Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009570.D
Acq On : 05 Apr 2017 22:34
Operator : SJ/MA
Sample : I2285-21
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB343

Quant Time: Apr 06 03:48:55 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	145900	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	569731	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	332980	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	782376	20.00	ng/ul	0.00
18) Chrysene-d12	21.42	240	1061403	20.00	ng/ul	0.00
23) Perylene-d12	23.74	264	1017485	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	6216	0.71	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	392048	12.01	ng/ul	0.00
10) Fluorene-d10	15.48	176	301743	12.86	ng/ul	0.00
15) Anthracene-d10	17.33	188	491582	13.13	ng/ul	0.00
19) Pyrene-d10	19.63	212	591149	13.55	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	598748	13.33	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.69	128	163376	5.59	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	57933	2.72	ng/ul#	81
8) Acenaphthylene	14.21	152	71551	2.19	ng/ul#	96
9) Acenaphthene	14.55	153	181271	8.04	ng/ul	95
11) Fluorene	15.53	166	214238	7.79	ng/ul	98
14) Phenanthrene	17.28	178	3309075	75.23	ng/ul	98
16) Anthracene	17.37	178	717413	15.77	ng/ul	100
17) Fluoranthene	19.30	202	4847403	88.49	ng/ul	95
20) Pyrene	19.66	202	4227014	73.14	ng/ul	97
21) Benzo(a)anthracene	21.40	228	2734199	45.56	ng/ul	99
22) Chrysene	21.45	228	2267485	41.22	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	2924072	46.47	ng/ul	97
25) Benzo(k)fluoranthene	23.04	252	2924072	48.77	ng/ul	99
27) Benzo(a)pyrene	23.54	252	1403285	23.46	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.10	276	1407022	20.98	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.10	278	402039	7.05	ng/ul	97
30) Benzo(g,h,i)perylene	26.83	276	1183465	21.40	ng/ul#	93

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

Quantitation Report (Not Reviewed)

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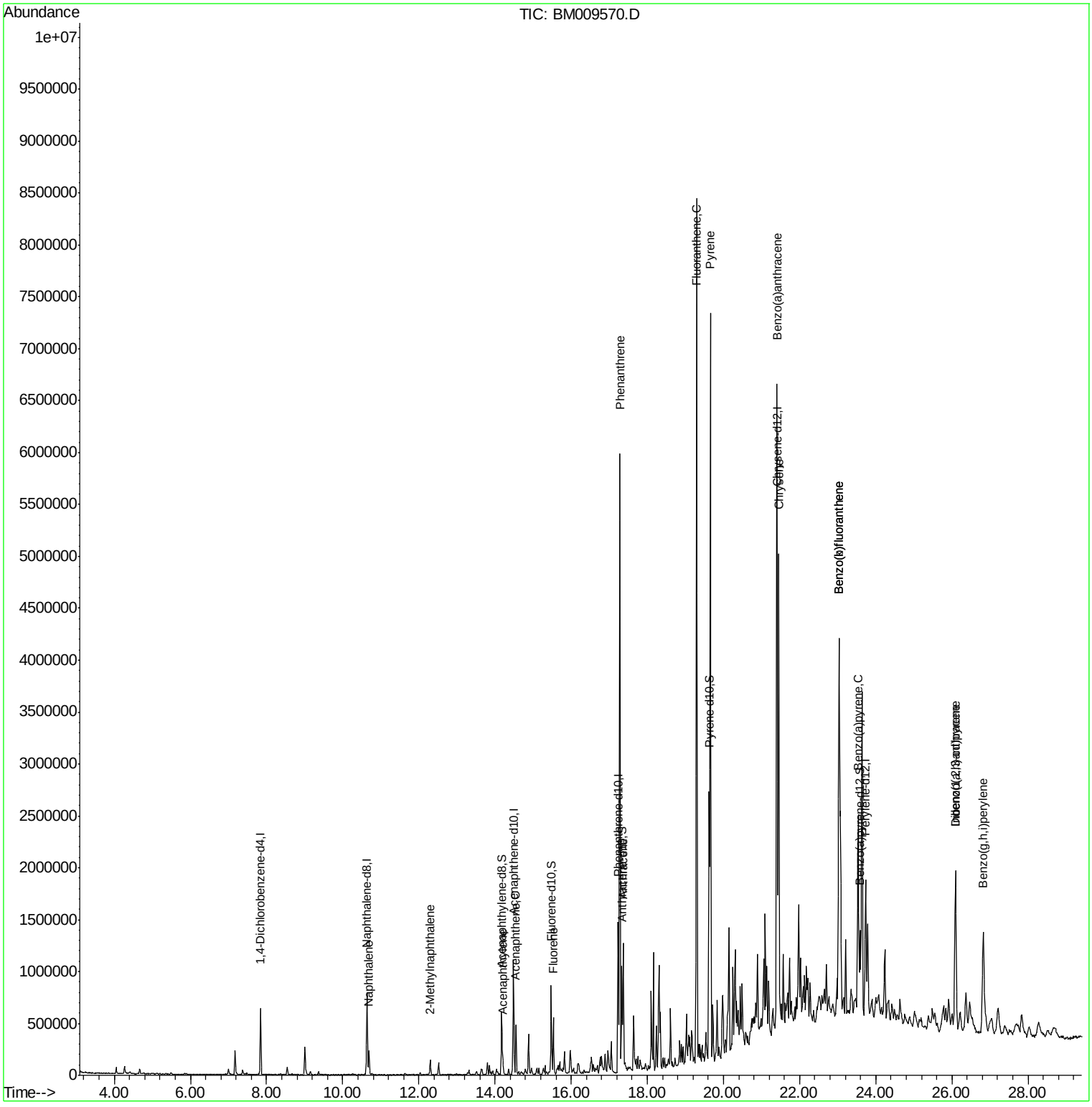
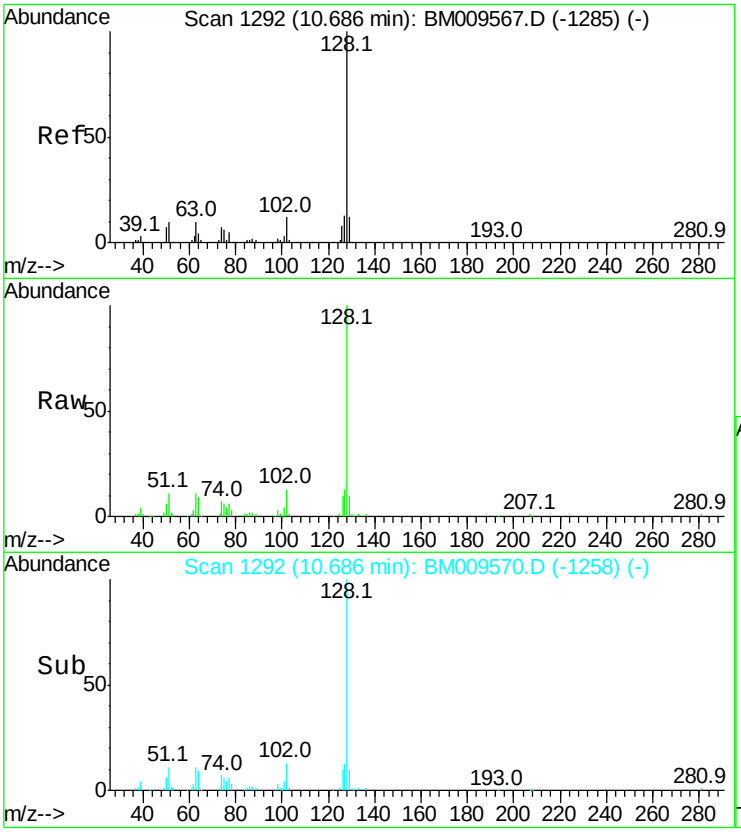


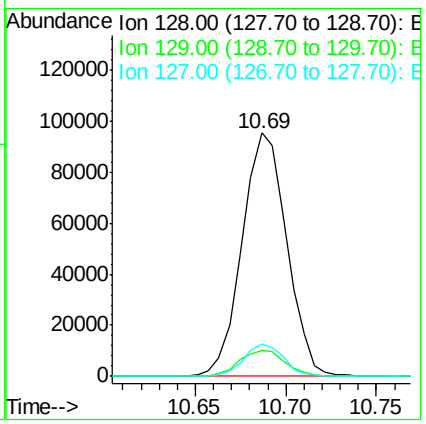


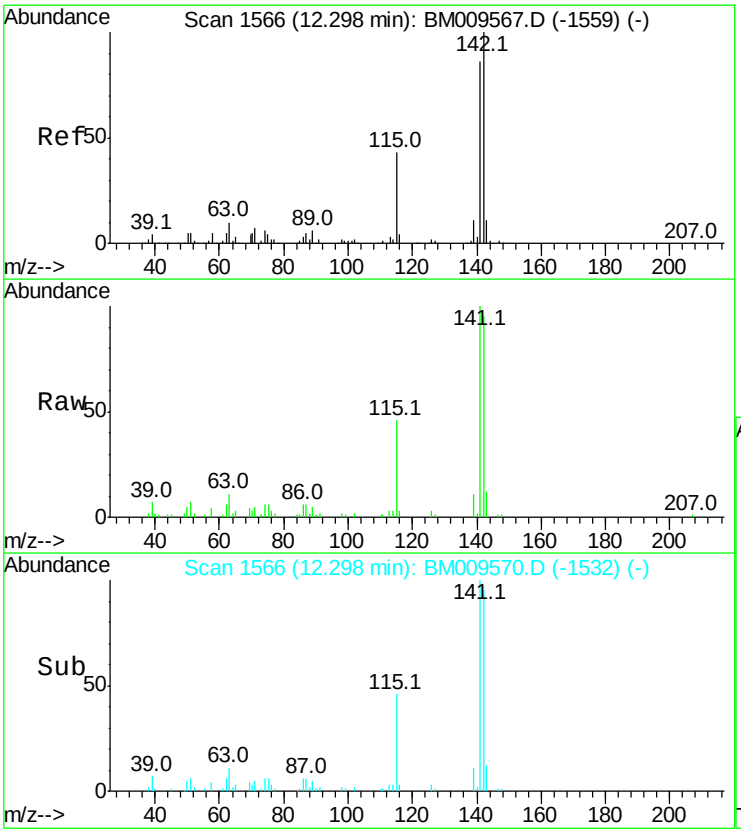
#4
Naphthalene
Concen: 5.59 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:128 Resp: 163376

Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	13.2	10.6	15.8

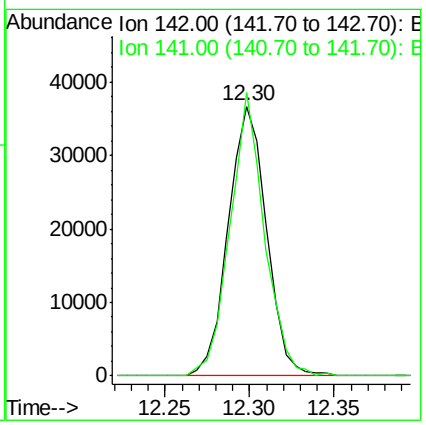


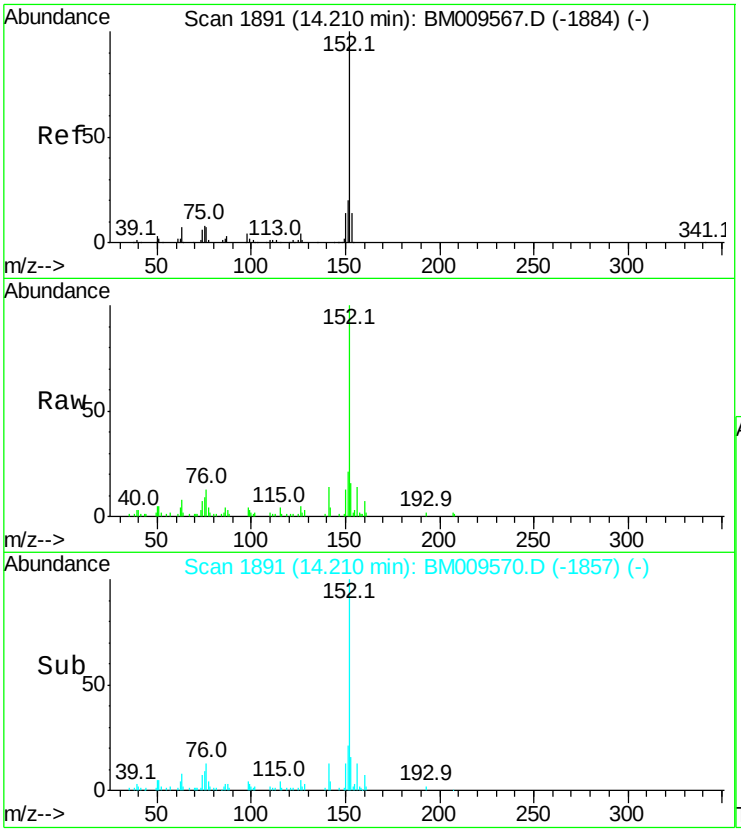


#5
2-Methylnaphthalene
Concen: 2.72 ng/ul
RT: 12.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:142 Resp: 57933

Ion	Ratio	Lower	Upper
142	100		
141	105.0	69.8	104.8#



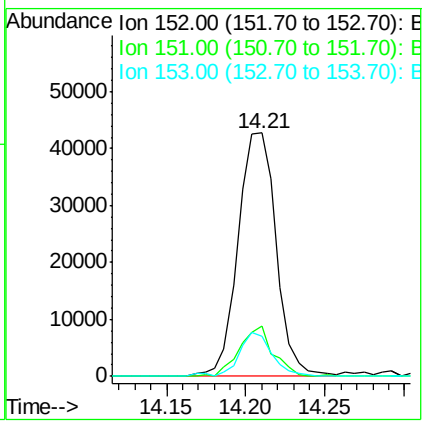


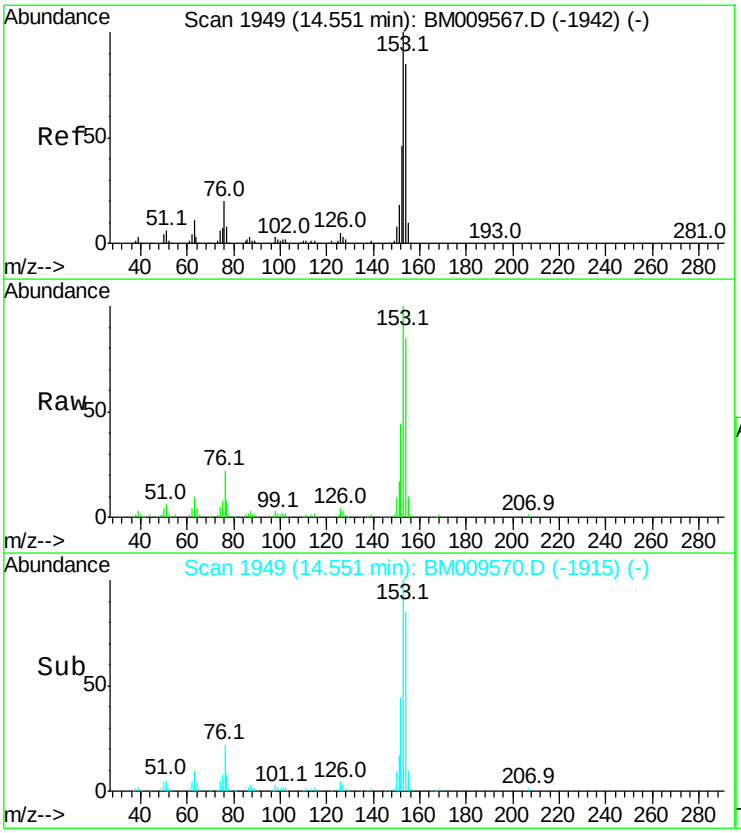
#8
Acenaphthylene
Concen: 2.19 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:152 Resp: 71551

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.5	26.3
153	16.5	10.6	16.0#

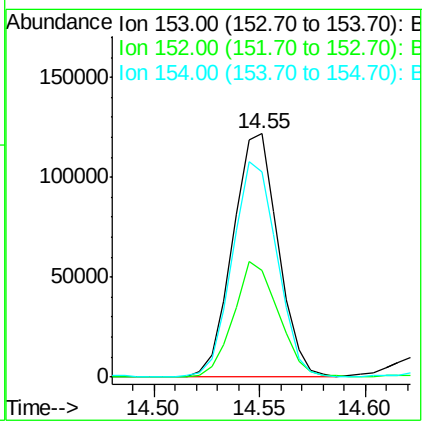


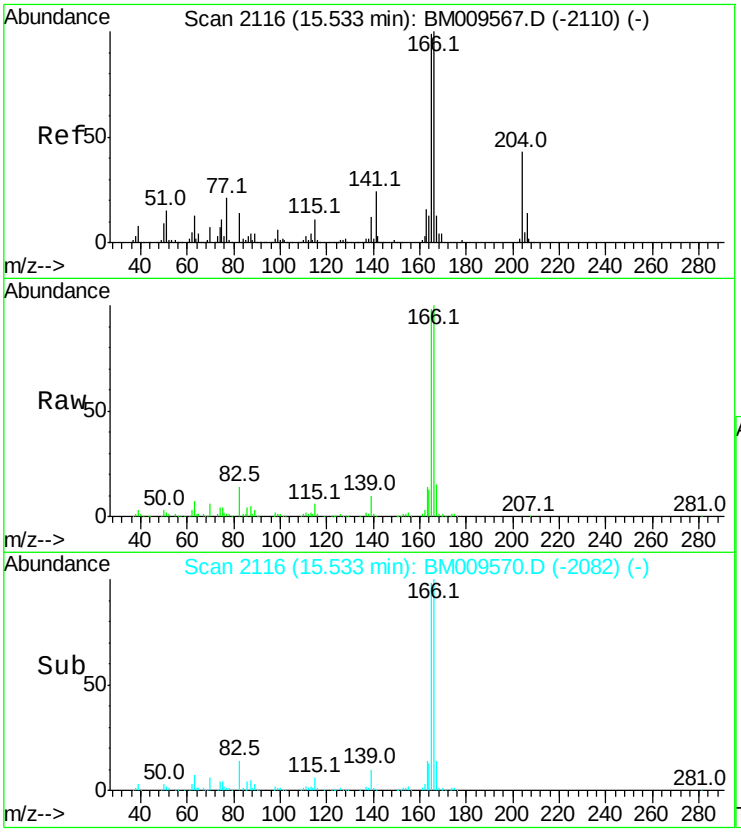


#9
Acenaphthene
Concen: 8.04 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:153 Resp: 181271

Ion	Ratio	Lower	Upper
153	100		
152	43.7	37.9	56.9
154	84.5	71.6	107.4



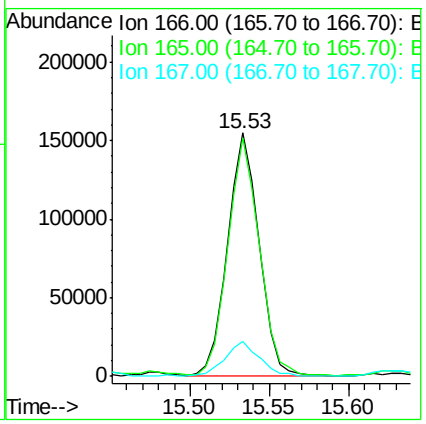


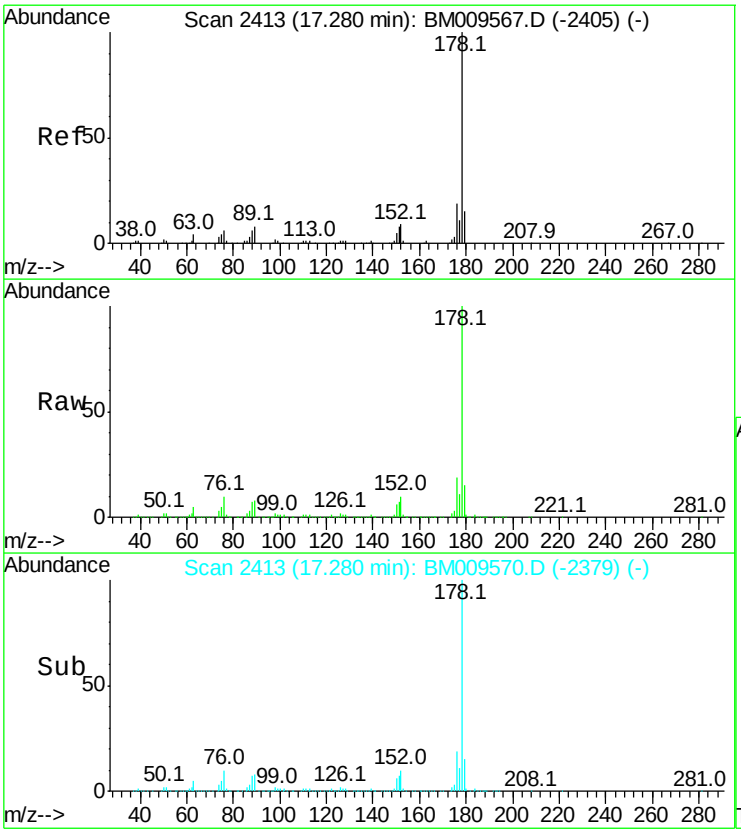
#11
Fluorene
Concen: 7.79 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:166 Resp: 214238

Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.0	120.0
167	14.6	11.6	17.4

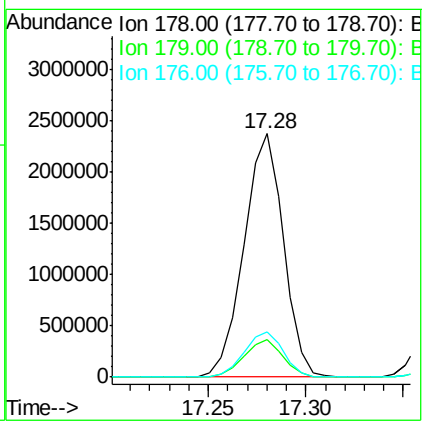


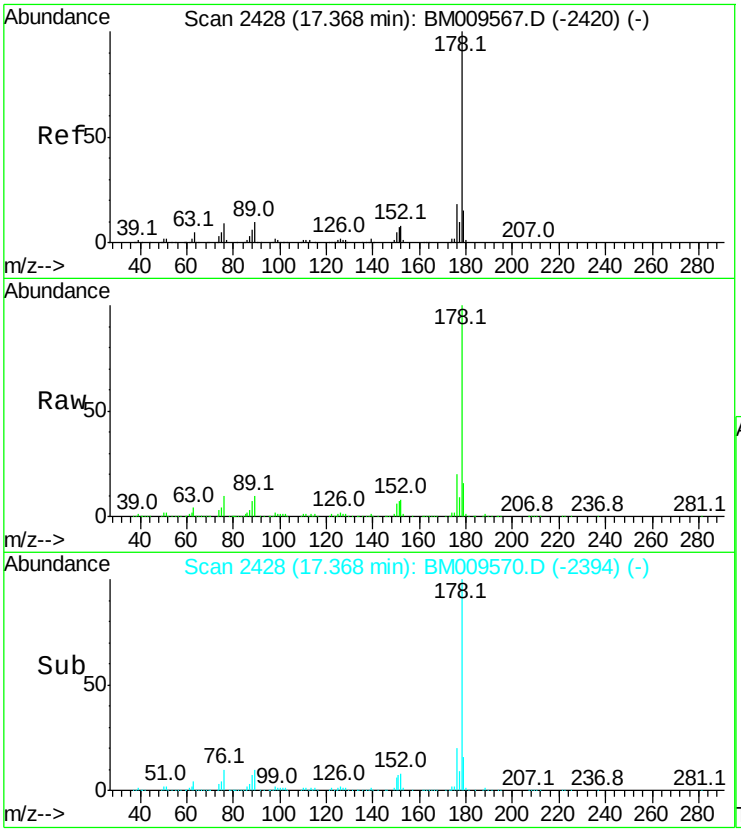


#14
Phenanthrene
Concen: 75.23 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:178 Resp: 3309075

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	18.6	16.4	24.6



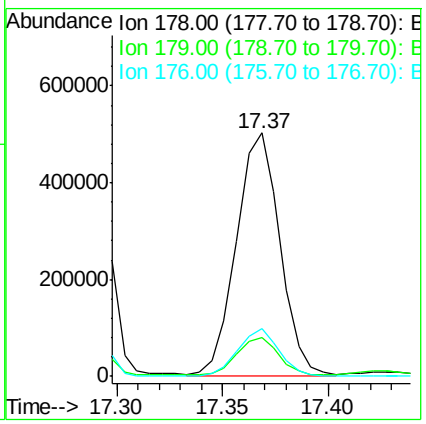


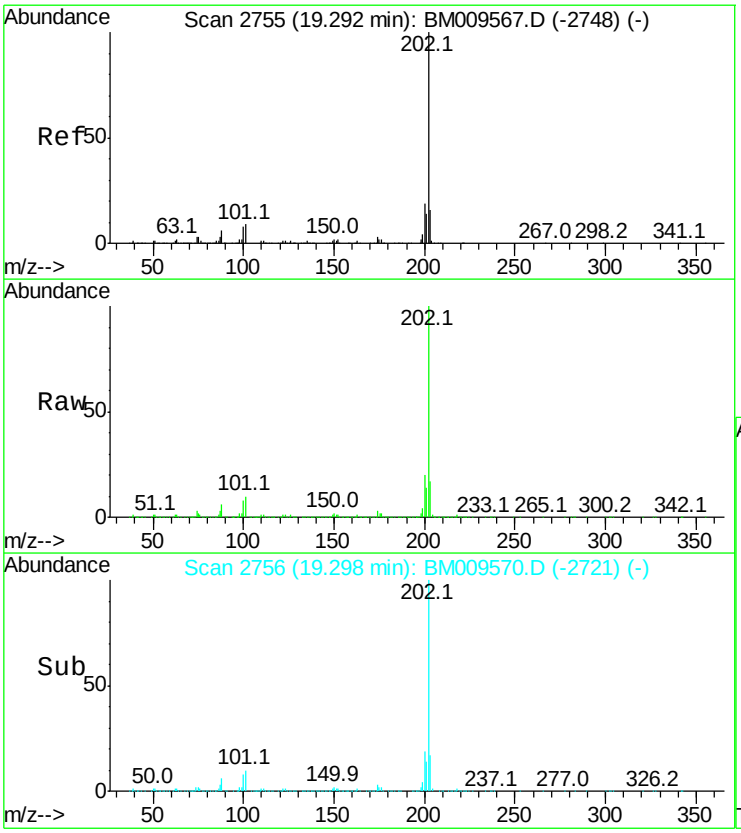
#16
Anthracene
Concen: 15.77 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:178 Resp: 717413

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.6	15.8	23.8

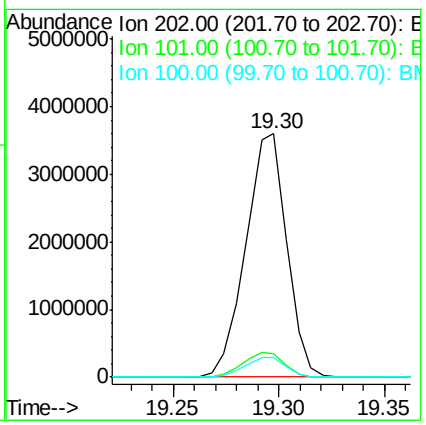


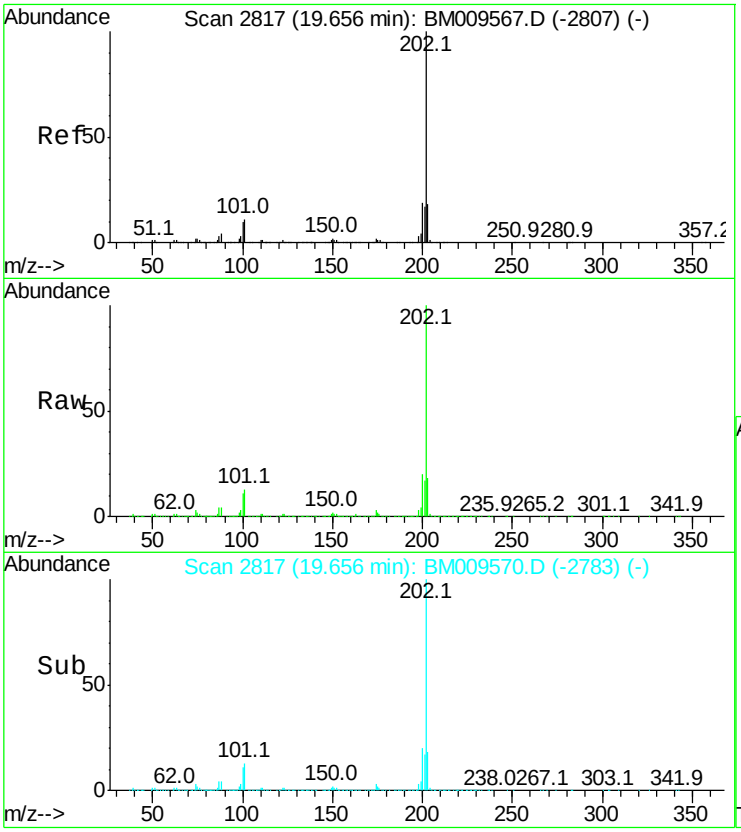


#17
Fluoranthene
Concen: 88.49 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:202 Resp: 4847403

Ion	Ratio	Lower	Upper
202	100		
101	9.9	9.8	14.8
100	8.0	7.5	11.3



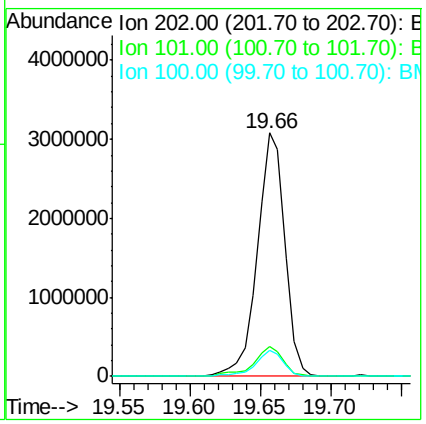


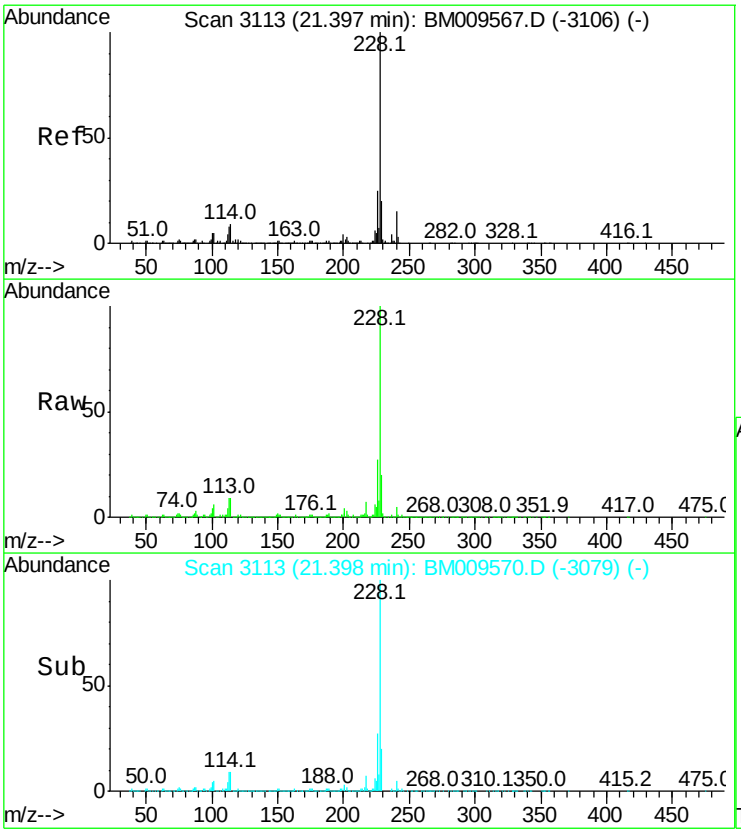
#20
Pyrene
Concen: 73.14 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:202 Resp: 4227014

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.2	16.8
100	10.9	9.8	14.6

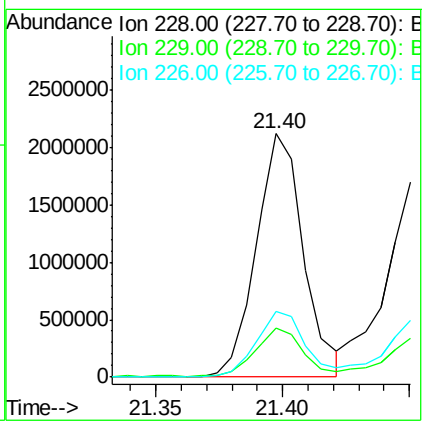


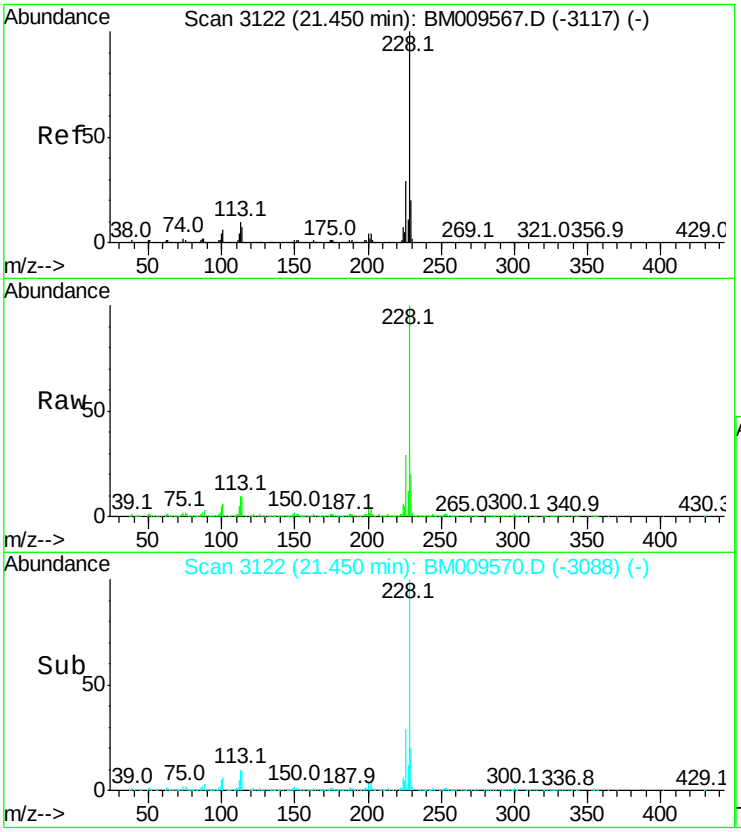


#21
Benzo(a)anthracene
Concen: 45.56 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:228 Resp: 2734199

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	27.2	22.1	33.1



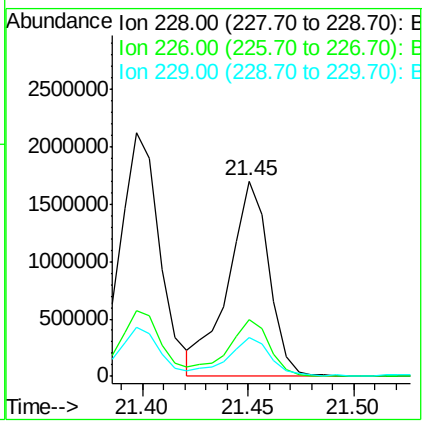


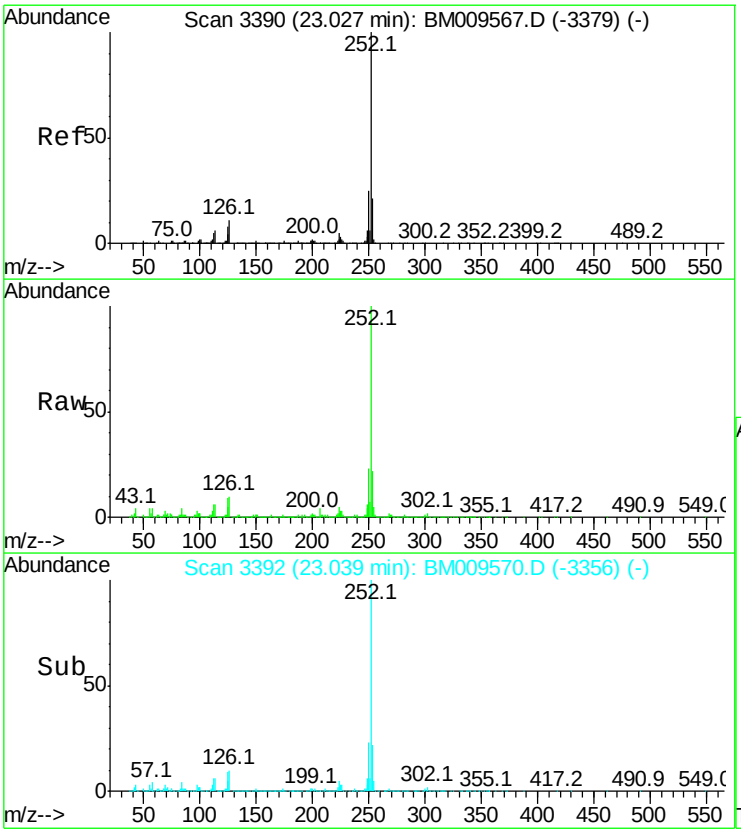
#22
Chrysene
Concen: 41.22 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:228 Resp: 2267485

Ion	Ratio	Lower	Upper
228	100		
226	29.3	25.0	37.6
229	19.8	16.6	25.0

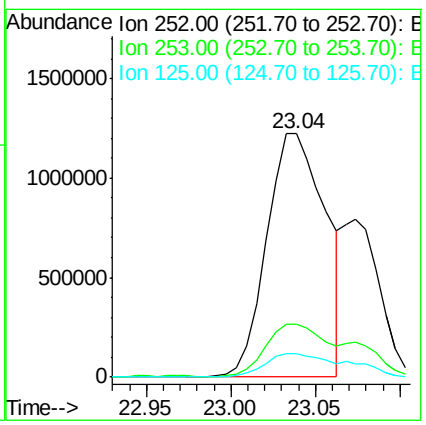


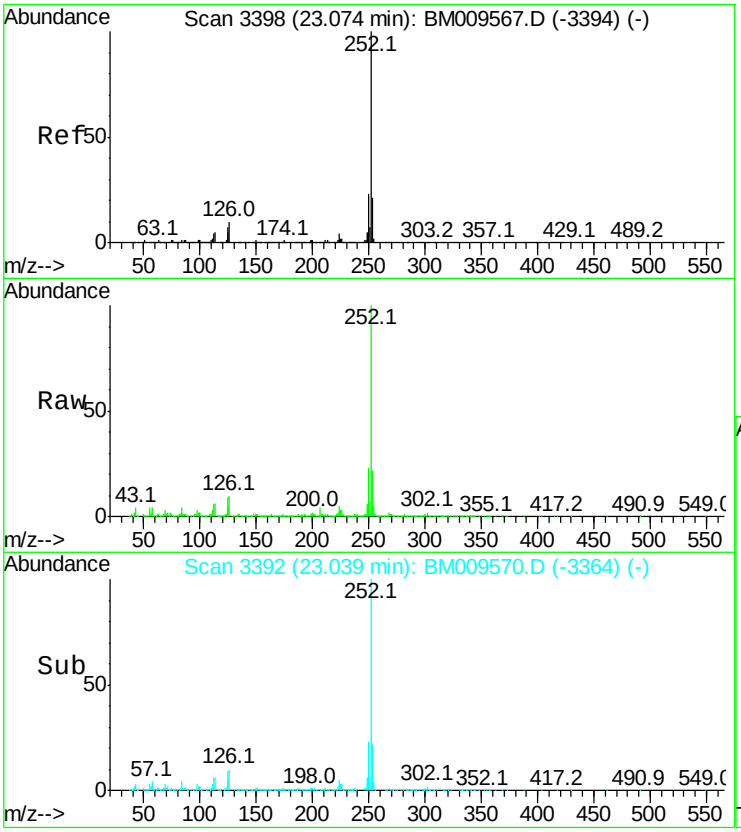


#24
Benzo(b)fluoranthene
Concen: 46.47 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:252 Resp: 2924072

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	9.5	9.4	14.0



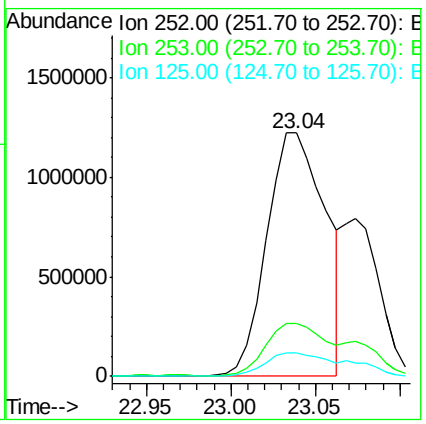


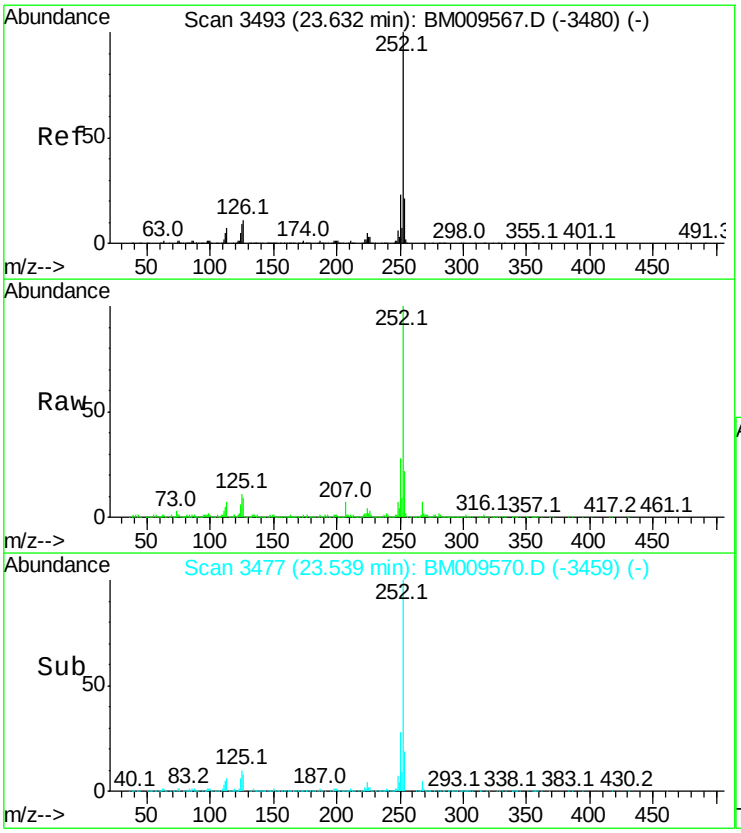
#25
Benzo(k)fluoranthene
Concen: 48.77 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:252 Resp: 2924072

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.5	8.8	13.2

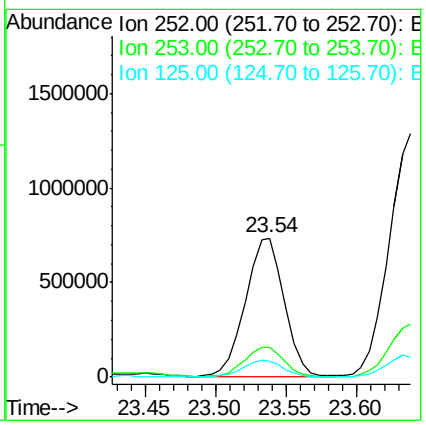


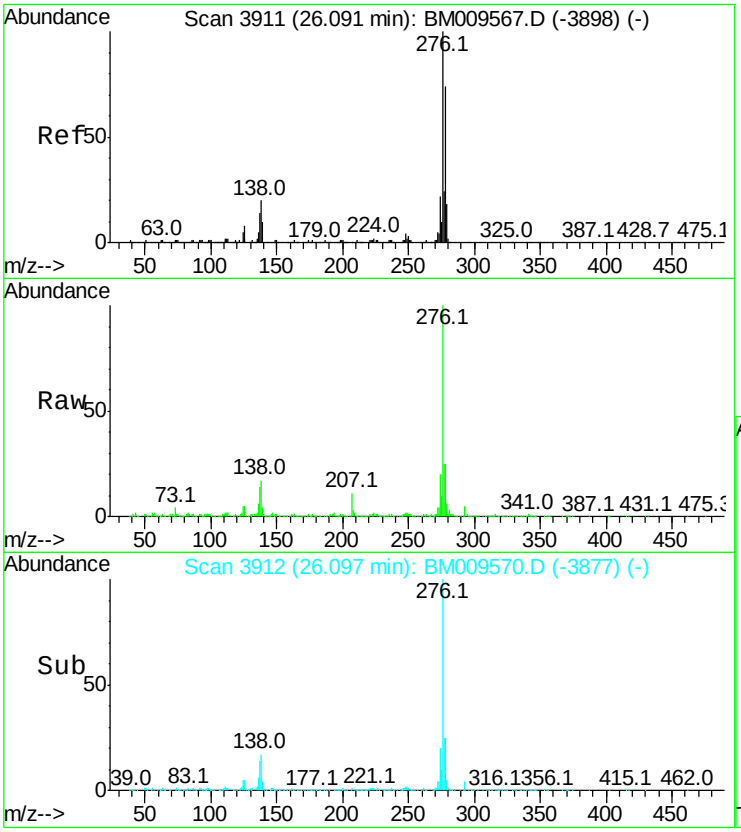


#27
Benzo(a)pyrene
Concen: 23.46 ng/ul
RT: 23.54 min Scan# 3477
Delta R.T. -0.09 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:252 Resp: 1403285

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	11.1	9.4	14.2



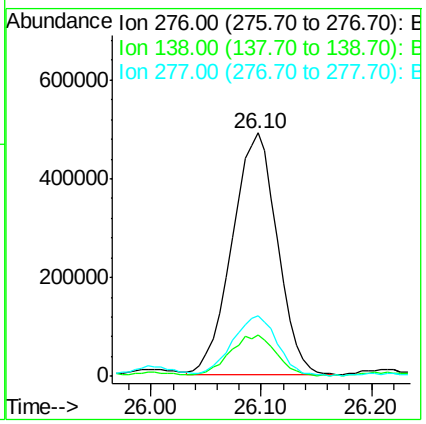


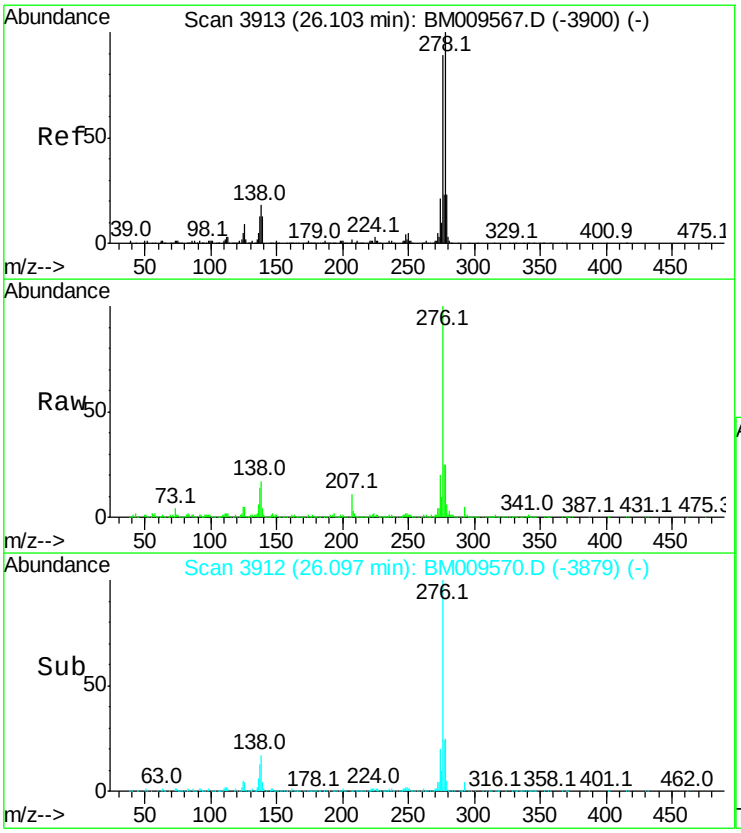
#28
Indeno(1,2,3-cd)pyrene
Concen: 20.98 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. 0.01 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:276 Resp: 1407022

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.8	26.6#
277	24.8	19.4	29.0

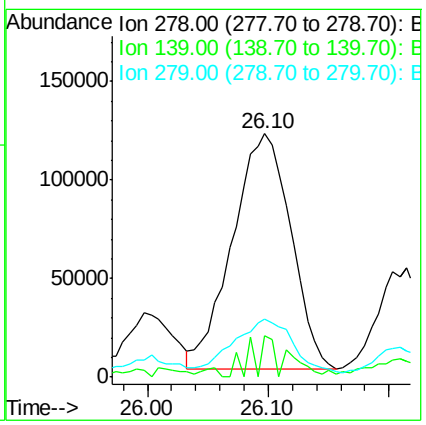


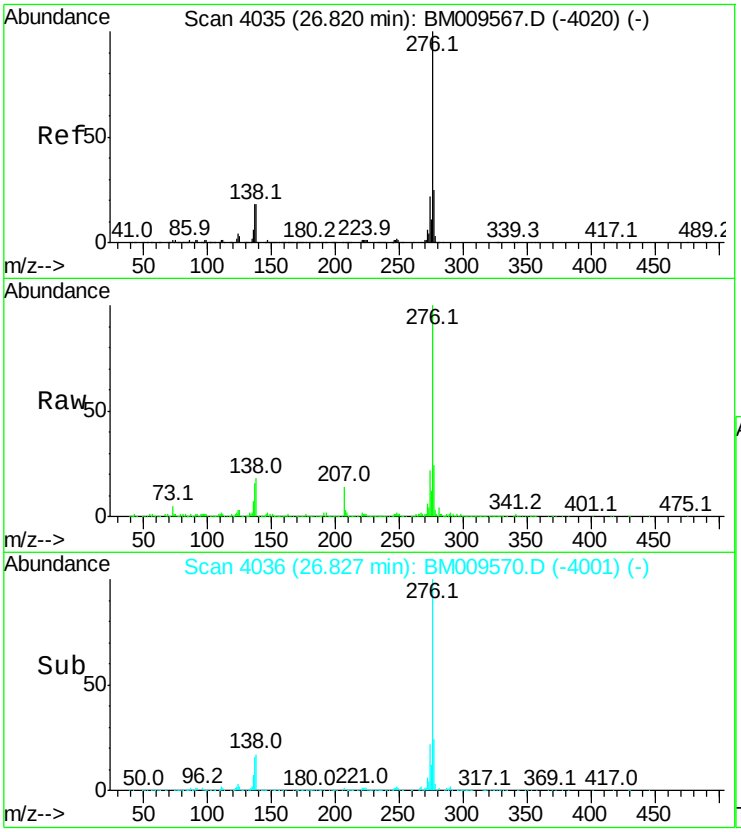


#29
Dibenzo(a,h)anthracene
Concen: 7.05 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Tgt Ion:278 Resp: 402039

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.0	21.0
279	23.7	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 21.40 ng/ul
RT: 26.83 min Scan# 4036
Delta R.T. 0.01 min
Lab File: BM009570.D
Acq: 05 Apr 2017 22:34

Instrument :
BNA_M
ClientSampleId :
CB343

Tgt Ion:276 Resp: 1183465

Ion	Ratio	Lower	Upper
276	100		
138	17.5	19.0	28.4#
277	24.2	19.7	29.5