Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\

Quantitation Report (Not Reviewed)

Data File : BM024873.D
Acq On : 14 Feb 2020 02:45
Operator : CG/JU
Sample : L1404-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6N9

Quant Time: Feb 14 07:47:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 07:45:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	501315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	1812074	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.04	164	1086495	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	2240196	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	2237947	20.00	ng/ul	0.00
86) Perylene-d12	23.11	264	2384271	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	48525	4.66	ng/uL	0.00
5) Phenol-d5	6.60	99	756558	22.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	486192	25.85	ng/ul	0.00
9) 2-Chlorophenol-d4	6.94	132	650835	21.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.11	113	482166	17.16	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	319815	24.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	374482	24.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	629601	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	649427	22.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	1937538	23.62	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	2208672	23.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	282327	21.19	ng/ul	0.00
58) Fluorene-d10	15.05	176	1628935	22.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	306249	20.97	ng/ul	0.00
71) Anthracene-d10	16.90	188	2231808	21.82	ng/ul	0.00
79) Pyrene-d10	19.21	212	2560407	22.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	2673340	22.32	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthene	14.11	153	143154	2.137	ng/ul	99
54) Dibenzofuran	14.45	168	124872	1.250	ng/ul	97
59) Fluorene	15.10	166	145438	1.767	ng/ul	99
70) Phenanthrene	16.84	178	2526582	20.685	ng/ul	99
72) Anthracene	16.93	178	515852	4.164	ng/ul	99
75) Carbazole	17.21	167	166526	1.614	ng/ul	97
77) Fluoranthene	18.87	202	3404866	22.707	ng/ul	96
80) Pyrene	19.24	202	2910227	19.646	ng/ul	96
83) Benzo(a)anthracene	21.00	228	1629112	10.807	ng/ul	99
85) Chrysene	21.05	228	1520268	10.244	ng/ul	100
88) Benzo(b)fluoranthene	22.50	252	1985439	13.096	ng/ul#	97
89) Benzo(k)fluoranthene	22.54	252	630895	4.323	ng/ul#	98
91) Benzo(a)pyrene	23.03	252	1228174	9.036	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.16	276	901558	5.328	ng/ul	98
93) Dibenzo(a,h)anthracene	25.16	278	260944	1.810	ng/ul#	89
94) Benzo(g,h,i)perylene	25.78	276	677384	4.813	ng/ul	97

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

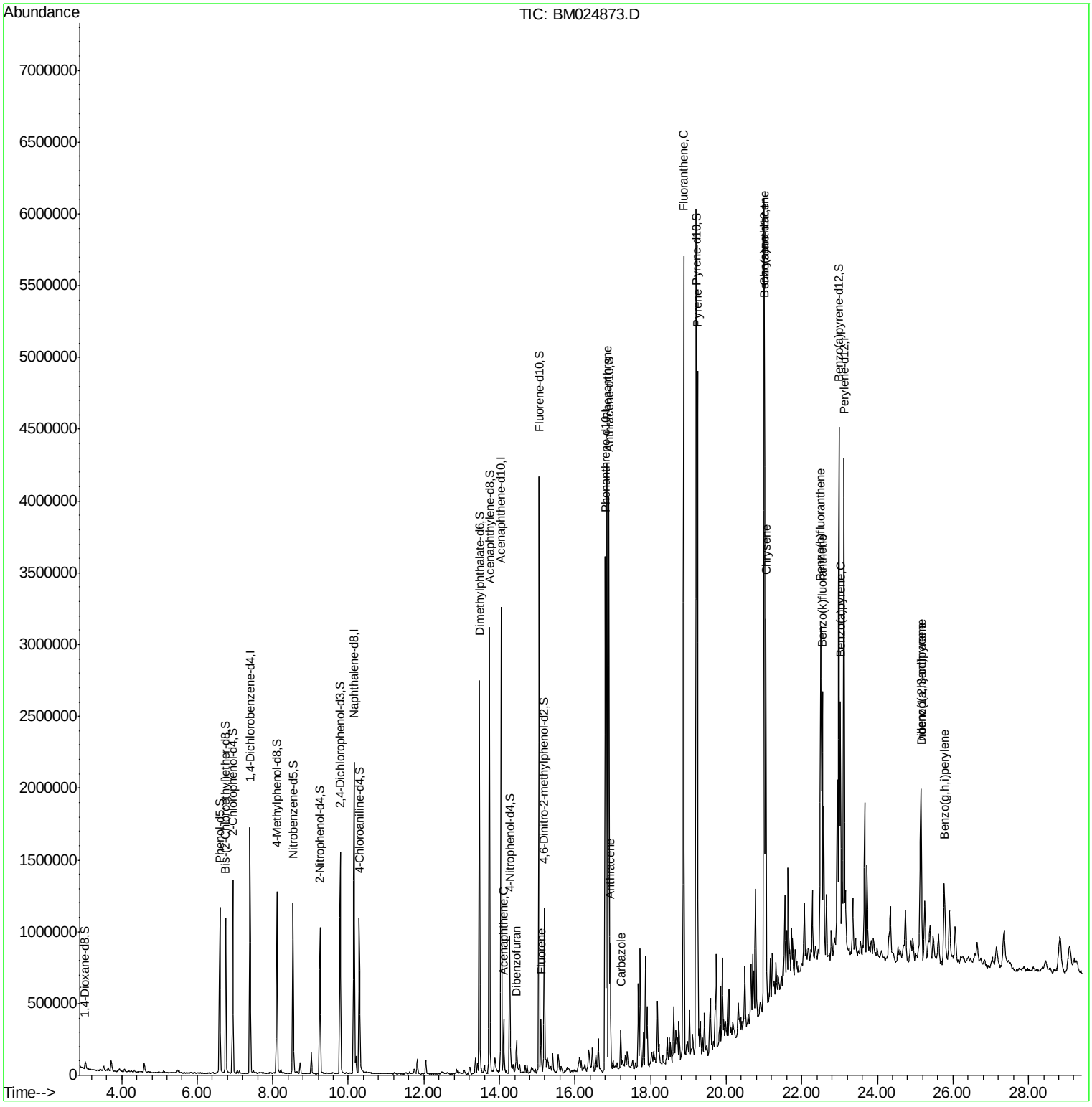
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM021320\

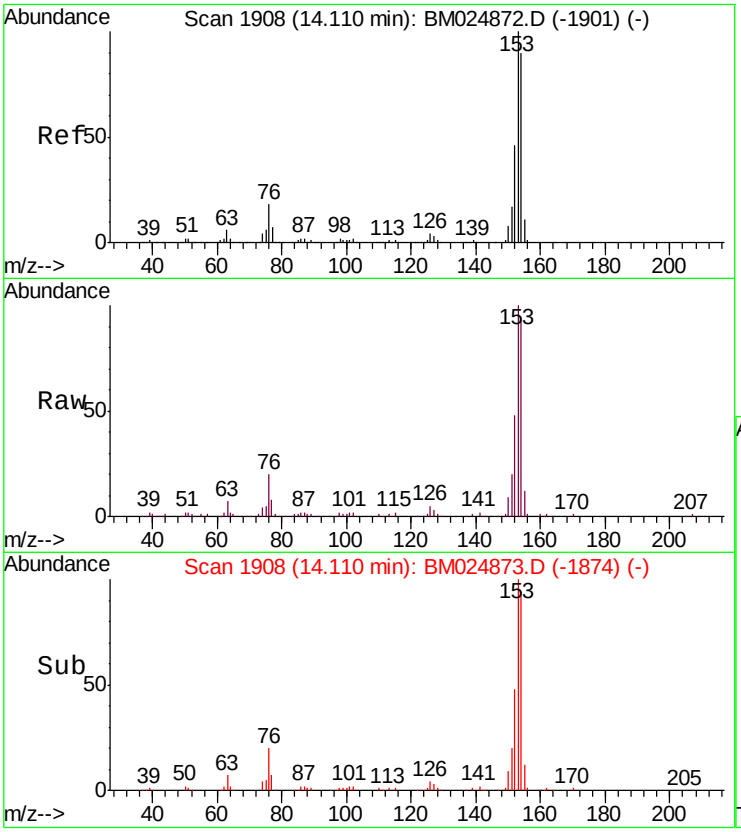
Quantitation Report (Not Reviewed)

Data File : BM024873.D
Acq On : 14 Feb 2020 02:45
Operator : CG/JU
Sample : L1404-15
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB6N9

Quant Time: Feb 14 07:47:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 07:45:43 2020
Response via : Initial Calibration



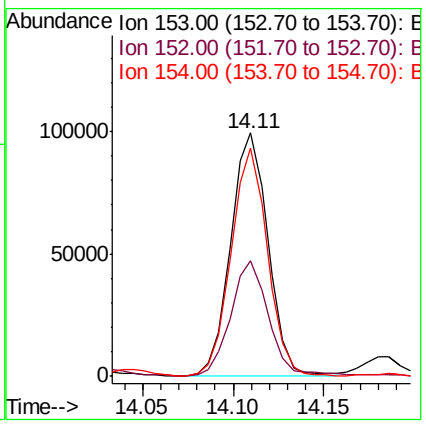


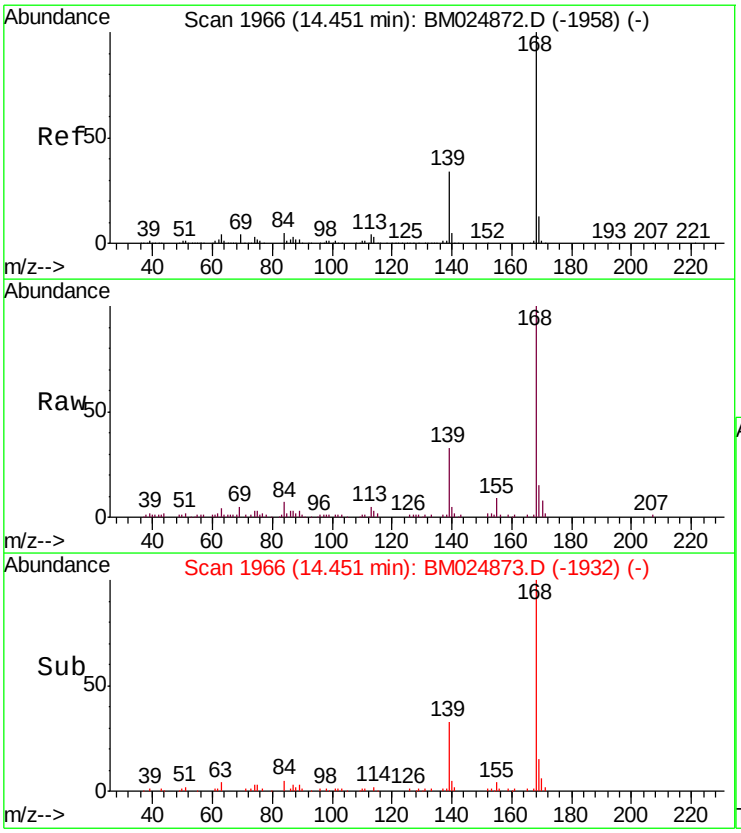
#50
Acenaphthene
Concen: 2.137 ng/ul
RT: 14.11 min Scan# 1908
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:153 Resp: 143154

Ion	Ratio	Lower	Upper
153	100		
152	47.6	37.3	55.9
154	94.0	74.1	111.1

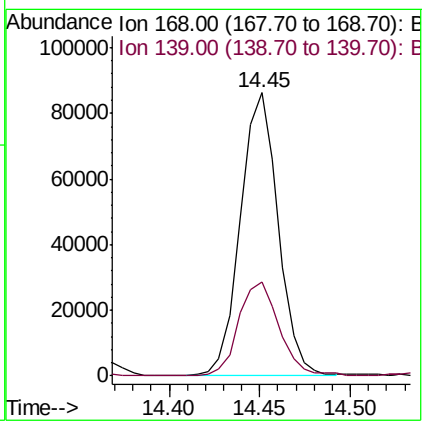


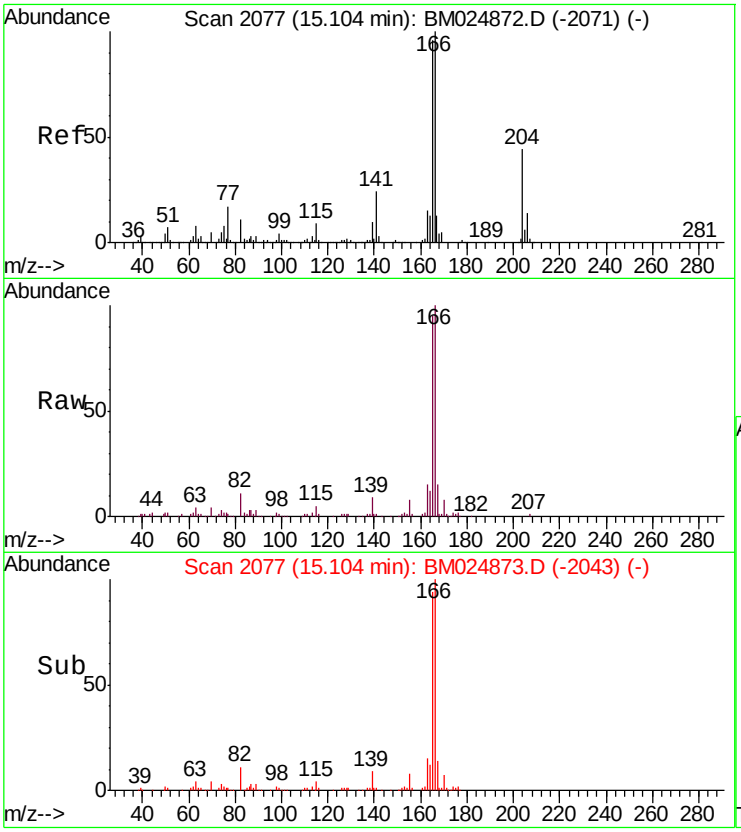


#54
Dibenzofuran
Concen: 1.250 ng/ul
RT: 14.45 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:168 Resp: 124872

Ion	Ratio	Lower	Upper
168	100		
139	33.1	27.8	41.8



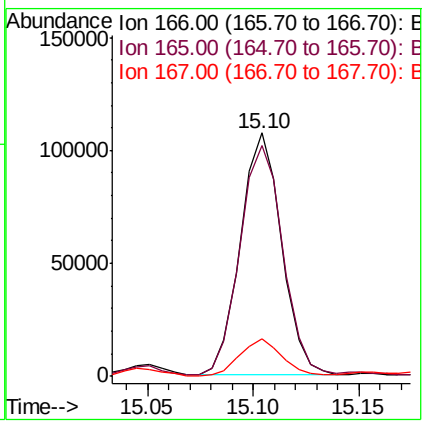


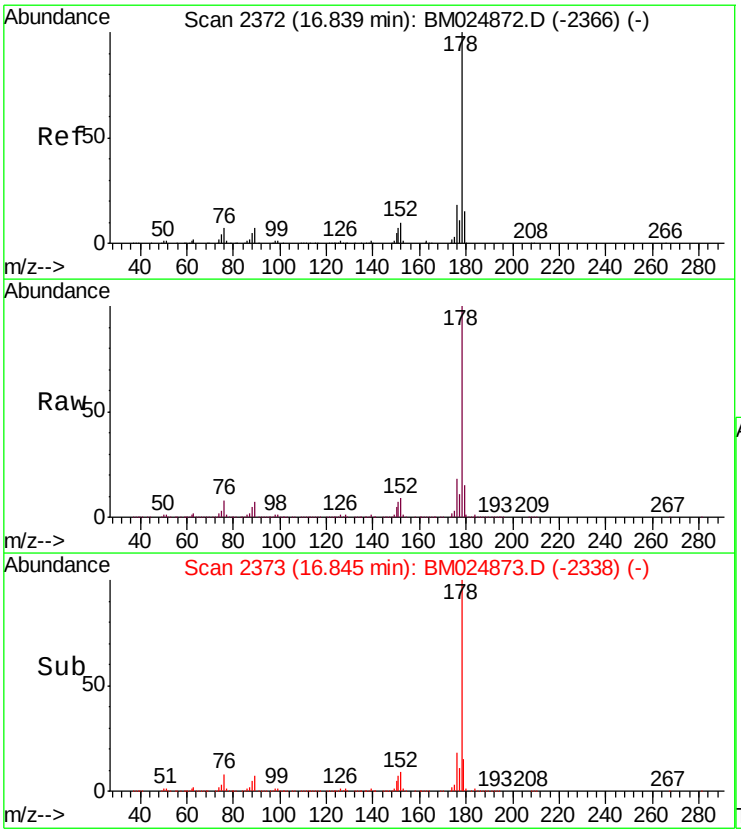
#59
Fluorene
Concen: 1.767 ng/ul
RT: 15.10 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:166 Resp: 145438

Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.8	113.8
167	15.4	10.6	16.0

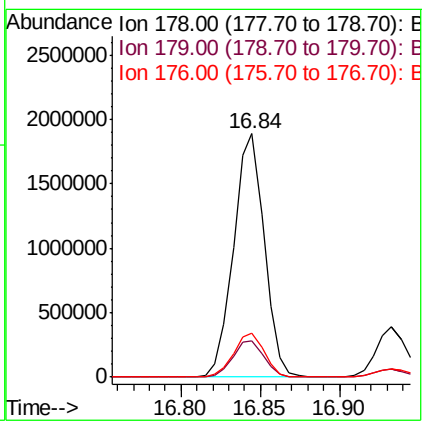


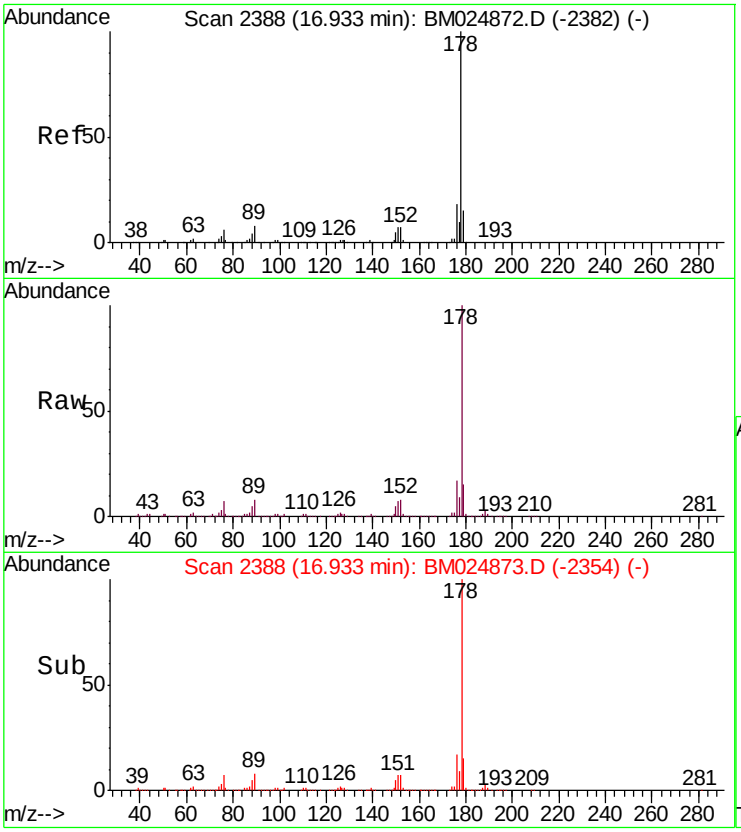


#70
Phenanthrene
Concen: 20.685 ng/ul
RT: 16.84 min Scan# 2373
Delta R.T. 0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:178 Resp: 2526582

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	18.3	14.5	21.7



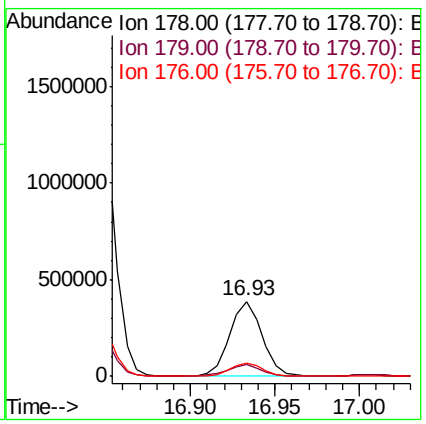


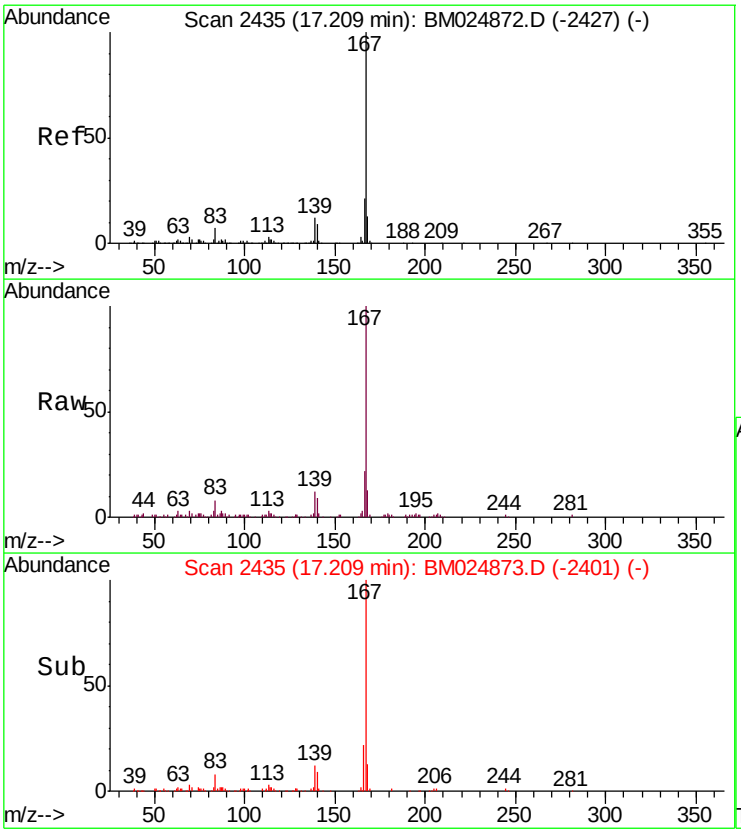
#72
Anthracene
Concen: 4.164 ng/ul
RT: 16.93 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:178 Resp: 515852

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	17.2	14.1	21.1

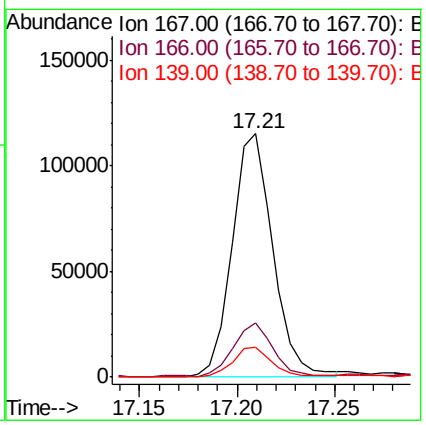


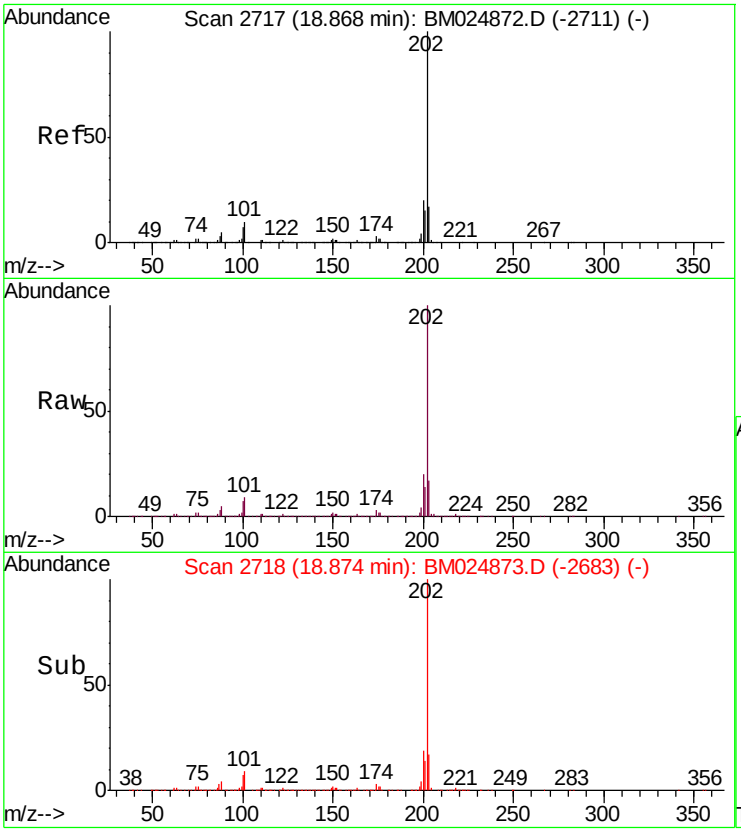


#75
Carbazole
Concen: 1.614 ng/ul
RT: 17.21 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:167 Resp: 166526

Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.6	24.8
139	12.3	9.3	13.9



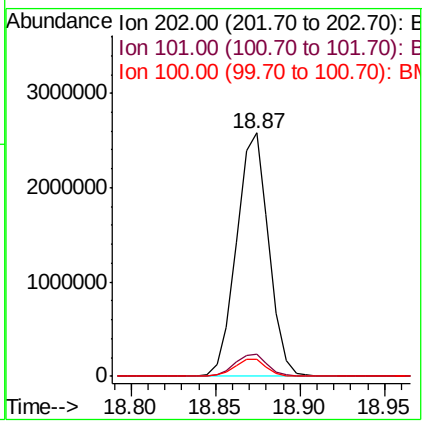


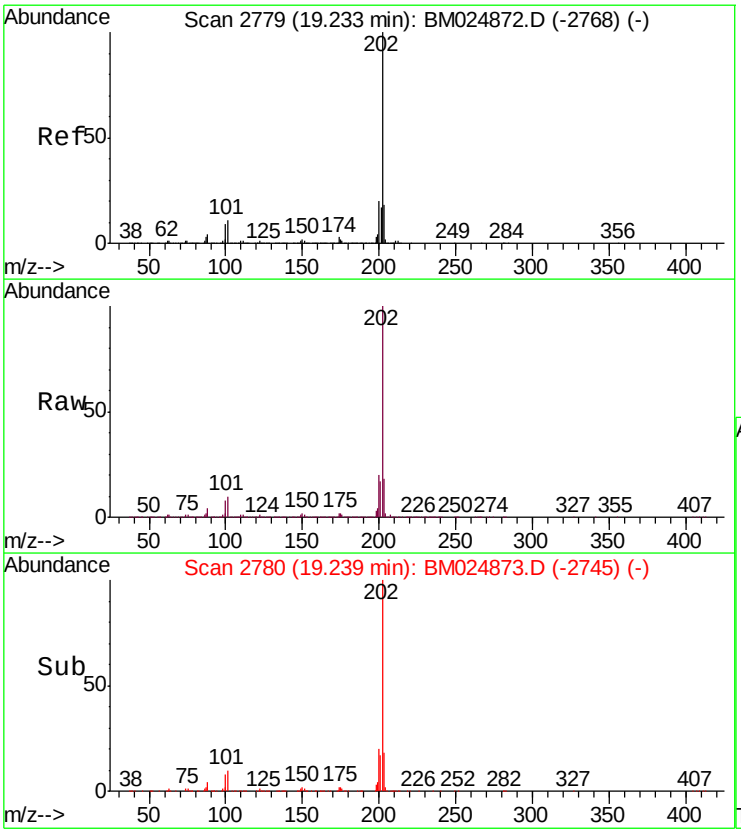
#77
Fluoranthene
Concen: 22.707 ng/ul
RT: 18.87 min Scan# 2718
Delta R.T. 0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:202 Resp: 3404866

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.1	9.1
100	7.0	4.8	7.2

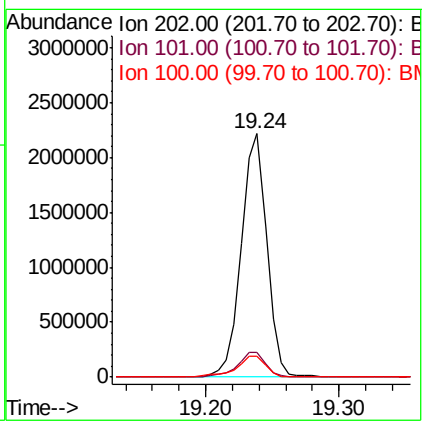


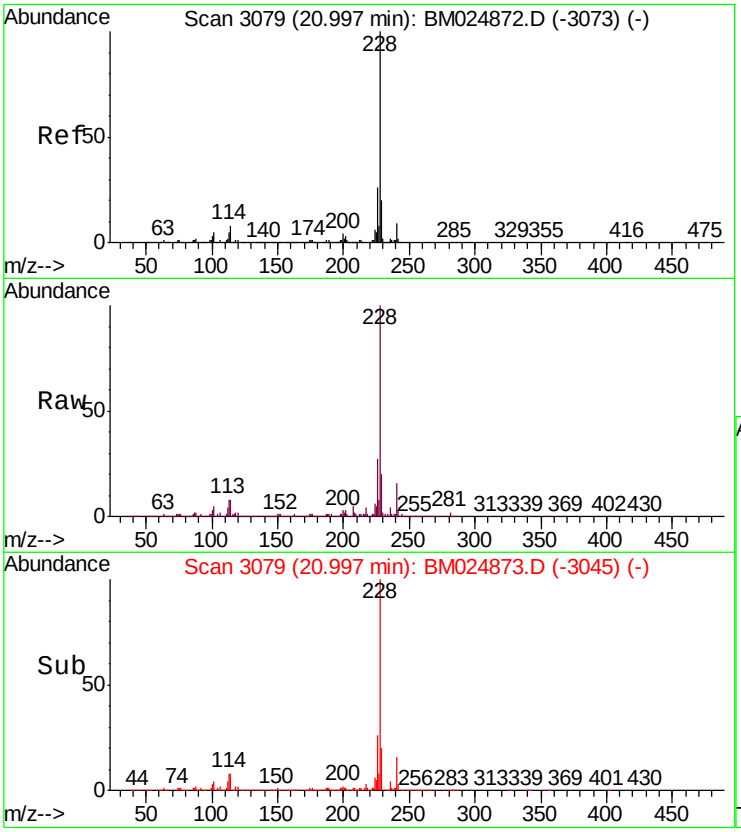


#80
Pyrene
Concen: 19.646 ng/ul
RT: 19.24 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:202 Resp: 2910227

Ion	Ratio	Lower	Upper
202	100		
101	10.3	7.0	10.4
100	8.4	5.8	8.8



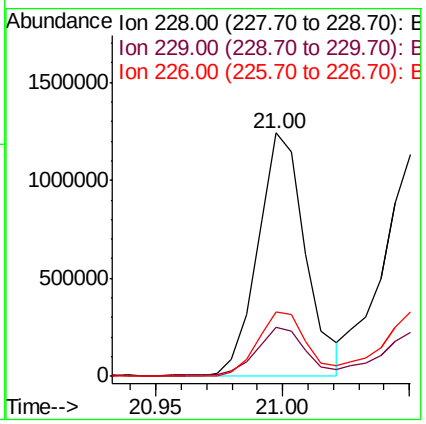


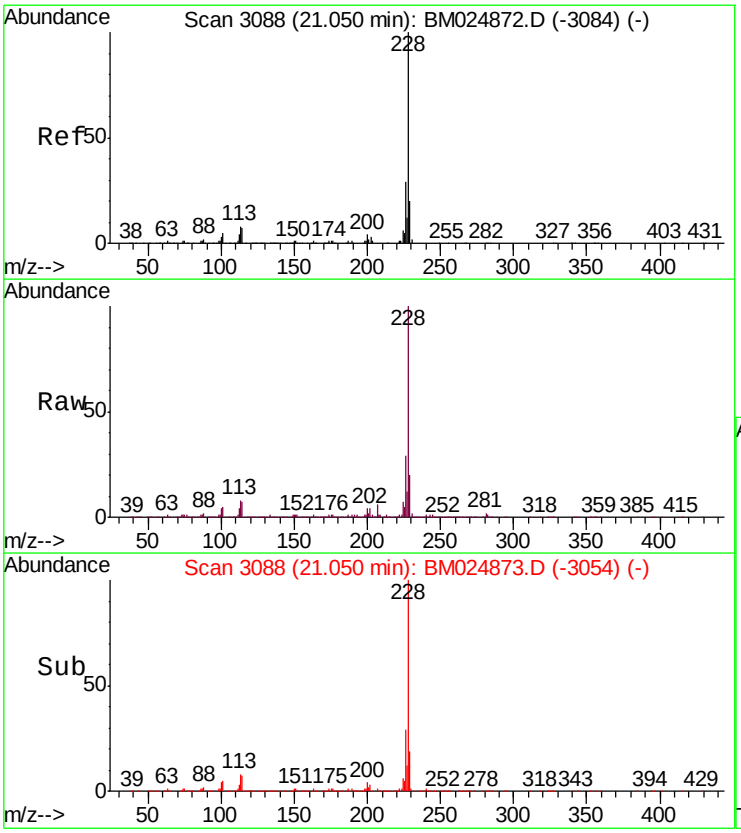
#83
Benzo(a)anthracene
Concen: 10.807 ng/ul
RT: 21.00 min Scan# 3079
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:228 Resp: 1629112

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.9	23.9
226	26.6	20.8	31.2

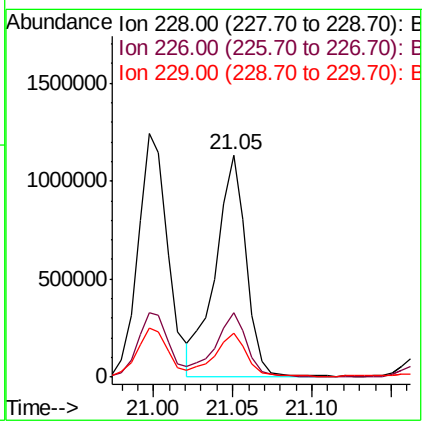


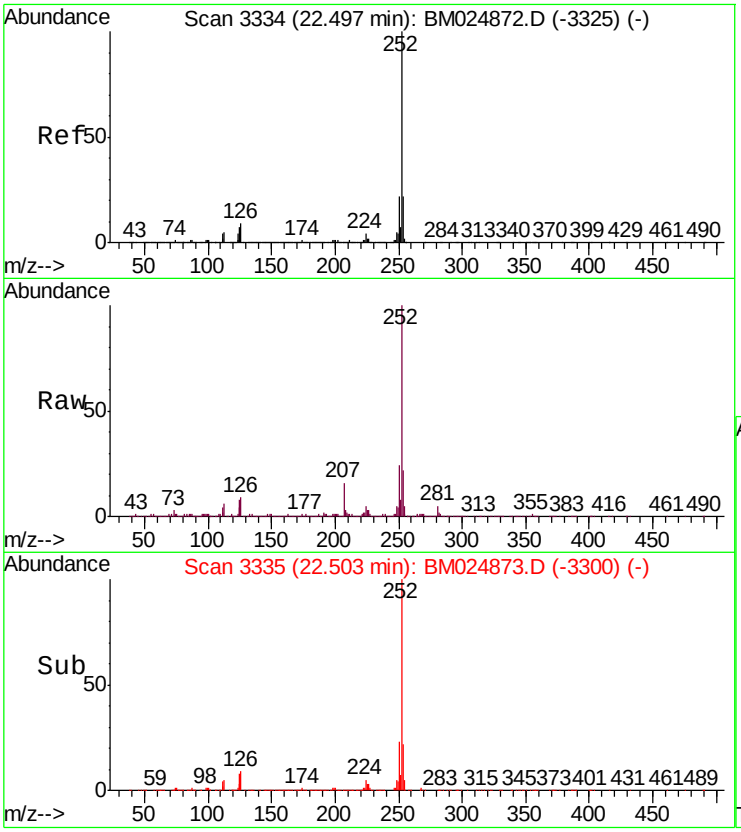


#85
Chrysene
Concen: 10.244 ng/ul
RT: 21.05 min Scan# 3088
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:228 Resp: 1520268

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	19.7	15.8	23.8



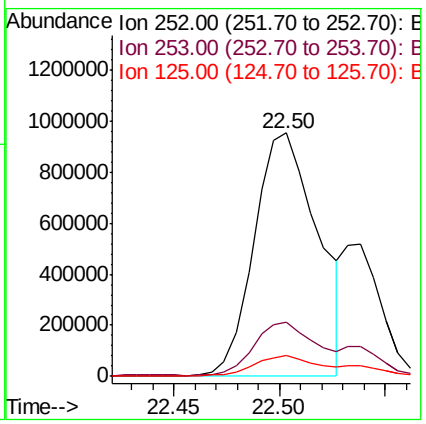


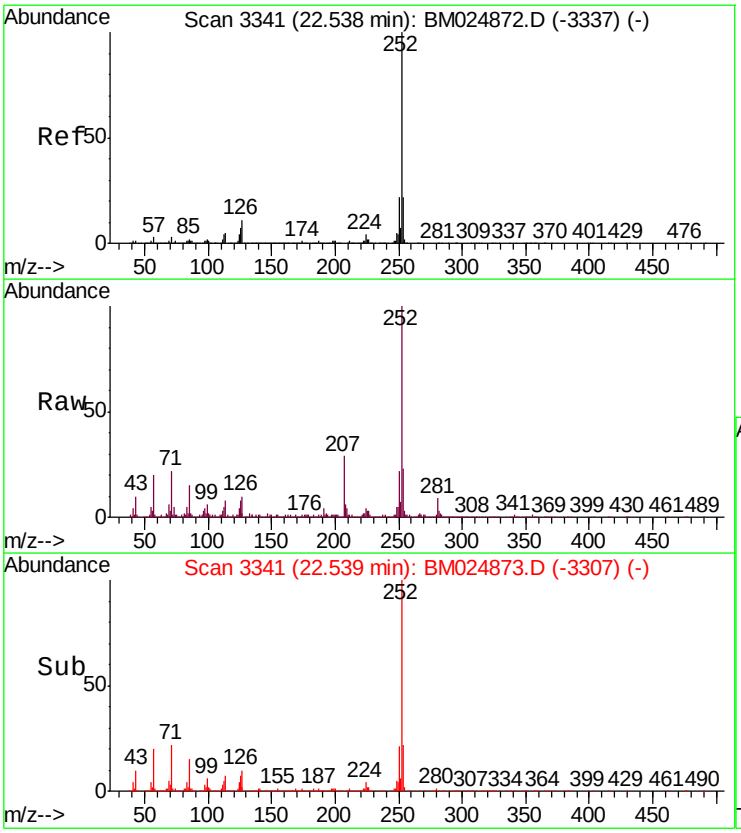
#88
Benzo(b)fluoranthene
Concen: 13.096 ng/ul
RT: 22.50 min Scan# 3335
Delta R.T. 0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:252 Resp: 1985439

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.4	5.1	7.7#

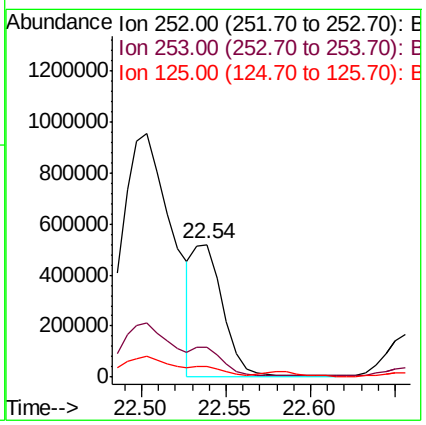


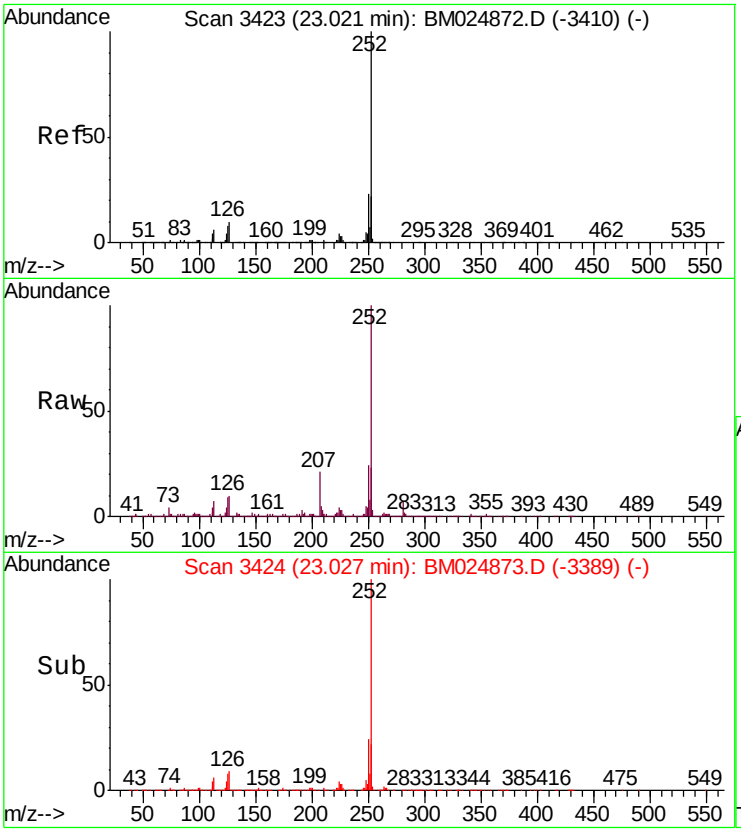


#89
Benzo(k)fluoranthene
Concen: 4.323 ng/ul
RT: 22.54 min Scan# 3341
Delta R.T. 0.00 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:252 Resp: 630895

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	7.7	5.1	7.7#



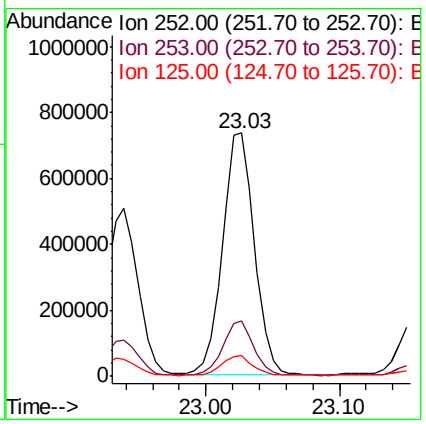


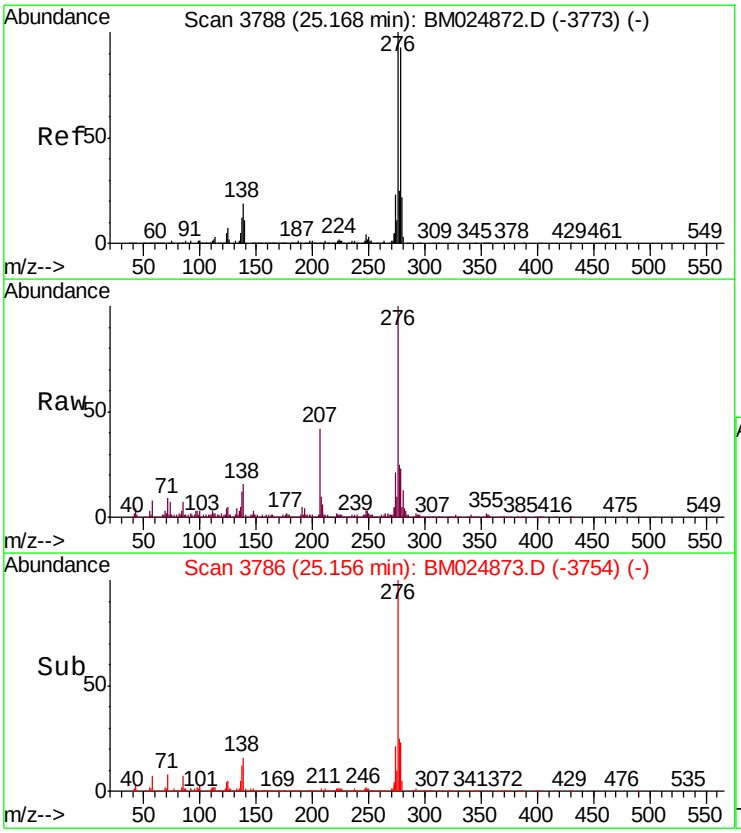
#91
Benzo(a)pyrene
Concen: 9.036 ng/ul
RT: 23.03 min Scan# 3424
Delta R.T. 0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:252 Resp: 1228174

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	8.6	5.6	8.4#

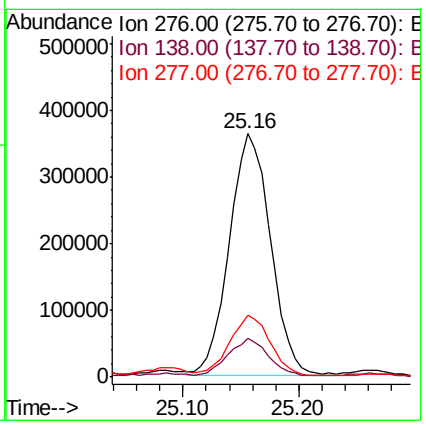


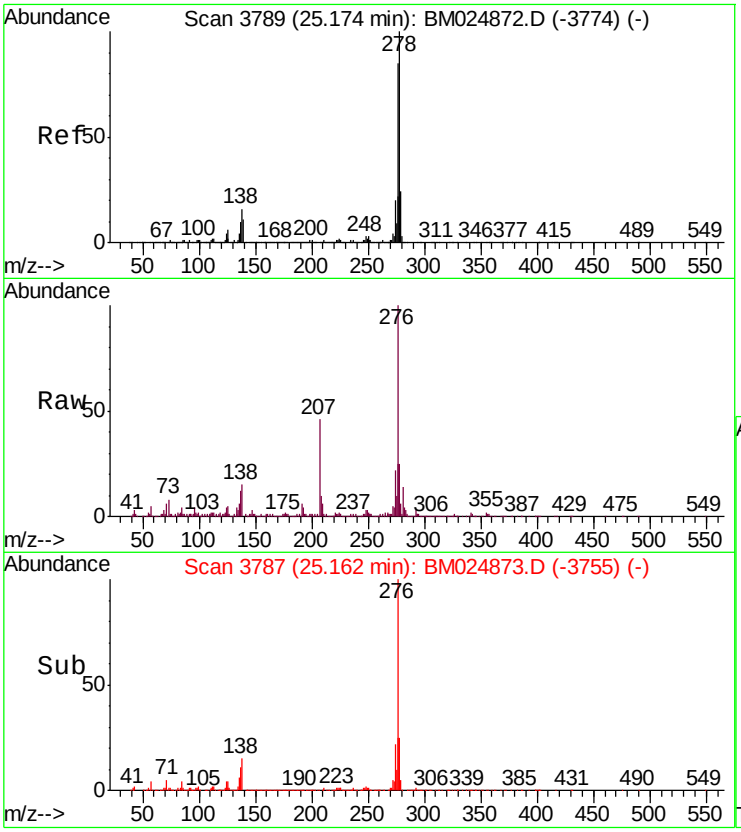


#92
Indeno(1,2,3-cd)pyrene
Concen: 5.328 ng/ul
RT: 25.16 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:276 Resp: 901558

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.8	19.2
277	25.2	19.3	28.9



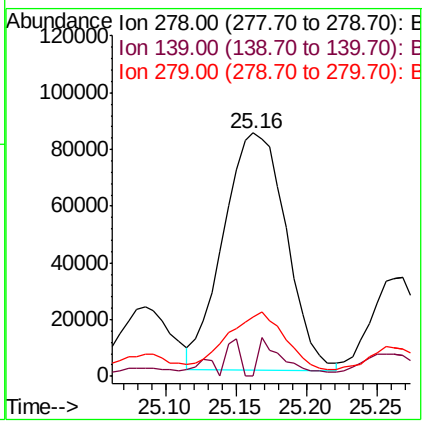


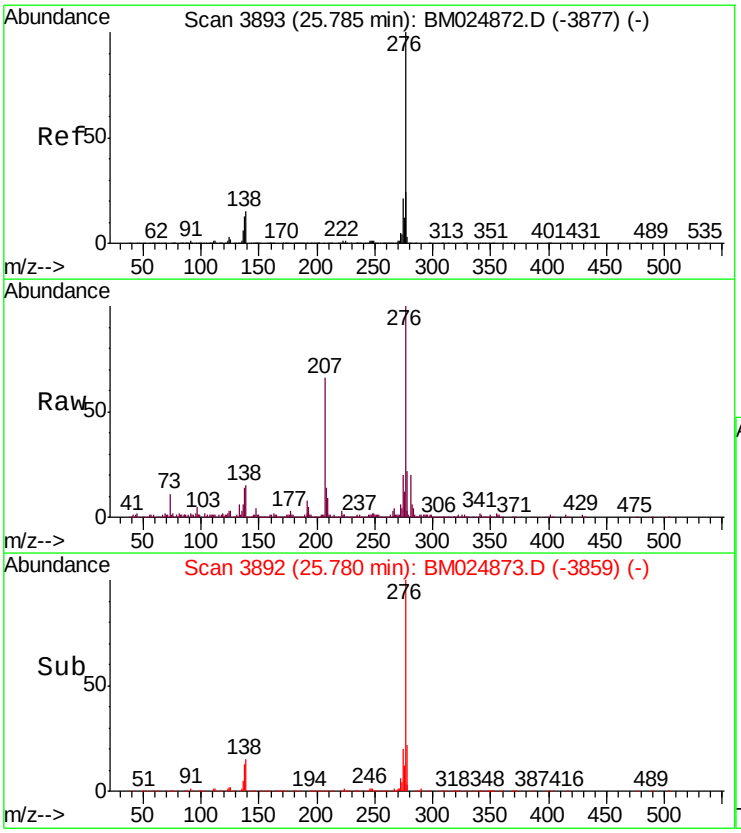
#93
Dibenzo(a,h)anthracene
Concen: 1.810 ng/ul
RT: 25.16 min Scan# 3787
Delta R.T. -0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Instrument :
BNA_M
ClientSampleId :
CB6N9

Tgt Ion:278 Resp: 260944

Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.4	12.6#
279	24.4	18.5	27.7





#94
Benzo(g,h,i)perylene
Concen: 4.813 ng/ul
RT: 25.78 min Scan# 3892
Delta R.T. -0.01 min
Lab File: BM024873.D
Acq: 14 Feb 2020 02:45

Tgt Ion:276 Resp: 677384

Ion	Ratio	Lower	Upper
276	100		
138	15.2	11.8	17.6
277	22.0	19.0	28.6