Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 02 22:36:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	123632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	554859	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	309841	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	681454	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	490382	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	414771	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	8682	3.01	ng/uL	0.00
5) Phenol-d5	6.73	99	267848	25.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	164895	26.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	220786	27.56	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	218742	23.92	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	118160	28.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	121420	28.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	224961	25.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	195579	22.58	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	764809	29.89	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	945419	29.96	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	74204	21.00	ng/ul	0.03
57) Fluorene-d10	15.19	176	631101	27.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	8425	2.06	ng/ul	0.02
70) Anthracene-d10	17.04	188	915498	27.85	ng/ul	0.00
76) Pyrene-d10	19.36	212	889721	35.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	576516	28.56	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.34	128	30704	1.077	ng/ul#	94
44) Dimethylphthalate	13.65	163	118199	4.685	ng/ul	98
47) Acenaphthylene	13.90	152	58308	1.955	ng/ul	98
49) Acenaphthene	14.24	153	30037	1.430	ng/ul	88
58) Fluorene	15.24	166	30438	1.120	ng/ul	99
69) Phenanthrene	16.99	178	591582	15.067	ng/ul	98
71) Anthracene	16.99	178	591582	14.982	ng/ul	98
72) Carbazole	17.37	167	50183	1.511	ng/ul	97
74) Fluoranthene	19.02	202	912099	19.444	ng/ul#	96
77) Pyrene	19.39	202	852243	26.151	ng/ul#	97
80) Benzo(a)anthracene	21.15	228	377875	12.347	ng/ul	98
82) Chrysene	21.15	228	377875	13.235	ng/ul	95
85) Benzo(b)fluoranthene	22.70	252	413272	14.881	ng/ul#	97
86) Benzo(k)fluoranthene	22.70	252	413272	15.651	ng/ul#	96
88) Benzo(a)pyrene	23.26	252	286936	11.562	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.54	276	177406	7.367	ng/ul	98
90) Dibenzo(a,h)anthracene	25.53	278	52865	2.642	ng/ul#	74
91) Benzo(g,h,i)perylene	26.21	276	143825	7.372	ng/ul#	87

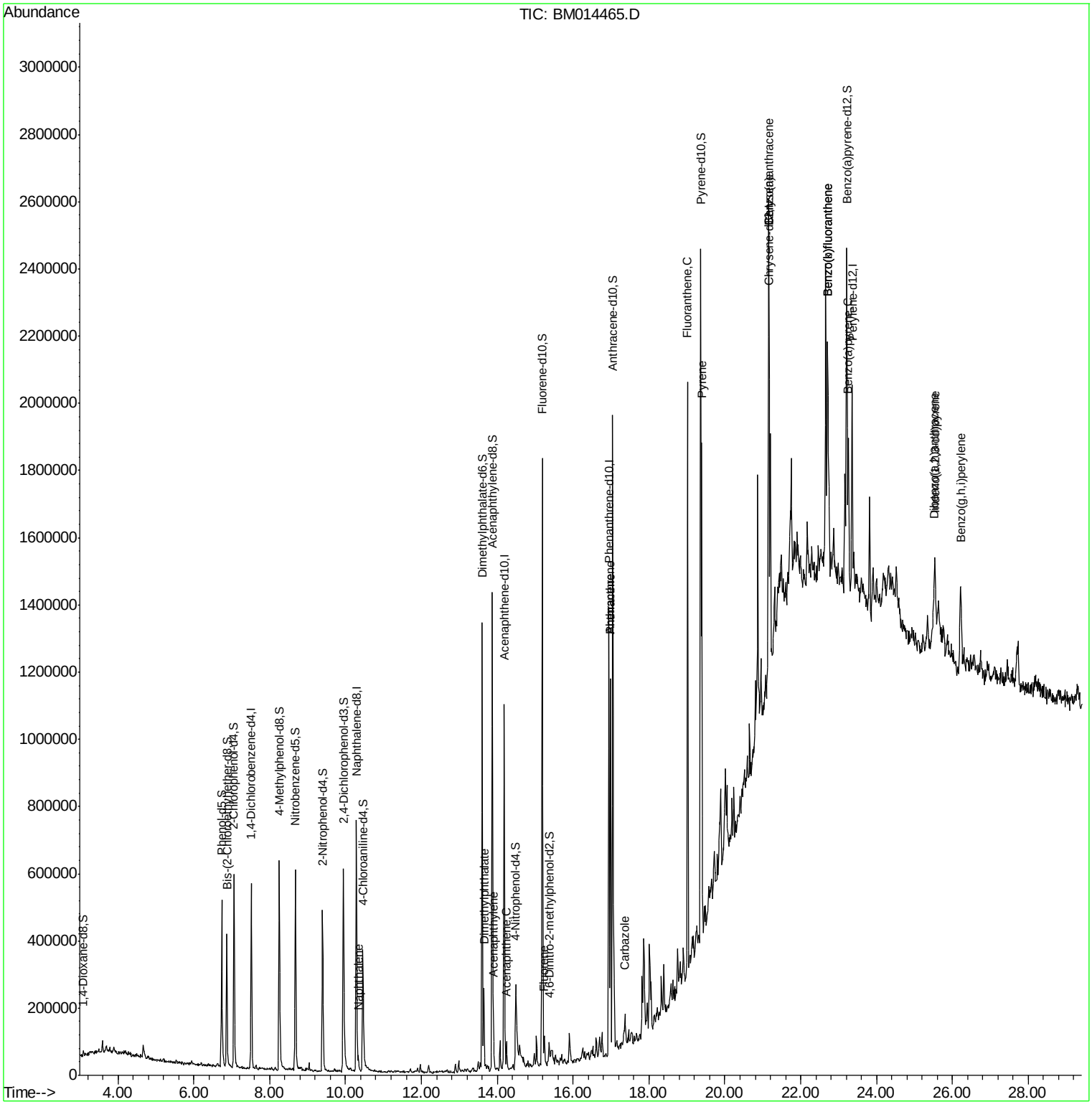
(#) = qualifier out of range (m) = manual integration (+) = signals summed

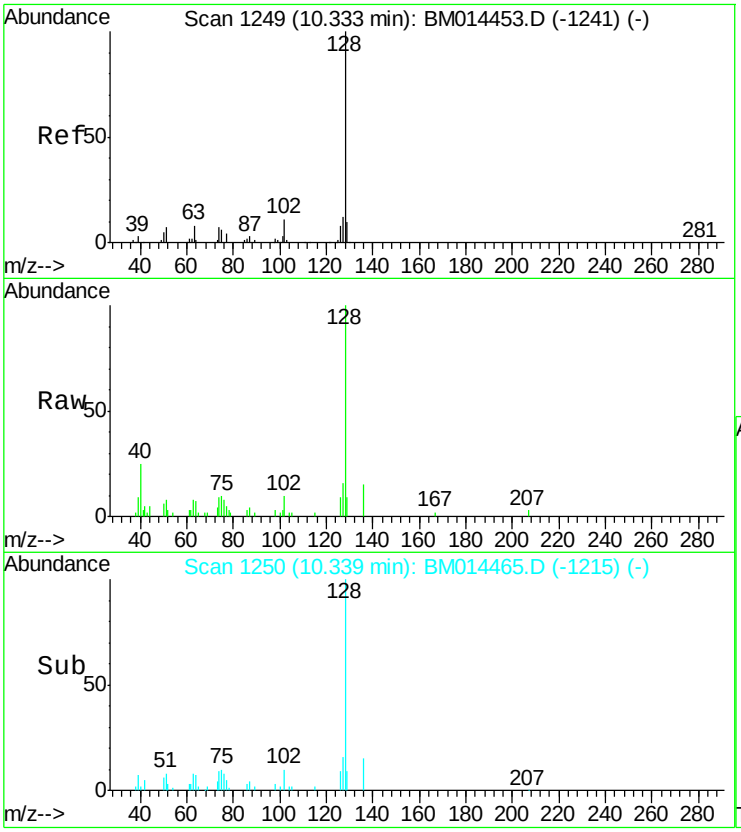
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014465.D
Acq On : 02 Mar 2018 17:07
Operator : SJ/JU
Sample : J1678-19
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 02 22:36:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration



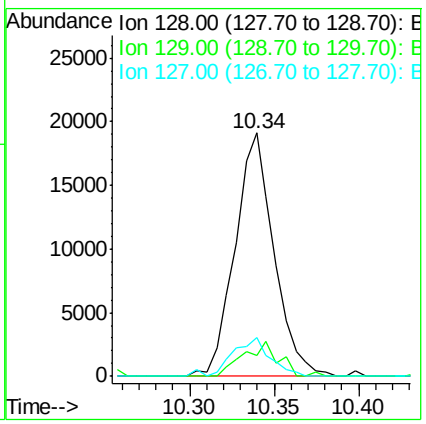


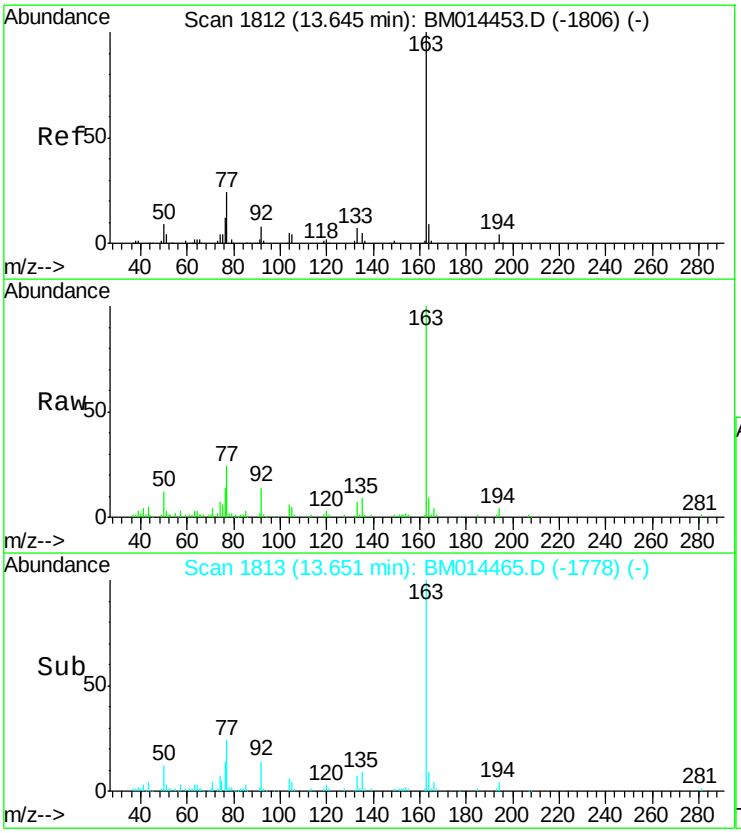
#28
Naphthalene
Concen: 1.077 ng/ul
RT: 10.34 min Scan# 1250
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 30704

Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.8	13.2#
127	16.0	10.6	16.0#

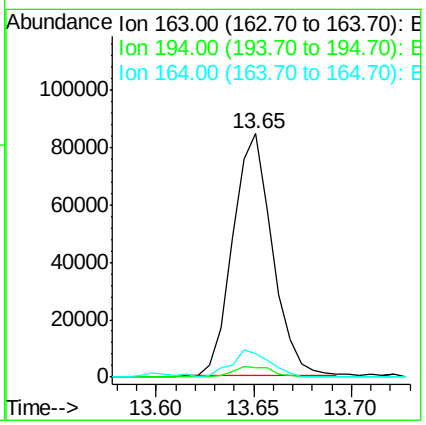


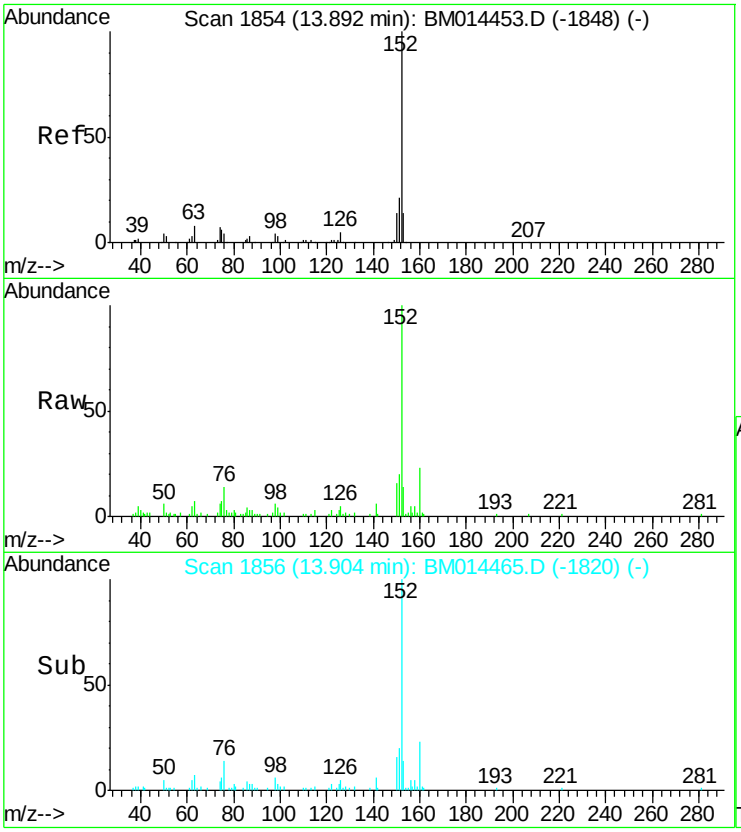


#44
Dimethylphthalate
Concen: 4.685 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:163 Resp: 118199

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.5	8.2	12.4



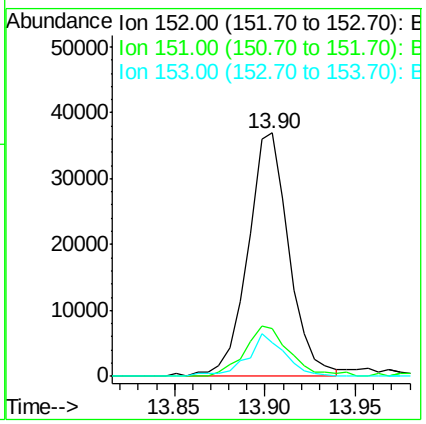


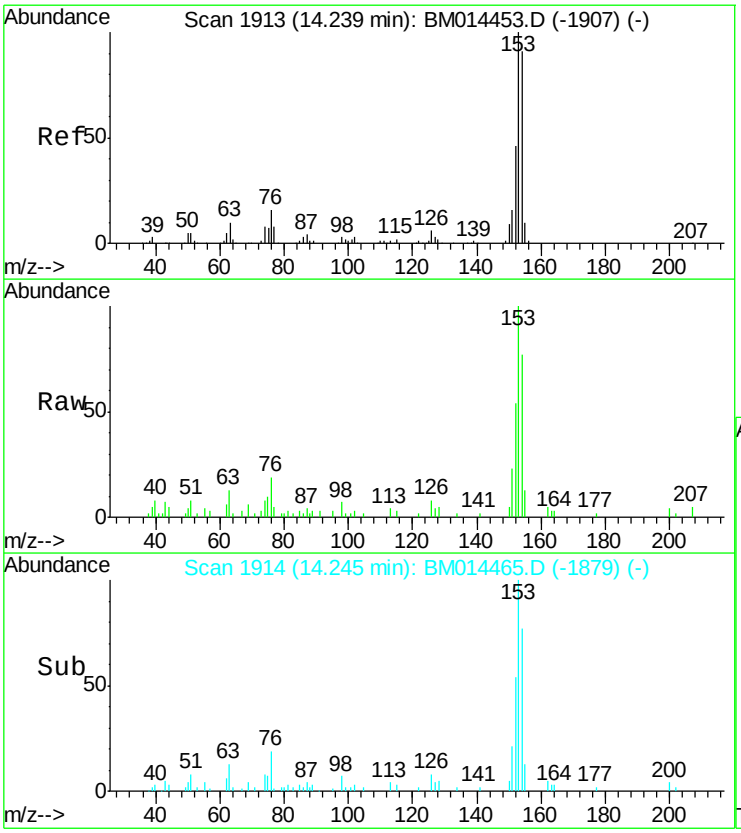
#47
Acenaphthylene
Concen: 1.955 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 58308

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	14.0	10.2	15.4

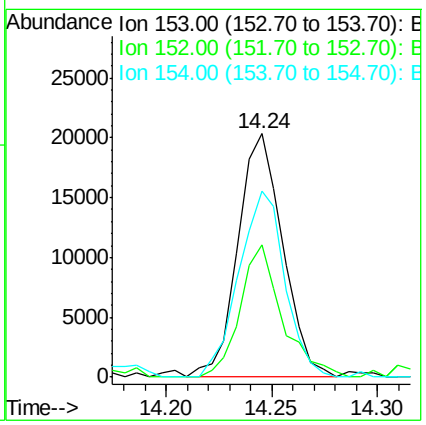


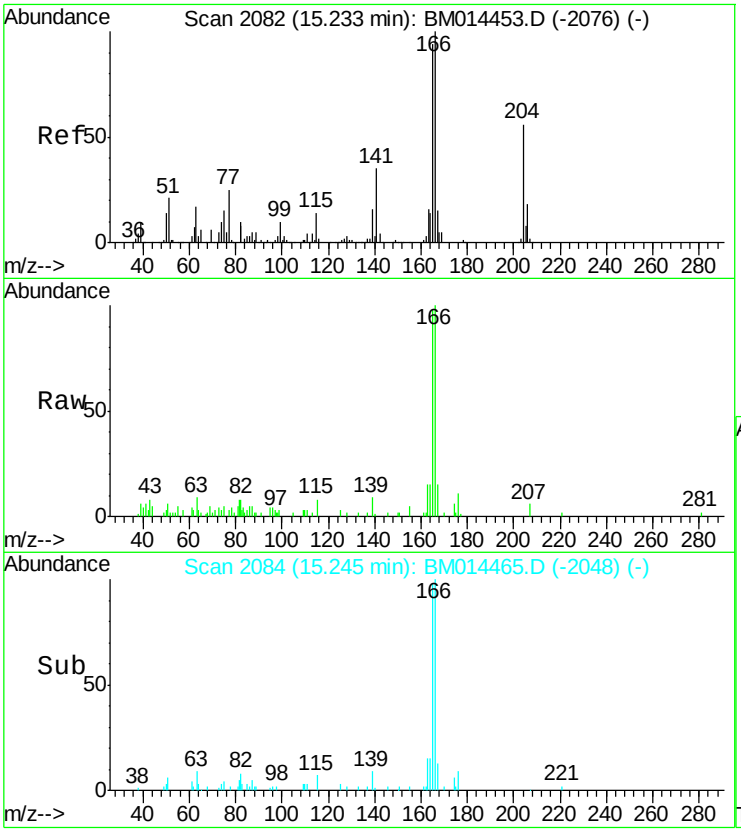


#49
Acenaphthene
Concen: 1.430 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:153 Resp: 30037

Ion	Ratio	Lower	Upper
153	100		
152	54.5	37.6	56.4
154	76.5	70.4	105.6



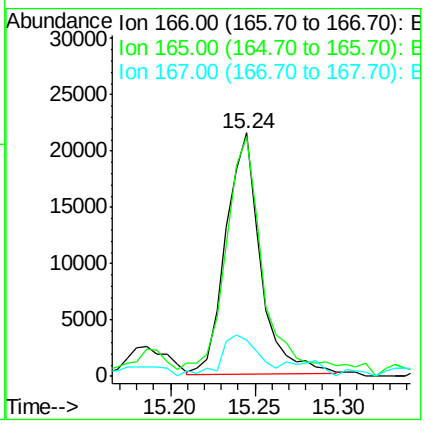


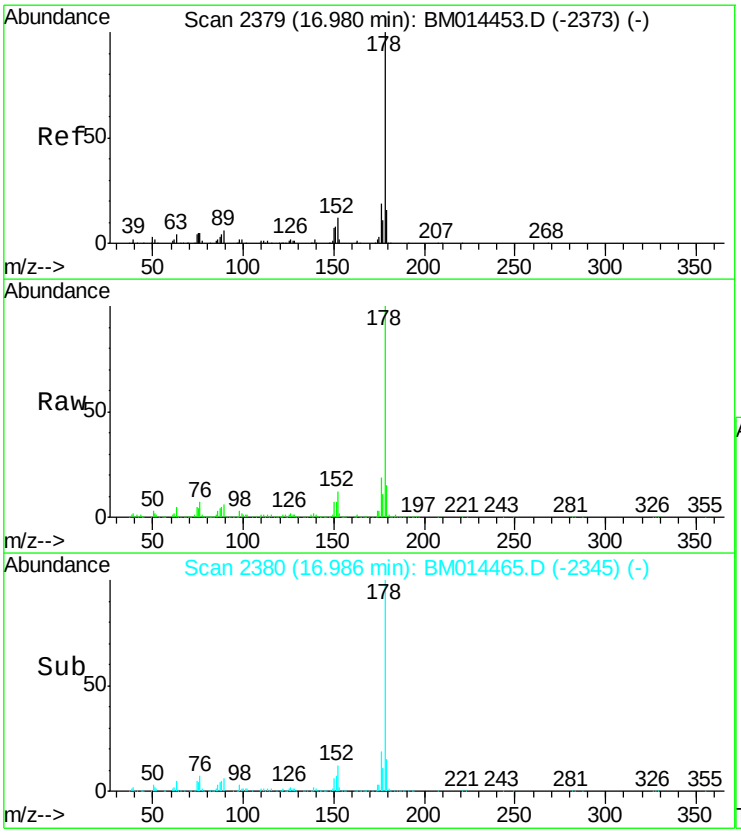
#58
Fluorene
Concen: 1.120 ng/ul
RT: 15.24 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 30438

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.9	116.9
167	15.1	10.6	16.0

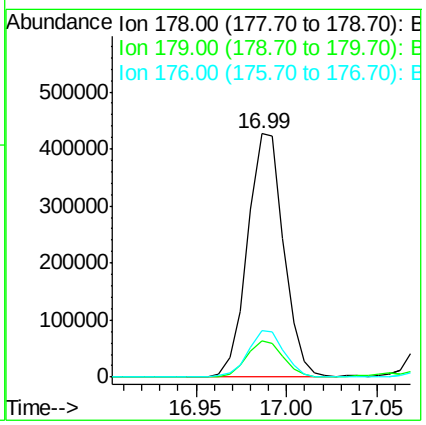


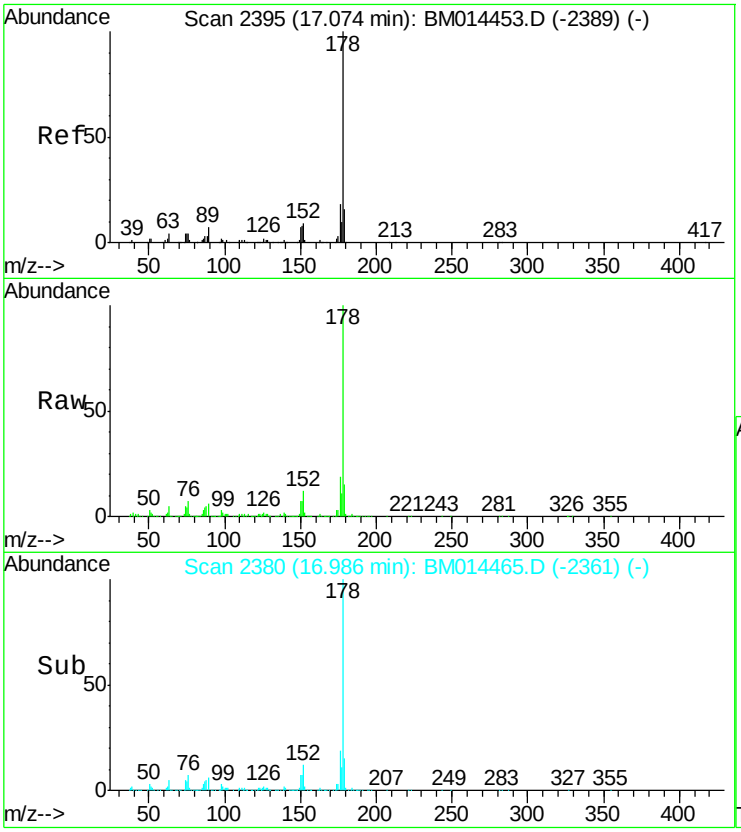


#69
Phenanthrene
Concen: 15.067 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:178 Resp: 591582

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.2	14.9	22.3



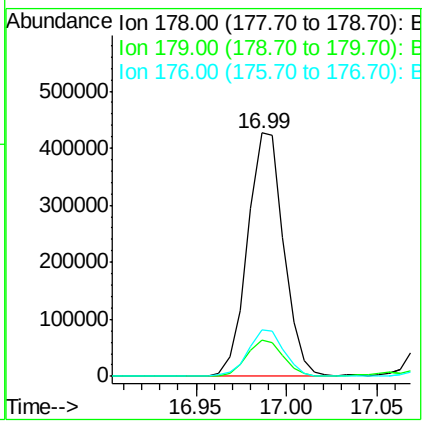


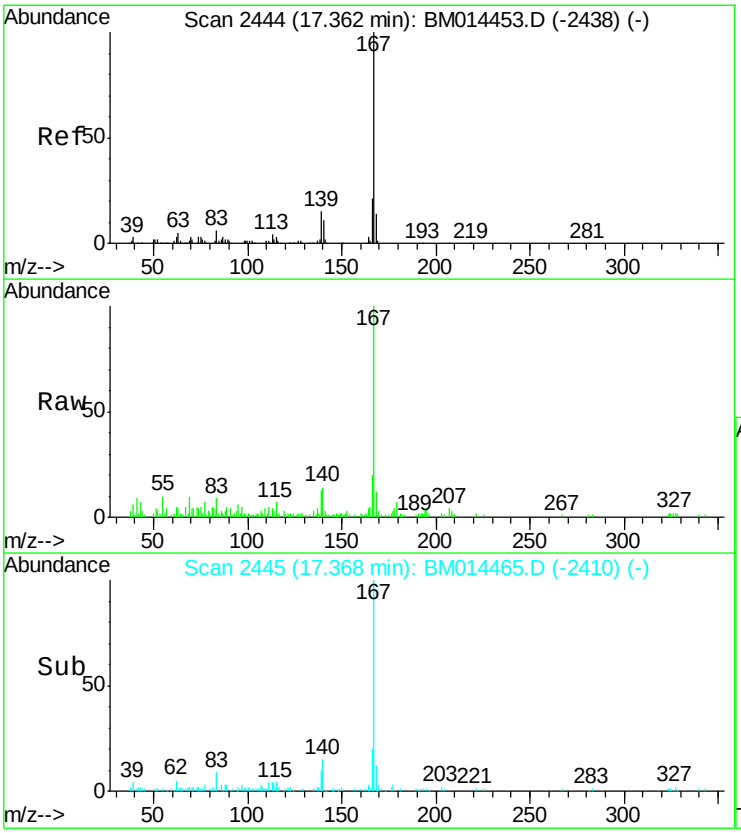
#71
Anthracene
Concen: 14.982 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. -0.09 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 591582

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	19.2	14.6	21.8

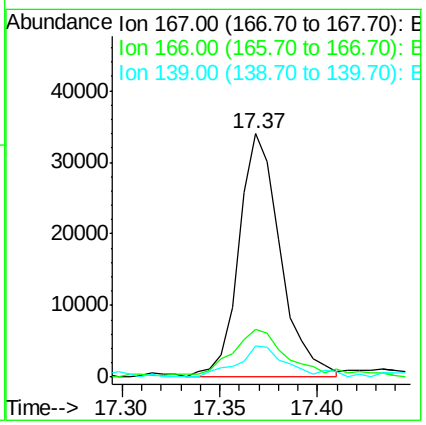


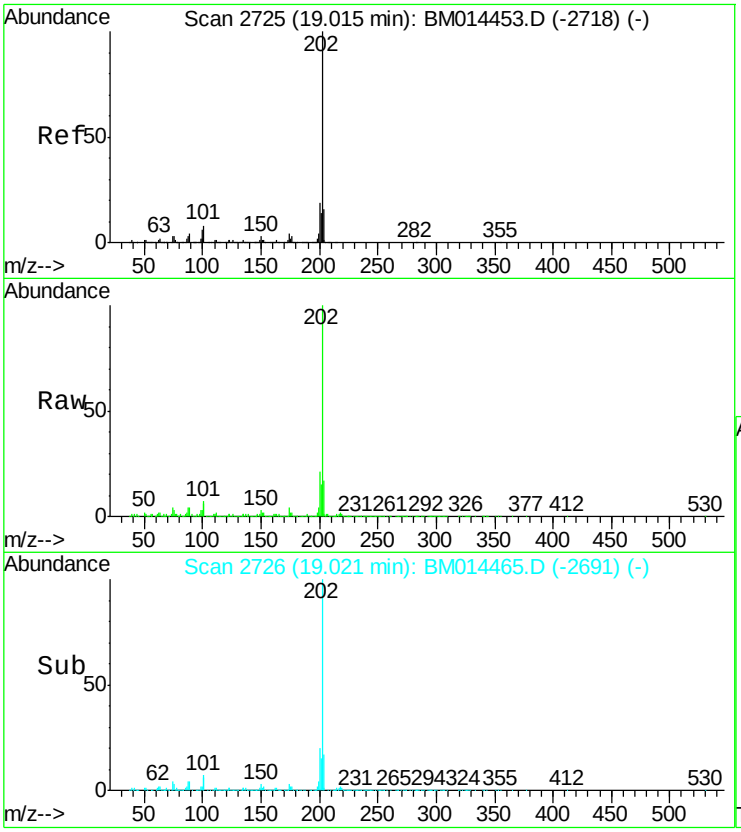


#72
Carbazole
Concen: 1.511 ng/ul
RT: 17.37 min Scan# 2445
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:167 Resp: 50183

Ion	Ratio	Lower	Upper
167	100		
166	19.7	17.1	25.7
139	12.9	10.0	15.0



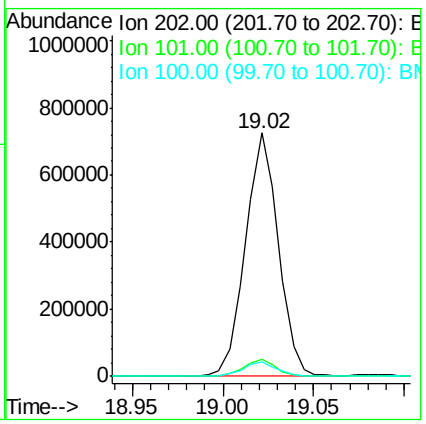


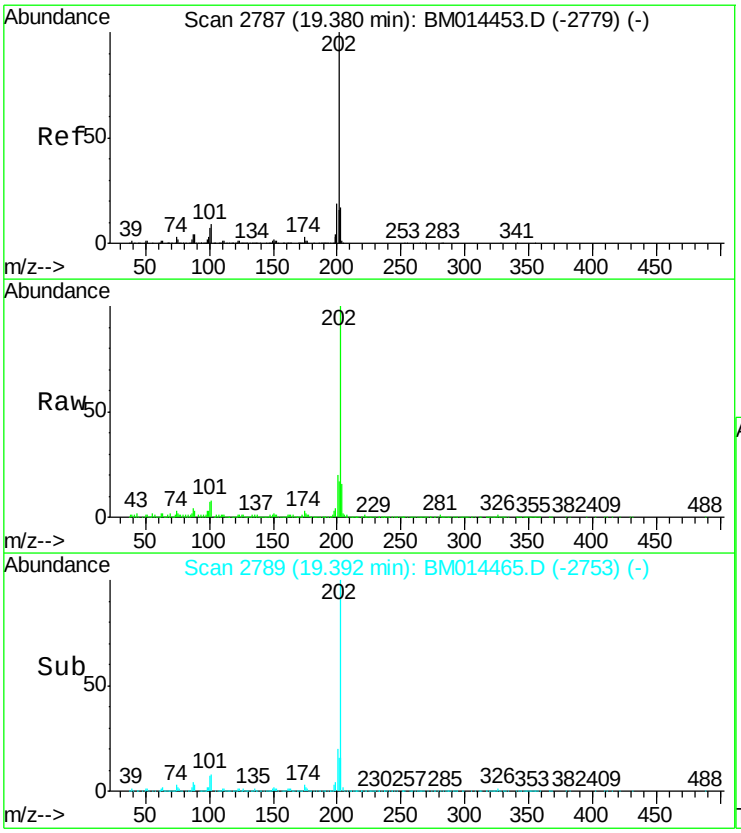
#74
Fluoranthene
Concen: 19.444 ng/ul
RT: 19.02 min Scan# 2726
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 912099

Ion	Ratio	Lower	Upper
202	100		
101	6.8	4.6	7.0
100	5.9	3.4	5.2#

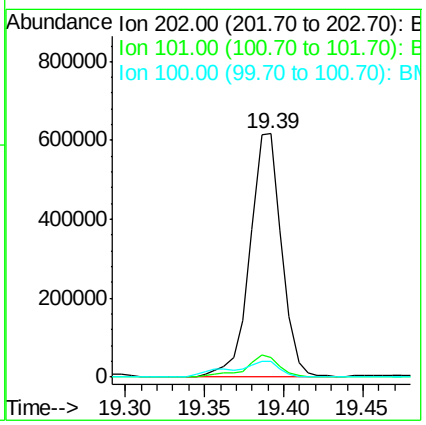


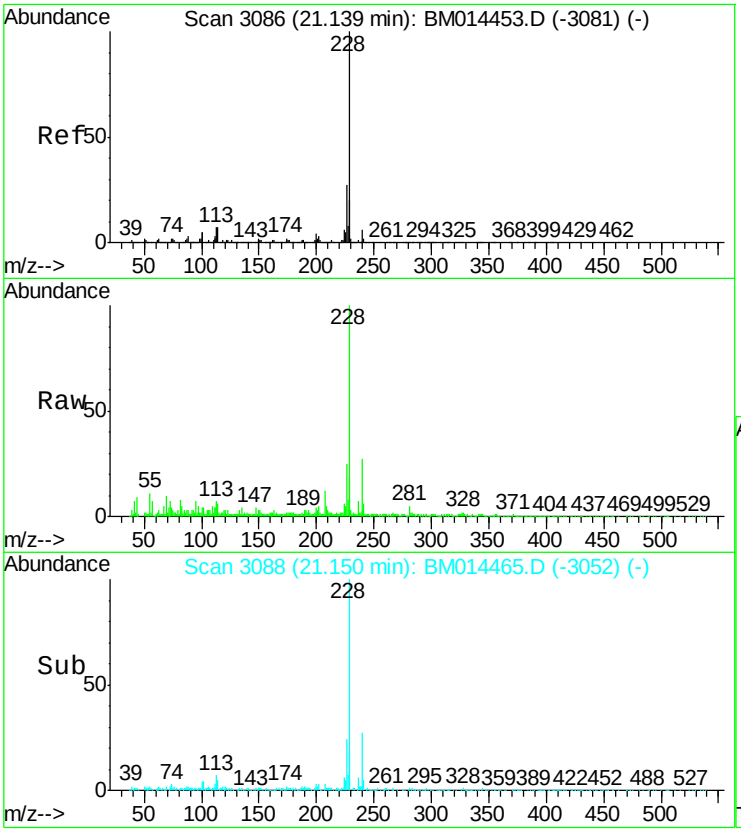


#77
Pyrene
Concen: 26.151 ng/ul
RT: 19.39 min Scan# 2789
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:202 Resp: 852243

Ion	Ratio	Lower	Upper
202	100		
101	8.3	5.1	7.7#
100	6.6	4.9	7.3



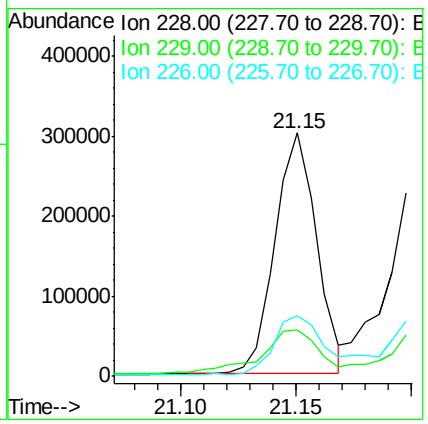


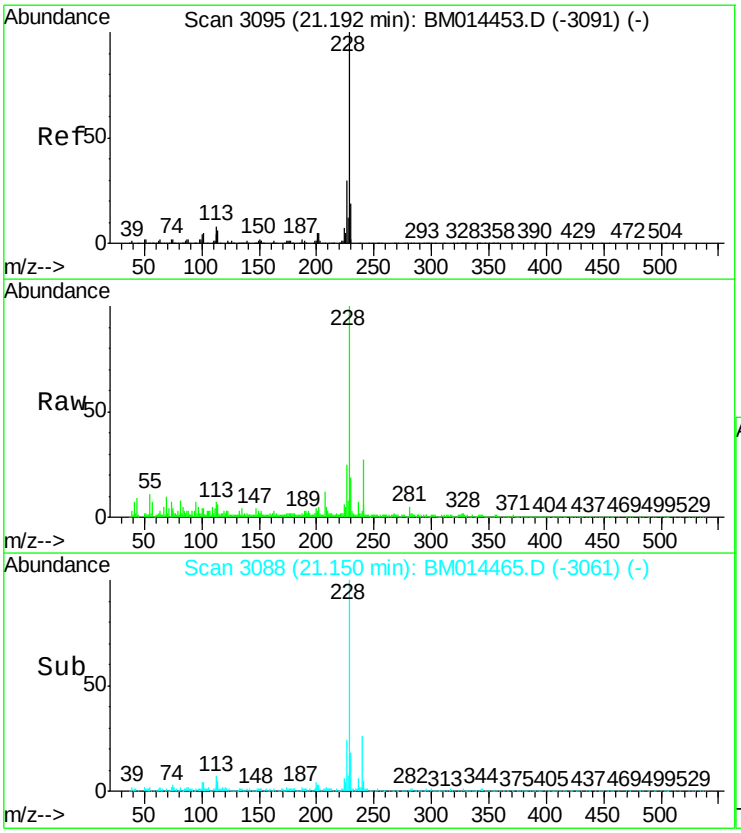
#80
Benzo(a)anthracene
Concen: 12.347 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 377875

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.4	23.0
226	24.8	21.4	32.0

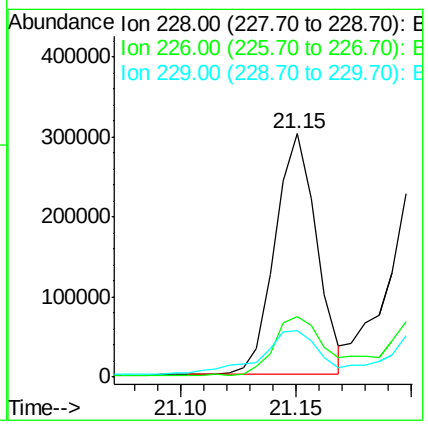


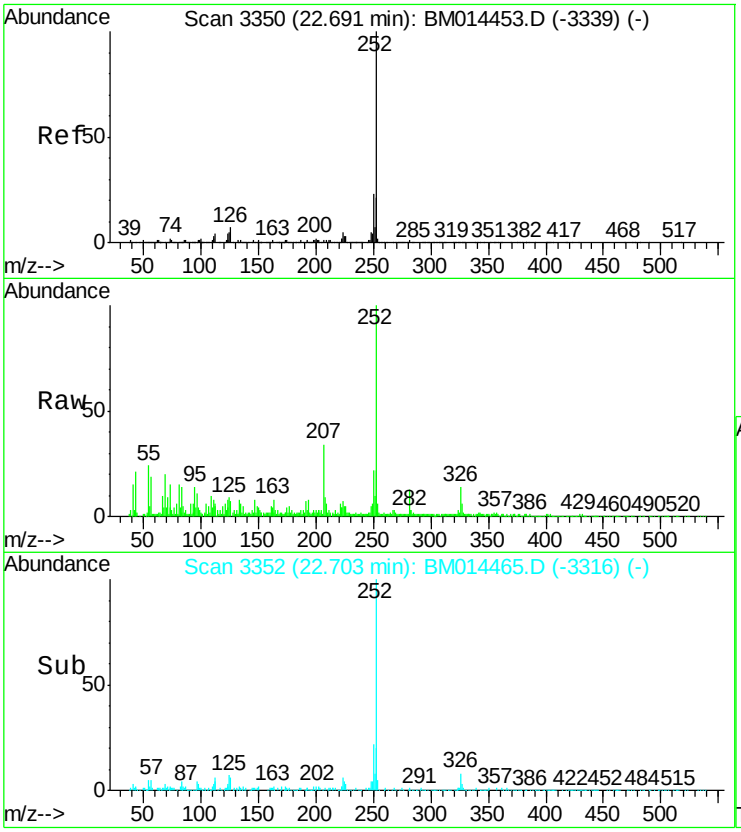


#82
Chrysene
Concen: 13.235 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. -0.04 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:228 Resp: 377875

Ion	Ratio	Lower	Upper
228	100		
226	24.8	23.4	35.2
229	19.3	15.5	23.3



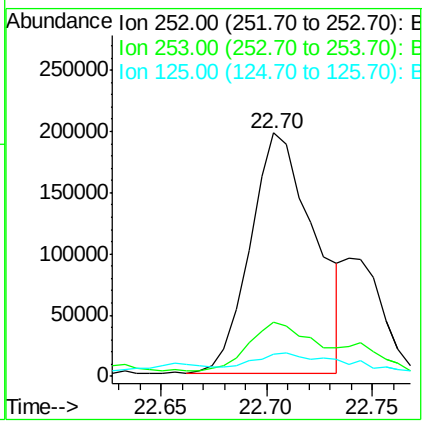


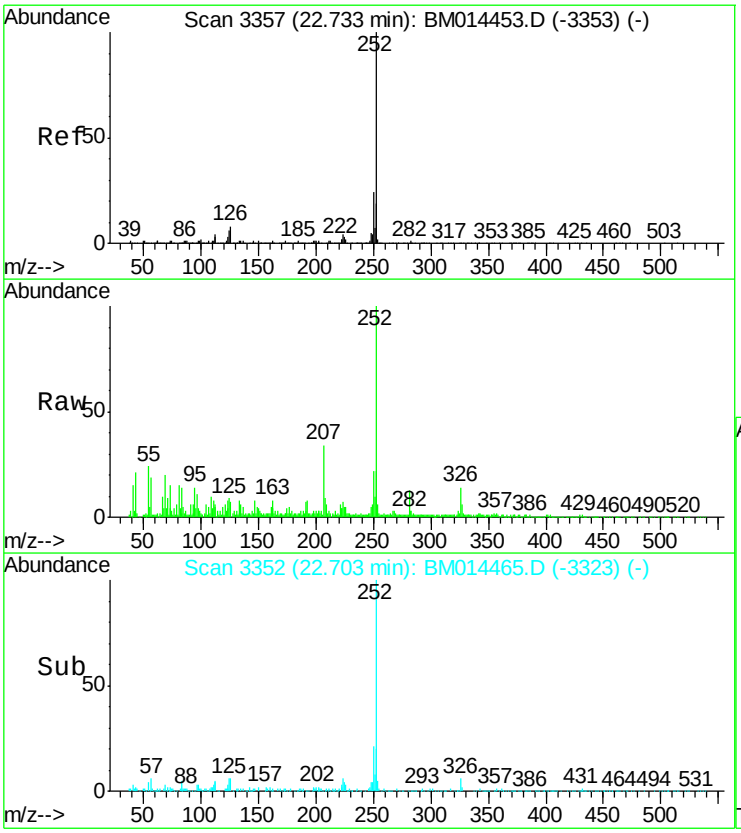
#85
Benzo(b)fluoranthene
Concen: 14.881 ng/ul
RT: 22.70 min Scan# 3352
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 413272

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.3	3.6	5.4#

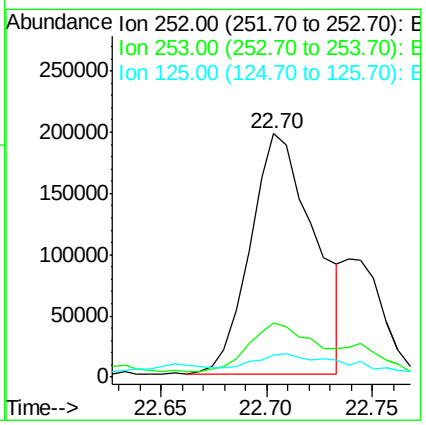


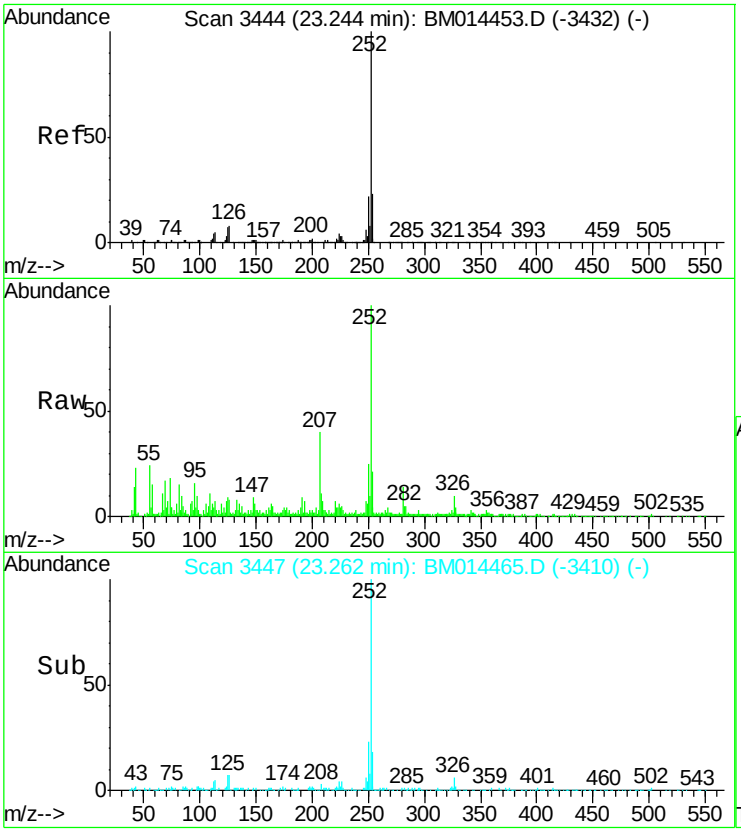


#86
Benzo(k)fluoranthene
Concen: 15.651 ng/ul
RT: 22.70 min Scan# 3352
Delta R.T. -0.03 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:252 Resp: 413272

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	9.3	3.4	5.2#



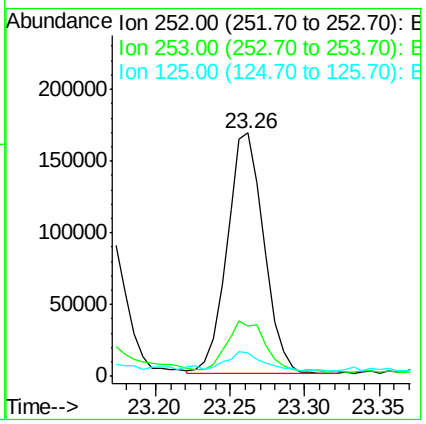


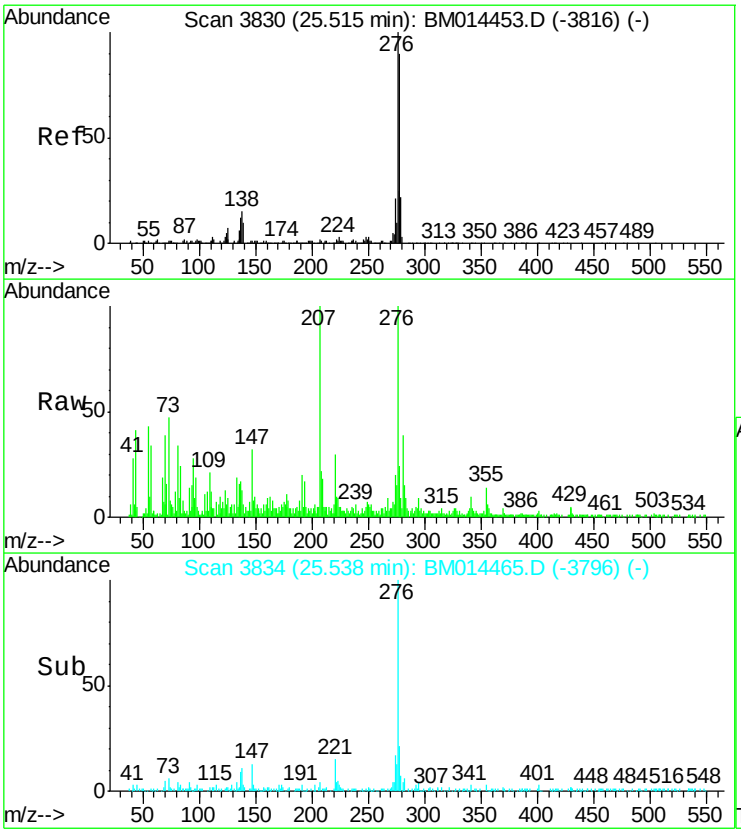
#88
Benzo(a)pyrene
Concen: 11.562 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. 0.02 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 286936

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.2
125	9.4	4.0	6.0#

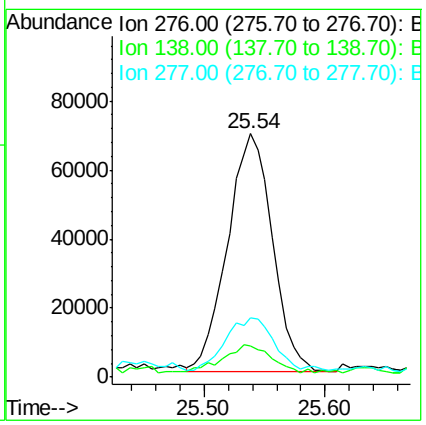


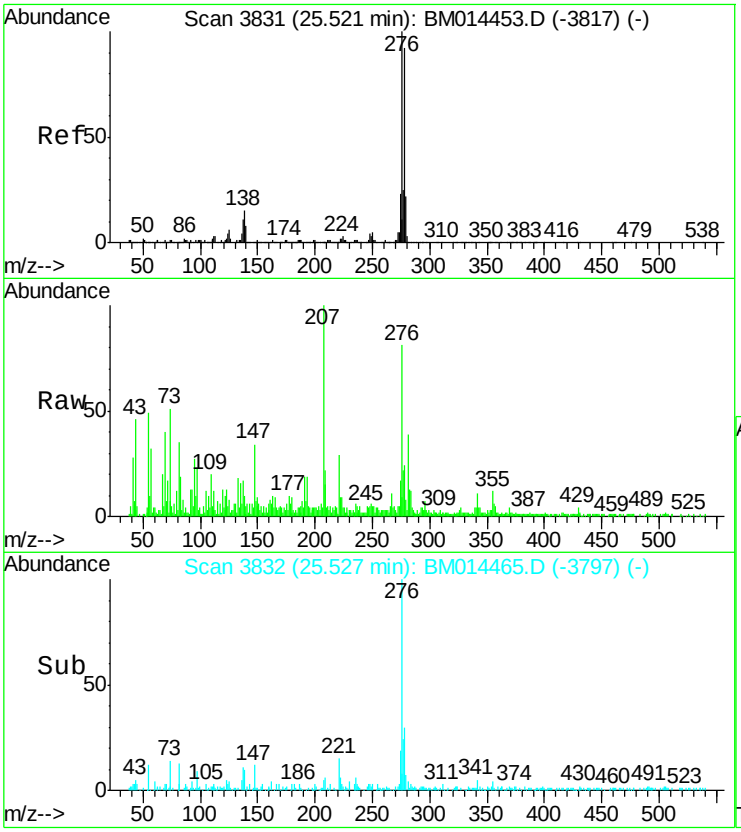


#89
Indeno(1,2,3-cd)pyrene
Concen: 7.367 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. 0.02 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:276 Resp: 177406

Ion	Ratio	Lower	Upper
276	100		
138	12.7	9.3	13.9
277	24.1	19.9	29.9



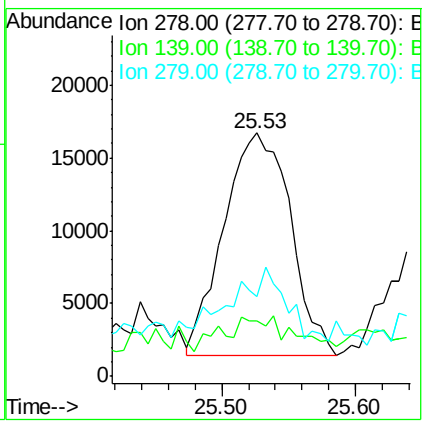


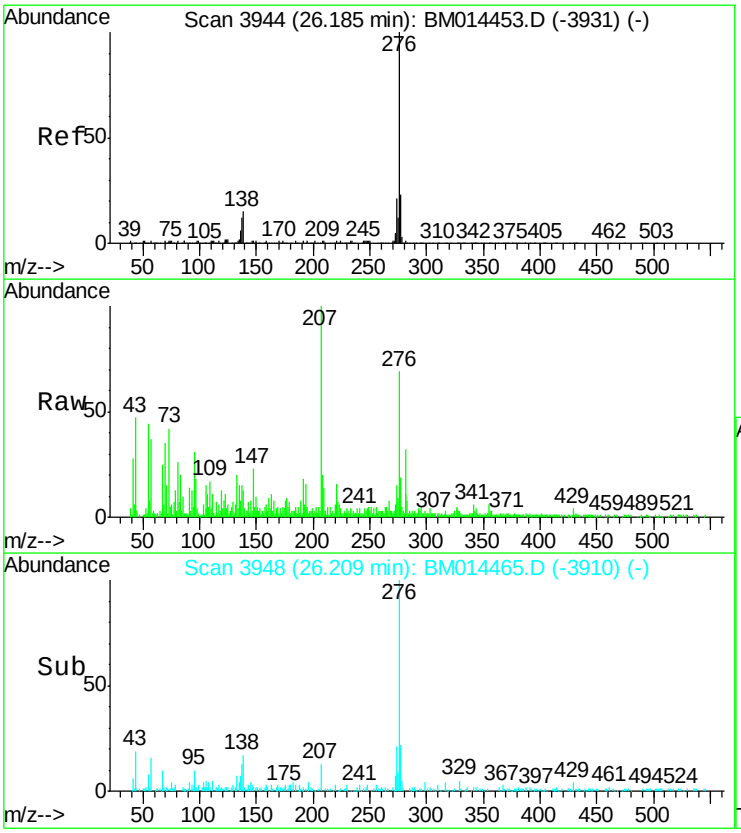
#90
Dibenzo(a,h)anthracene
Concen: 2.642 ng/ul
RT: 25.53 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 52865

Ion	Ratio	Lower	Upper
278	100		
139	22.6	5.8	8.8#
279	32.8	18.6	27.8#





#91
Benzo(g,h,i)perylene
Concen: 7.372 ng/ul
RT: 26.21 min Scan# 3948
Delta R.T. 0.02 min
Lab File: BM014465.D
Acq: 02 Mar 2018 17:07

Tgt Ion:276 Resp: 143825

Ion	Ratio	Lower	Upper
276	100		
138	19.5	8.5	12.7#
277	27.0	18.6	28.0