Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

Quantitation Report (Not Reviewed)

Data File : BM013485.D
Acq On : 16 Dec 2017 20:09
Operator : SJ/JU
Sample : I6776-18DL 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9A47DL

Quant Time: Dec 18 03:15:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	224579	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	983997	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	569950	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1185384	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	966549	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	823875	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	1259	0.28	ng/uL	0.00
5) Phenol-d5	6.86	99	19446	1.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	13042	1.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	17058	1.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	17092	1.03	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	9789	1.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	9660	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	17030	0.99	ng/ul	0.02
29) 4-Chloroaniline-d4	10.62	131	1822	0.12	ng/ul	0.02
43) Dimethylphthalate-d6	13.73	166	60049	1.18	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	78700	1.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	2543	0.29	ng/ul	0.02
57) Fluorene-d10	15.31	176	54336	1.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	3112	0.42	ng/ul	0.00
70) Anthracene-d10	17.16	188	80898	1.36	ng/ul	0.00
76) Pyrene-d10	19.46	212	77969	1.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	52140	1.24	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	14.04	152	195993	3.38	ng/ul	99
49) Acenaphthene	14.38	153	70638	1.79	ng/ul	96
68) Pentachlorophenol	16.72	266	145332	16.35	ng/ul	99
69) Phenanthrene	17.11	178	604437	8.98	ng/ul	100
71) Anthracene	17.20	178	465248	6.76	ng/ul	99
72) Carbazole	17.47	167	67633	1.14	ng/ul	98
74) Fluoranthene	19.13	202	1689759	20.47	ng/ul#	92
77) Pyrene	19.49	202	2107244	35.89	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	972844	15.86	ng/ul	96
82) Chrysene	21.30	228	654295	11.50	ng/ul	98
85) Benzo(b)fluoranthene	22.82	252	2442260	43.97	ng/ul#	98
86) Benzo(k)fluoranthene	22.82	252	2442260	46.73	ng/ul#	96
88) Benzo(a)pyrene	23.39	252	1077028	21.59	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.71	276	654032	13.21	ng/ul#	95
91) Benzo(g,h,i)perylene	26.39	276	548765	14.05	ng/ul#	95

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

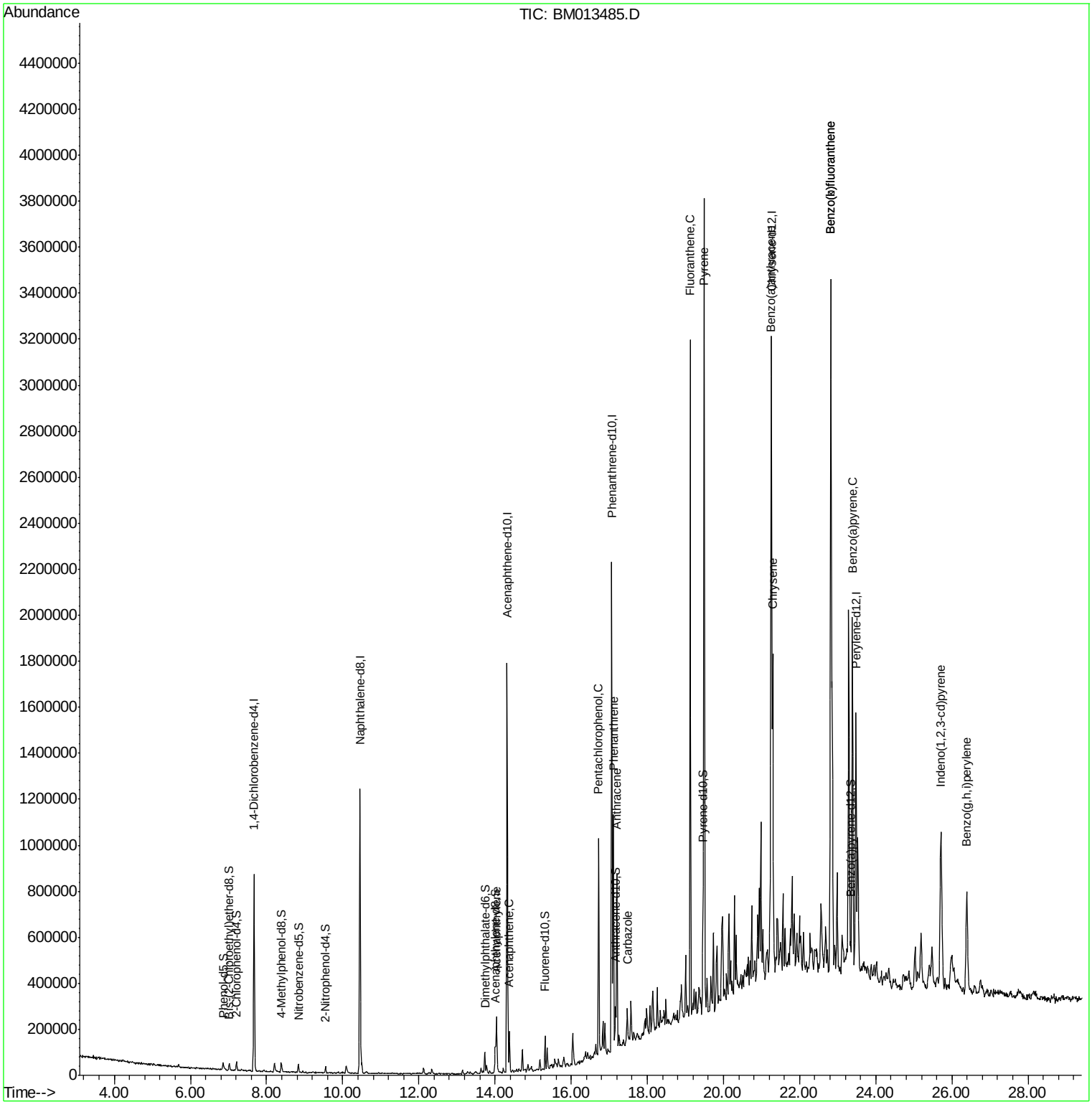
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121517\

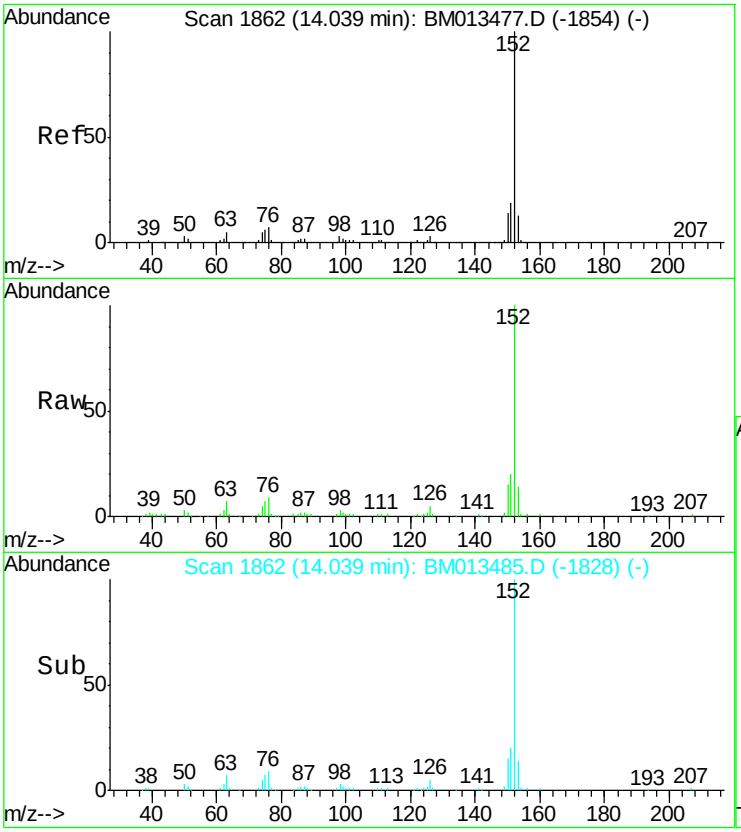
Quantitation Report (Not Reviewed)

Data File : BM013485.D
Acq On : 16 Dec 2017 20:09
Operator : SJ/JU
Sample : I6776-18DL 20X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Quant Time: Dec 18 03:15:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 18 03:13:05 2017
Response via : Initial Calibration



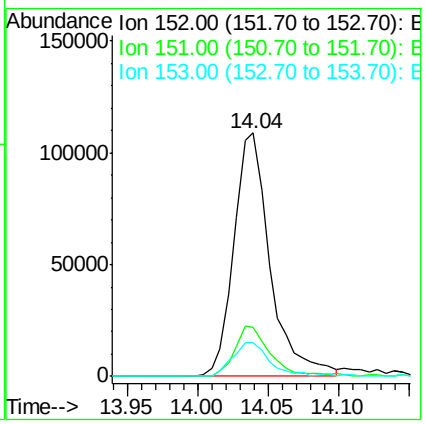


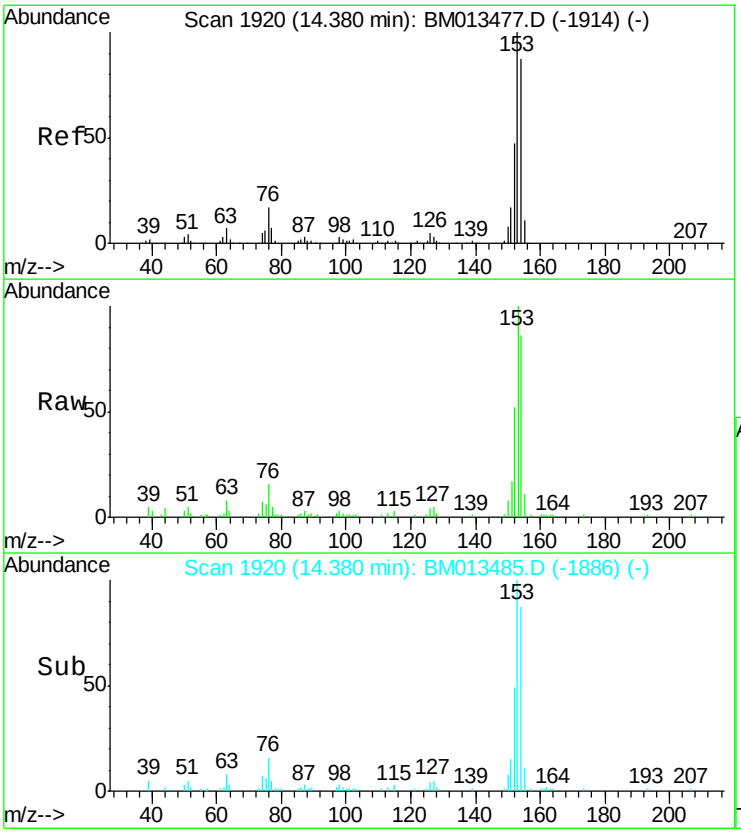
#47
Acenaphthylene
Concen: 3.38 ng/ul
RT: 14.04 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:152 Resp: 195993

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.8	10.2	15.4

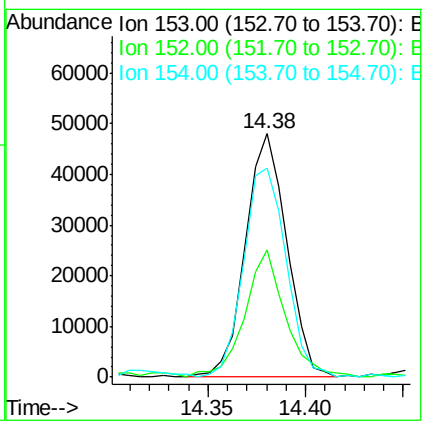


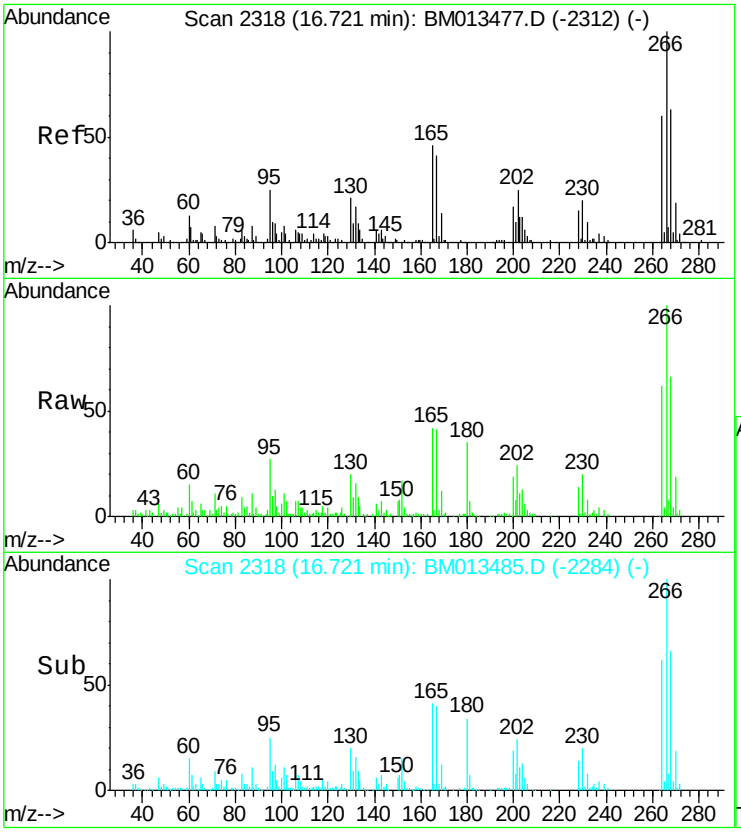


#49
Acenaphthene
Concen: 1.79 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion:153 Resp: 70638

Ion	Ratio	Lower	Upper
153	100		
152	52.0	37.6	56.4
154	85.6	70.4	105.6



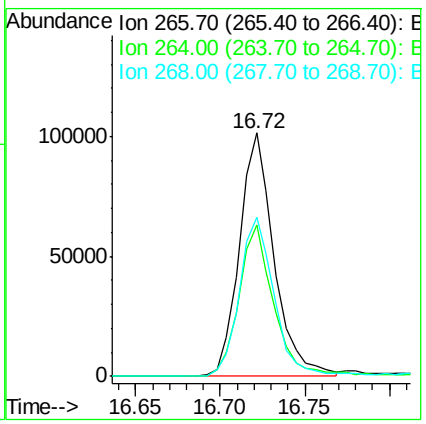


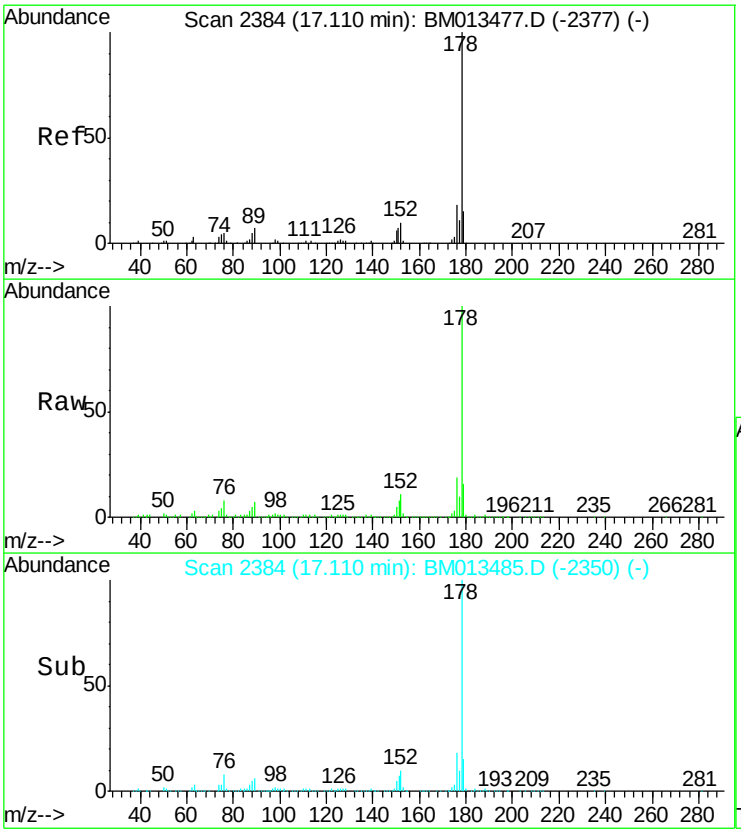
#68
Pentachlorophenol
Concen: 16.35 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:266 Resp: 145332

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.3	73.9
268	65.6	52.6	78.8

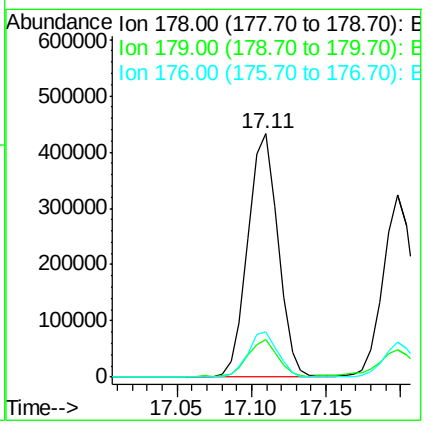


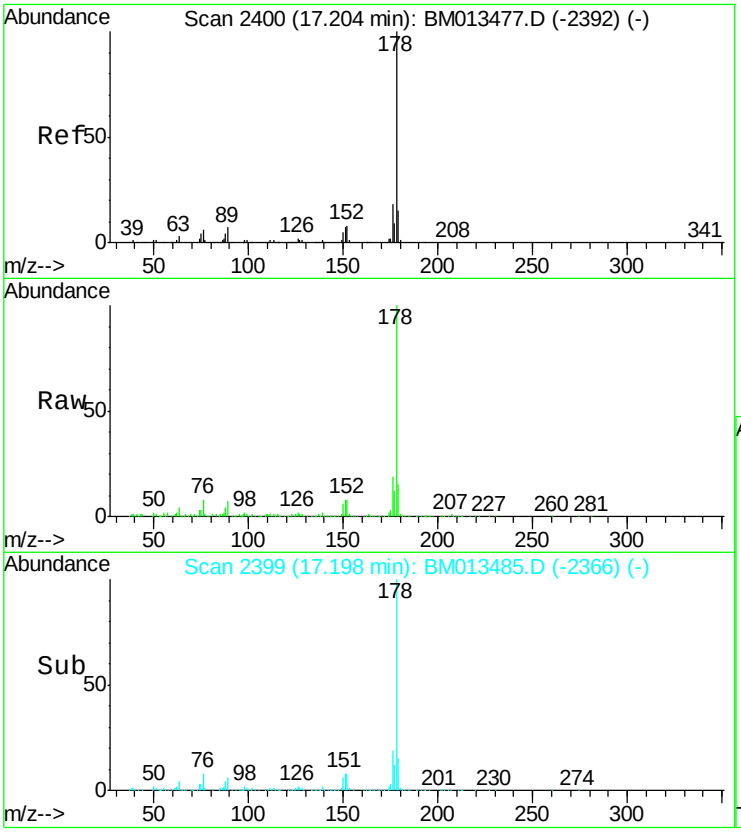


#69
Phenanthrene
Concen: 8.98 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion:178 Resp: 604437

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	18.5	14.9	22.3



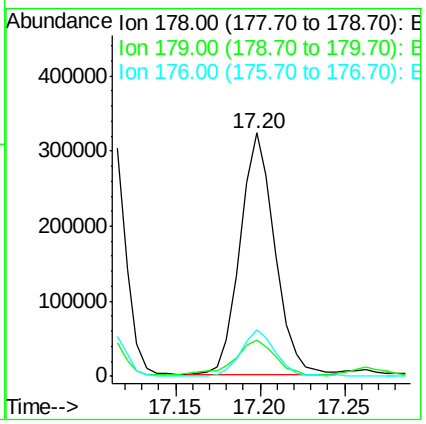


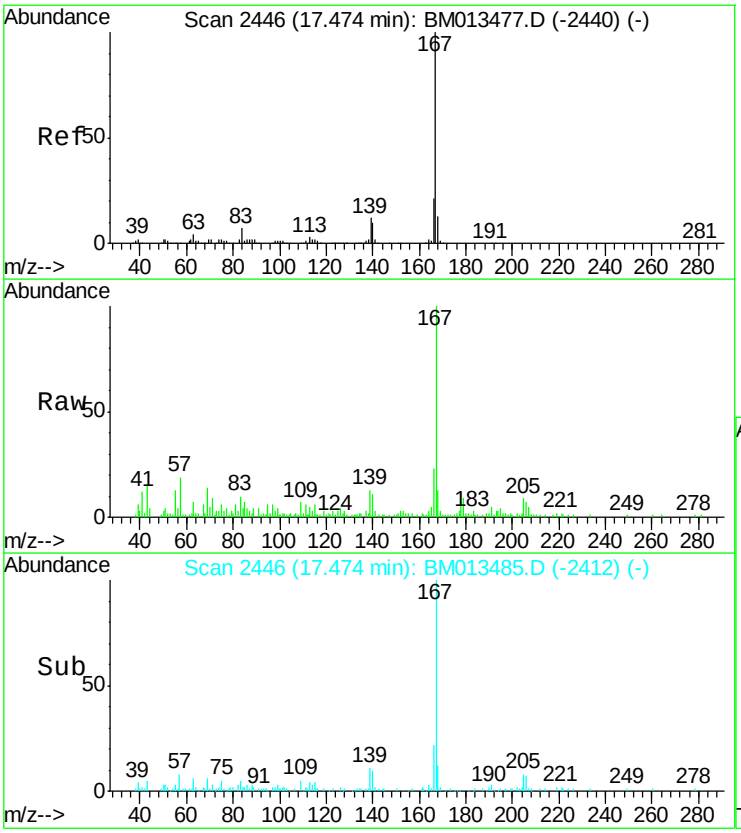
#71
Anthracene
Concen: 6.76 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. -0.01 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:178 Resp: 465248

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.9	14.6	21.8

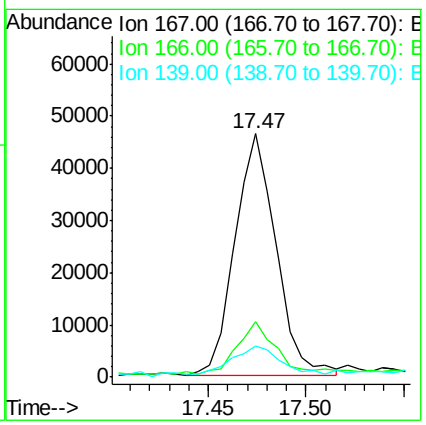


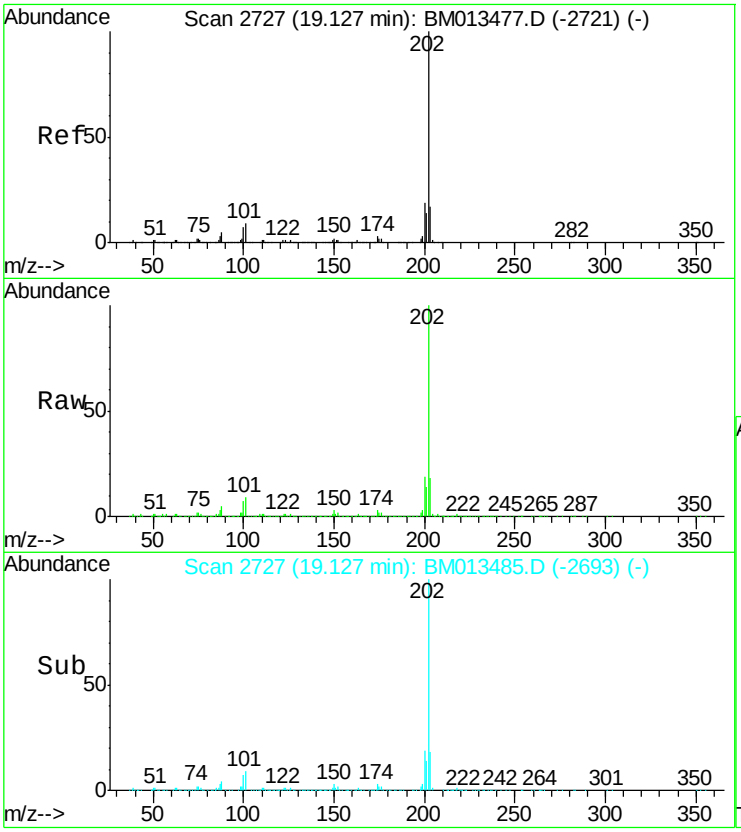


#72
Carbazole
Concen: 1.14 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion:167 Resp: 67633

Ion	Ratio	Lower	Upper
167	100		
166	22.7	17.1	25.7
139	12.9	10.0	15.0



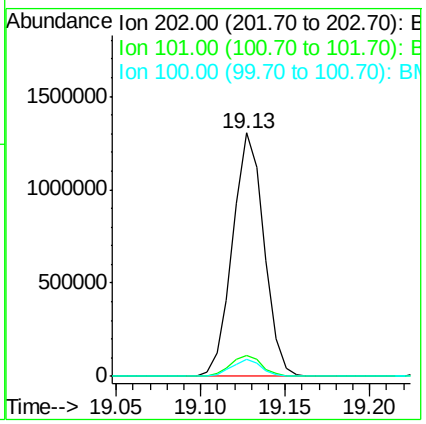


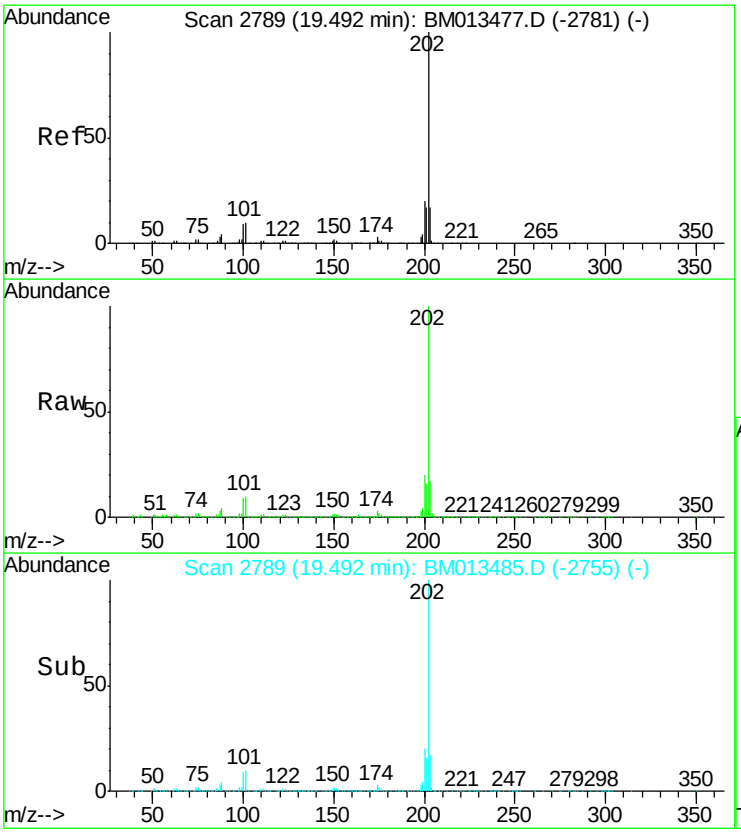
#74
Fluoranthene
Concen: 20.47 ng/ul
RT: 19.13 min Scan# 2727
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:202 Resp: 1689759

Ion	Ratio	Lower	Upper
202	100		
101	8.6	4.6	7.0#
100	6.9	3.4	5.2#

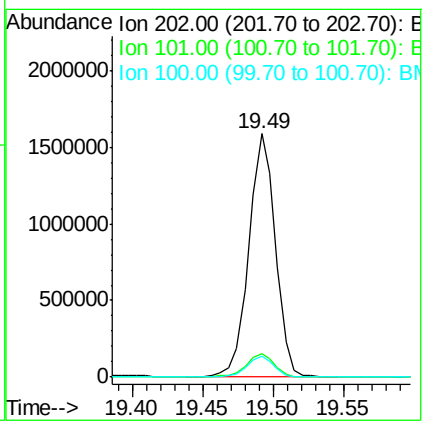


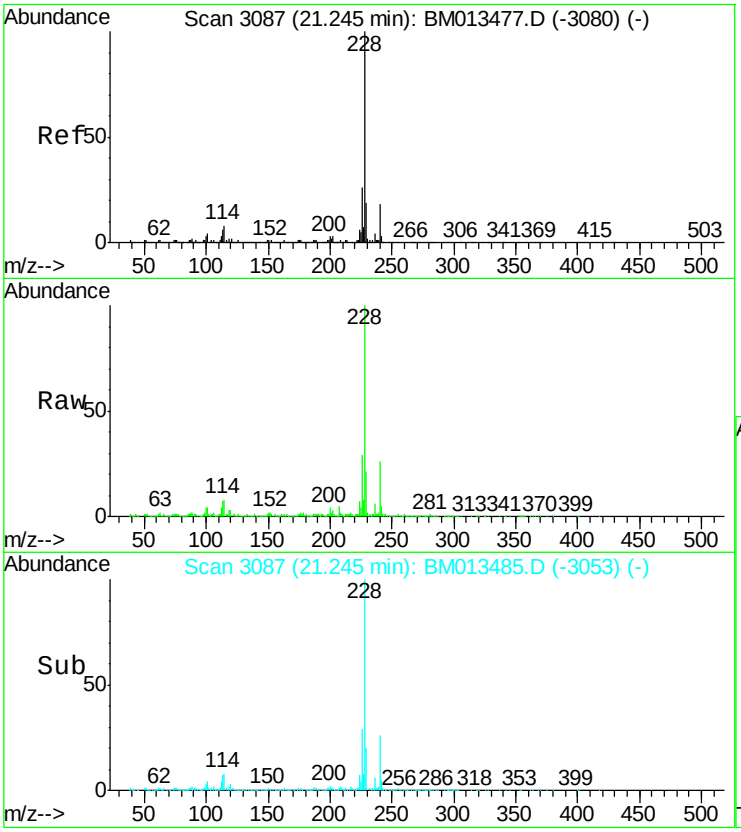


#77
Pyrene
Concen: 35.89 ng/ul
RT: 19.49 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion:202 Resp: 2107244

Ion	Ratio	Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.7	4.9	7.3#



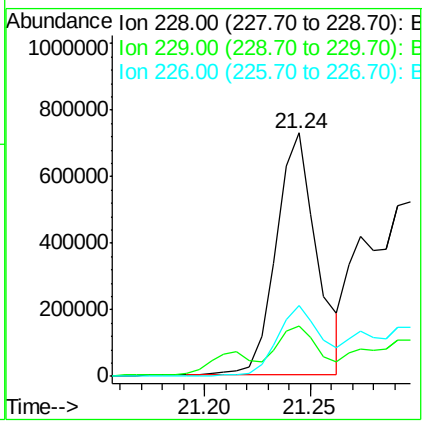


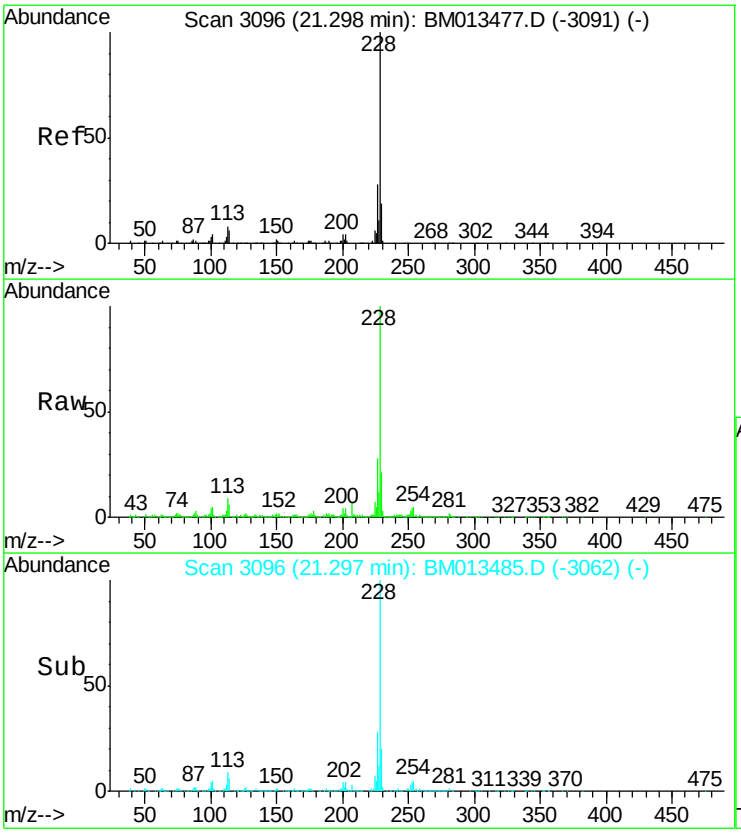
#80
Benzo(a)anthracene
Concen: 15.86 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:228 Resp: 972844

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	29.0	21.4	32.0

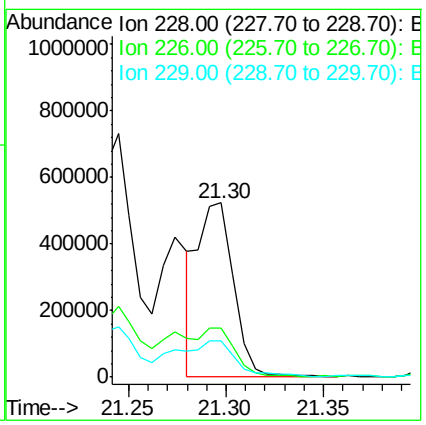


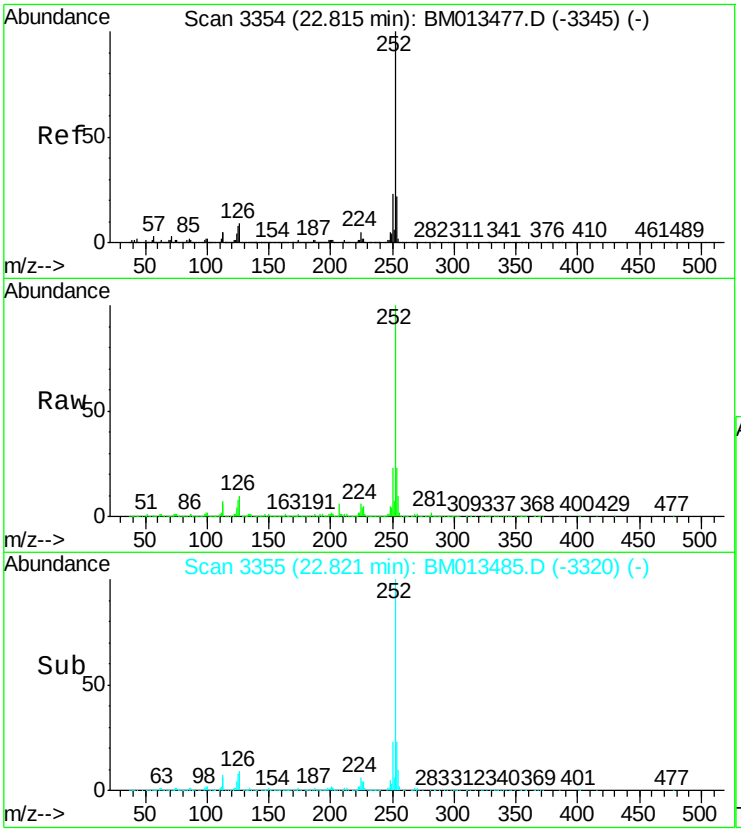


#82
Chrysene
Concen: 11.50 ng/ul
RT: 21.30 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion:228 Resp: 654295

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	20.8	15.5	23.3



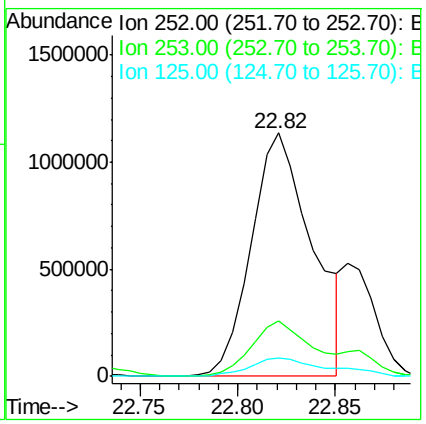


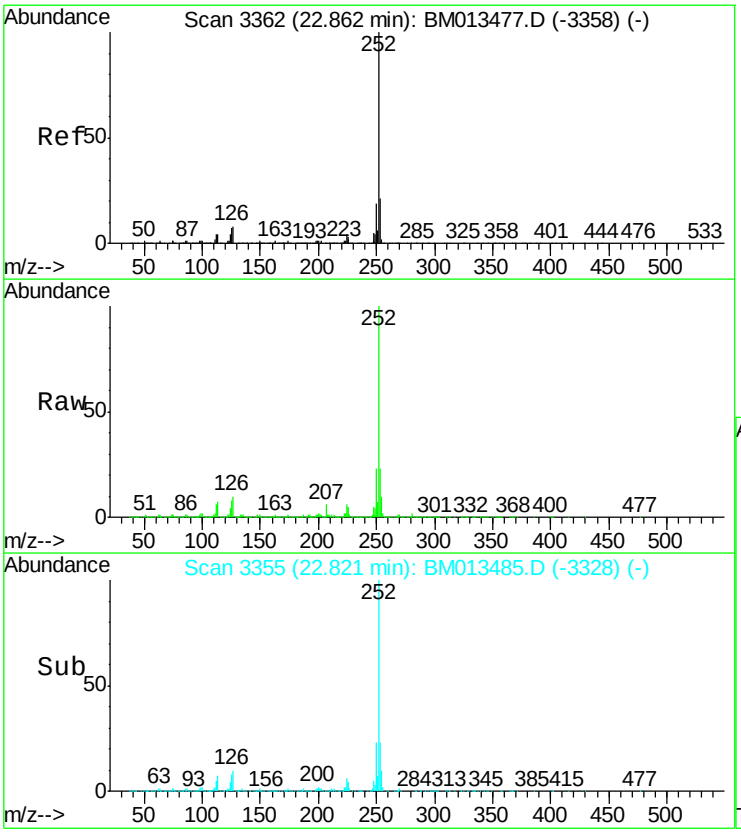
#85
Benzo(b)fluoranthene
Concen: 43.97 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. 0.01 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:252 Resp: 2442260

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	7.7	3.6	5.4#

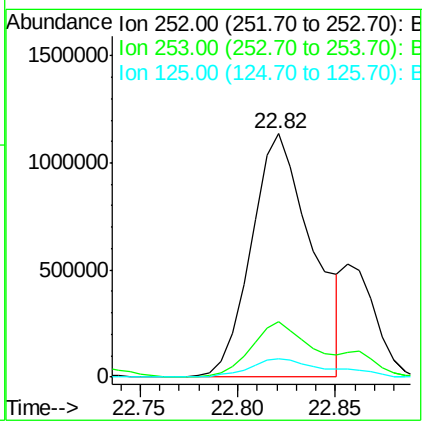


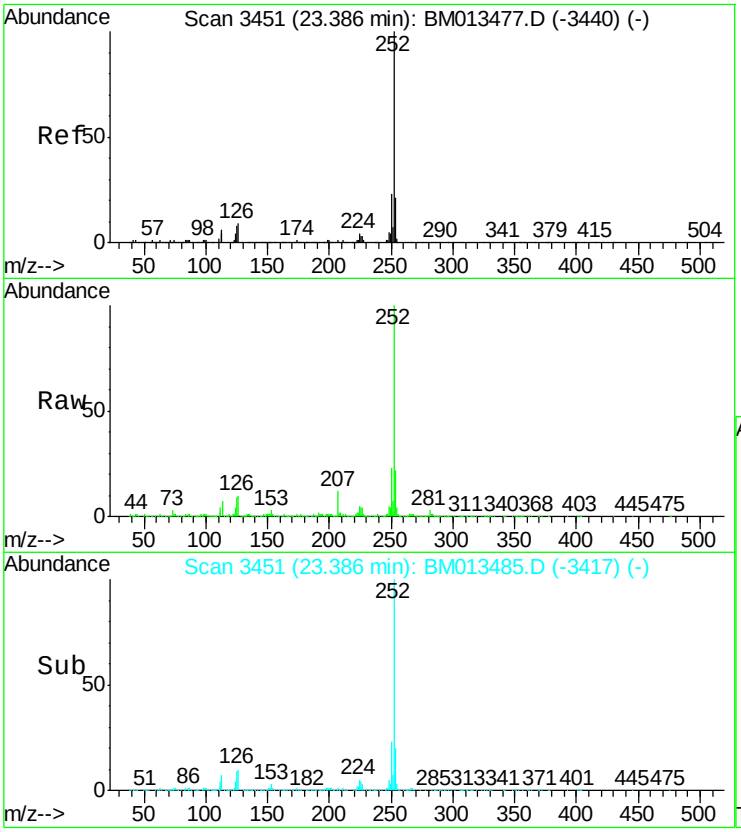


#86
Benzo(k)fluoranthene
Concen: 46.73 ng/ul
RT: 22.82 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion:252 Resp: 2442260

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	7.7	3.4	5.2#



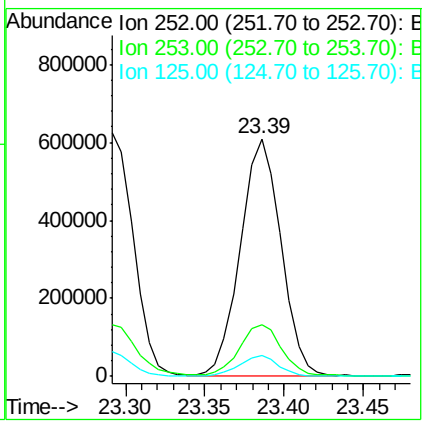


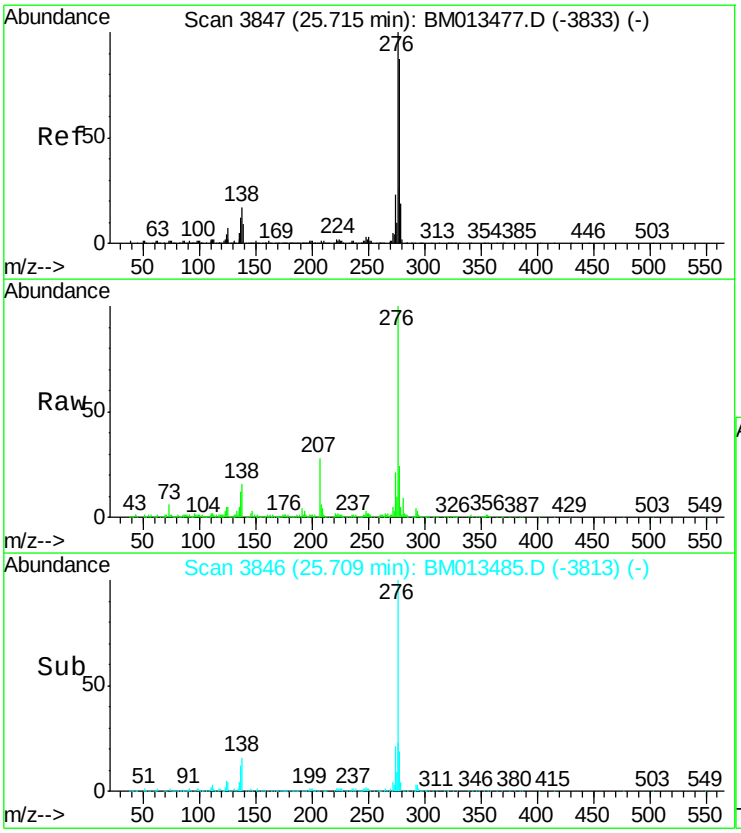
#88
Benzo(a)pyrene
Concen: 21.59 ng/ul
RT: 23.39 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:252 Resp: 1077028

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.9	4.0	6.0#

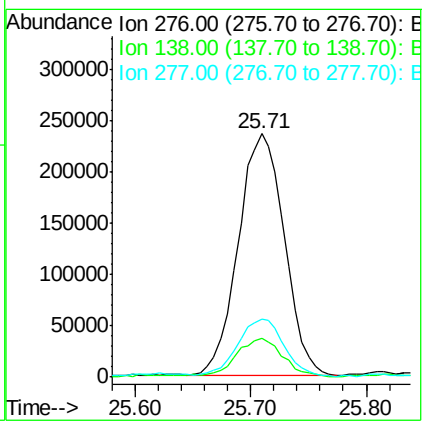


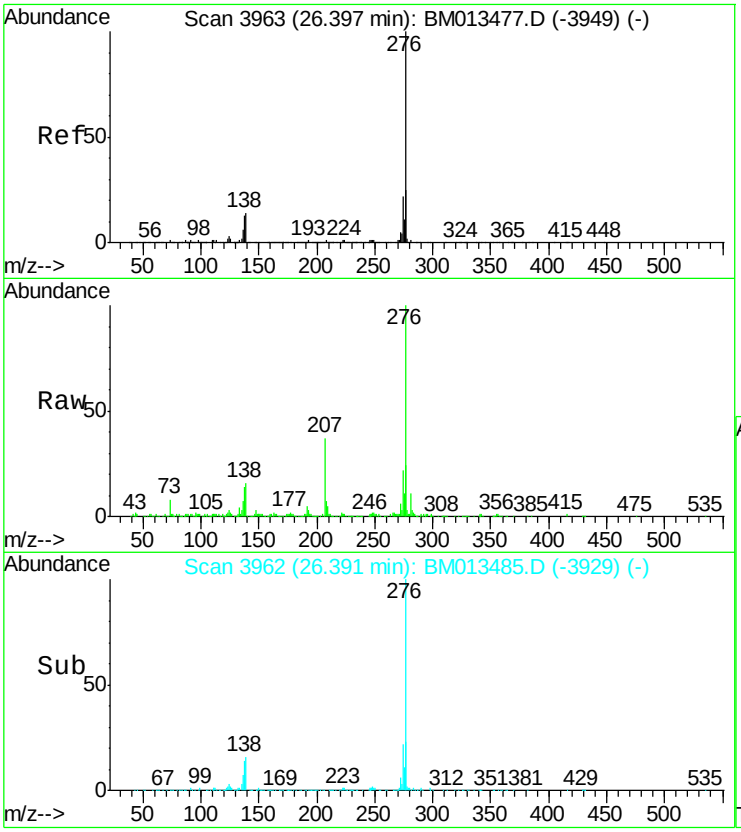


#89
Indeno(1,2,3-cd)pyrene
Concen: 13.21 ng/ul
RT: 25.71 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Tgt Ion:276 Resp: 654032

Ion	Ratio	Lower	Upper
276	100		
138	15.8	9.3	13.9#
277	23.8	19.9	29.9





#91
Benzo(g,h,i)perylene
Concen: 14.05 ng/ul
RT: 26.39 min Scan# 3962
Delta R.T. -0.01 min
Lab File: BM013485.D
Acq: 16 Dec 2017 20:09

Instrument :
BNA_M
ClientSampleId :
F9A47DL

Tgt Ion:276 Resp: 548765

Ion	Ratio	Lower	Upper
276	100		
138	16.1	8.5	12.7#
277	23.6	18.6	28.0