Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014593.D
Acq On : 16 Mar 2018 01:16
Operator : SJ/JU
Sample : J1904-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEL05

Quant Time: Mar 16 15:24:37 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:09:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	130643	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	516645	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	263141	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.89	188	460737	20.00	ng/ul	0.00
18) Chrysene-d12	21.11	240	423373	20.00	ng/ul	0.00
23) Perylene-d12	23.29	264	435479	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.88	165	212164	26.57	ng/ul	0.00
7) Acenaphthylene-d8	13.80	160	814385	28.96	ng/ul	0.00
10) Fluorene-d10	15.12	176	528593	28.69	ng/ul	0.00
15) Anthracene-d10	16.99	188	688512	31.22	ng/ul	0.00
19) Pyrene-d10	19.30	212	646385	25.40	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.15	264	611157	29.01	ng/ul	0.01
Target Compounds						Qvalue
4) Naphthalene	10.27	128	29171	1.112	ng/ul	99
5) 2-Methylnaphthalene	11.90	142	24679	1.344	ng/ul	97
8) Acenaphthylene	13.84	152	95538	3.660	ng/ul	98
14) Phenanthrene	16.93	178	200018	7.752	ng/ul	98
16) Anthracene	16.93	178	200018	7.755	ng/ul	99
17) Fluoranthene	18.96	202	359941	12.289	ng/ul#	98
20) Pyrene	19.33	202	411011	12.908	ng/ul#	96
21) Benzo(a)anthracene	21.10	228	231765	8.657	ng/ul#	81
22) Chrysene	21.15	228	266213	10.814	ng/ul#	91
24) Benzo(b)fluoranthene	22.64	252	413108	15.089	ng/ul#	89
25) Benzo(k)fluoranthene	22.64	252	413108	15.882	ng/ul#	87
27) Benzo(a)pyrene	23.20	252	267650	10.299	ng/ul#	87
28) Indeno(1,2,3-cd)pyrene	25.44	276	245793	8.218	ng/ul#	96
29) Dibenzo(a,h)anthracene	25.43	278	63149	2.522	ng/ul#	56
30) Benzo(g,h,i)perylene	26.11	276	289269	12.141	ng/ul#	96

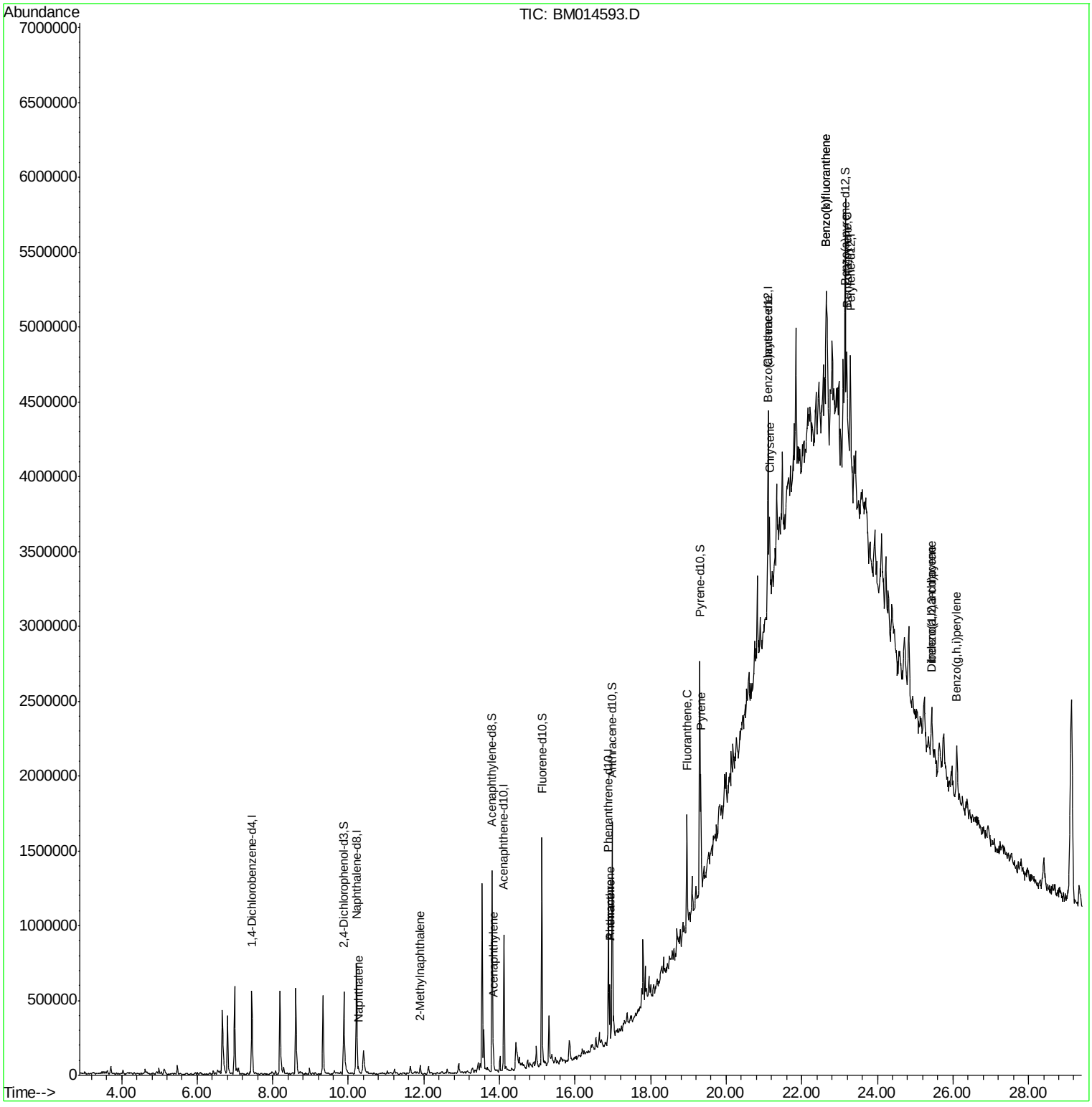
(#) = qualifier out of range (m) = manual integration (+) = signals summed

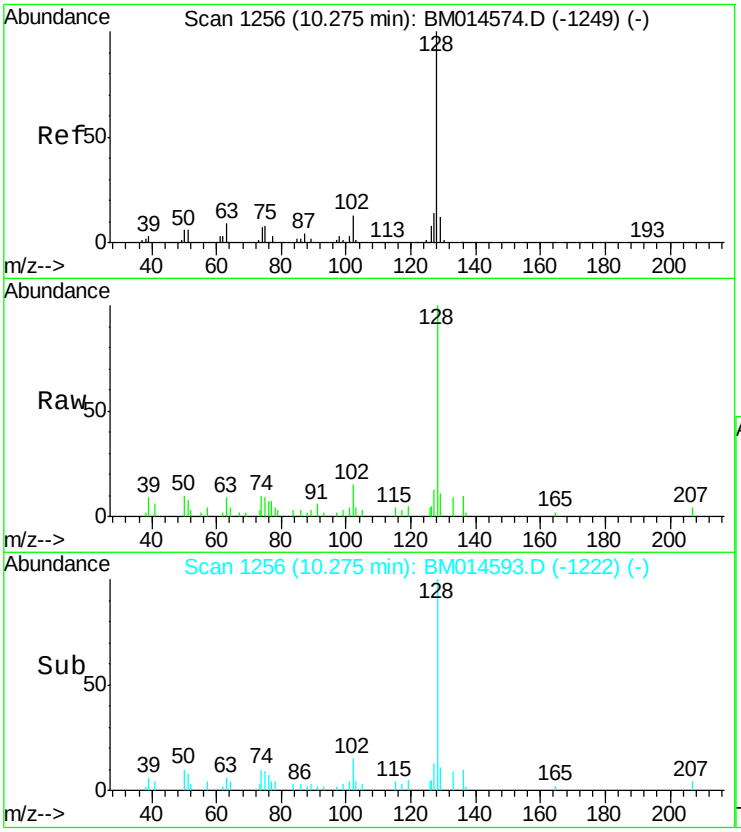
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM031518\
Data File : BM014593.D
Acq On : 16 Mar 2018 01:16
Operator : SJ/JU
Sample : J1904-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEL05

Quant Time: Mar 16 15:24:37 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 16 15:09:29 2018
Response via : Initial Calibration



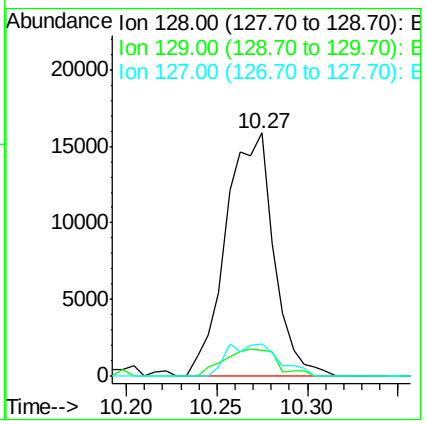


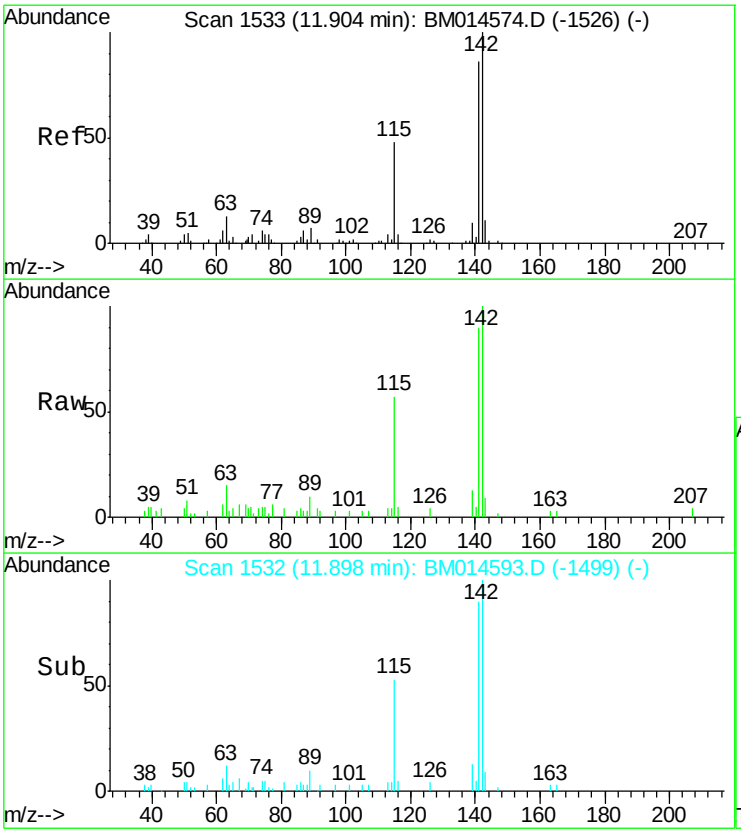
#4
Naphthalene
Concen: 1.112 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:128 Resp: 29171

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.8	13.2
127	13.2	10.6	16.0

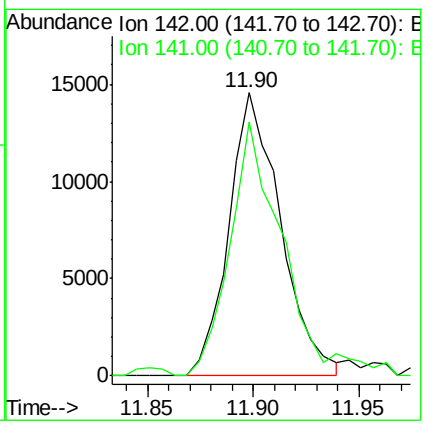


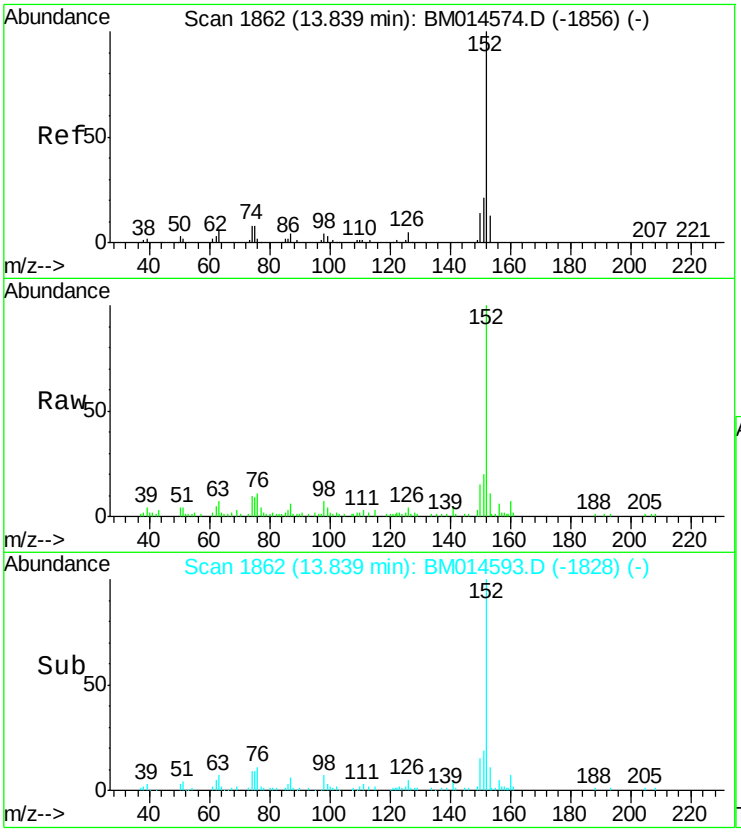


#5
2-Methylnaphthalene
Concen: 1.344 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Tgt Ion:142 Resp: 24679

Ion	Ratio	Lower	Upper
142	100		
141	89.9	74.1	111.1



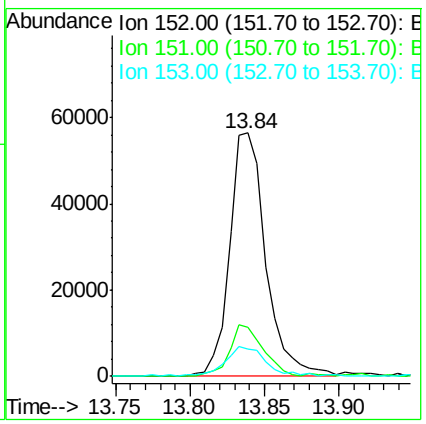


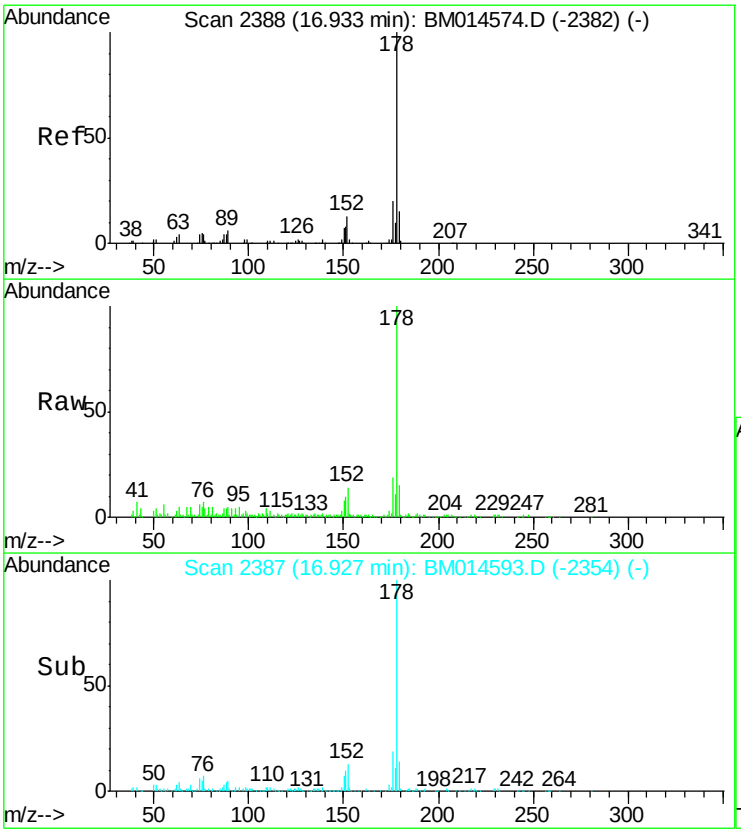
#8
Acenaphthylene
Concen: 3.660 ng/ul
RT: 13.84 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:152 Resp: 95538

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	11.4	10.2	15.4

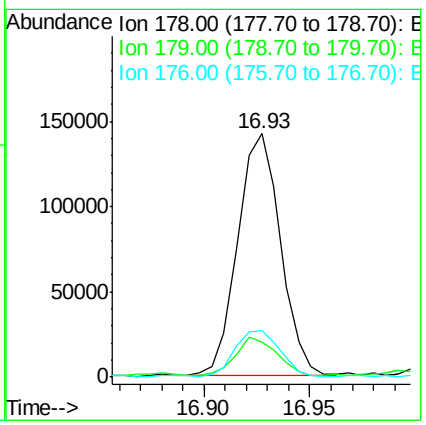


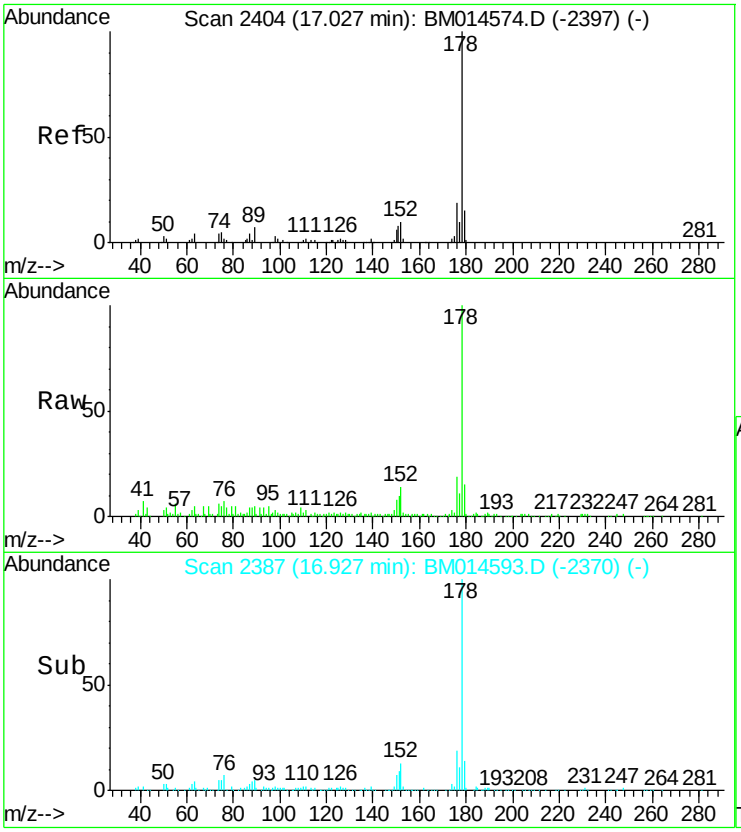


#14
Phenanthrene
Concen: 7.752 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Tgt Ion:178 Resp: 200018

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	19.3	14.9	22.3



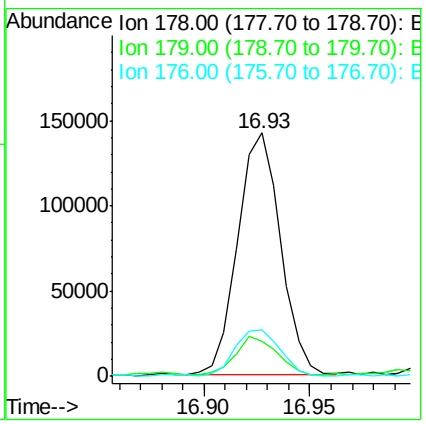


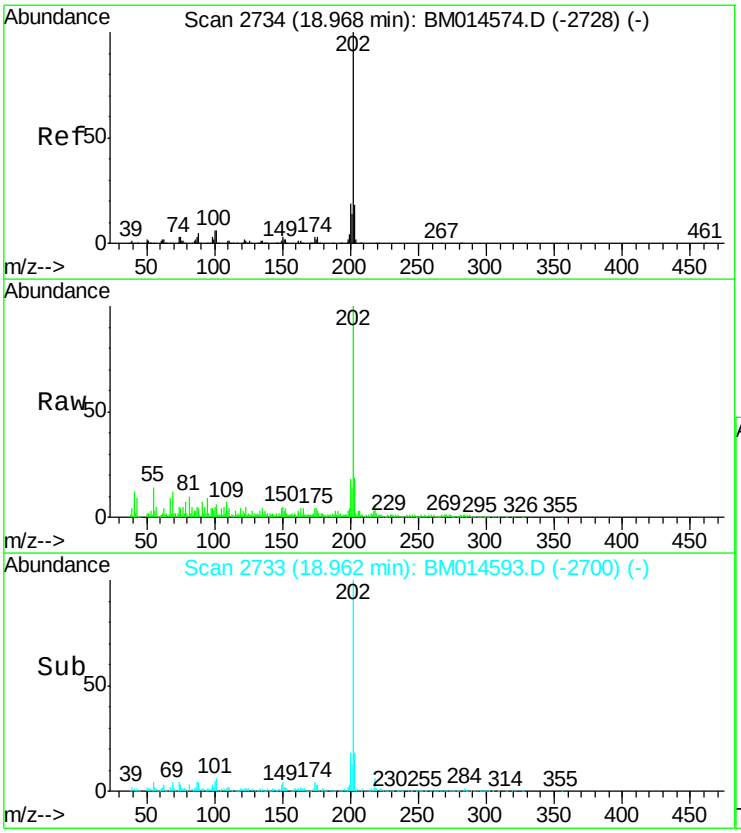
#16
Anthracene
Concen: 7.755 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.10 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:178 Resp: 200018

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.7	17.5
176	19.3	14.6	21.8

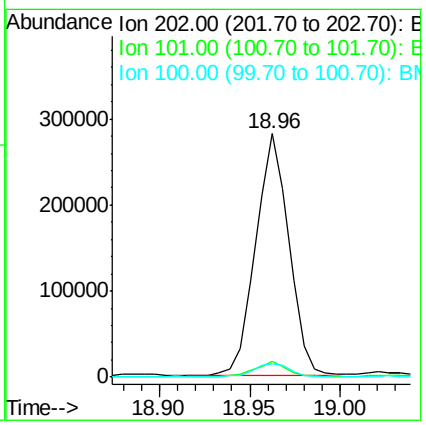


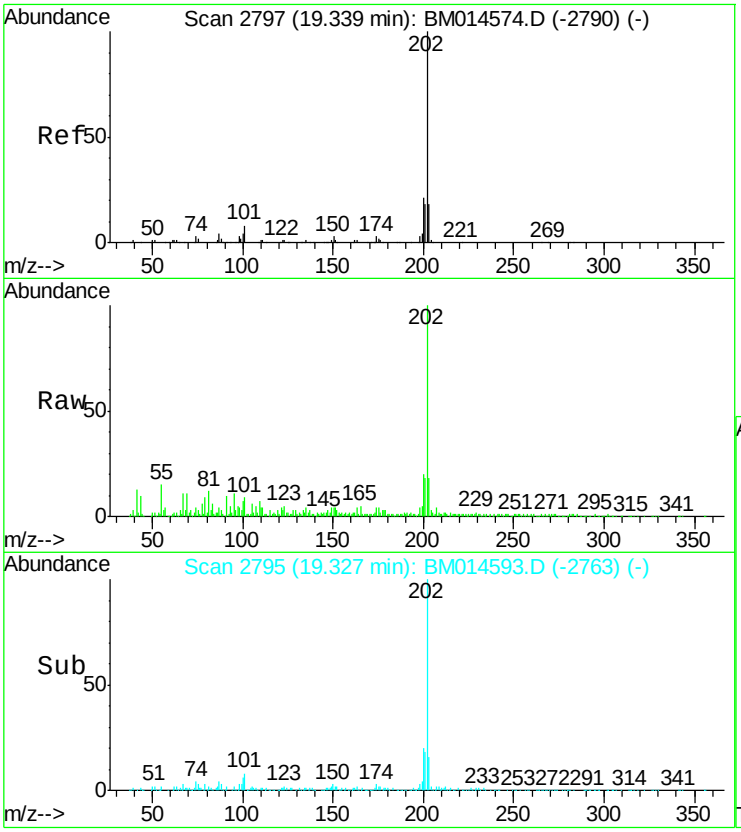


#17
Fluoranthene
Concen: 12.289 ng/ul
RT: 18.96 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Tgt Ion:202 Resp: 359941

Ion	Ratio	Lower	Upper
202	100		
101	6.3	4.6	7.0
100	5.4	3.4	5.2#



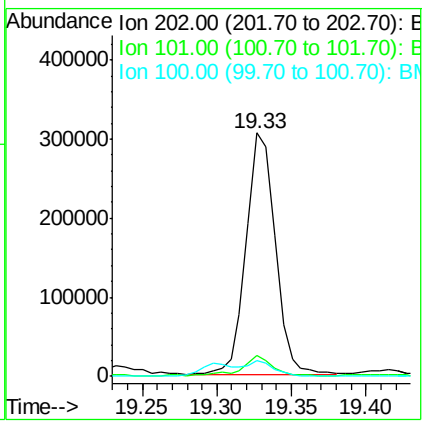


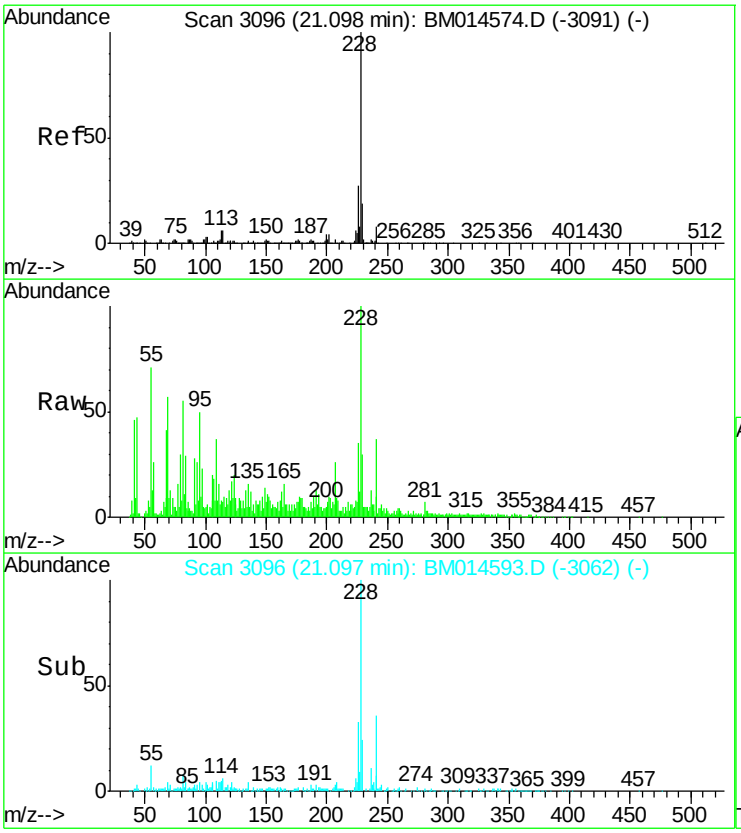
#20
Pyrene
Concen: 12.908 ng/ul
RT: 19.33 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:202 Resp: 411011

Ion	Ratio	Lower	Upper
202	100		
101	8.6	5.1	7.7#
100	6.5	4.9	7.3

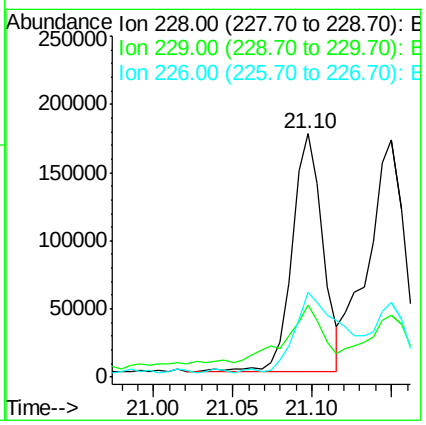


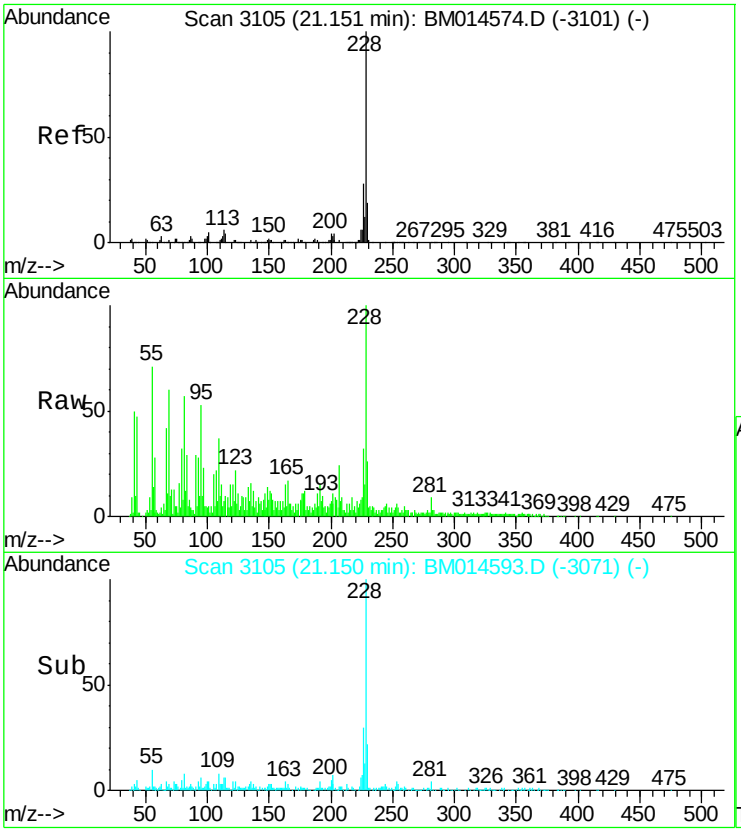


#21
Benzo(a)anthracene
Concen: 8.657 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Tgt Ion:228 Resp: 231765

Ion	Ratio	Lower	Upper
228	100		
229	29.5	15.4	23.0#
226	35.0	21.4	32.0#



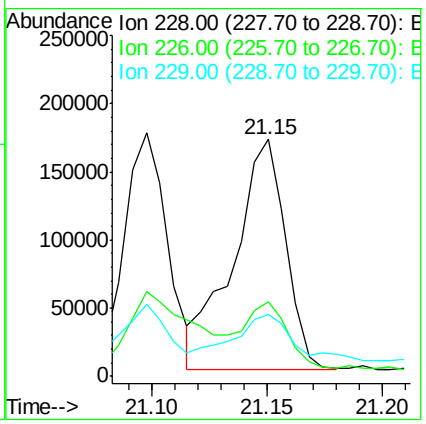


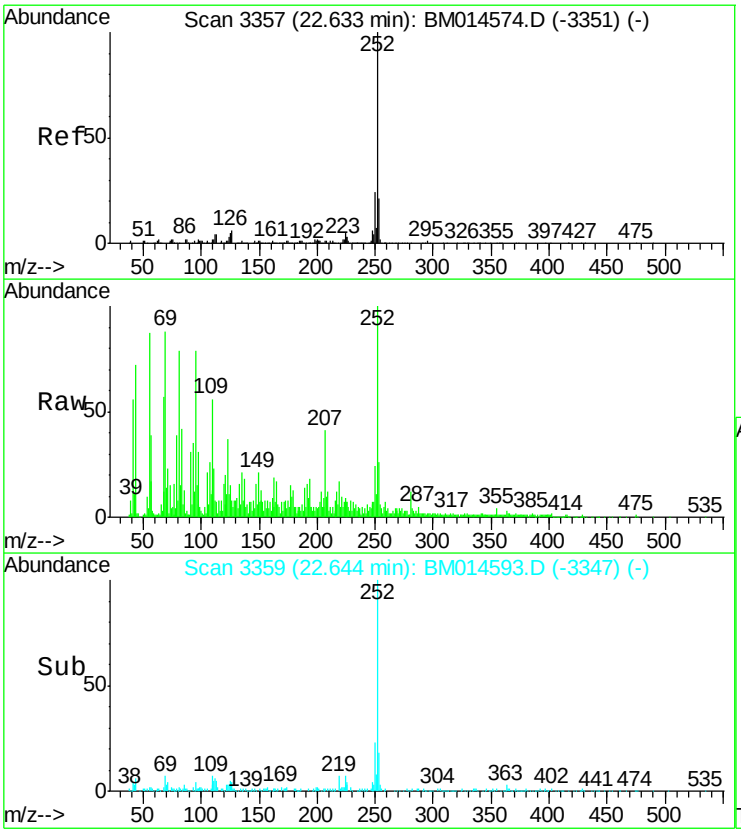
#22
Chrysene
Concen: 10.814 ng/ul
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:228 Resp: 266213

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.4	35.2
229	26.3	15.5	23.3#

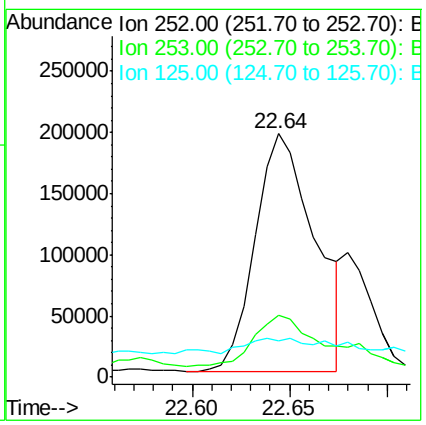


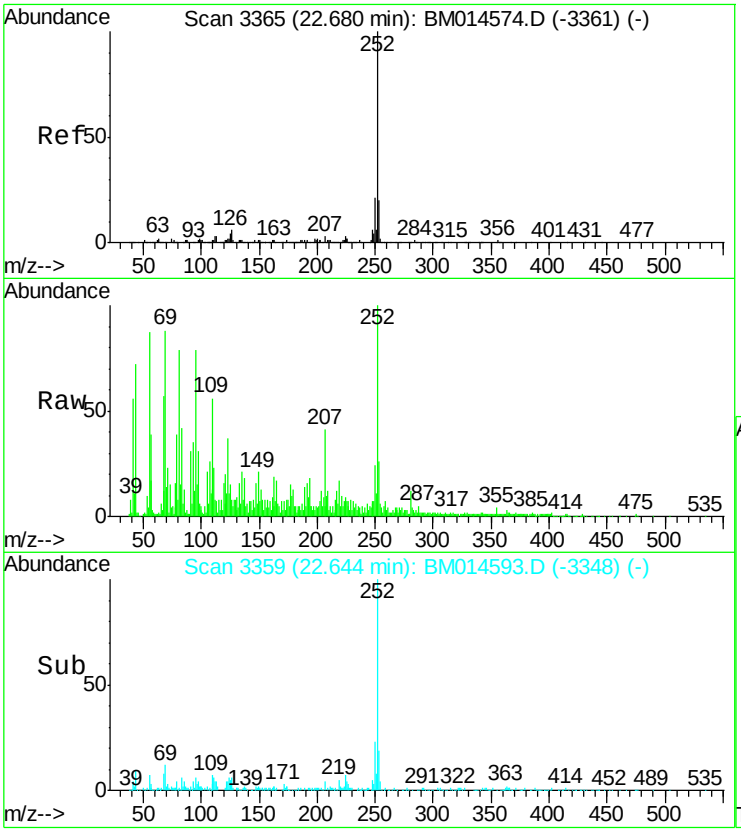


#24
Benzo(b)fluoranthene
Concen: 15.089 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. 0.01 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Tgt Ion:252 Resp: 413108

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.9	26.9
125	15.0	3.6	5.4#



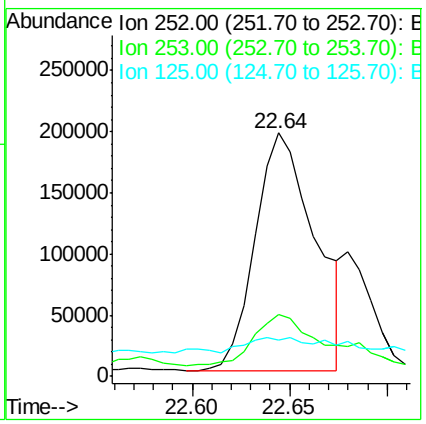


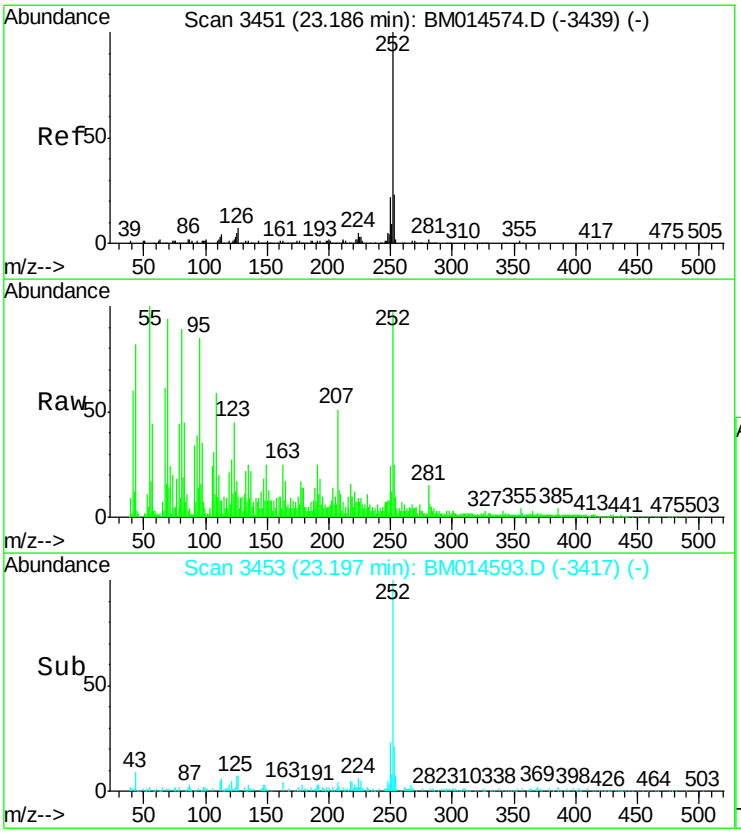
#25
Benzo(k)fluoranthene
Concen: 15.882 ng/ul
RT: 22.64 min Scan# 3359
Delta R.T. -0.04 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:252 Resp: 413108

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.1	25.7
125	15.0	3.4	5.2#

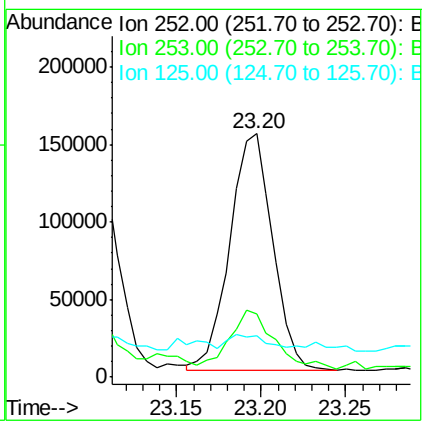


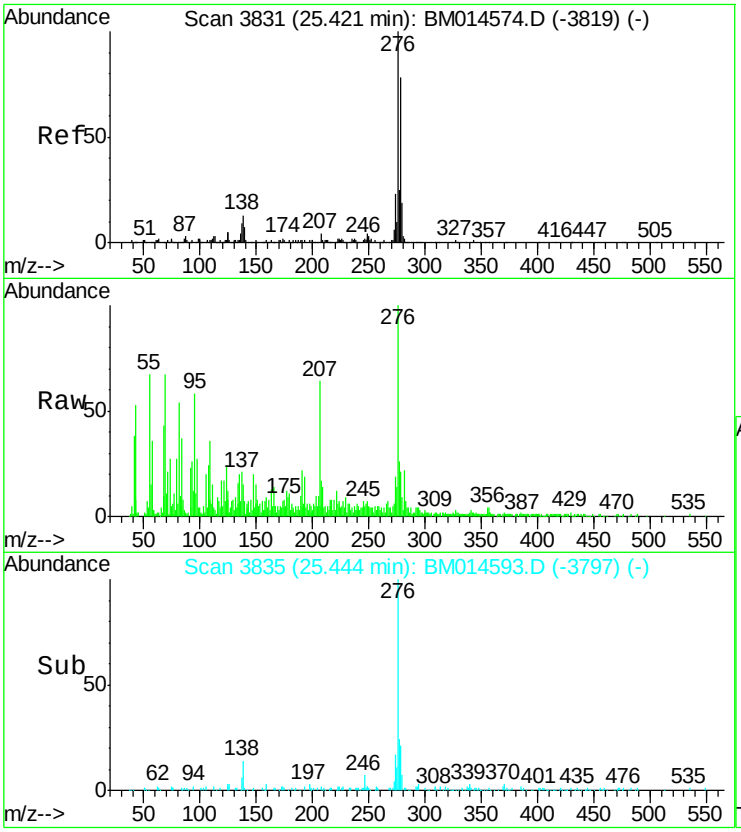


#27
Benzo(a)pyrene
Concen: 10.299 ng/ul
RT: 23.20 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Tgt Ion:252 Resp: 267650

Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.2	27.2
125	17.2	4.0	6.0#



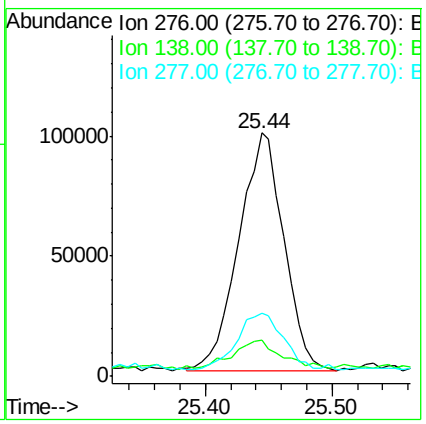


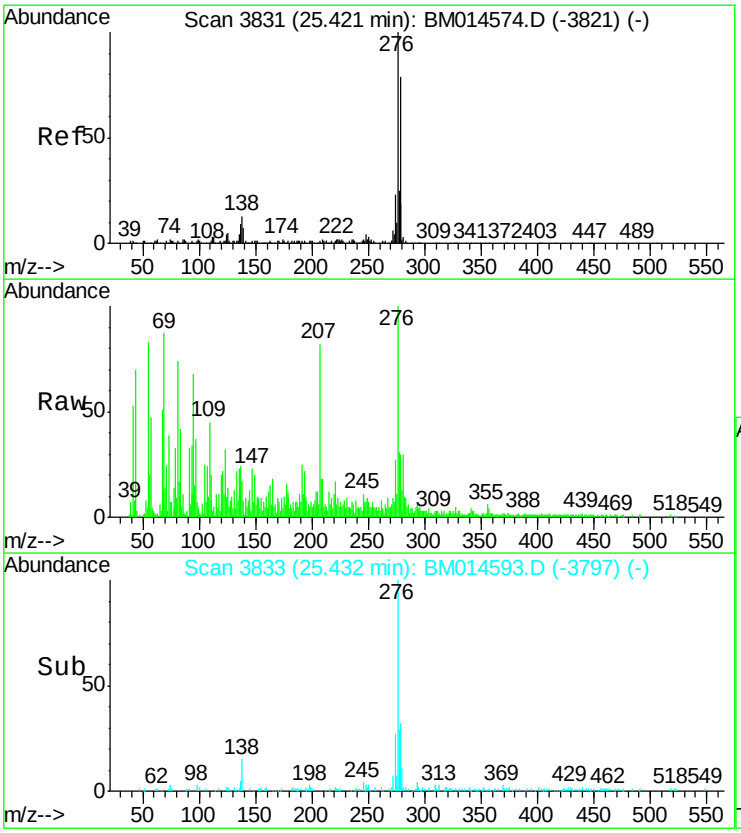
#28
Indeno(1,2,3-cd)pyrene
Concen: 8.218 ng/ul
RT: 25.44 min Scan# 3835
Delta R.T. 0.02 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:276 Resp: 245793

Ion	Ratio	Lower	Upper
276	100		
138	14.9	9.3	13.9#
277	25.9	19.9	29.9

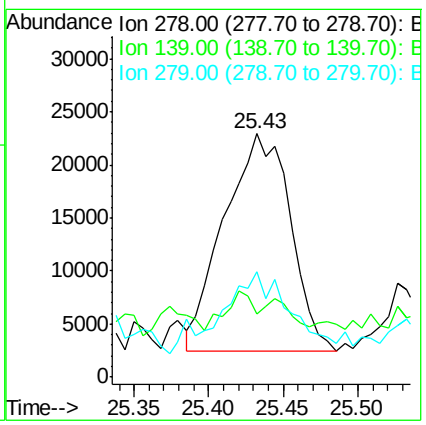


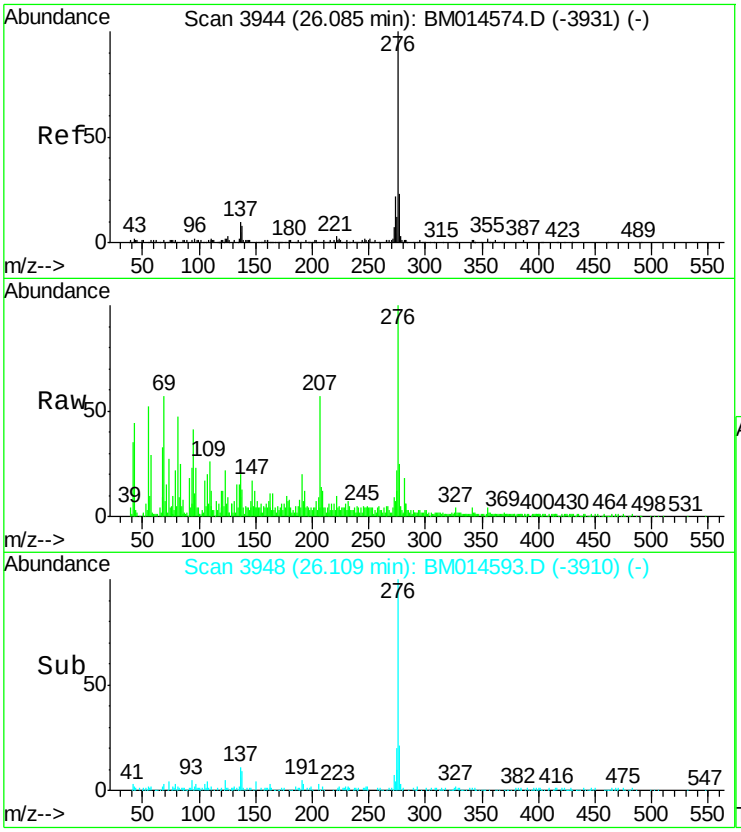


#29
Dibenzo(a,h)anthracene
Concen: 2.522 ng/ul
RT: 25.43 min Scan# 3833
Delta R.T. 0.01 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Tgt Ion:278 Resp: 63149

Ion	Ratio	Lower	Upper
278	100		
139	26.0	5.8	8.8#
279	43.0	18.6	27.8#





#30
Benzo(g,h,i)perylene
Concen: 12.141 ng/ul
RT: 26.11 min Scan# 3948
Delta R.T. 0.02 min
Lab File: BM014593.D
Acq: 16 Mar 2018 01:16

Instrument :
BNA_M
ClientSampleId :
BEL05

Tgt Ion:276 Resp: 289269

Ion	Ratio	Lower	Upper
276	100		
138	12.9	8.5	12.7#
277	24.8	18.6	28.0