Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005846.D
Acq On : 17 Jun 2016 02:14
Operator : UM/SJ
Sample : H3535-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XW3

Quant Time: Jun 17 05:07:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:56:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	24187	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	116629	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	74623	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	177815	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	212828	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	194256	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	294	1.57	ng/uL	0.00
3) Phenol-d5	6.92	99	24952	12.32	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	16139	15.38	ng/ul	0.00
5) 2-Chlorophenol-d4	7.26	132	25728	14.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	14451	7.98	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	12307	14.95	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	15209	15.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	28940	14.57	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	11488	8.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	106347	15.06	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	131661	16.19	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	5819	6.84	ng/ul	0.02
21) Fluorene-d10	15.37	176	96559	16.05	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	13025	10.85	ng/ul	0.00
26) Anthracene-d10	17.22	188	148274	15.97	ng/ul	0.00
30) Pyrene-d10	19.52	212	176306	17.48	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	159389	16.41	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.57	128	9737	1.56	ng/ul	97
13) 2-Methylnaphthalene	12.19	142	11574	2.43	ng/ul	99
14) 1-Methylnaphthalene	12.40	142	9675	1.95	ng/ul#	94
25) Phenanthrene	17.16	178	30397	2.87	ng/ul	99
27) Anthracene	17.16	178	30397	2.81	ng/ul	99
28) Fluoranthene	19.18	202	48126	3.62	ng/ul	99
31) Pyrene	19.54	202	40796	3.24	ng/ul	99
32) Benzo(a)anthracene	21.29	228	27660	2.08	ng/ul	98
33) Chrysene	21.29	228	27660	2.16	ng/ul	95
35) Benzo(b)fluoranthene	22.88	252	40773	3.37	ng/ul#	97
36) Benzo(k)fluoranthene	22.88	252	40773	3.49	ng/ul#	98
38) Benzo(a)pyrene	23.46	252	22290	1.88	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.83	276	15215	1.05	ng/ul	98
41) Benzo(g,h,i)perylene	26.53	276	14067	1.14	ng/ul	97

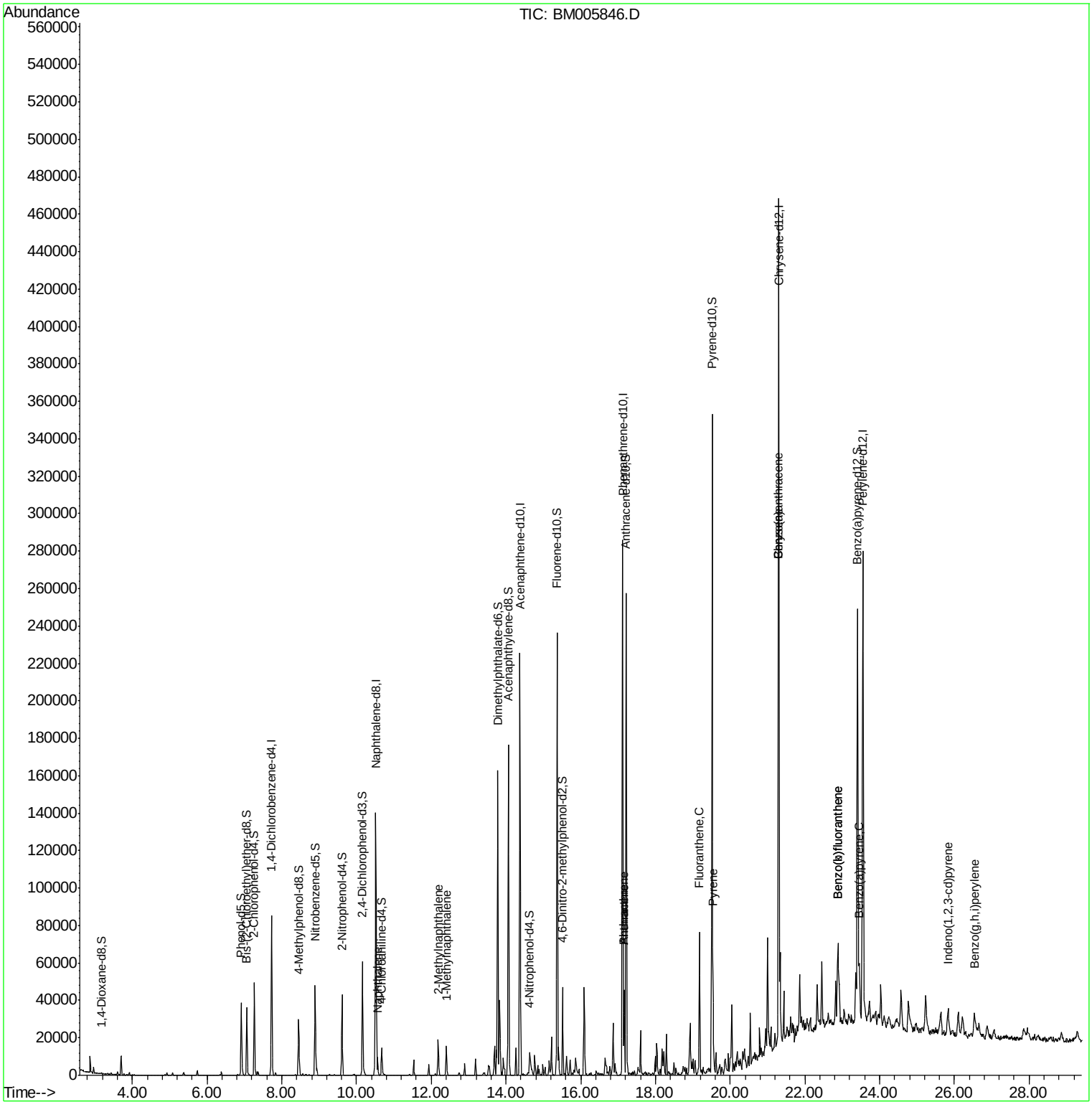
(#) = qualifier out of range (m) = manual integration (+) = signals summed

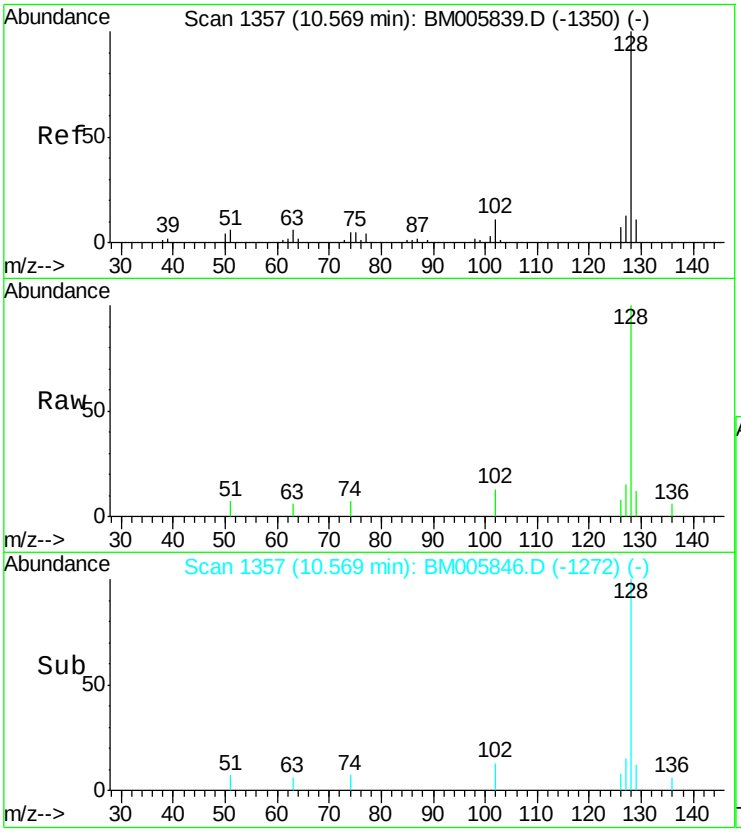
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005846.D
Acq On : 17 Jun 2016 02:14
Operator : UM/SJ
Sample : H3535-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW3

Quant Time: Jun 17 05:07:14 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:56:56 2016
Response via : Initial Calibration



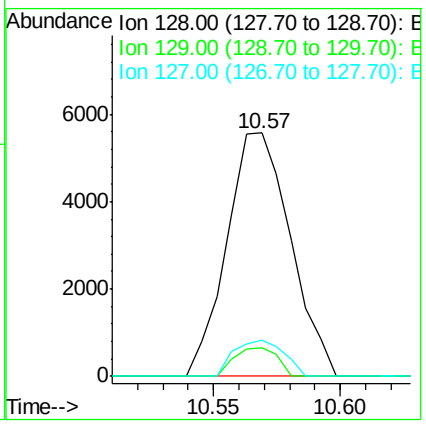


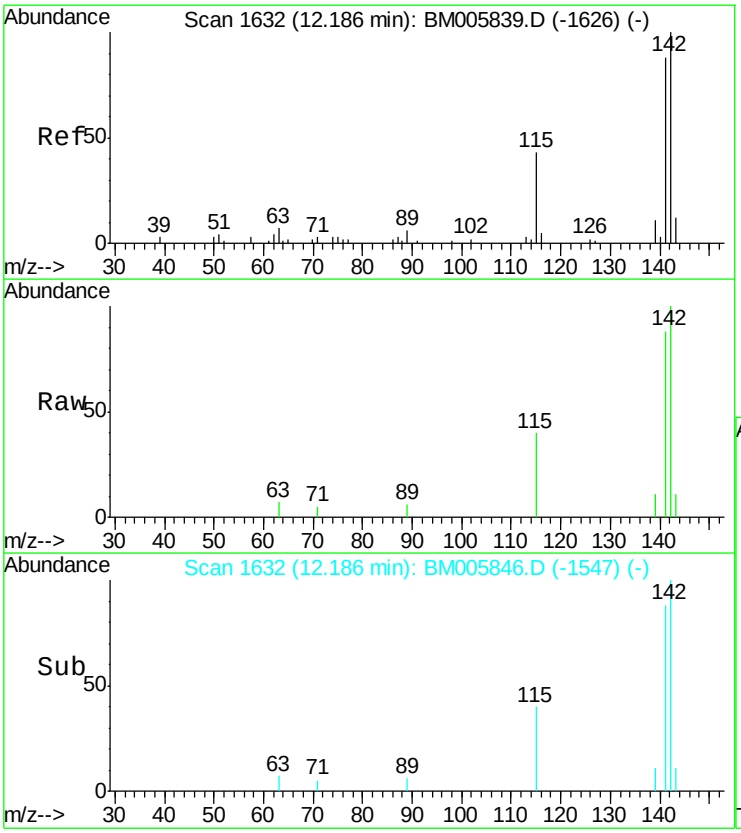
#11
Naphthalene
Concen: 1.56 ng/ul
RT: 10.57 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Instrument :
BNA_M
ClientSampleId :
D9XW3

Tgt Ion:128 Resp: 9737

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.0	13.4
127	15.1	10.9	16.3

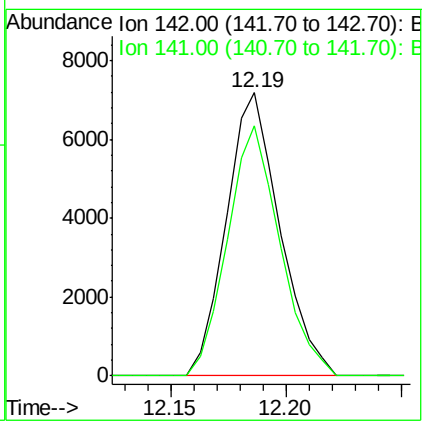


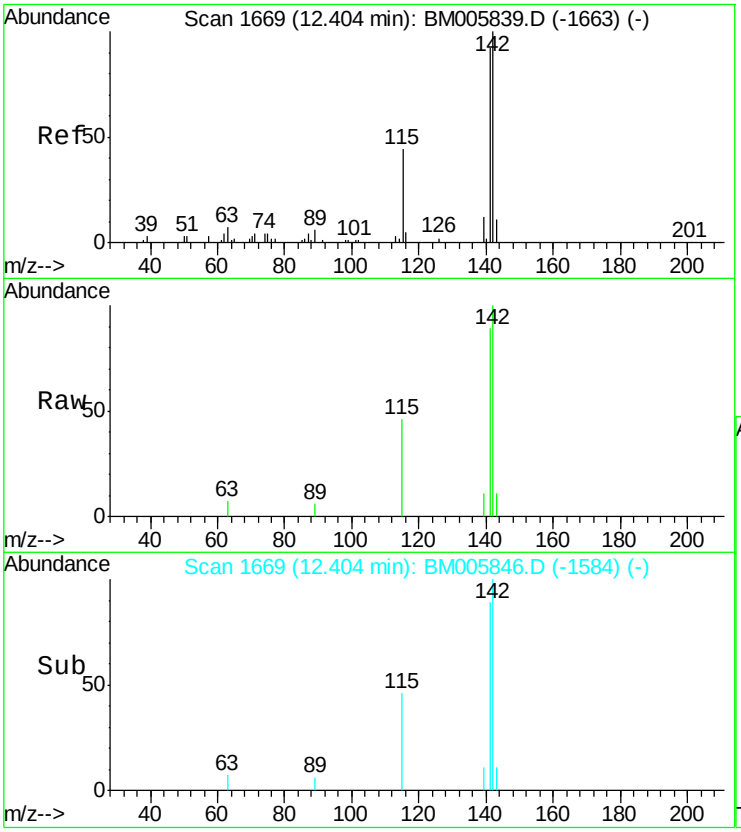


#13
2-Methylnaphthalene
Concen: 2.43 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Tgt Ion:142 Resp: 11574

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.2	105.2



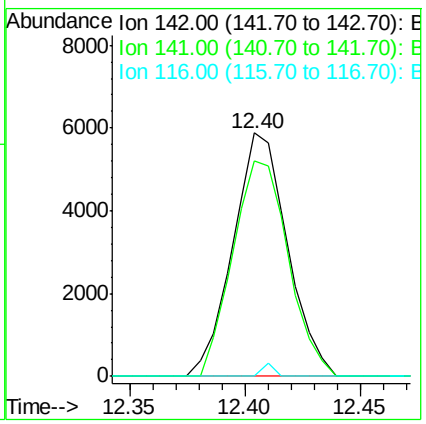


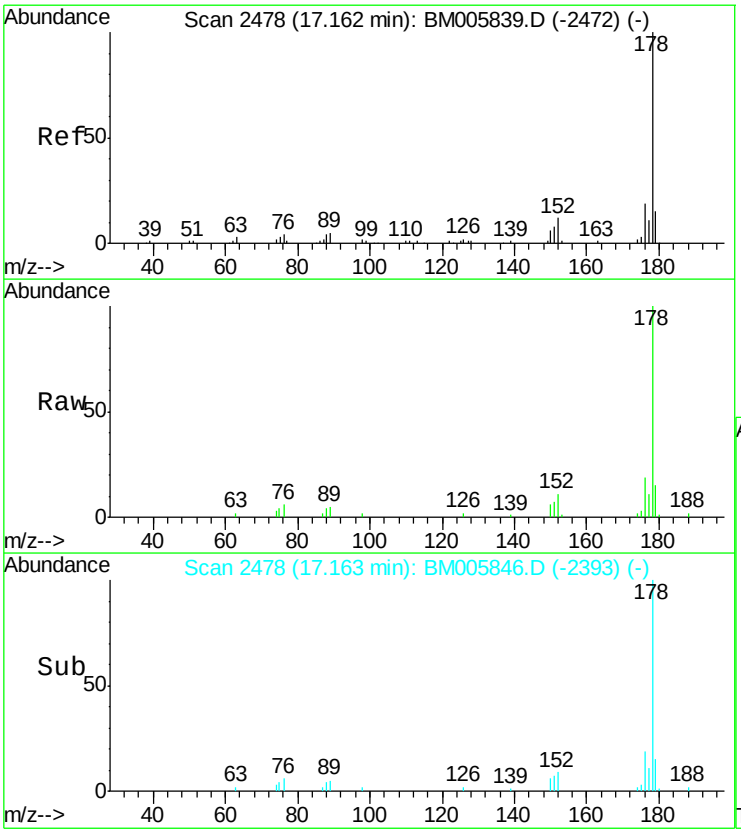
#14
1-Methylnaphthalene
Concen: 1.95 ng/ul
RT: 12.40 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Instrument :
BNA_M
ClientSampleId :
D9XW3

Tgt Ion:142 Resp: 9675

Ion	Ratio	Lower	Upper
142	100		
141	88.6	75.4	113.2
116	0.0	3.7	5.5#

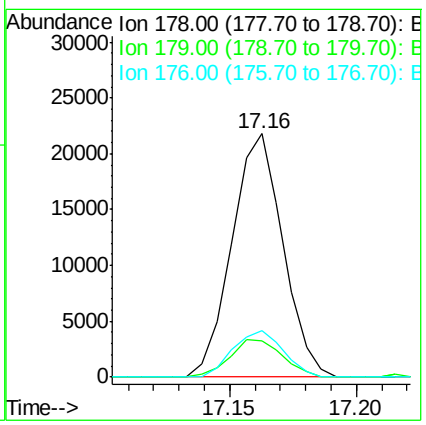


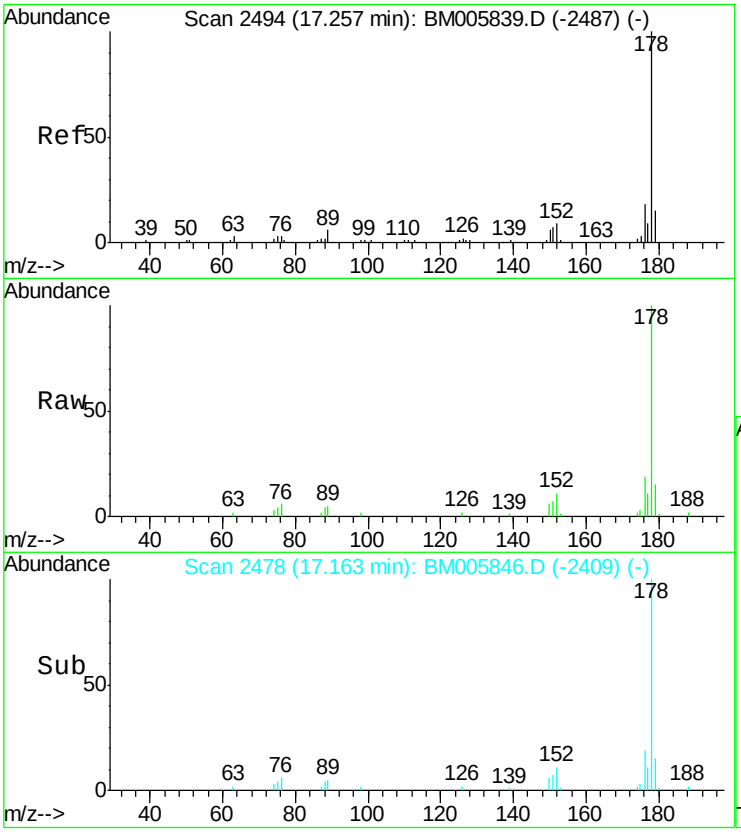


#25
Phenanthrene
Concen: 2.87 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Tgt Ion:178 Resp: 30397

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.0	18.0
176	19.0	14.9	22.3



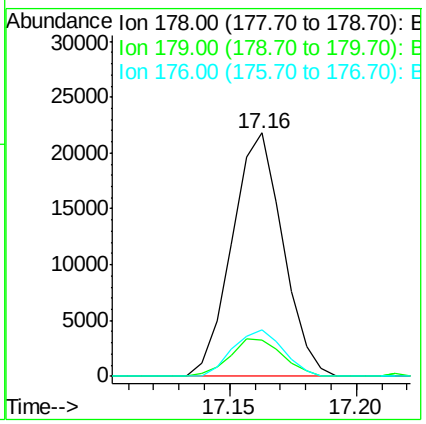


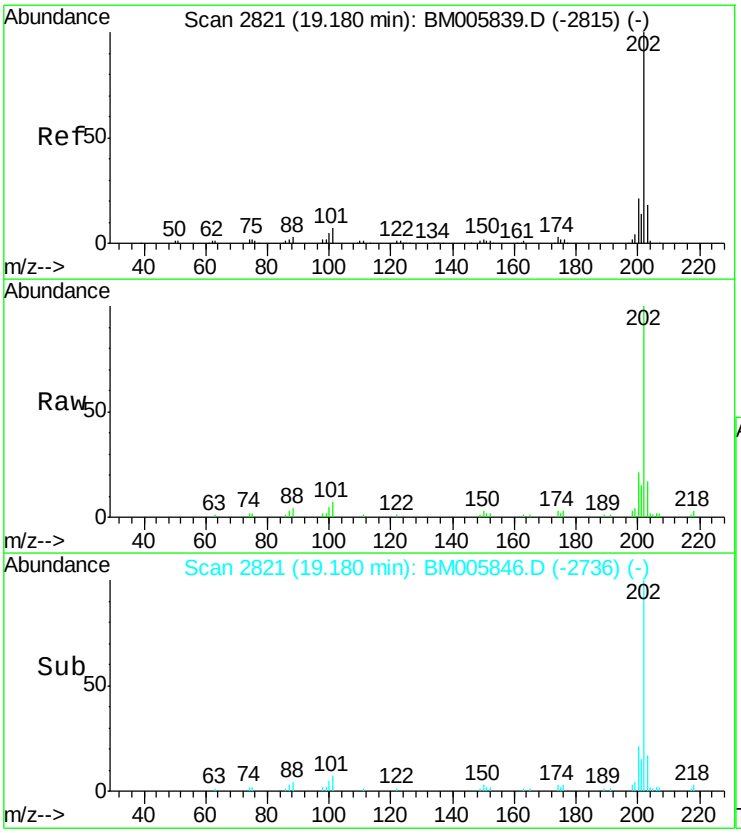
#27
Anthracene
Concen: 2.81 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.09 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Instrument :
BNA_M
ClientSampleId :
D9XW3

Tgt Ion:178 Resp: 30397

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.9	17.9
176	19.0	14.8	22.2

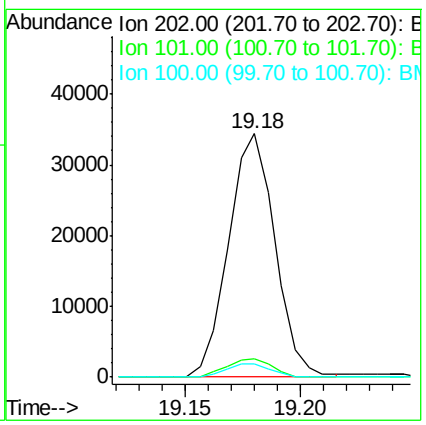


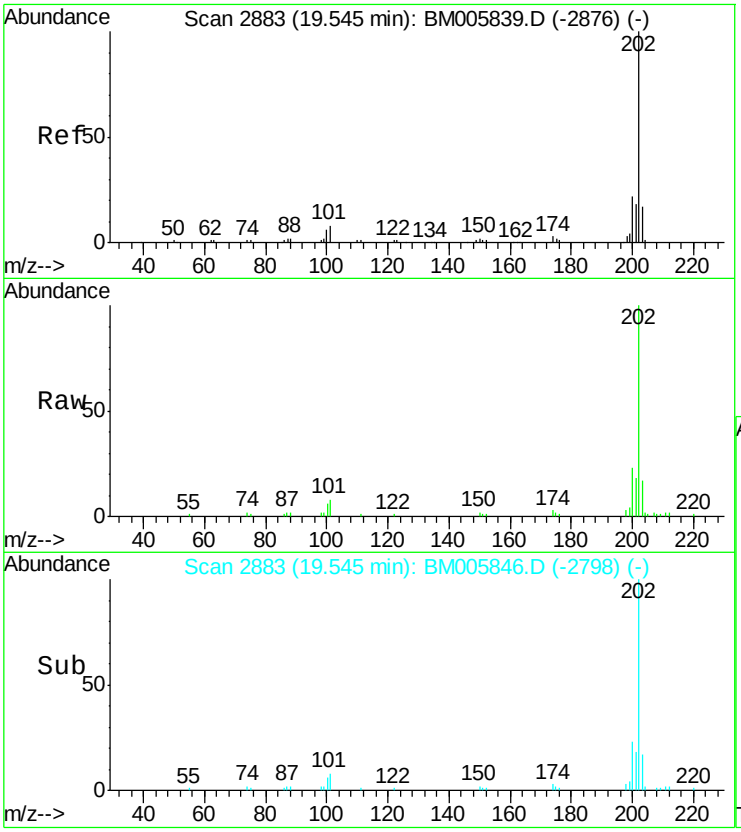


#28
Fluoranthene
Concen: 3.62 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Tgt Ion:202 Resp: 48126

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.1	9.1
100	5.5	4.2	6.2



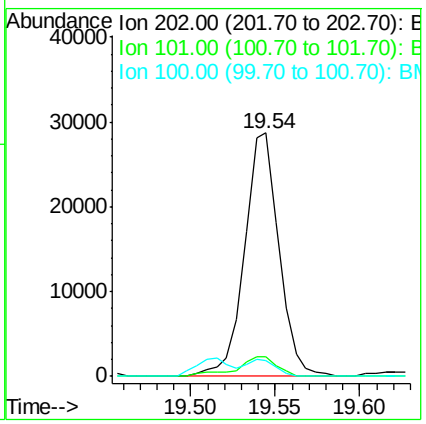


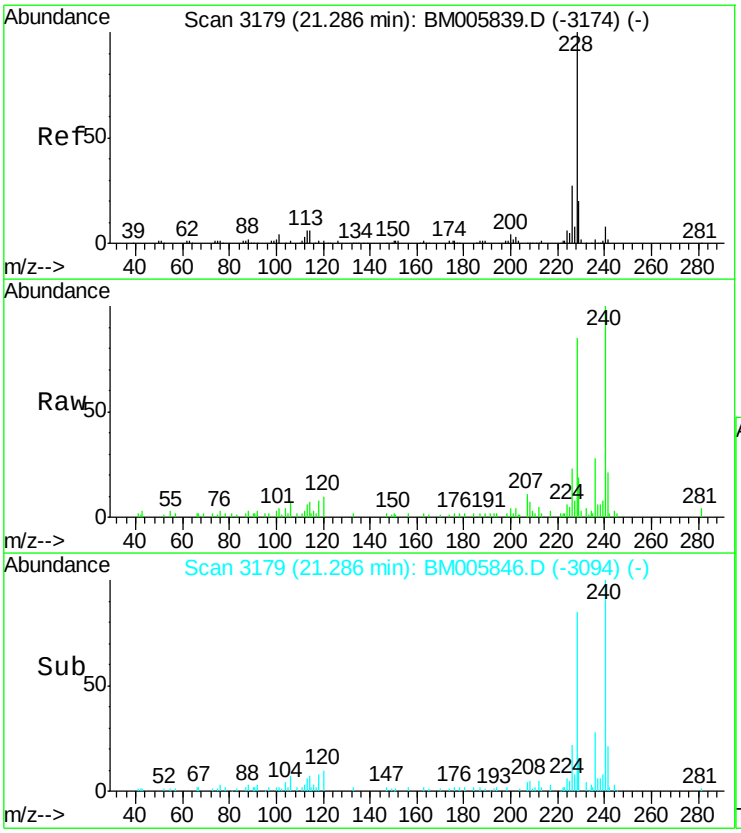
#31
Pyrene
Concen: 3.24 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Instrument :
BNA_M
ClientSampleId :
D9XW3

Tgt Ion:202 Resp: 40796

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.5	9.7
100	6.4	5.4	8.2

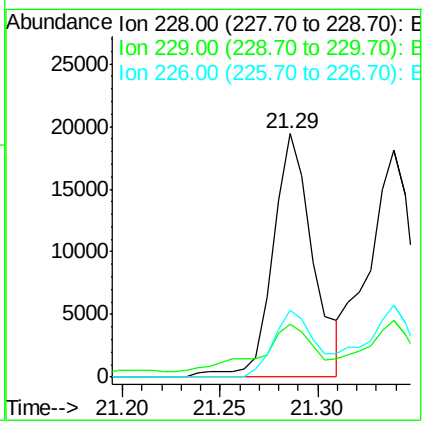


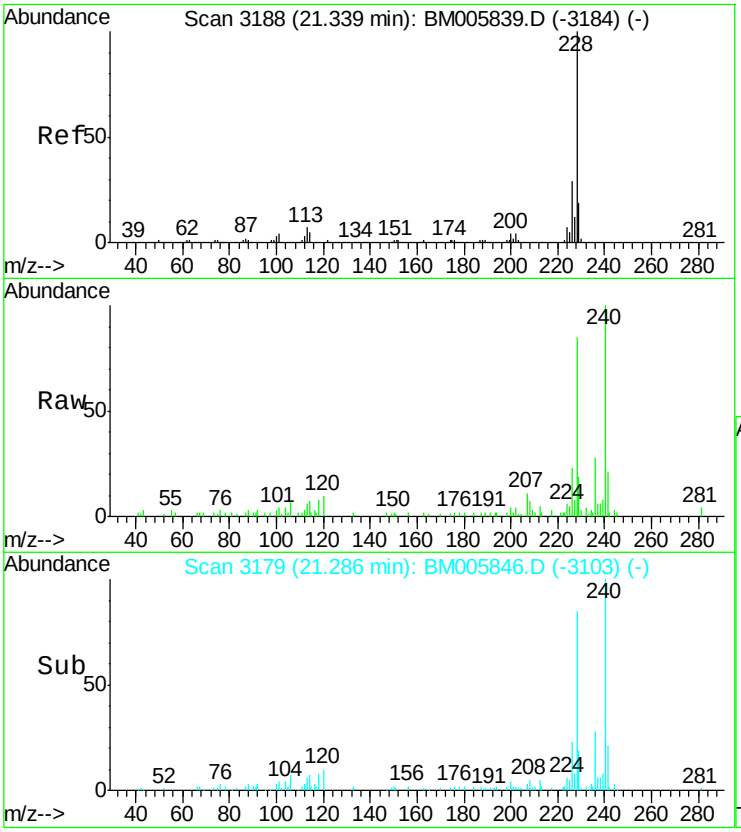


#32
Benzo(a)anthracene
Concen: 2.08 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Tgt Ion:228 Resp: 27660

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	27.3	21.8	32.6



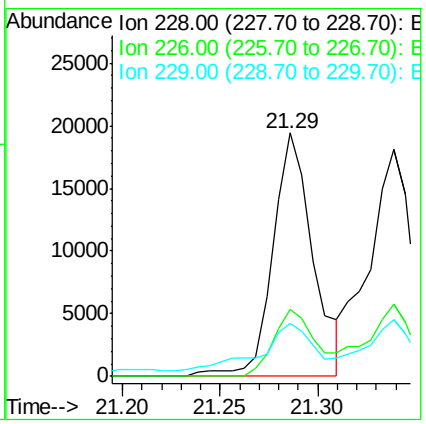


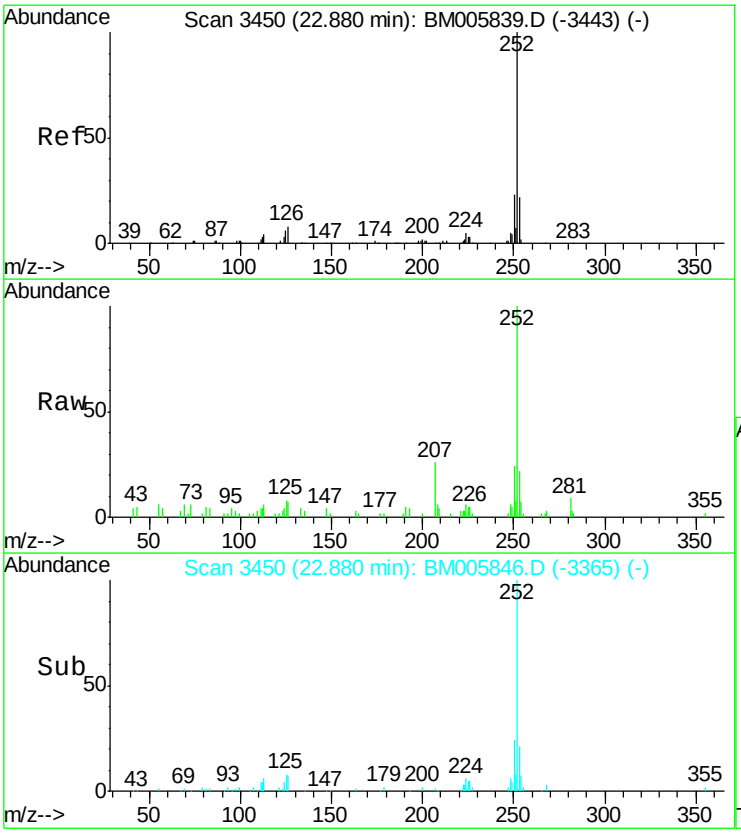
#33
Chrysene
Concen: 2.16 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.05 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Instrument :
BNA_M
ClientSampleId :
D9XW3

Tgt Ion:228 Resp: 27660

Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.5	35.3
229	21.9	15.4	23.0

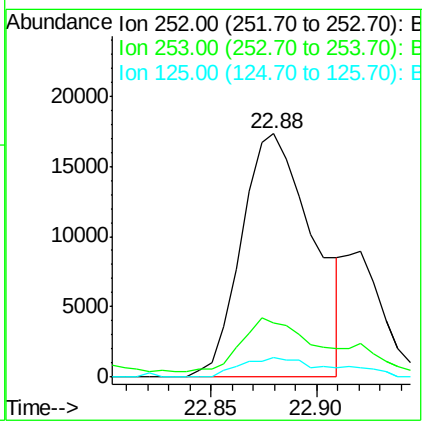


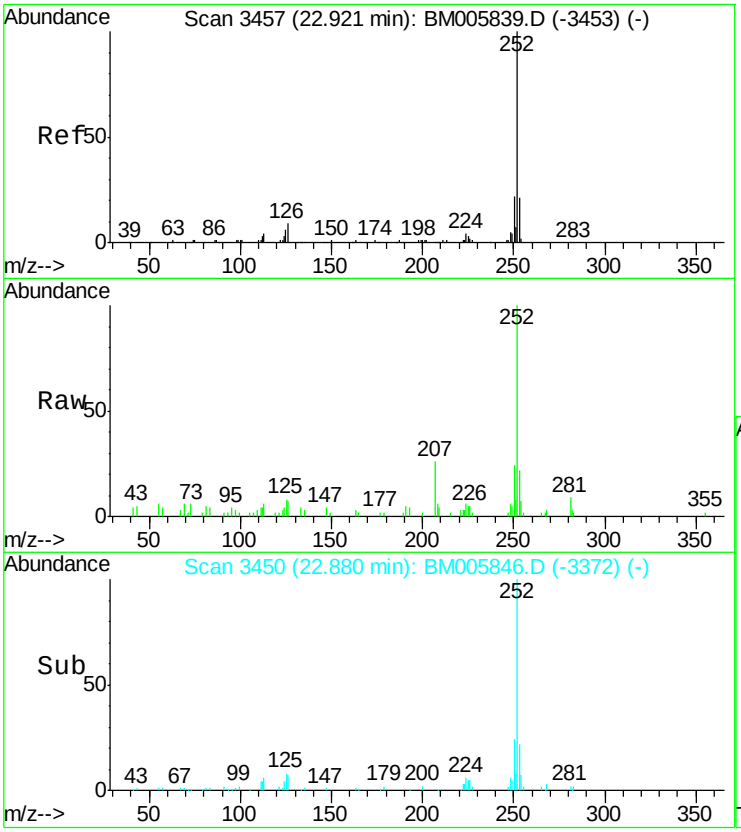


#35
Benzo(b)fluoranthene
Concen: 3.37 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Tgt Ion:252 Resp: 40773

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	7.8	4.9	7.3#



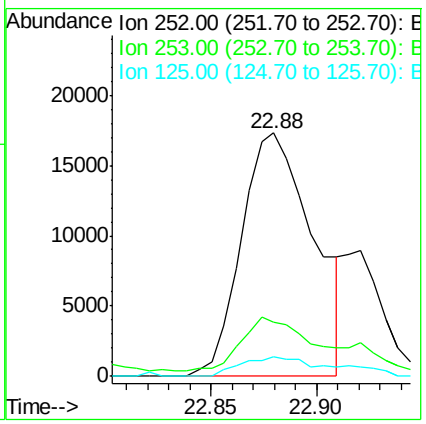


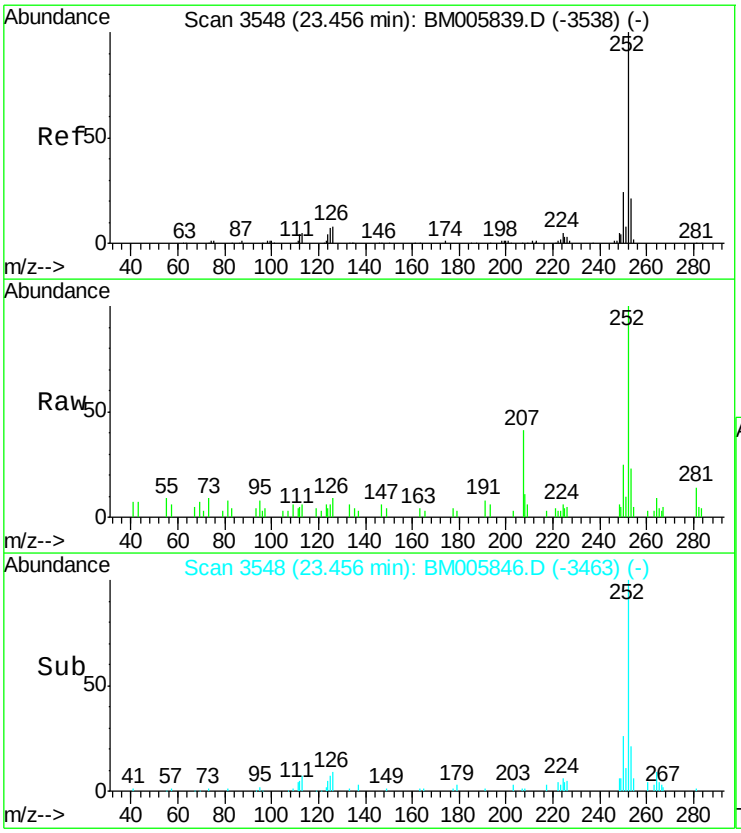
#36
Benzo(k)fluoranthene
Concen: 3.49 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. -0.04 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Instrument :
BNA_M
ClientSampleId :
D9XW3

Tgt Ion:252 Resp: 40773

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	7.8	4.8	7.2#

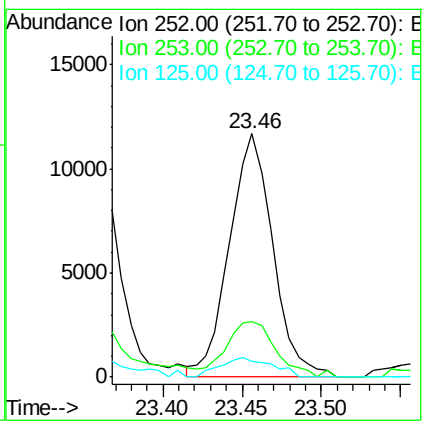


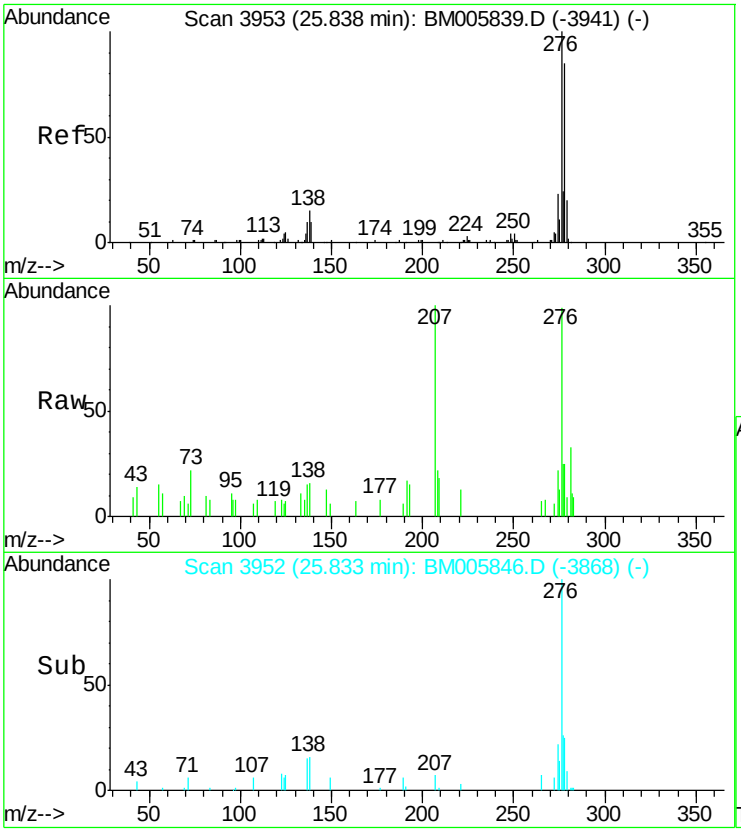


#38
Benzo(a)pyrene
Concen: 1.88 ng/ul
RT: 23.46 min Scan# 3548
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Tgt Ion:252 Resp: 22290

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	6.4	5.1	7.7



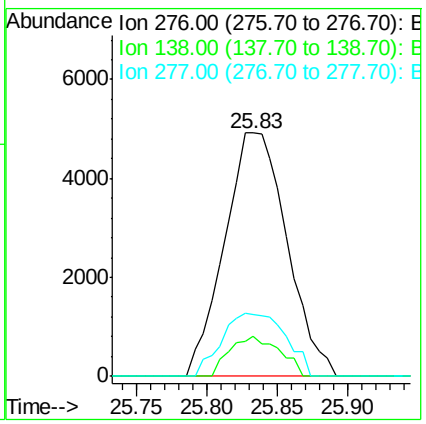


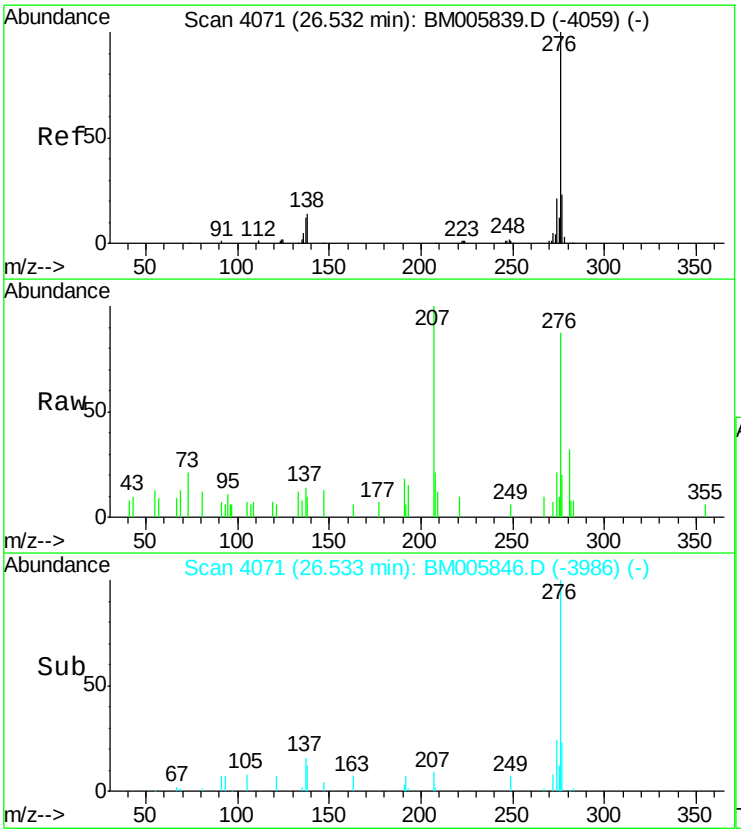
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.05 ng/ul
RT: 25.83 min Scan# 3952
Delta R.T. -0.01 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Instrument :
BNA_M
ClientSampleId :
D9XW3

Tgt Ion:276 Resp: 15215

Ion	Ratio	Lower	Upper
276	100		
138	16.5	11.9	17.9
277	25.6	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 1.14 ng/ul
RT: 26.53 min Scan# 4071
Delta R.T. 0.00 min
Lab File: BM005846.D
Acq: 17 Jun 2016 02:14

Tgt Ion:276 Resp: 14067

Ion	Ratio	Lower	Upper
276	100		
138	12.0	10.6	15.8
277	23.1	19.6	29.4