Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 00:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	107726	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	426388	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	266628	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	545634	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	535694	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	538902	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	1153	0.49	ng/uL	0.00
5) Phenol-d5	6.84	99	35491	3.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	25331	3.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	26281	3.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	30077	4.14	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	12962	3.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	14093	4.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	29432	4.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	22031	2.55	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	87833	4.20	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	113260	4.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.48	143	10509	2.97	ng/ul	0.00
58) Fluorene-d10	15.29	176	78339	4.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.40	200	7228	2.97	ng/ul	0.00
71) Anthracene-d10	17.13	188	119420	4.38	ng/ul	0.00
79) Pyrene-d10	19.43	212	124133	4.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	127689	4.20	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.48	128	152231	6.390	ng/ul	99
30) 4-Chloroaniline	10.48	127	20201	2.314	ng/ul#	14
34) 2-Methylnaphthalene	12.10	142	28577	1.697	ng/ul	93
48) Acenaphthylene	14.01	152	319154	11.807	ng/ul	98
50) Acenaphthene	14.35	153	19848	1.066	ng/ul	95
54) Dibenzofuran	14.69	168	51498	1.995	ng/ul	97
59) Fluorene	15.34	166	32848	1.511	ng/ul	97
70) Phenanthrene	17.08	178	264858	7.997	ng/ul	100
72) Anthracene	17.17	178	1169837	34.364	ng/ul	99
75) Carbazole	17.43	167	111809	3.715	ng/ul	98
77) Fluoranthene	19.09	202	1577951	40.350	ng/ul	100
80) Pyrene	19.46	202	1814037	46.544	ng/ul	97
83) Benzo(a)anthracene	21.27	228	2566804	69.517	ng/ul	95
85) Chrysene	21.27	228	2566646	71.282	ng/ul	99
88) Benzo(b)fluoranthene	22.79	252	4827584	125.226	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	4827584	130.501	ng/ul	99
91) Benzo(a)pyrene	23.35	252	1399858	40.241	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	2011980	46.622	ng/ul#	95
93) Dibenzo(a,h)anthracene	25.76	278	116418	3.190	ng/ul	96
94) Benzo(g,h,i)perylene	26.33	276	927961	26.005	ng/ul	98

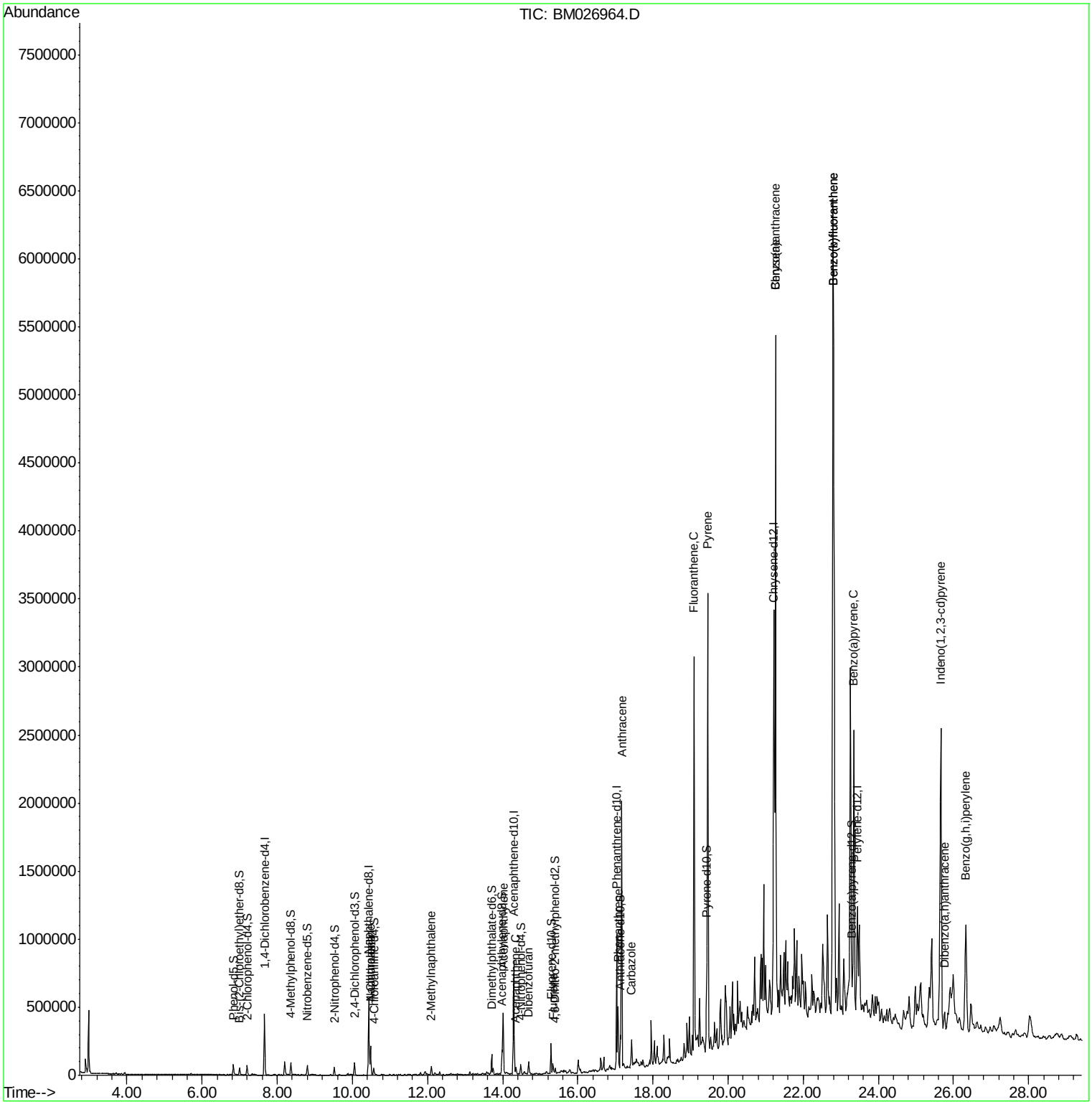
(#) = qualifier out of range (m) = manual integration (+) = signals summed

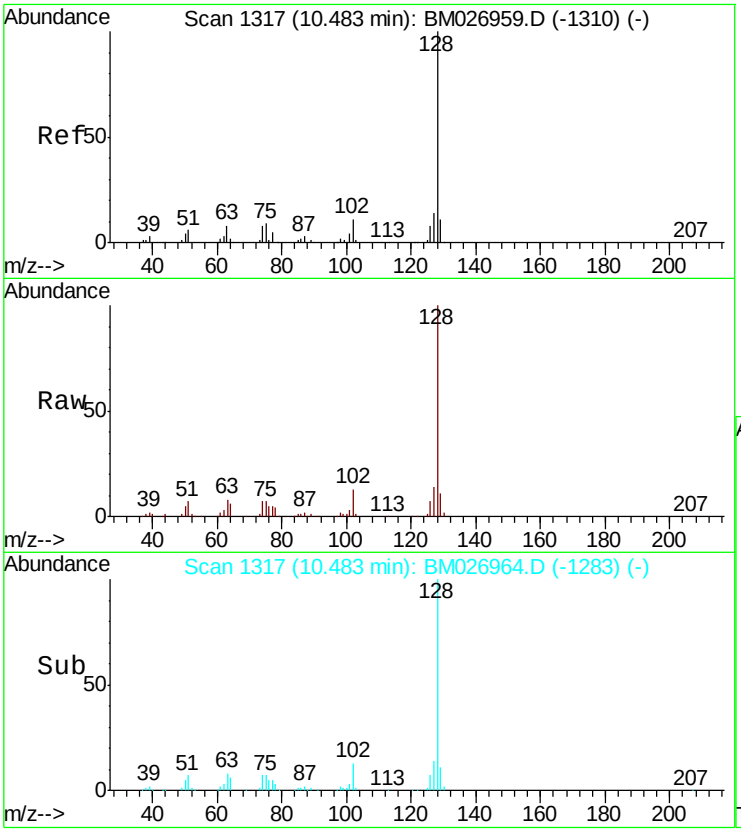
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026964.D
Acq On : 31 Jul 2020 18:41
Operator : JU/CG
Sample : L3424-04 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 00:47:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration



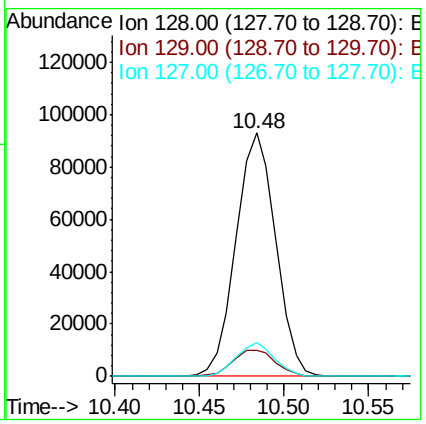


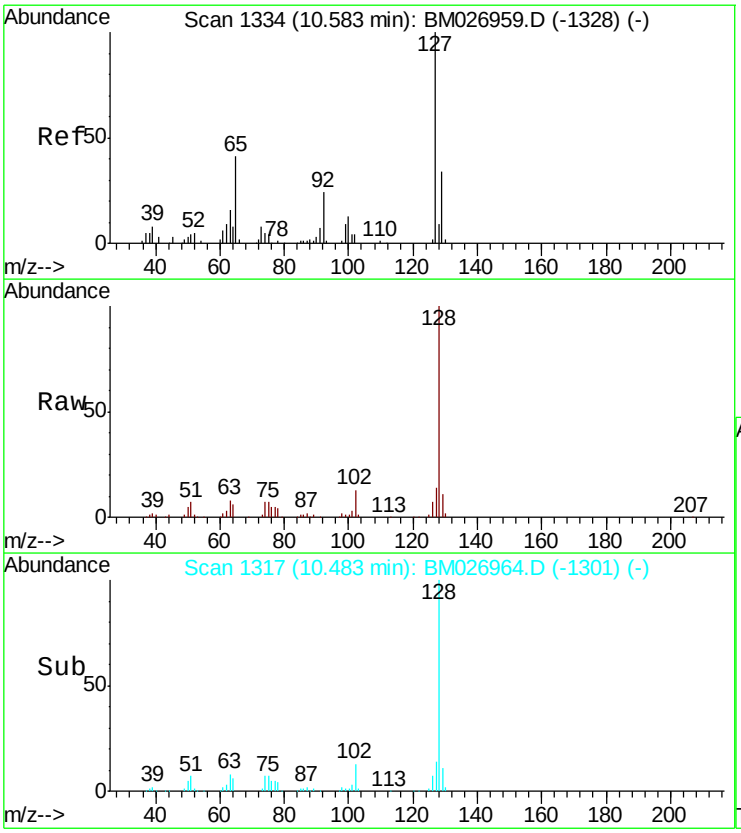
#28
Naphthalene
Concen: 6.390 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 152231

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.3	12.5
127	13.9	11.0	16.6

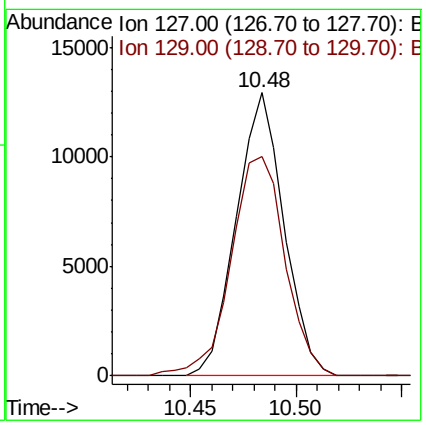


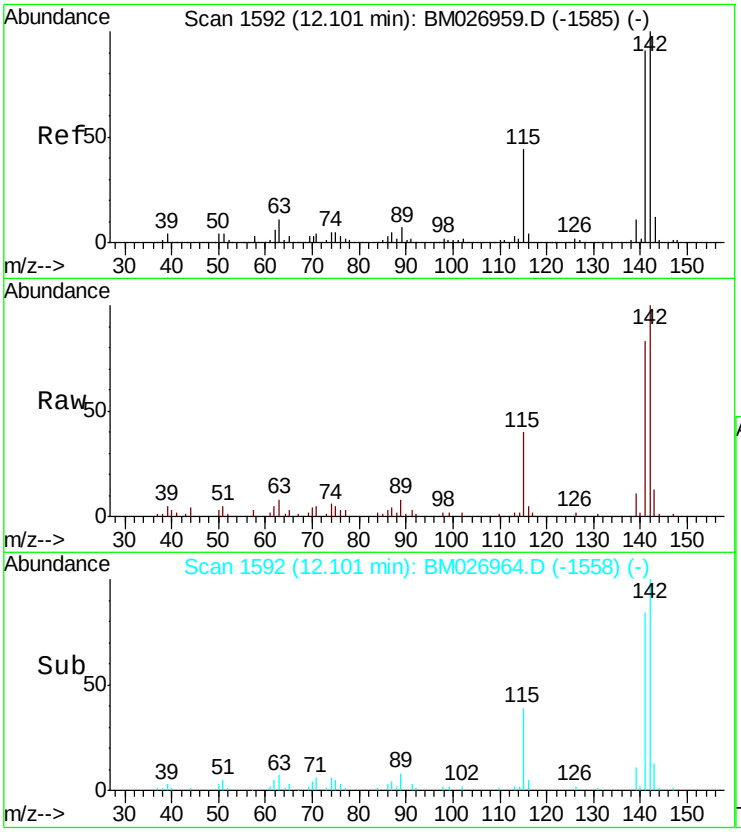


#30
4-Chloroaniline
Concen: 2.314 ng/ul
RT: 10.48 min Scan# 1317
Delta R.T. -0.11 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:127 Resp: 20201

Ion	Ratio	Lower	Upper
127	100		
129	77.5	24.3	36.5#



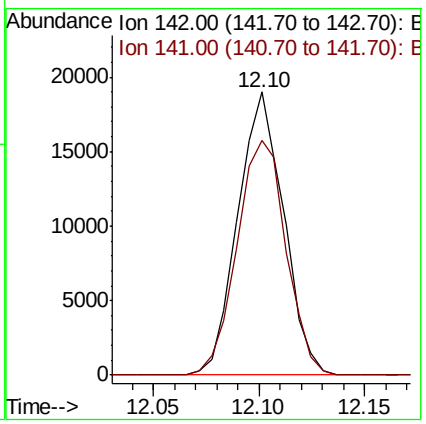


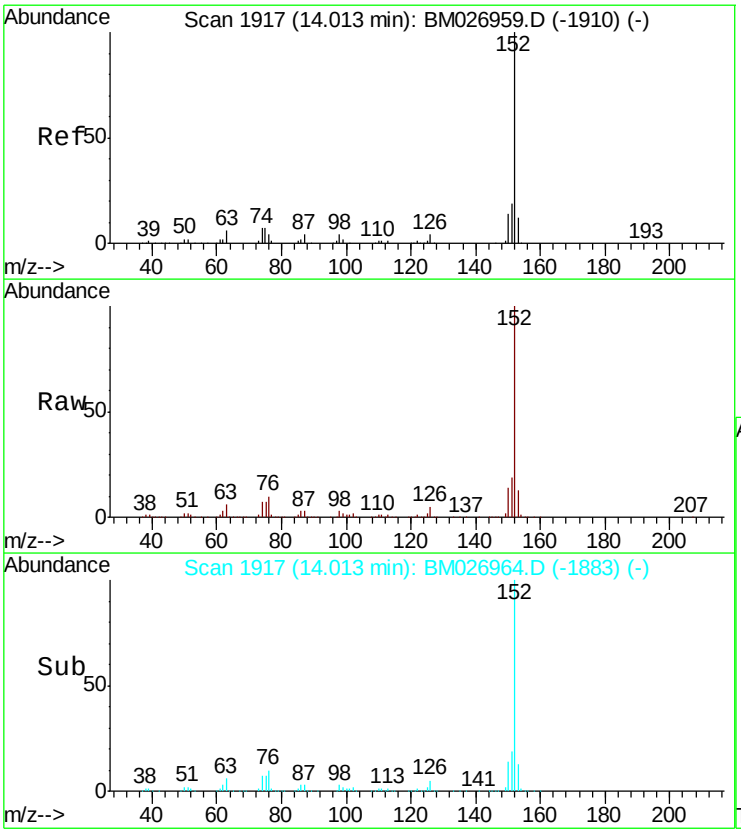
#34
2-Methylnaphthalene
Concen: 1.697 ng/ul
RT: 12.10 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 28577

Ion	Ratio	Lower	Upper
142	100		
141	82.8	71.1	106.7

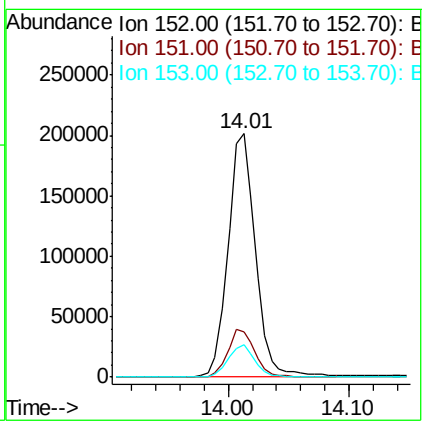


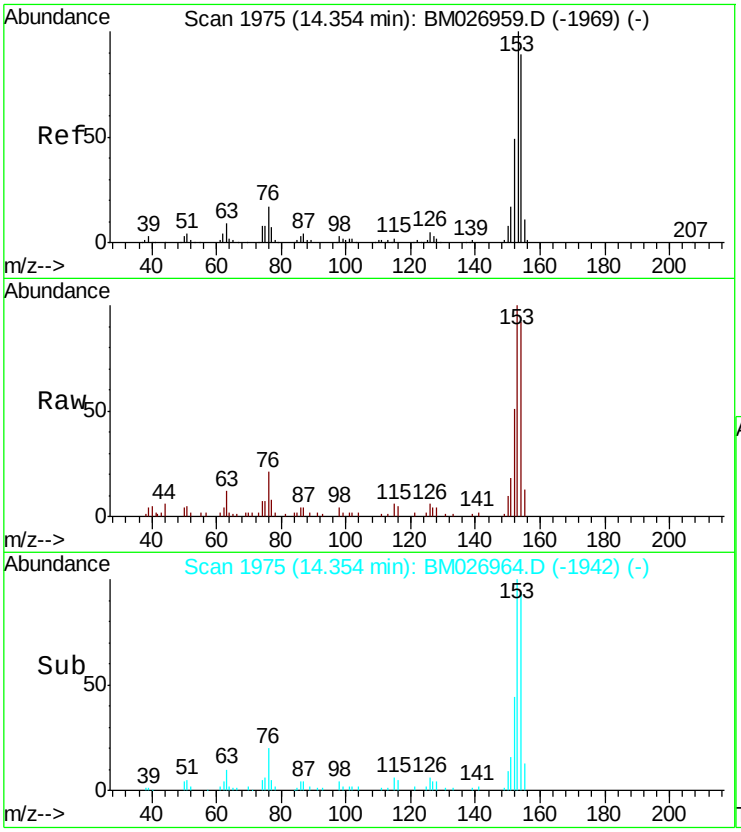


#48
Acenaphthylene
Concen: 11.807 ng/ul
RT: 14.01 min Scan# 1917
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:152 Resp: 319154

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.8	23.6
153	13.2	10.7	16.1



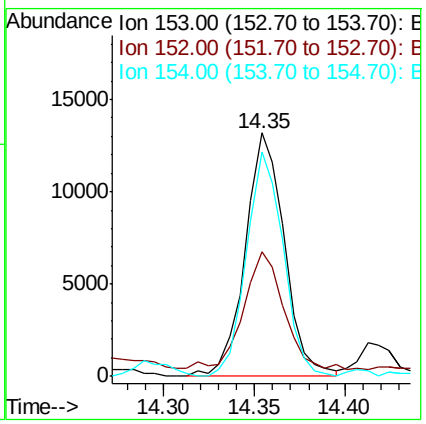


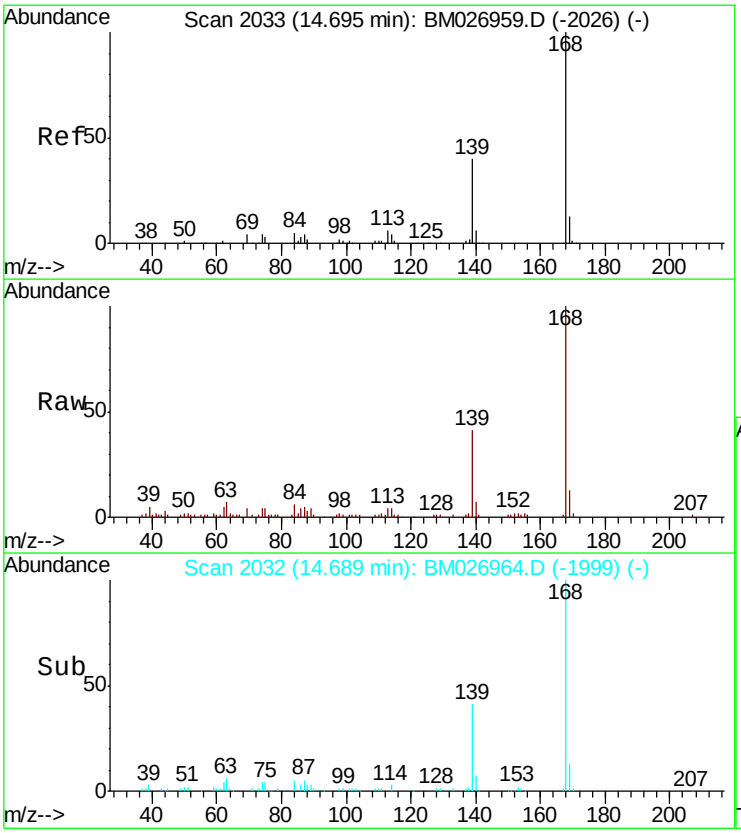
#50
Acenaphthene
Concen: 1.066 ng/ul
RT: 14.35 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 19848

Ion	Ratio	Lower	Upper
153	100		
152	51.0	37.8	56.6
154	92.3	70.5	105.7

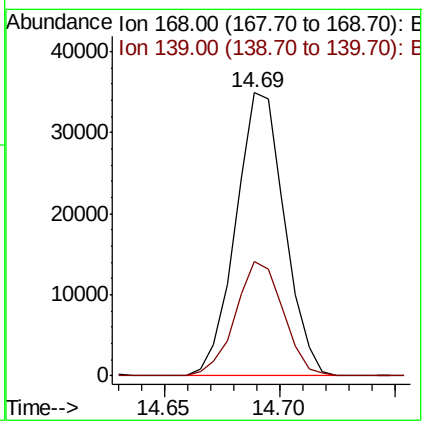


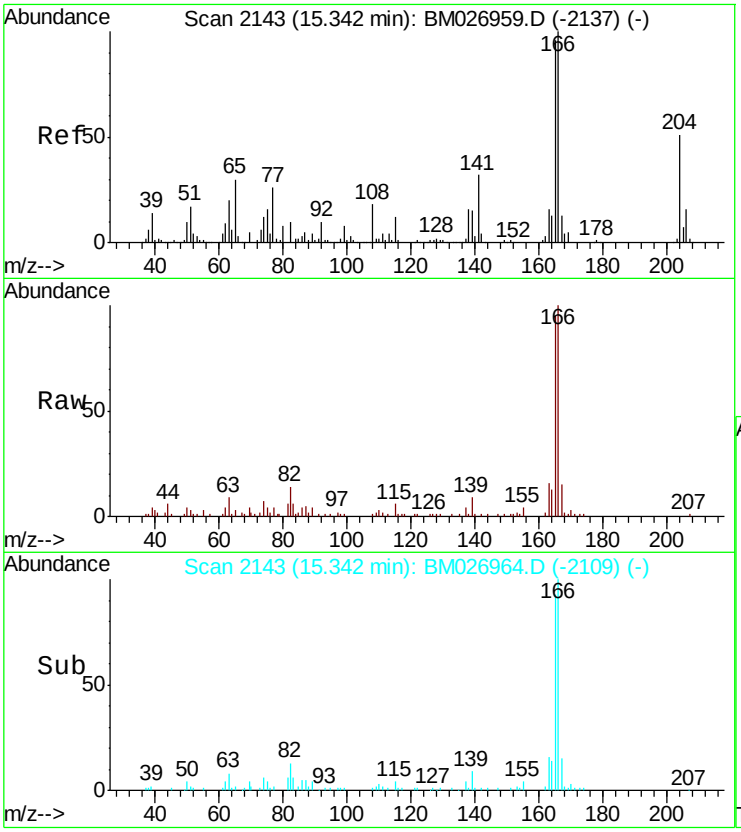


#54
Dibenzofuran
Concen: 1.995 ng/ul
RT: 14.69 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:168 Resp: 51498

Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.8	46.2



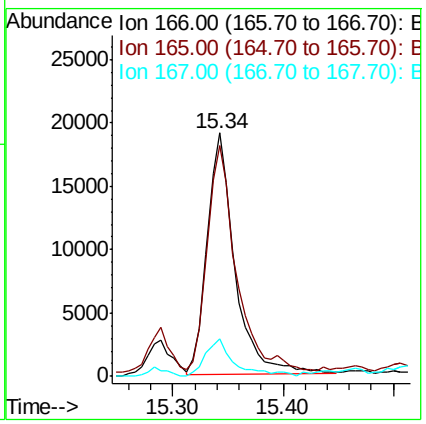


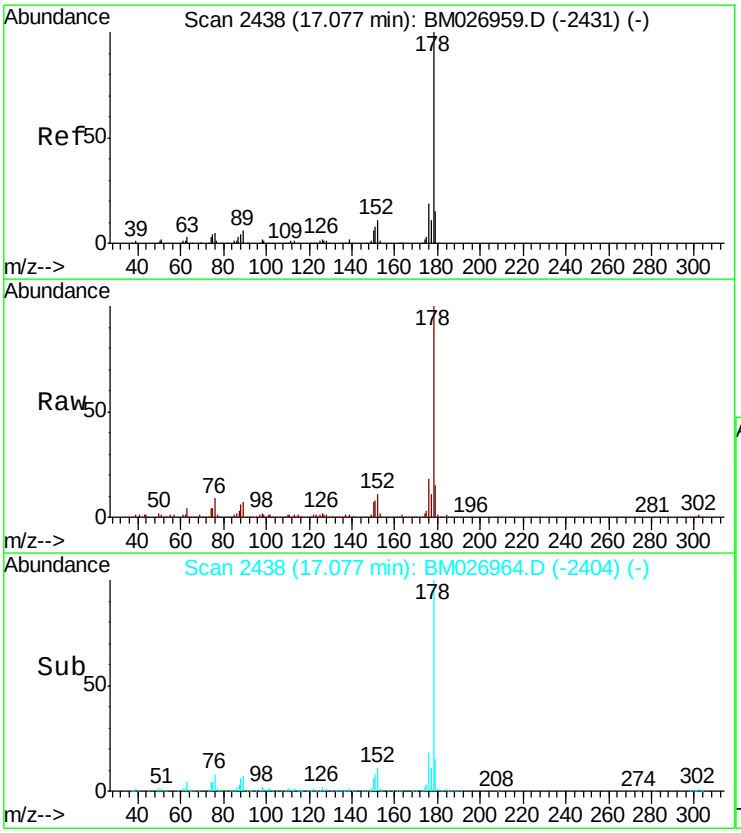
#59
Fluorene
Concen: 1.511 ng/ul
RT: 15.34 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 32848

Ion	Ratio	Lower	Upper
166	100		
165	95.0	78.2	117.2
167	15.3	10.3	15.5

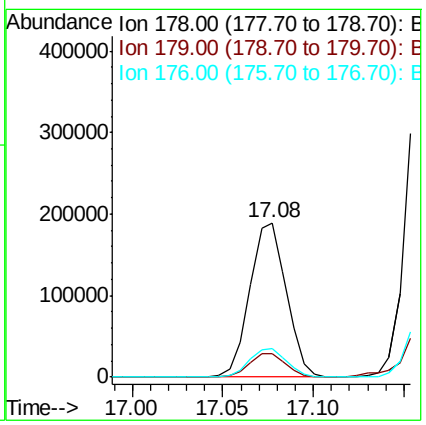


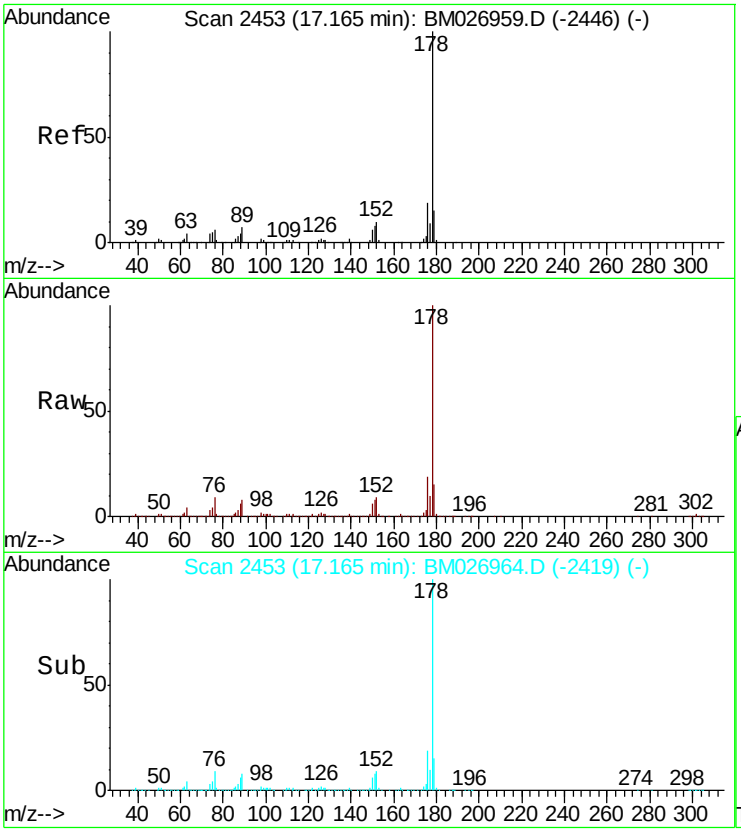


#70
Phenanthrene
Concen: 7.997 ng/ul
RT: 17.08 min Scan# 2438
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:178 Resp: 264858

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	18.3	14.7	22.1



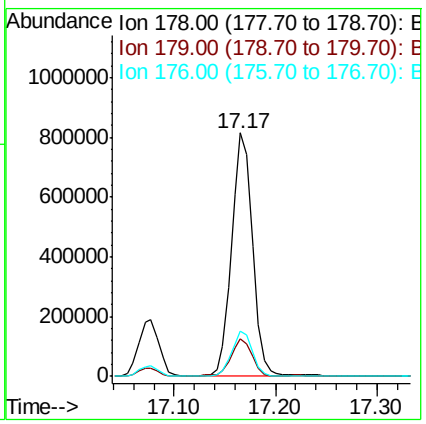


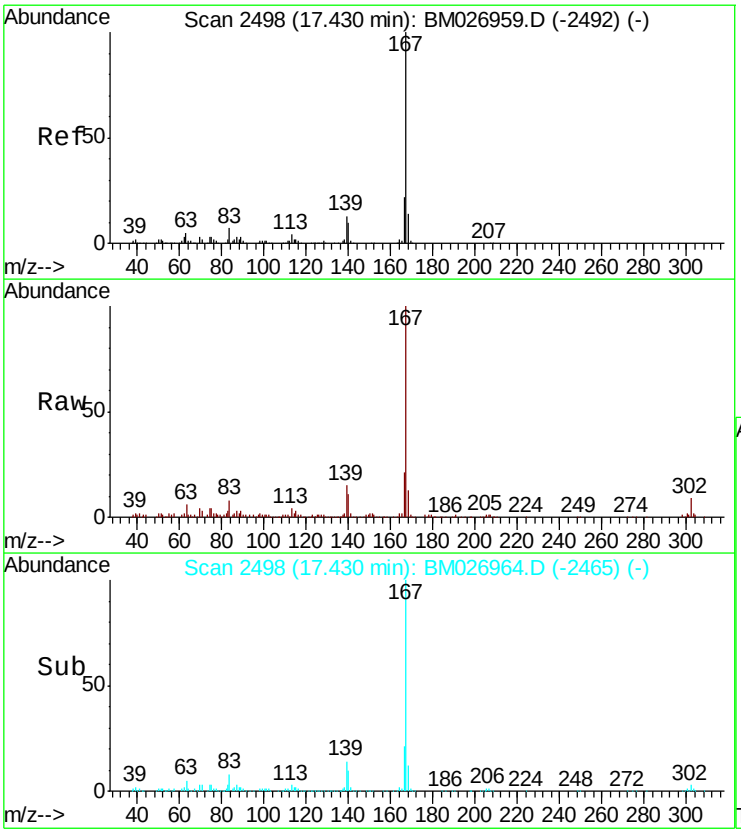
#72
Anthracene
Concen: 34.364 ng/ul
RT: 17.17 min Scan# 2453
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1169837

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.6
176	18.6	15.0	22.6

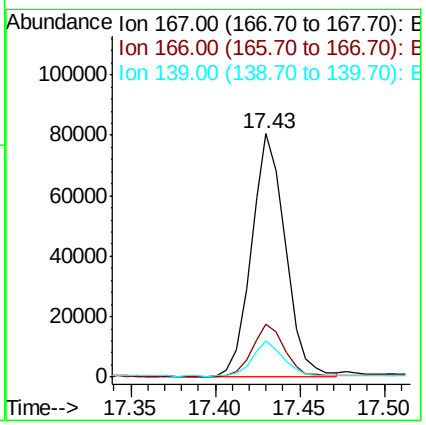


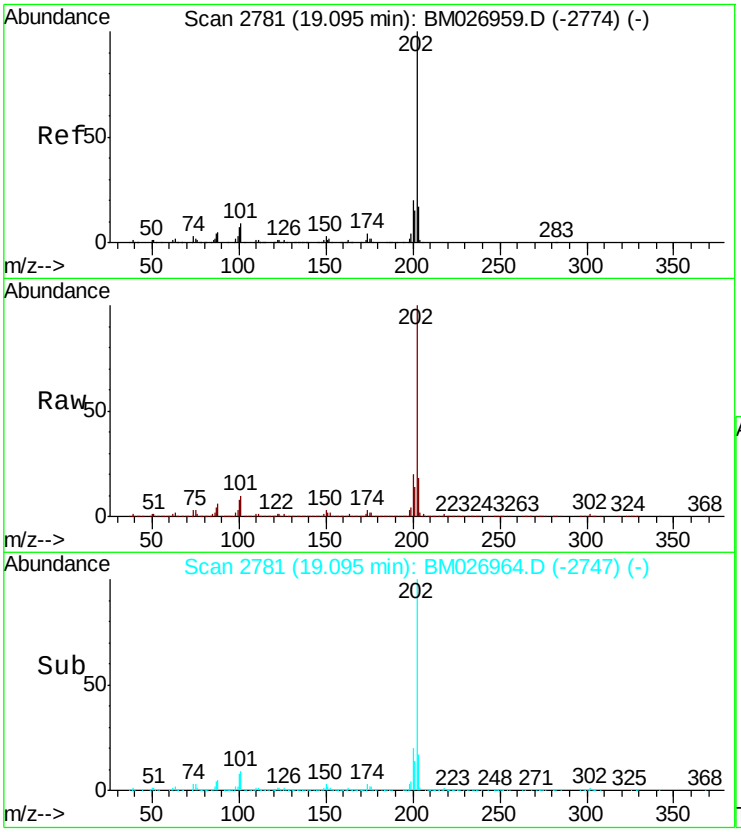


#75
Carbazole
Concen: 3.715 ng/ul
RT: 17.43 min Scan# 2498
Delta R.T. -0.01 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:167 Resp: 111809

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	14.9	10.1	15.1



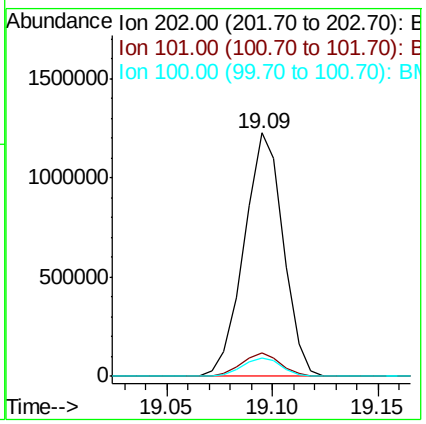


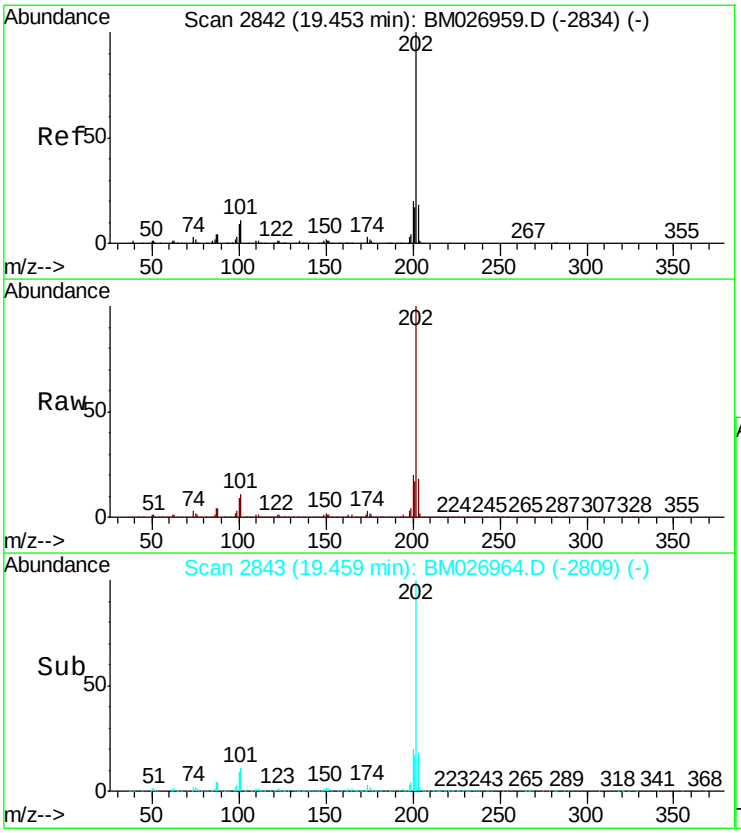
#77
Fluoranthene
Concen: 40.350 ng/ul
RT: 19.09 min Scan# 2781
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1577951

Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.7	11.5
100	7.6	6.2	9.4

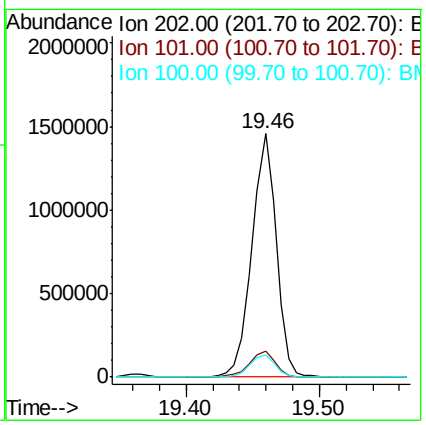


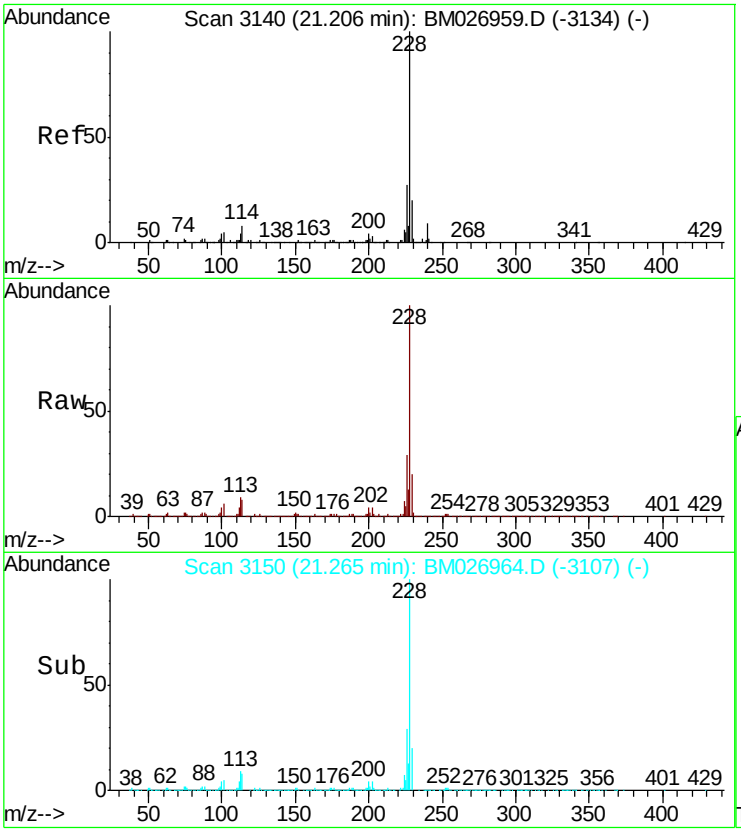


#80
Pyrene
Concen: 46.544 ng/ul
RT: 19.46 min Scan# 2843
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:202 Resp: 1814037

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.4	14.2
100	8.9	8.2	12.4



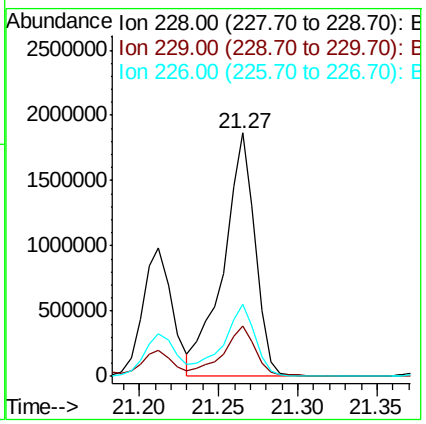


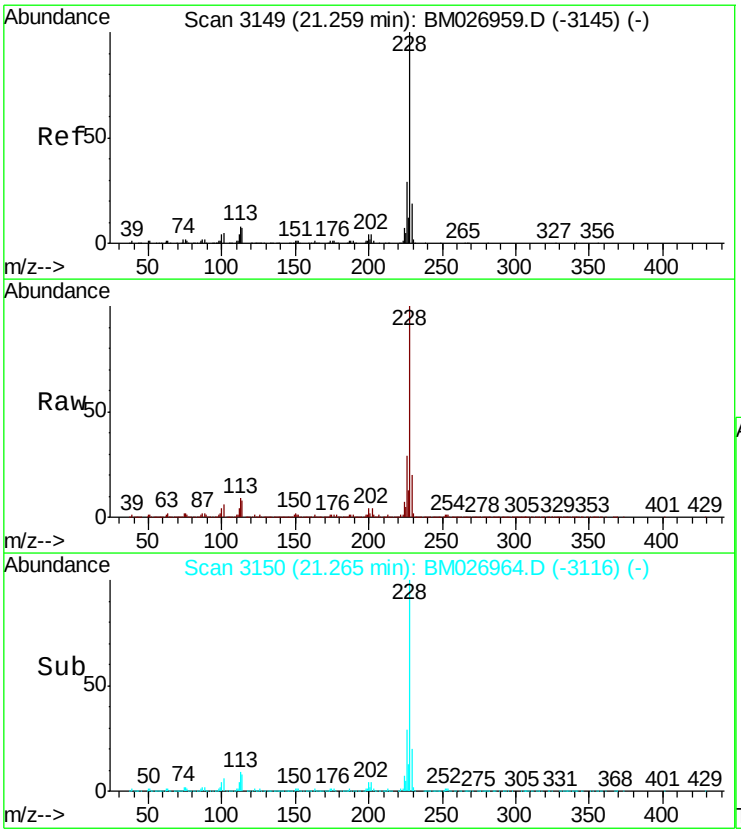
#83
Benzo(a)anthracene
Concen: 69.517 ng/ul
RT: 21.27 min Scan# 3150
Delta R.T. 0.05 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2566804

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.4	23.2
226	29.4	20.9	31.3

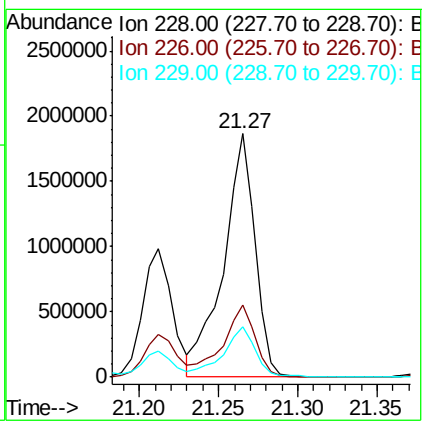


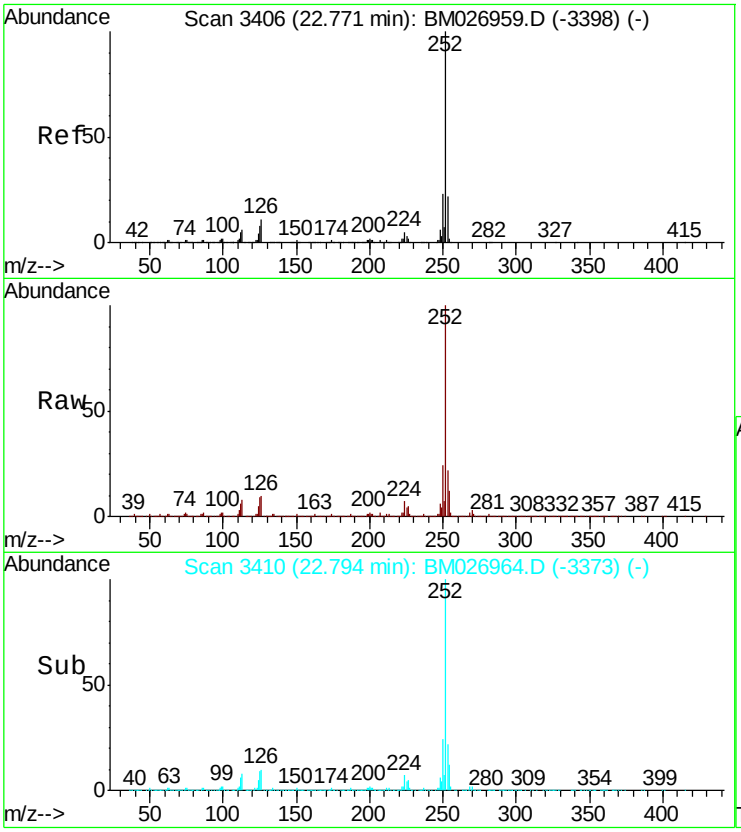


#85
Chrysene
Concen: 71.282 ng/ul
RT: 21.27 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:228 Resp: 2566646

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	20.5	15.5	23.3



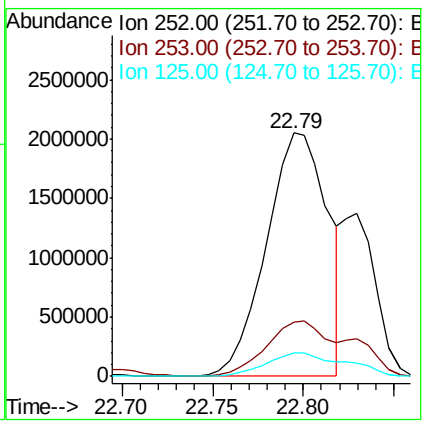


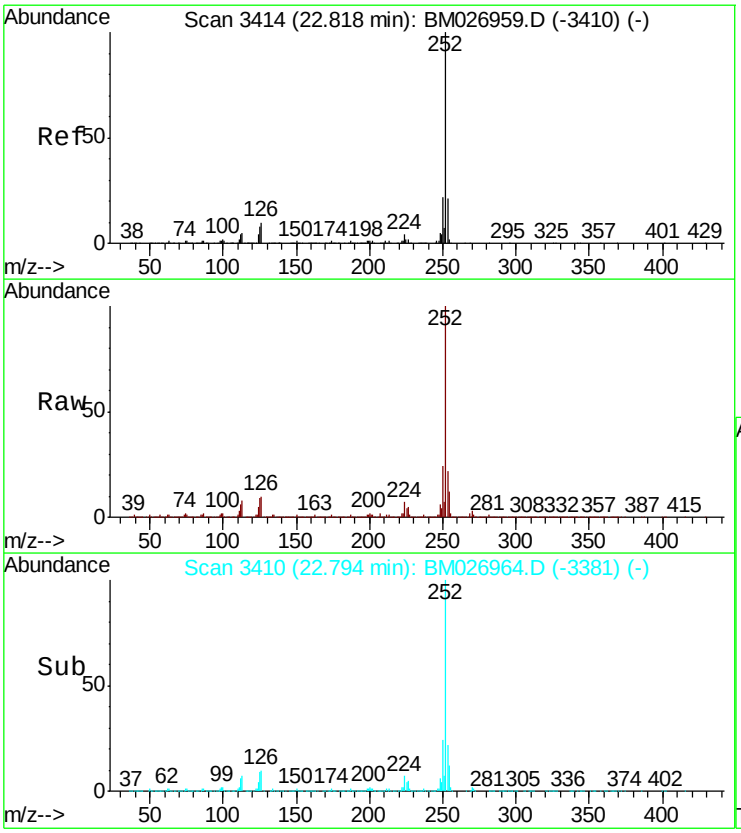
#88
Benzo(b)fluoranthene
Concen: 125.226 ng/ul
RT: 22.79 min Scan# 3410
Delta R.T. 0.02 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4827584

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.4	6.6	10.0

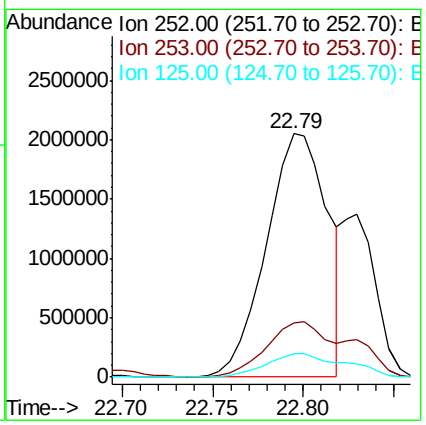


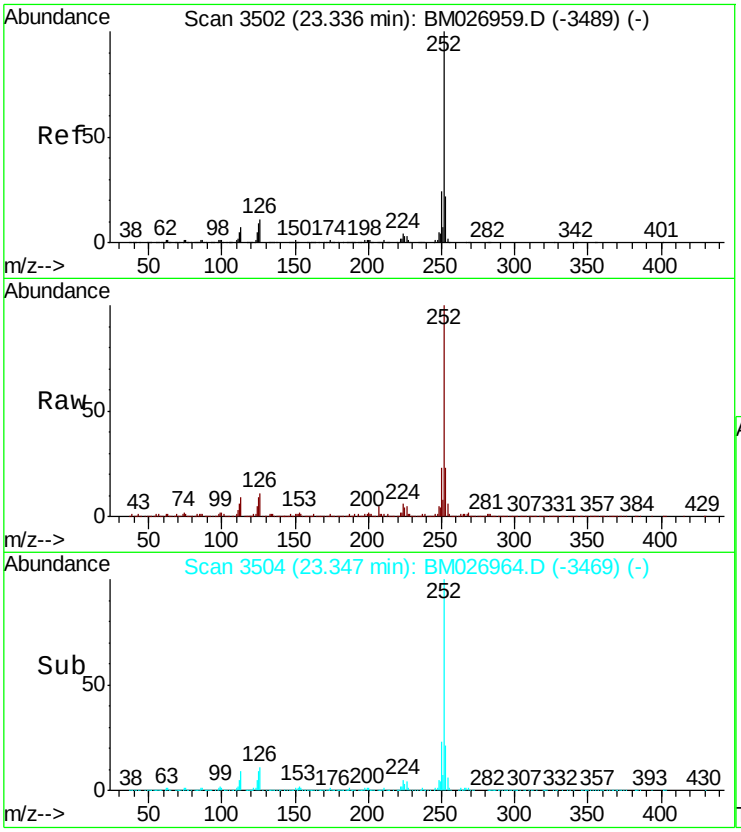


#89
Benzo(k)fluoranthene
Concen: 130.501 ng/ul
RT: 22.79 min Scan# 3410
Delta R.T. -0.03 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:252 Resp: 4827584

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	9.4	7.3	10.9



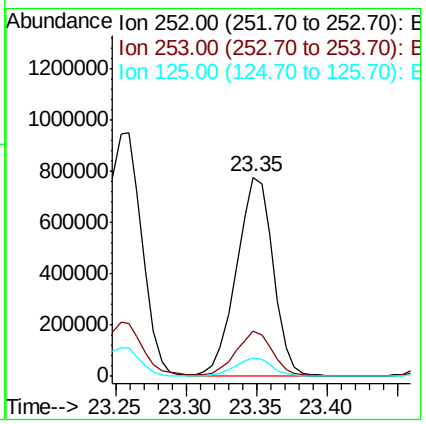


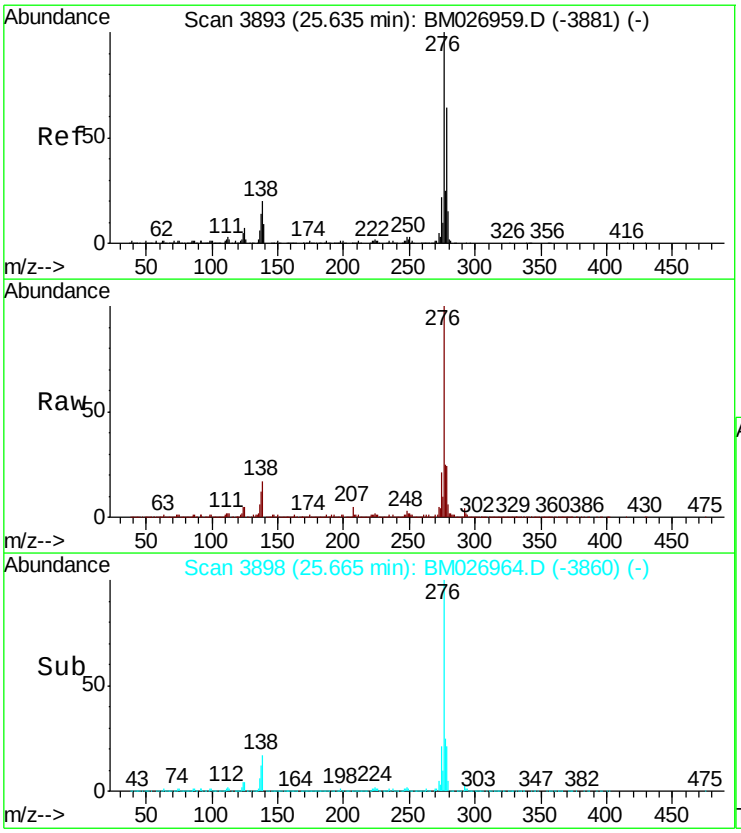
#91
Benzo(a)pyrene
Concen: 40.241 ng/ul
RT: 23.35 min Scan# 3504
Delta R.T. 0.01 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1399858

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	9.2	8.2	12.2

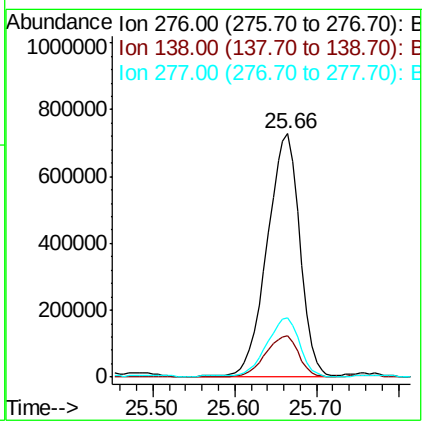


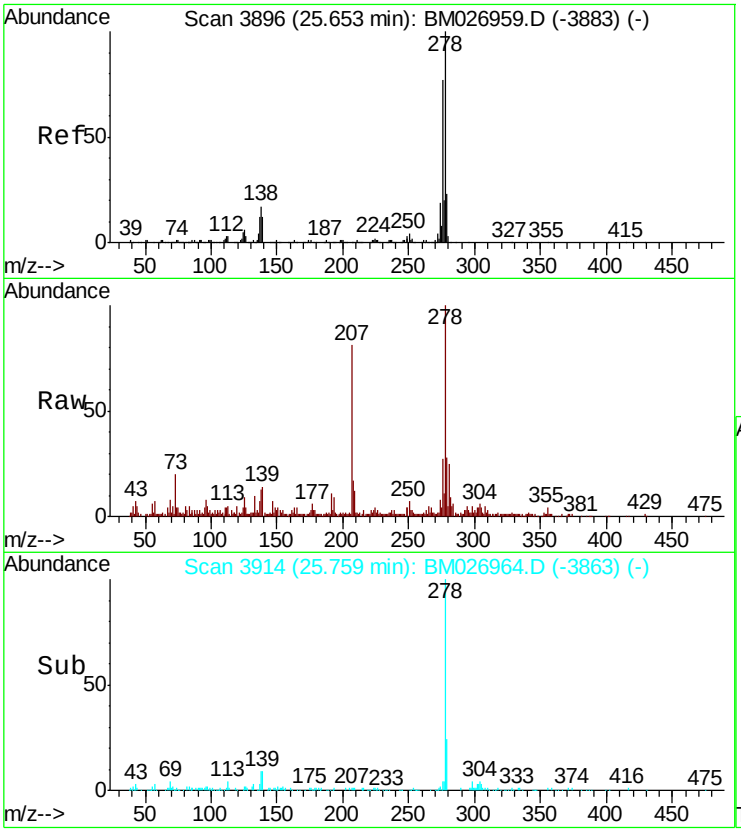


#92
Indeno(1,2,3-cd)pyrene
Concen: 46.622 ng/ul
RT: 25.66 min Scan# 3898
Delta R.T. 0.02 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:276 Resp: 2011980

Ion	Ratio	Lower	Upper
276	100		
138	16.9	17.0	25.4#
277	24.6	20.6	30.8



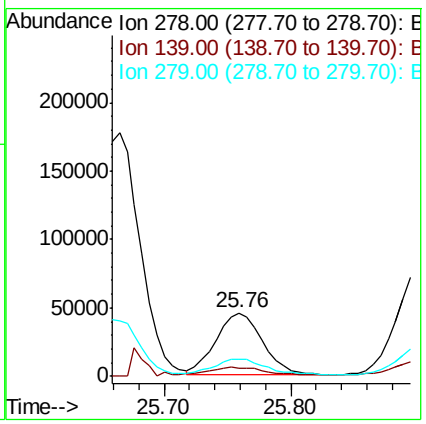


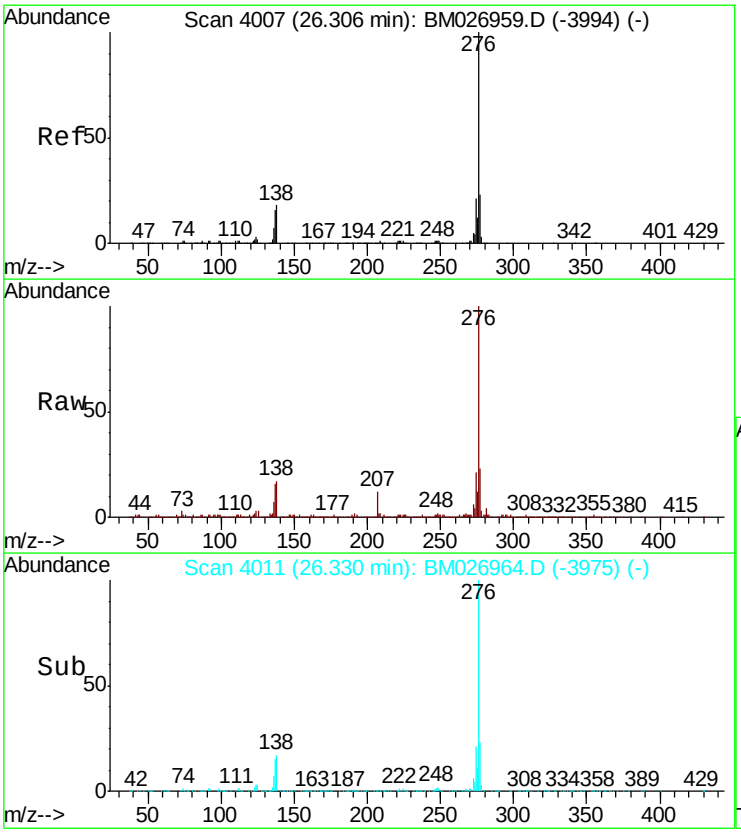
#93
Dibenzo(a,h)anthracene
Concen: 3.190 ng/ul
RT: 25.76 min Scan# 3914
Delta R.T. 0.10 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 116418

Ion	Ratio	Lower	Upper
278	100		
139	13.5	10.9	16.3
279	27.6	19.4	29.2





#94
Benzo(g,h,i)perylene
Concen: 26.005 ng/ul
RT: 26.33 min Scan# 4011
Delta R.T. 0.01 min
Lab File: BM026964.D
Acq: 31 Jul 2020 18:41

Tgt Ion:276 Resp: 927961

Ion	Ratio	Lower	Upper
276	100		
138	17.2	14.9	22.3
277	23.4	19.1	28.7