Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009282.D
Acq On : 17 Mar 2017 20:00
Operator : SJ/MA
Sample : I2285-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 18 00:41:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	115071	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	532185	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	362711	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	955959	20.00	ng/ul	0.00
18) Chrysene-d12	21.44	240	1492637	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1543855	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	7925	0.92	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	508186	16.53	ng/ul	0.00
10) Fluorene-d10	15.50	176	430776	15.98	ng/ul	0.00
15) Anthracene-d10	17.36	188	737447	16.24	ng/ul	0.00
19) Pyrene-d10	19.65	212	968847	16.19	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1098414	15.65	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.73	128	30088	1.11	ng/ul#	95
8) Acenaphthylene	14.24	152	31665	1.02	ng/ul#	90
9) Acenaphthene	14.58	153	58301	2.59	ng/ul	93
11) Fluorene	15.56	166	56837	1.84	ng/ul	95
14) Phenanthrene	17.30	178	1151598	21.39	ng/ul	97
16) Anthracene	17.39	178	245610	4.40	ng/ul	98
17) Fluoranthene	19.32	202	2198131	32.22	ng/ul	96
20) Pyrene	19.68	202	1928387	25.04	ng/ul	96
21) Benzo(a)anthracene	21.42	228	1218969	14.35	ng/ul	99
22) Chrysene	21.47	228	1141587	14.23	ng/ul	96
24) Benzo(b)fluoranthene	23.24	252	169321	1.86	ng/ul	95
25) Benzo(k)fluoranthene	23.24	252	236151	2.76	ng/ul	94
27) Benzo(a)pyrene	23.57	252	746130	8.53	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.14	276	730657	7.04	ng/ul#	93
29) Dibenzo(a,h)anthracene	26.15	278	199673	2.28	ng/ul	97
30) Benzo(g,h,i)perylene	26.88	276	621098	7.19	ng/ul#	93

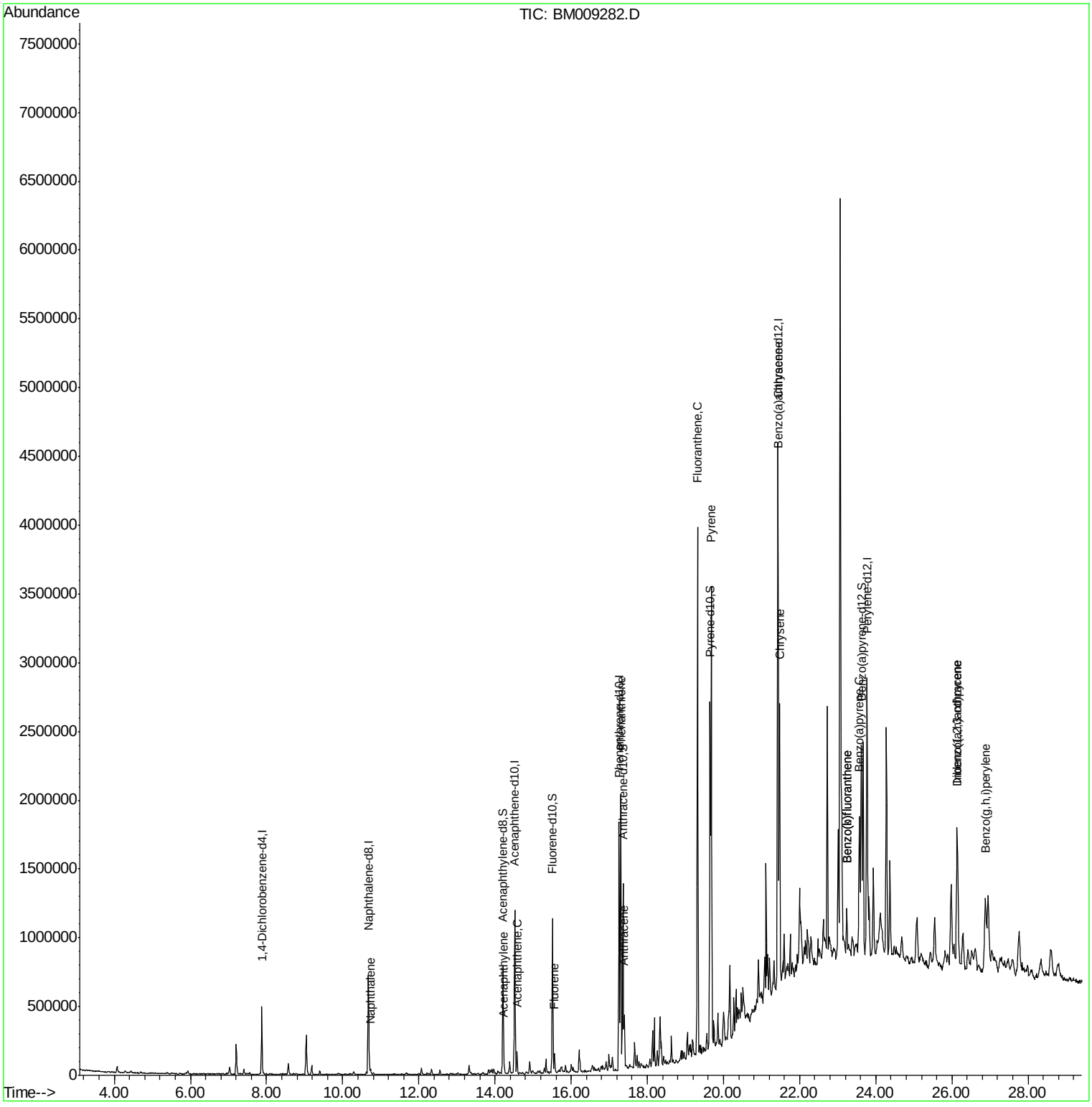
(#) = qualifier out of range (m) = manual integration (+) = signals summed

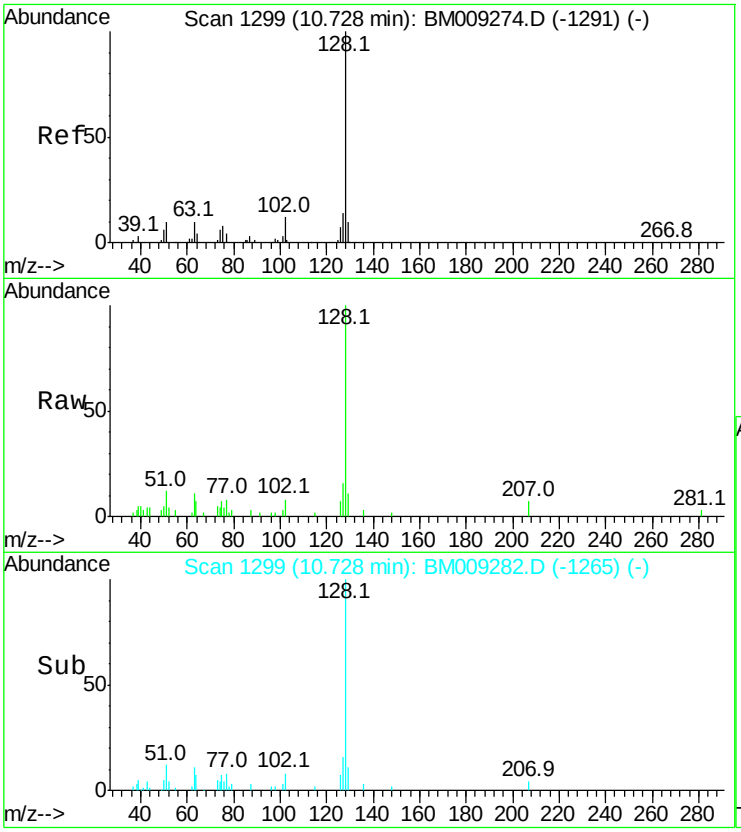
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031717\
Data File : BM009282.D
Acq On : 17 Mar 2017 20:00
Operator : SJ/MA
Sample : I2285-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Mar 18 00:41:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration



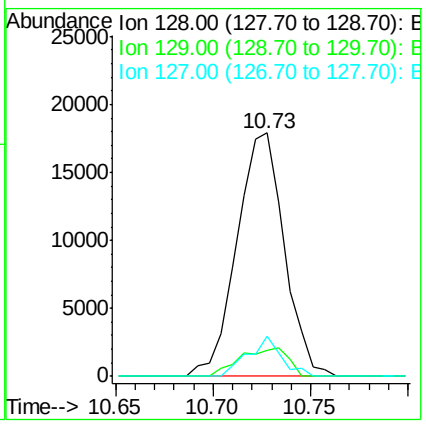


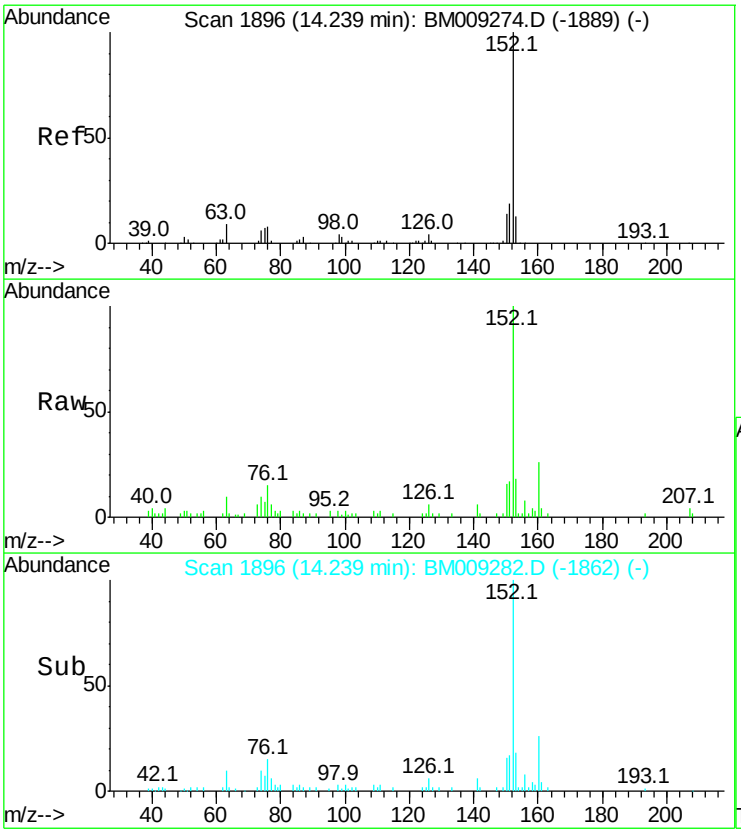
#4
Naphthalene
Concen: 1.11 ng/ul
RT: 10.73 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 30088

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.1	13.7
127	16.4	10.6	15.8#

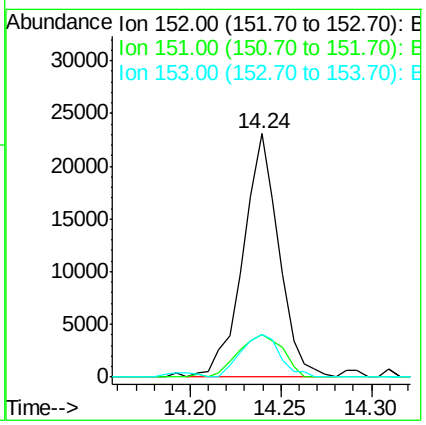


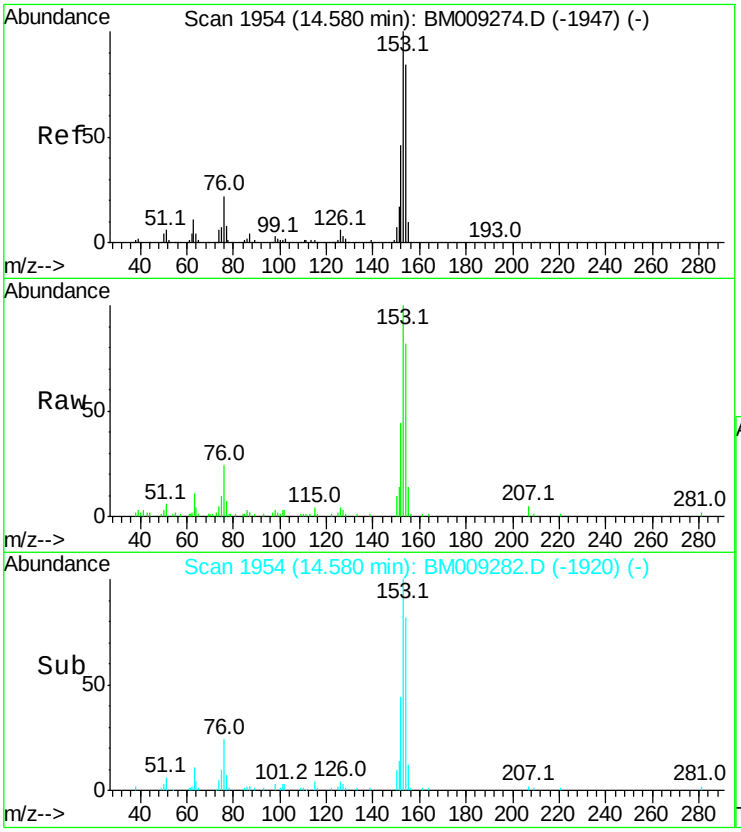


#8
Acenaphthylene
Concen: 1.02 ng/ul
RT: 14.24 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:152 Resp: 31665

Ion	Ratio	Lower	Upper
152	100		
151	17.4	17.5	26.3#
153	17.7	10.6	16.0#



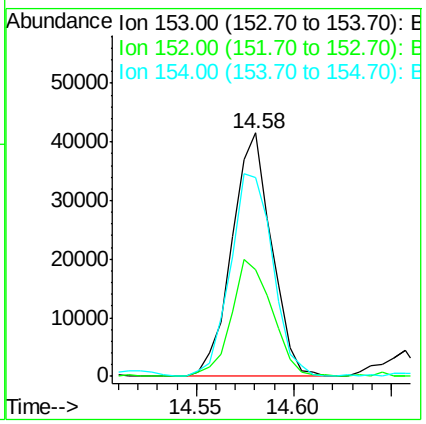


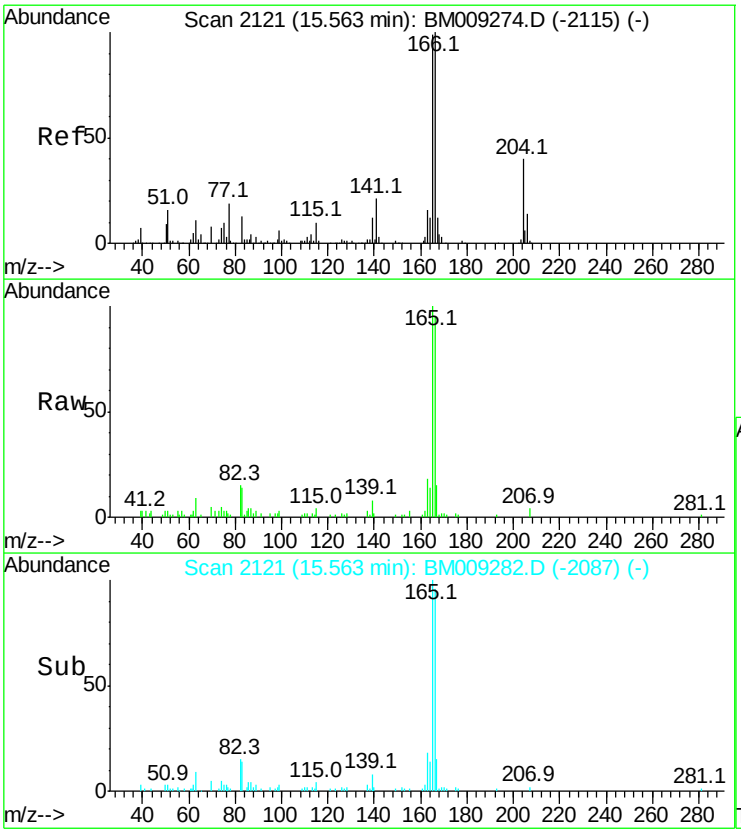
#9
Acenaphthene
Concen: 2.59 ng/ul
RT: 14.58 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 58301

Ion	Ratio	Lower	Upper
153	100		
152	43.6	37.9	56.9
154	81.8	71.6	107.4

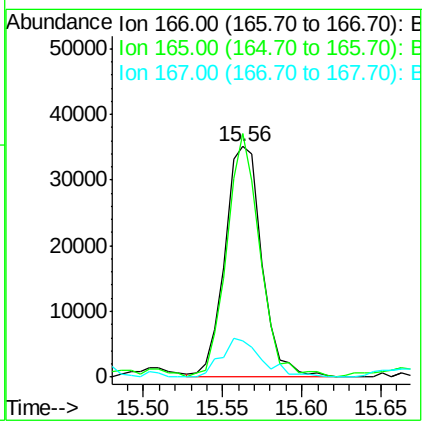


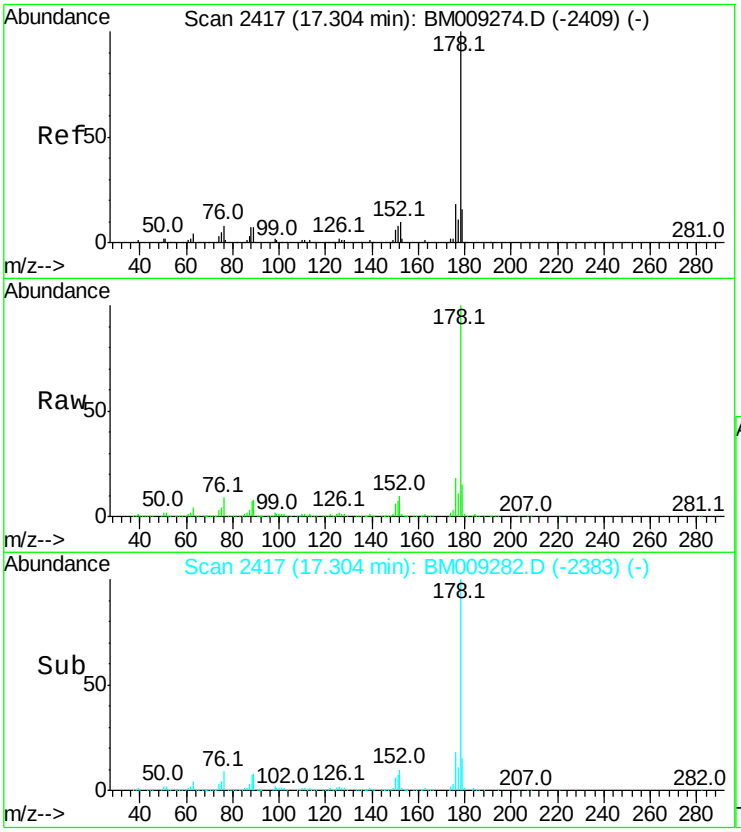


#11
Fluorene
Concen: 1.84 ng/ul
RT: 15.56 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:166 Resp: 56837

Ion	Ratio	Lower	Upper
166	100		
165	105.8	80.0	120.0
167	15.9	11.6	17.4



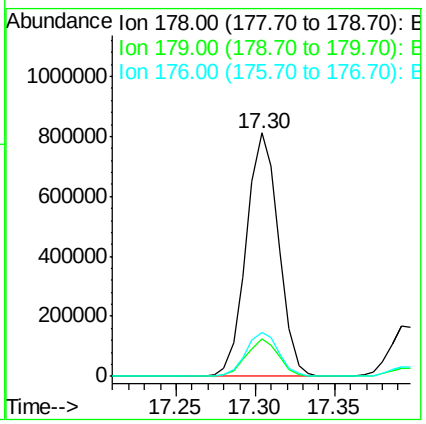


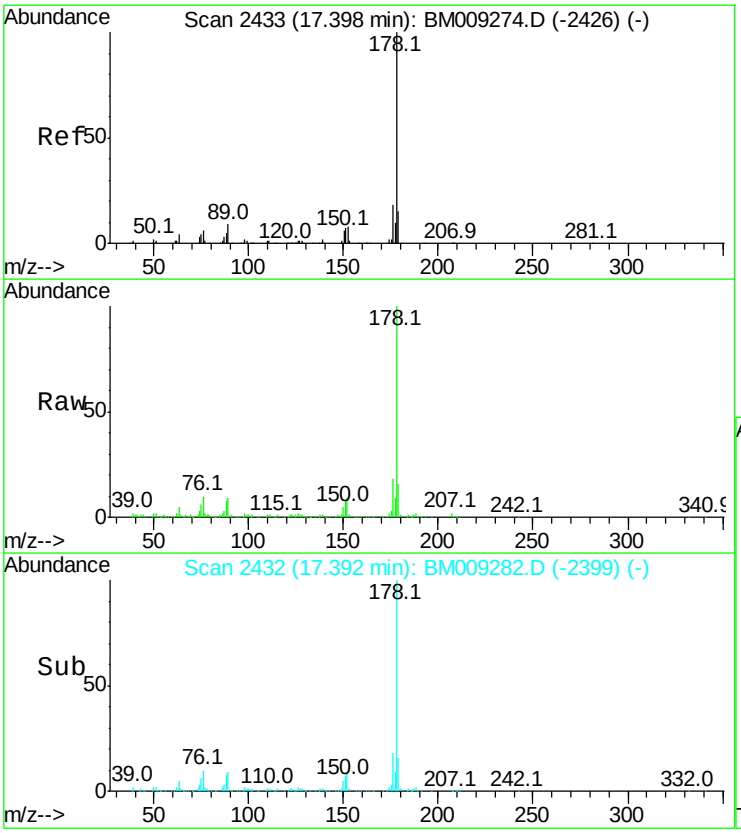
#14
Phenanthrene
Concen: 21.39 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1151598

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.3	16.4	24.6

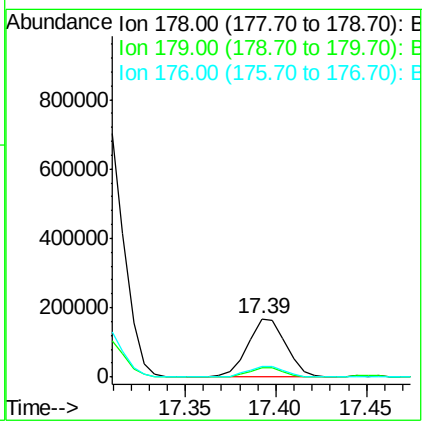


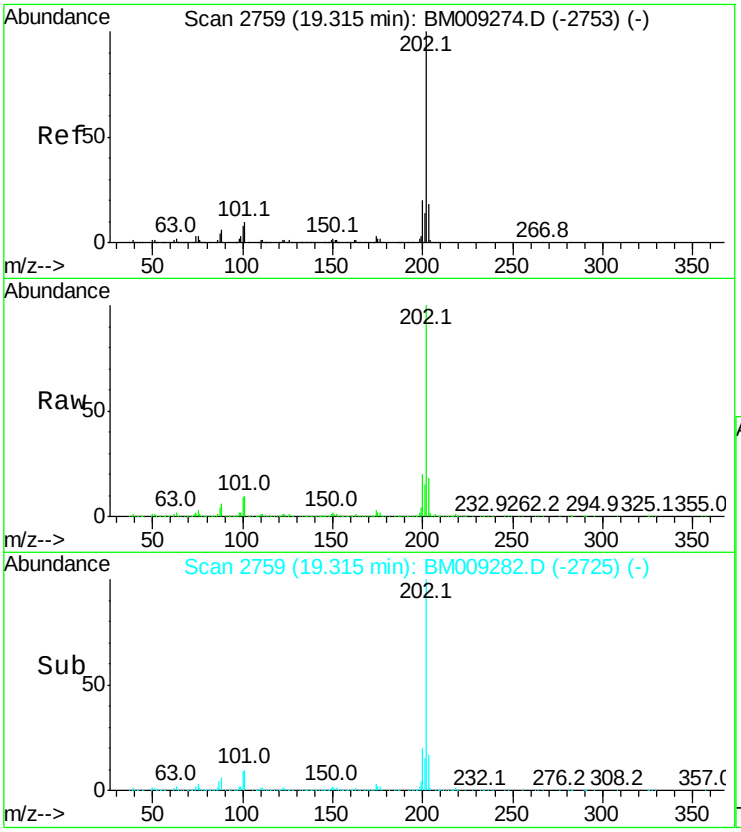


#16
Anthracene
Concen: 4.40 ng/ul
RT: 17.39 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:178 Resp: 245610

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	18.2	15.8	23.8



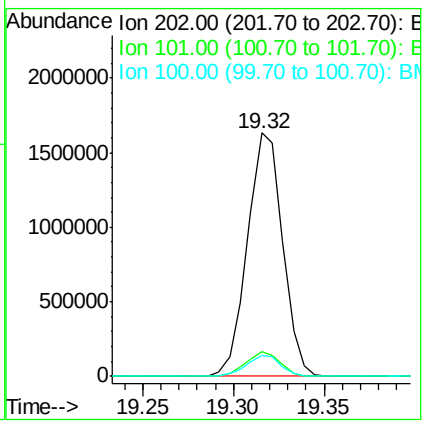


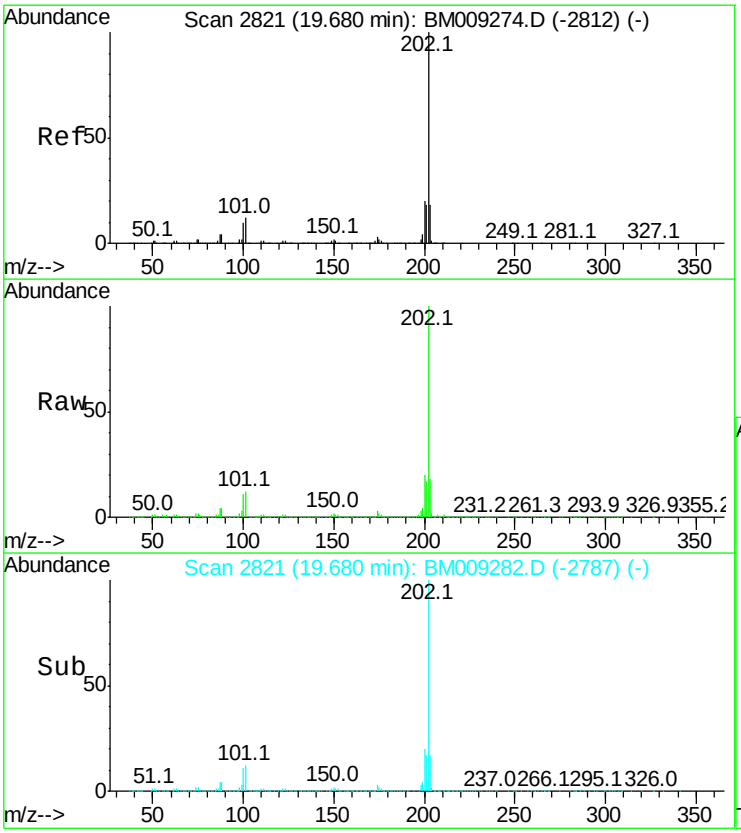
#17
Fluoranthene
Concen: 32.22 ng/ul
RT: 19.32 min Scan# 2759
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2198131

Ion	Ratio	Lower	Upper
202	100		
101	10.4	9.8	14.8
100	8.6	7.5	11.3

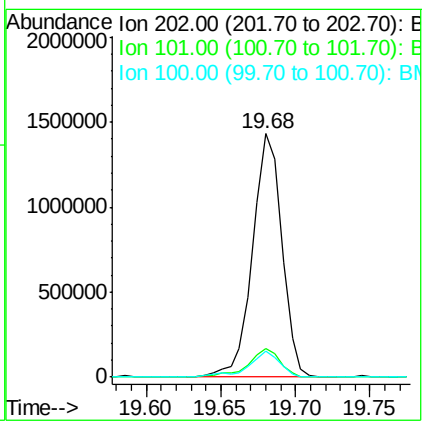


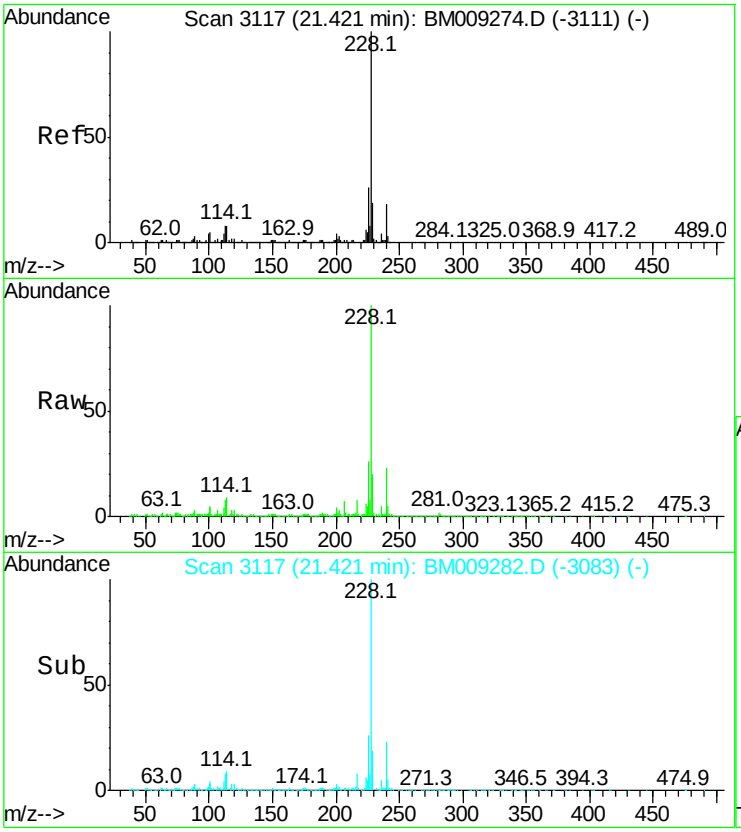


#20
Pyrene
Concen: 25.04 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:202 Resp: 1928387

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.2	16.8
100	10.7	9.8	14.6



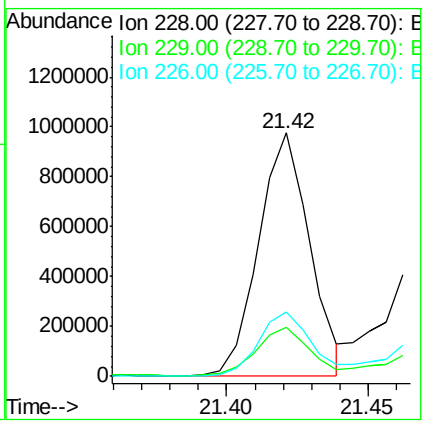


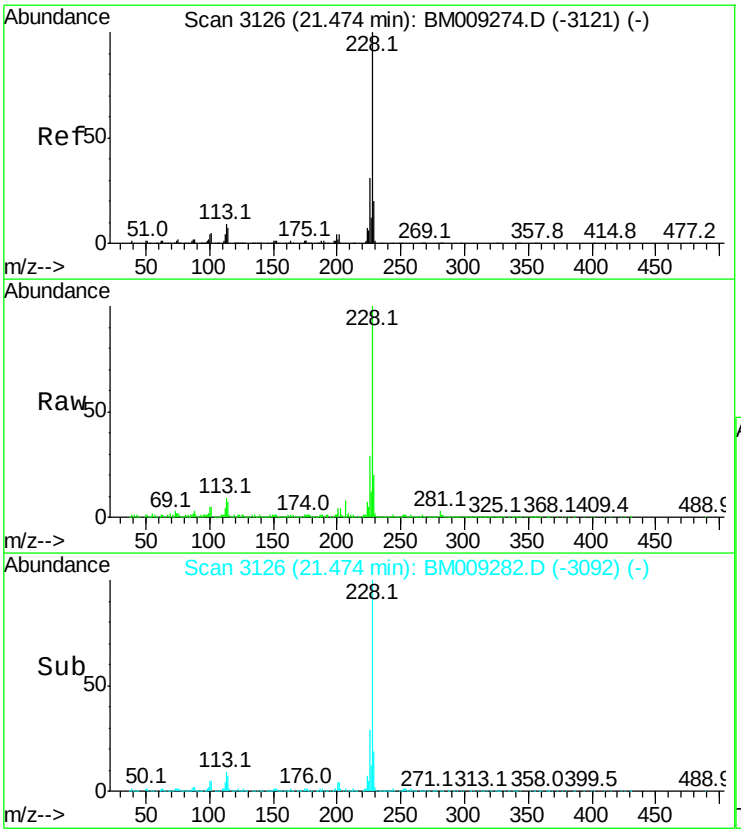
#21
Benzo(a)anthracene
Concen: 14.35 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1218969

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.9	23.9
226	26.5	22.1	33.1

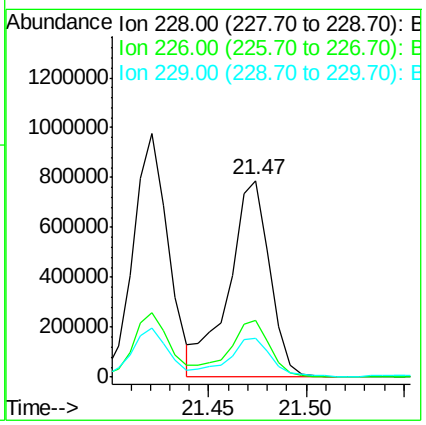


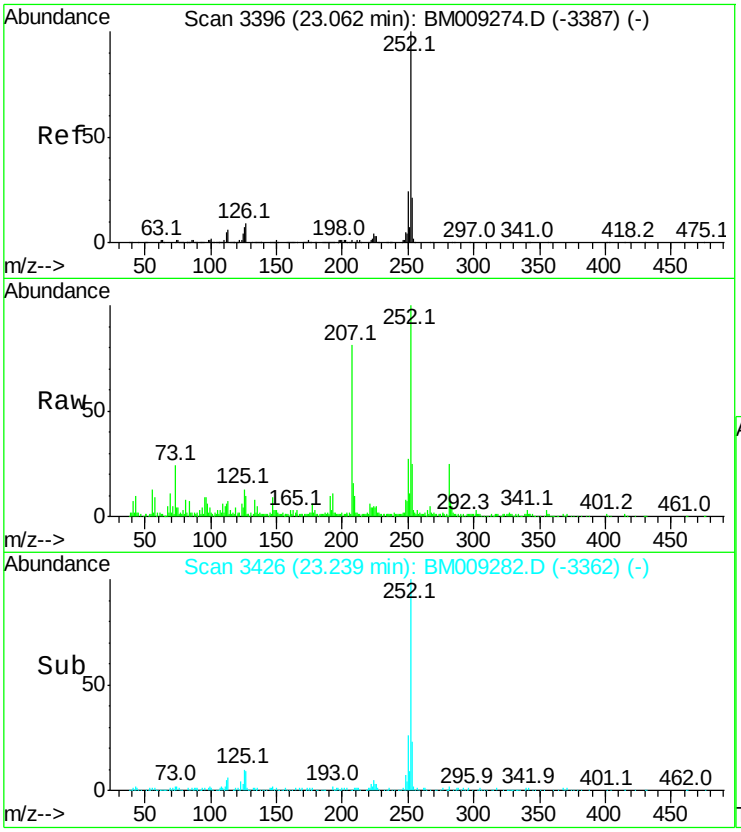


#22
Chrysene
Concen: 14.23 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:228 Resp: 1141587

Ion	Ratio	Lower	Upper
228	100		
226	28.7	25.0	37.6
229	19.6	16.6	25.0



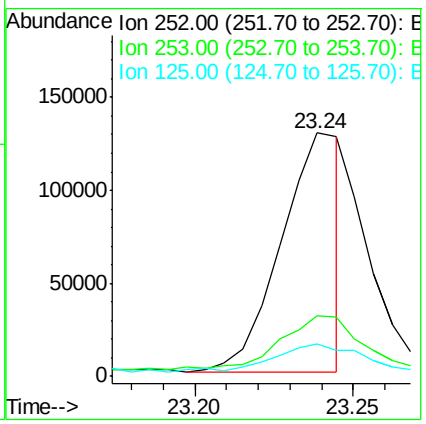


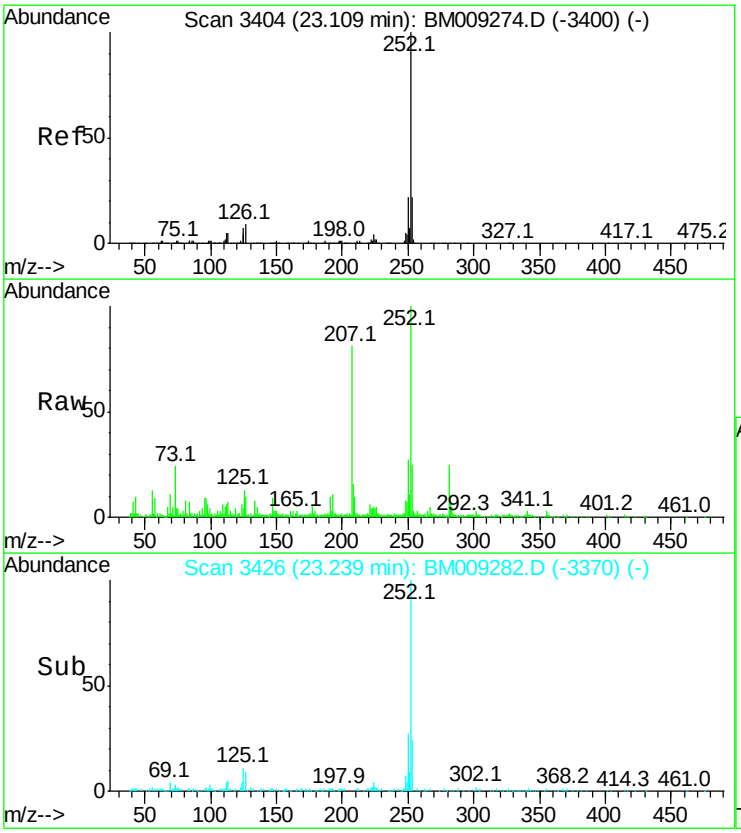
#24
Benzo(b)fluoranthene
Concen: 1.86 ng/ul
RT: 23.24 min Scan# 3426
Delta R.T. 0.18 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 169321

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.8	26.6
125	13.1	9.4	14.0

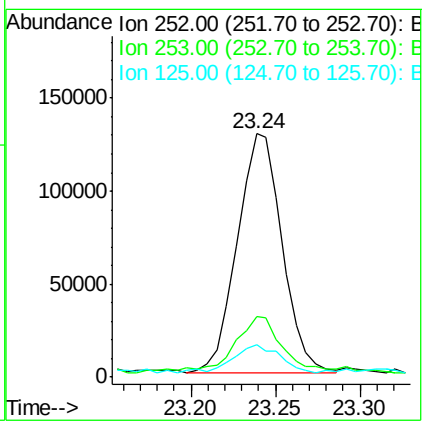


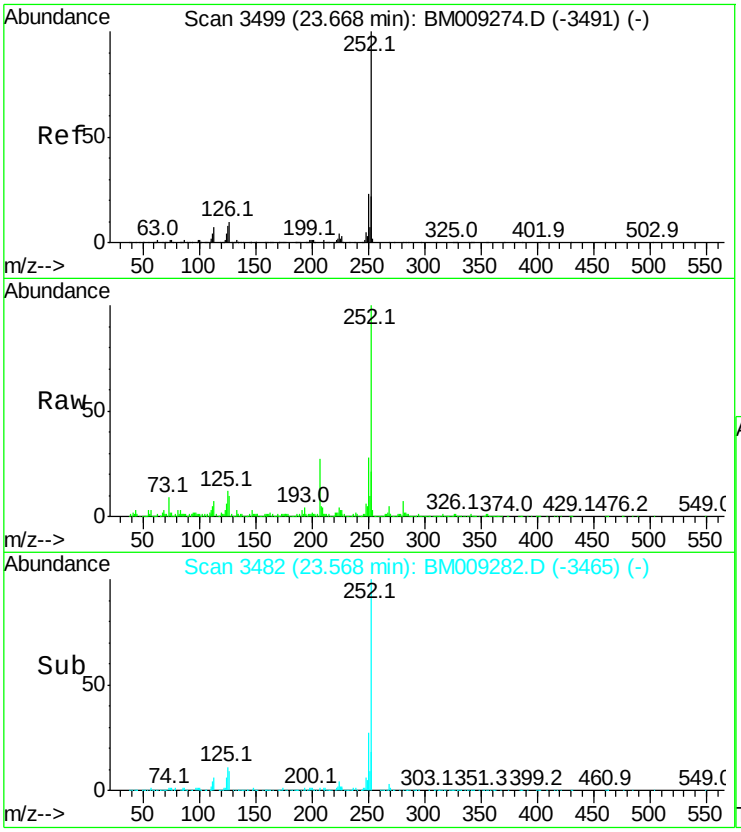


#25
Benzo(k)fluoranthene
Concen: 2.76 ng/ul
RT: 23.24 min Scan# 3426
Delta R.T. 0.13 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:252 Resp: 236151

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.4	26.2
125	13.1	8.8	13.2



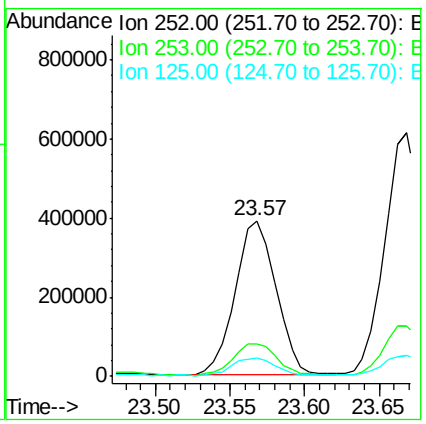


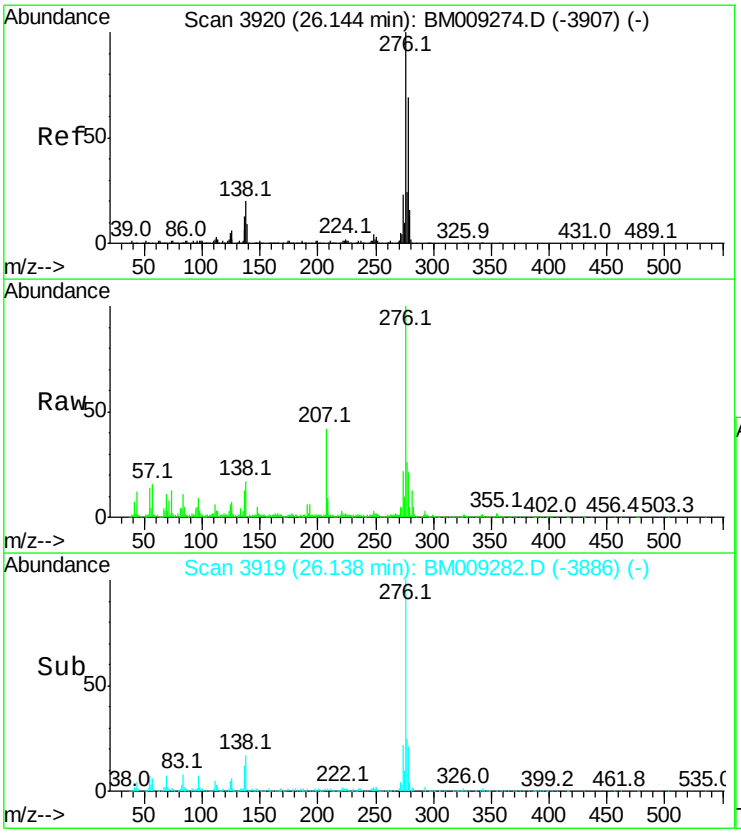
#27
Benzo(a)pyrene
Concen: 8.53 ng/ul
RT: 23.57 min Scan# 3482
Delta R.T. -0.10 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 746130

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.1	25.7
125	11.6	9.4	14.2

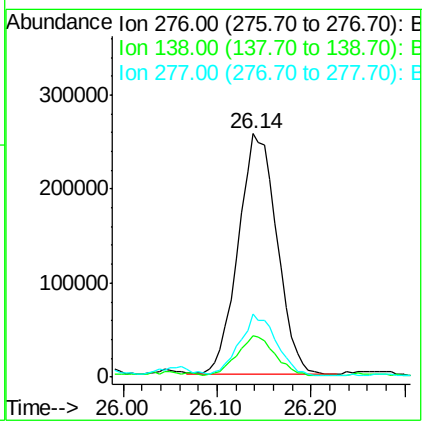


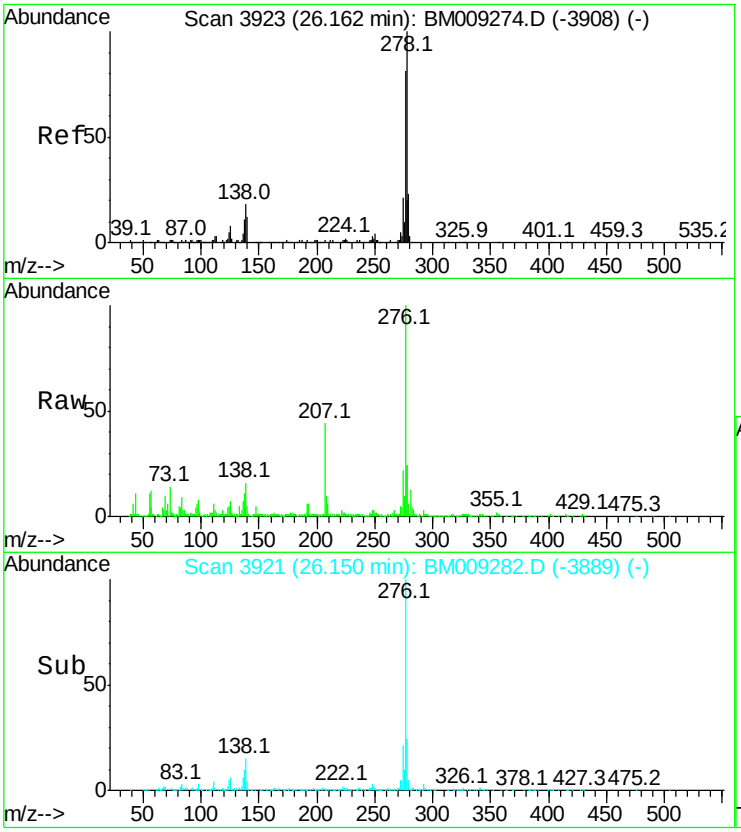


#28
Indeno(1,2,3-cd)pyrene
Concen: 7.04 ng/ul
RT: 26.14 min Scan# 3919
Delta R.T. -0.01 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:276 Resp: 730657

Ion	Ratio	Lower	Upper
276	100		
138	17.2	17.8	26.6#
277	26.0	19.4	29.0



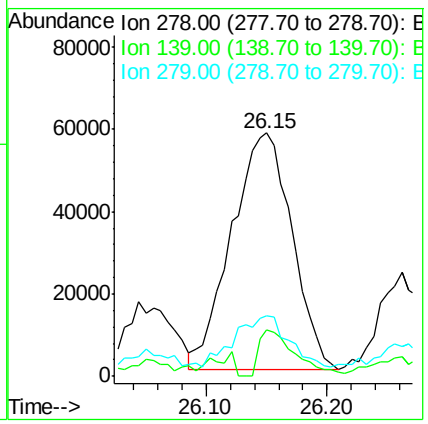


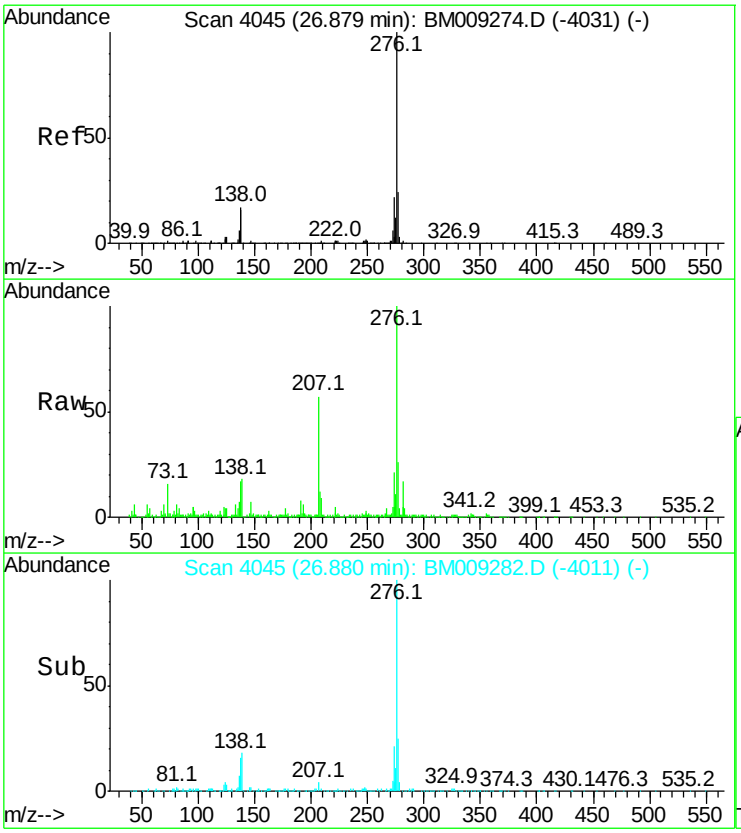
#29
Dibenzo(a,h)anthracene
Concen: 2.28 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 199673

Ion	Ratio	Lower	Upper
278	100		
139	19.2	14.0	21.0
279	24.6	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 7.19 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. 0.00 min
Lab File: BM009282.D
Acq: 17 Mar 2017 20:00

Tgt Ion:276 Resp: 621098

Ion	Ratio	Lower	Upper
276	100		
138	18.2	19.0	28.4#
277	25.7	19.7	29.5