Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040717\
Data File : BM009601.D
Acq On : 06 Apr 2017 19:35
Operator : SJ/MA
Sample : I2525-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB370

Quant Time: Apr 07 03:20:04 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 07 03:19:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	133080	20.00	ng/ul	0.00
2) Naphthalene-d8	10.63	136	519129	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	305082	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.33	188	1283250	20.00	ng/ul	0.10
18) Chrysene-d12	21.57	240	1116	20.00	ng/ul	0.15
23) Perylene-d12	23.74	264	836957	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	271443	34.01	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	1091478	36.50	ng/ul	0.00
10) Fluorene-d10	15.48	176	782528	36.39	ng/ul	0.00
15) Anthracene-d10	17.33	188	1283853	20.91	ng/ul	0.00
19) Pyrene-d10	19.63	212	1573310	34305.49	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1599406	43.28	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	14.21	152	48872	1.63	ng/ul	97
9) Acenaphthene	14.55	153	30776	1.49	ng/ul	87
11) Fluorene	15.53	166	35487	1.41	ng/ul	93
14) Phenanthrene	17.37	178	163682	2.27	ng/ul	96
16) Anthracene	17.37	178	160091	2.15	ng/ul	97
20) Pyrene	19.66	202	1665493	27408.68	ng/ul	96
21) Benzo(a)anthracene	21.45	228	1008621	15985.48	ng/ul	97
22) Chrysene	21.45	228	1007105	17413.08	ng/ul	97
24) Benzo(b)fluoranthene	23.04	252	1366141	26.39	ng/ul	99
25) Benzo(k)fluoranthene	23.04	252	1366141	27.70	ng/ul	99
27) Benzo(a)pyrene	23.64	252	892577	18.14	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.10	276	636948	11.54	ng/ul	95
29) Dibenzo(a,h)anthracene	26.10	278	179106	3.82	ng/ul#	78
30) Benzo(g,h,i)perylene	26.83	276	572581	12.59	ng/ul#	94

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

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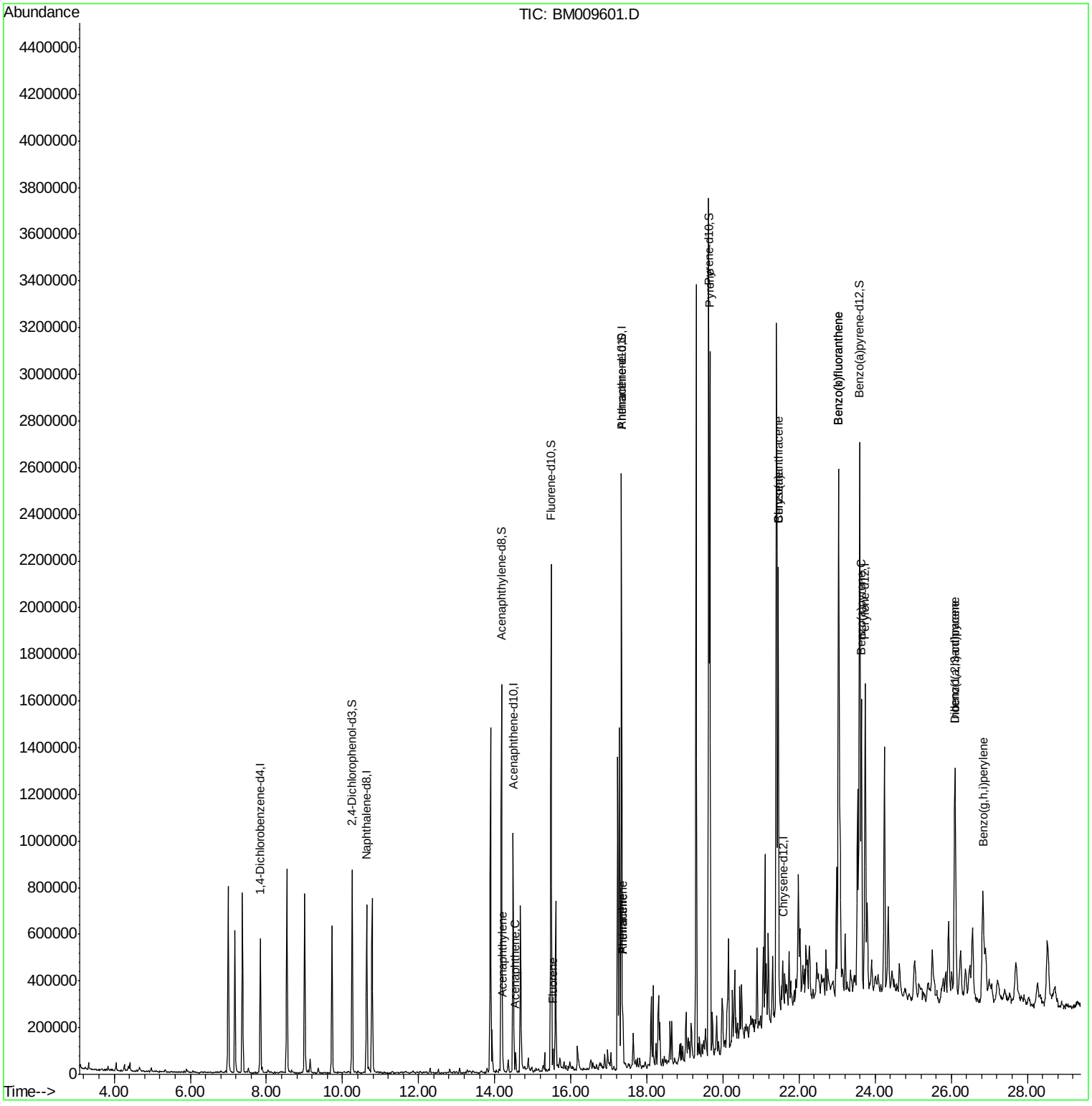
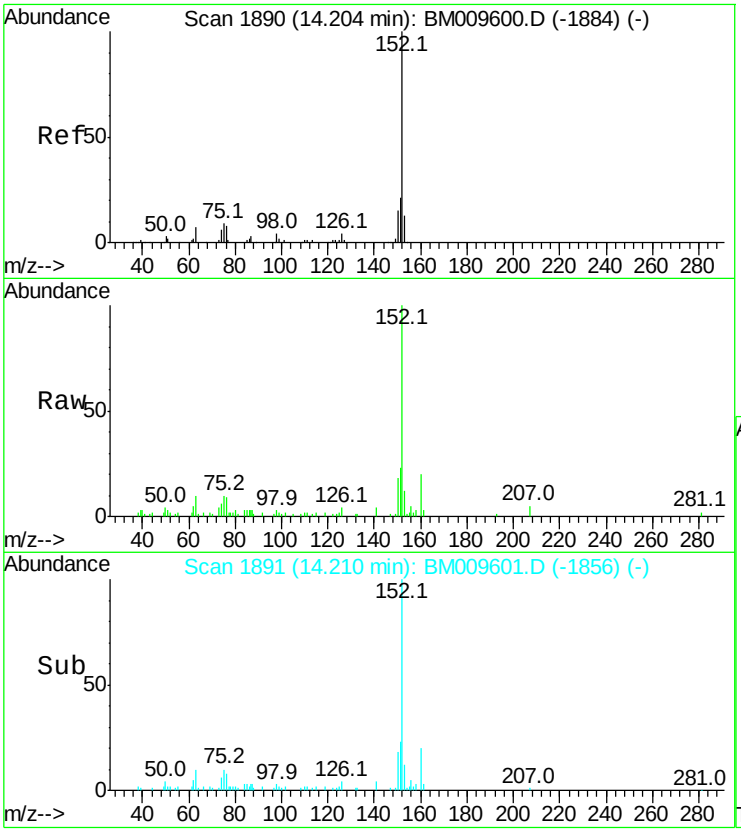


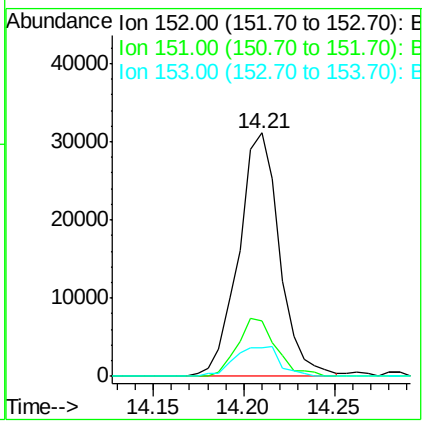


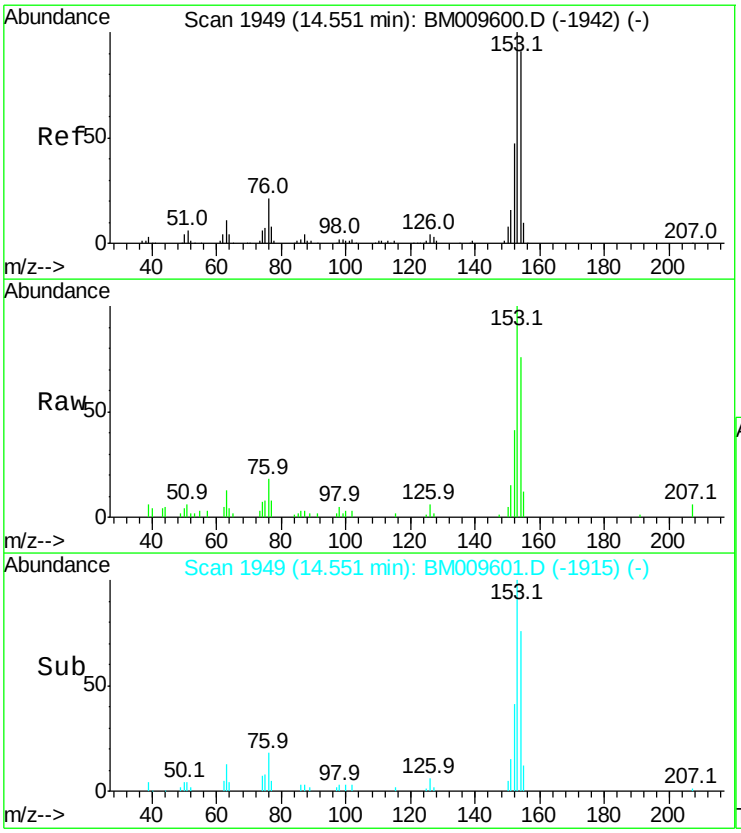
#8
Acenaphthylene
Concen: 1.63 ng/ul
RT: 14.21 min Scan# 1891
Delta R.T. 0.01 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Instrument :
BNA_M
ClientSampleId :
CB370

Tgt Ion:152 Resp: 48872

Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.5	26.3
153	11.9	10.6	16.0

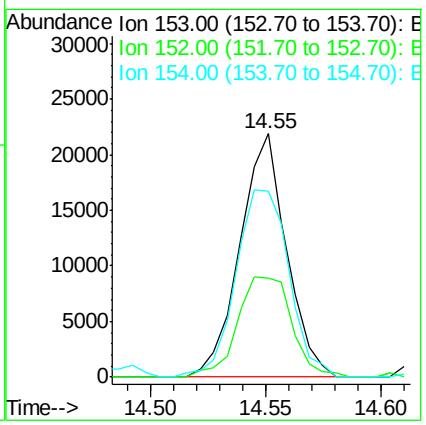


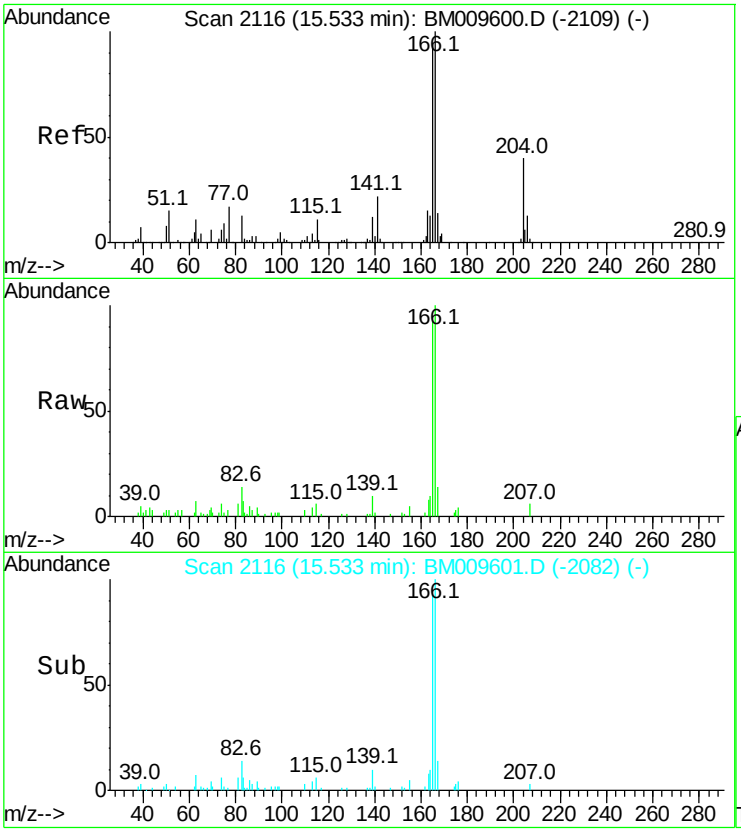


#9
Acenaphthene
Concen: 1.49 ng/ul
RT: 14.55 min Scan# 1949
Delta R.T. 0.00 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Tgt Ion:153 Resp: 30776

Ion	Ratio	Lower	Upper
153	100		
152	40.8	37.9	56.9
154	76.2	71.6	107.4



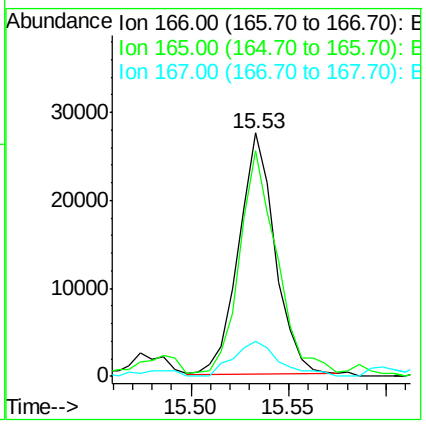


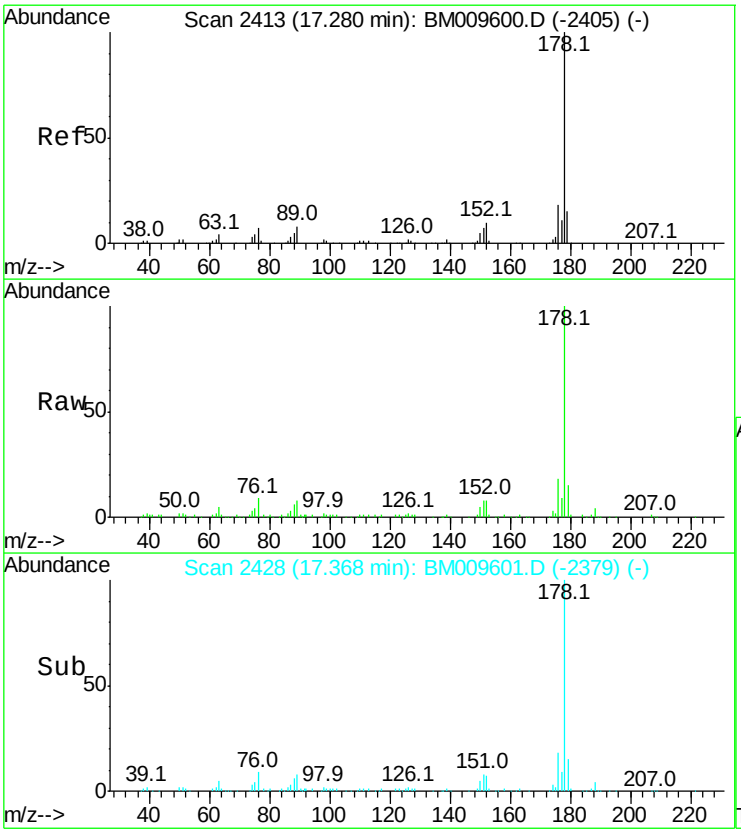
#11
Fluorene
Concen: 1.41 ng/ul
RT: 15.53 min Scan# 2116
Delta R.T. 0.00 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Instrument :
BNA_M
ClientSampleId :
CB370

Tgt Ion:166 Resp: 35487

Ion	Ratio	Lower	Upper
166	100		
165	92.5	80.0	120.0
167	14.5	11.6	17.4

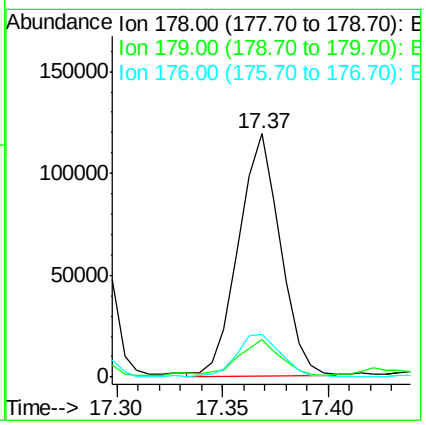


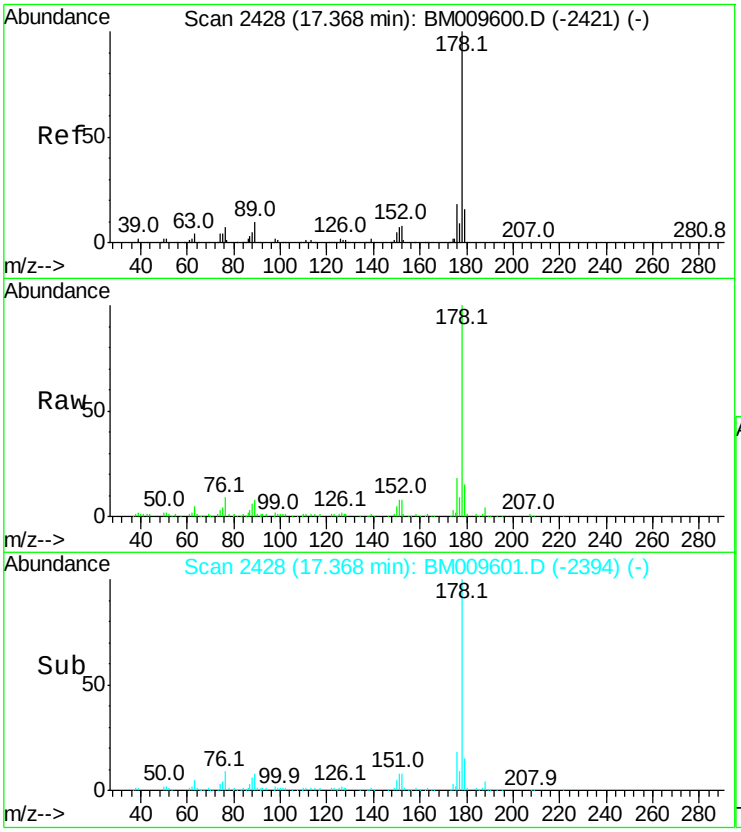


#14
Phenanthrene
Concen: 2.27 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.09 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Tgt Ion:178 Resp: 163682

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	17.5	16.4	24.6



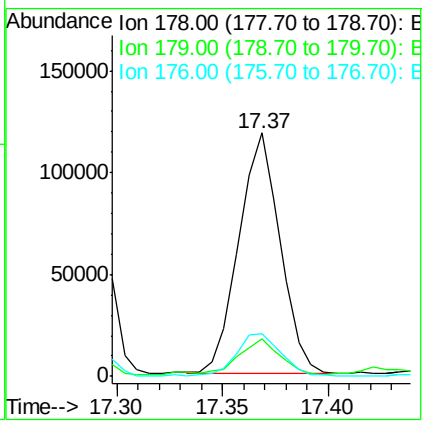


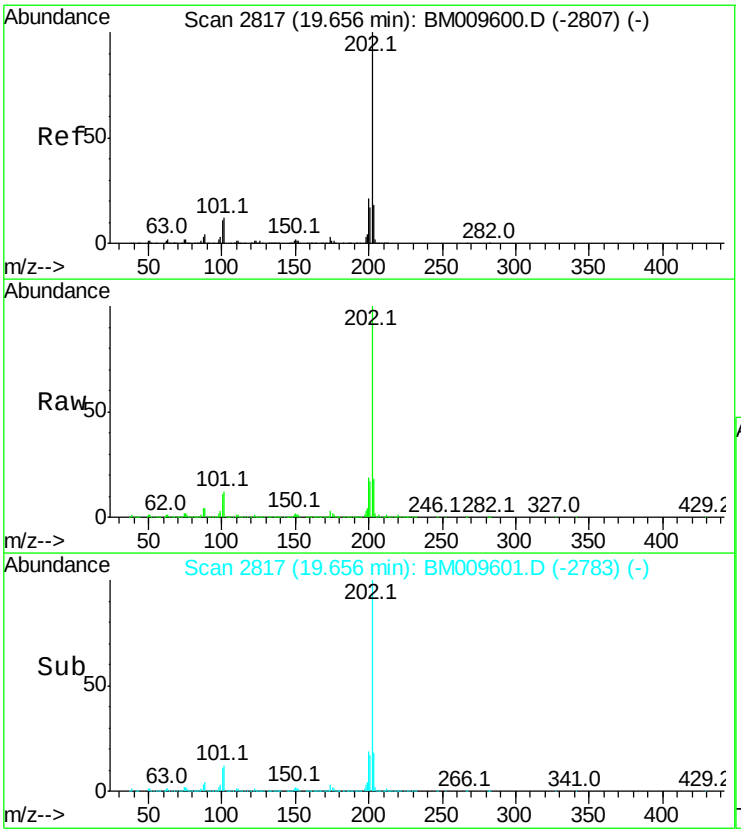
#16
Anthracene
Concen: 2.15 ng/ul
RT: 17.37 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Instrument :
BNA_M
ClientSampleId :
CB370

Tgt Ion:178 Resp: 160091

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.7	19.1
176	17.5	15.8	23.8

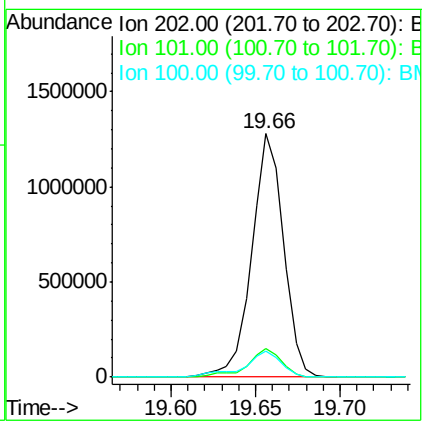


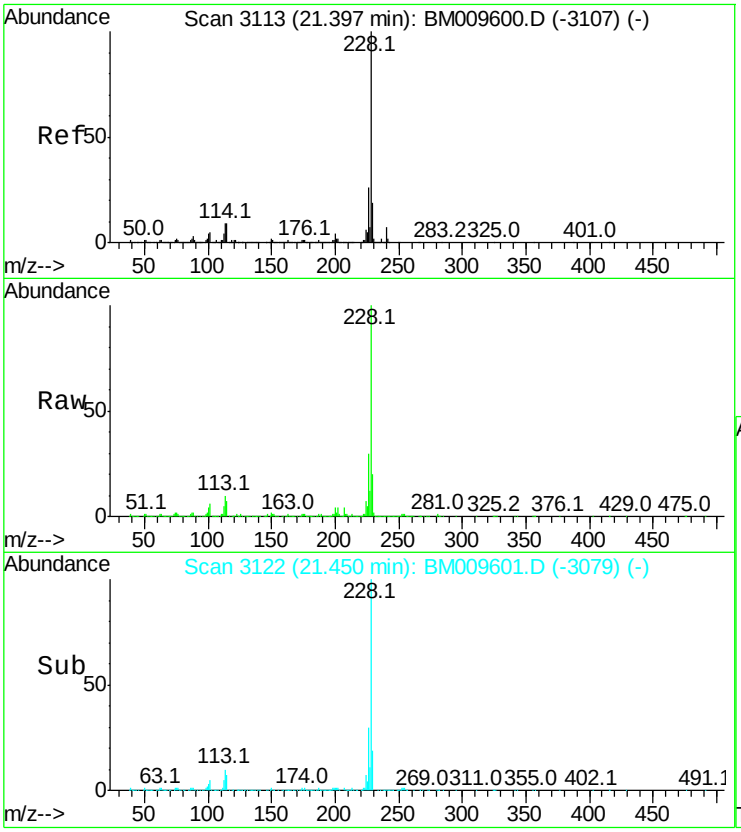


#20
Pyrene
Concen: 27408.68 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Tgt Ion:202 Resp: 1665493

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.2	16.8
100	10.9	9.8	14.6



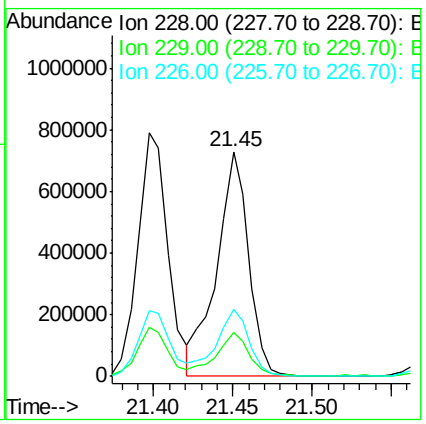


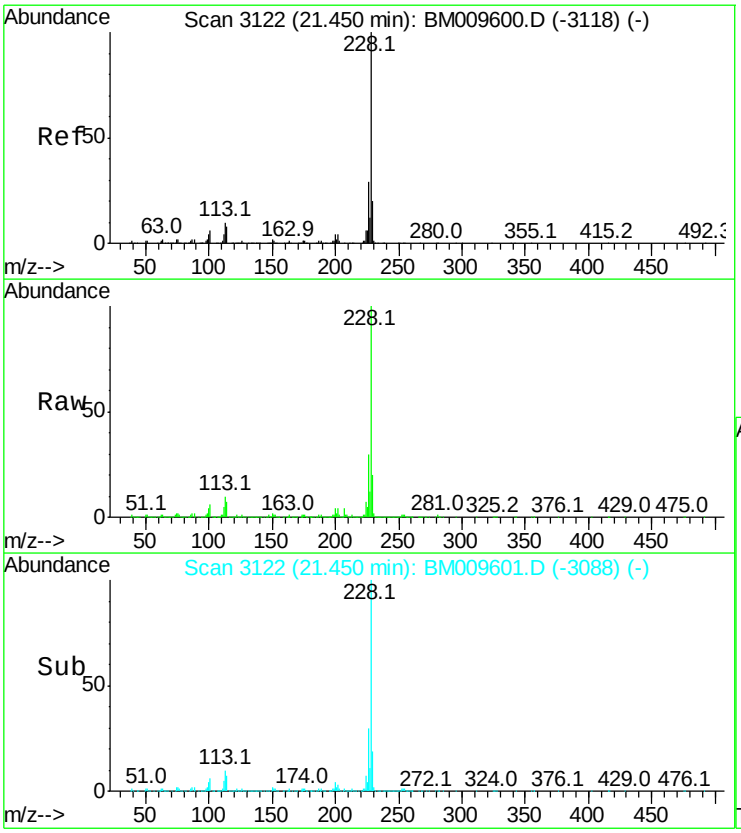
#21
Benzo(a)anthracene
Concen: 15985.48 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.05 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Instrument :
BNA_M
ClientSampleId :
CB370

Tgt Ion:228 Resp: 1008621

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	29.9	22.1	33.1

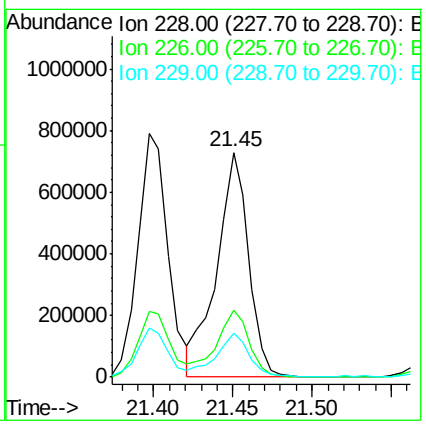


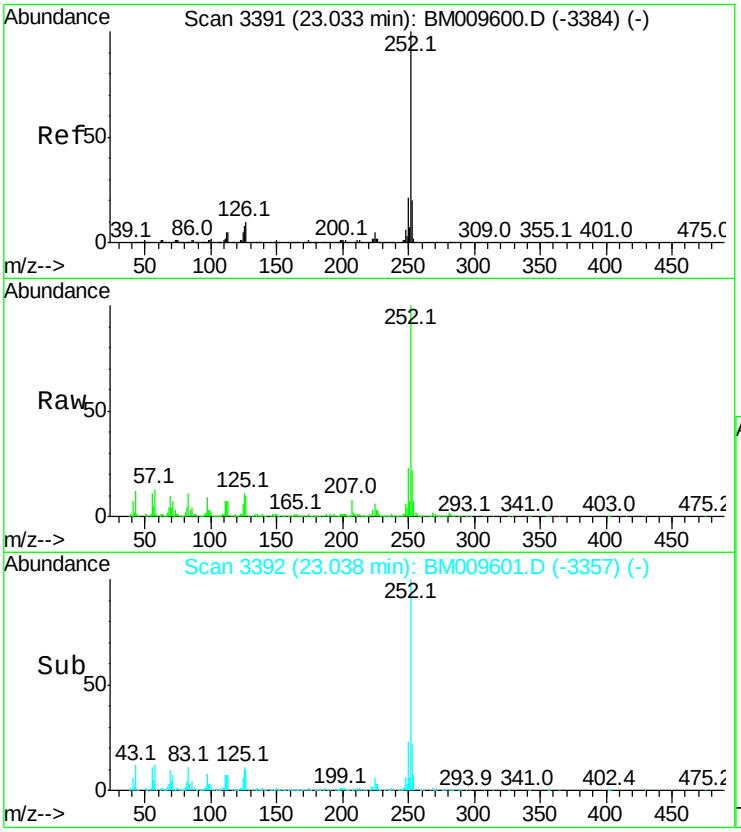


#22
Chrysene
Concen: 17413.08 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Tgt Ion:228 Resp: 1007105

Ion	Ratio	Lower	Upper
228	100		
226	29.9	25.0	37.6
229	19.6	16.6	25.0



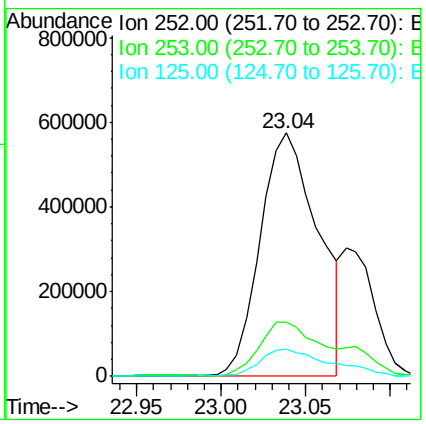


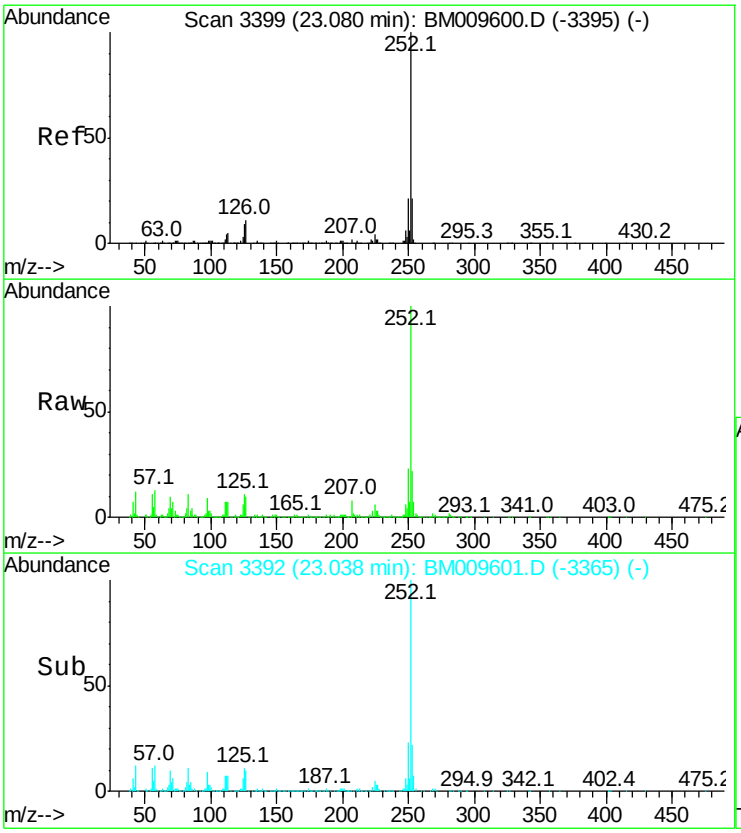
#24
Benzo(b)fluoranthene
Concen: 26.39 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Instrument :
BNA_M
ClientSampleId :
CB370

Tgt Ion:252 Resp: 1366141

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.2	9.4	14.0

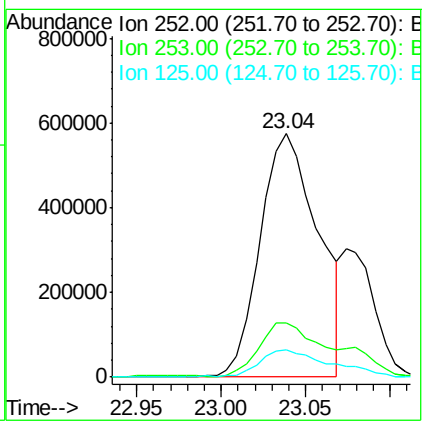


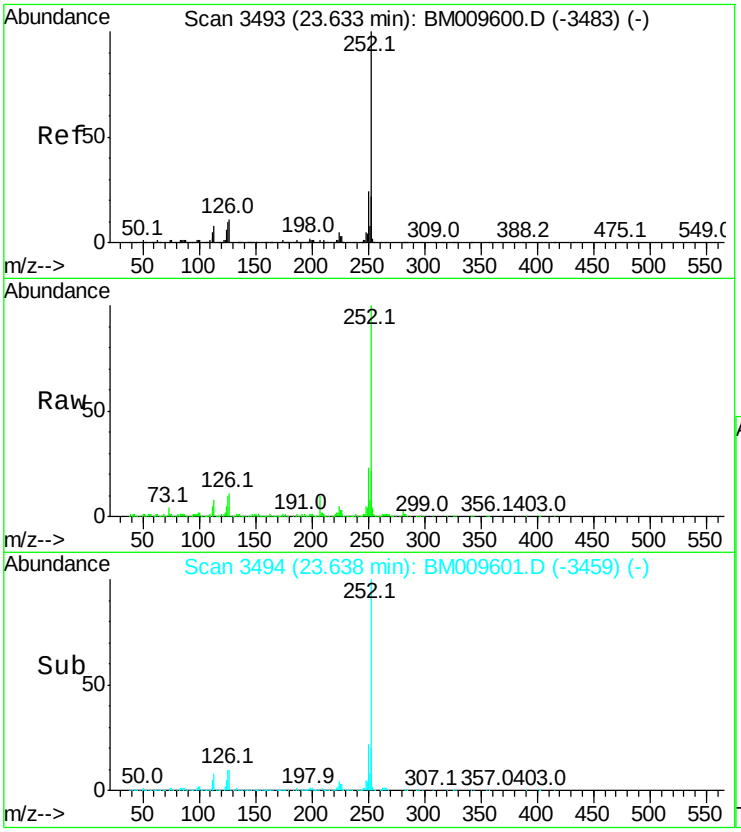


#25
Benzo(k)fluoranthene
Concen: 27.70 ng/ul
RT: 23.04 min Scan# 3392
Delta R.T. -0.04 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Tgt Ion:252 Resp: 1366141

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	11.2	8.8	13.2



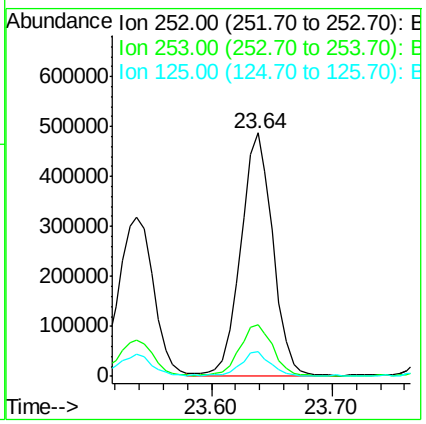


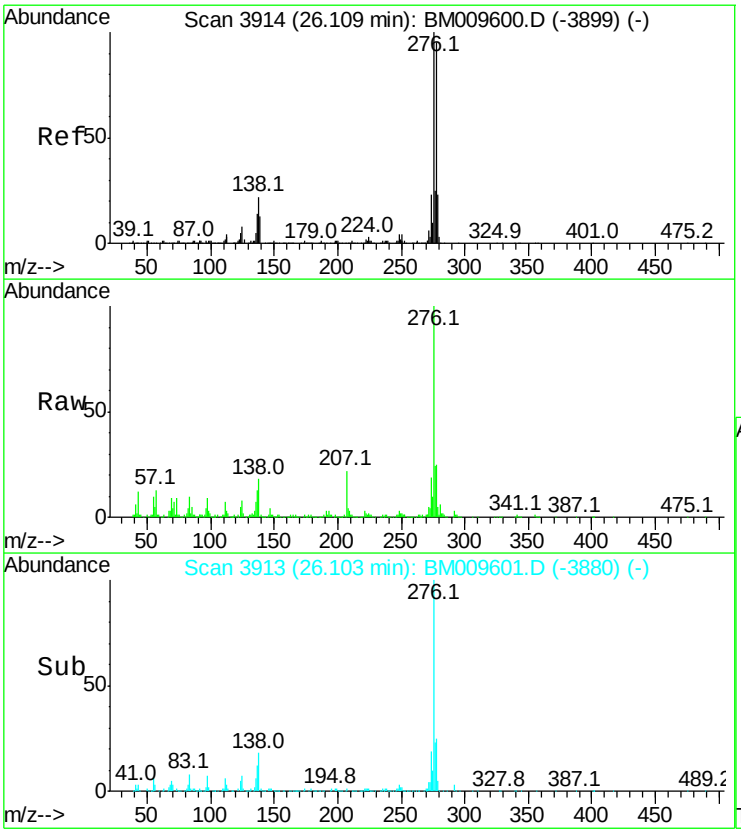
#27
Benzo(a)pyrene
Concen: 18.14 ng/ul
RT: 23.64 min Scan# 3494
Delta R.T. 0.01 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Instrument :
BNA_M
ClientSampleId :
CB370

Tgt Ion:252 Resp: 892577

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	10.1	9.4	14.2

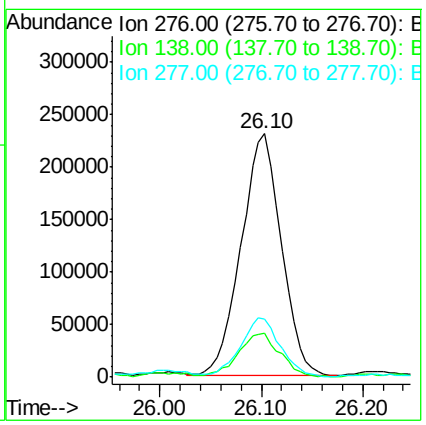


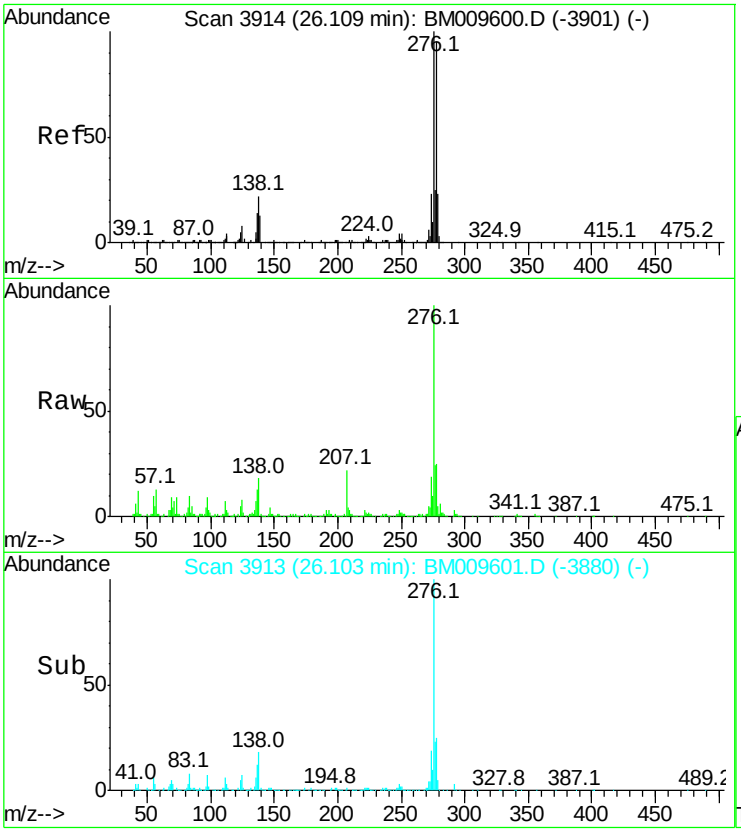


#28
Indeno(1,2,3-cd)pyrene
Concen: 11.54 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Tgt Ion:276 Resp: 636948

Ion	Ratio	Lower	Upper
276	100		
138	18.1	17.8	26.6
277	23.6	19.4	29.0



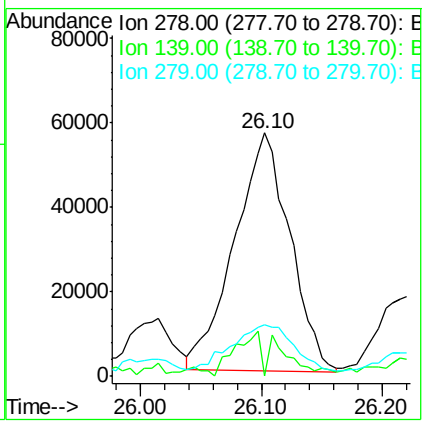


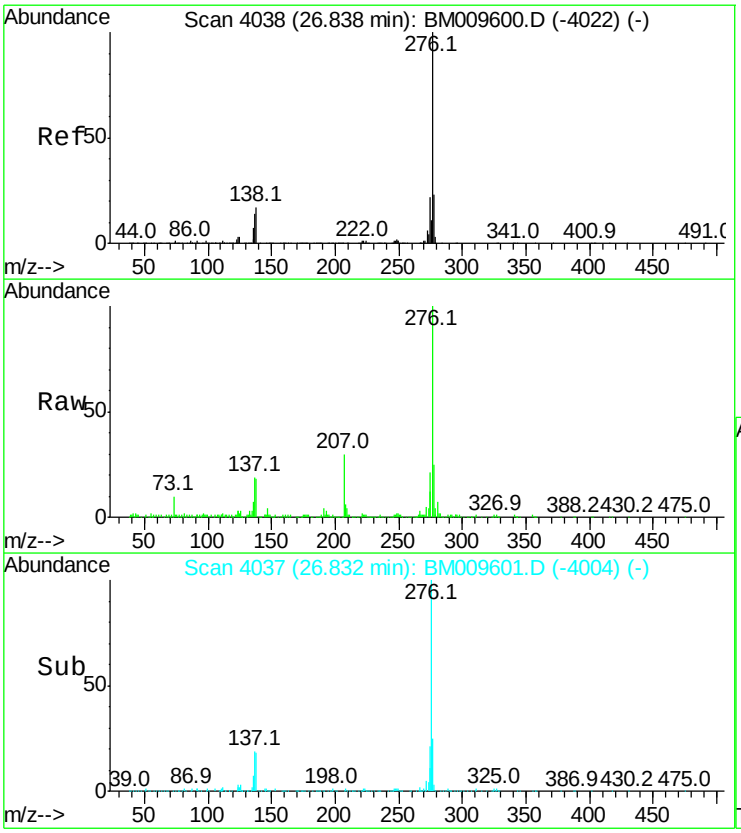
#29
Dibenzo(a,h)anthracene
Concen: 3.82 ng/ul
RT: 26.10 min Scan# 3913
Delta R.T. -0.01 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Instrument :
BNA_M
ClientSampleId :
CB370

Tgt Ion:278 Resp: 179106

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





#30
Benzo(g,h,i)perylene
Concen: 12.59 ng/ul
RT: 26.83 min Scan# 4037
Delta R.T. -0.01 min
Lab File: BM009601.D
Acq: 06 Apr 2017 19:35

Tgt Ion:276 Resp: 572581

Ion	Ratio	Lower	Upper
276	100		
138	18.1	19.0	28.4#
277	24.8	19.7	29.5