Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005866.D
Acq On : 17 Jun 2016 18:03
Operator : UM/SJ
Sample : H3535-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XW2

Quant Time: Jun 17 18:57:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	25857	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	112493	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.38	164	67104	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	151738	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	142110	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	133084	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	474	2.37	ng/uL	0.00
3) Phenol-d5	6.92	99	33535	15.49	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.06	67	17439	15.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	31578	17.49	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	27872	14.40	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	14898	18.76	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	17843	18.39	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	34344	17.92	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	20351	15.69	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	111473	17.56	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	133559	18.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	8402	10.98	ng/ul	0.02
21) Fluorene-d10	15.37	176	96704	17.88	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	7137	6.97	ng/ul	0.01
26) Anthracene-d10	17.22	188	150089	18.94	ng/ul	0.00
30) Pyrene-d10	19.52	212	159933	23.74	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	124505	18.71	ng/ul	0.01
Target Compounds						Qvalue
11) Naphthalene	10.57	128	6321	1.05	ng/ul	96
13) 2-Methylnaphthalene	12.19	142	5551	1.21	ng/ul	94
18) Acenaphthylene	14.10	152	16580	2.24	ng/ul#	97
25) Phenanthrene	17.17	178	22177	2.45	ng/ul	98
27) Anthracene	17.26	178	29368	3.18	ng/ul	98
28) Fluoranthene	19.19	202	96155	8.47	ng/ul	97
31) Pyrene	19.55	202	117513	13.99	ng/ul	98
32) Benzo(a)anthracene	21.29	228	85821	9.67	ng/ul	94
33) Chrysene	21.29	228	85825	10.04	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	222131	26.81	ng/ul#	94
36) Benzo(k)fluoranthene	22.89	252	221897	27.74	ng/ul#	95
38) Benzo(a)pyrene	23.47	252	82157	10.10	ng/ul	96
39) Indeno(1,2,3-cd)pyrene	25.86	276	60269	6.06	ng/ul	97
40) Dibenzo(a,h)anthracene	25.86	278	20571	2.52	ng/ul#	68
41) Benzo(g,h,i)perylene	26.57	276	48980	5.79	ng/ul#	93

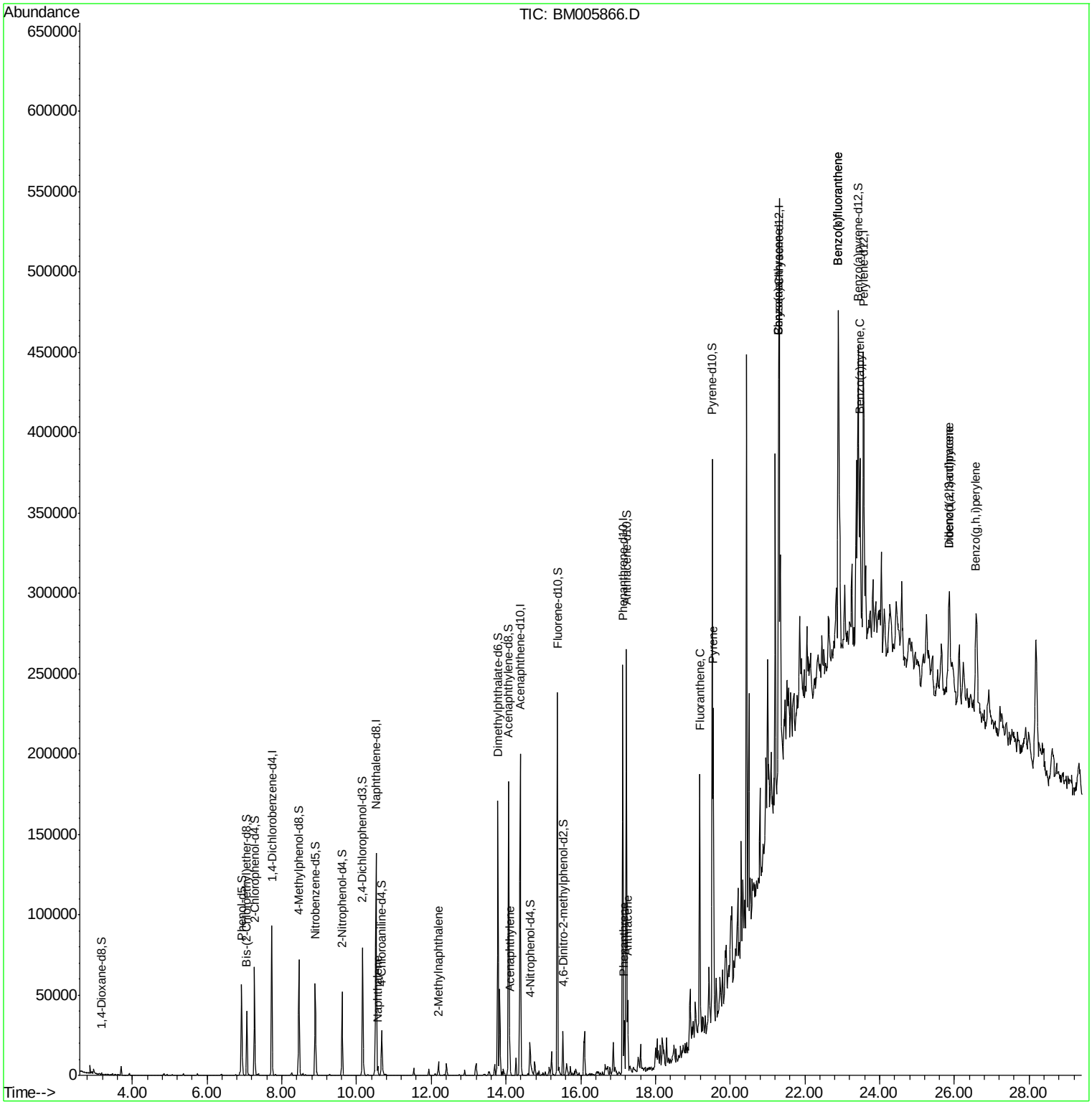
(#) = qualifier out of range (m) = manual integration (+) = signals summed

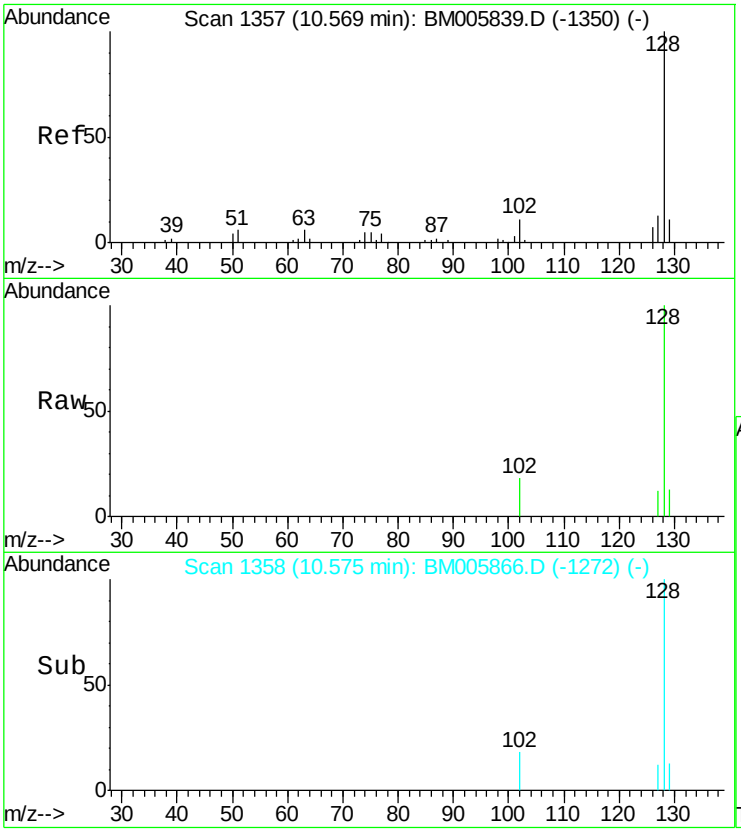
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005866.D
Acq On : 17 Jun 2016 18:03
Operator : UM/SJ
Sample : H3535-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW2

Quant Time: Jun 17 18:57:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration



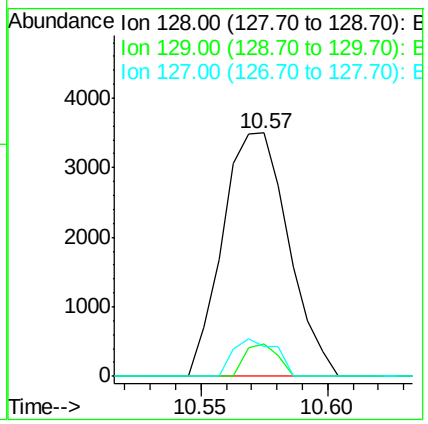


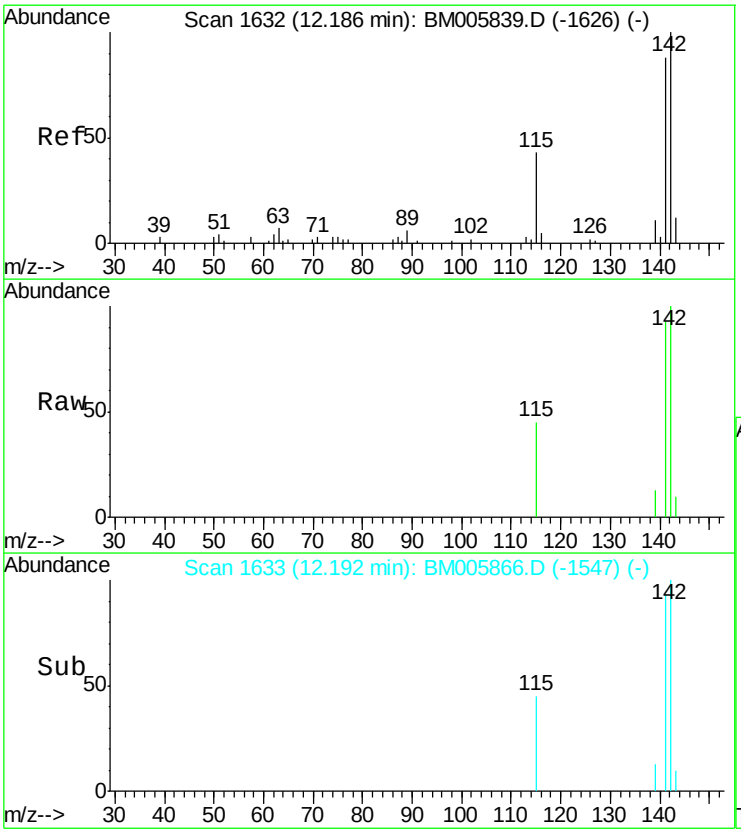
#11
Naphthalene
Concen: 1.05 ng/ul
RT: 10.57 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:128 Resp: 6321

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.0	13.4
127	12.5	10.9	16.3

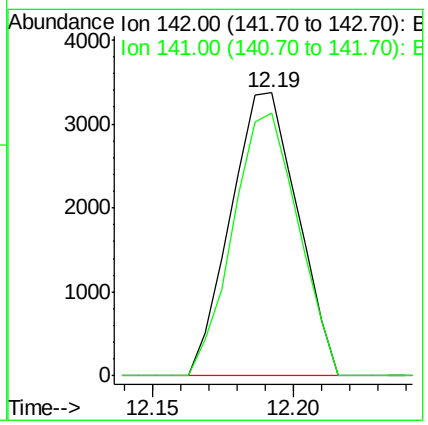


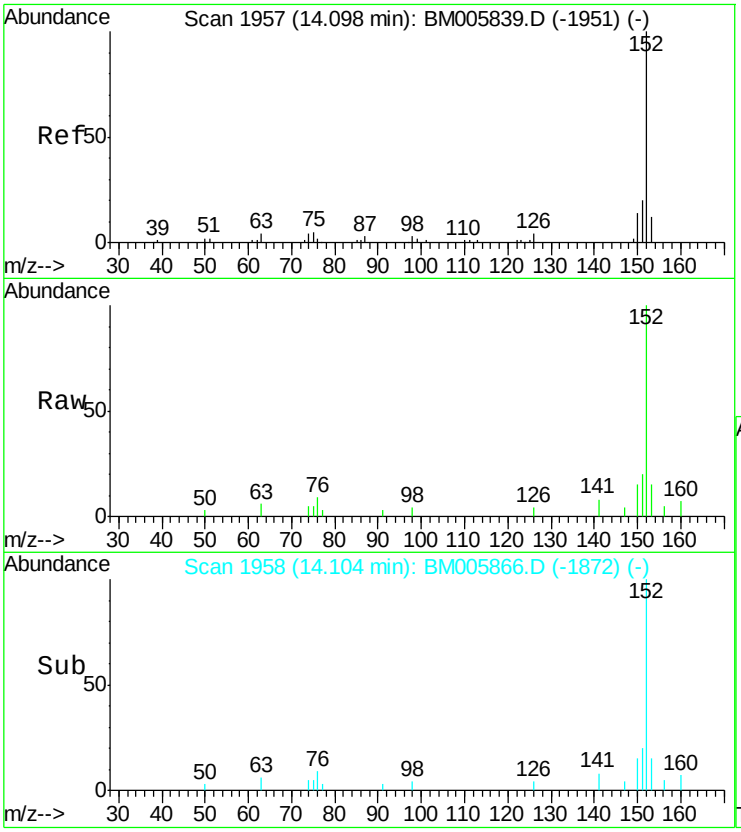


#13
2-Methylnaphthalene
Concen: 1.21 ng/ul
RT: 12.19 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Tgt Ion:142 Resp: 5551

Ion	Ratio	Lower	Upper
142	100		
141	93.0	70.2	105.2



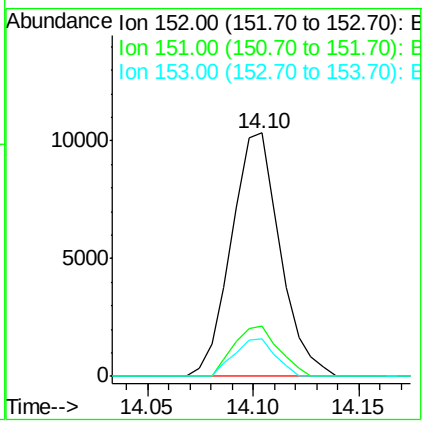


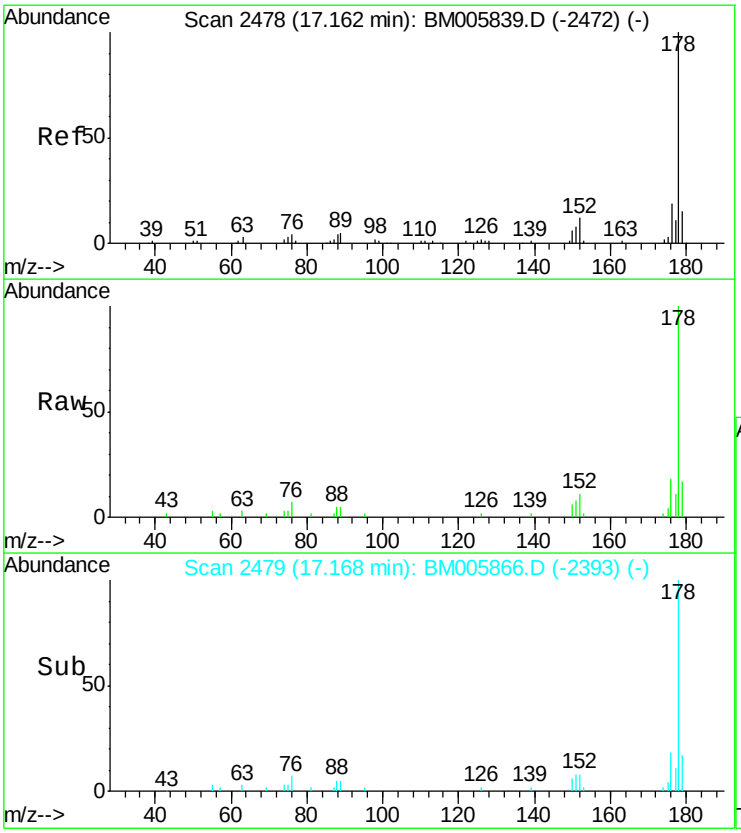
#18
Acenaphthylene
Concen: 2.24 ng/ul
RT: 14.10 min Scan# 1958
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:152 Resp: 16580

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	15.5	10.2	15.2#

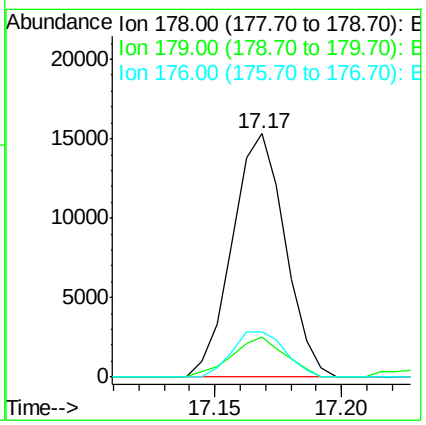


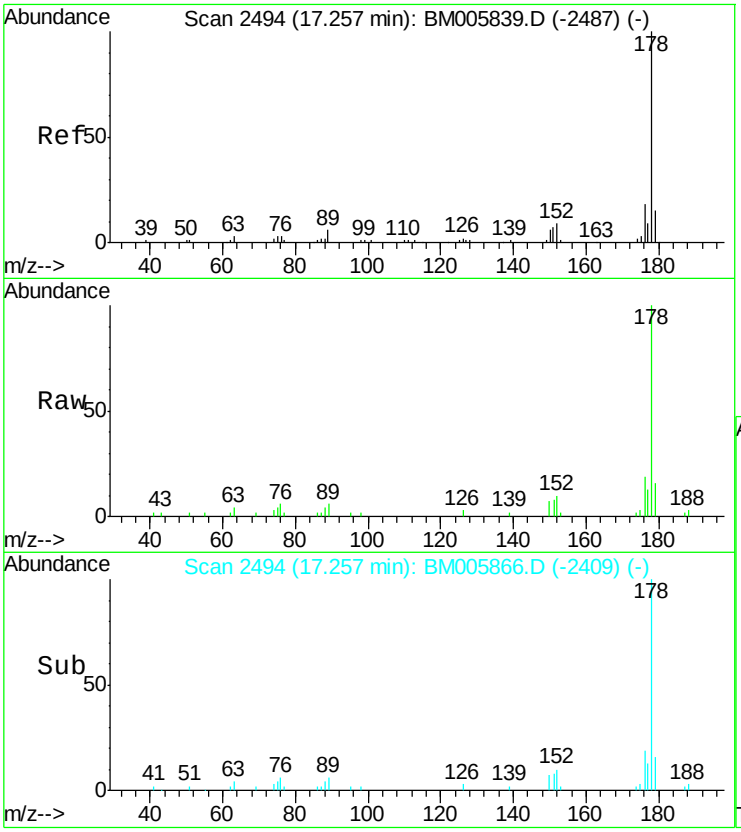


#25
Phenanthrene
Concen: 2.45 ng/ul
RT: 17.17 min Scan# 2479
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Tgt Ion:178 Resp: 22177

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.0	18.0
176	18.3	14.9	22.3



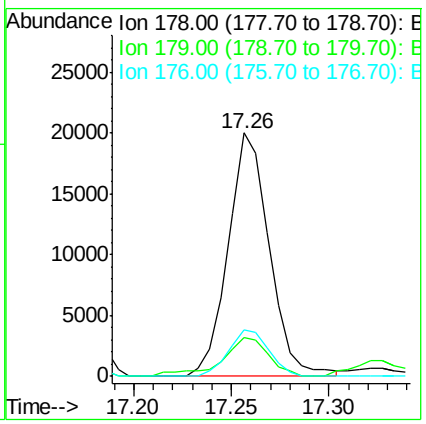


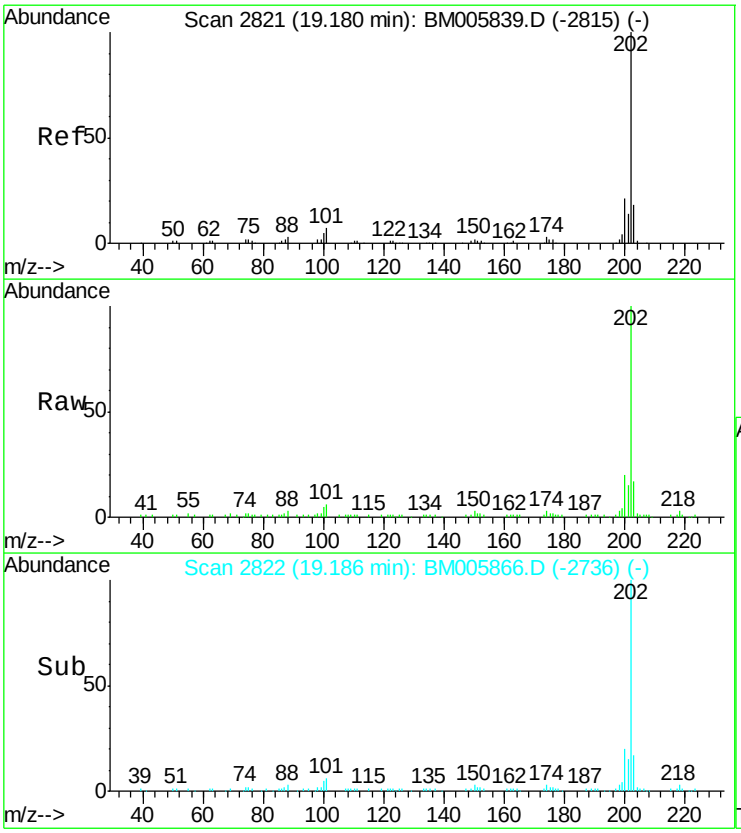
#27
Anthracene
Concen: 3.18 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:178 Resp: 29368

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.9	17.9
176	19.0	14.8	22.2

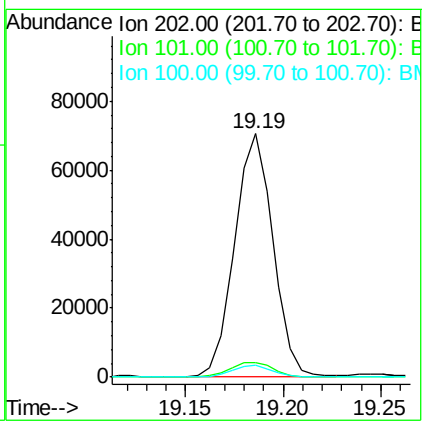


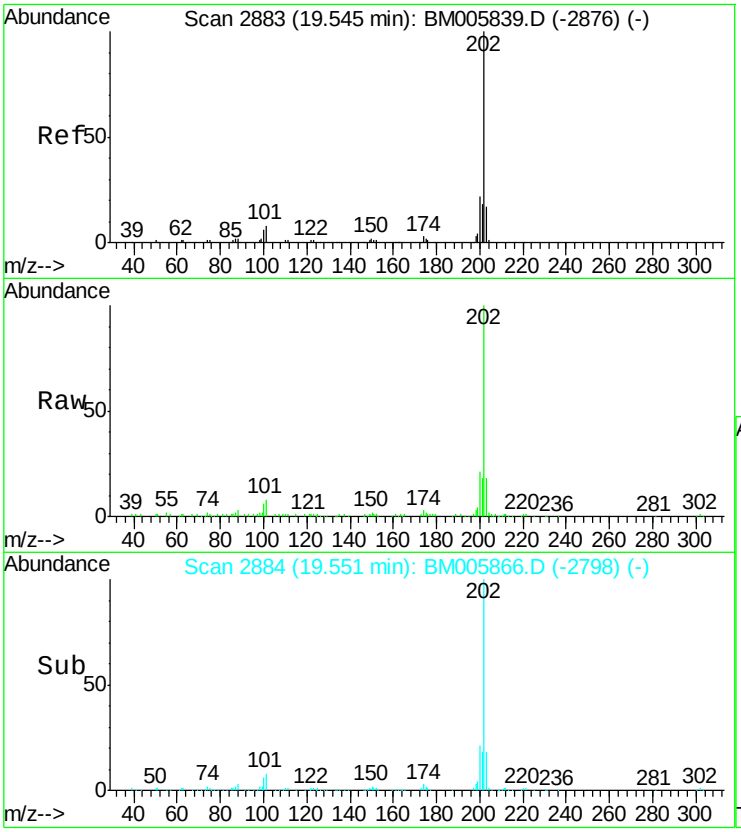


#28
Fluoranthene
Concen: 8.47 ng/ul
RT: 19.19 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Tgt Ion:202 Resp: 96155

Ion	Ratio	Lower	Upper
202	100		
101	6.2	6.1	9.1
100	4.9	4.2	6.2



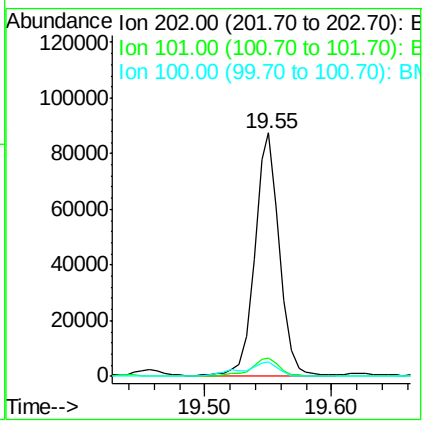


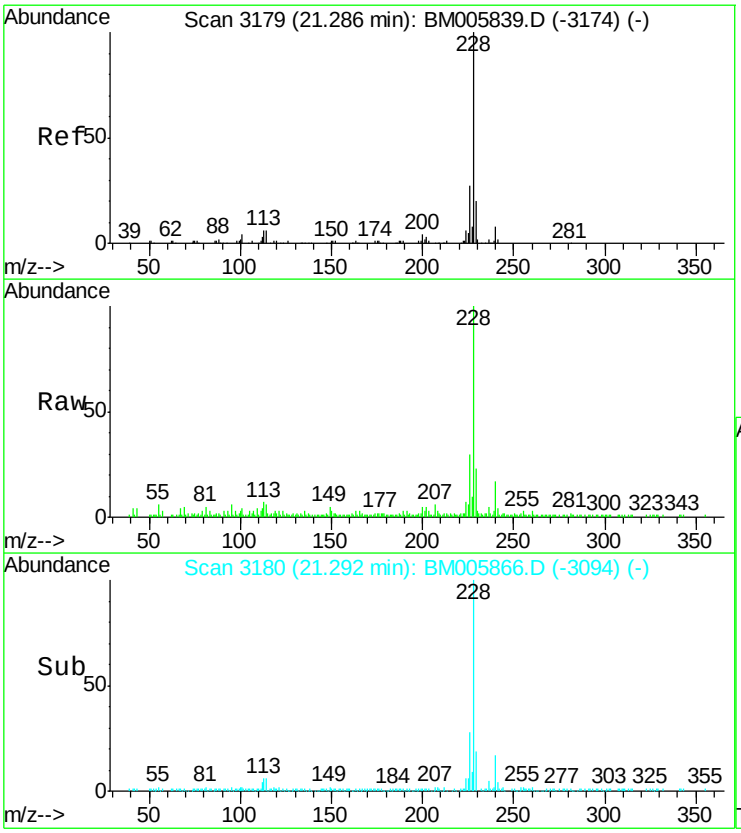
#31
Pyrene
Concen: 13.99 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:202 Resp: 117513

Ion	Ratio	Lower	Upper
202	100		
101	7.7	6.5	9.7
100	5.9	5.4	8.2

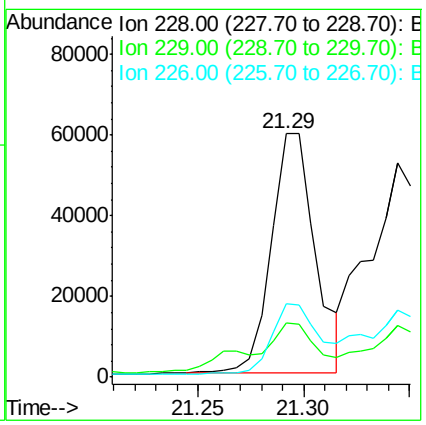


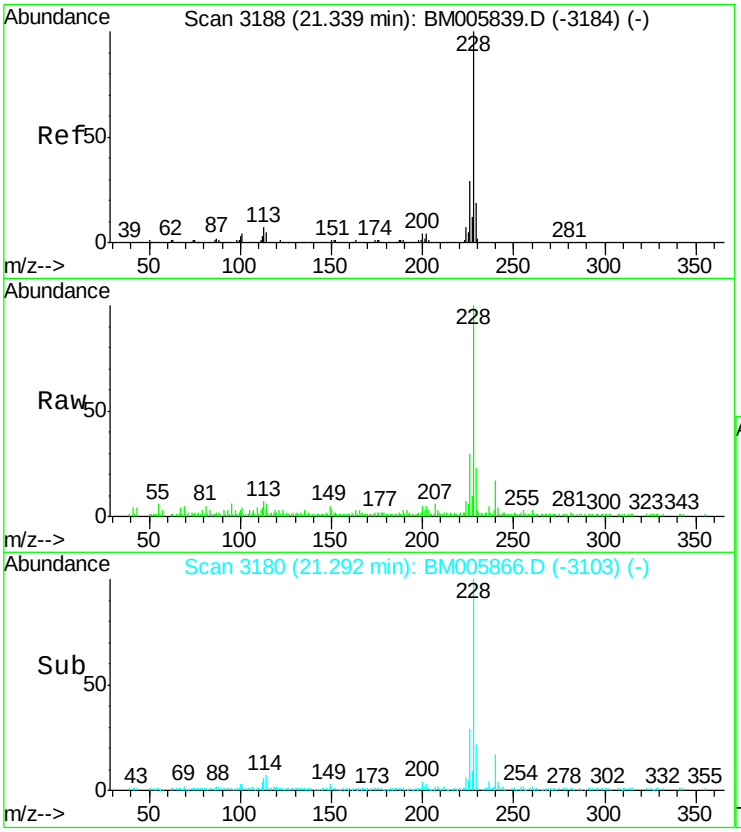


#32
Benzo(a)anthracene
Concen: 9.67 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Tgt Ion:228 Resp: 85821

Ion	Ratio	Lower	Upper
228	100		
229	22.5	15.8	23.6
226	29.9	21.8	32.6



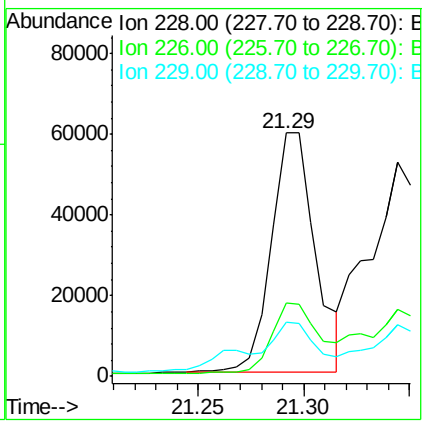


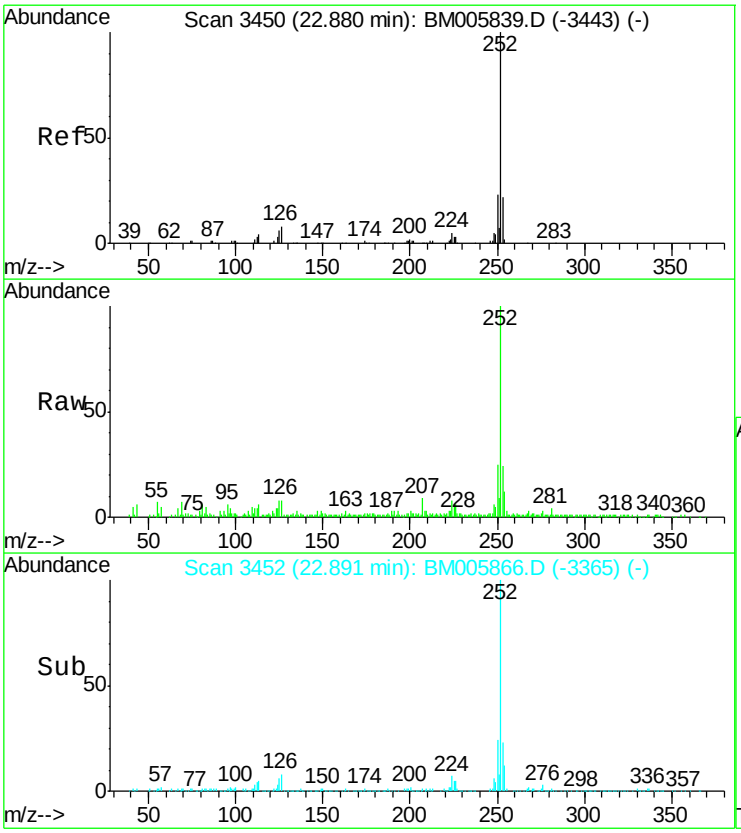
#33
Chrysene
Concen: 10.04 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. -0.05 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:228 Resp: 85825

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.5	35.3
229	22.5	15.4	23.0

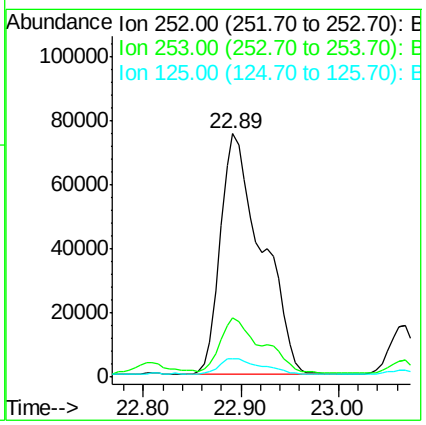


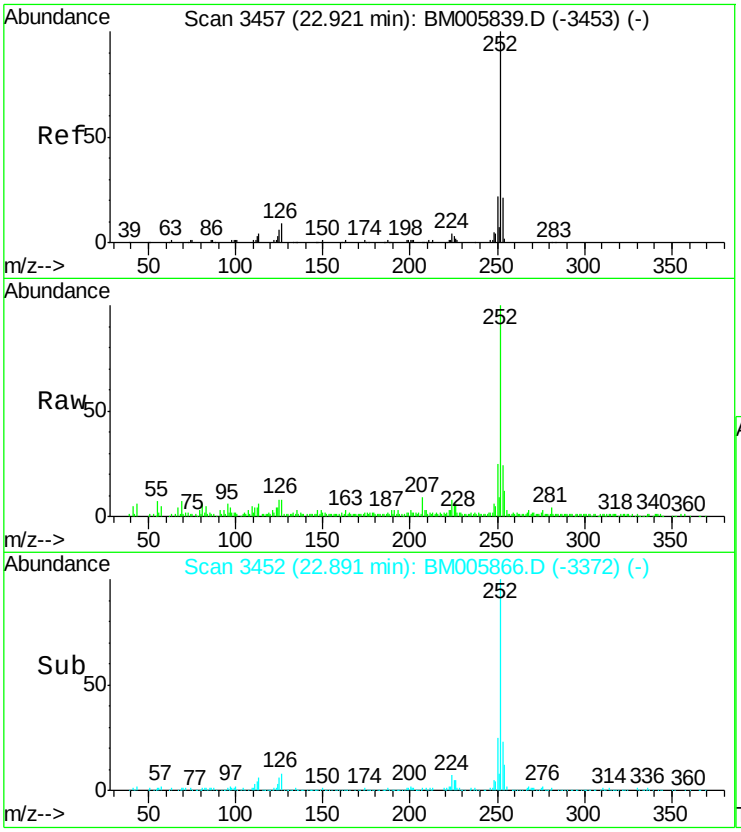


#35
Benzo(b)fluoranthene
Concen: 26.81 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Tgt Ion:252 Resp: 222131

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.1	25.7
125	7.6	4.9	7.3#



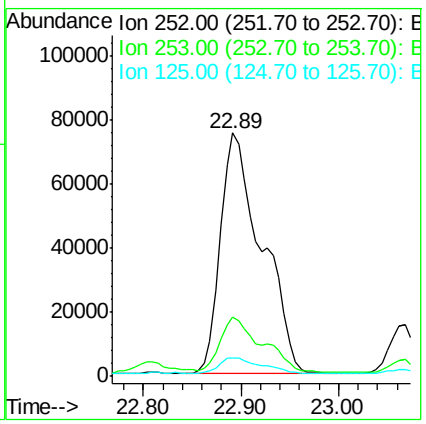


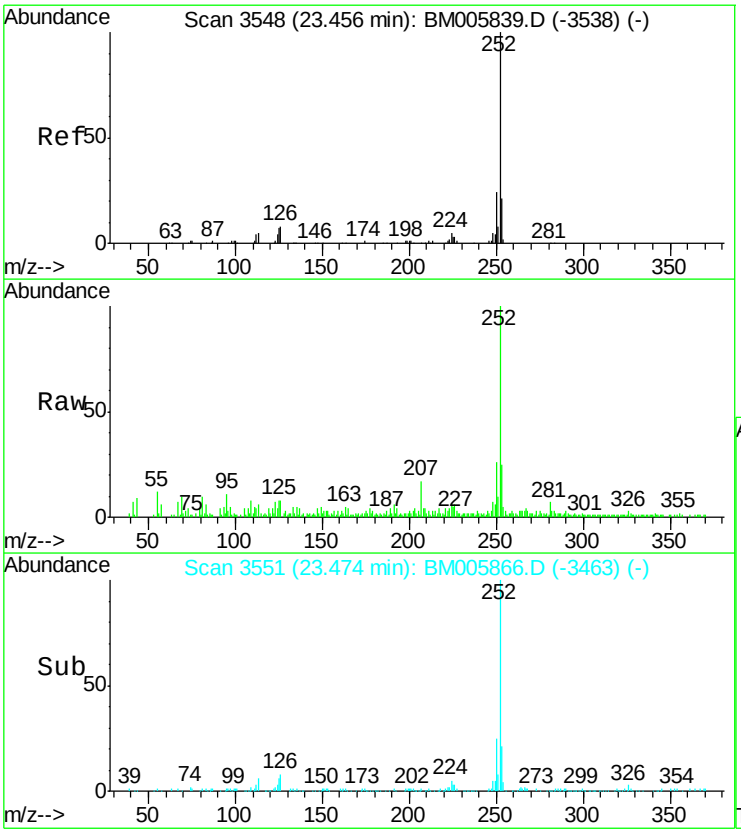
#36
Benzo(k)fluoranthene
Concen: 27.74 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.03 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:252 Resp: 221897

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.5	26.3
125	7.6	4.8	7.2#

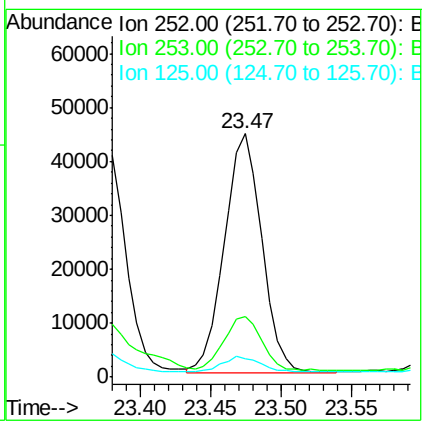


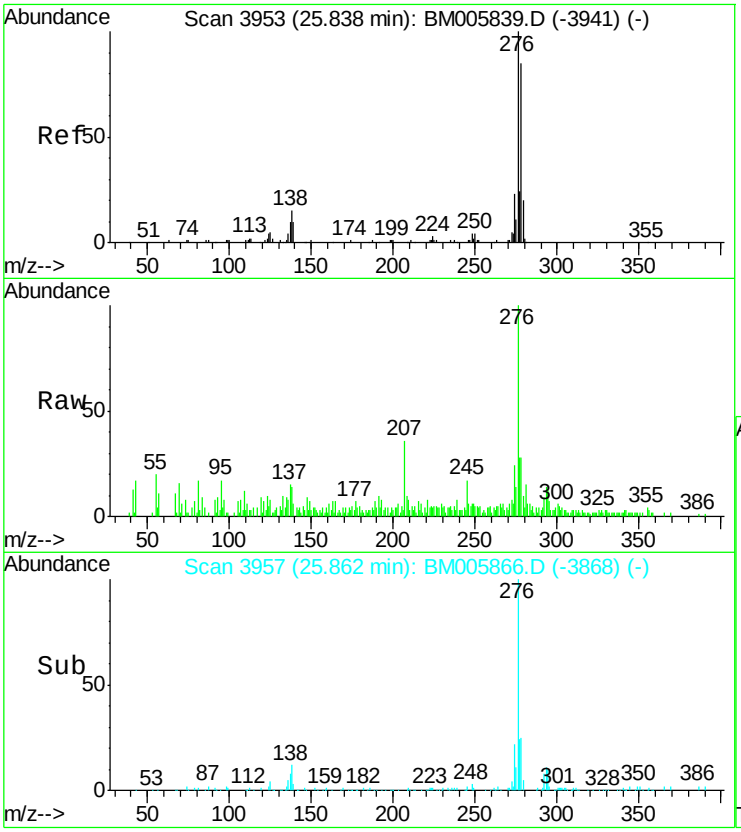


#38
Benzo(a)pyrene
Concen: 10.10 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. 0.02 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Tgt Ion:252 Resp: 82157

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.0	27.0
125	7.6	5.1	7.7



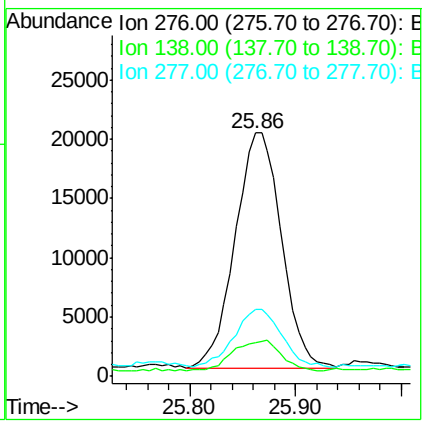


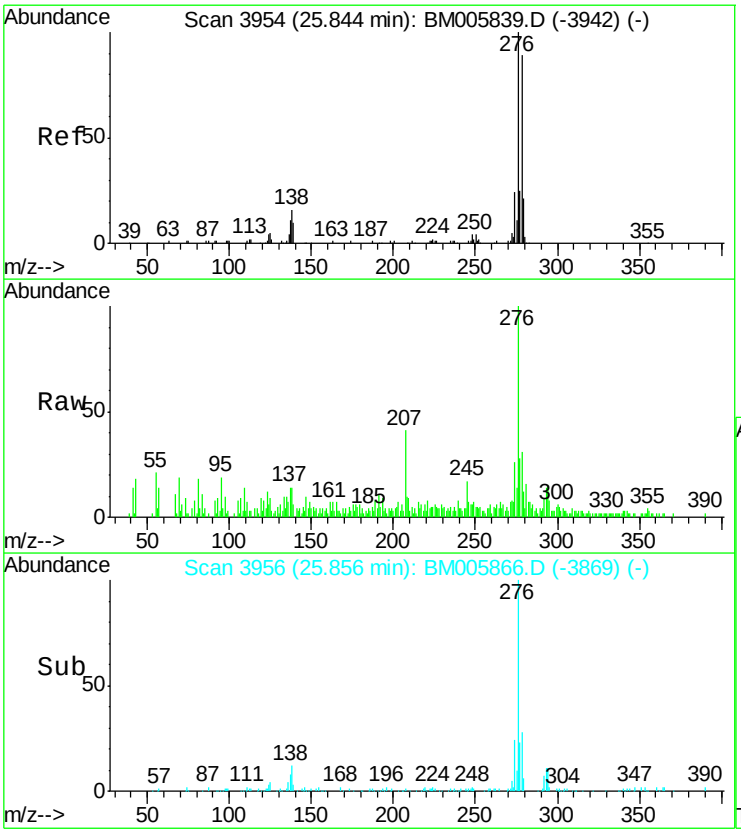
#39
Indeno(1,2,3-cd)pyrene
Concen: 6.06 ng/ul
RT: 25.86 min Scan# 3957
Delta R.T. 0.02 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:276 Resp: 60269

Ion	Ratio	Lower	Upper
276	100		
138	13.9	11.9	17.9
277	27.7	21.0	31.6

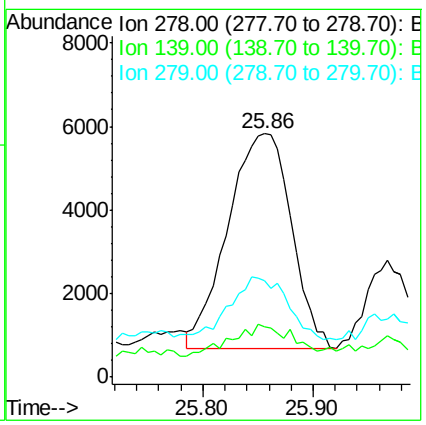


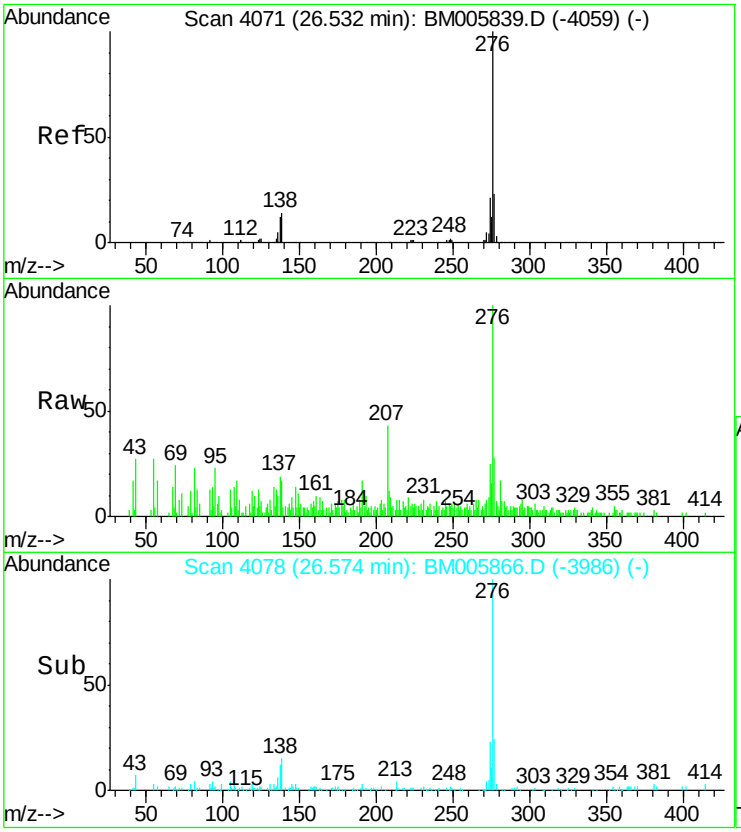


#40
Dibenzo(a,h)anthracene
Concen: 2.52 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. 0.01 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Tgt Ion:278 Resp: 20571

Ion	Ratio	Lower	Upper
278	100		
139	20.6	8.2	12.4#
279	39.4	18.6	27.8#





#41
Benzo(g,h,i)perylene
Concen: 5.79 ng/ul
RT: 26.57 min Scan# 4078
Delta R.T. 0.04 min
Lab File: BM005866.D
Acq: 17 Jun 2016 18:03

Instrument :
BNA_M
ClientSampleId :
D9XW2

Tgt Ion:276 Resp: 48980

Ion	Ratio	Lower	Upper
276	100		
138	16.8	10.6	15.8#
277	27.6	19.6	29.4