Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 22 01:29:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	82360	20.00	ng/ul	0.00
2) Naphthalene-d8	10.22	136	329803	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.12	164	179954	20.00	ng/ul	0.00
12) Phenanthrene-d10	16.99	188	325287	20.00	ng/ul	0.10
18) Chrysene-d12	21.12	240	190690	20.00	ng/ul	0.00
23) Perylene-d12	23.27	264	182131	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	9.87	165	103287	20.26	ng/ul	0.00
7) Acenaphthylene-d8	13.80	160	377130	19.61	ng/ul	0.00
10) Fluorene-d10	15.13	176	248912	19.76	ng/ul	0.00
15) Anthracene-d10	16.99	188	325287	20.89	ng/ul	0.00
19) Pyrene-d10	19.30	212	280536	24.47	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.14	264	166057	18.85	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.26	128	324134	19.351	ng/ul	97
5) 2-Methylnaphthalene	11.89	142	230037	19.626	ng/ul	94
8) Acenaphthylene	13.84	152	344410	19.294	ng/ul	99
9) Acenaphthene	14.18	153	233601	19.122	ng/ul	100
11) Fluorene	15.18	166	276439	19.096	ng/ul	95
14) Phenanthrene	17.02	178	378275	20.765	ng/ul	100
16) Anthracene	17.02	178	378275	20.773	ng/ul	98
17) Fluoranthene	18.96	202	382019	18.474	ng/ul	98
20) Pyrene	19.33	202	339017	23.639	ng/ul	99
21) Benzo(a)anthracene	21.10	228	238050	19.741	ng/ul	95
22) Chrysene	21.15	228	216327	19.510	ng/ul	97
24) Benzo(b)fluoranthene	22.63	252	222533	19.434	ng/ul	96
25) Benzo(k)fluoranthene	22.67	252	201345	18.508	ng/ul	98
27) Benzo(a)pyrene	23.19	252	203647	18.737	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	25.43	276	253938	20.300	ng/ul	94
29) Dibenzo(a,h)anthracene	25.43	278	212670	20.312	ng/ul	99
30) Benzo(g,h,i)perylene	26.09	276	202730	20.345	ng/ul#	93

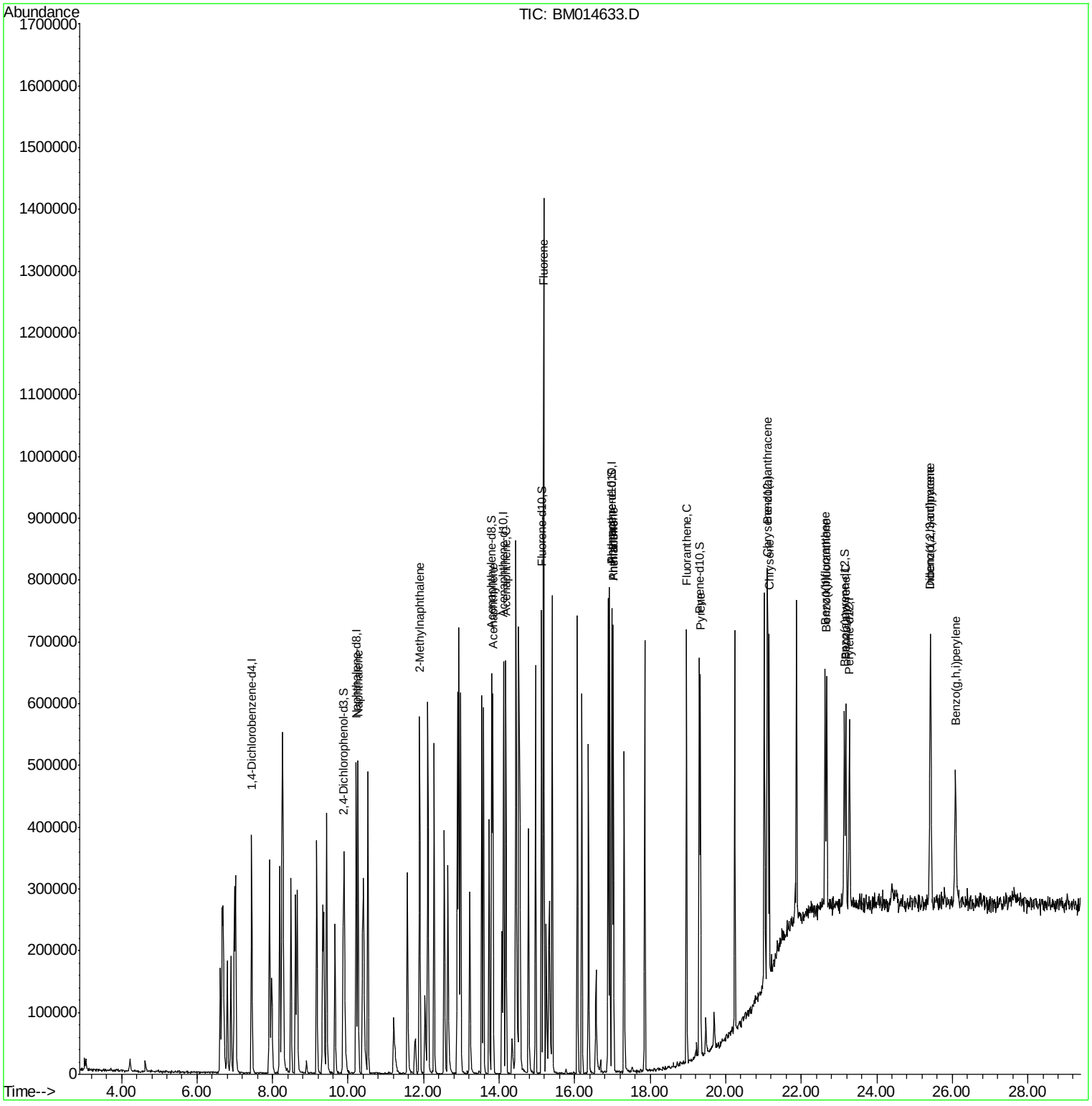
(#) = qualifier out of range (m) = manual integration (+) = signals summed

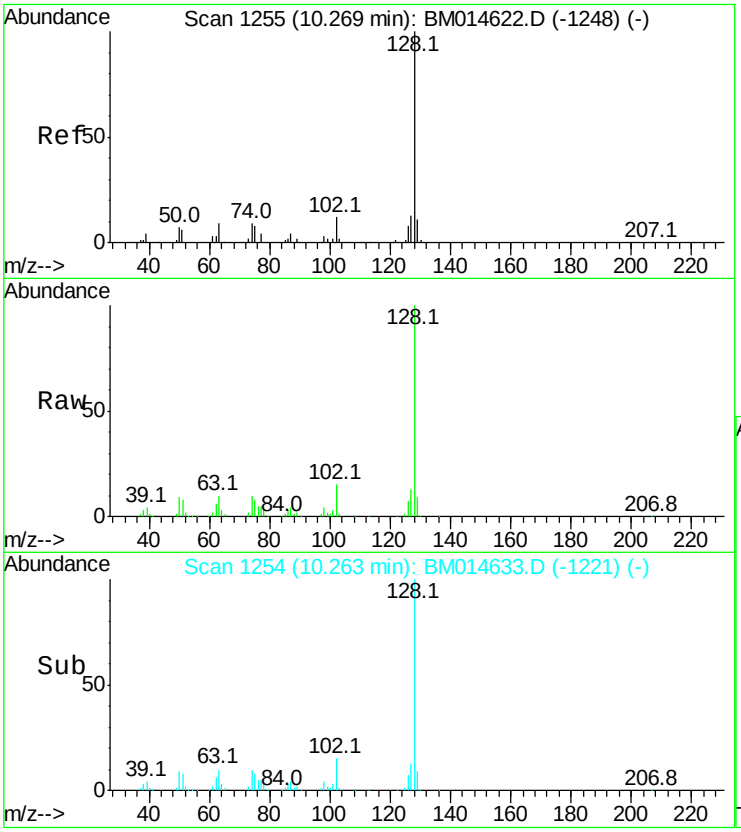
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM032118\
Data File : BM014633.D
Acq On : 21 Mar 2018 10:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 22 01:29:58 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031518-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 17 03:22:03 2018
Response via : Initial Calibration



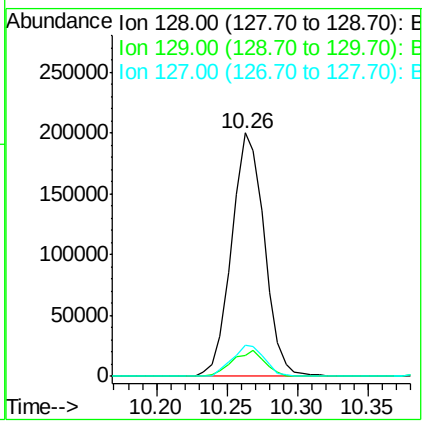


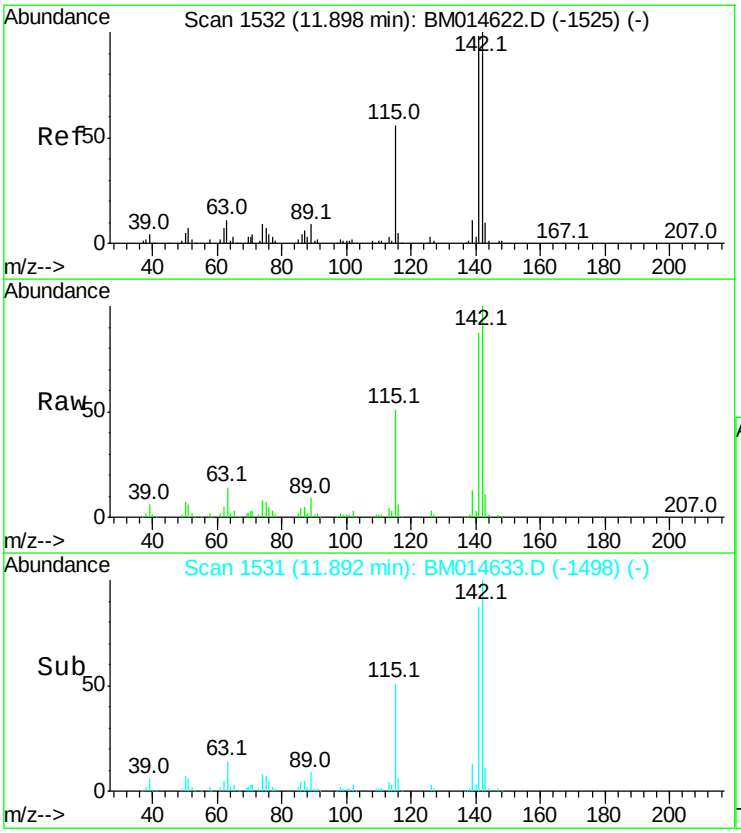
#4
Naphthalene
Concen: 19.351 ng/ul
RT: 10.26 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 324134

Ion	Ratio	Lower	Upper
128	100		
129	8.8	8.8	13.2
127	12.9	10.6	16.0

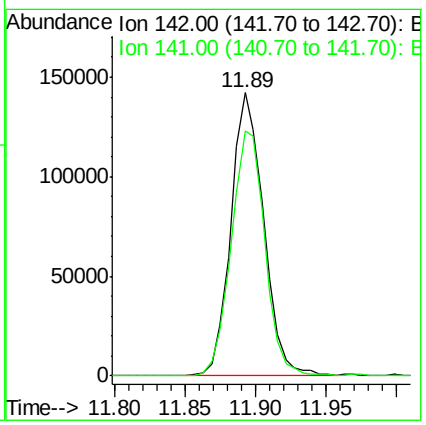


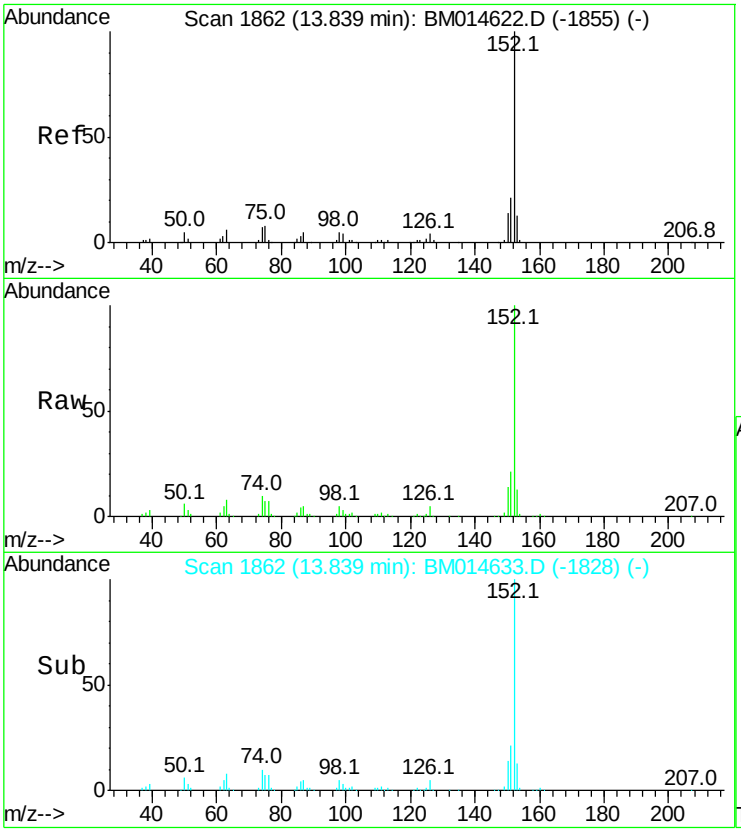


#5
2-Methylnaphthalene
Concen: 19.626 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:142 Resp: 230037

Ion	Ratio	Lower	Upper
142	100		
141	86.6	74.1	111.1



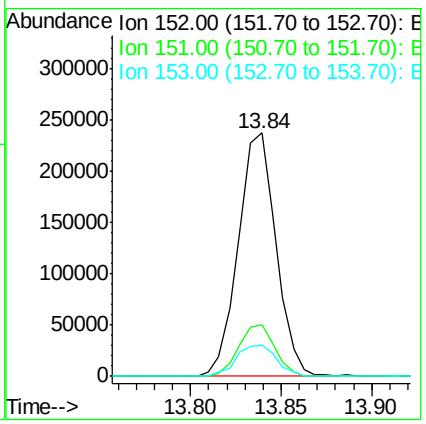


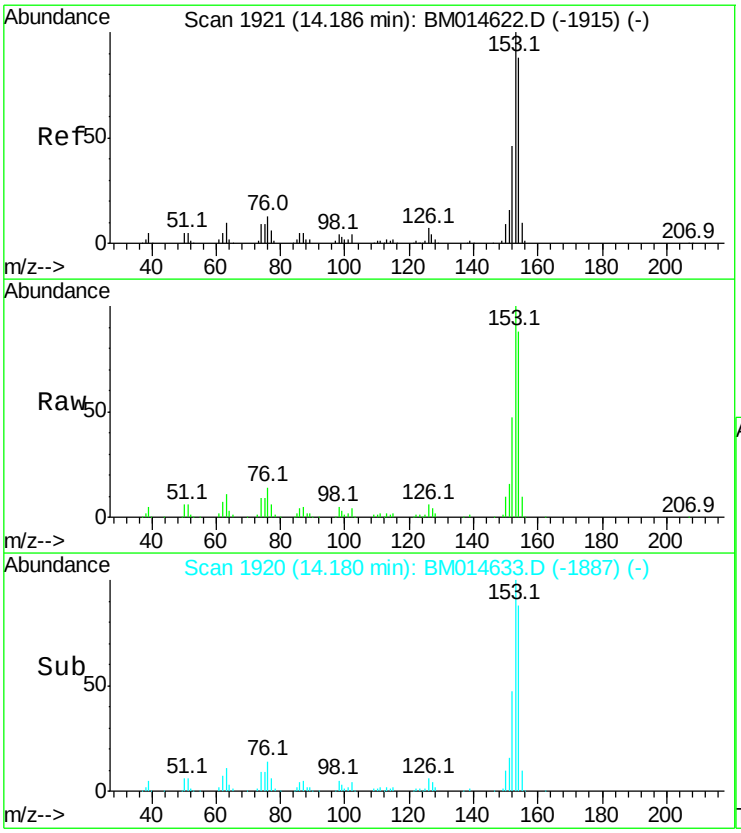
#8
Acenaphthylene
Concen: 19.294 ng/ul
RT: 13.84 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 344410

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.3	24.5
153	13.0	10.2	15.4

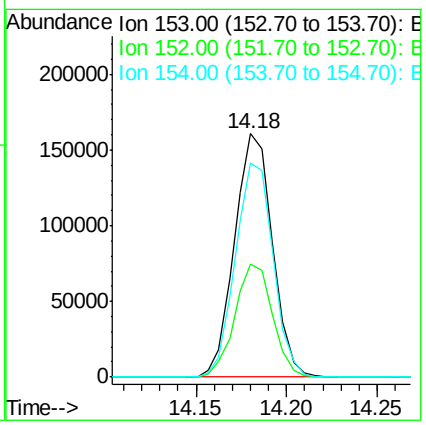


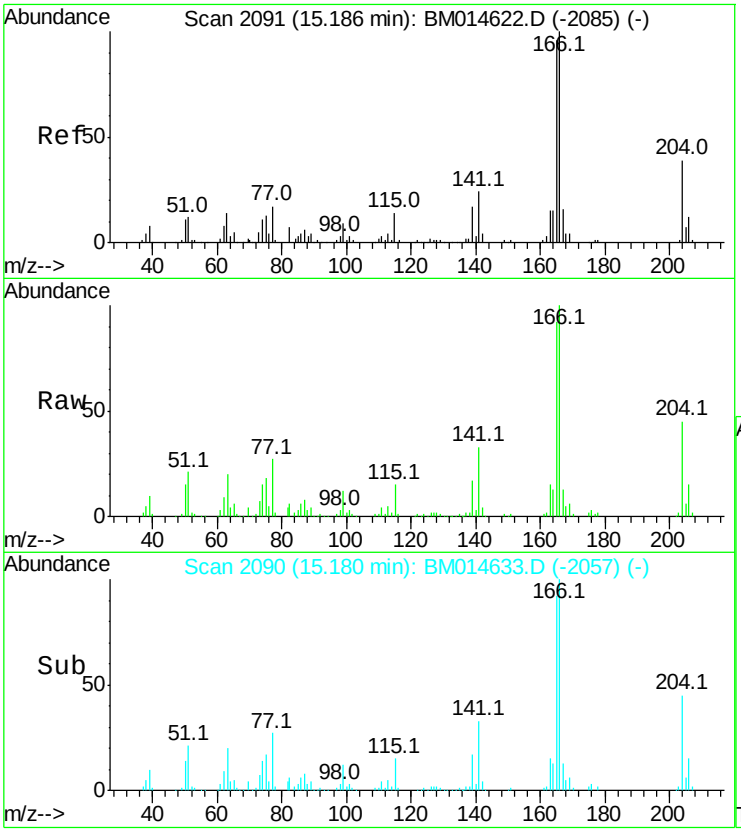


#9
Acenaphthene
Concen: 19.122 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:153 Resp: 233601

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.6	56.4
154	87.8	70.4	105.6



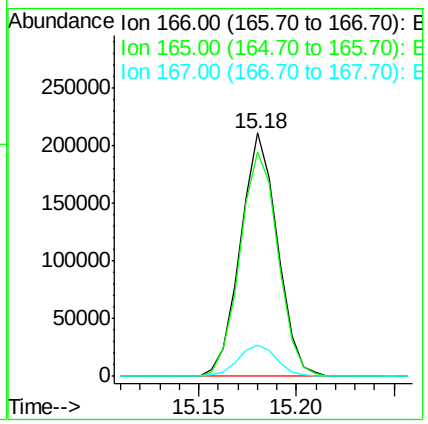


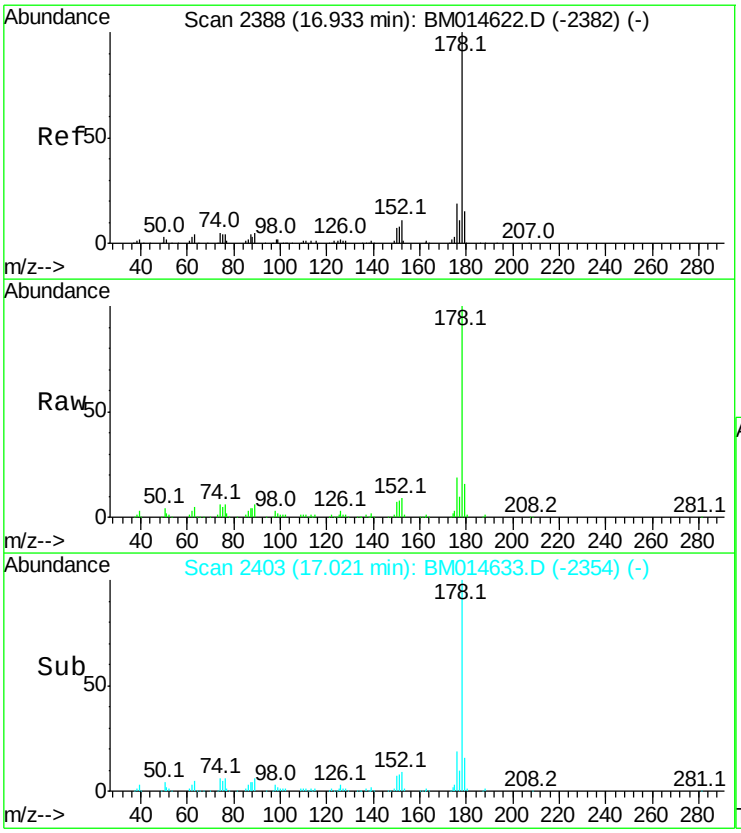
#11
Fluorene
Concen: 19.096 ng/ul
RT: 15.18 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 276439

Ion	Ratio	Lower	Upper
166	100		
165	92.3	77.9	116.9
167	13.0	10.6	16.0

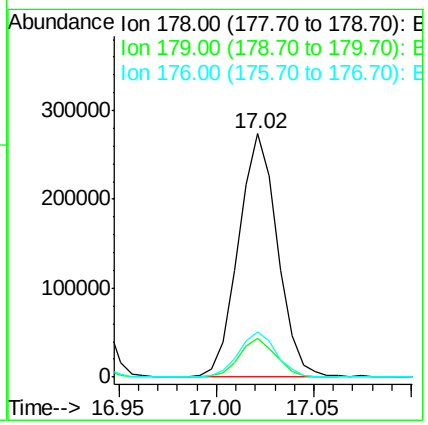


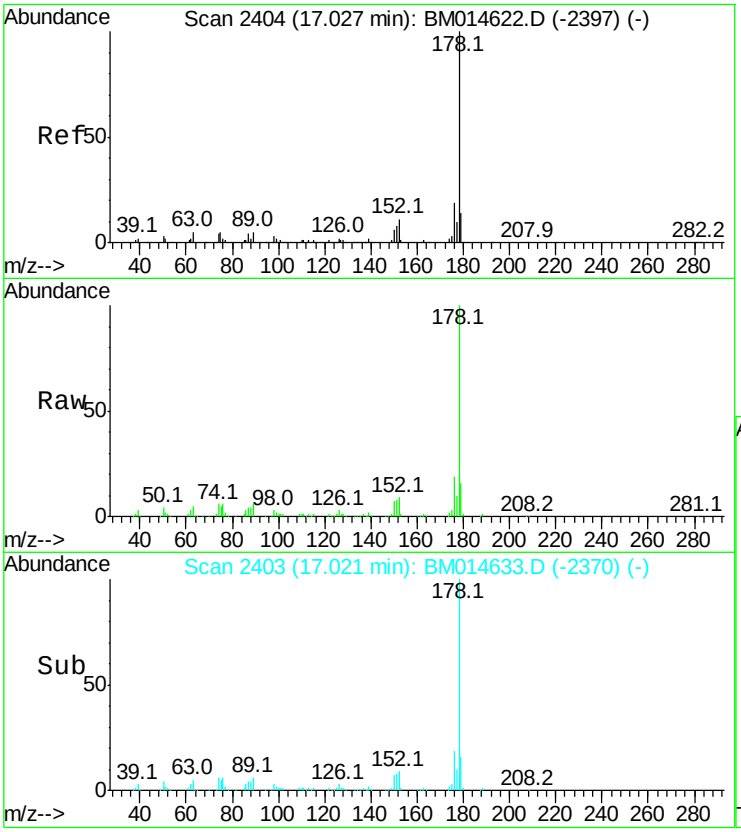


#14
Phenanthrene
Concen: 20.765 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. 0.09 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:178 Resp: 378275

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.6	19.0
176	18.7	14.9	22.3



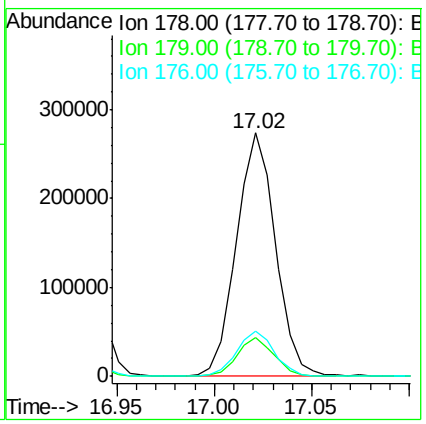


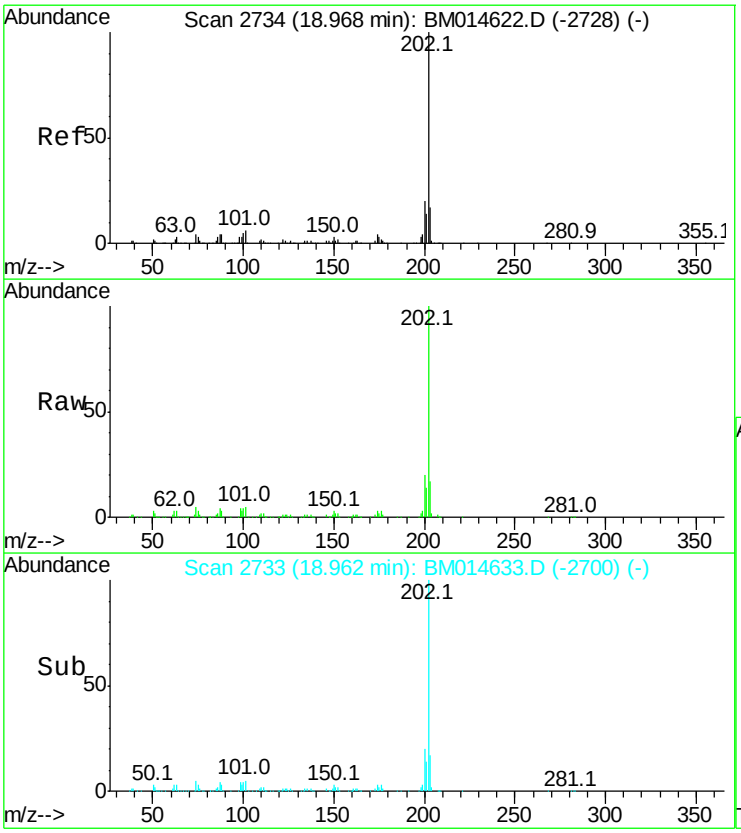
#16
Anthracene
Concen: 20.773 ng/ul
RT: 17.02 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 378275

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.7	14.6	21.8

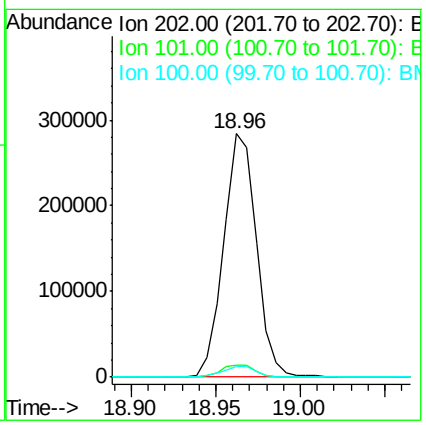


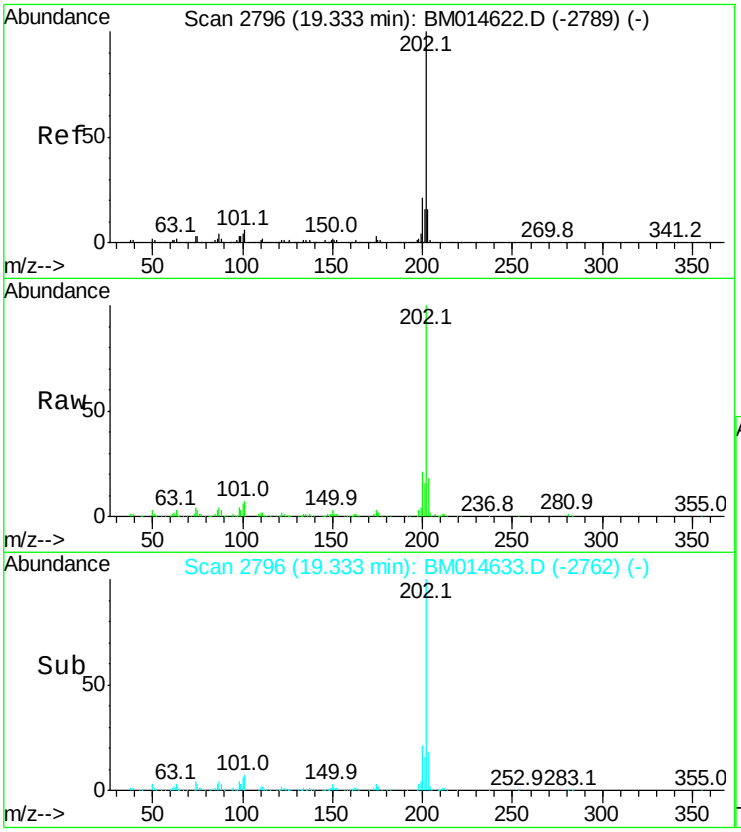


#17
Fluoranthene
Concen: 18.474 ng/ul
RT: 18.96 min Scan# 2733
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:202 Resp: 382019

Ion	Ratio	Lower	Upper
202	100		
101	4.7	4.6	7.0
100	4.4	3.4	5.2



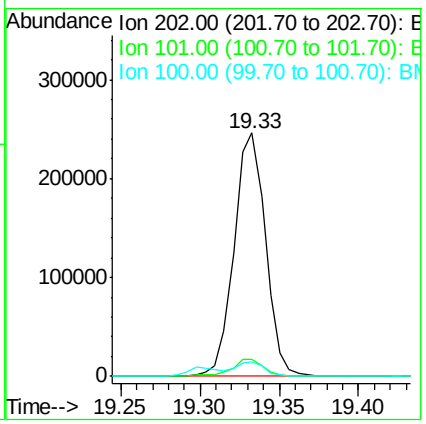


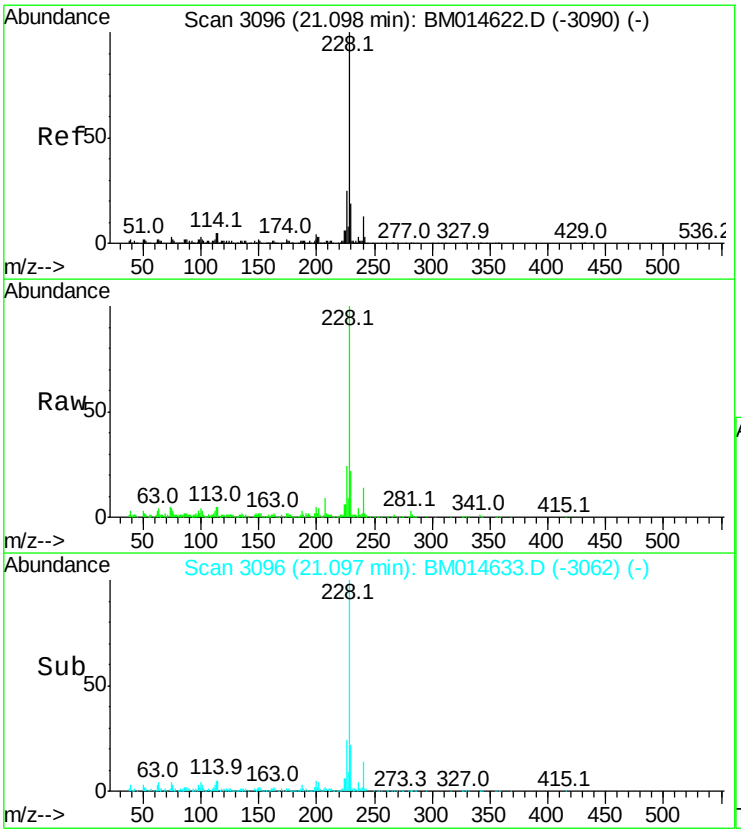
#20
Pyrene
Concen: 23.639 ng/ul
RT: 19.33 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 339017

Ion	Ratio	Lower	Upper
202	100		
101	6.9	5.1	7.7
100	5.7	4.9	7.3

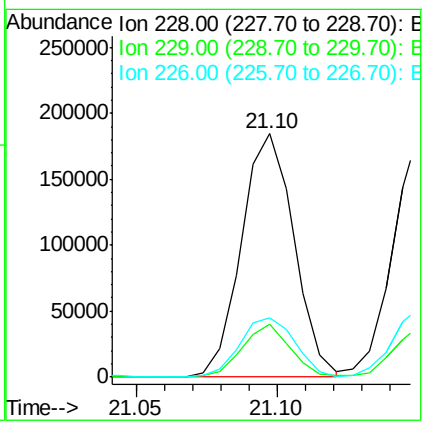


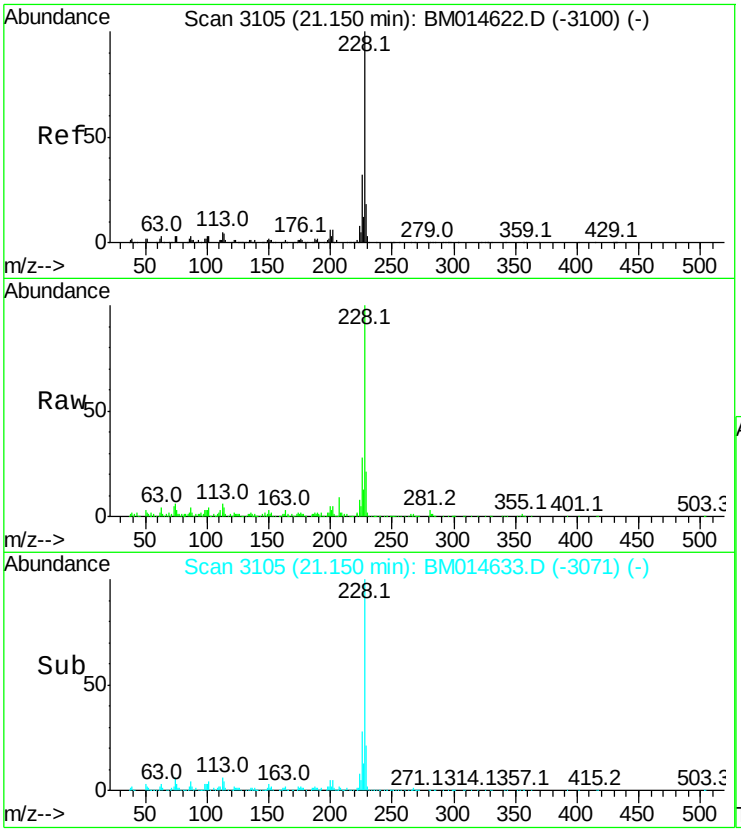


#21
Benzo(a)anthracene
Concen: 19.741 ng/ul
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:228 Resp: 238050

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.4	23.0
226	24.3	21.4	32.0



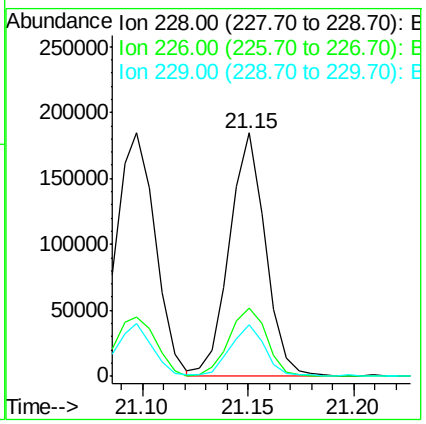


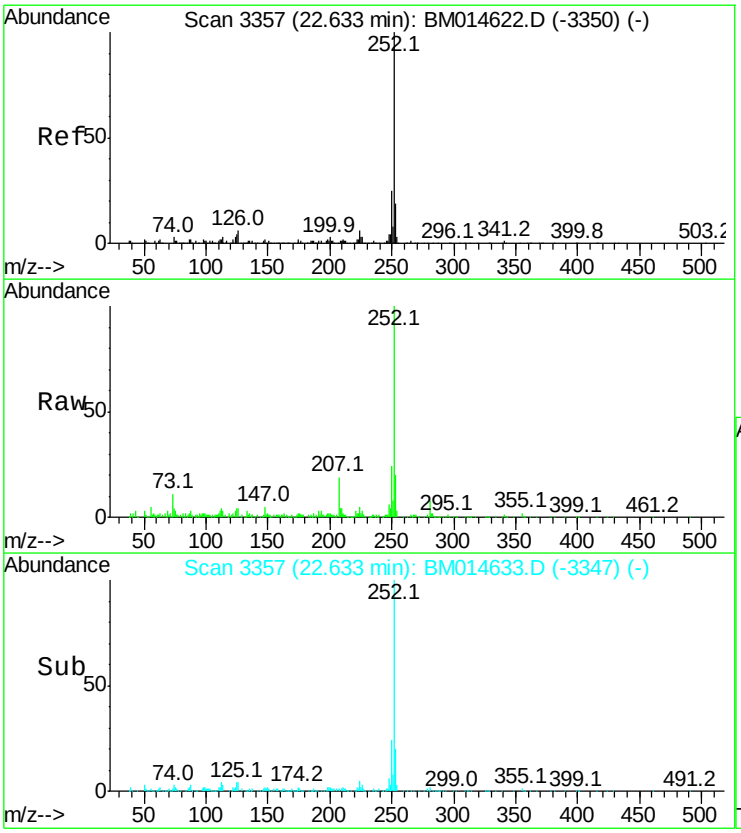
#22
Chrysene
Concen: 19.510 ng/ul
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 216327

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.4	35.2
229	21.2	15.5	23.3

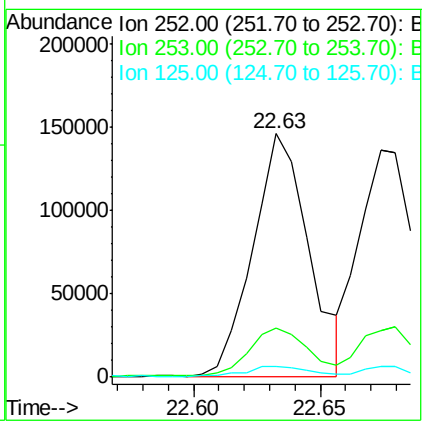


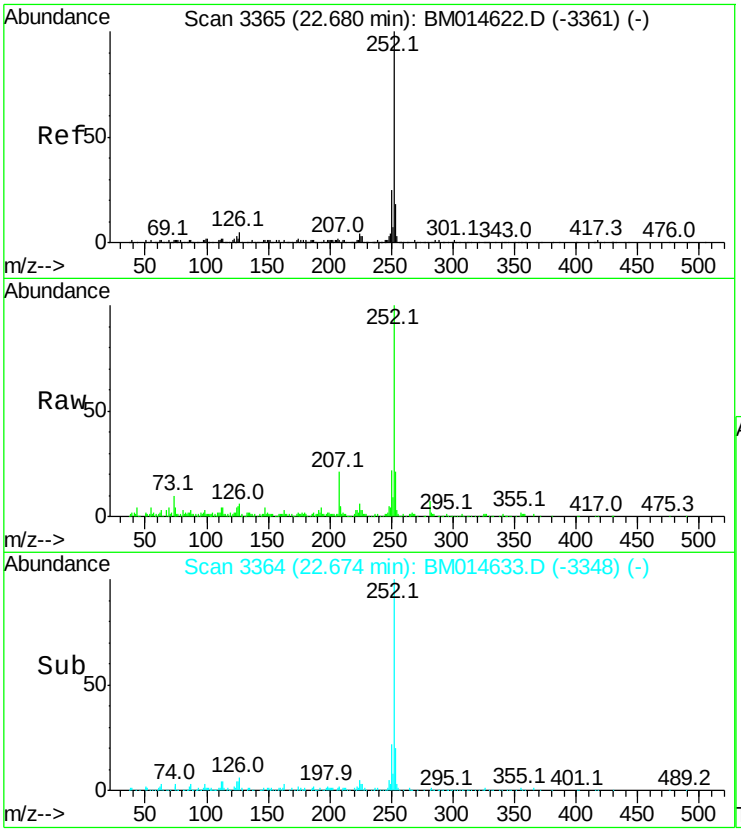


#24
Benzo(b)fluoranthene
Concen: 19.434 ng/ul
RT: 22.63 min Scan# 3357
Delta R.T. -0.00 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:252 Resp: 222533

Ion	Ratio	Lower	Upper
252	100		
253	20.3	17.9	26.9
125	4.3	3.6	5.4



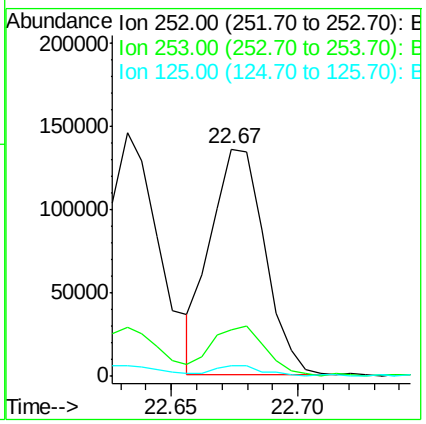


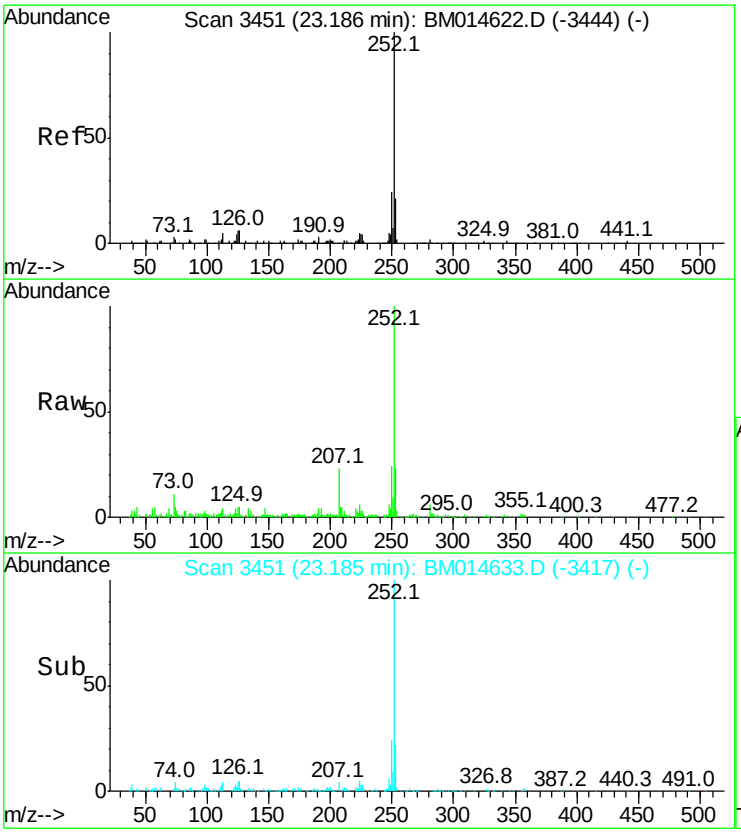
#25
Benzo(k)fluoranthene
Concen: 18.508 ng/ul
RT: 22.67 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 201345

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.1	25.7
125	4.8	3.4	5.2

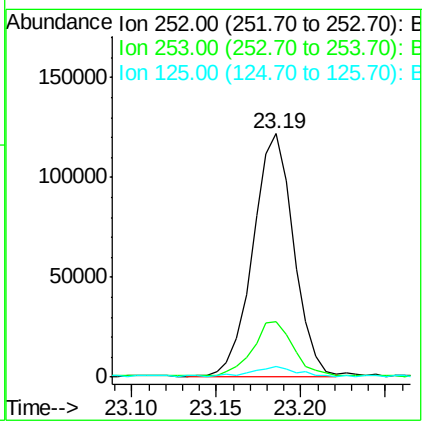


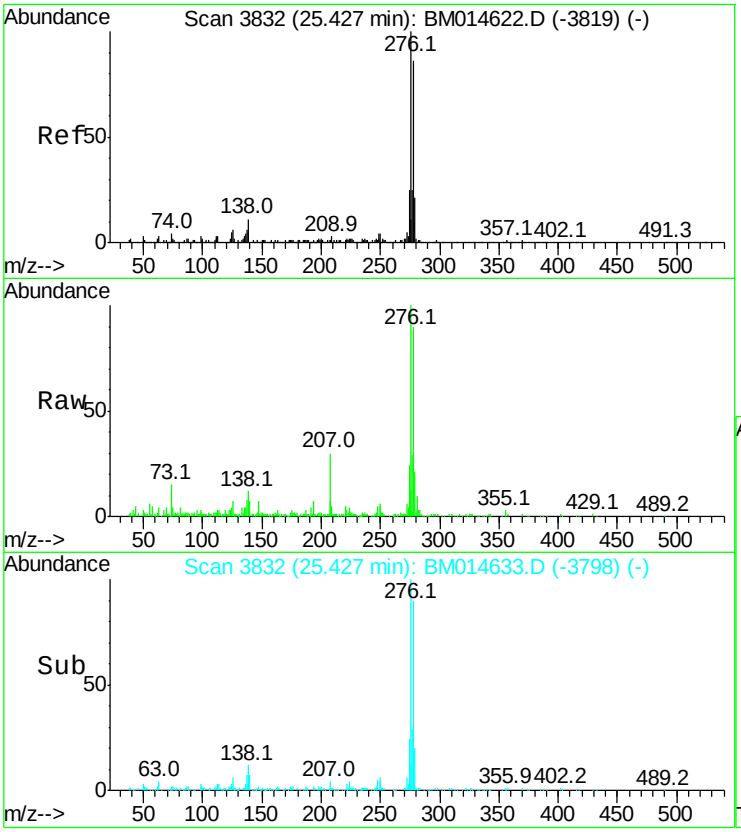


#27
Benzo(a)pyrene
Concen: 18.737 ng/ul
RT: 23.19 min Scan# 3451
Delta R.T. -0.00 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:252 Resp: 203647

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	4.6	4.0	6.0



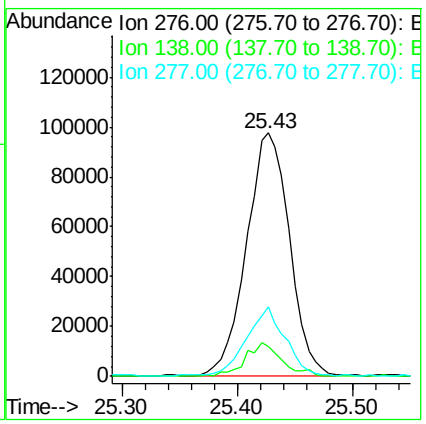


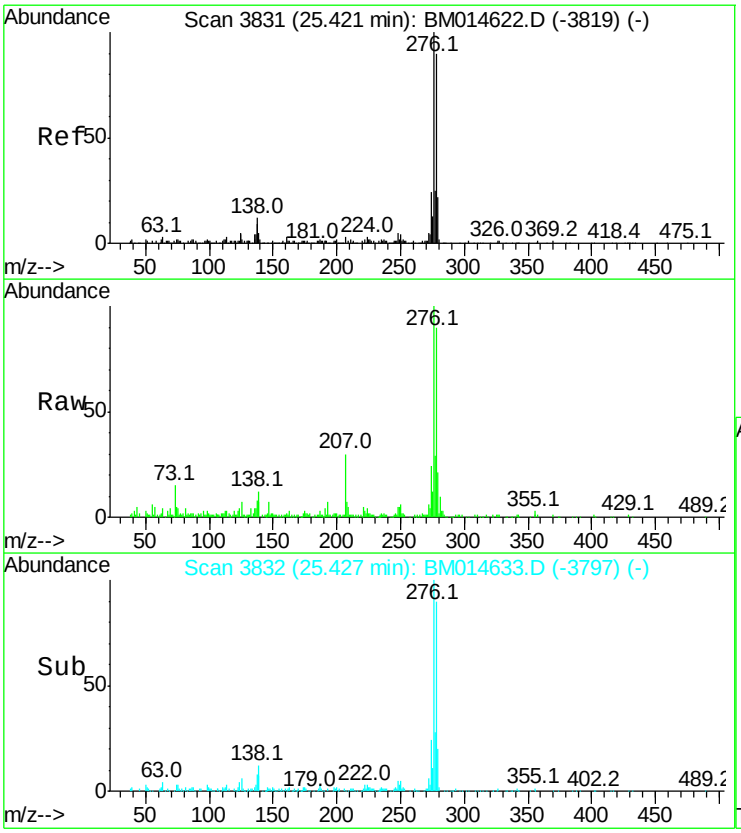
#28
Indeno(1,2,3-cd)pyrene
Concen: 20.300 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. -0.00 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 253938

Ion	Ratio	Lower	Upper
276	100		
138	12.2	9.3	13.9
277	28.7	19.9	29.9

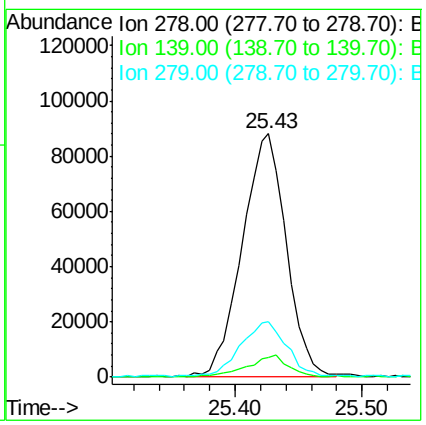


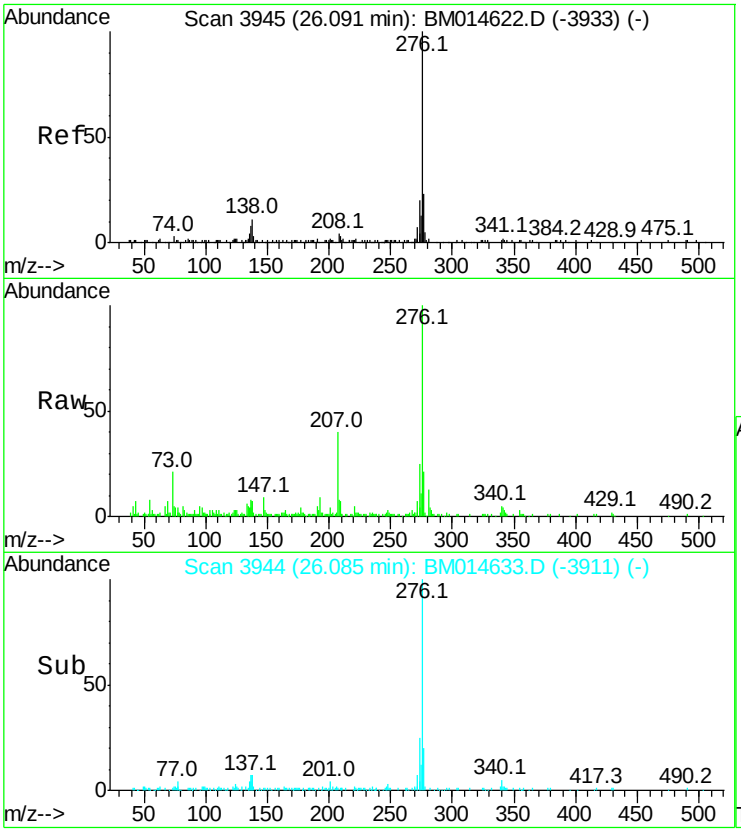


#29
Dibenzo(a,h)anthracene
Concen: 20.312 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Tgt Ion:278 Resp: 212670

Ion	Ratio	Lower	Upper
278	100		
139	7.9	5.8	8.8
279	22.8	18.6	27.8





#30
Benzo(g,h,i)perylene
Concen: 20.345 ng/ul
RT: 26.09 min Scan# 3944
Delta R.T. -0.01 min
Lab File: BM014633.D
Acq: 21 Mar 2018 10:21

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 202730

Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.5	12.7#
277	20.7	18.6	28.0