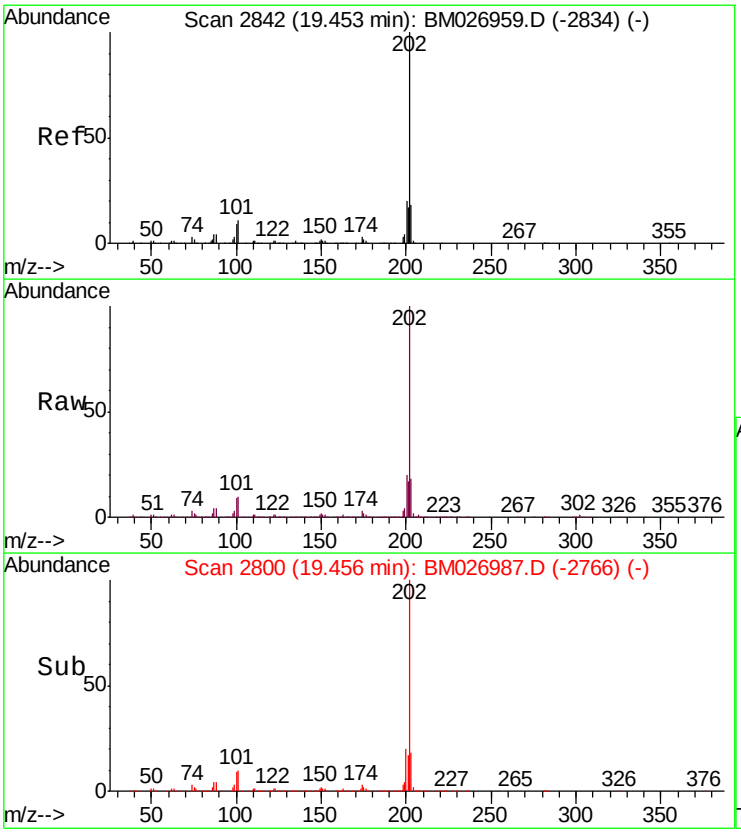
#77
Fluoranthene
Concen: 13.558 ng/ul
RT: 19.09 min Scan# 2738
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tgt Ion:202 Resp: 516776

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.7	11.5
100	7.6	6.2	9.4

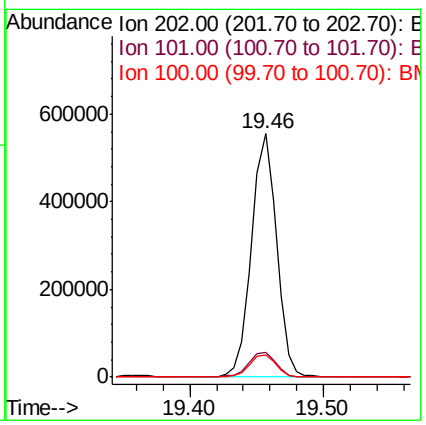


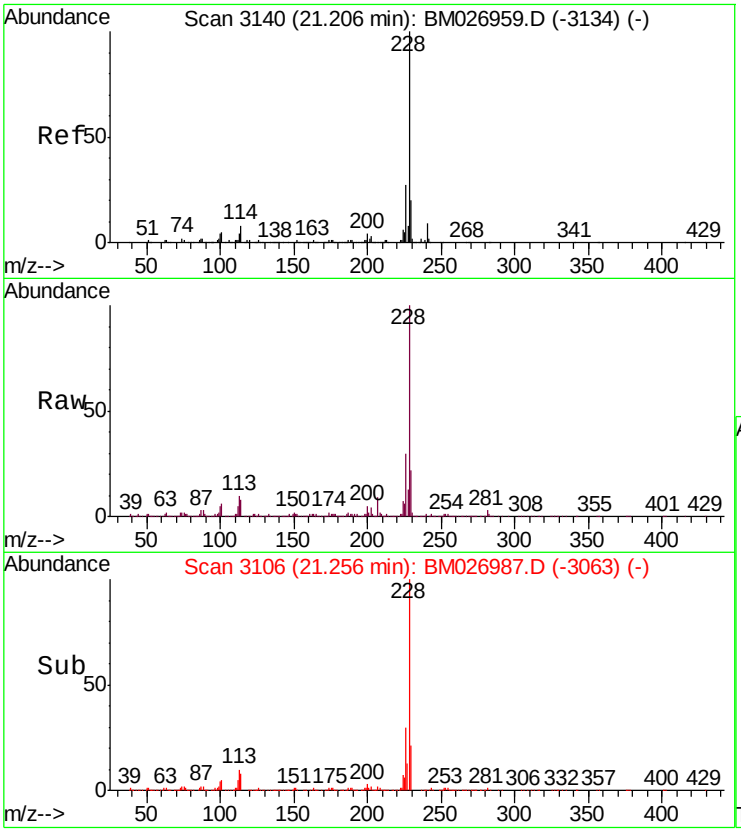


#80
Pyrene
Concen: 19.075 ng/ul
RT: 19.46 min Scan# 2800
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion:202 Resp: 715466

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.4	14.2
100	9.1	8.2	12.4



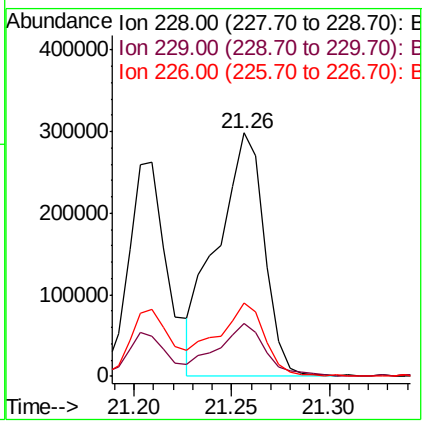


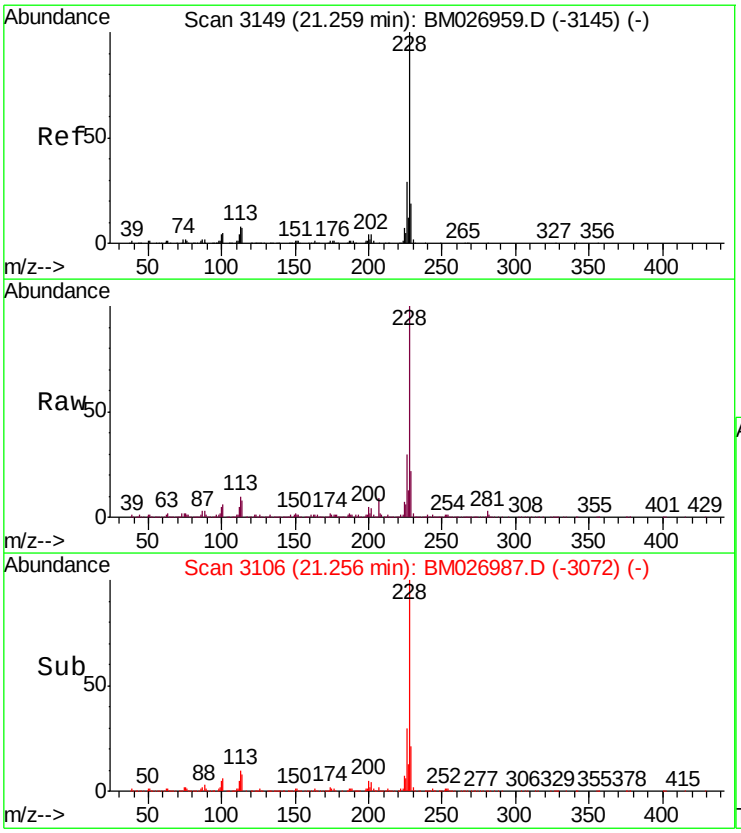
#83
Benzo(a)anthracene
Concen: 14.098 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. 0.05 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tgt Ion:228 Resp: 500958

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.4	23.2
226	30.0	20.9	31.3

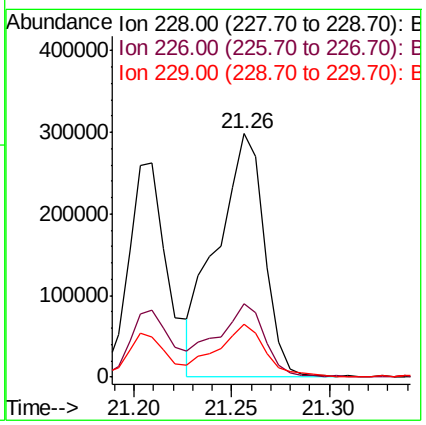


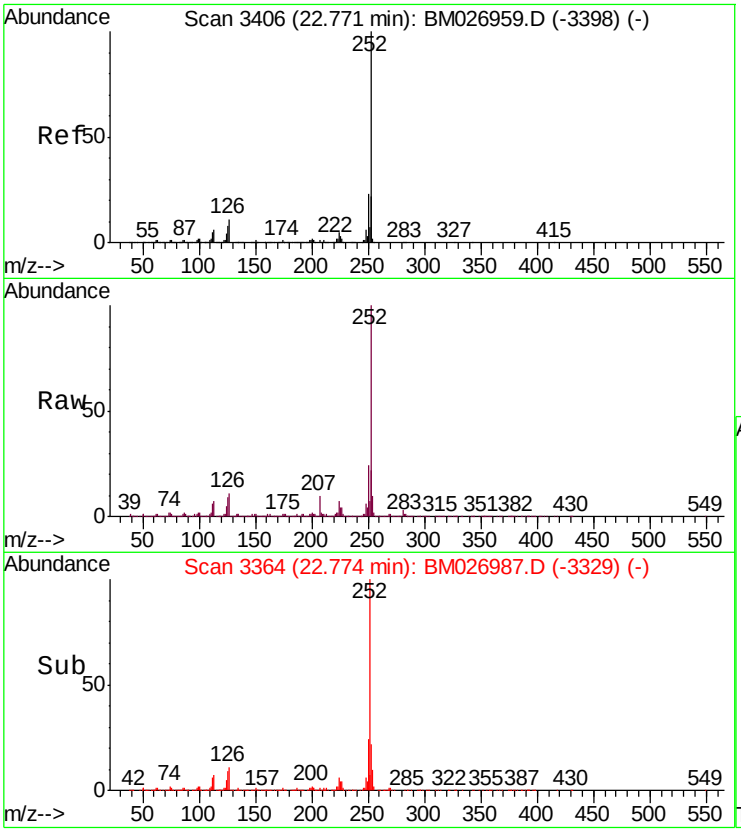


#85
Chrysene
Concen: 14.458 ng/ul
RT: 21.26 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion:228 Resp: 500981

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.2	34.8
229	21.6	15.5	23.3



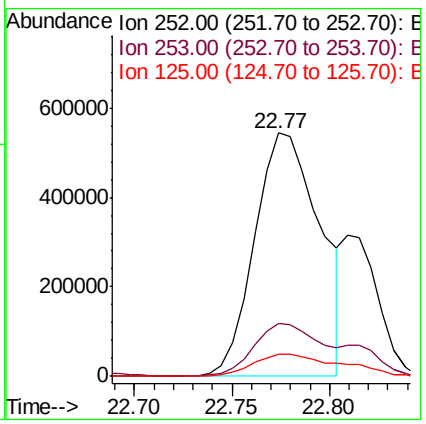


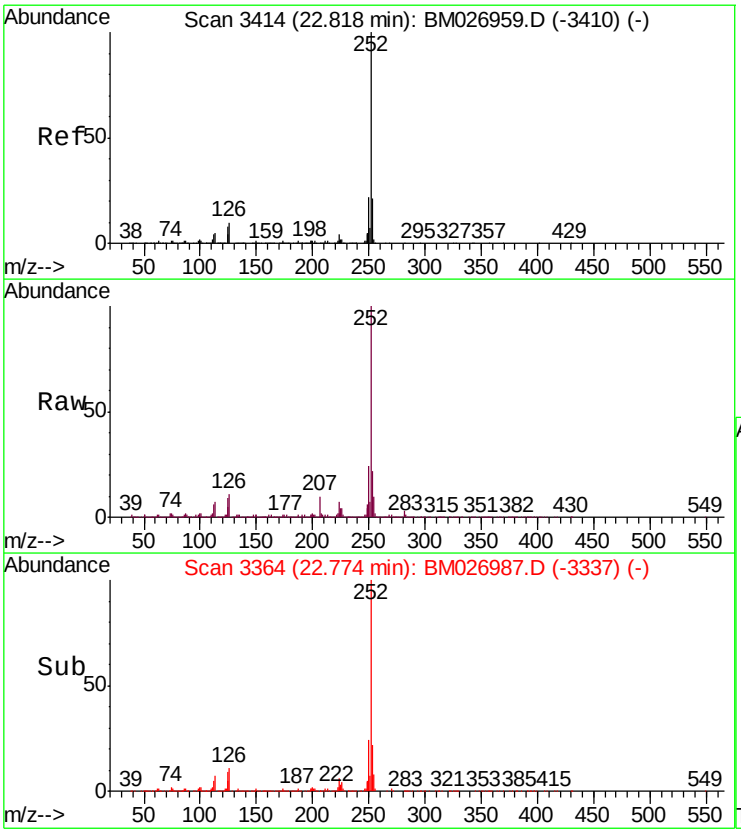
#88
Benzo(b)fluoranthene
Concen: 34.789 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. 0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tgt Ion:252 Resp: 1259249

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	8.9	6.6	10.0

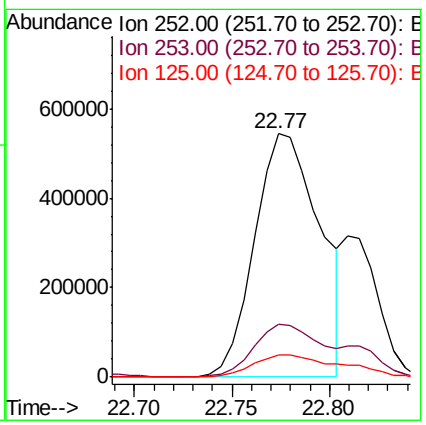


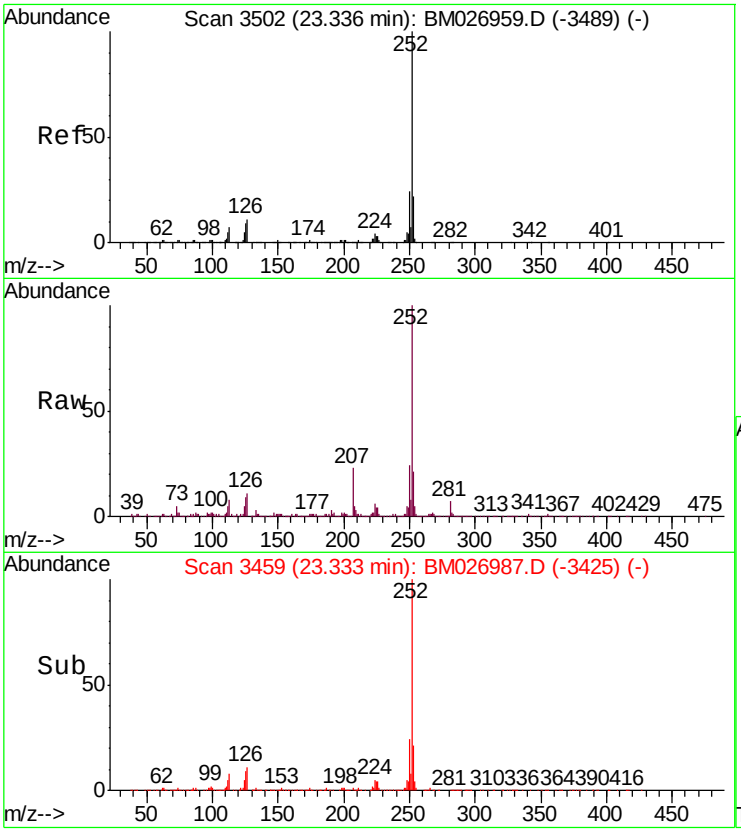


#89
Benzo(k)fluoranthene
Concen: 36.254 ng/ul
RT: 22.77 min Scan# 3364
Delta R.T. -0.04 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion:252 Resp: 1259249

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	8.9	7.3	10.9



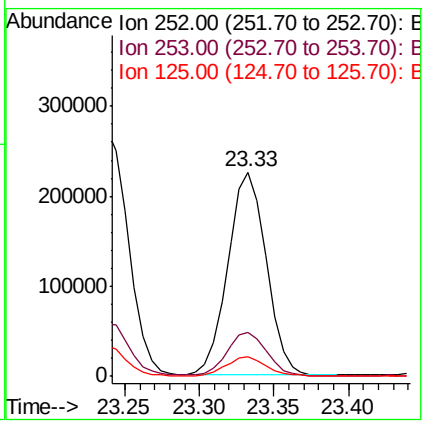


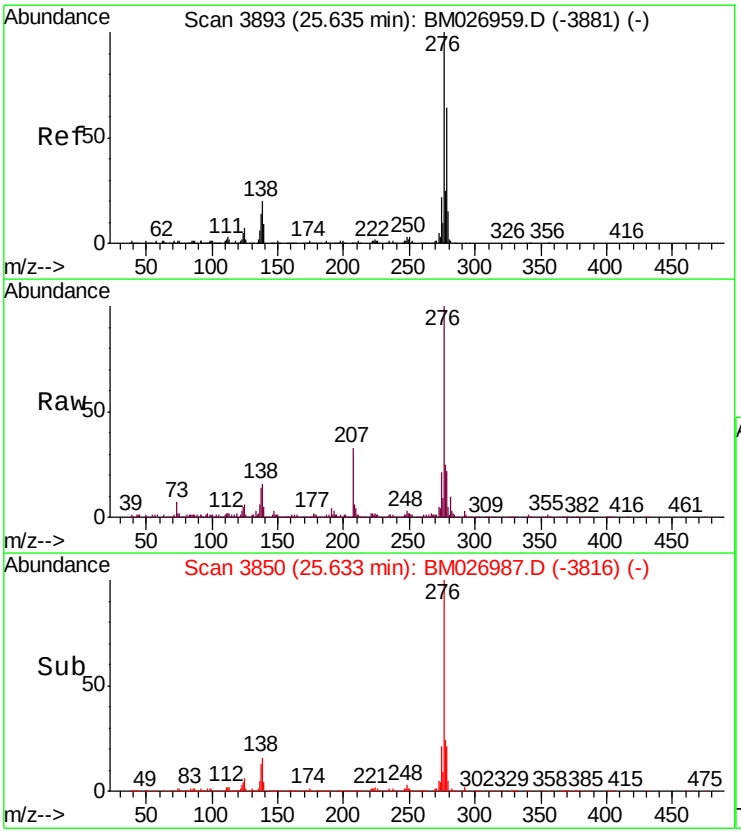
#91
Benzo(a)pyrene
Concen: 12.349 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tgt Ion:252 Resp: 403350

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	9.5	8.2	12.2

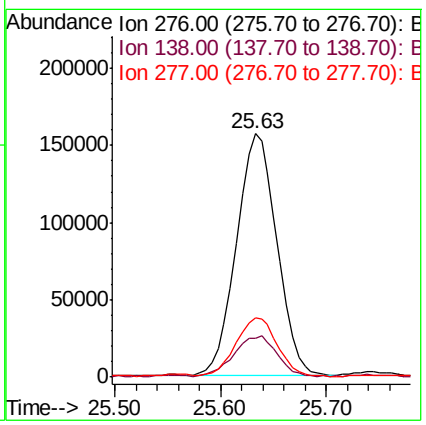


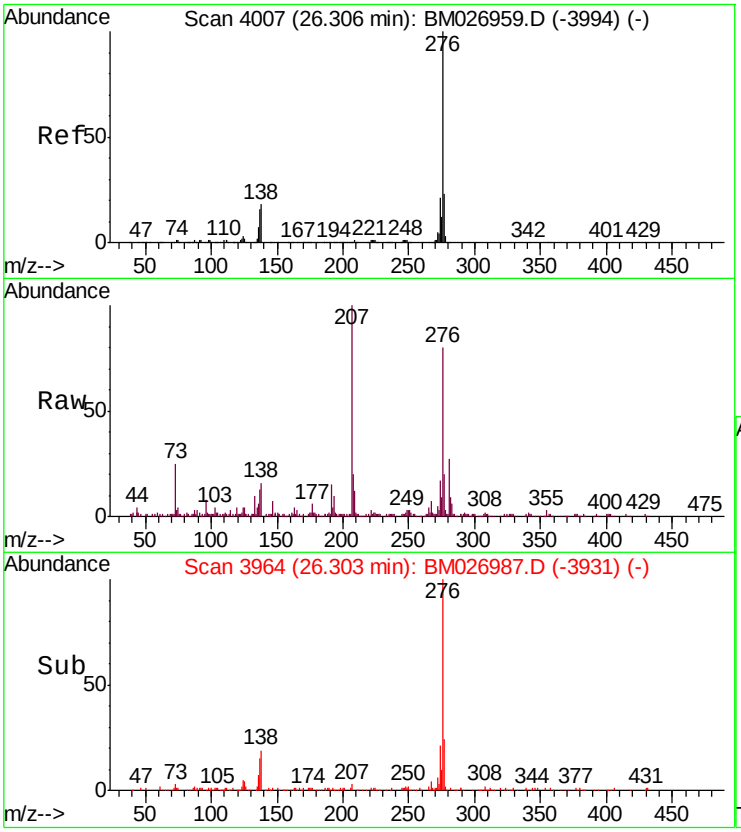


#92
Indeno(1,2,3-cd)pyrene
Concen: 10.326 ng/ul
RT: 25.63 min Scan# 3850
Delta R.T. -0.00 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Tgt Ion:276 Resp: 418415

Ion	Ratio	Lower	Upper
276	100		
138	15.8	17.0	25.4#
277	24.5	20.6	30.8





#94
Benzo(g,h,i)perylene
Concen: 3.525 ng/ul
RT: 26.30 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM026987.D
Acq: 03 Aug 2020 20:26

Instrument :
BNA_M
ClientSampleId :
C0S81DL

Tgt Ion:276 Resp: 118113

Ion	Ratio	Lower	Upper
276	100		
138	19.8	14.9	22.3
277	24.9	19.1	28.7