Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027076.D
Acq On : 14 Aug 2020 01:31
Operator : JU/CG
Sample : L3630-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 14 03:19:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	144001	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	540556	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	339060	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	701079	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	699450	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	705262	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	11025	3.48	ng/uL	0.00
5) Phenol-d5	6.82	99	287005	25.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	192006	25.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	224620	25.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	218531	25.03	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	107494	25.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	120254	27.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	251000	26.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	249291	22.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	739943	27.37	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	913428	28.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	110541	24.22	ng/ul	0.00
58) Fluorene-d10	15.27	176	630204	26.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	78306	20.45	ng/ul	0.00
71) Anthracene-d10	17.12	188	965771	27.96	ng/ul	0.00
79) Pyrene-d10	19.42	212	1072221	30.74	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1169923	29.72	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.73	163	273752	9.661	ng/ul	99
48) Acenaphthylene	13.99	152	206604	6.308	ng/ul	98
59) Fluorene	15.33	166	43712	1.572	ng/ul	99
70) Phenanthrene	17.06	178	1568819	37.326	ng/ul	100
72) Anthracene	17.15	178	125101	2.925	ng/ul	99
75) Carbazole	17.42	167	43603	1.208	ng/ul	99
77) Fluoranthene	19.08	202	2258095	44.305	ng/ul	100
80) Pyrene	19.44	202	2724750	57.391	ng/ul	98
83) Benzo(a)anthracene	21.24	228	1088970	23.127	ng/ul	96
85) Chrysene	21.24	228	1088970	23.561	ng/ul	99
88) Benzo(b)fluoranthene	22.76	252	1279994	26.137	ng/ul	99
89) Benzo(k)fluoranthene	22.76	252	1279994	26.372	ng/ul	98
91) Benzo(a)pyrene	23.32	252	806743	18.101	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.61	276	651339	11.342	ng/ul	97
93) Dibenzo(a,h)anthracene	25.62	278	142196	2.923	ng/ul#	87
94) Benzo(g,h,i)perylene	26.27	276	540051	11.385	ng/ul	98

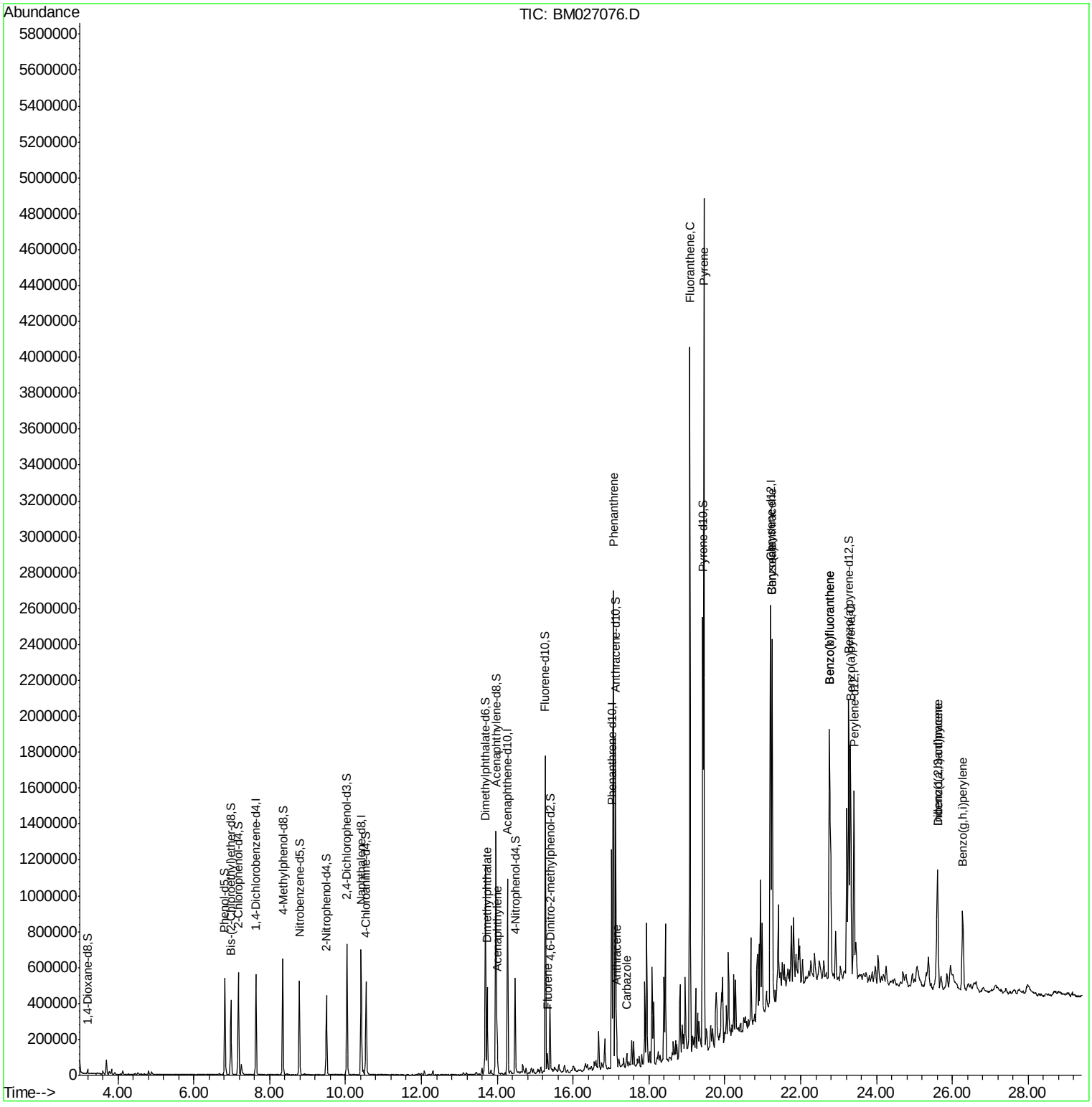
(#) = qualifier out of range (m) = manual integration (+) = signals summed

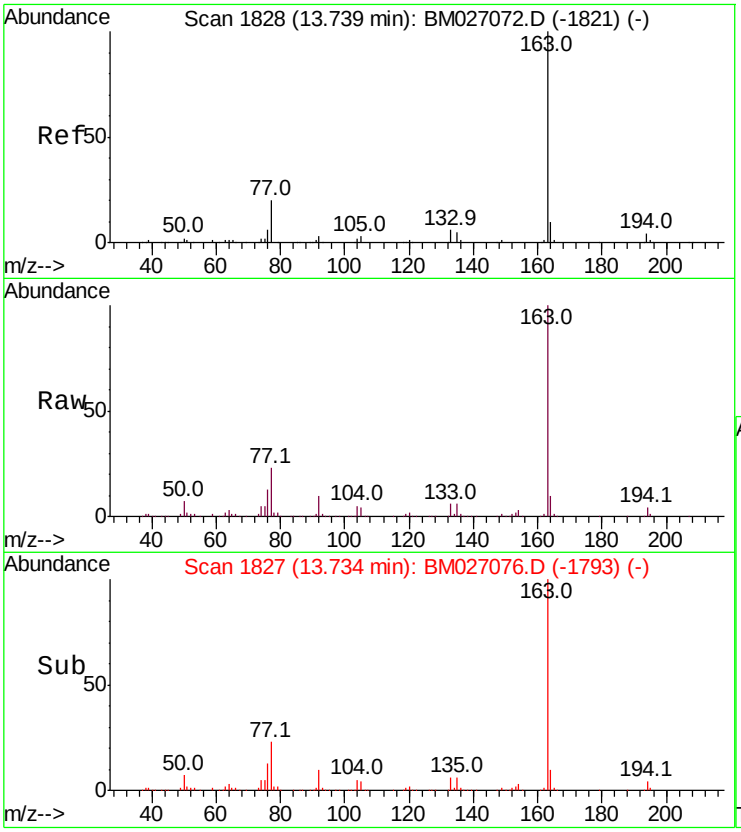
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027076.D
Acq On : 14 Aug 2020 01:31
Operator : JU/CG
Sample : L3630-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 14 03:19:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 14 03:16:58 2020
Response via : Initial Calibration



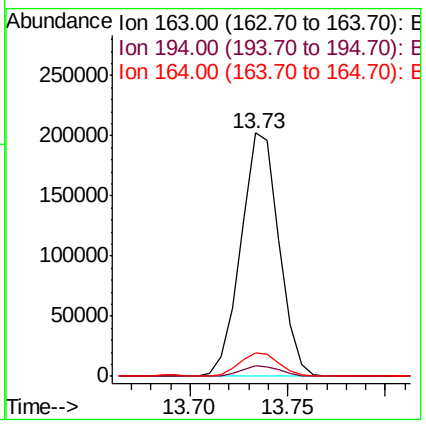


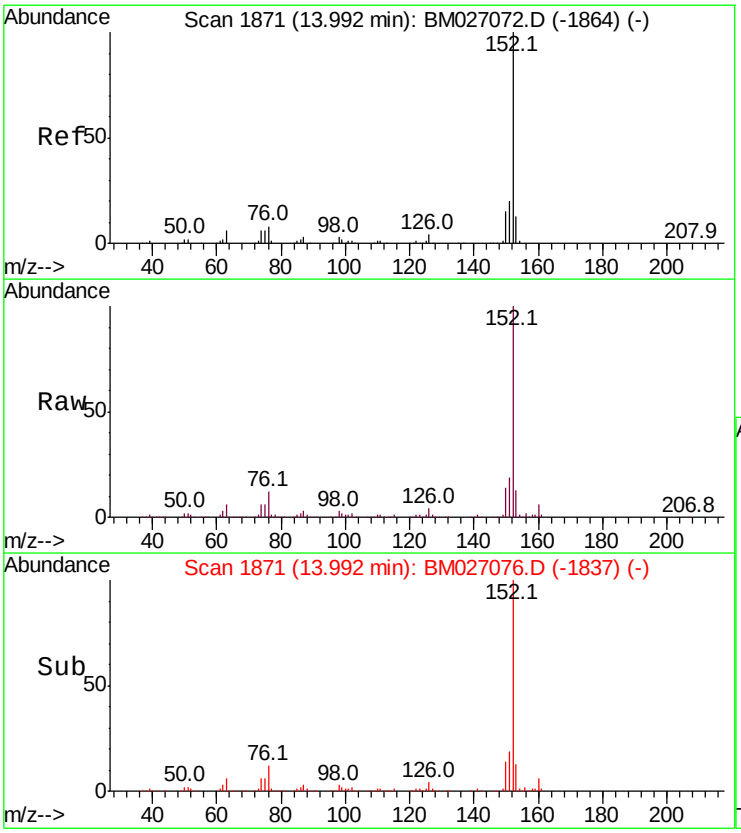
#45
Dimethylphthalate
Concen: 9.661 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 273752

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.9	8.2	12.2

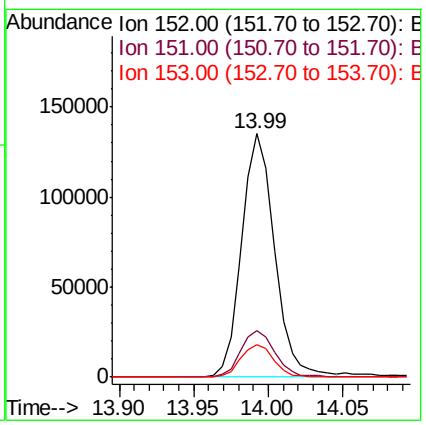


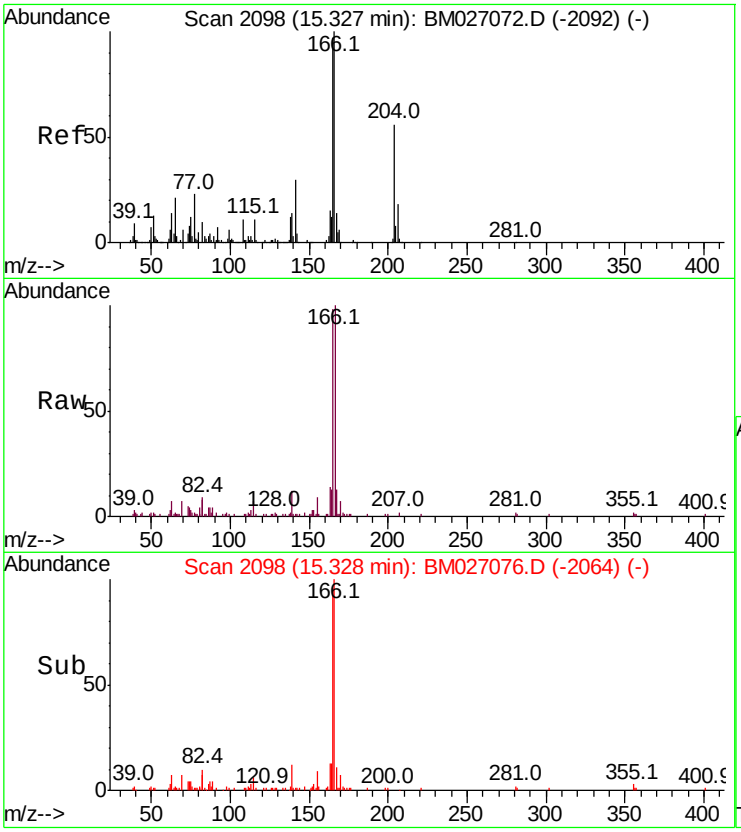


#48
Acenaphthylene
Concen: 6.308 ng/ul
RT: 13.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:152 Resp: 206604

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.9	23.9
153	13.3	9.8	14.8



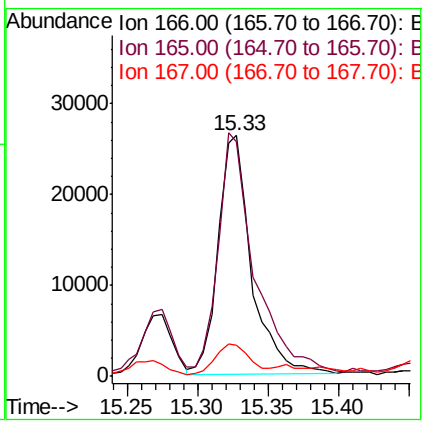


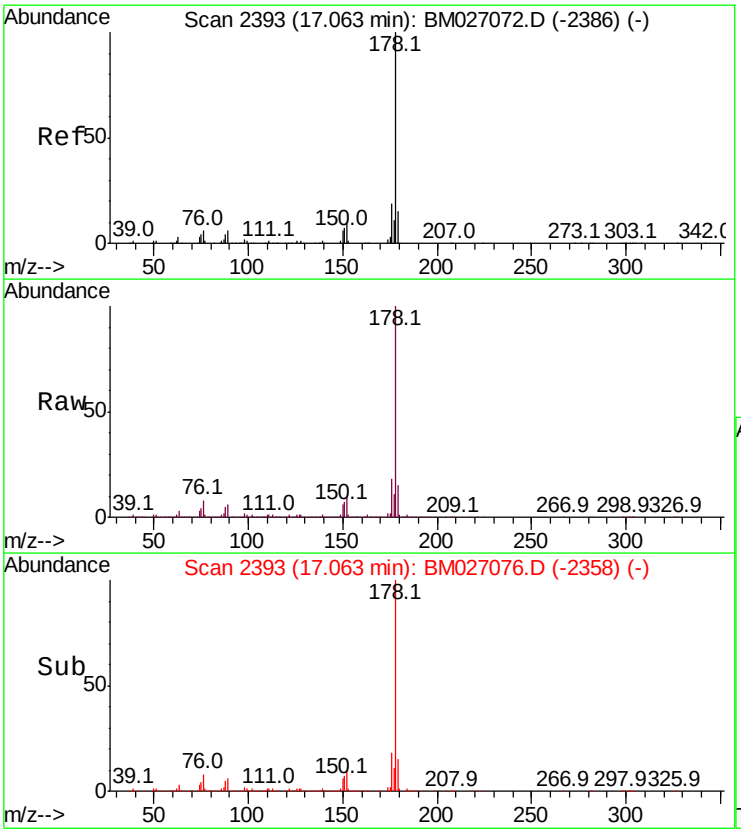
#59
Fluorene
Concen: 1.572 ng/ul
RT: 15.33 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 43712

Ion	Ratio	Lower	Upper
166	100		
165	97.6	76.9	115.3
167	12.8	10.5	15.7

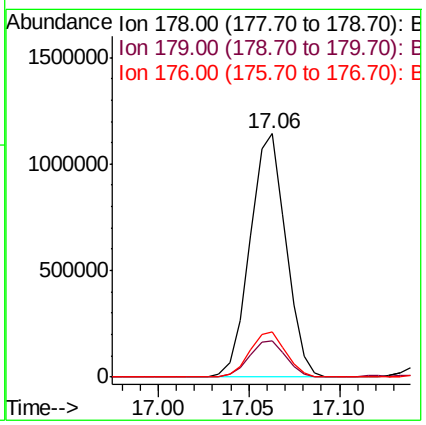


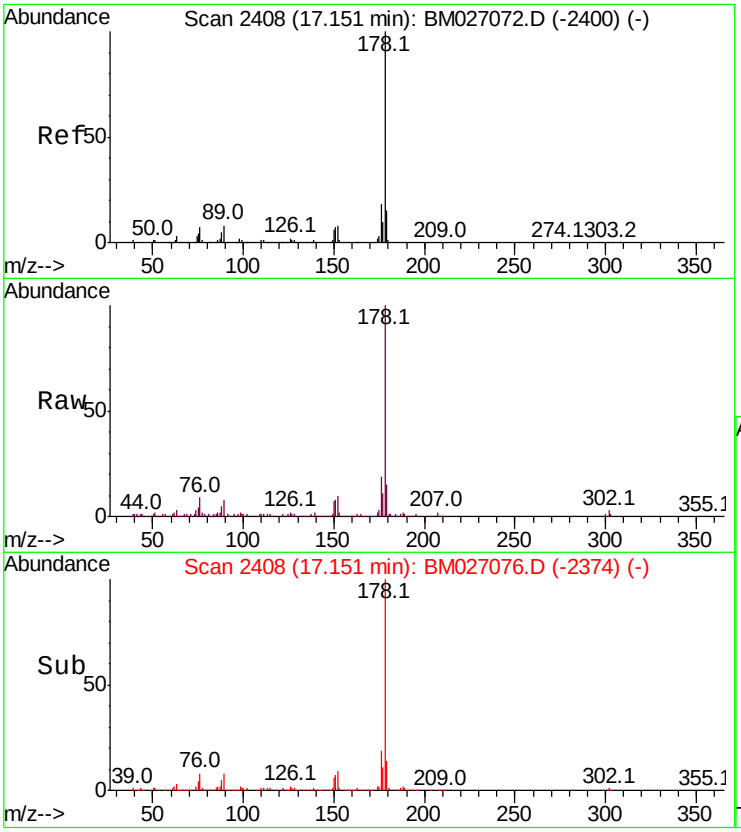


#70
Phenanthrene
Concen: 37.326 ng/ul
RT: 17.06 min Scan# 2393
Delta R.T. 0.01 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:178 Resp: 1568819

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.9	17.9
176	18.5	14.6	22.0



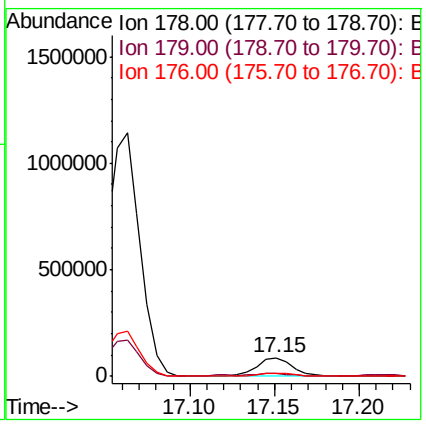


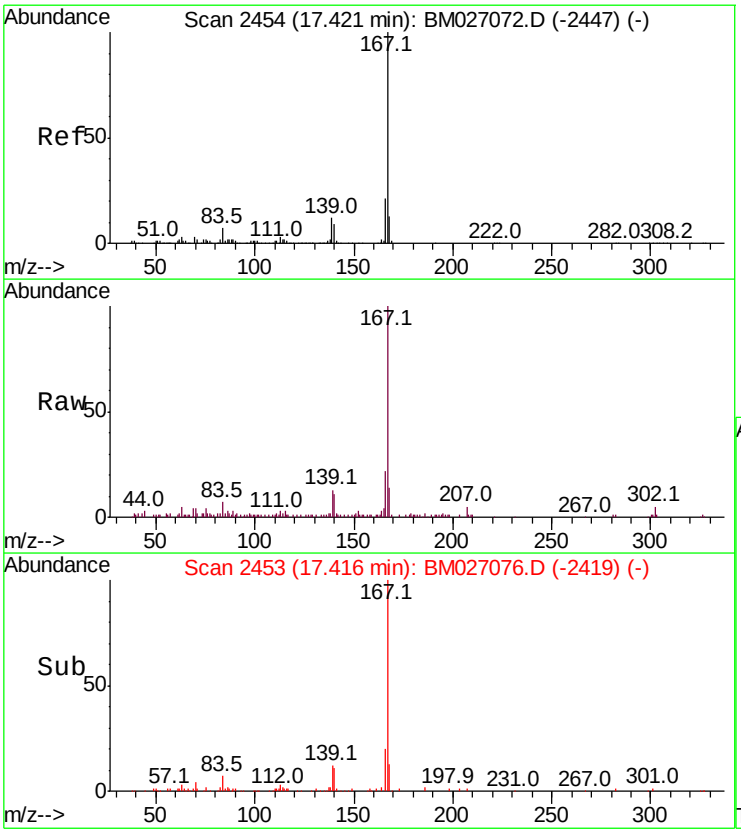
#72
Anthracene
Concen: 2.925 ng/ul
RT: 17.15 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 125101

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	18.9	14.3	21.5

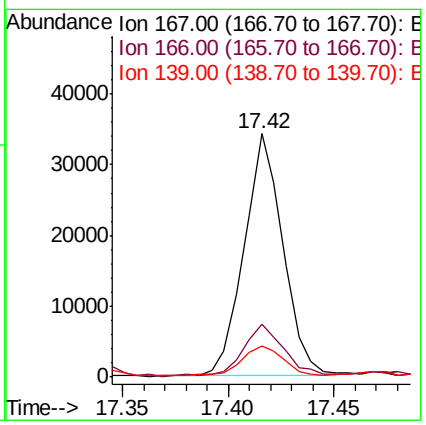


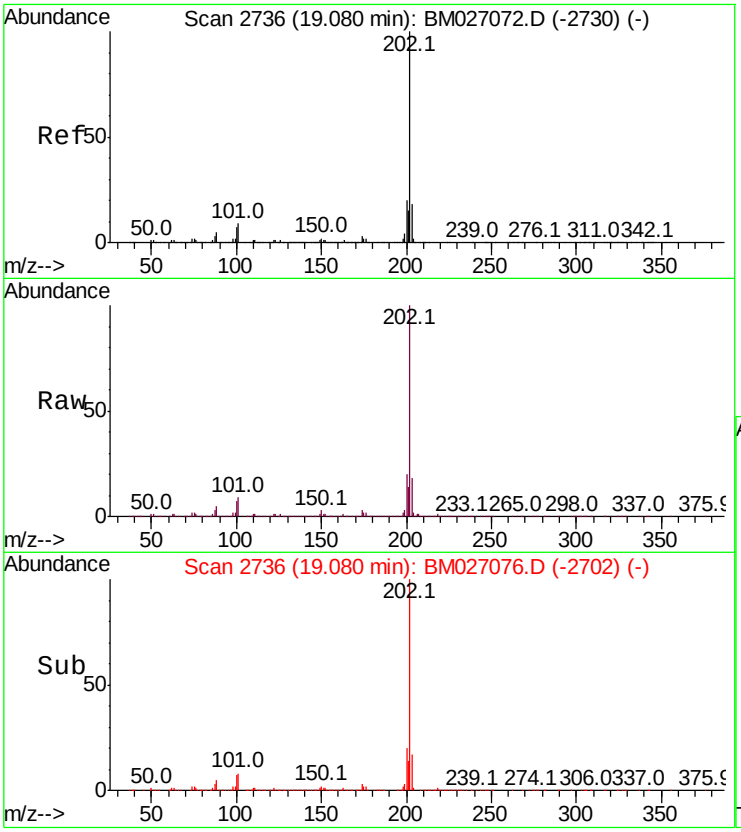


#75
Carbazole
Concen: 1.208 ng/ul
RT: 17.42 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:167 Resp: 43603

Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.0	25.6
139	13.0	9.8	14.6



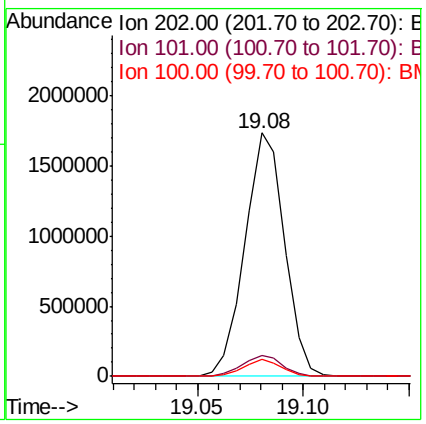


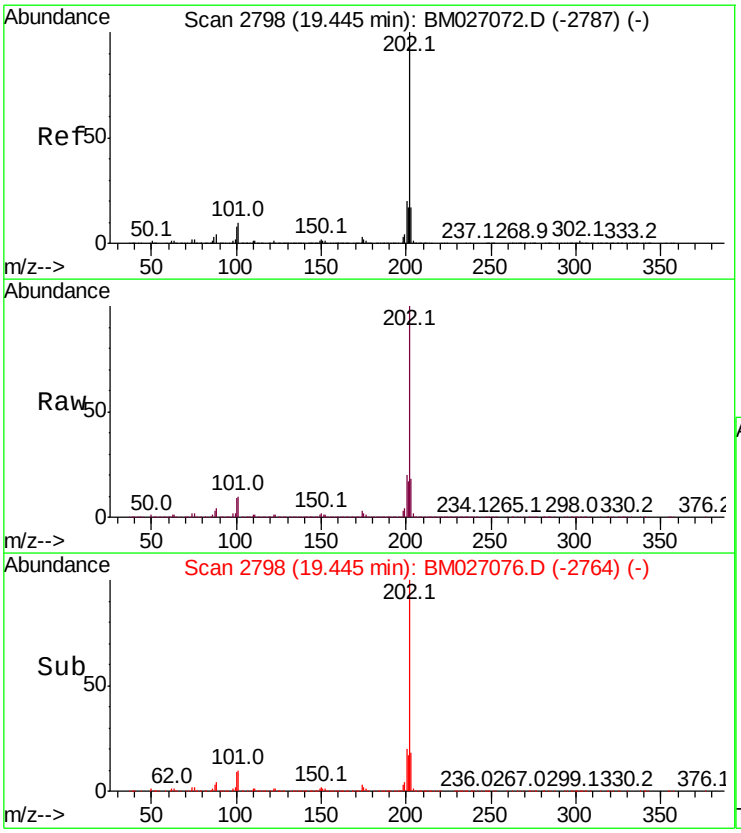
#77
Fluoranthene
Concen: 44.305 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2258095

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
100	6.7	5.4	8.2

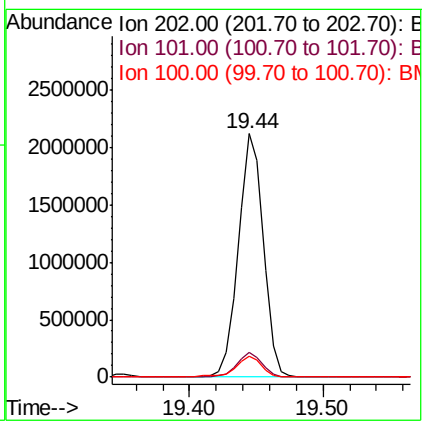


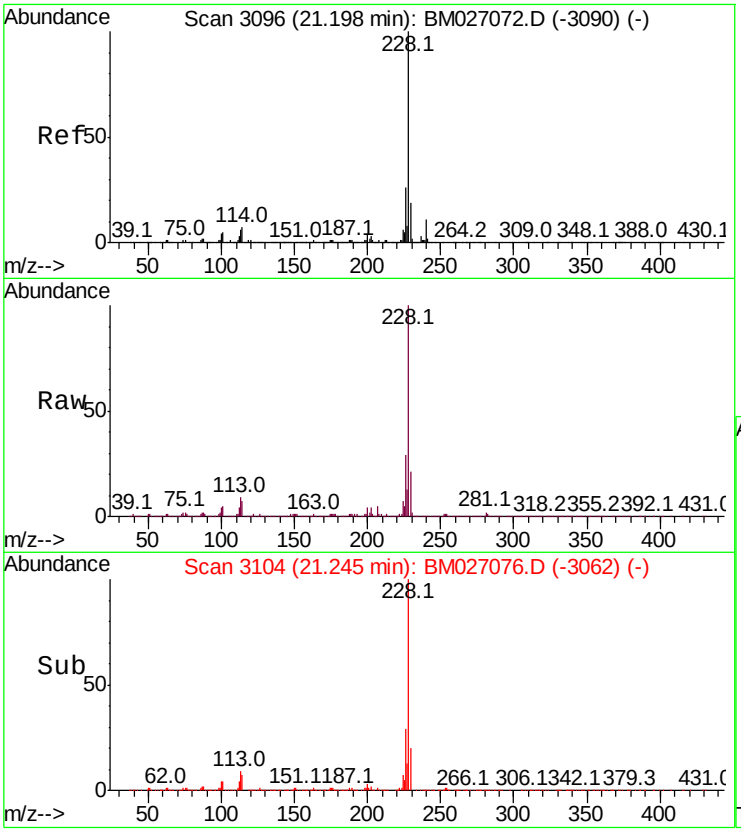


#80
Pyrene
Concen: 57.391 ng/ul
RT: 19.44 min Scan# 2798
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:202 Resp: 2724750

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.6	11.4
100	8.7	6.3	9.5



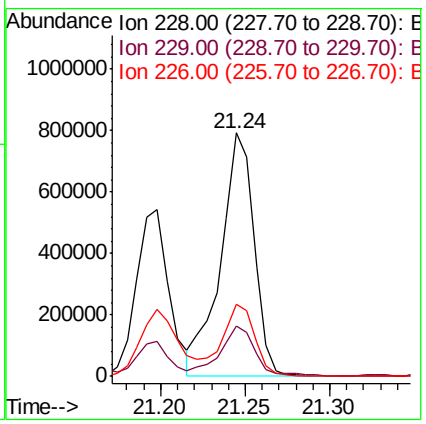


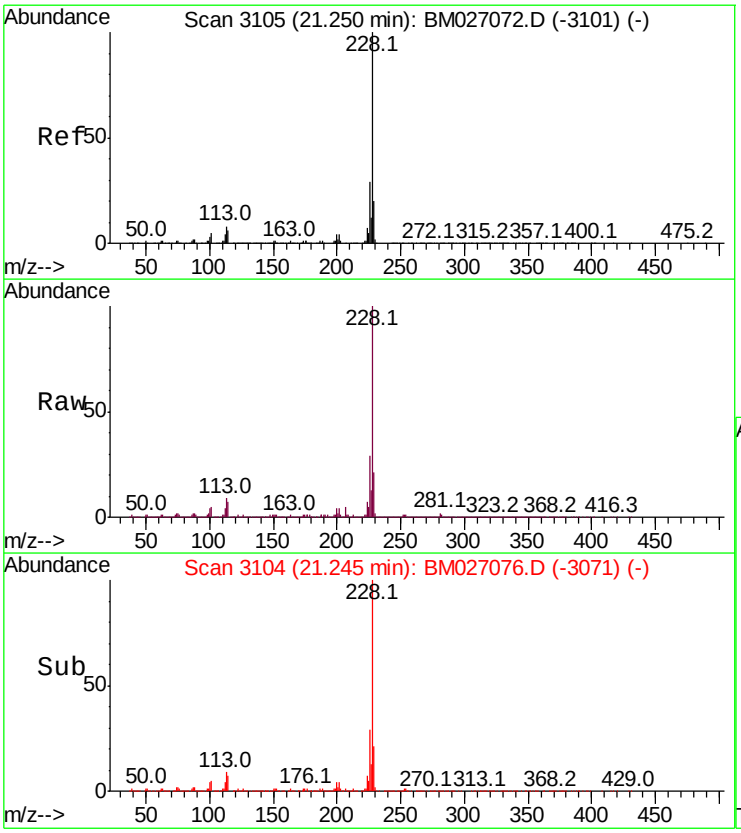
#83
Benzo(a)anthracene
Concen: 23.127 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. 0.05 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1088970

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	29.5	21.2	31.8

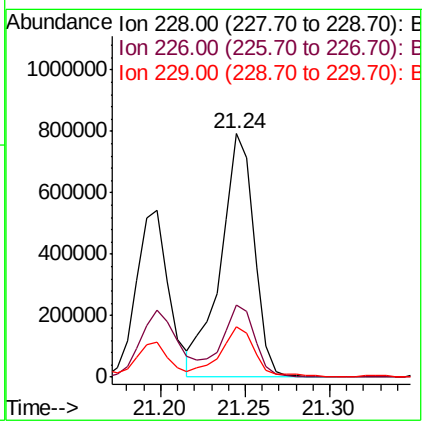


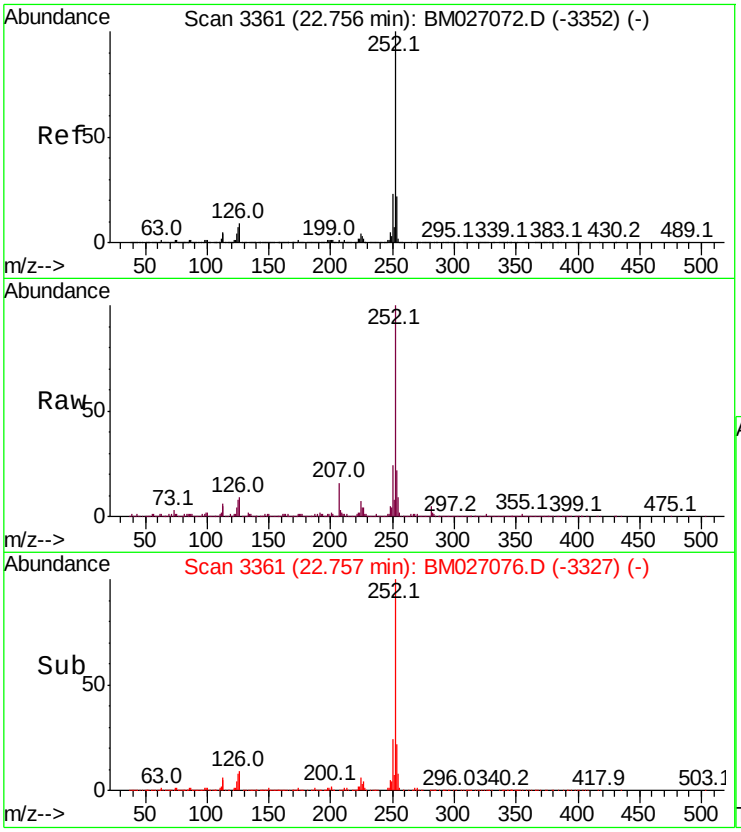


#85
Chrysene
Concen: 23.561 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:228 Resp: 1088970

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	20.8	15.8	23.8



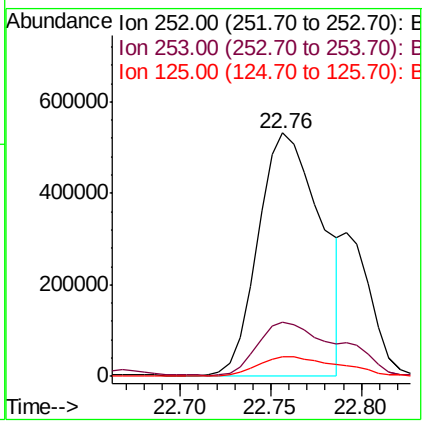


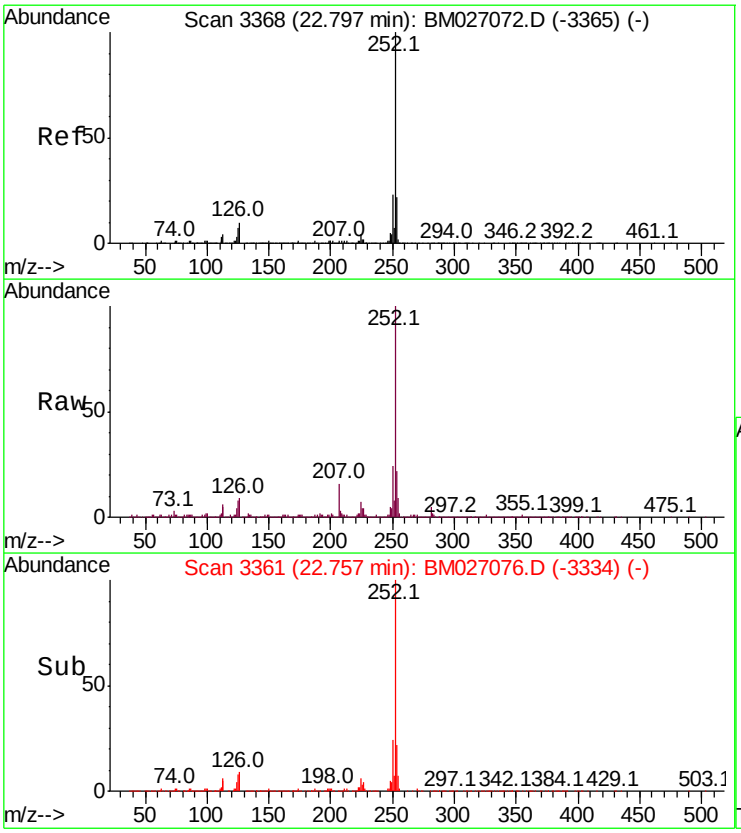
#88
Benzo(b)fluoranthene
Concen: 26.137 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1279994

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	8.1	6.0	9.0

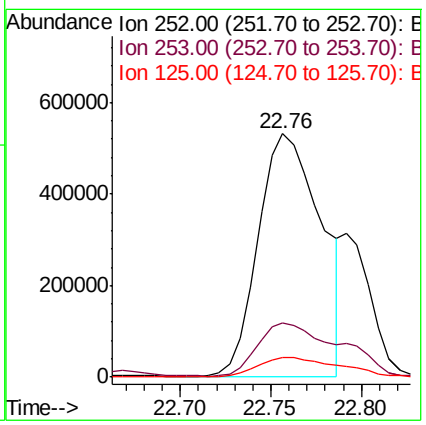


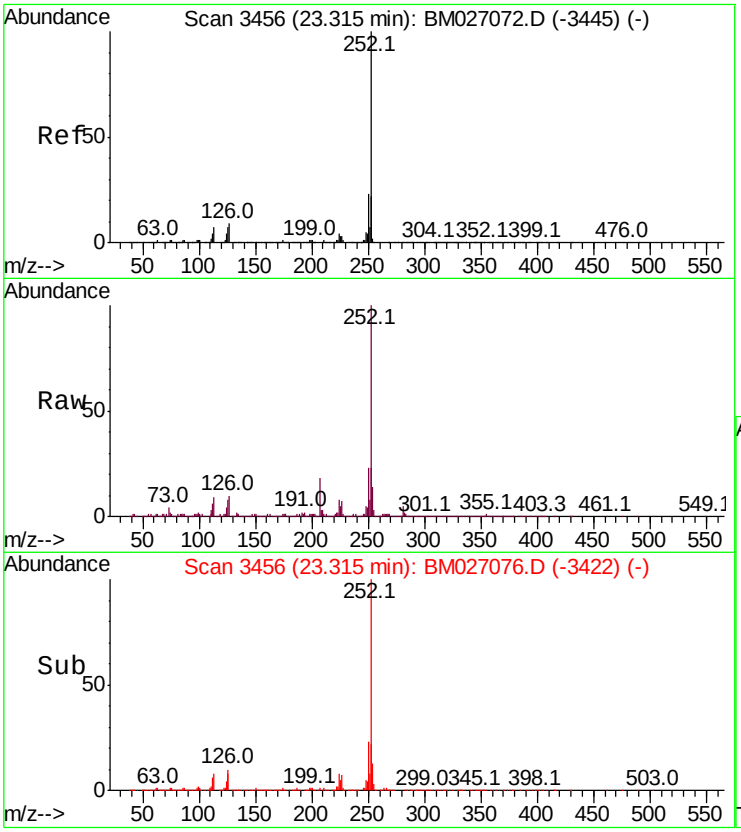


#89
Benzo(k)fluoranthene
Concen: 26.372 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:252 Resp: 1279994

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	8.1	5.5	8.3



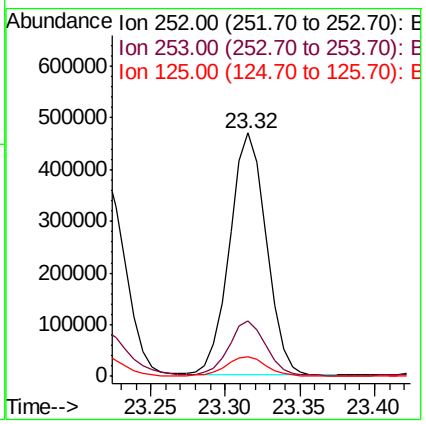


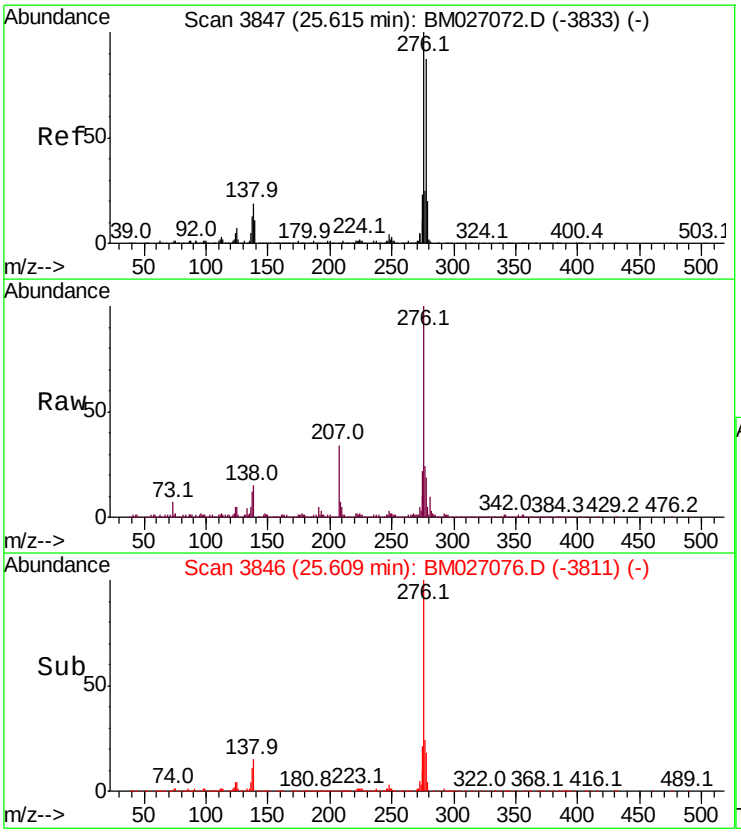
#91
Benzo(a)pyrene
Concen: 18.101 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 806743

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	8.0	5.8	8.8

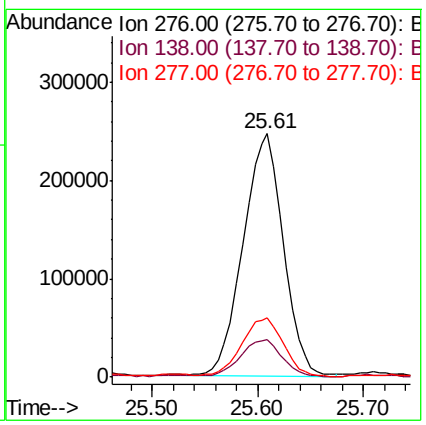


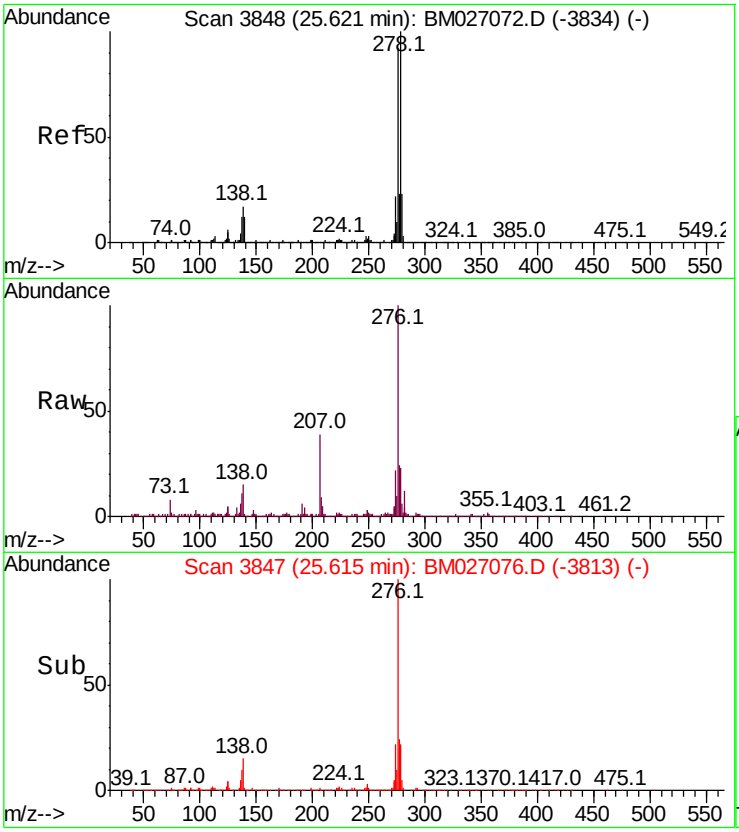


#92
Indeno(1,2,3-cd)pyrene
Concen: 11.342 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:276 Resp: 651339

Ion	Ratio	Lower	Upper
276	100		
138	15.3	13.9	20.9
277	24.2	19.8	29.8



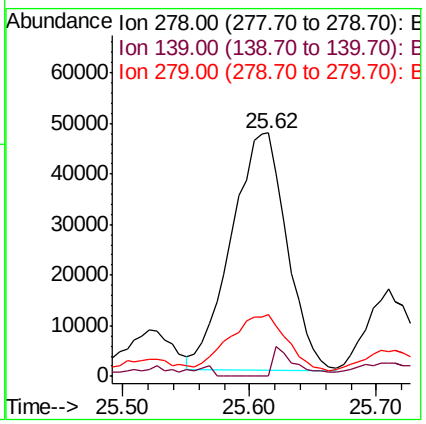


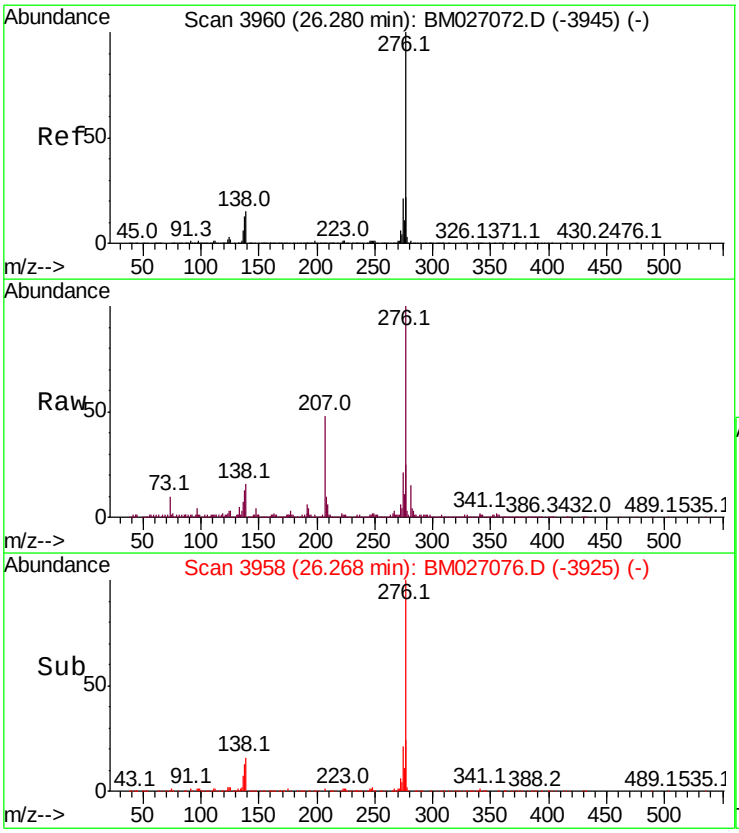
#93
Dibenzo(a,h)anthracene
Concen: 2.923 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. 0.00 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 142196

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	25.6	18.7	28.1





#94
Benzo(g,h,i)perylene
Concen: 11.385 ng/ul
RT: 26.27 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BM027076.D
Acq: 14 Aug 2020 01:31

Tgt Ion:276 Resp: 540051

Ion	Ratio	Lower	Upper
276	100		
138	16.2	12.3	18.5
277	24.5	19.0	28.6