Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009568.D
Acq On : 05 Apr 2017 21:22
Operator : SJ/MA
Sample : I2285-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB340

Quant Time: Apr 06 03:48:17 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	140903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	563523	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	318606	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	757159	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1098890	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1046352	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	3719	0.43	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	378991	12.14	ng/ul	0.00
10) Fluorene-d10	15.48	176	299135	13.32	ng/ul	0.00
15) Anthracene-d10	17.33	188	486535	13.43	ng/ul	0.00
19) Pyrene-d10	19.63	212	612565	13.56	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	624019	13.51	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.69	128	67390	2.33	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	29050	1.38	ng/ul	84
8) Acenaphthylene	14.21	152	58031	1.85	ng/ul	94
9) Acenaphthene	14.55	153	82373	3.82	ng/ul	97
11) Fluorene	15.53	166	103868	3.94	ng/ul	95
14) Phenanthrene	17.28	178	1808278	42.48	ng/ul	97
16) Anthracene	17.37	178	452054	10.27	ng/ul	97
17) Fluoranthene	19.29	202	3247560	61.26	ng/ul	96
20) Pyrene	19.66	202	2845377	47.55	ng/ul	96
21) Benzo(a)anthracene	21.40	228	1980295	31.87	ng/ul	99
22) Chrysene	21.45	228	1597930	28.06	ng/ul	98
24) Benzo(b)fluoranthene	23.04	252	2156642	33.33	ng/ul	98
25) Benzo(k)fluoranthene	23.04	252	2156642	34.98	ng/ul	99
27) Benzo(a)pyrene	23.53	252	995180	16.18	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.09	276	962733	13.96	ng/ul#	94
30) Benzo(g,h,i)perylene	26.82	276	826500	14.53	ng/ul#	94

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
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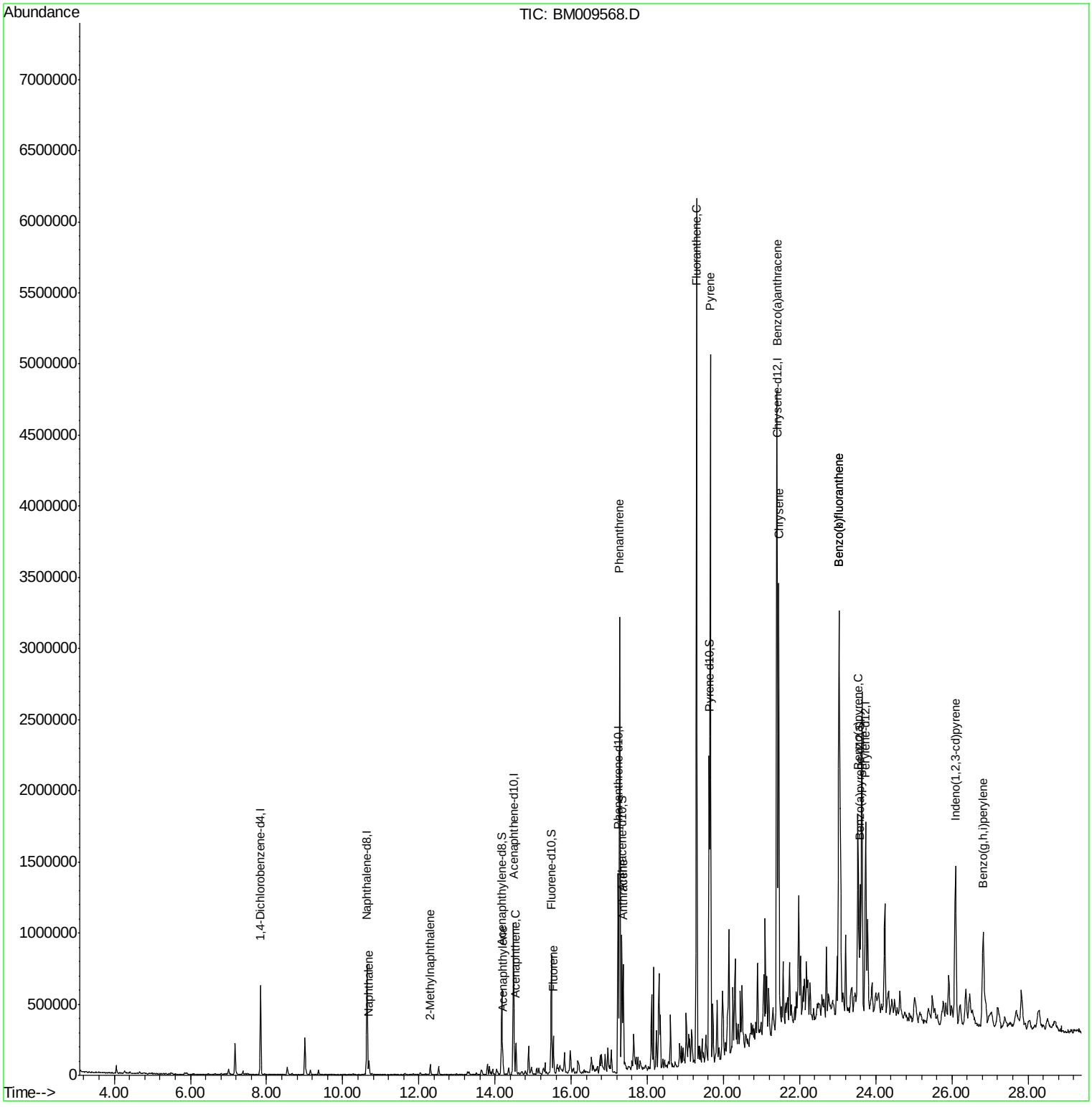
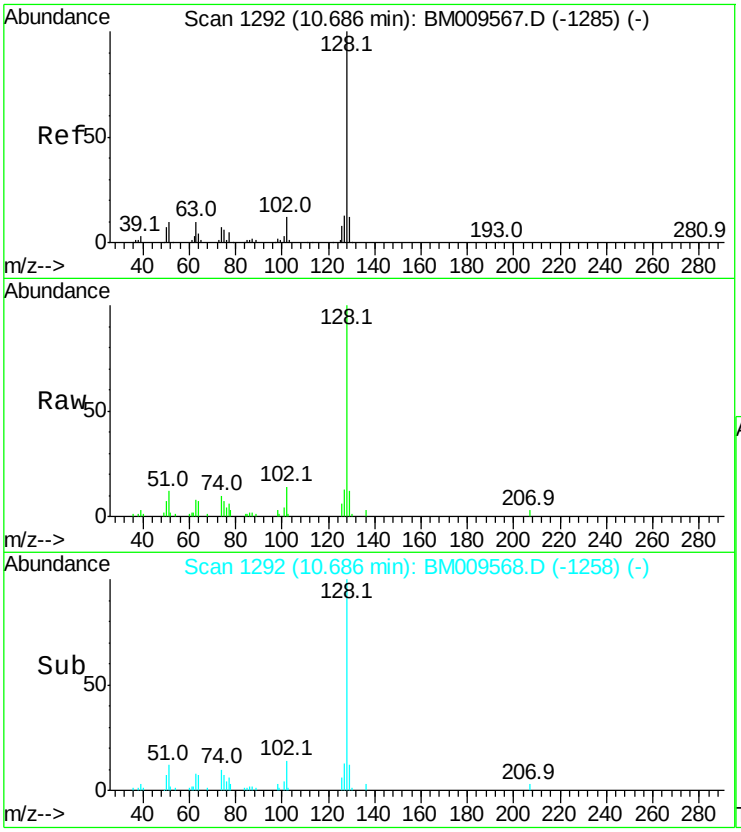
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration



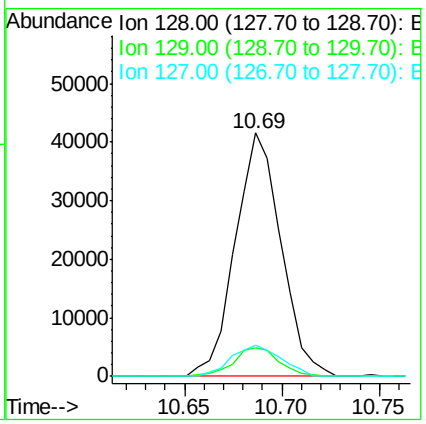


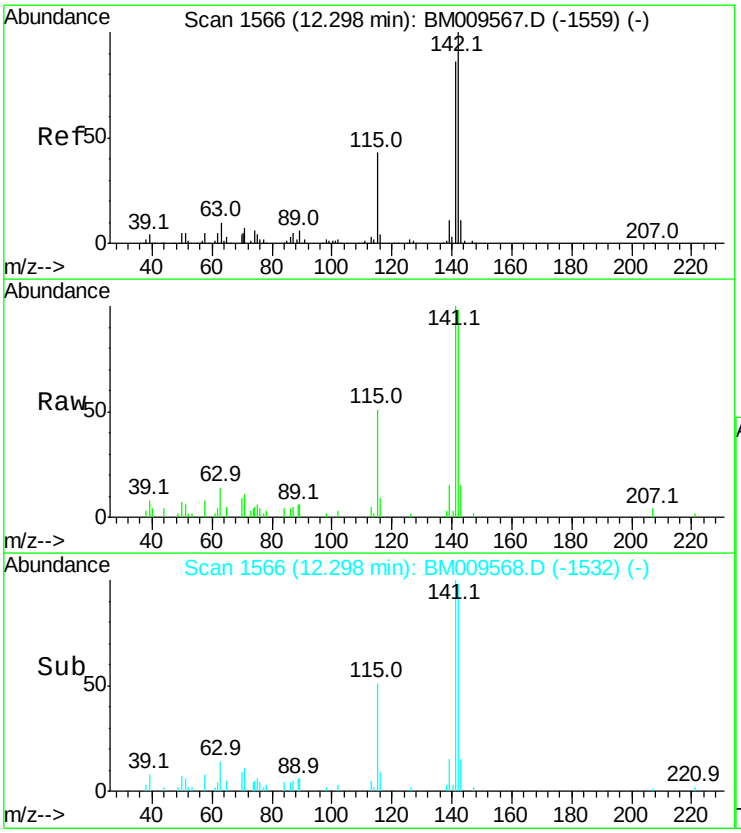
#4
Naphthalene
Concen: 2.33 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:128 Resp: 67390

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	12.8	10.6	15.8

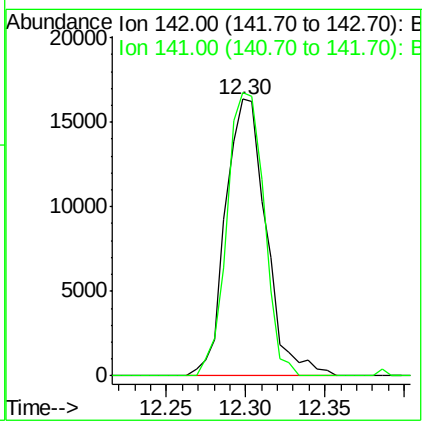


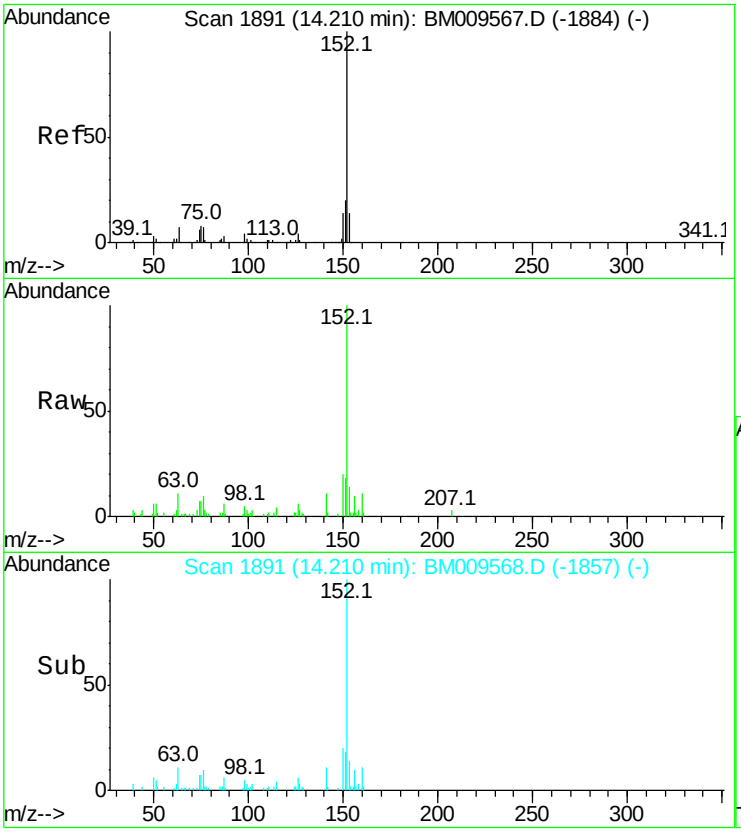


#5
2-Methylnaphthalene
Concen: 1.38 ng/ul
RT: 12.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:142 Resp: 29050

Ion	Ratio	Lower	Upper
142	100		
141	102.4	69.8	104.8



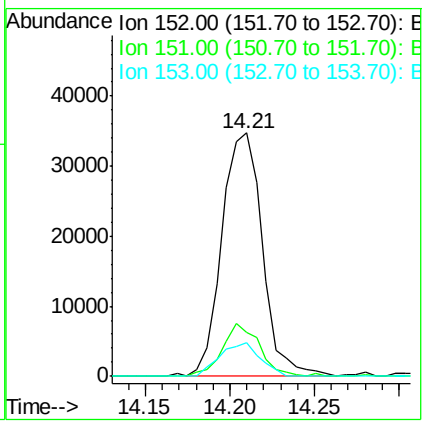


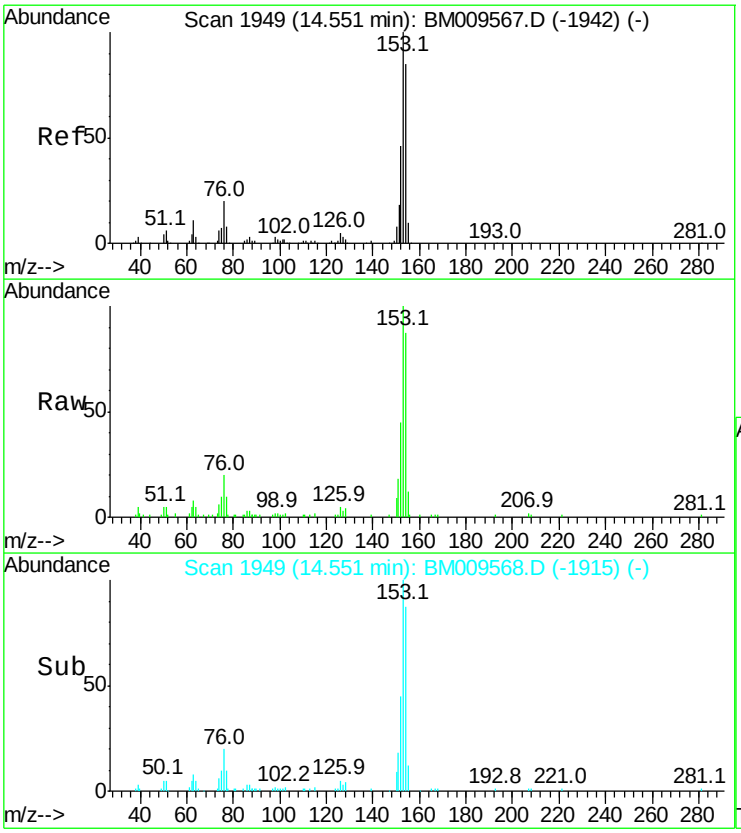
#8
Acenaphthylene
Concen: 1.85 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:152 Resp: 58031

Ion	Ratio	Lower	Upper
152	100		
151	17.8	17.5	26.3
153	14.0	10.6	16.0

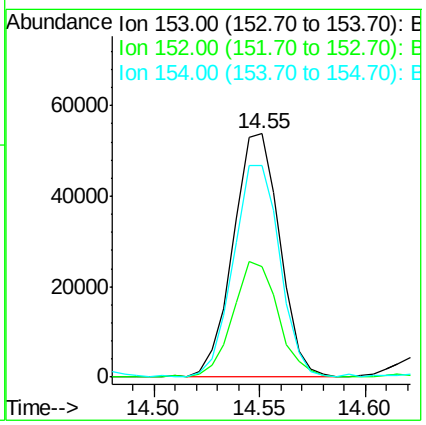


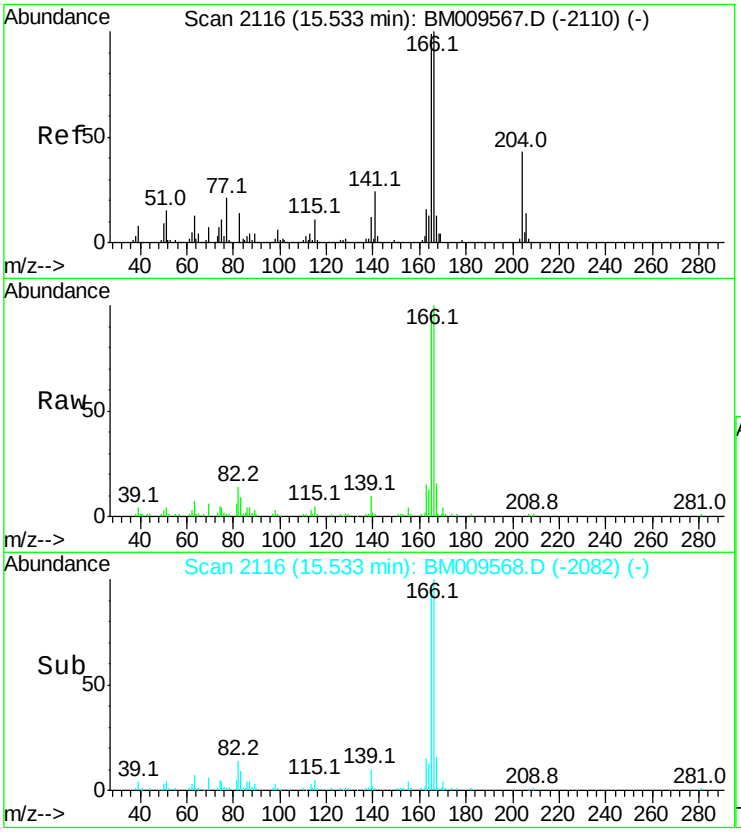


#9
Acenaphthene
Concen: 3.82 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:153 Resp: 82373

Ion	Ratio	Lower	Upper
153	100		
152	45.2	37.9	56.9
154	87.0	71.6	107.4



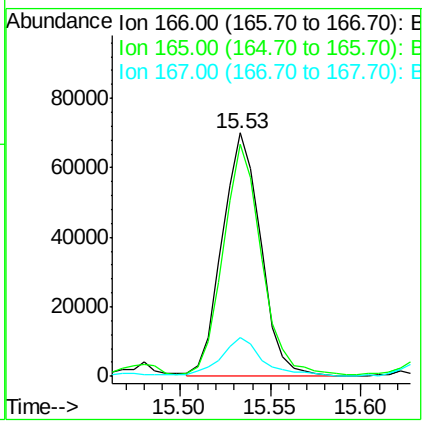


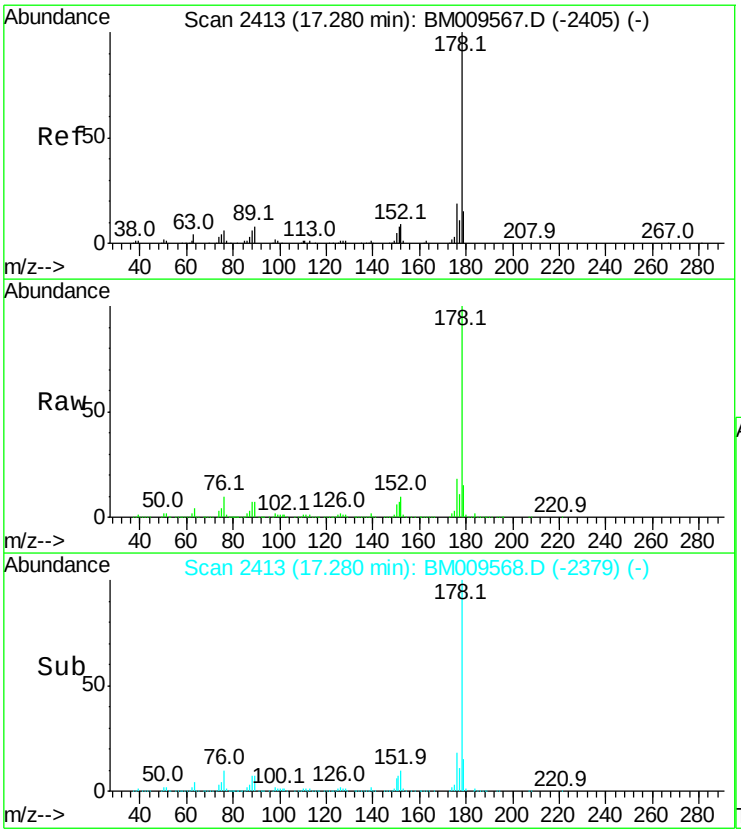
#11
Fluorene
Concen: 3.94 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:166 Resp: 103868

Ion	Ratio	Lower	Upper
166	100		
165	95.2	80.0	120.0
167	16.2	11.6	17.4

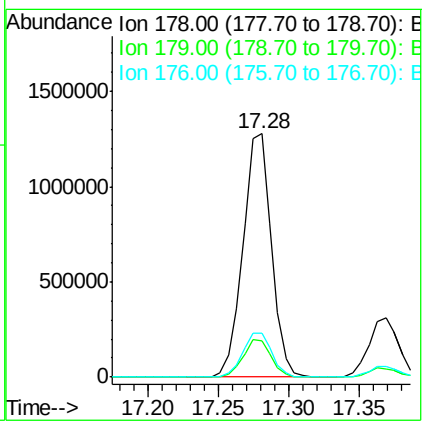


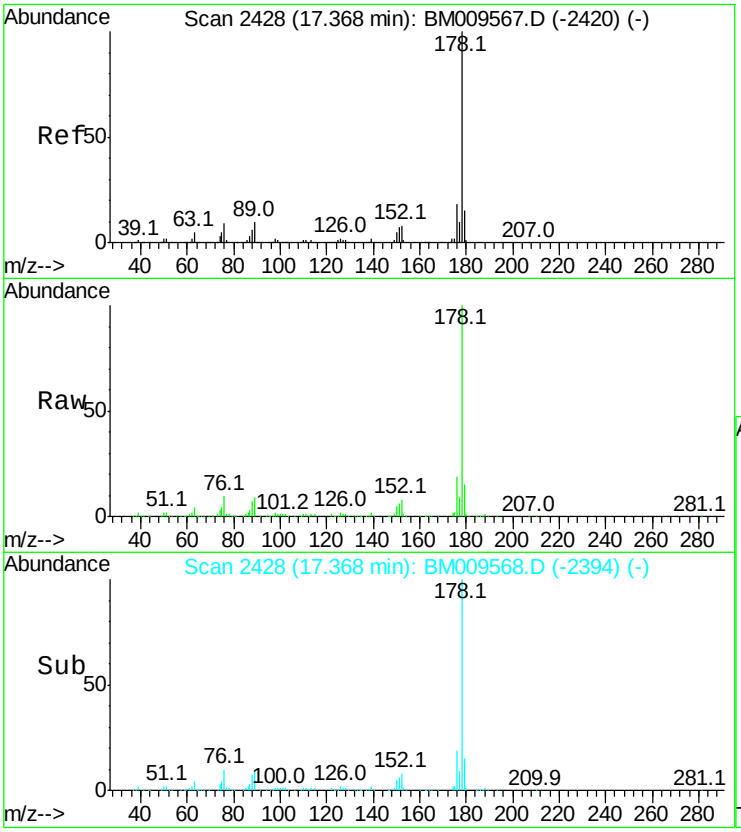


#14
Phenanthrene
Concen: 42.48 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:178 Resp: 1808278

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.4
176	18.1	16.4	24.6



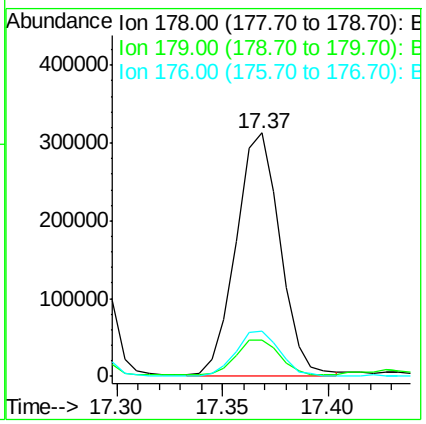


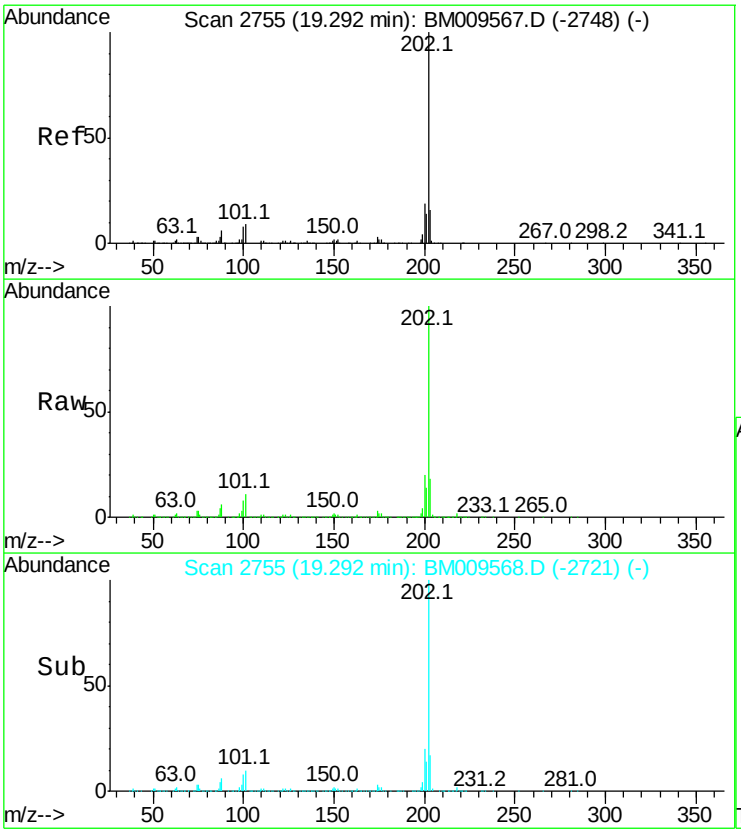
#16
Anthracene
Concen: 10.27 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:178 Resp: 452054

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.7	19.1
176	18.5	15.8	23.8

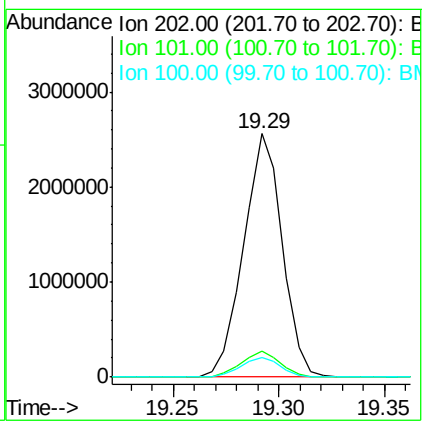


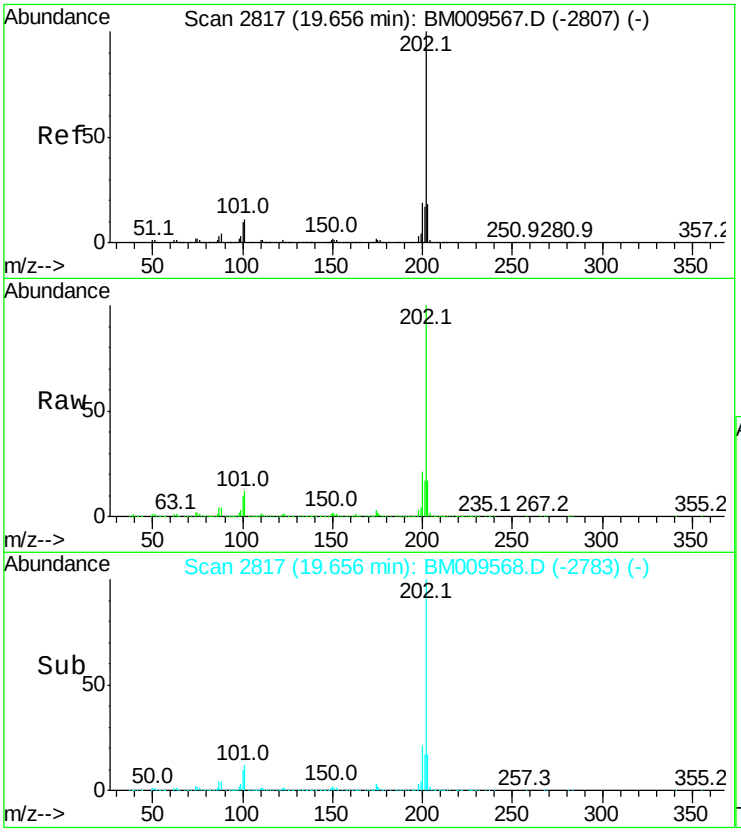


#17
Fluoranthene
Concen: 61.26 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:202 Resp: 3247560

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.8	14.8
100	8.0	7.5	11.3



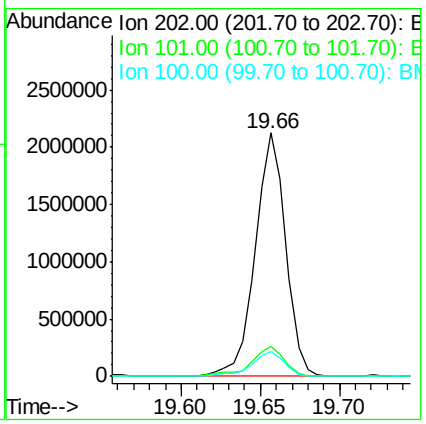


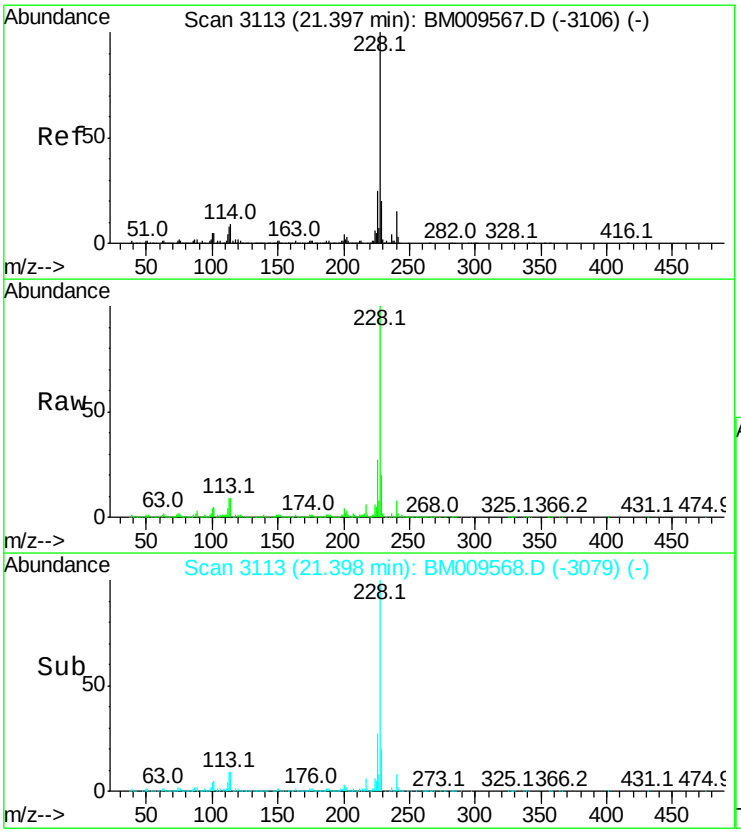
#20
Pyrene
Concen: 47.55 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:202 Resp: 2845377

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.2	16.8
100	10.3	9.8	14.6

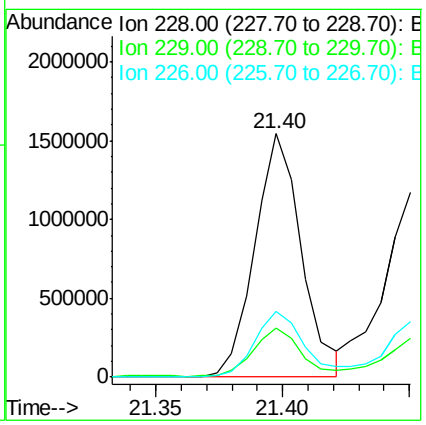


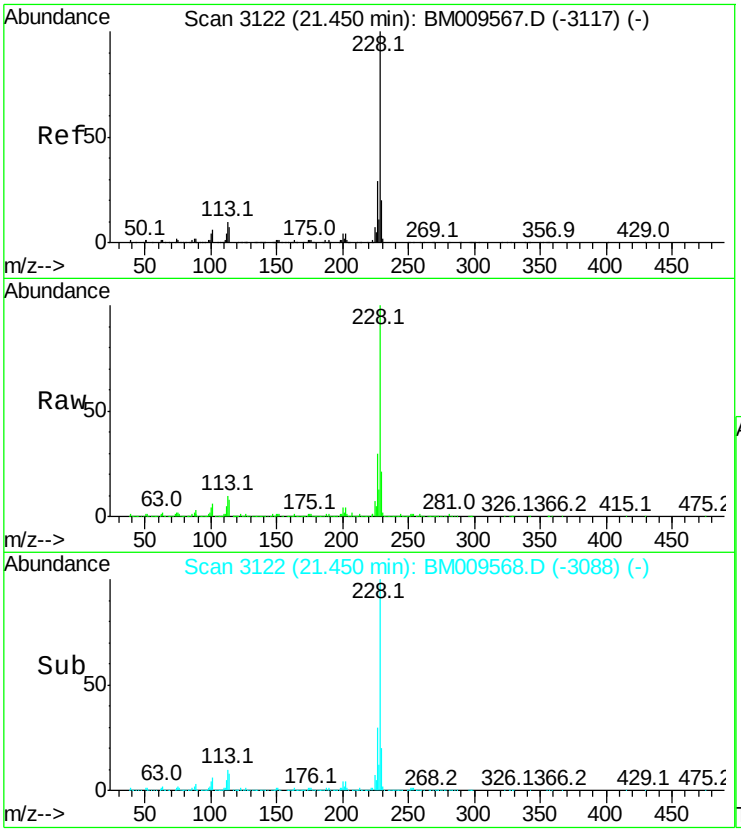


#21
Benzo(a)anthracene
Concen: 31.87 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:228 Resp: 1980295

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	26.9	22.1	33.1



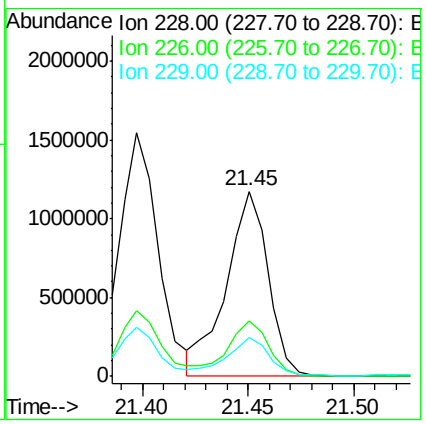


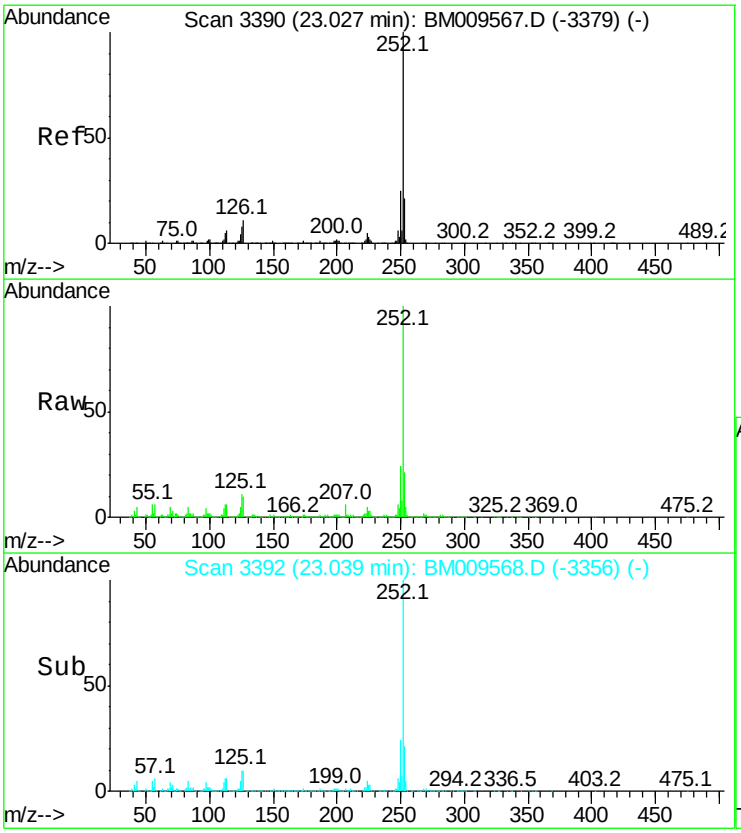
#22
Chrysene
Concen: 28.06 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:228 Resp: 1597930

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	20.7	16.6	25.0

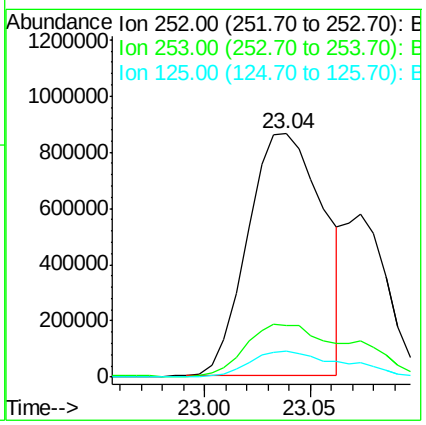


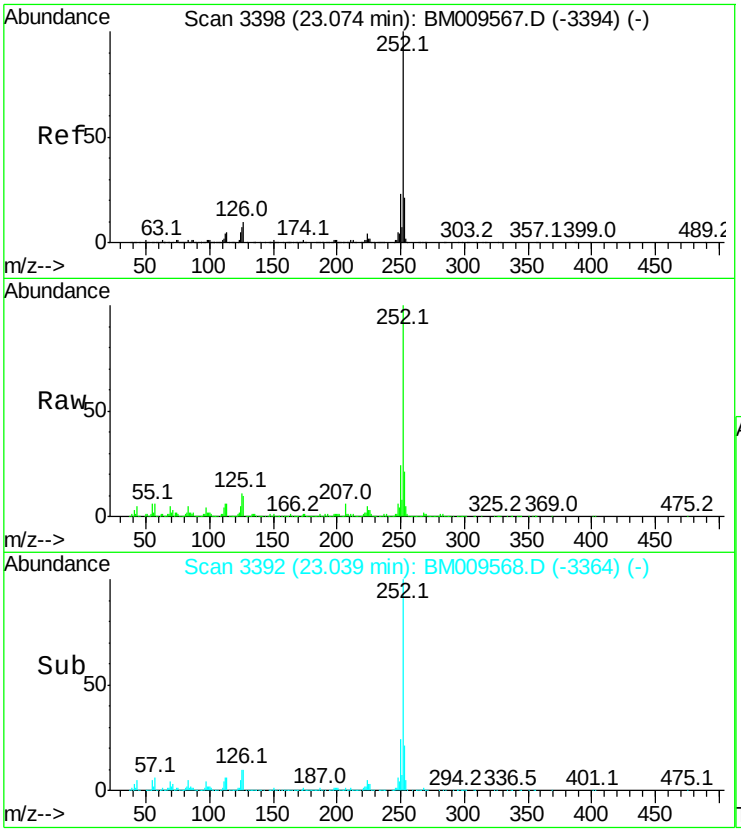


#24
Benzo(b)fluoranthene
Concen: 33.33 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:252 Resp: 2156642

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.8	26.6
125	10.5	9.4	14.0



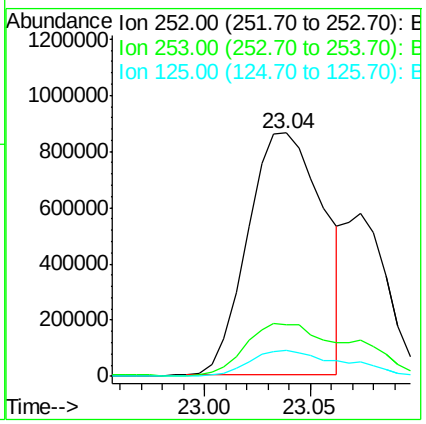


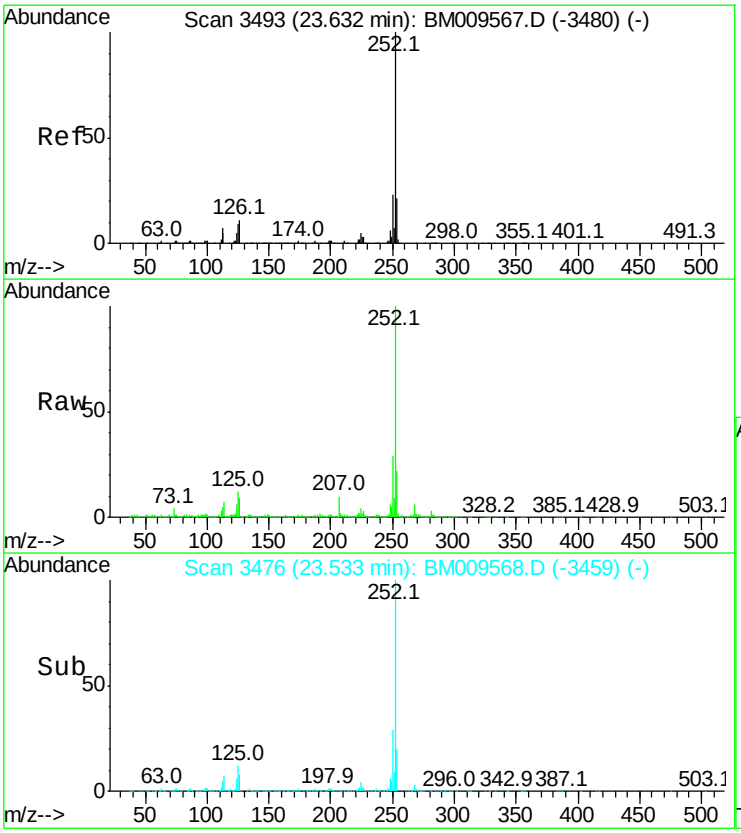
#25
Benzo(k)fluoranthene
Concen: 34.98 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:252 Resp: 2156642

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	10.5	8.8	13.2

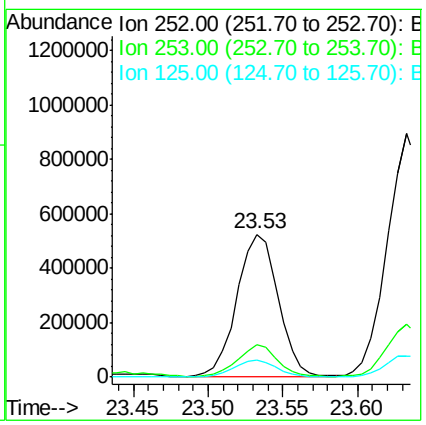


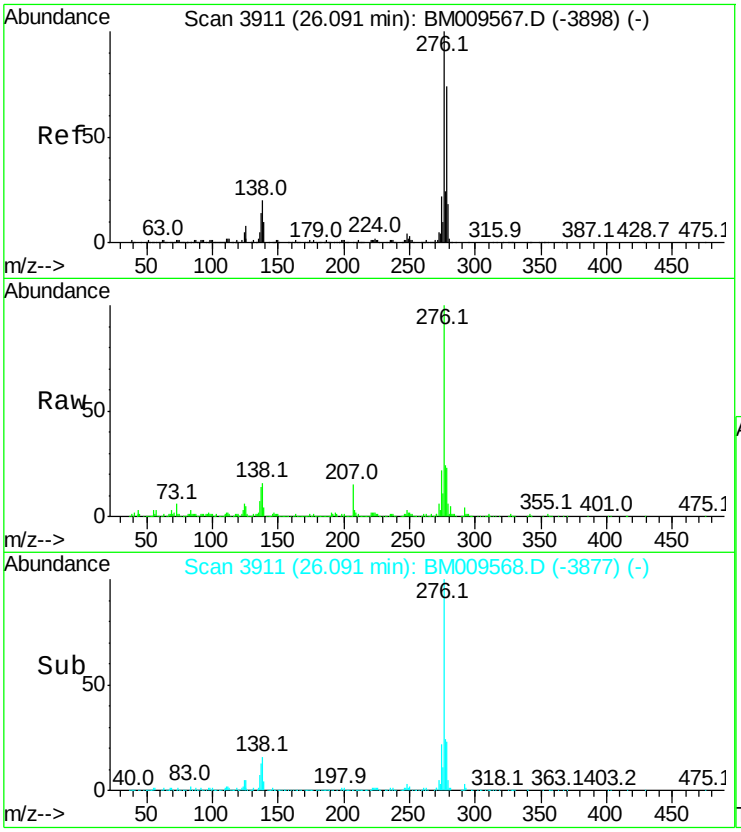


#27
Benzo(a)pyrene
Concen: 16.18 ng/ul
RT: 23.53 min Scan# 3476
Delta R.T. -0.10 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:252 Resp: 995180

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.2	9.4	14.2



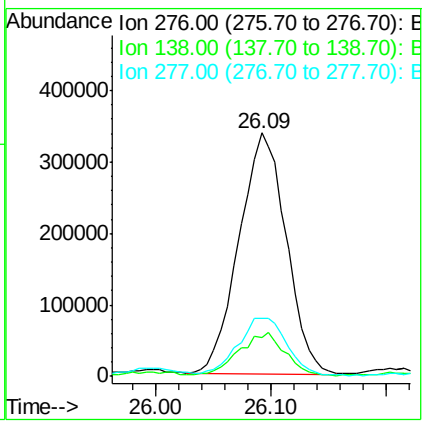


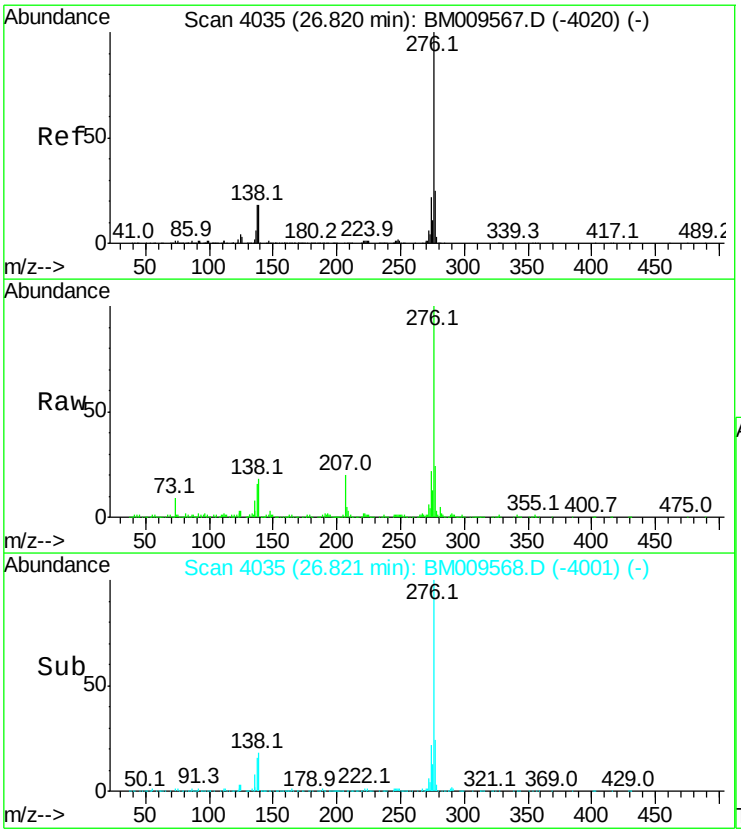
#28
Indeno(1,2,3-cd)pyrene
Concen: 13.96 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Instrument :
BNA_M
ClientSampleId :
CB340

Tgt Ion:276 Resp: 962733

Ion	Ratio	Lower	Upper
276	100		
138	16.0	17.8	26.6#
277	24.0	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 14.53 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. 0.00 min
Lab File: BM009568.D
Acq: 05 Apr 2017 21:22

Tgt Ion:276 Resp: 826500

Ion	Ratio	Lower	Upper
276	100		
138	17.8	19.0	28.4#
277	24.3	19.7	29.5