Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006009.D
Acq On : 25 Jun 2016 19:50
Operator : UM/SJ
Sample : H3670-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y75

Quant Time: Jun 26 04:42:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	172337	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	969067	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	727355	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1982124	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2581201	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	2856089	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	4715	1.22	ng/uL	0.00
3) Phenol-d5	6.83	99	166406	9.18	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	125048	12.40	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	134852	10.68	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	118549	7.75	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	79237	10.74	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	84232	10.26	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	156588	9.94	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	227621	13.32	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	714383	11.47	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	801941	11.10	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	118960	8.96	ng/ul	0.00
21) Fluorene-d10	15.30	176	631801	11.88	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	90742	8.25	ng/ul	0.00
26) Anthracene-d10	17.15	188	1082569	11.89	ng/ul	0.00
30) Pyrene-d10	19.45	212	1398152	12.37	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1600741	12.41	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	4859	0.10	ng/ul	96
13) 2-Methylnaphthalene	12.10	142	1946	0.05	ng/ul	82
14) 1-Methylnaphthalene	12.32	142	1728	0.05	ng/ul#	85
18) Acenaphthylene	14.02	152	5705	0.07	ng/ul#	89
19) Acenaphthene	14.36	153	345	0.01	ng/ul#	65
22) Fluorene	15.36	166	279	0.00	ng/ul#	59
25) Phenanthrene	17.09	178	24688	0.23	ng/ul	96
27) Anthracene	17.09	178	24688	0.22	ng/ul	96
28) Fluoranthene	19.12	202	72199	0.53	ng/ul	98
31) Pyrene	19.47	202	67162	0.45	ng/ul	96
32) Benzo(a)anthracene	21.23	228	57219	0.37	ng/ul	96
33) Chrysene	21.28	228	58448	0.42	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	106968	0.64	ng/ul#	96
36) Benzo(k)fluoranthene	22.80	252	106968	0.69	ng/ul#	96
38) Benzo(a)pyrene	23.36	252	69641	0.44	ng/ul#	94
39) Indeno(1,2,3-cd)pyrene	25.67	276	61836	0.33	ng/ul	98
40) Dibenzo(a,h)anthracene	25.67	278	14899	0.09	ng/ul#	85
41) Benzo(g,h,i)perylene	26.34	276	56760	0.35	ng/ul	95

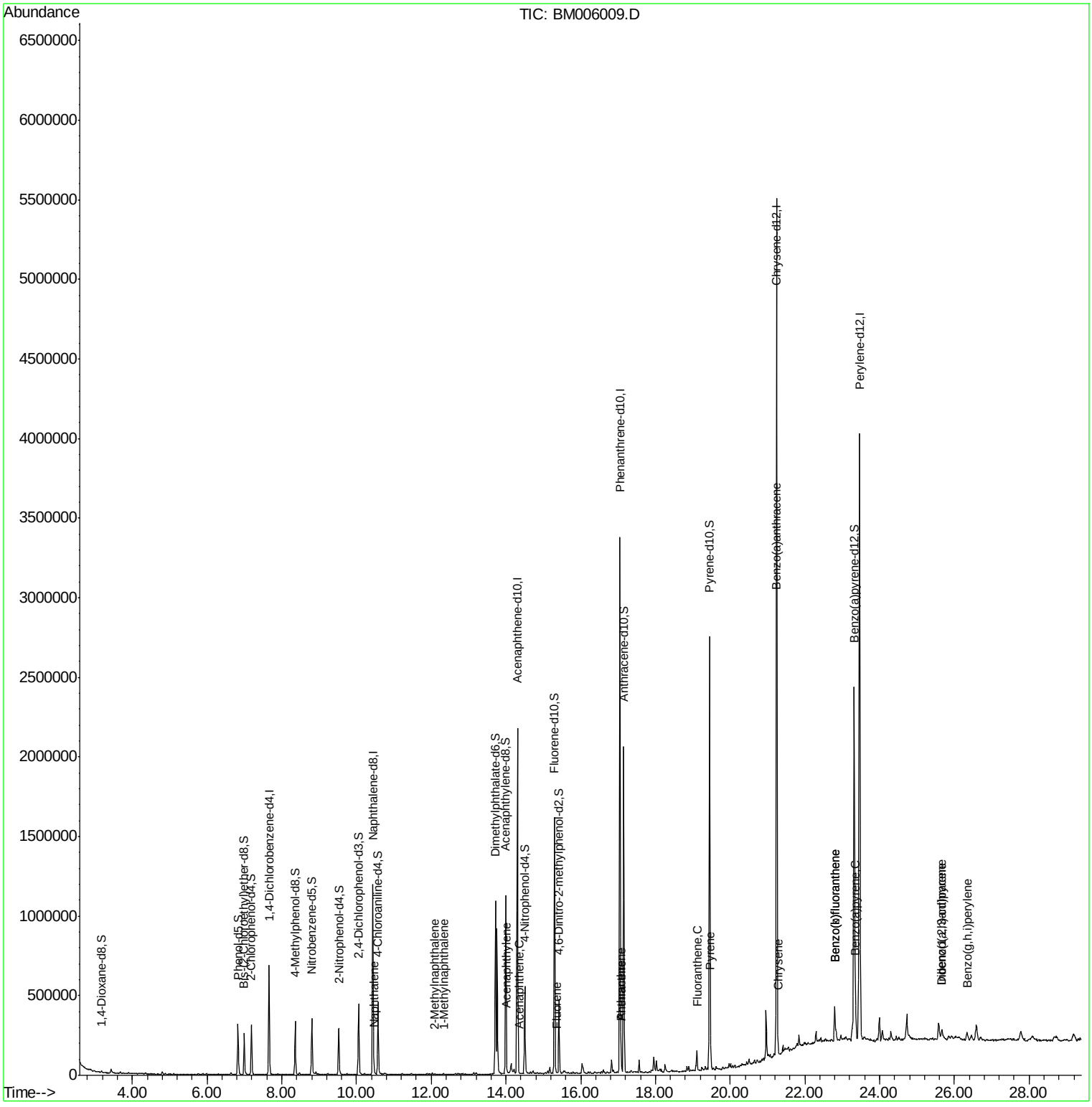
(#) = qualifier out of range (m) = manual integration (+) = signals summed

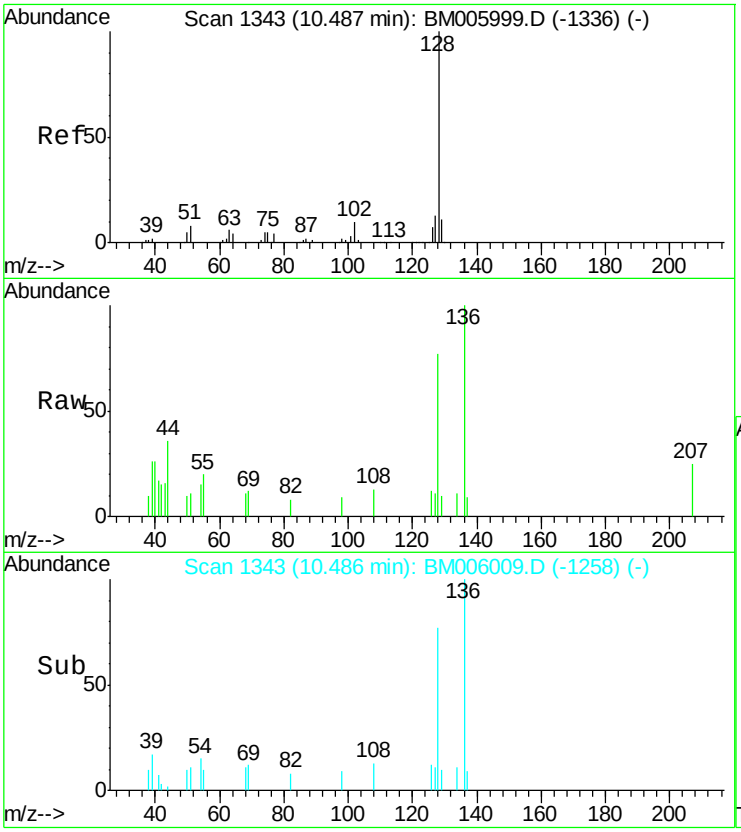
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006009.D
Acq On : 25 Jun 2016 19:50
Operator : UM/SJ
Sample : H3670-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y75

Quant Time: Jun 26 04:42:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration



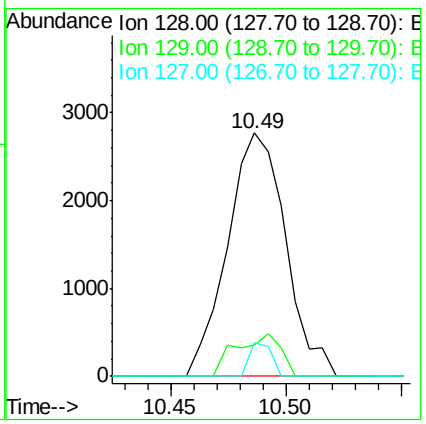


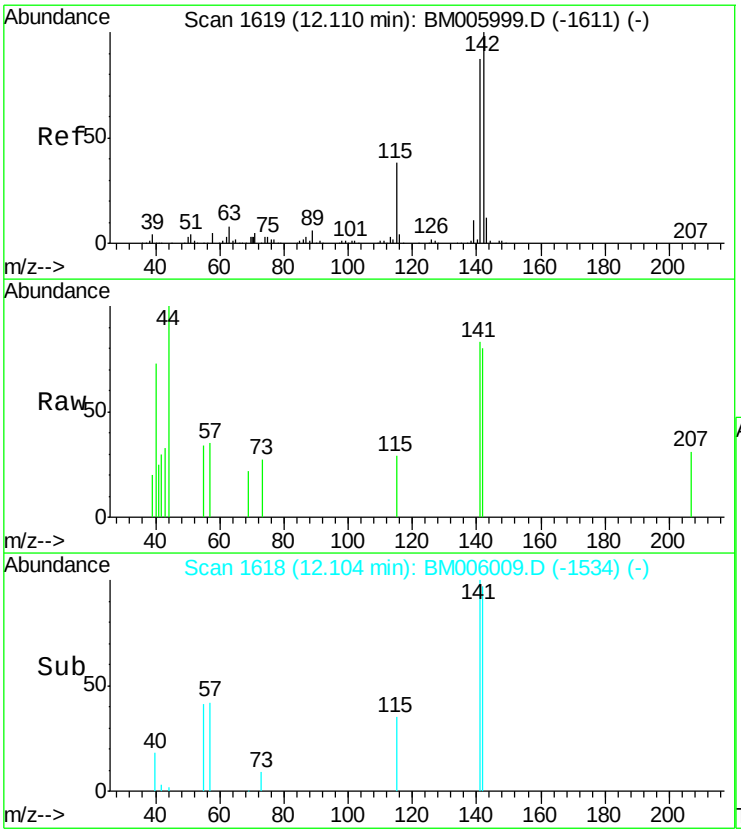
#11
Naphthalene
Concen: 0.10 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:128 Resp: 4859

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.6	13.0
127	13.8	10.2	15.4

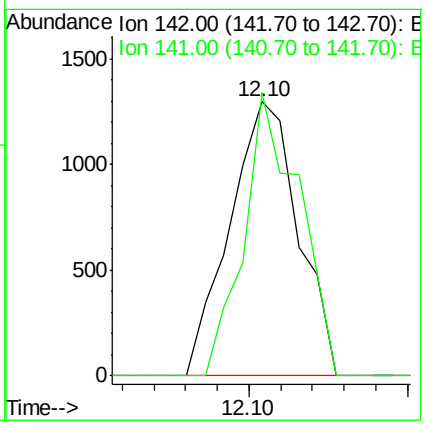


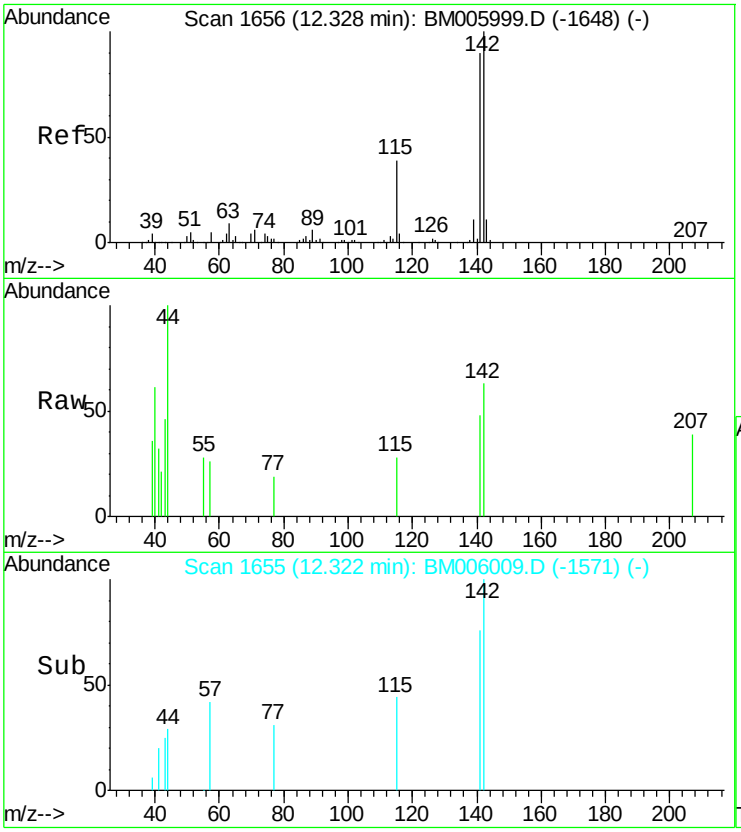


#13
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.10 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:142 Resp: 1946

Ion	Ratio	Lower	Upper
142	100		
141	103.3	69.4	104.2



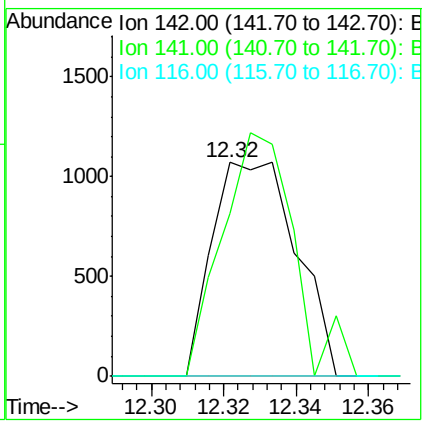


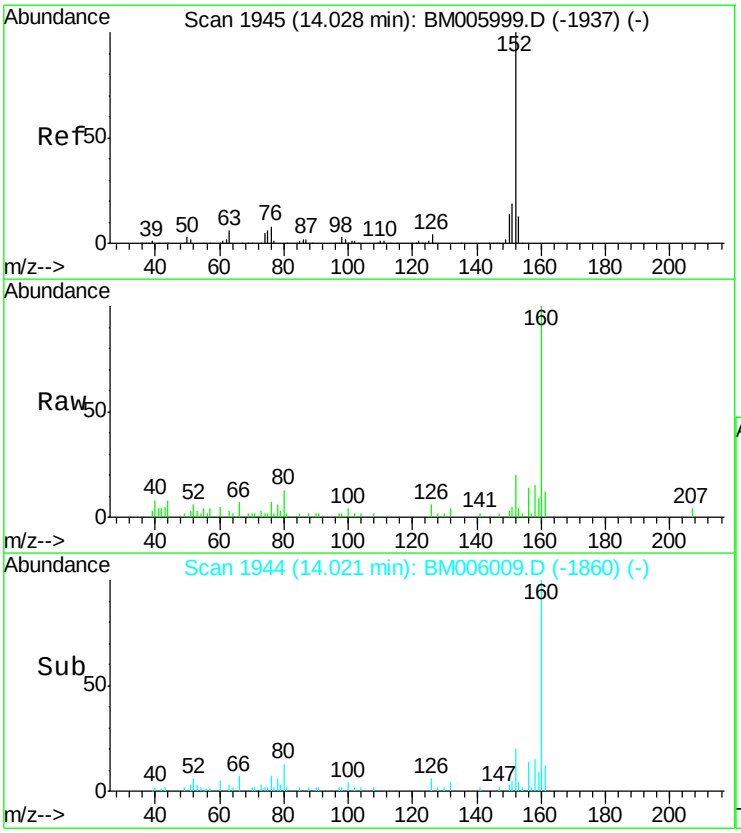
#14
1-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.32 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:142 Resp: 1728

Ion	Ratio	Lower	Upper
142	100		
141	75.9	72.3	108.5
116	0.0	3.4	5.0#

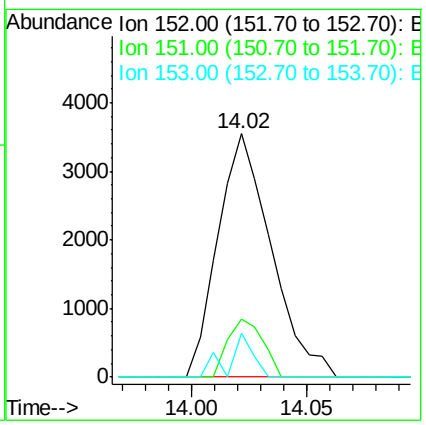


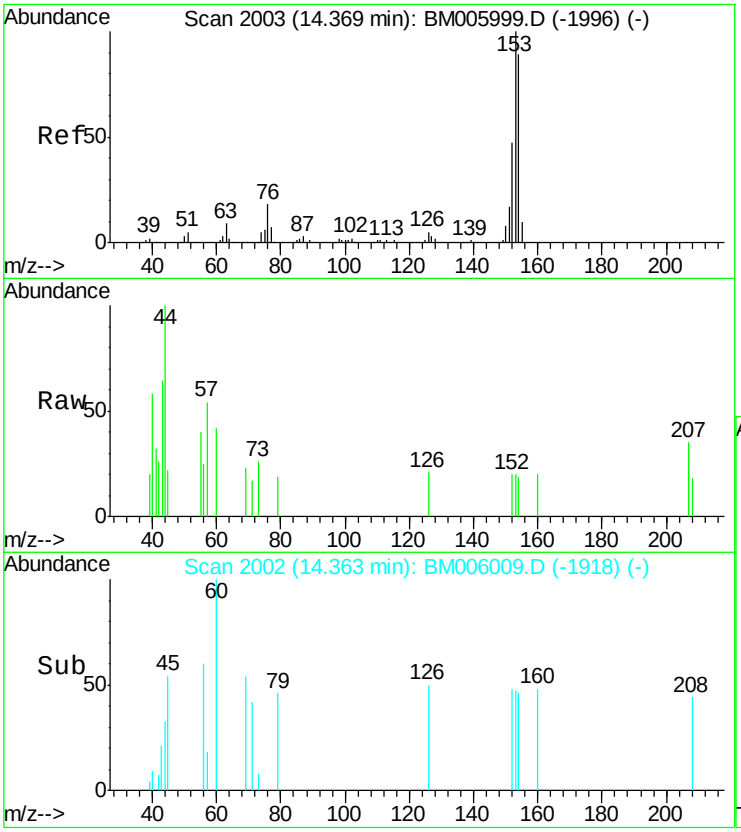


#18
Acenaphthylene
Concen: 0.07 ng/ul
RT: 14.02 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:152 Resp: 5705

Ion	Ratio	Lower	Upper
152	100		
151	24.1	15.5	23.3#
153	17.8	10.5	15.7#



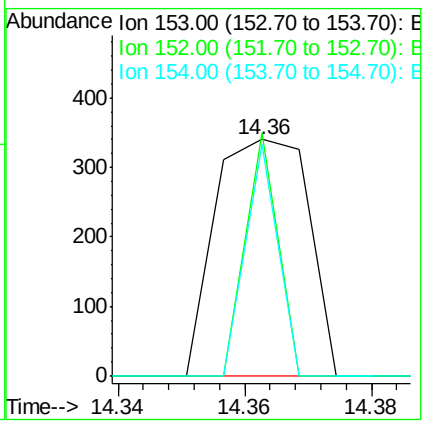


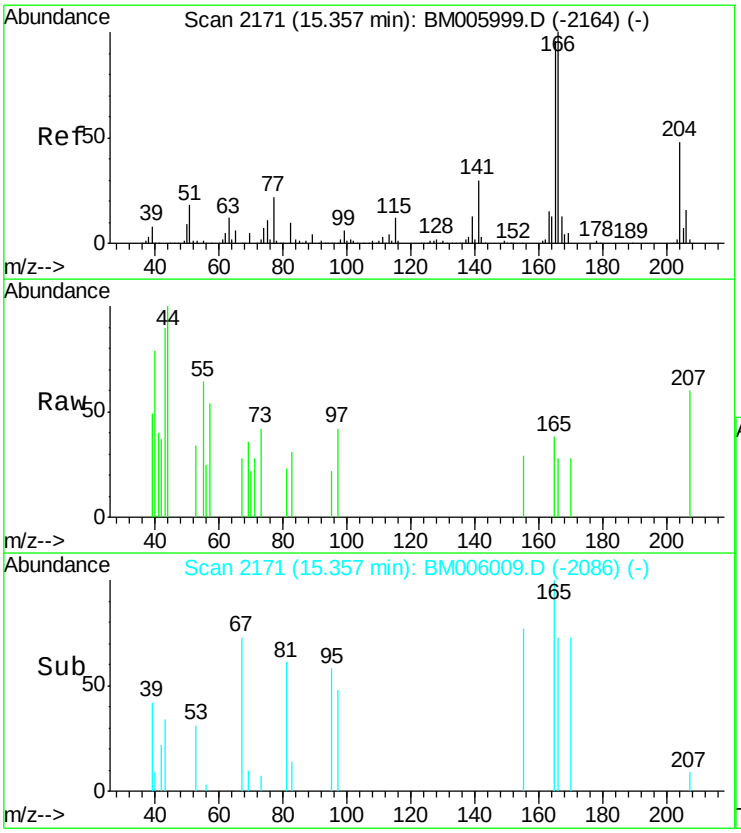
#19
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.36 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:153 Resp: 345

Ion	Ratio	Lower	Upper
153	100		
152	102.9	38.6	57.8#
154	97.9	70.7	106.1

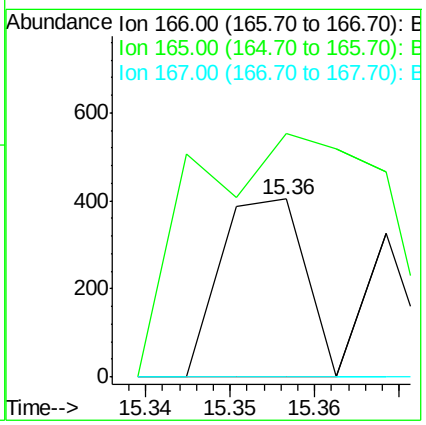


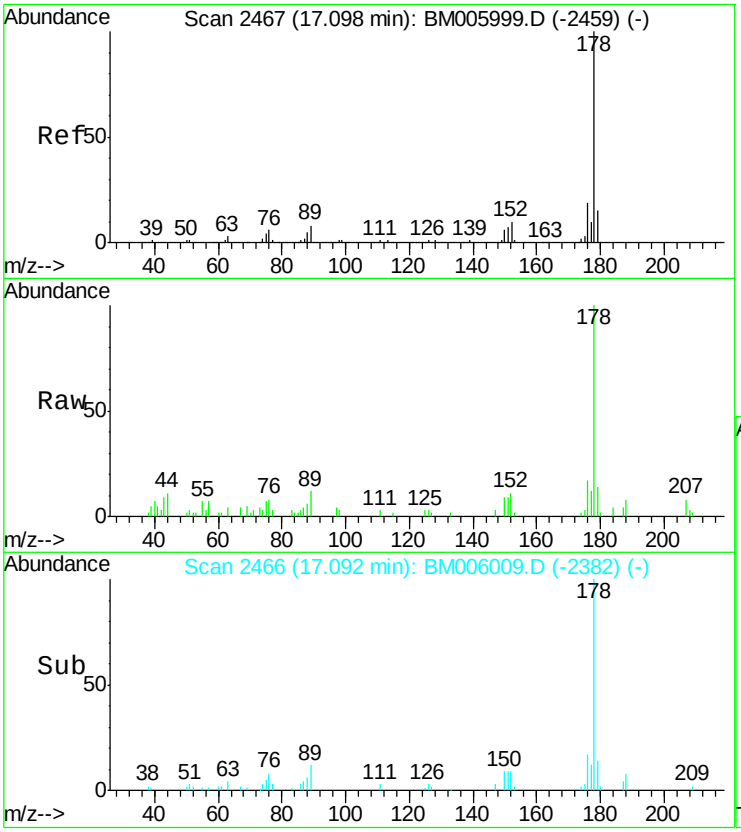


#22
Fluorene
Concen: 0.00 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:166 Resp: 279

Ion	Ratio	Lower	Upper
166	100		
165	136.9	76.8	115.2#
167	0.0	10.8	16.2#



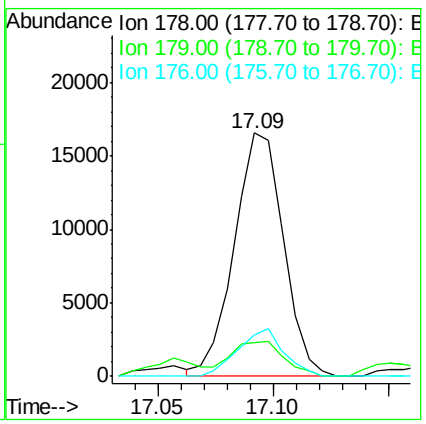


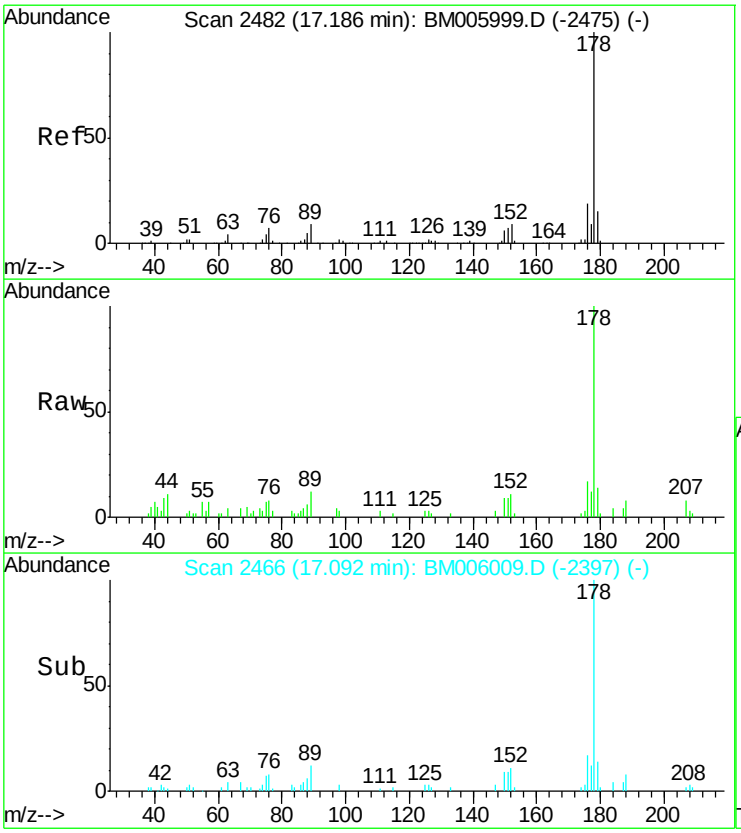
#25
Phenanthrene
Concen: 0.23 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:178 Resp: 24688

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.1	18.1
176	16.8	15.4	23.0

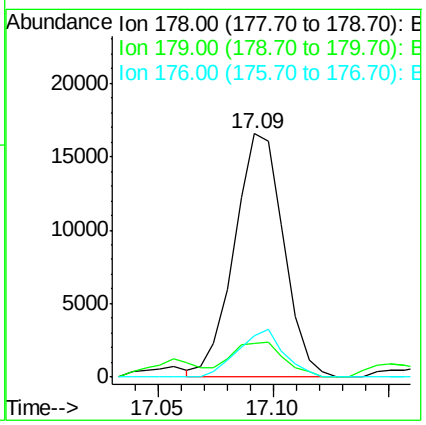


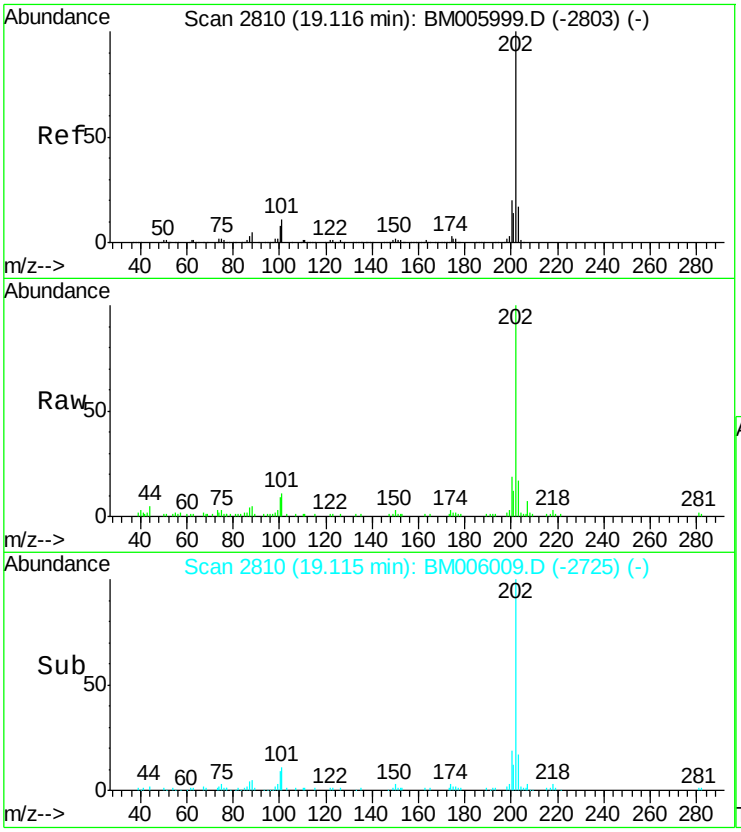


#27
Anthracene
Concen: 0.22 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.09 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:178 Resp: 24688

Ion	Ratio	Lower	Upper
178	100		
179	14.0	12.2	18.4
176	16.8	14.9	22.3



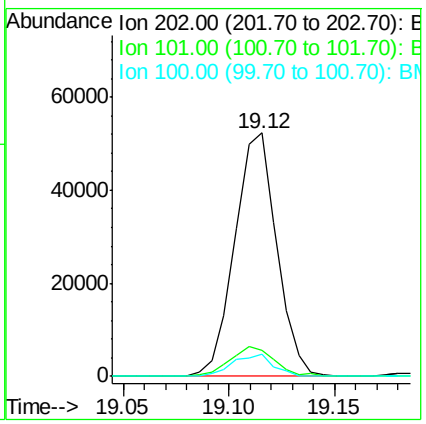


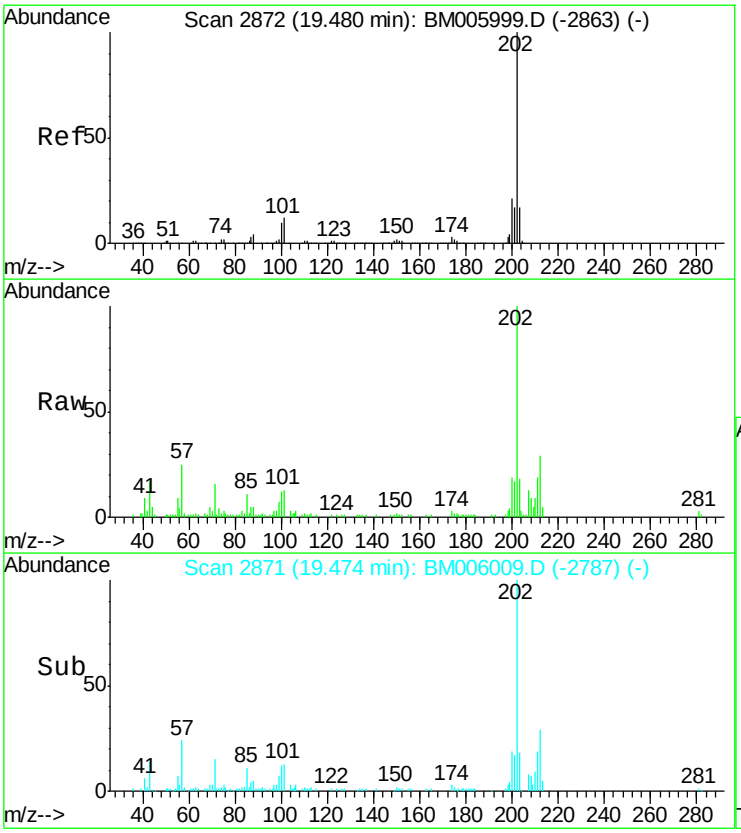
#28
Fluoranthene
Concen: 0.53 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:202 Resp: 72199

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.4
100	9.2	6.3	9.5

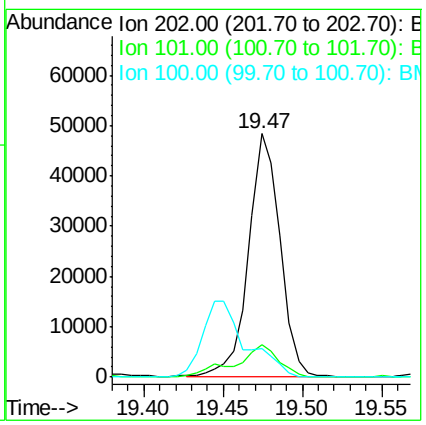


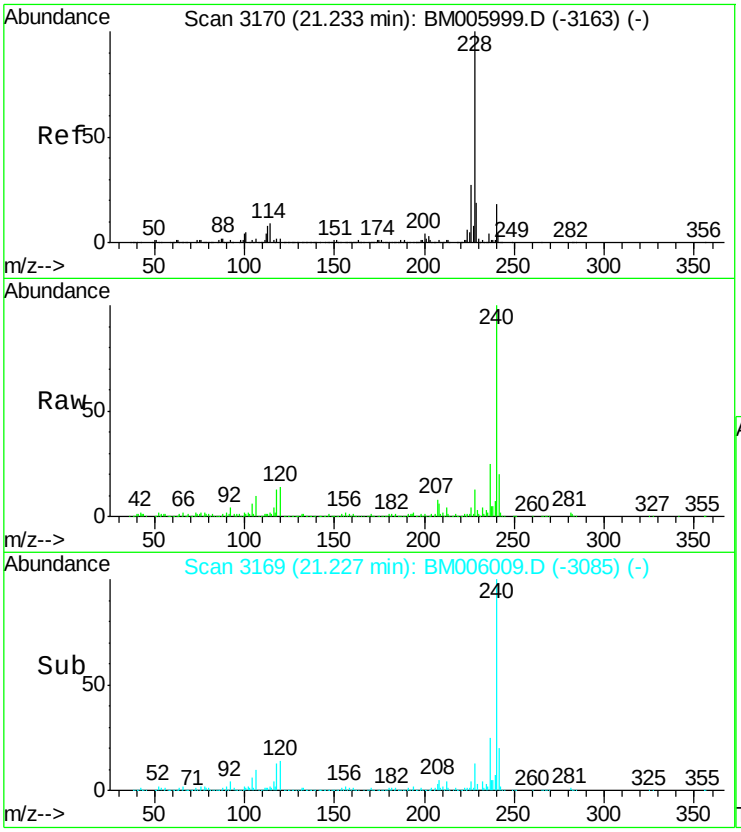


#31
Pyrene
Concen: 0.45 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:202 Resp: 67162

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.8	14.6
100	12.0	8.2	12.2



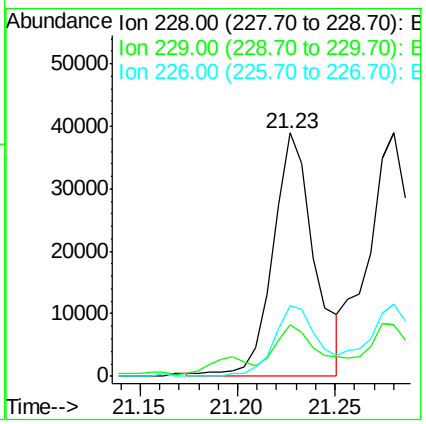


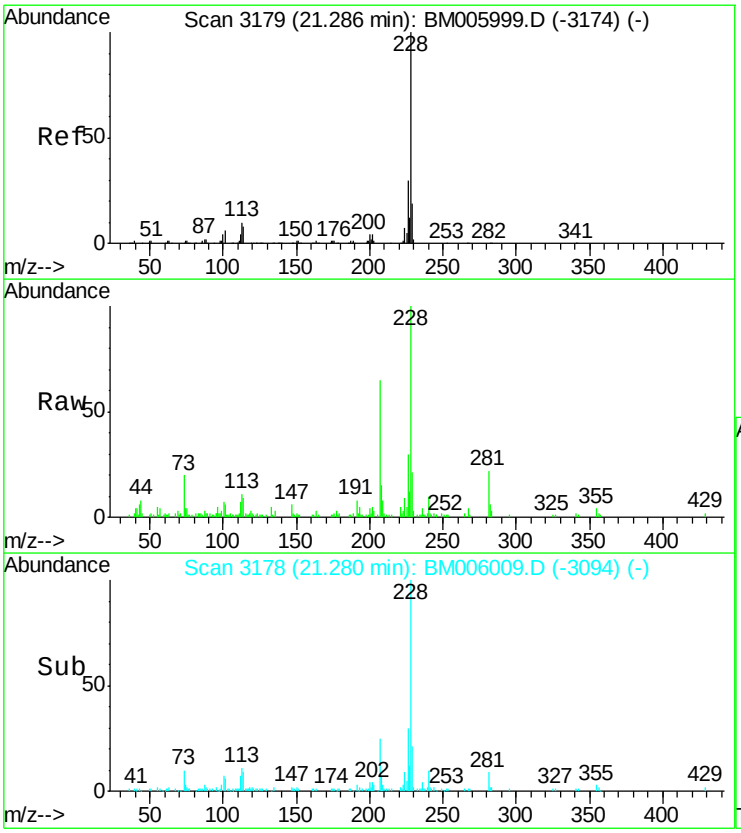
#32
Benzo(a)anthracene
Concen: 0.37 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:228 Resp: 57219

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.6
226	29.3	21.5	32.3

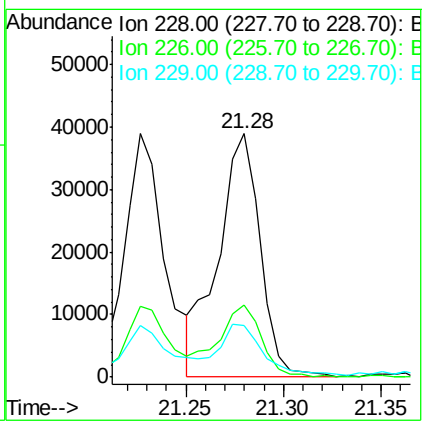


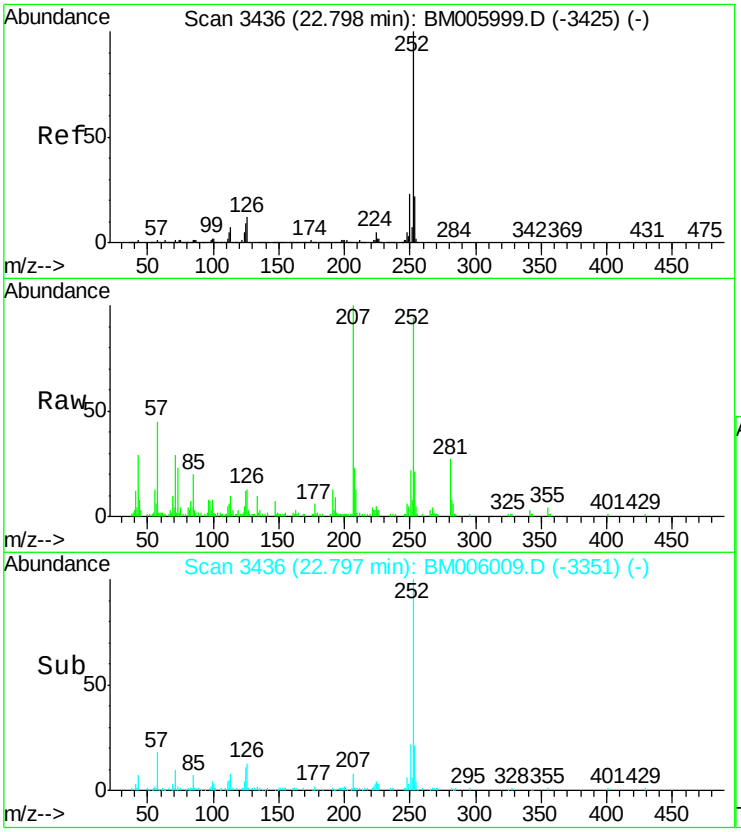


#33
Chrysene
Concen: 0.42 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:228 Resp: 58448

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.3	36.5
229	21.2	15.4	23.2



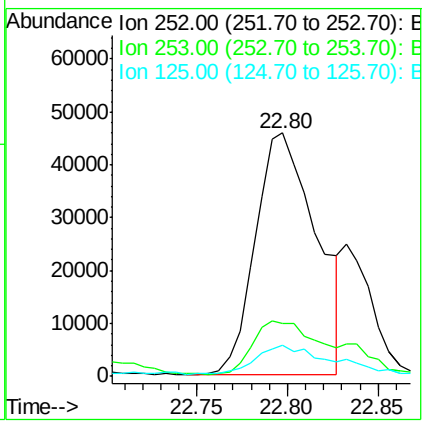


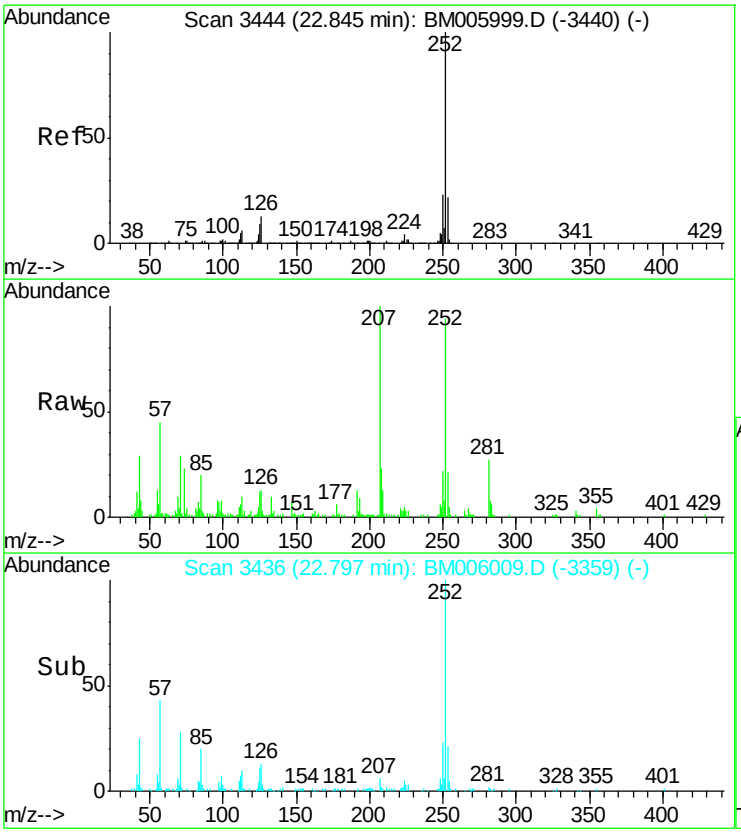
#35
Benzo(b)fluoranthene
Concen: 0.64 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:252 Resp: 106968

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	12.9	6.8	10.2#

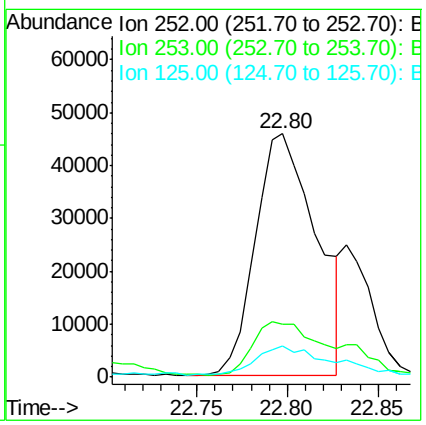


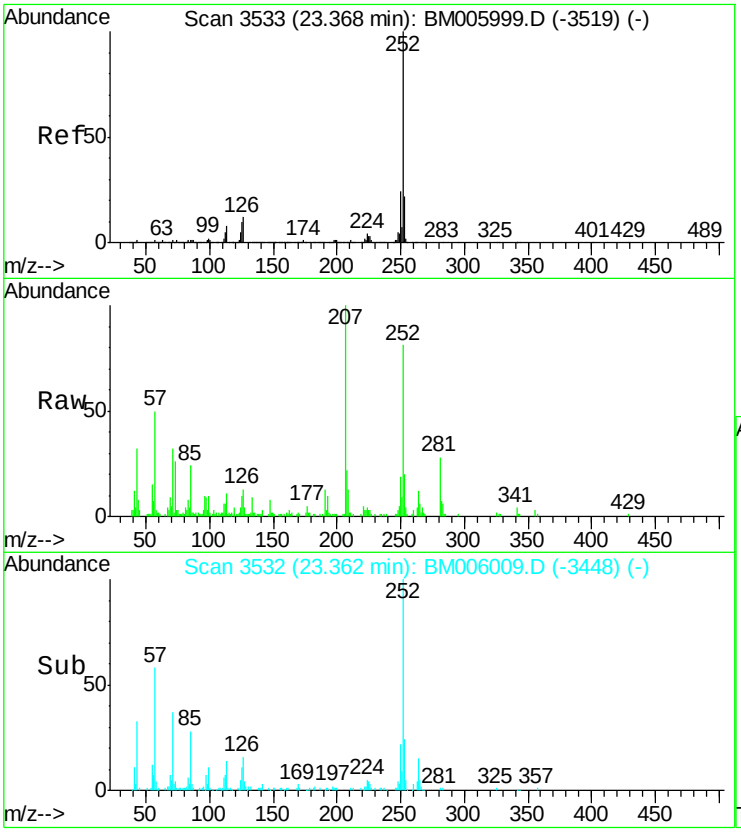


#36
Benzo(k)fluoranthene
Concen: 0.69 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:252 Resp: 106968

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	12.9	7.0	10.4#



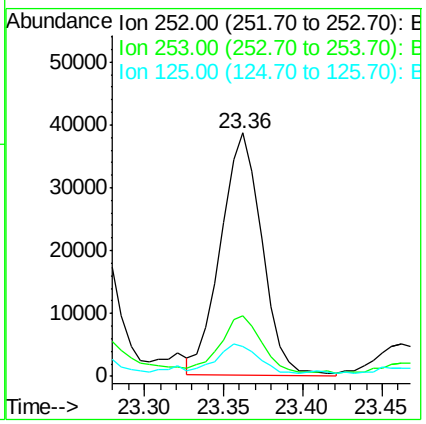


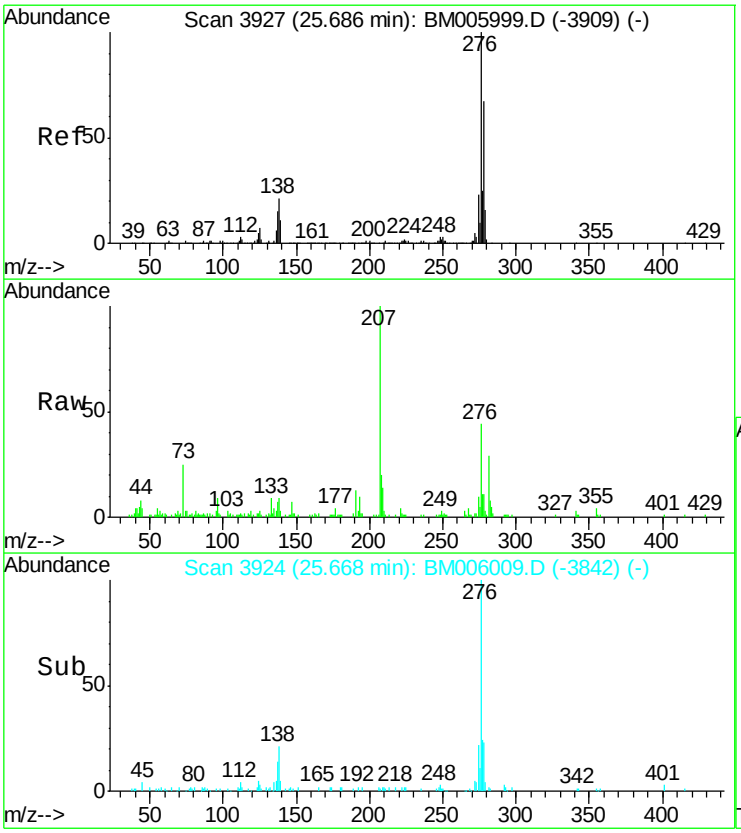
#38
Benzo(a)pyrene
Concen: 0.44 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:252 Resp: 69641

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.6	26.4
125	12.4	7.8	11.6#

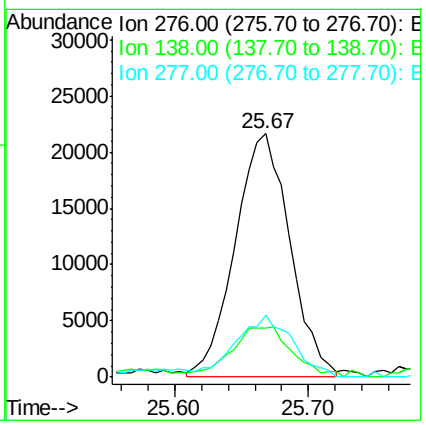


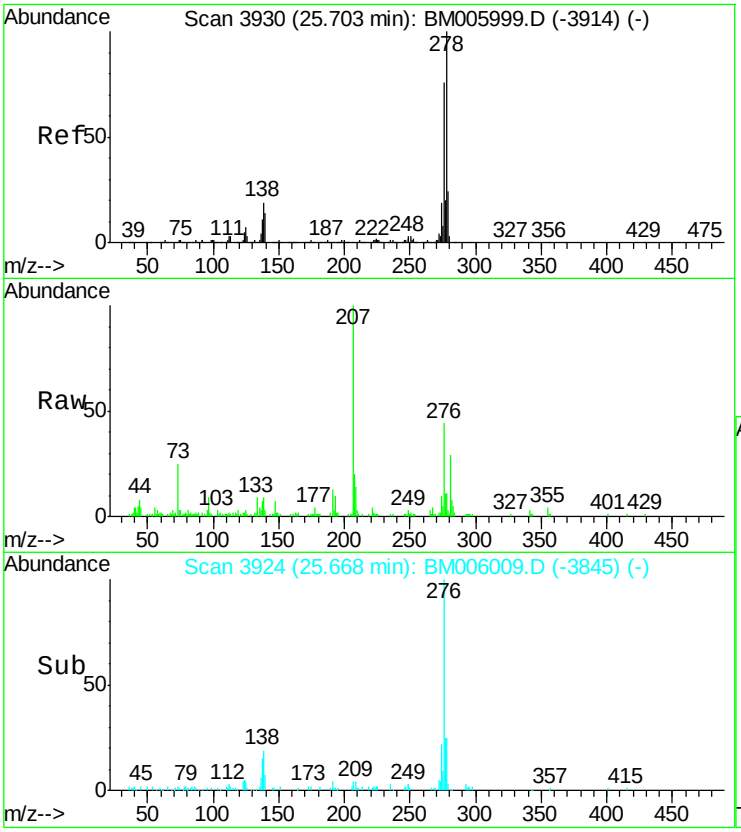


#39
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:276 Resp: 61836

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.6	25.0
277	25.5	19.6	29.4



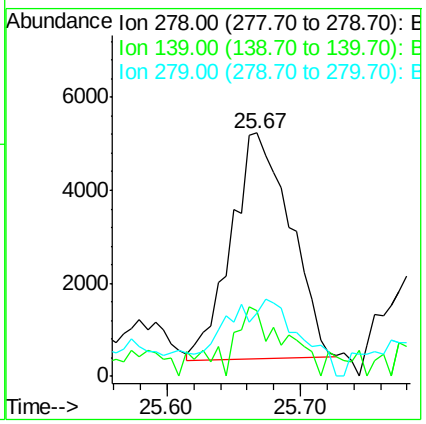


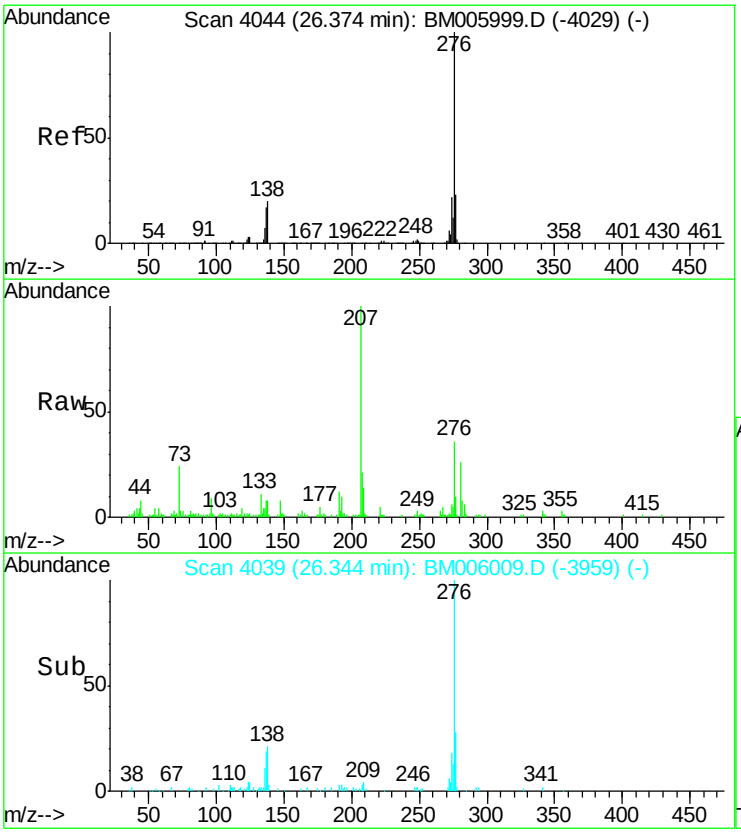
#40
Dibenzo(a,h)anthracene
Concen: 0.09 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.04 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Instrument :
BNA_M
ClientSampleId :
D9Y75

Tgt Ion:278 Resp: 14899

Ion	Ratio	Lower	Upper
278	100		
139	26.8	11.4	17.2#
279	25.9	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 0.35 ng/ul
RT: 26.34 min Scan# 4039
Delta R.T. -0.03 min
Lab File: BM006009.D
Acq: 25 Jun 2016 19:50

Tgt Ion:276 Resp: 56760

Ion	Ratio	Lower	Upper
276	100		
138	20.9	15.9	23.9
277	27.9	19.2	28.8