Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009569.D
Acq On : 05 Apr 2017 21:58
Operator : SJ/MA
Sample : I2285-20
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB342

Quant Time: Apr 06 03:48:32 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	149826	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	561958	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	322820	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	782425	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1091973	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1038979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	11751	1.36	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	378759	11.97	ng/ul	0.00
10) Fluorene-d10	15.48	176	299550	13.16	ng/ul	0.00
15) Anthracene-d10	17.33	188	495028	13.22	ng/ul	0.00
19) Pyrene-d10	19.63	212	606353	13.51	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	606659	13.22	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.69	128	119750	4.16	ng/ul	99
5) 2-Methylnaphthalene	12.30	142	40352	1.92	ng/ul	90
8) Acenaphthylene	14.21	152	74641	2.35	ng/ul	98
9) Acenaphthene	14.55	153	128267	5.87	ng/ul	98
11) Fluorene	15.53	166	176587	6.62	ng/ul	97
14) Phenanthrene	17.28	178	2690138	61.15	ng/ul	97
16) Anthracene	17.37	178	612277	13.46	ng/ul	96
17) Fluoranthene	19.30	202	4004225	73.09	ng/ul#	94
20) Pyrene	19.66	202	3495138	58.78	ng/ul	96
21) Benzo(a)anthracene	21.40	228	2222258	36.00	ng/ul	99
22) Chrysene	21.45	228	1842311	32.55	ng/ul	100
24) Benzo(b)fluoranthene	23.04	252	2607690	40.58	ng/ul	98
25) Benzo(k)fluoranthene	23.04	252	2607690	42.59	ng/ul	98
27) Benzo(a)pyrene	23.63	252	1851462	30.31	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	1090408	15.92	ng/ul#	94
29) Dibenzo(a,h)anthracene	26.10	278	324129	5.57	ng/ul#	81
30) Benzo(g,h,i)perylene	26.83	276	954306	16.90	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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Acq On : 05 Apr 2017 21:58
Operator : SJ/MA
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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Quant Title : SVOA CALIBRATION
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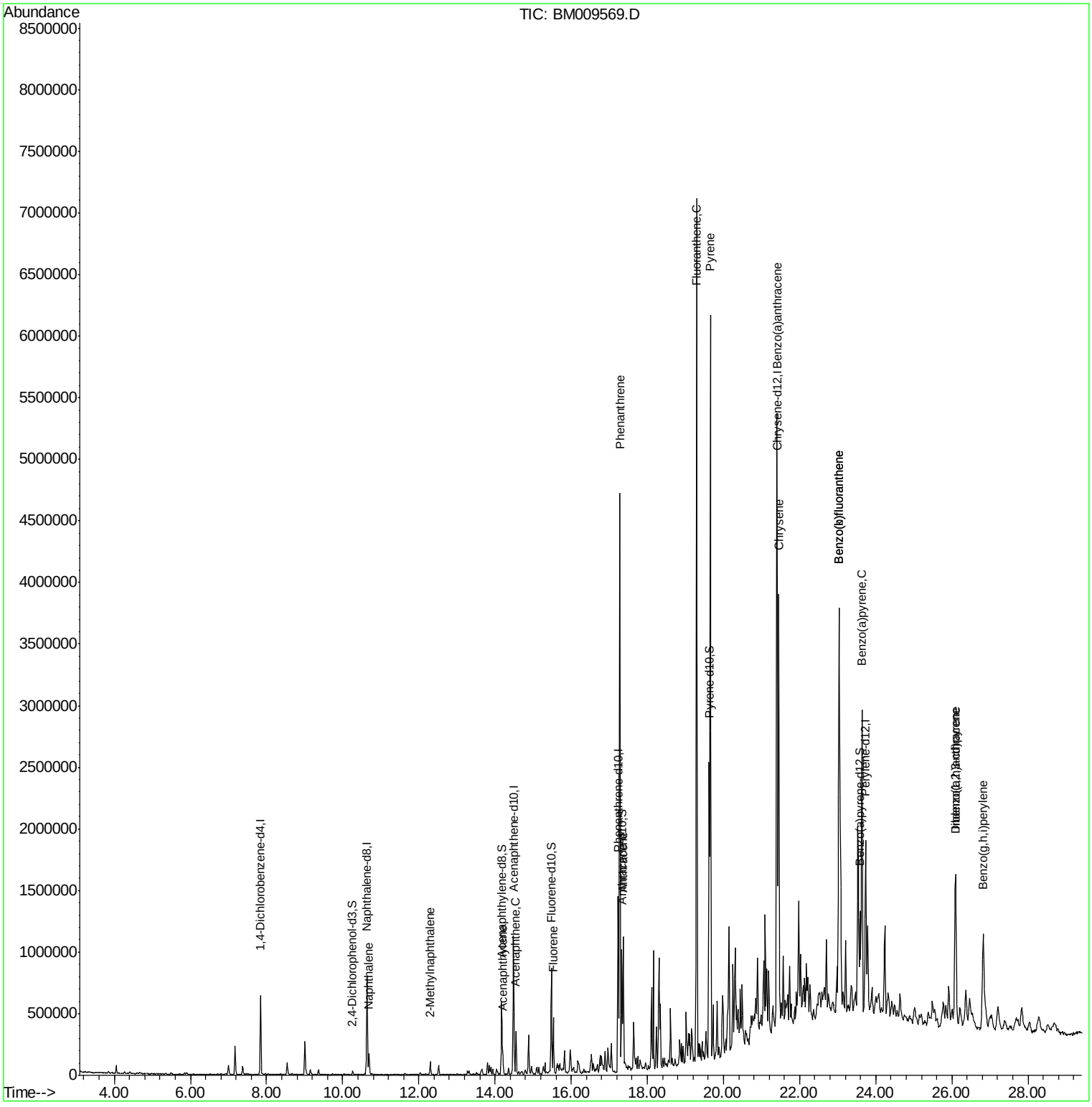
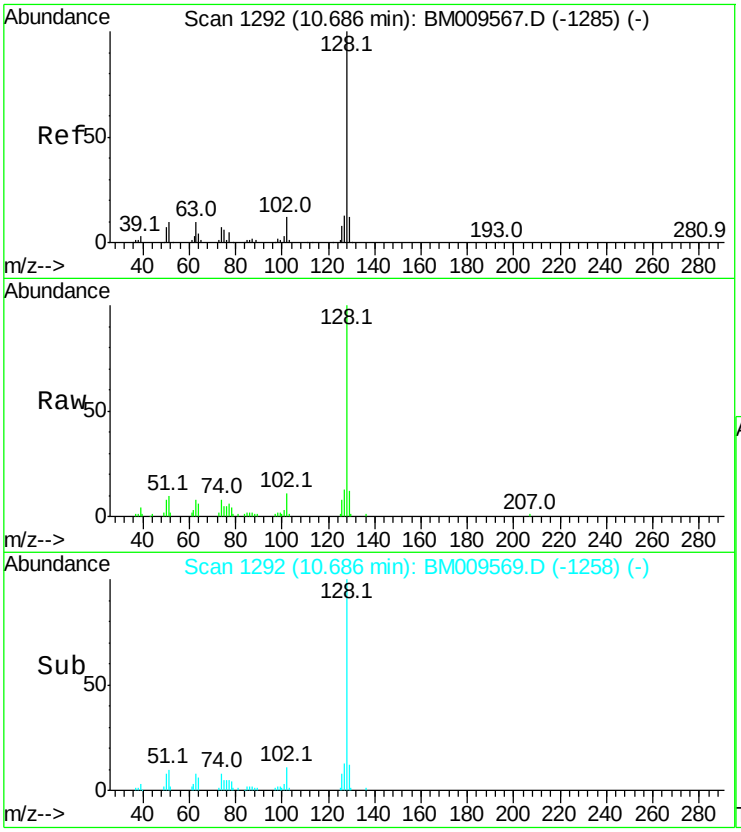


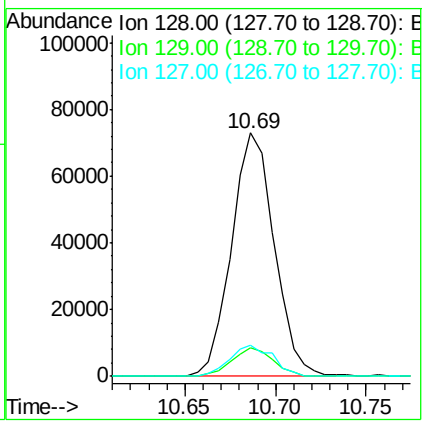


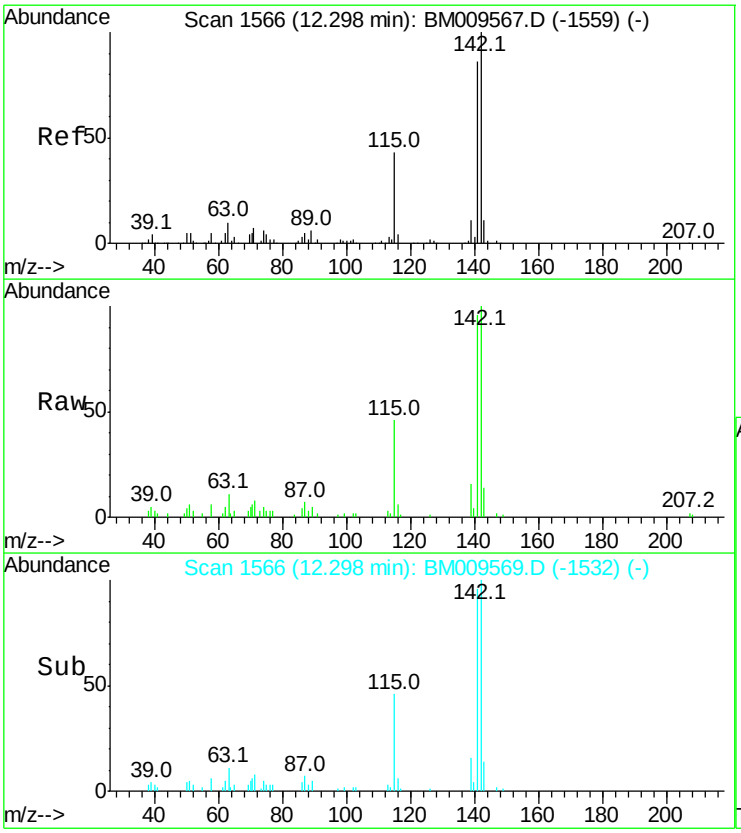
#4
Naphthalene
Concen: 4.16 ng/ul
RT: 10.69 min Scan# 1292
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:128 Resp: 119750

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.0	10.6	15.8

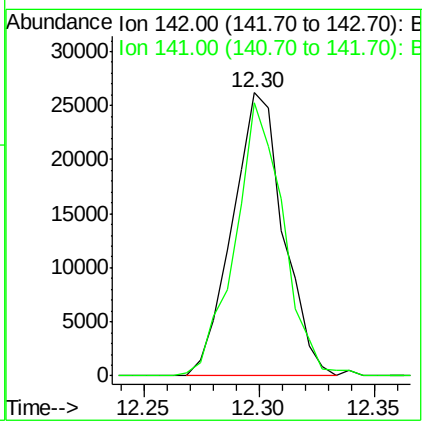


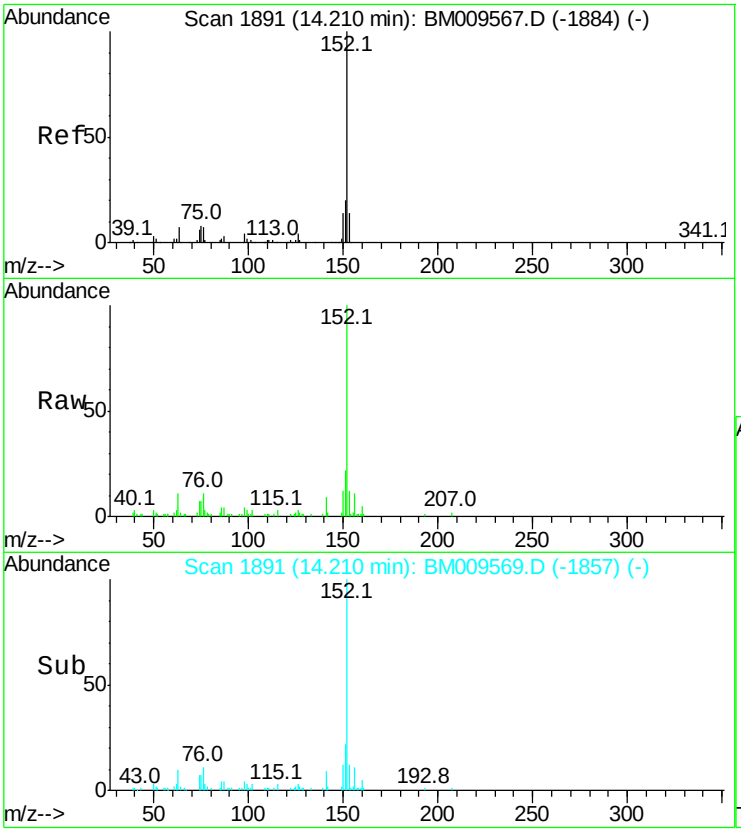


#5
2-Methylnaphthalene
Concen: 1.92 ng/ul
RT: 12.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:142 Resp: 40352

Ion	Ratio	Lower	Upper
142	100		
141	96.4	69.8	104.8



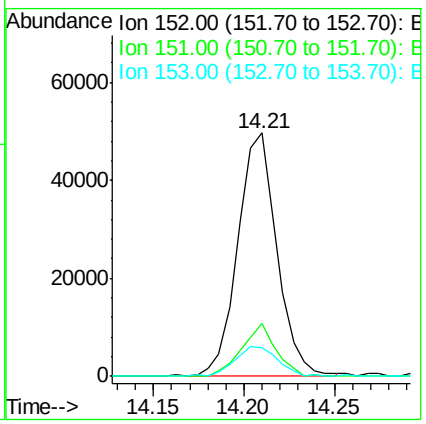


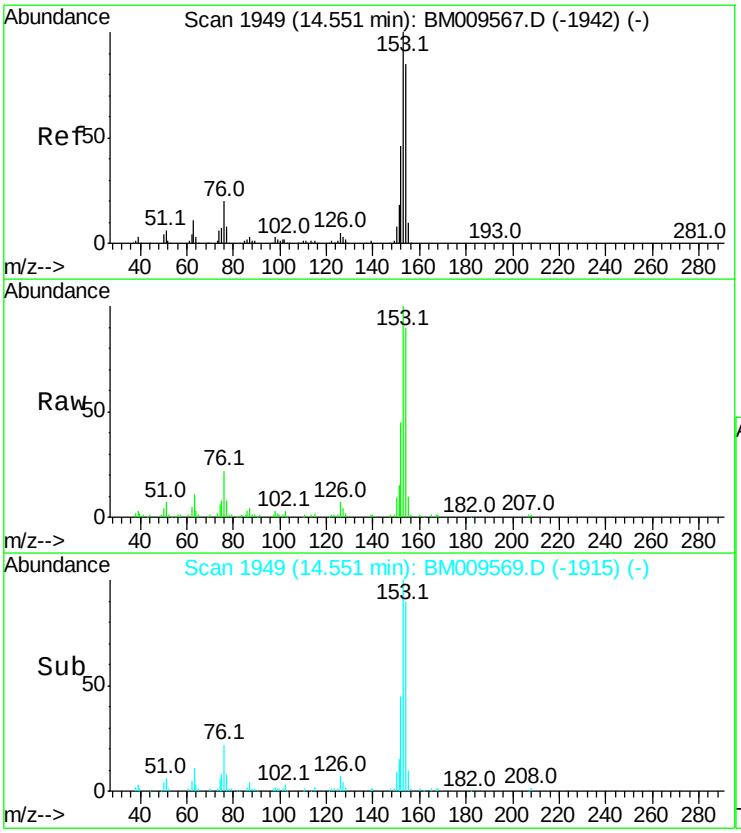
#8
Acenaphthylene
Concen: 2.35 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:152 Resp: 74641

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.5	26.3
153	11.8	10.6	16.0

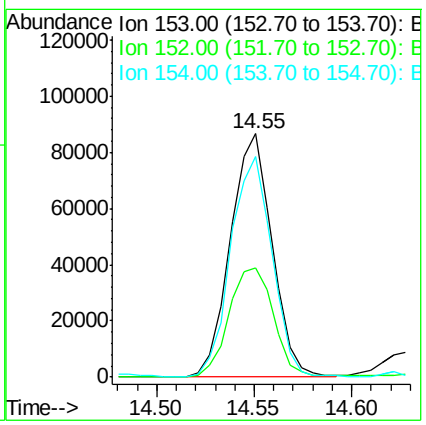


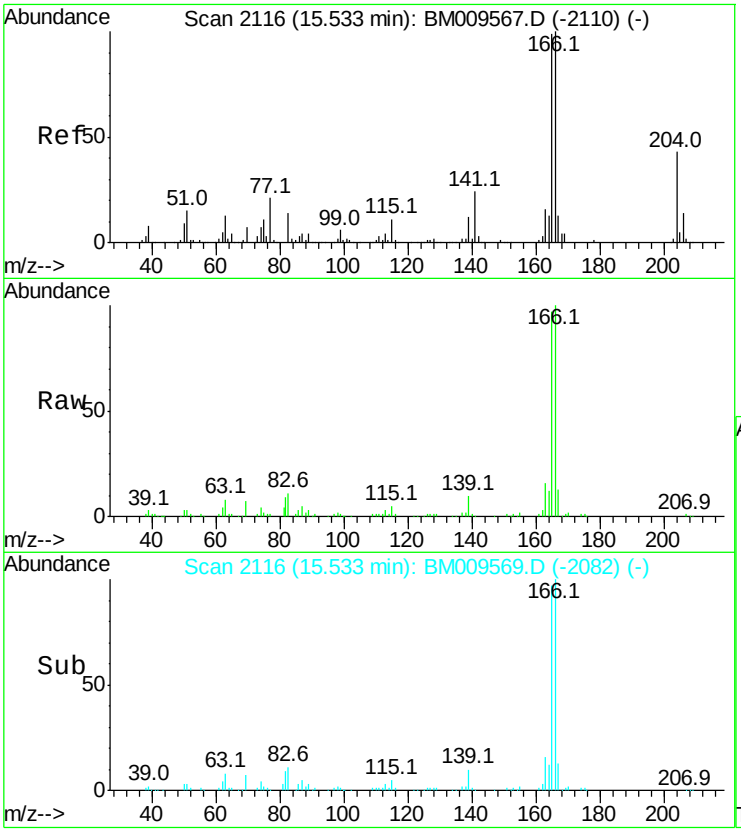


#9
Acenaphthene
Concen: 5.87 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:153 Resp: 128267

Ion	Ratio	Lower	Upper
153	100		
152	44.8	37.9	56.9
154	90.4	71.6	107.4



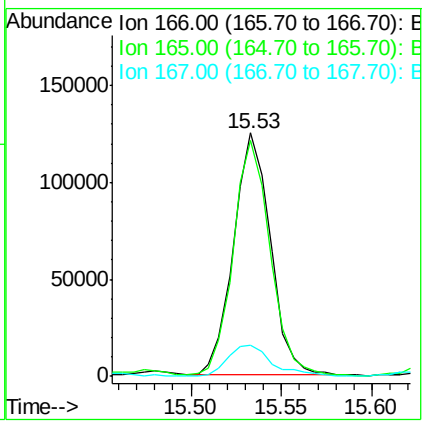


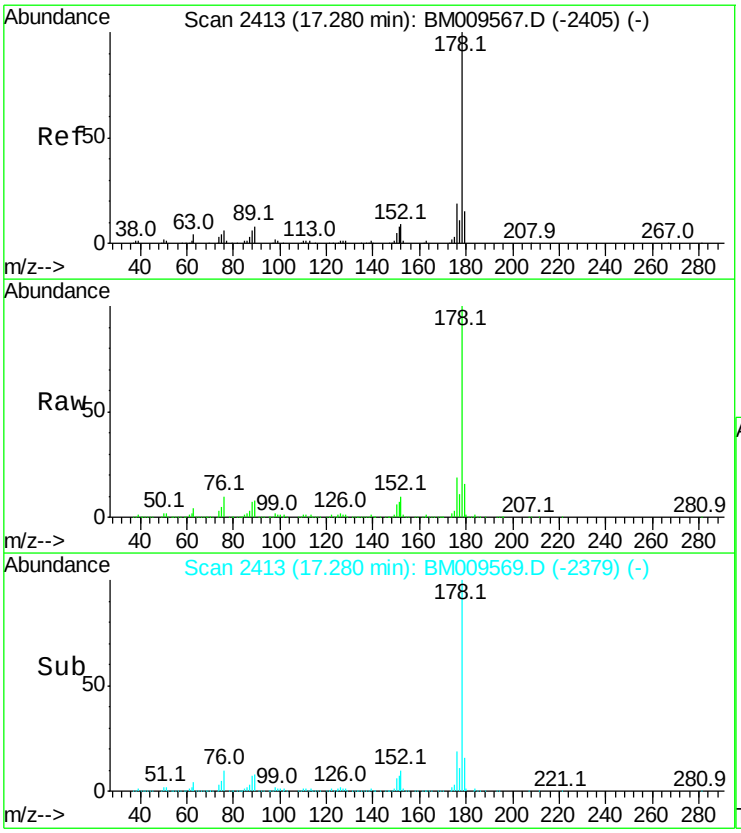
#11
Fluorene
Concen: 6.62 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:166 Resp: 176587

Ion	Ratio	Lower	Upper
166	100		
165	96.9	80.0	120.0
167	12.9	11.6	17.4

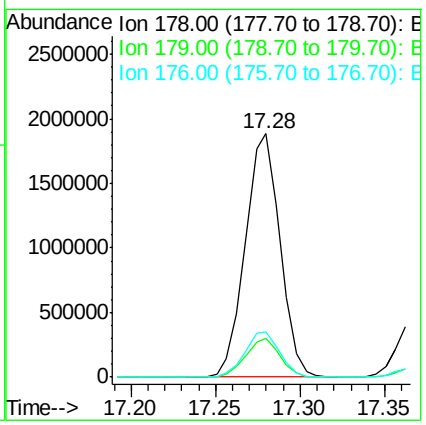


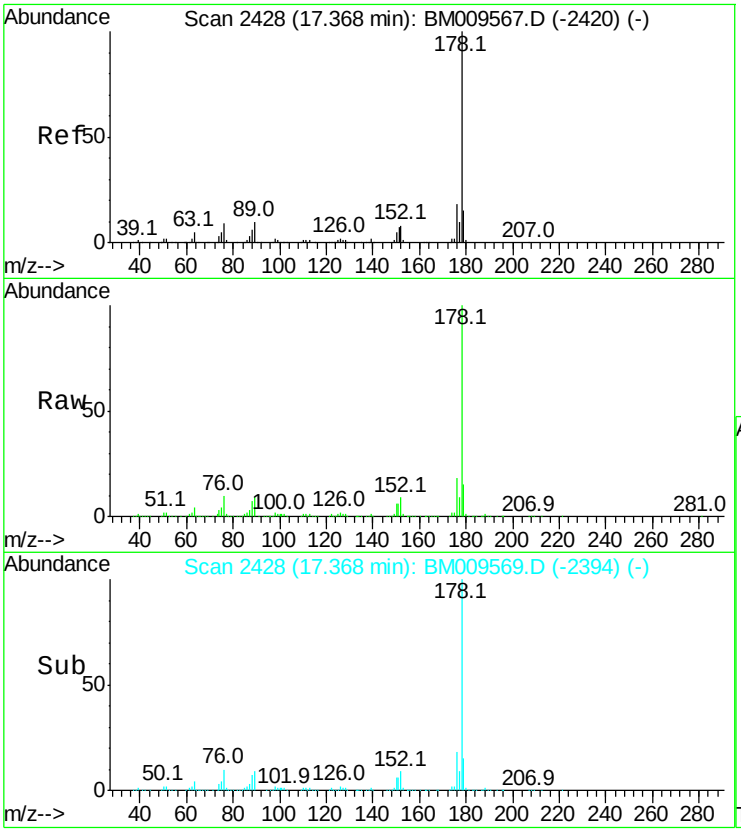


#14
Phenanthrene
Concen: 61.15 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:178 Resp: 2690138

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.2	18.4
176	18.8	16.4	24.6



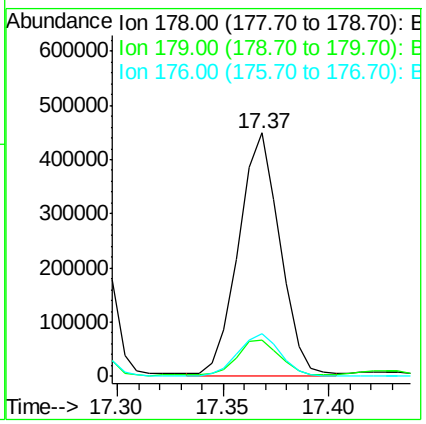


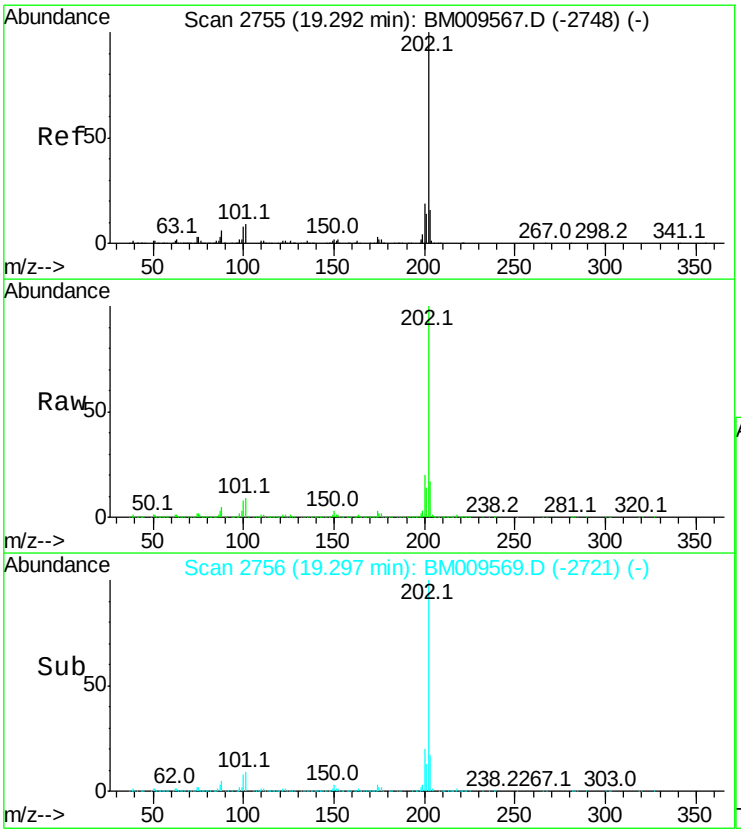
#16
Anthracene
Concen: 13.46 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:178 Resp: 612277

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.7	19.1
176	17.8	15.8	23.8

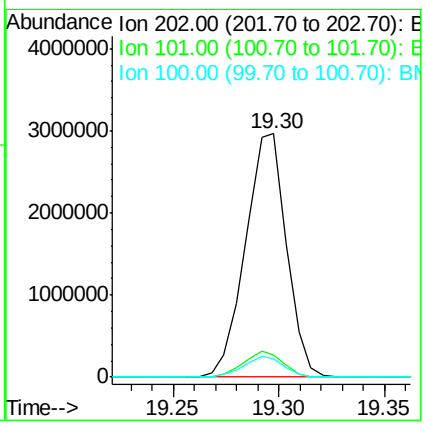


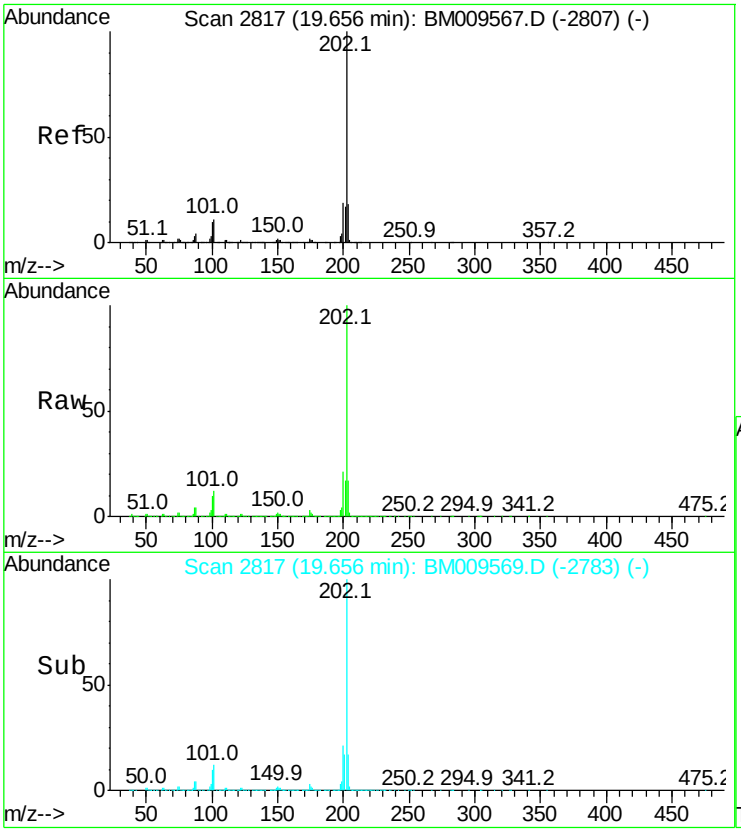


#17
Fluoranthene
Concen: 73.09 ng/ul
RT: 19.30 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:202 Resp: 4004225

Ion	Ratio	Lower	Upper
202	100		
101	9.3	9.8	14.8#
100	7.7	7.5	11.3



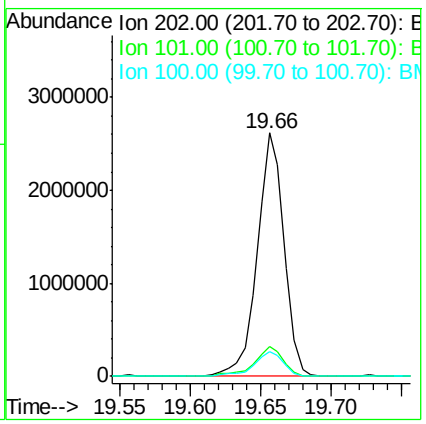


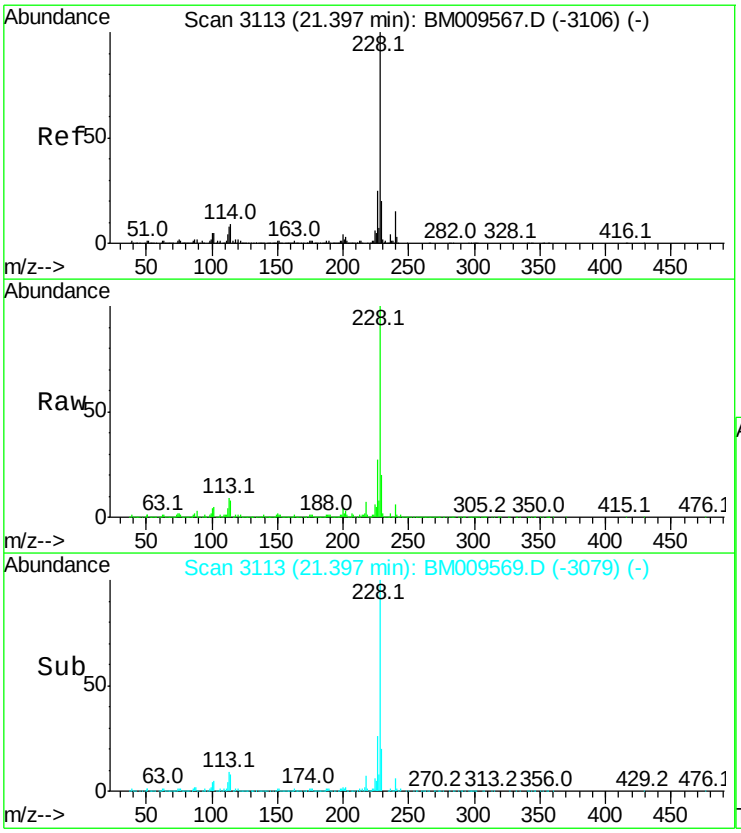
#20
Pyrene
Concen: 58.78 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:202 Resp: 3495138

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

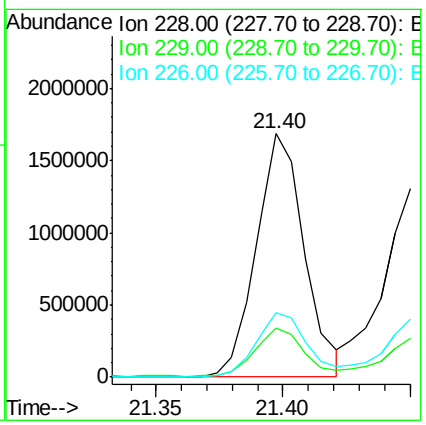


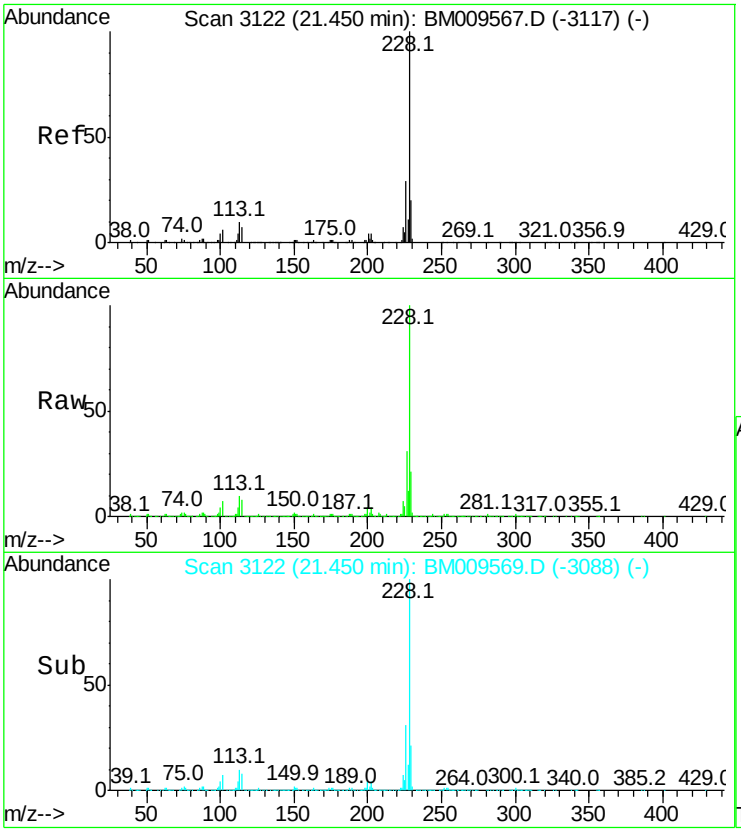


#21
Benzo(a)anthracene
Concen: 36.00 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:228 Resp: 2222258

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	26.6	22.1	33.1



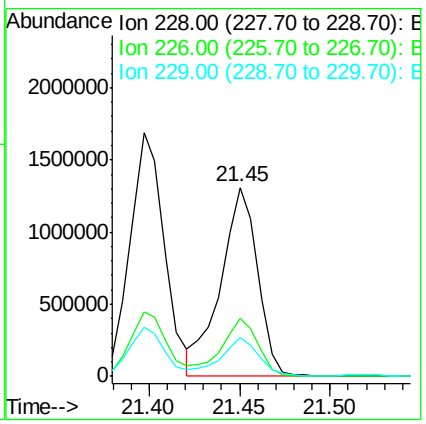


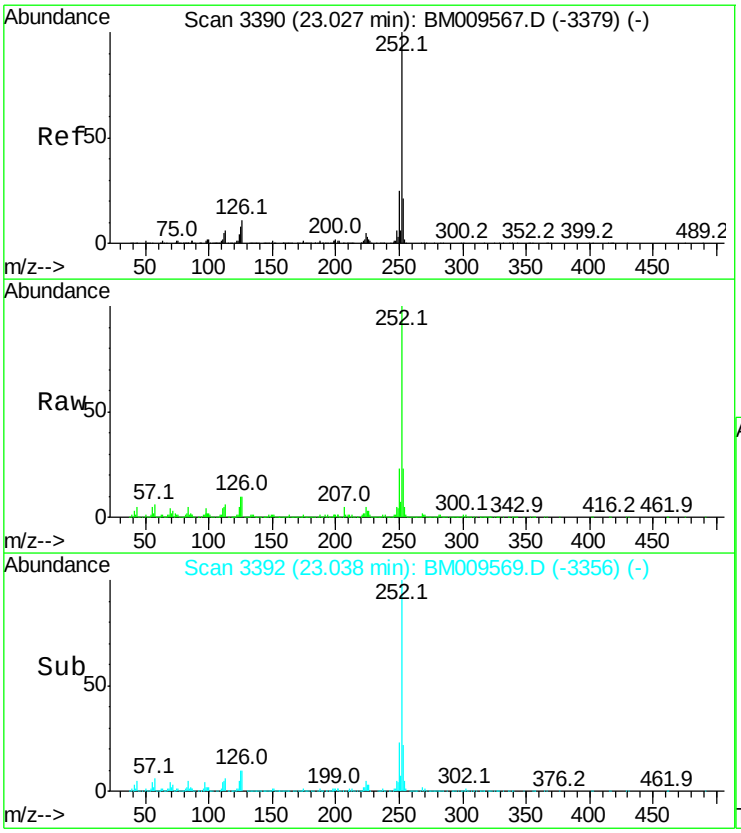
#22
Chrysene
Concen: 32.55 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:228 Resp: 1842311

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.8	16.6	25.0

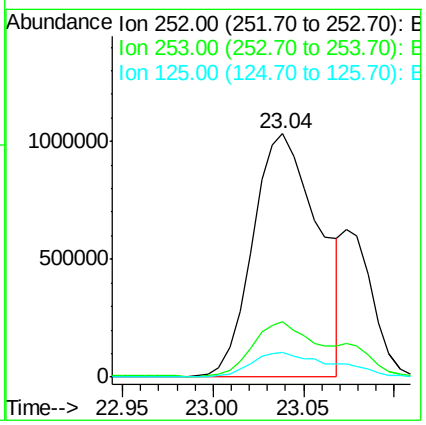


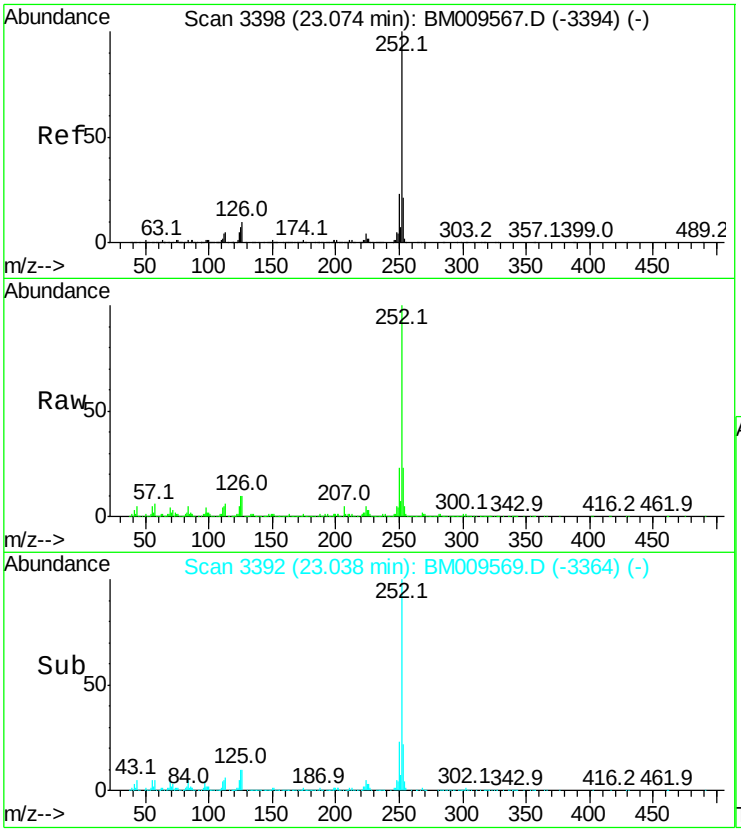


#24
Benzo(b)fluoranthene
Concen: 40.58 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:252 Resp: 2607690

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.0	9.4	14.0



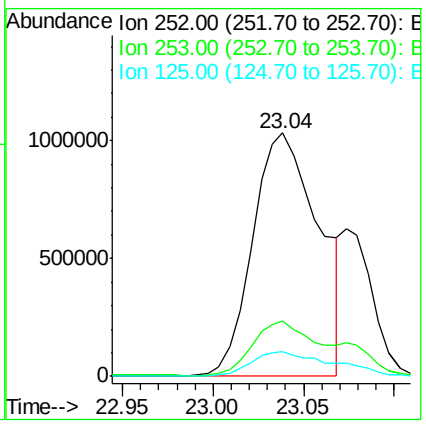


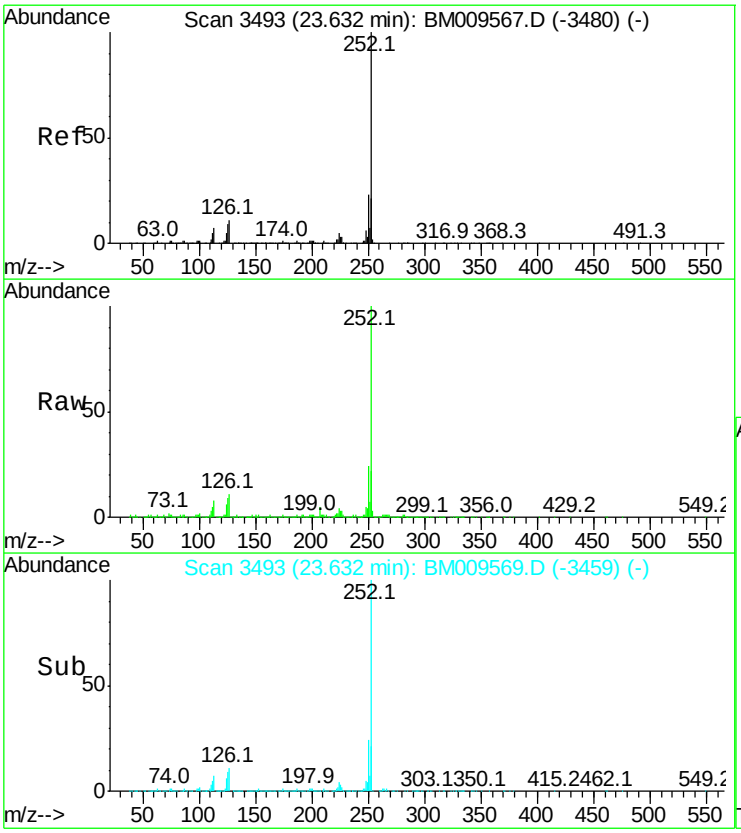
#25
Benzo(k)fluoranthene
Concen: 42.59 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:252 Resp: 2607690

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	10.0	8.8	13.2

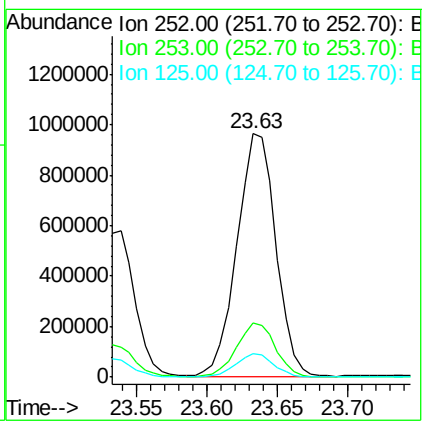


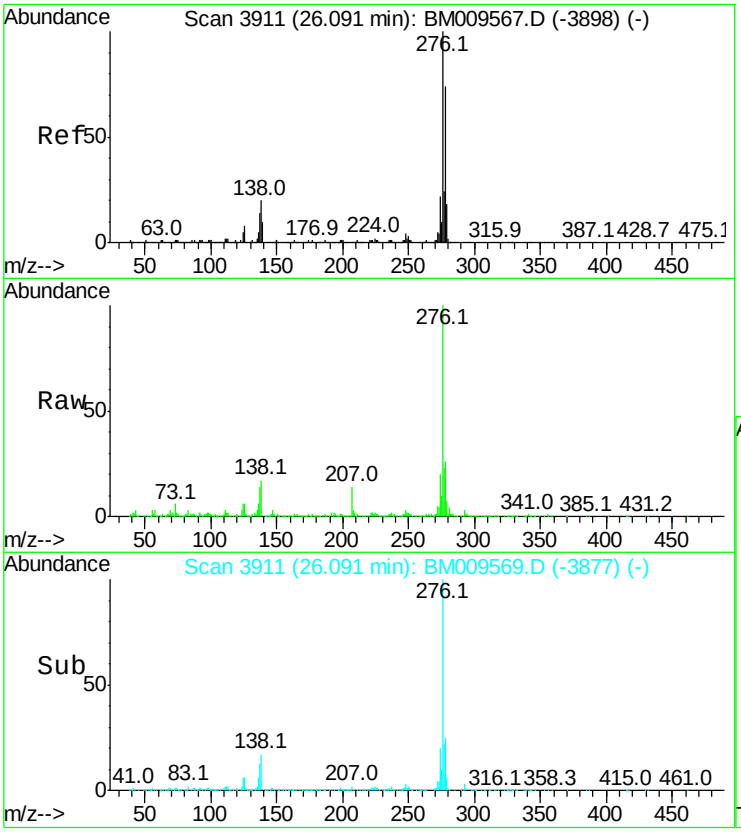


#27
Benzo(a)pyrene
Concen: 30.31 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:252 Resp: 1851462

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	9.5	9.4	14.2



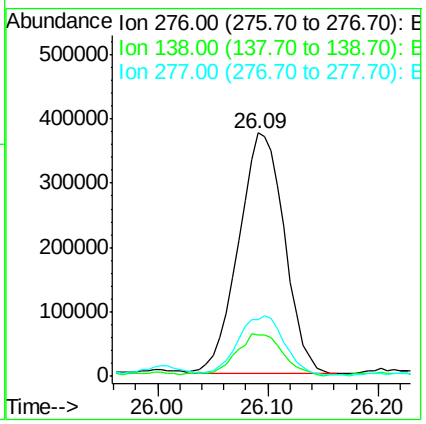


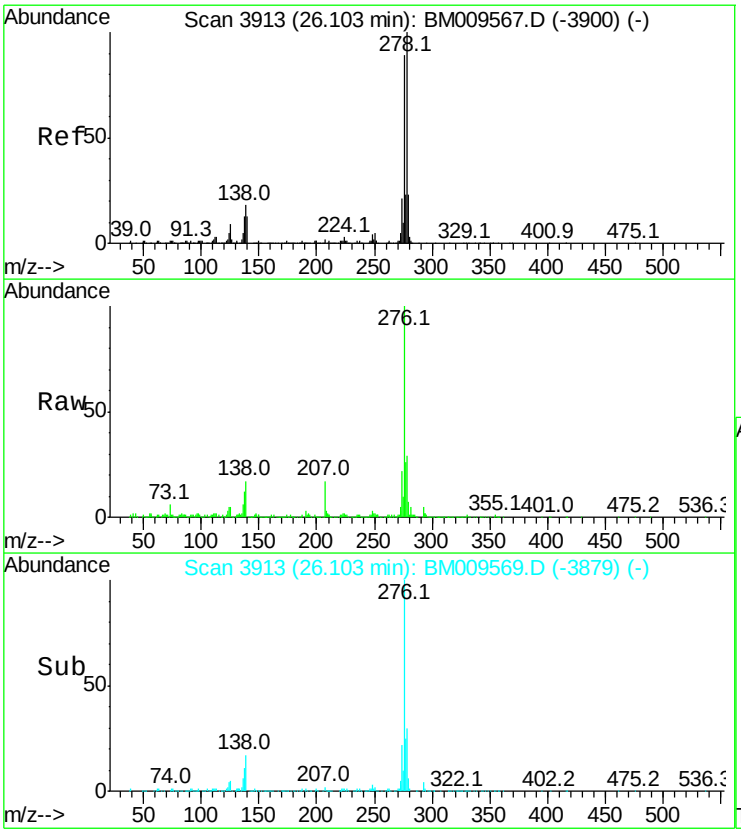
#28
Indeno(1,2,3-cd)pyrene
Concen: 15.92 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:276 Resp: 1090408

Ion	Ratio	Lower	Upper
276	100		
138	16.9	17.8	26.6#
277	23.2	19.4	29.0

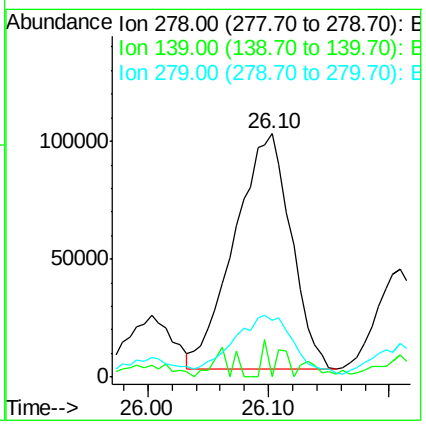


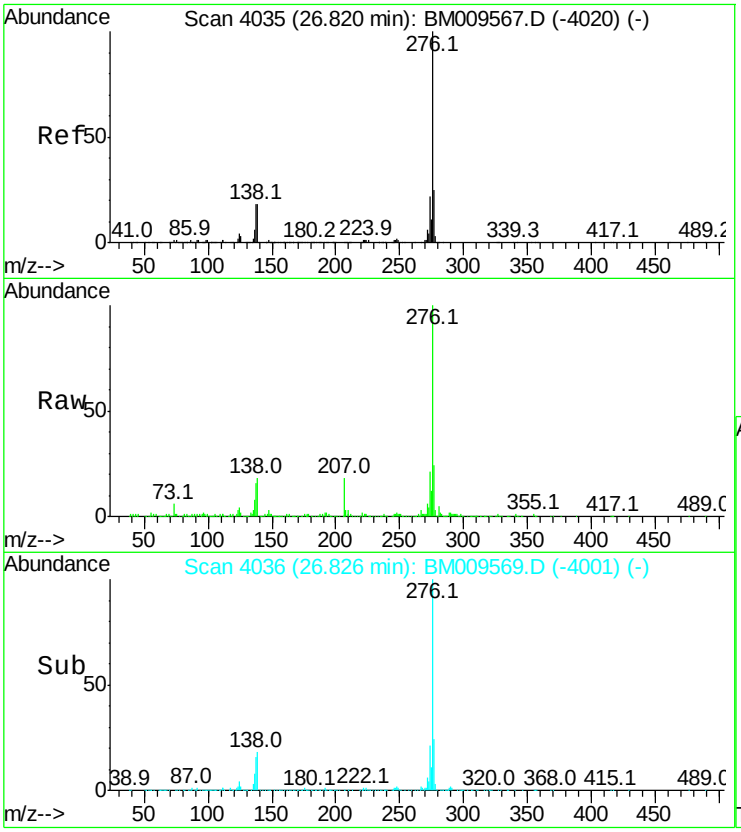


#29
Dibenzo(a,h)anthracene
Concen: 5.57 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Tgt Ion:278 Resp: 324129

Ion	Ratio	Lower	Upper
278	100		
139	0.0	14.0	21.0#
279	23.0	20.6	31.0





#30
Benzo(g,h,i)perylene
Concen: 16.90 ng/ul
RT: 26.83 min Scan# 4036
Delta R.T. 0.01 min
Lab File: BM009569.D
Acq: 05 Apr 2017 21:58

Instrument :
BNA_M
ClientSampleId :
CB342

Tgt Ion:276 Resp: 954306

Ion	Ratio	Lower	Upper
276	100		
138	17.9	19.0	28.4#
277	24.0	19.7	29.5