Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027102.D
Acq On : 15 Aug 2020 00:33
Operator : JU/CG
Sample : L3631-20
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFMN6

Quant Time: Aug 17 01:24:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	139279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	518286	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	333176	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	709151	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	780807	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	778361	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	4730	1.54	ng/uL	0.00
5) Phenol-d5	6.82	99	99444	9.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	68735	9.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	79452	9.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	75678	8.96	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	38277	9.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	39193	9.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	83432	9.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	88298	8.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	273112	10.28	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	300704	9.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	30501	6.80	ng/ul	0.00
58) Fluorene-d10	15.27	176	223243	9.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	22917	5.92	ng/ul	0.00
71) Anthracene-d10	17.11	188	342388	9.80	ng/ul	0.00
79) Pyrene-d10	19.41	212	393714	10.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	428211	9.86	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.99	152	78735	2.446	ng/ul	98
70) Phenanthrene	17.06	178	672502	15.818	ng/ul	98
72) Anthracene	17.14	178	182257	4.213	ng/ul	99
77) Fluoranthene	19.08	202	1968325	38.180	ng/ul	97
80) Pyrene	19.44	202	1708292	32.233	ng/ul	99
83) Benzo(a)anthracene	21.19	228	1060968	20.184	ng/ul	96
85) Chrysene	21.24	228	877335	17.004	ng/ul	97
88) Benzo(b)fluoranthene	22.76	252	1121962	20.758	ng/ul	98
89) Benzo(k)fluoranthene	22.76	252	1121962	20.945	ng/ul	97
91) Benzo(a)pyrene	23.31	252	787875	16.017	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.60	276	476732	7.522	ng/ul	98
93) Dibenzo(a,h)anthracene	25.60	278	136091	2.535	ng/ul#	90
94) Benzo(g,h,i)perylene	26.26	276	358236	6.843	ng/ul	98

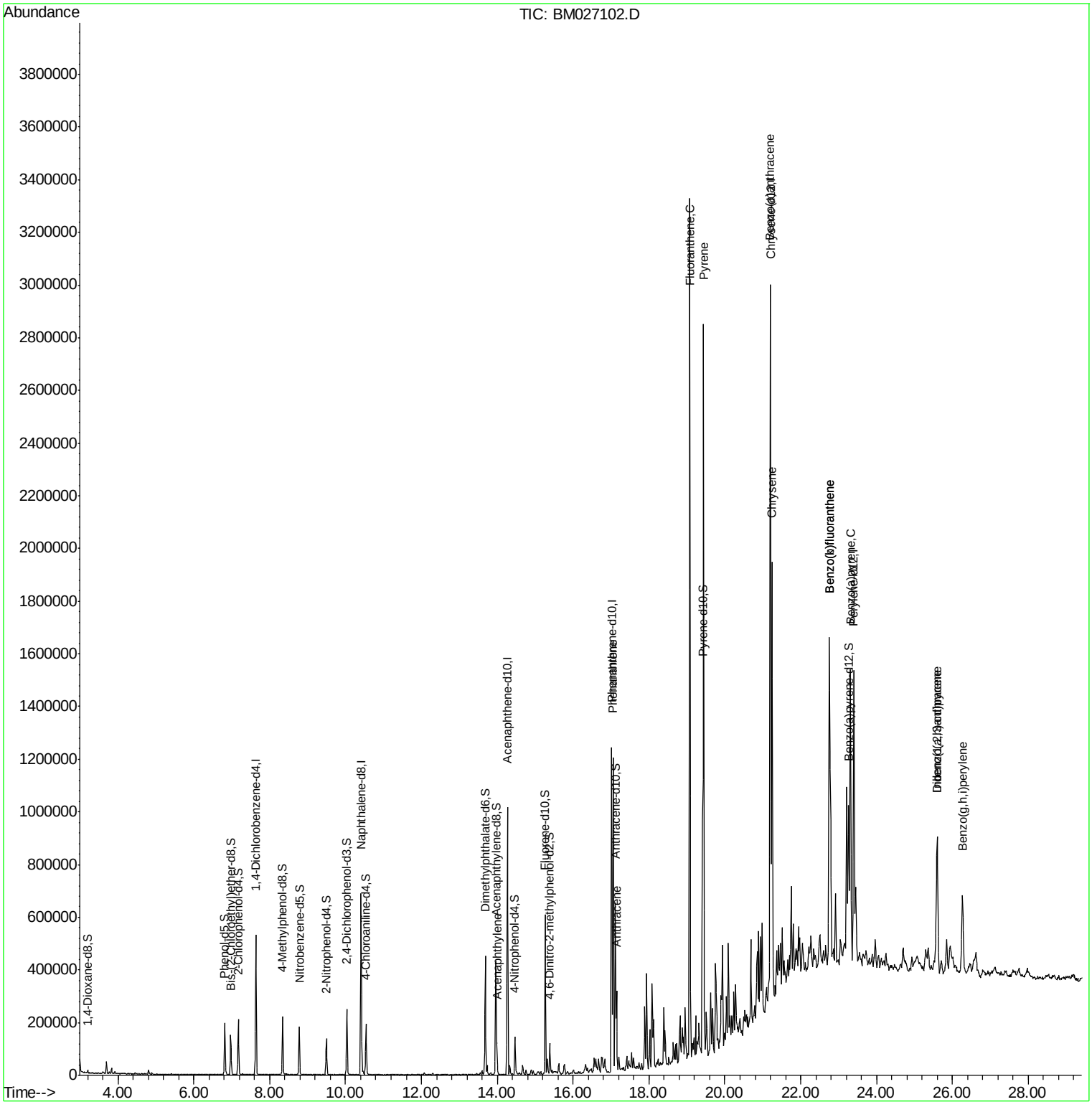
(#) = qualifier out of range (m) = manual integration (+) = signals summed

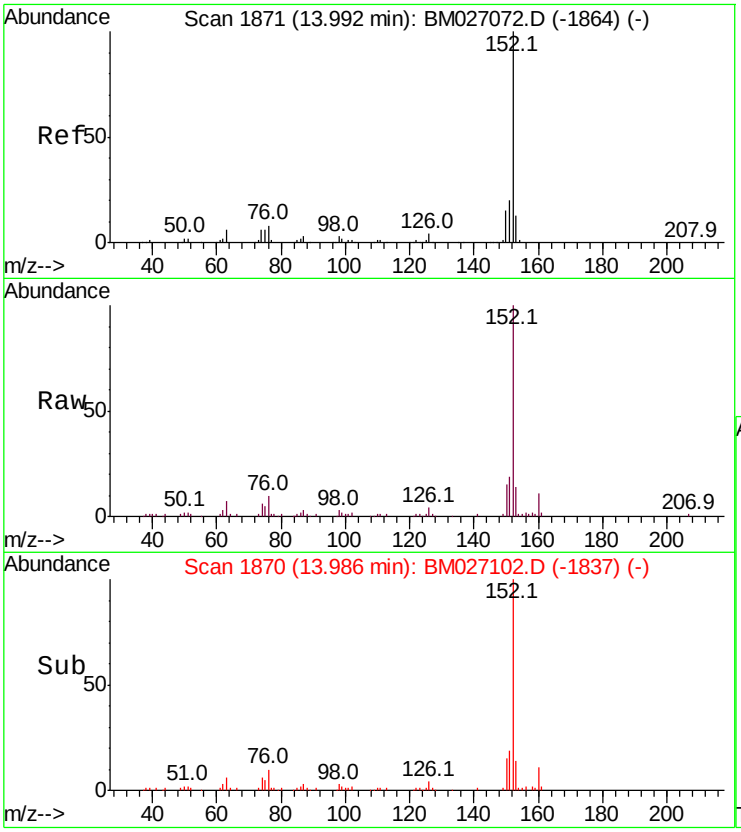
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027102.D
Acq On : 15 Aug 2020 00:33
Operator : JU/CG
Sample : L3631-20
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFMN6

Quant Time: Aug 17 01:24:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration



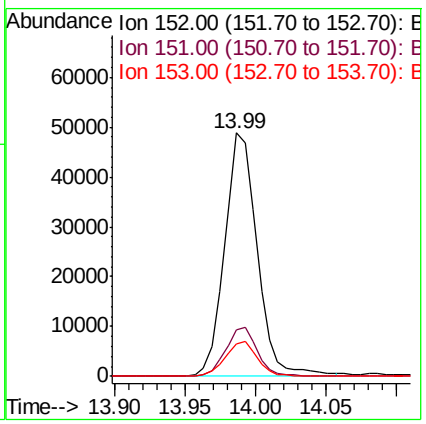


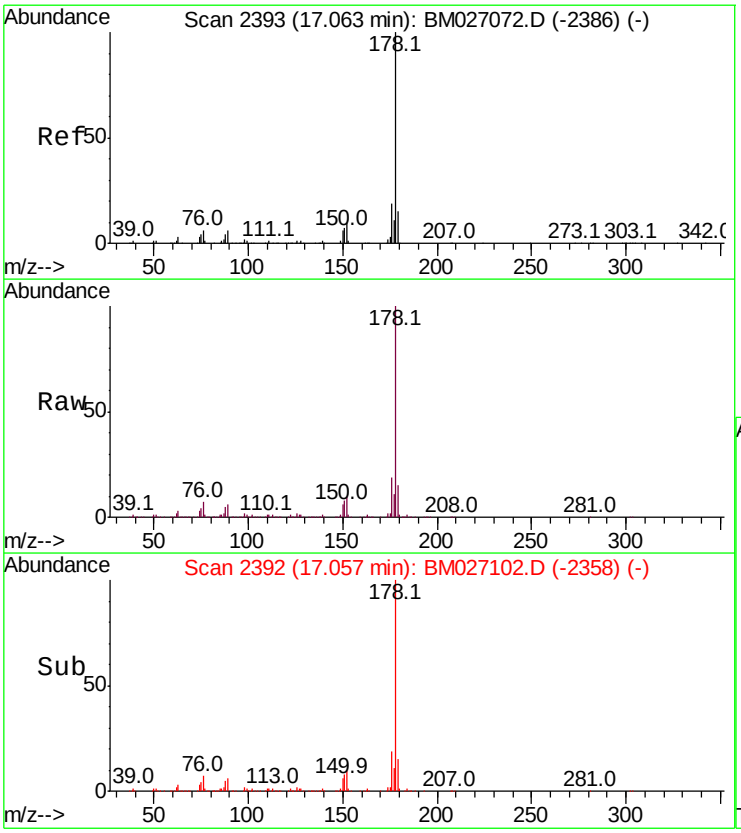
#48
Acenaphthylene
Concen: 2.446 ng/ul
RT: 13.99 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Instrument :
BNA_M
ClientSampleId :
BFMN6

Tgt Ion:152 Resp: 78735

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.6	9.8	14.8

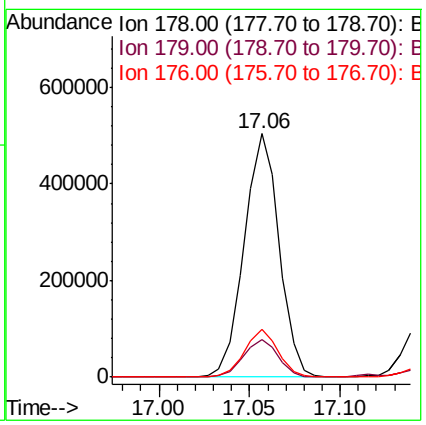


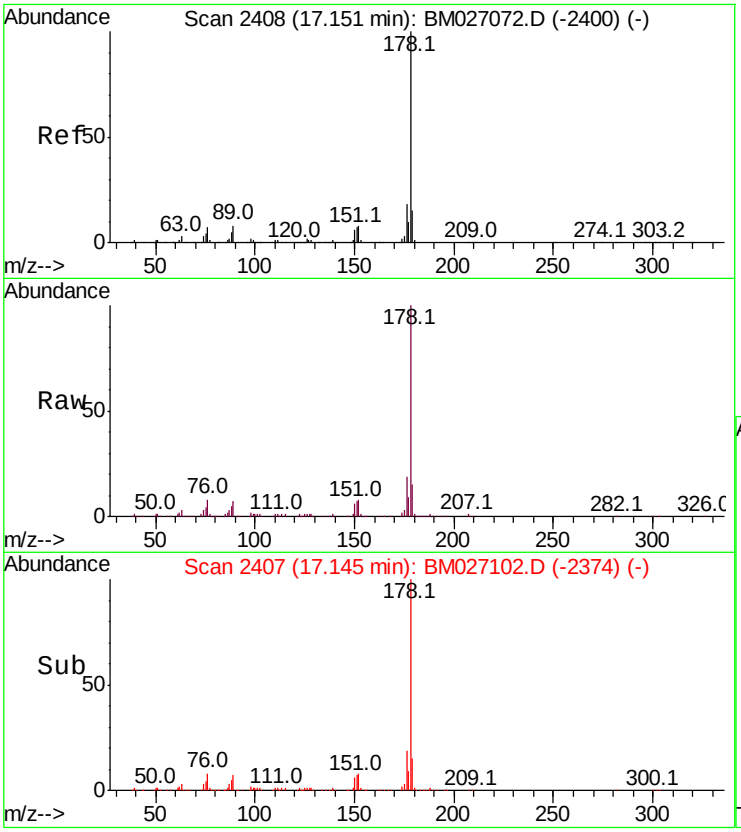


#70
Phenanthrene
Concen: 15.818 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Tgt Ion:178 Resp: 672502

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.9	17.9
176	19.4	14.6	22.0



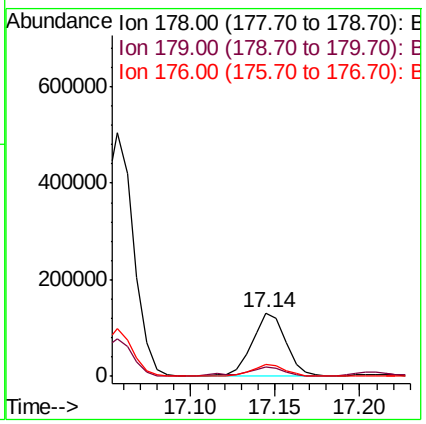


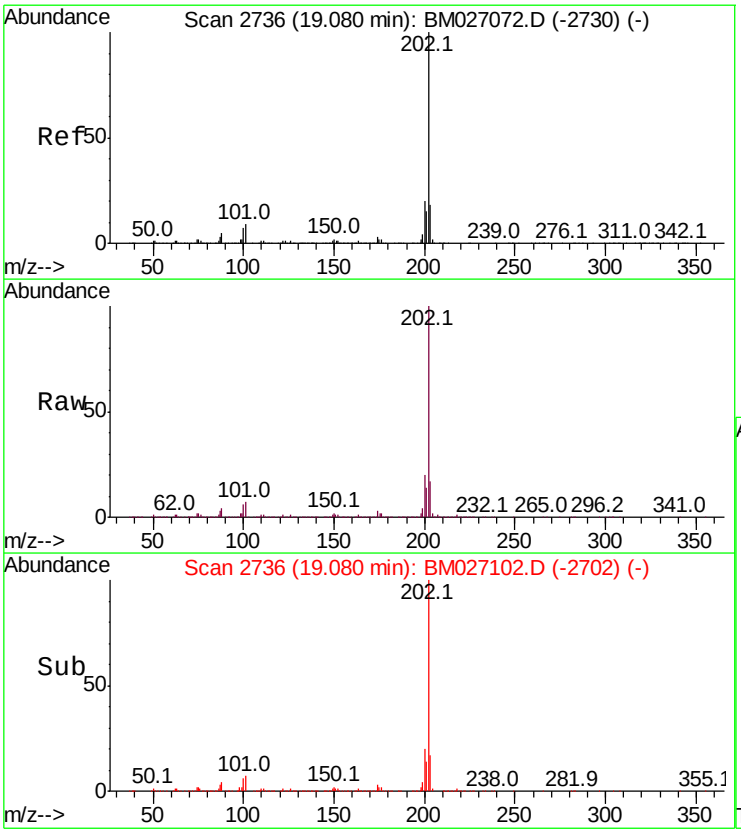
#72
Anthracene
Concen: 4.213 ng/ul
RT: 17.14 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Instrument :
BNA_M
ClientSampleId :
BFMN6

Tgt Ion:178 Resp: 182257

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	18.8	14.3	21.5

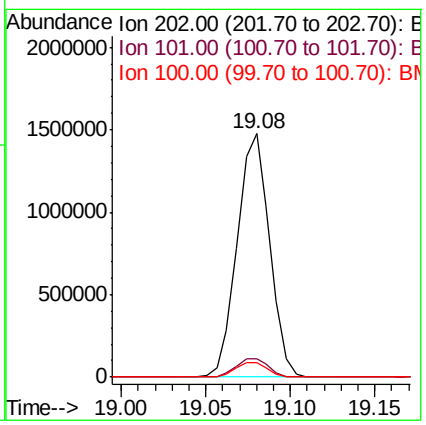


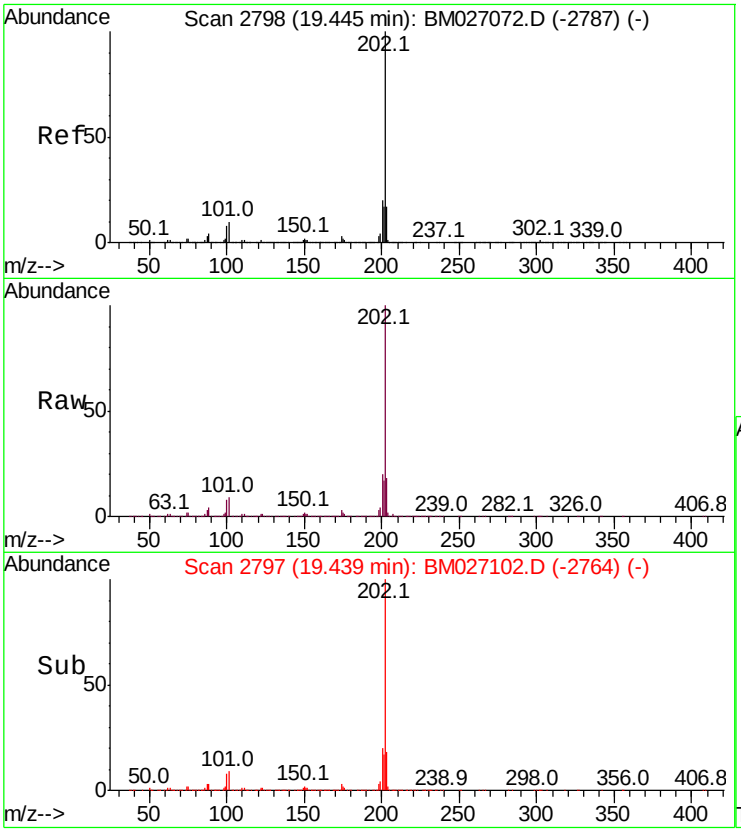


#77
Fluoranthene
Concen: 38.180 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. -0.00 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Tgt Ion:202 Resp: 1968325

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.7	10.1
100	5.9	5.4	8.2



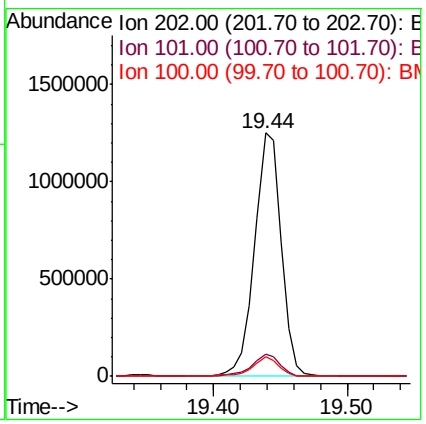


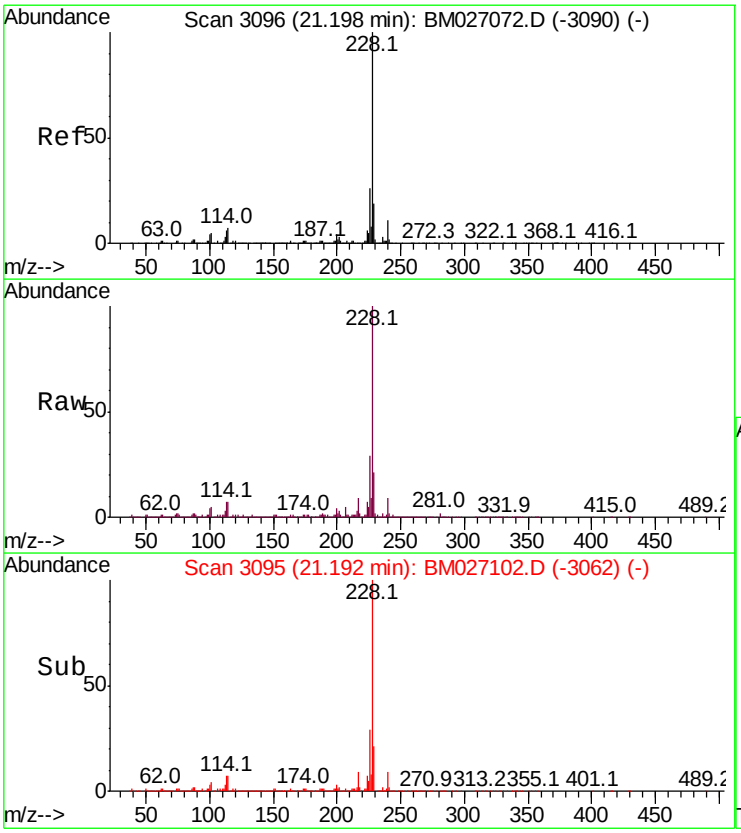
#80
Pyrene
Concen: 32.233 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Instrument :
BNA_M
ClientSampleId :
BFMN6

Tgt Ion:202 Resp: 1708292

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.6	11.4
100	8.1	6.3	9.5

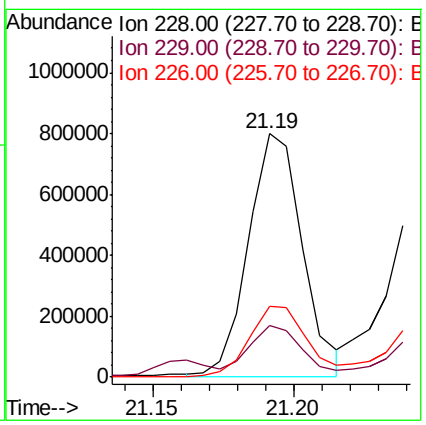


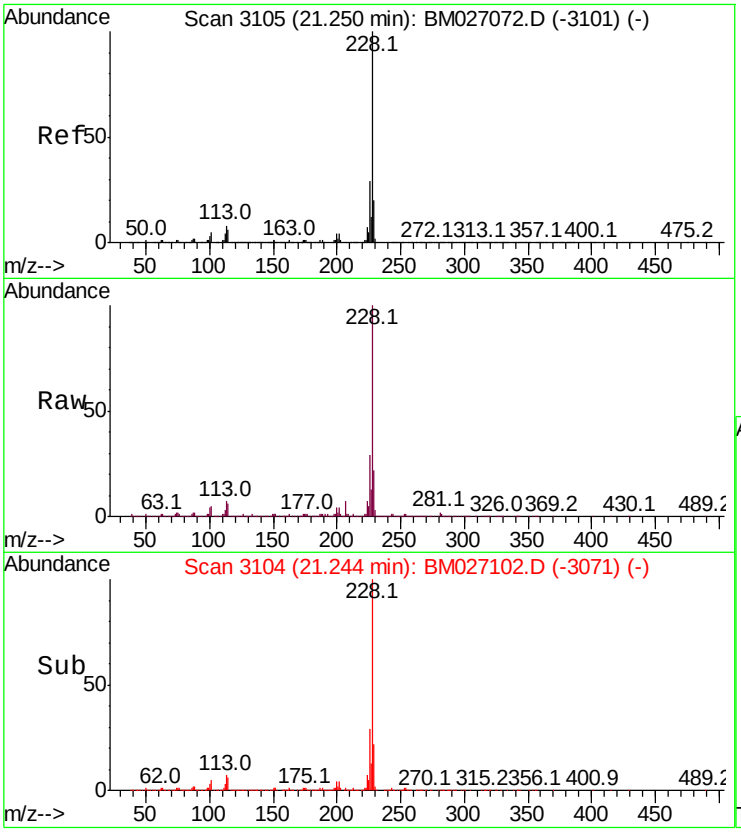


#83
Benzo(a)anthracene
Concen: 20.184 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Tgt Ion:228 Resp: 1060968

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	28.9	21.2	31.8



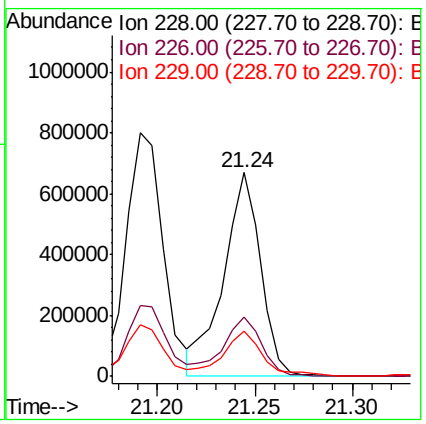


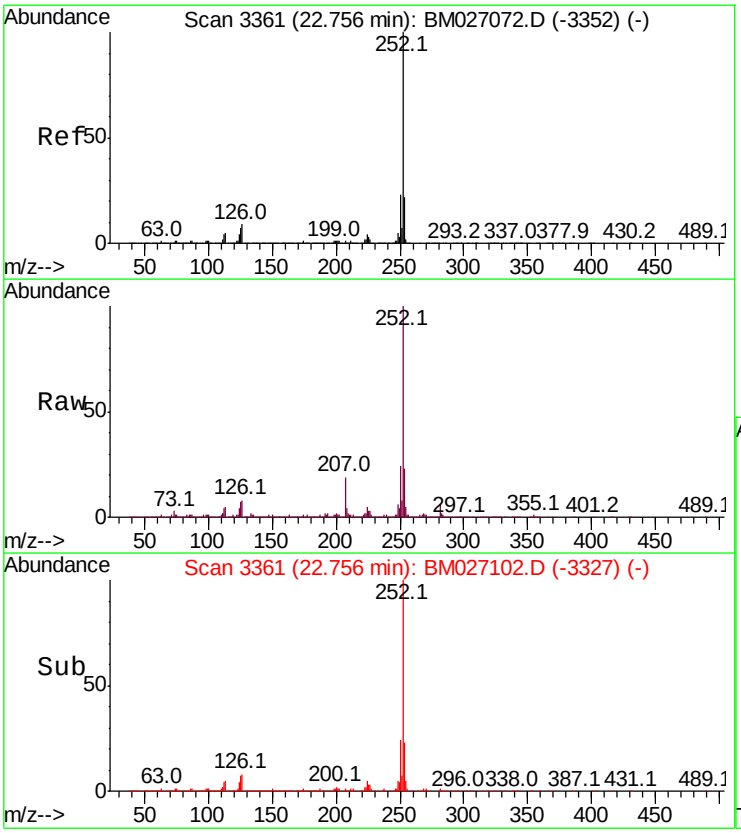
#85
Chrysene
Concen: 17.004 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Instrument :
BNA_M
ClientSampleId :
BFMN6

Tgt Ion:228 Resp: 877335

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.6
229	22.5	15.8	23.8

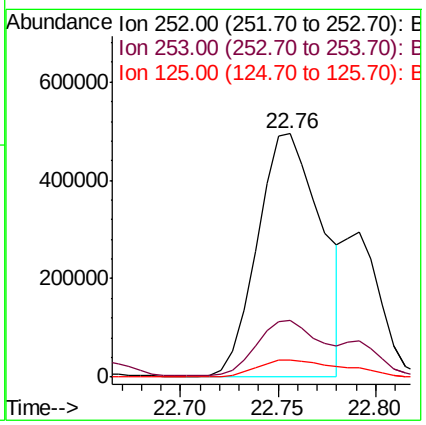


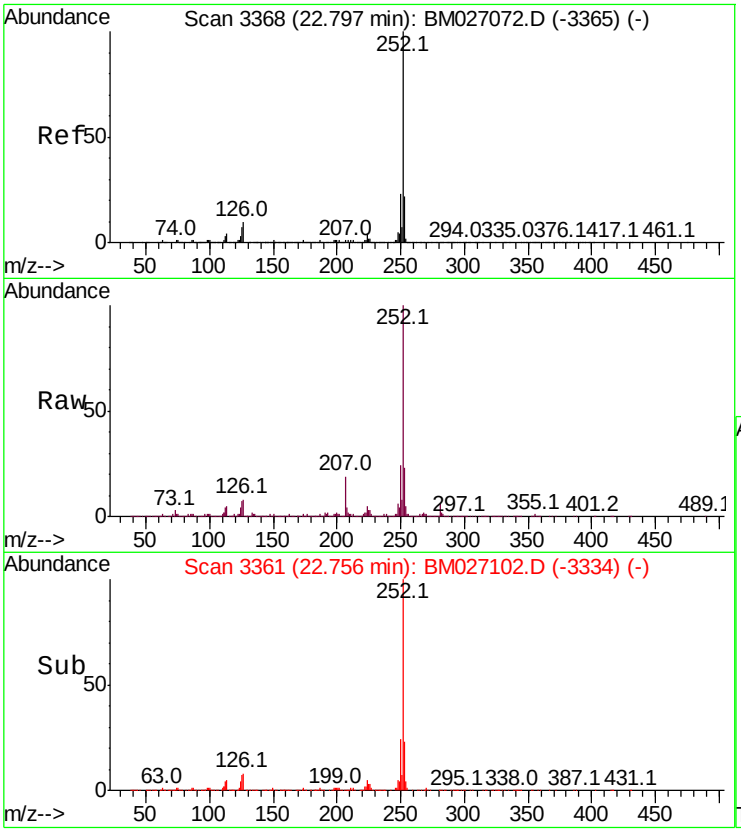


#88
Benzo(b)fluoranthene
Concen: 20.758 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Tgt Ion:252 Resp: 1121962

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	7.1	6.0	9.0



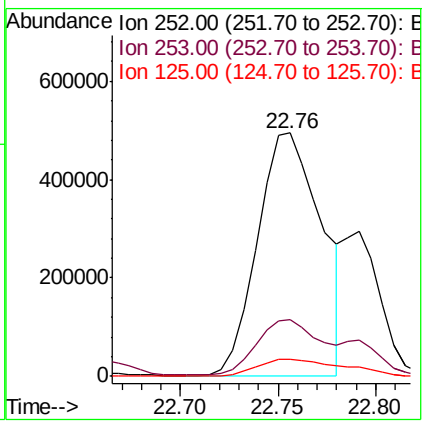


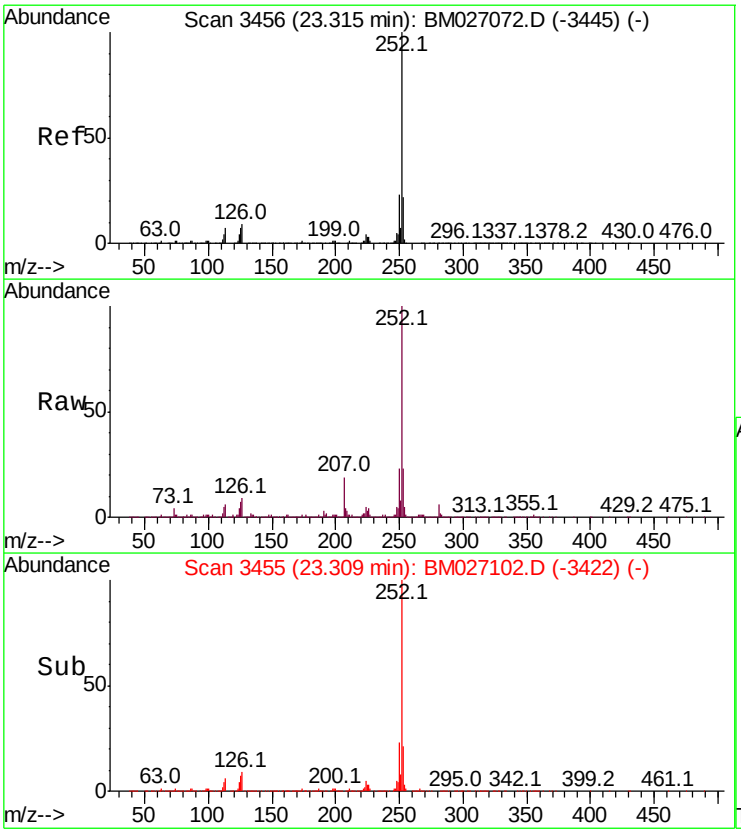
#89
Benzo(k)fluoranthene
Concen: 20.945 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Instrument :
BNA_M
ClientSampleId :
BFMN6

Tgt Ion:252 Resp: 1121962

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	7.1	5.5	8.3

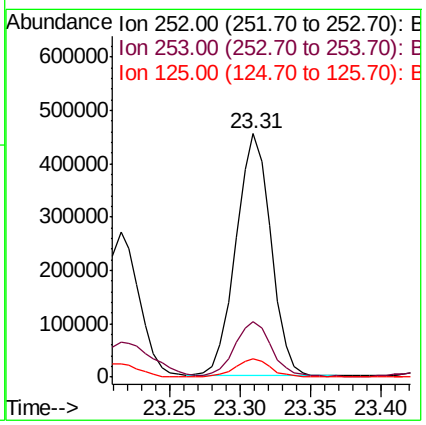


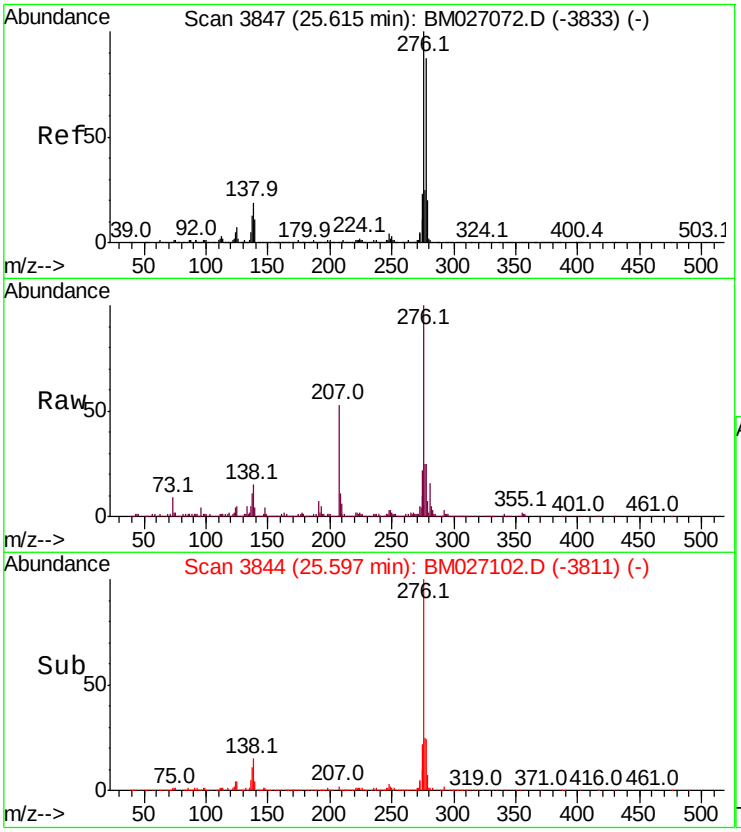


#91
Benzo(a)pyrene
Concen: 16.017 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Tgt Ion:252 Resp: 787875

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	7.4	5.8	8.8



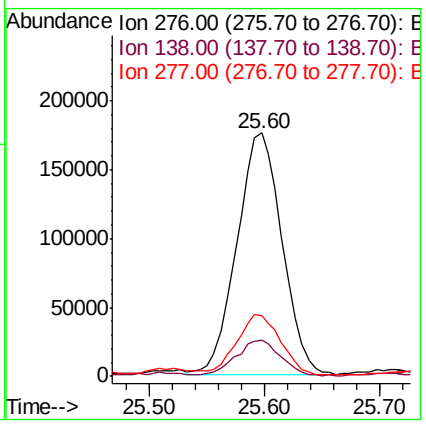


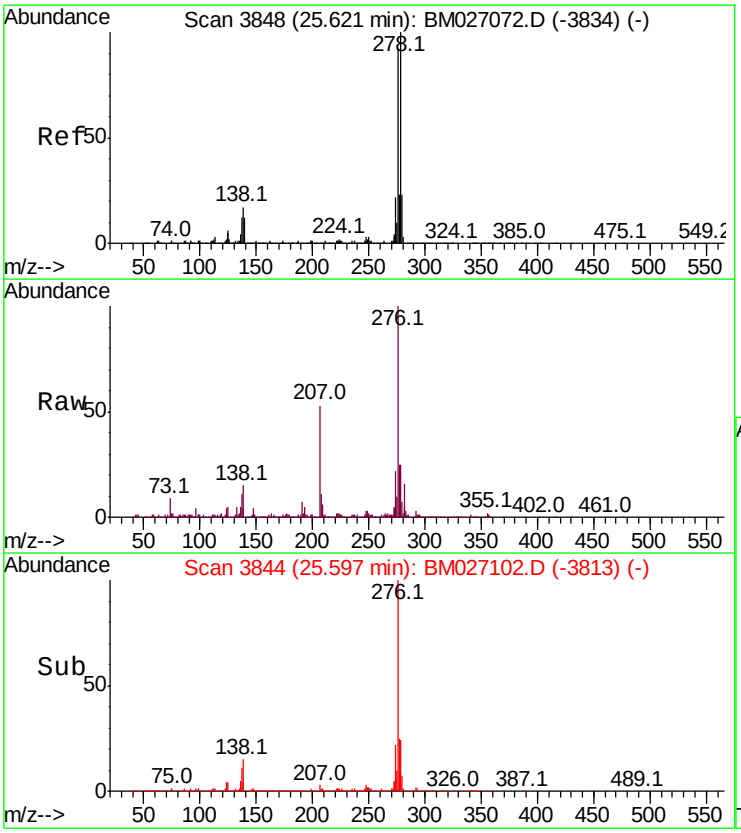
#92
Indeno(1,2,3-cd)pyrene
Concen: 7.522 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Instrument :
BNA_M
ClientSampleId :
BFMN6

Tgt Ion:276 Resp: 476732

Ion	Ratio	Lower	Upper
276	100		
138	14.8	13.9	20.9
277	24.8	19.8	29.8

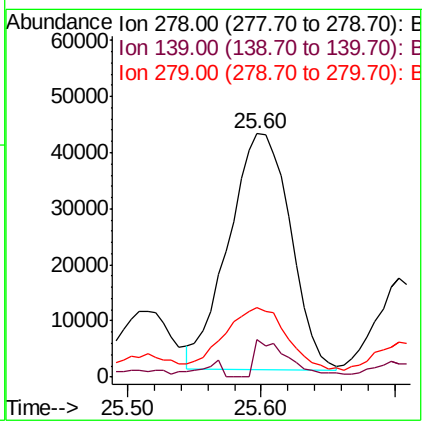


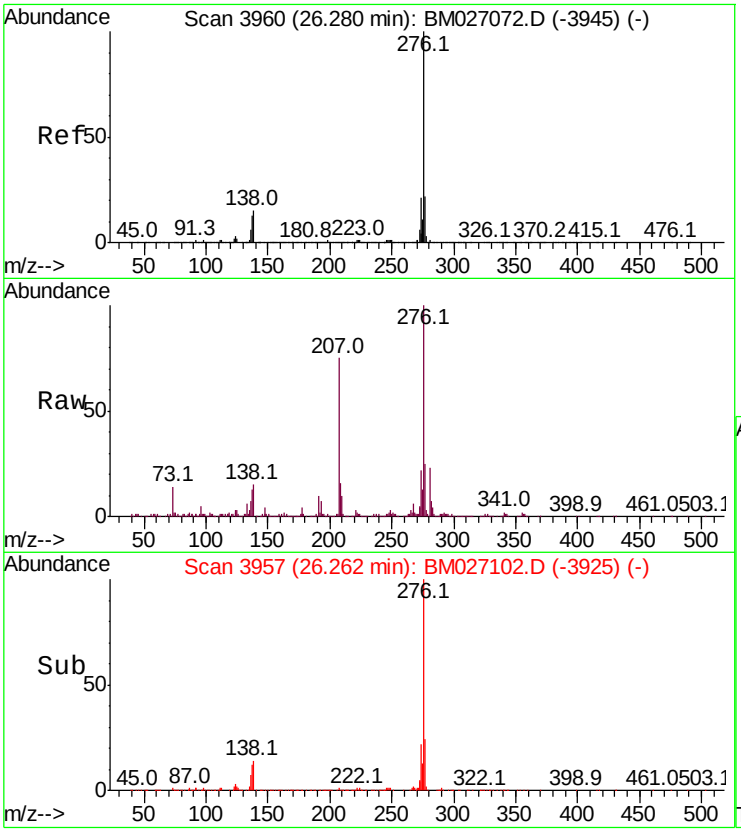


#93
Dibenzo(a,h)anthracene
Concen: 2.535 ng/ul
RT: 25.60 min Scan# 3844
Delta R.T. -0.02 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Tgt Ion:278 Resp: 136091

Ion	Ratio	Lower	Upper
278	100		
139	15.6	9.4	14.0#
279	28.5	18.7	28.1#





#94
Benzo(g,h,i)perylene
Concen: 6.843 ng/ul
RT: 26.26 min Scan# 3957
Delta R.T. -0.01 min
Lab File: BM027102.D
Acq: 15 Aug 2020 00:33

Instrument :
BNA_M
ClientSampleId :
BFMN6

Tgt Ion:276 Resp: 358236

Ion	Ratio	Lower	Upper
276	100		
138	14.6	12.3	18.5
277	24.7	19.0	28.6