Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005730.D
Acq On : 11 Jun 2016 17:08
Operator : UM/SJ
Sample : H3411-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XQ3

Quant Time: Jun 11 23:26:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 23:08:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	76031	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	408206	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	269544	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	617326	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	678710	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	552875	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	1769	1.01	ng/uL	0.00
3) Phenol-d5	6.93	99	54334	8.28	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	48406	12.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	56193	10.59	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	25214	4.55	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	28872	9.81	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	33534	10.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	52706	8.74	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	65630	9.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	266385	11.98	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	339073	12.47	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	6686	2.06	ng/ul	0.03
21) Fluorene-d10	15.38	176	243200	12.92	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	12334	3.86	ng/ul	0.00
26) Anthracene-d10	17.23	188	345335	11.88	ng/ul	0.00
30) Pyrene-d10	19.53	212	439586	13.48	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	329486	13.07	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.59	128	17278	0.84	ng/ul	98
13) 2-Methylnaphthalene	12.21	142	2143	0.14	ng/ul	98
14) 1-Methylnaphthalene	12.43	142	1430	0.09	ng/ul#	97
18) Acenaphthylene	14.11	152	2766	0.10	ng/ul#	86
19) Acenaphthene	14.45	153	11114	0.61	ng/ul	95
22) Fluorene	15.44	166	10124	0.49	ng/ul	92
25) Phenanthrene	17.17	178	145305	4.30	ng/ul	98
27) Anthracene	17.26	178	29446	0.86	ng/ul	97
28) Fluoranthene	19.19	202	228151	5.75	ng/ul	100
31) Pyrene	19.55	202	194226	4.70	ng/ul	97
32) Benzo(a)anthracene	21.30	228	110685	2.82	ng/ul	98
33) Chrysene	21.35	228	105388	2.73	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	123463	3.76	ng/ul#	96
36) Benzo(k)fluoranthene	22.89	252	123463	3.72	ng/ul#	94
38) Benzo(a)pyrene	23.47	252	79956	2.56	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.60	276	5245	0.17	ng/ul	94
40) Dibenzo(a,h)anthracene	25.85	278	11939	0.47	ng/ul#	88
41) Benzo(g,h,i)perylene	26.54	276	45289	1.78	ng/ul	99

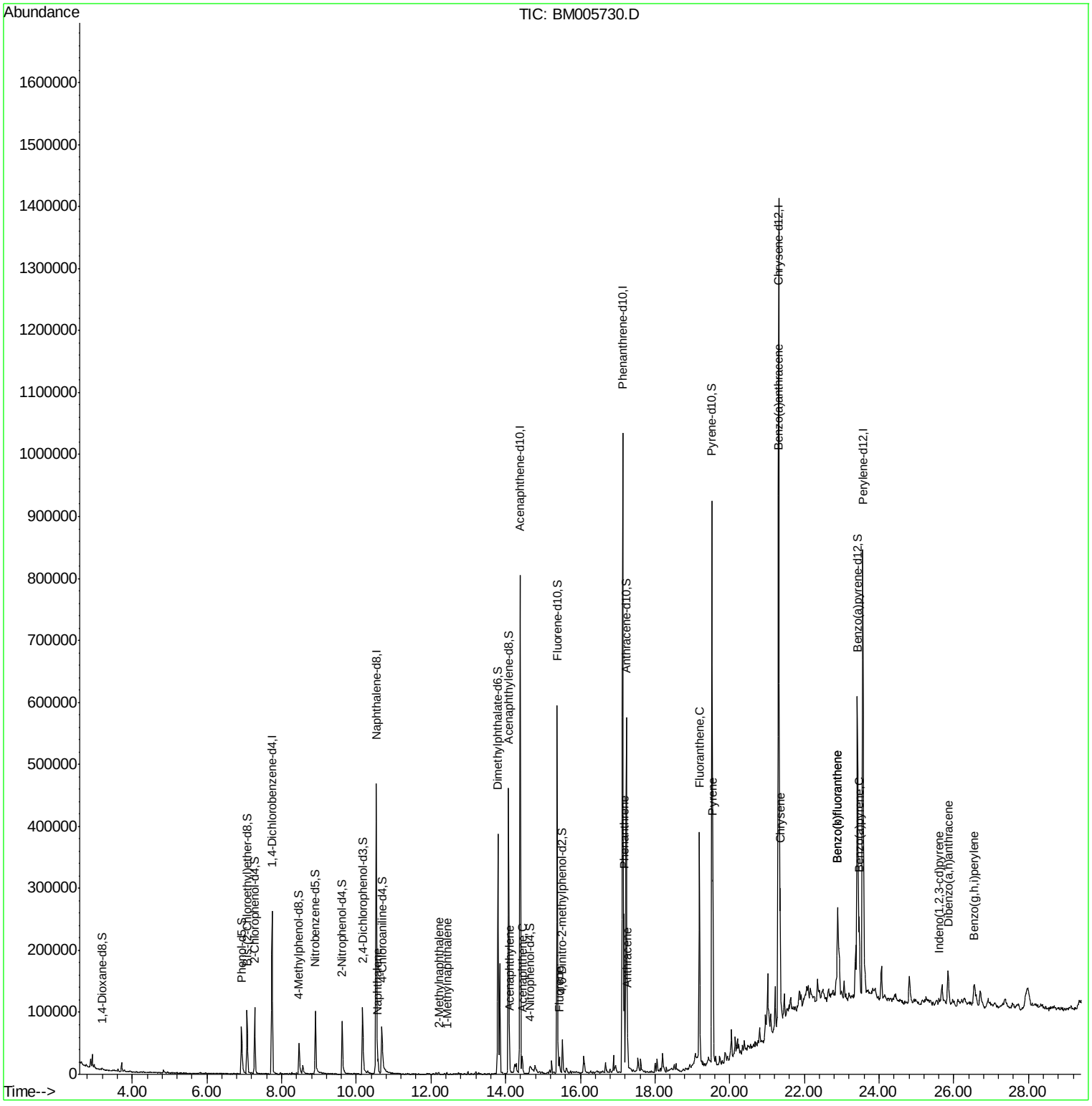
(#) = qualifier out of range (m) = manual integration (+) = signals summed

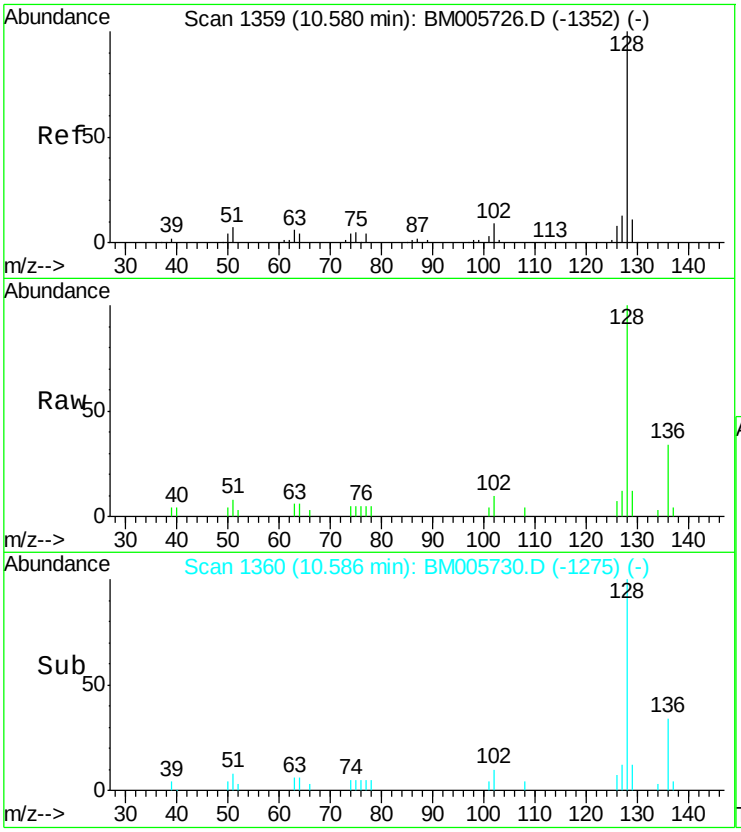
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061116\
Data File : BM005730.D
Acq On : 11 Jun 2016 17:08
Operator : UM/SJ
Sample : H3411-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Quant Time: Jun 11 23:26:30 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 11 23:08:56 2016
Response via : Initial Calibration



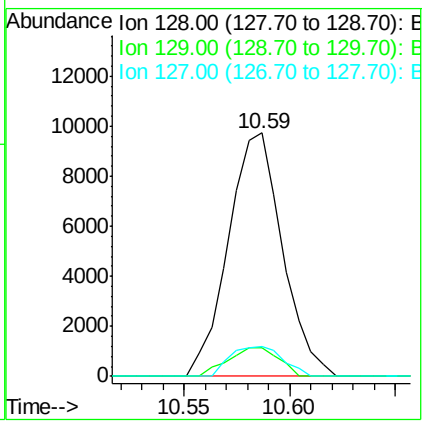


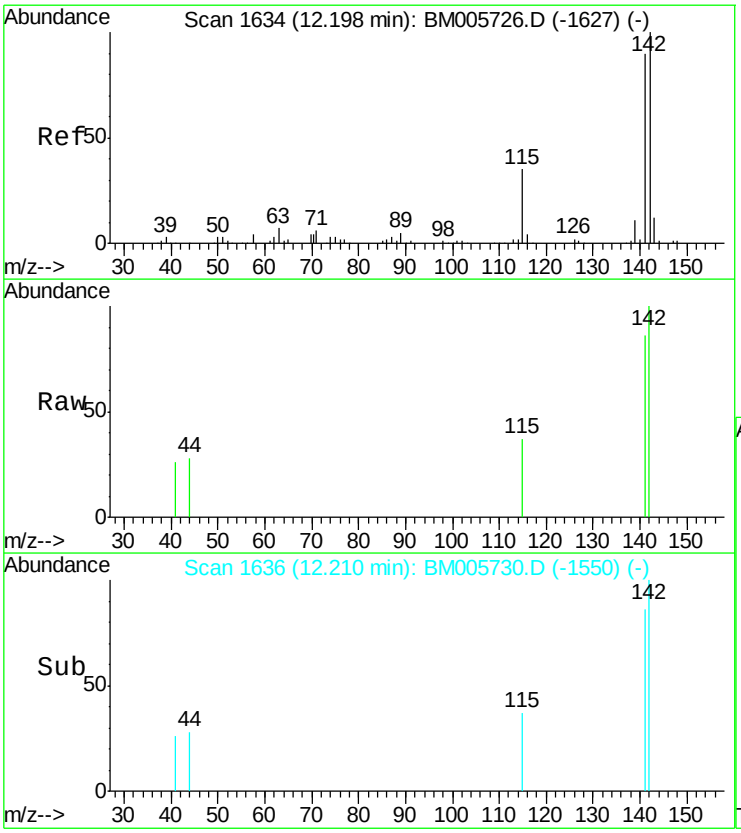
#11
Naphthalene
Concen: 0.84 ng/ul
RT: 10.59 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:128 Resp: 17278

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	12.3	10.3	15.5

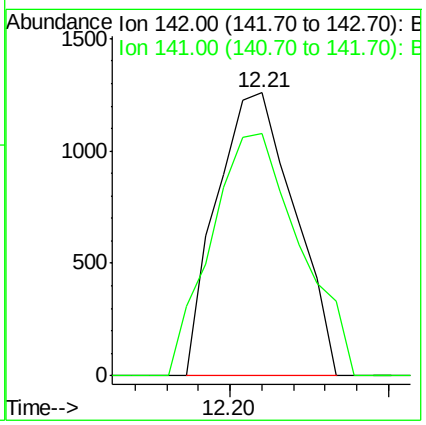


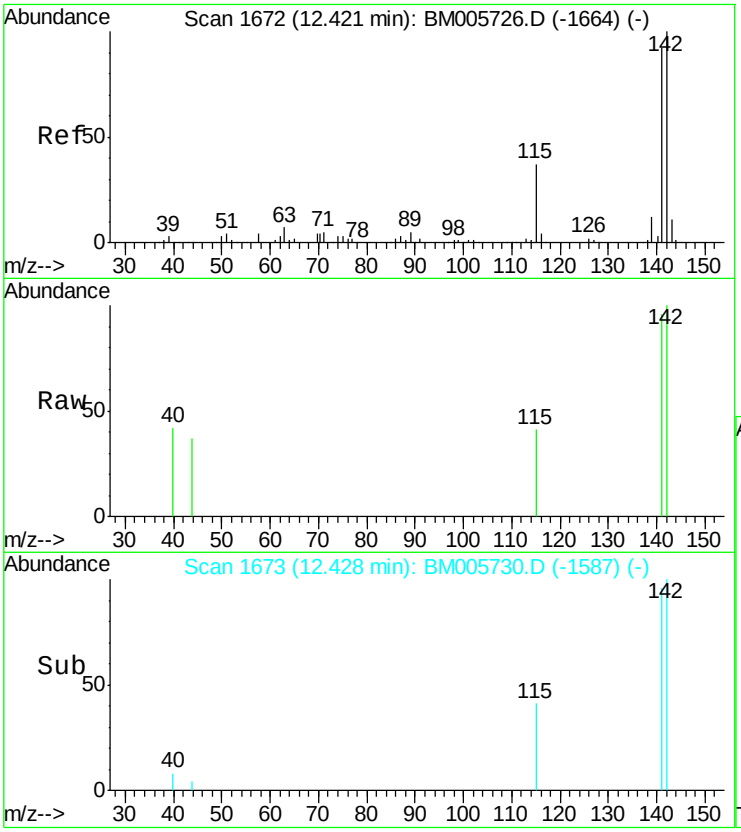


#13
2-Methylnaphthalene
Concen: 0.14 ng/ul
RT: 12.21 min Scan# 1636
Delta R.T. 0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:142 Resp: 2143

Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.2	105.4



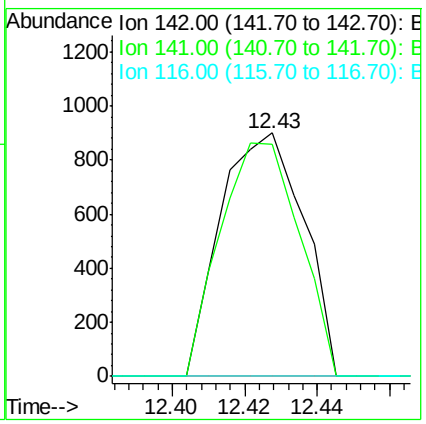


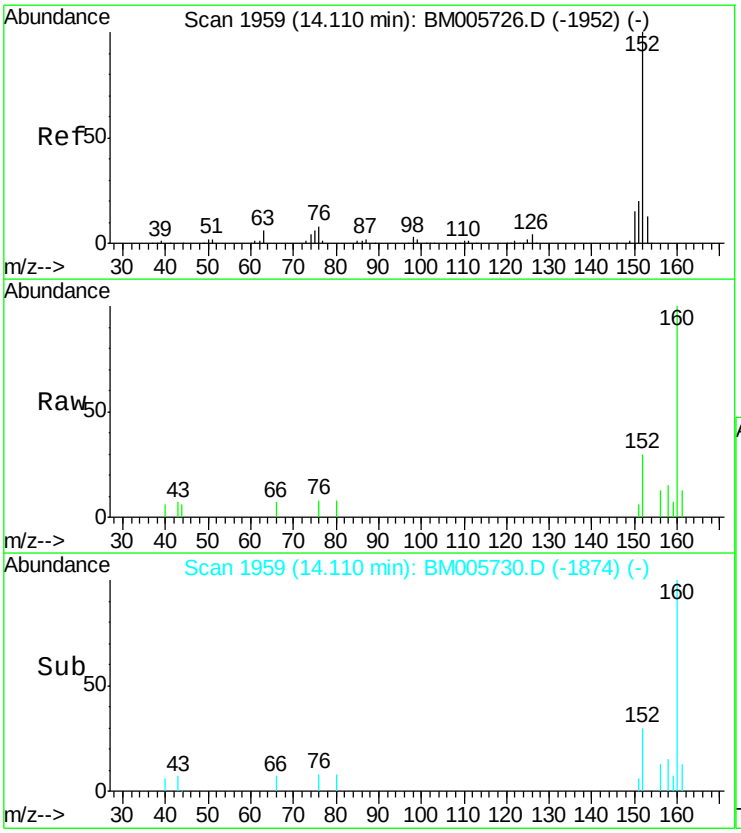
#14
1-Methylnaphthalene
Concen: 0.09 ng/ul
RT: 12.43 min Scan# 1673
Delta R.T. 0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:142 Resp: 1430

Ion	Ratio	Lower	Upper
142	100		
141	95.6	74.6	111.8
116	0.0	3.0	4.6#

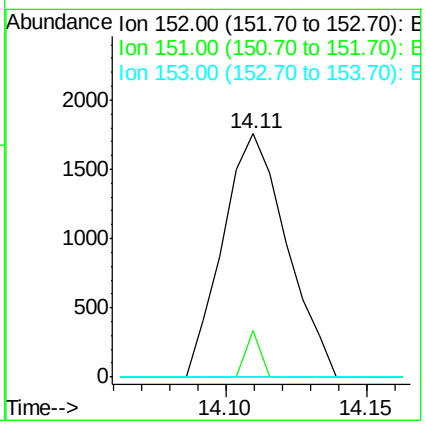


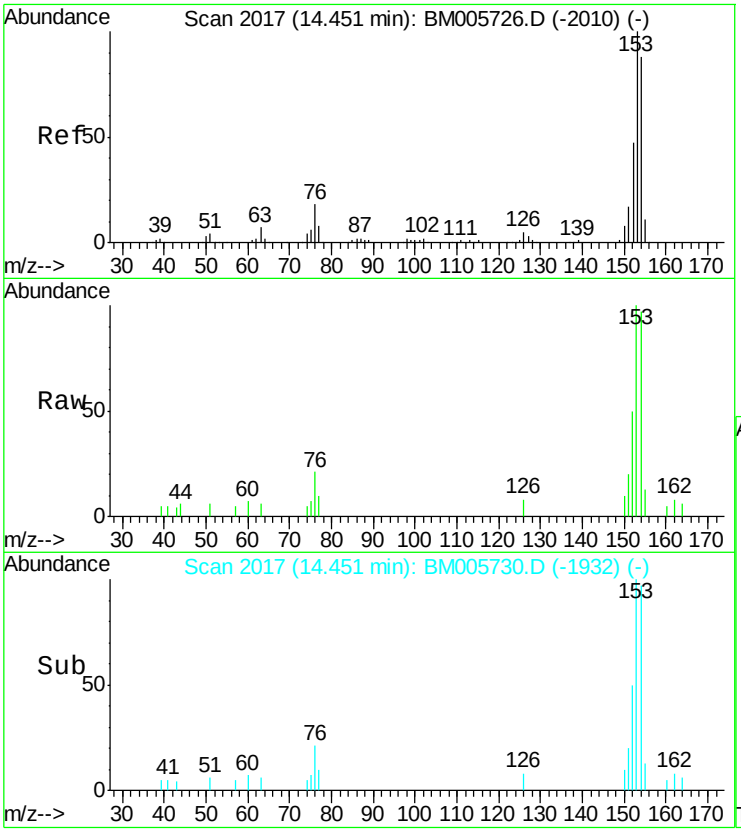


#18
Acenaphthylene
Concen: 0.10 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:152 Resp: 2766

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.3	24.5
153	0.0	10.4	15.6#



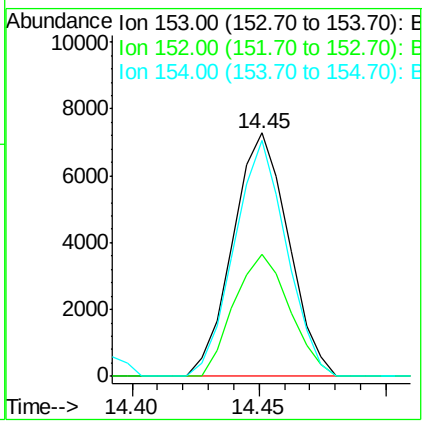


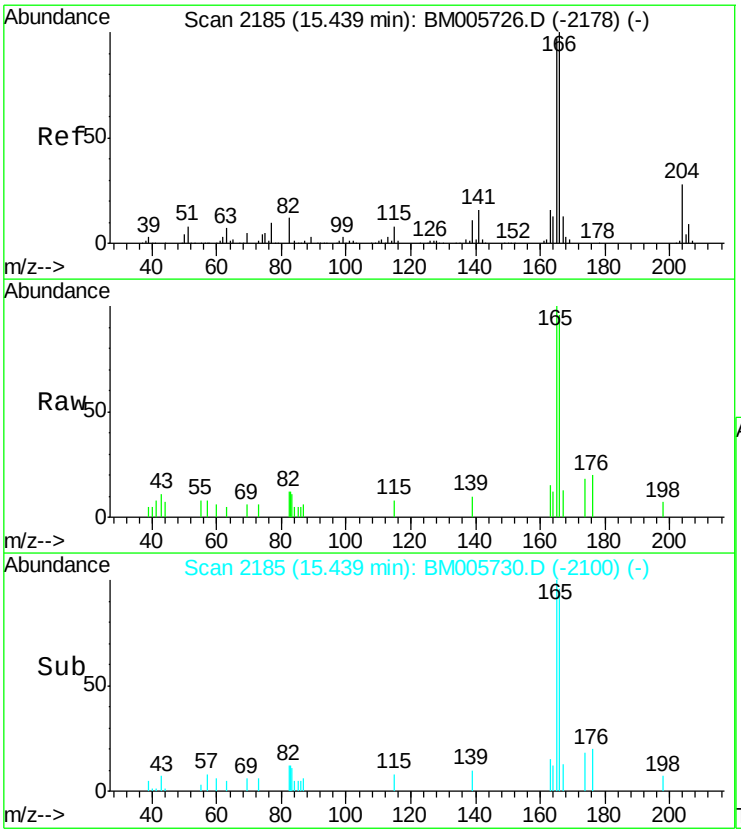
#19
Acenaphthene
Concen: 0.61 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:153 Resp: 11114

Ion	Ratio	Lower	Upper
153	100		
152	50.2	38.8	58.2
154	97.0	72.5	108.7

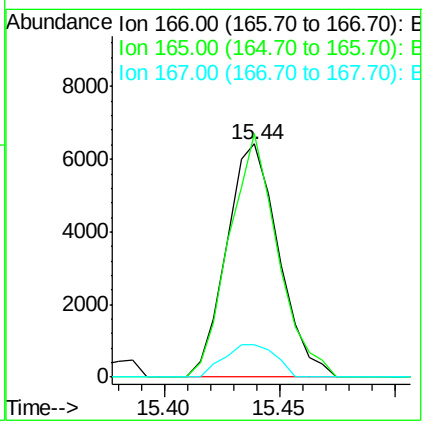


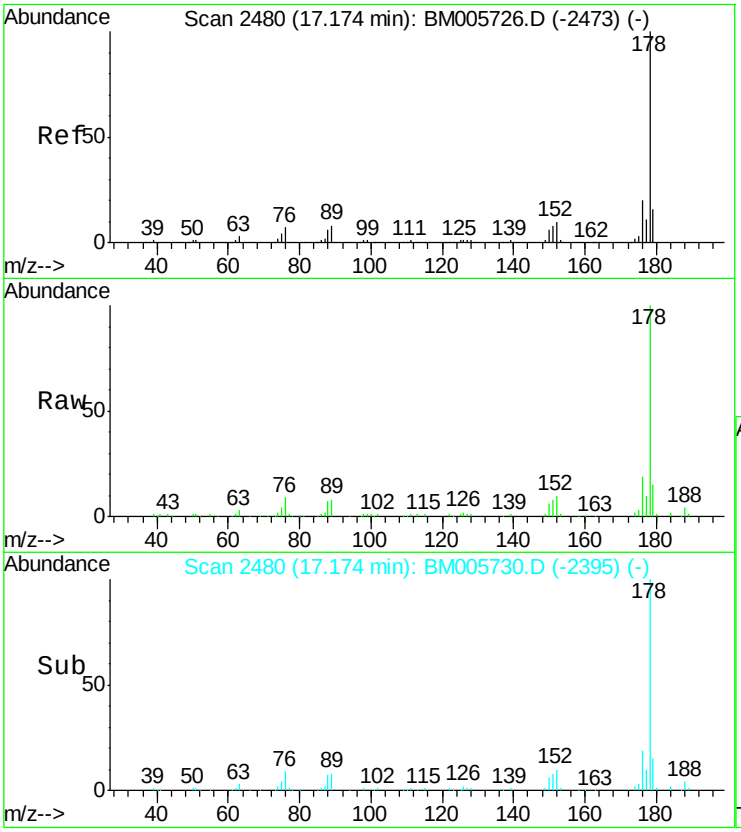


#22
Fluorene
Concen: 0.49 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:166 Resp: 10124

Ion	Ratio	Lower	Upper
166	100		
165	104.5	76.4	114.6
167	14.0	10.6	16.0



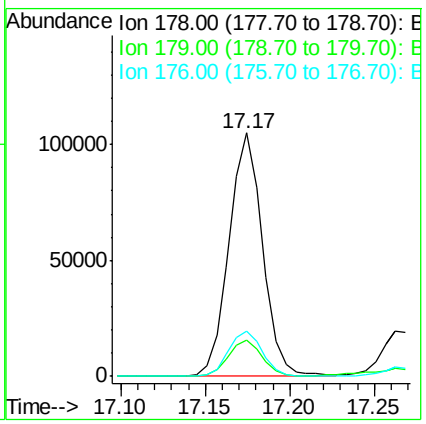


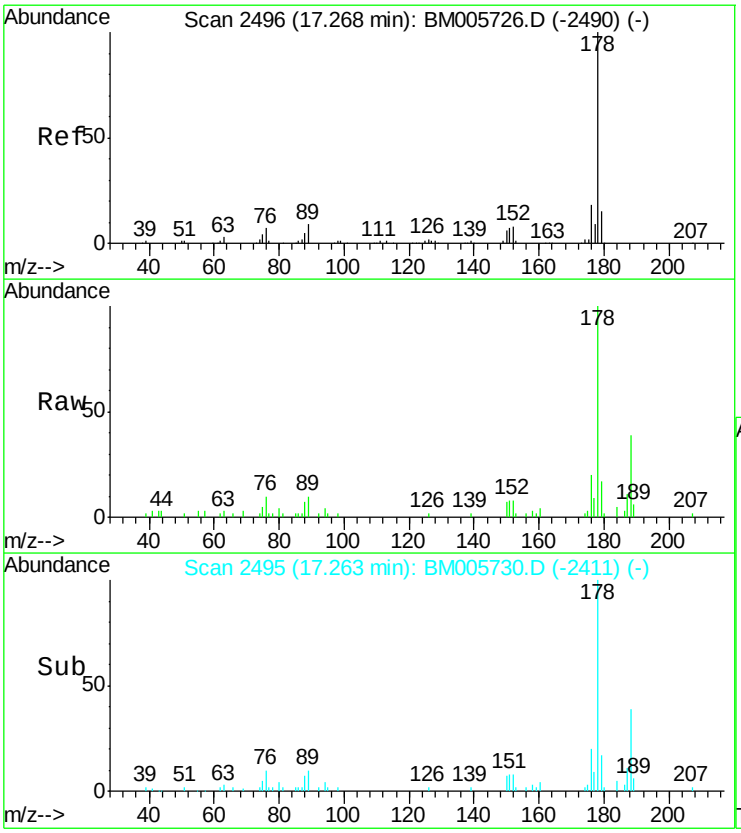
#25
Phenanthrene
Concen: 4.30 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:178 Resp: 145305

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.4	18.6
176	18.8	15.8	23.6

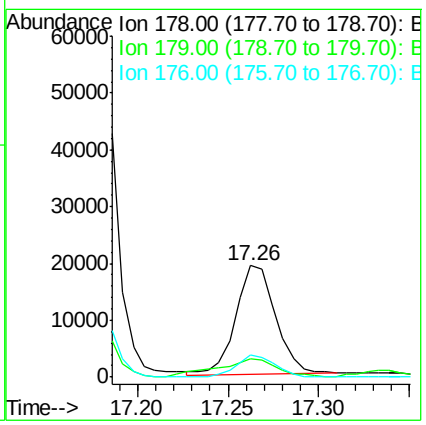


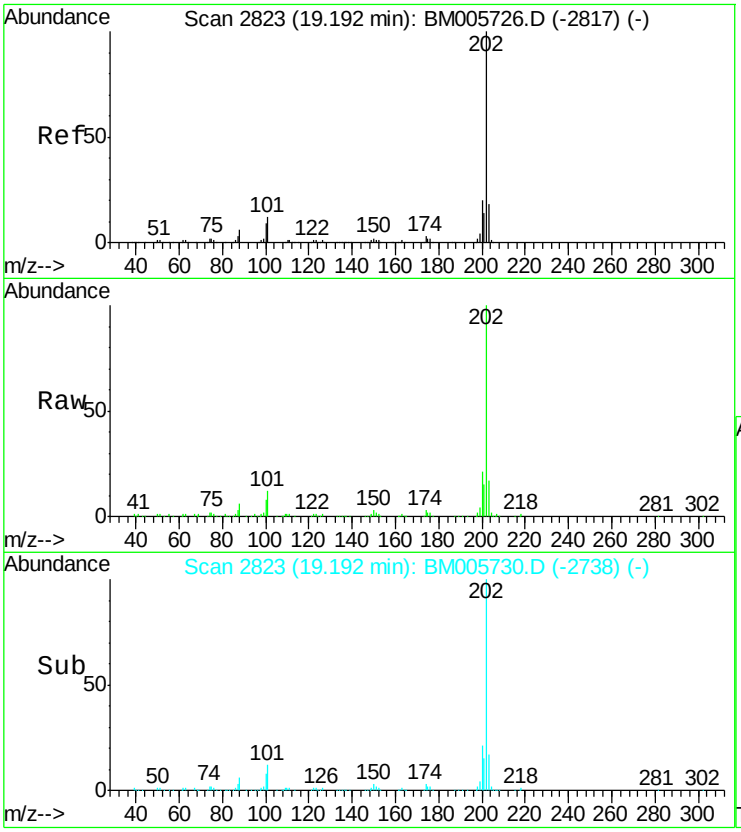


#27
Anthracene
Concen: 0.86 ng/ul
RT: 17.26 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:178 Resp: 29446

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.1	18.1
176	19.9	15.0	22.6



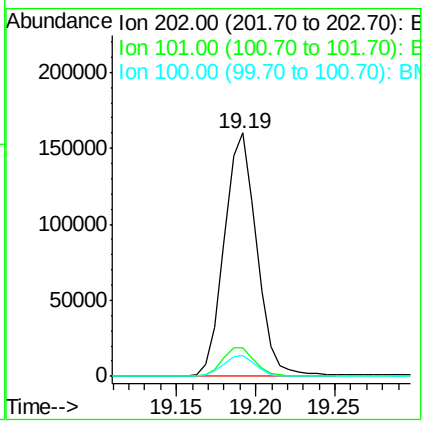


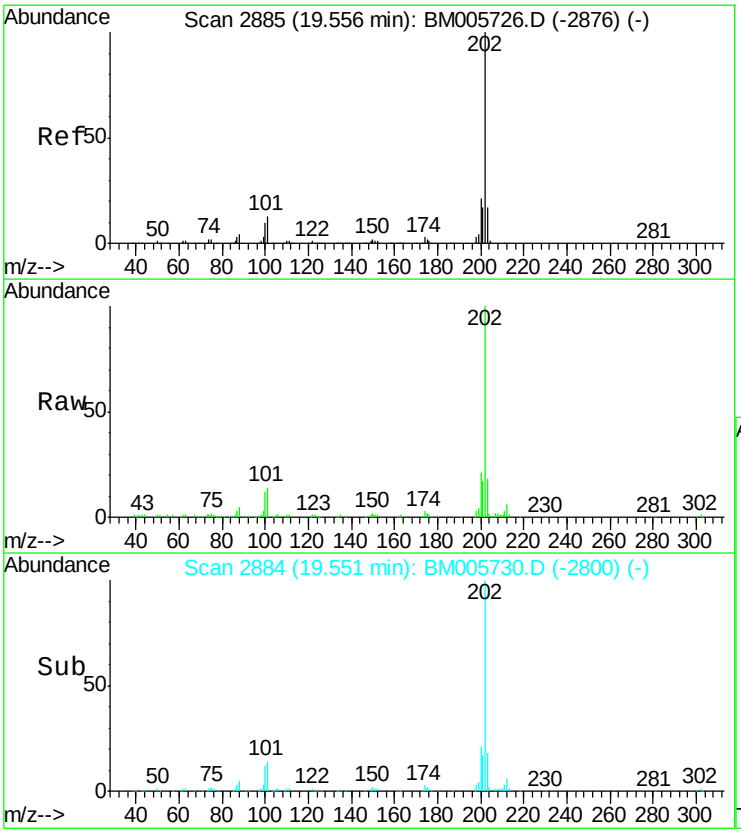
#28
Fluoranthene
Concen: 5.75 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:202 Resp: 228151

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.4	14.2
100	8.4	6.9	10.3

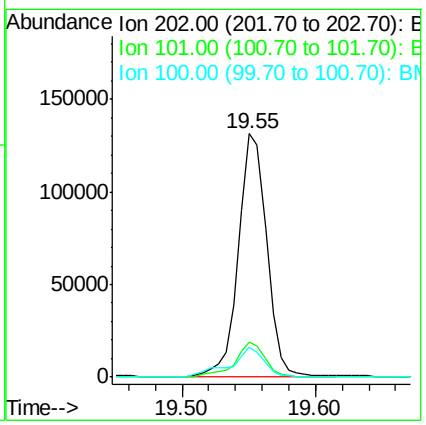


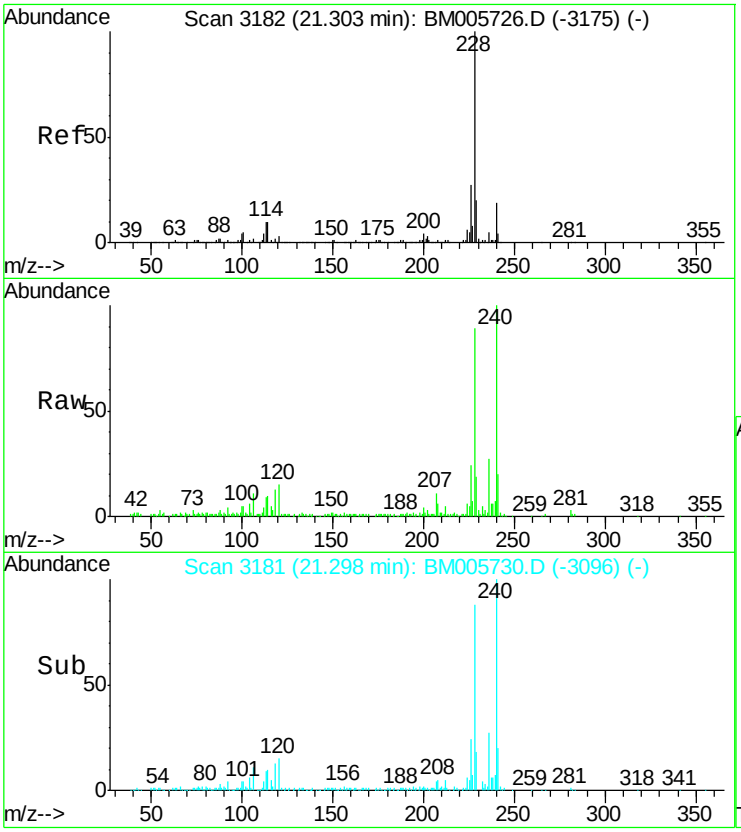


#31
Pyrene
Concen: 4.70 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. -0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:202 Resp: 194226

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.6	15.8
100	12.2	8.4	12.6



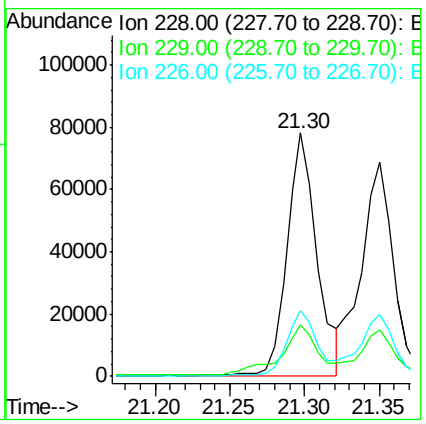


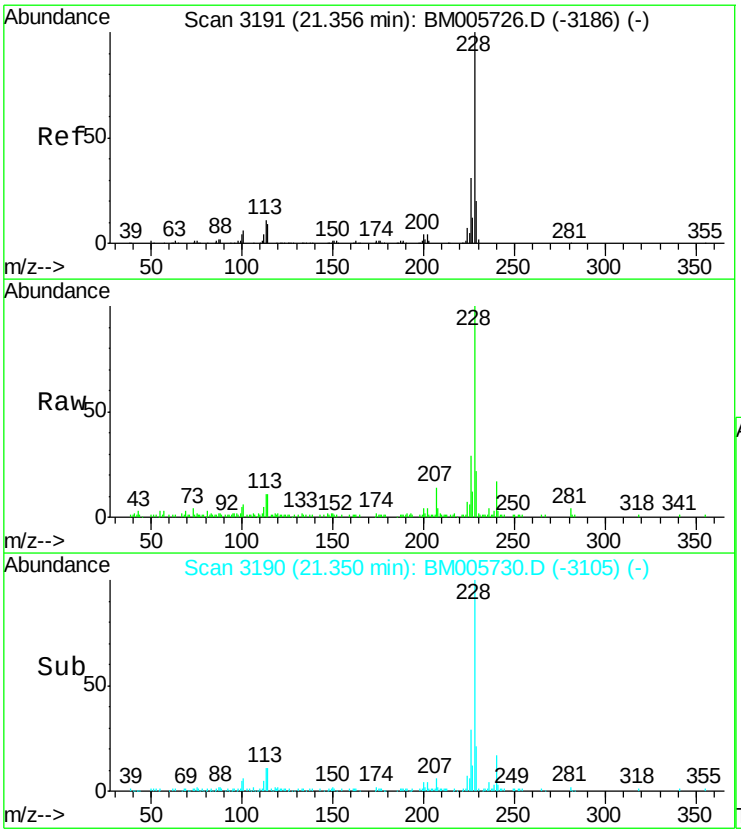
#32
Benzo(a)anthracene
Concen: 2.82 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:228 Resp: 110685

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.1	24.1
226	27.0	22.1	33.1

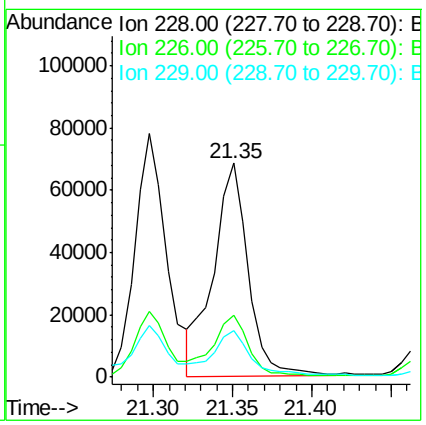


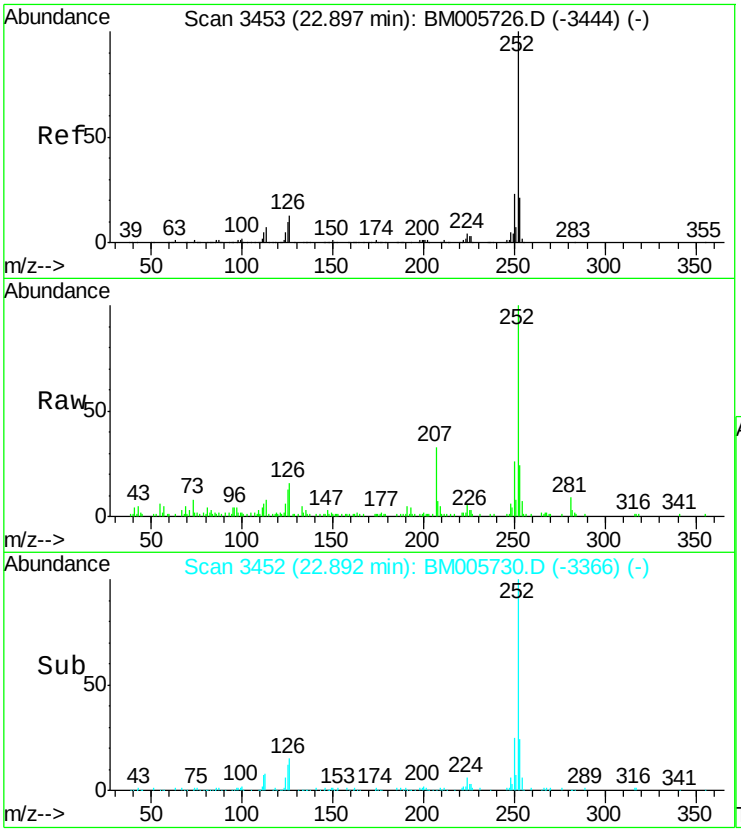


#33
Chrysene
Concen: 2.73 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:228 Resp: 105388

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.2
229	21.8	15.8	23.8



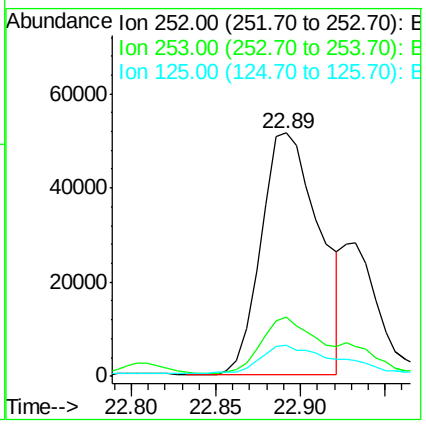


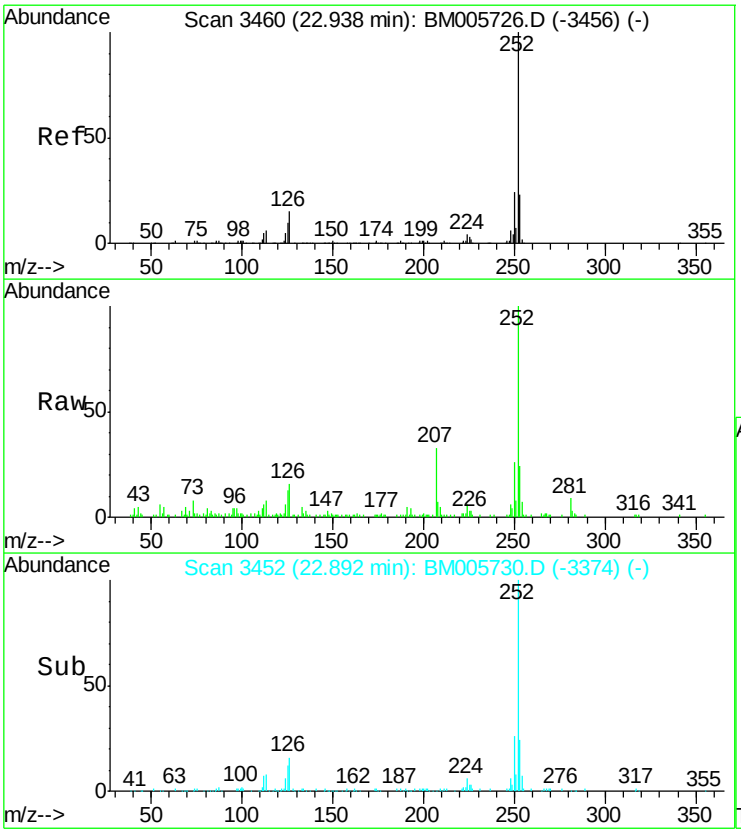
#35
Benzo(b)fluoranthene
Concen: 3.76 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:252 Resp: 123463

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.2
125	12.8	8.4	12.6#

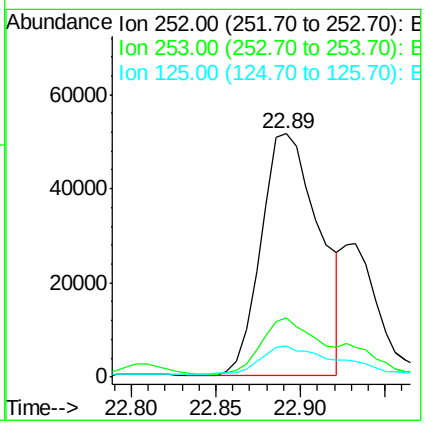


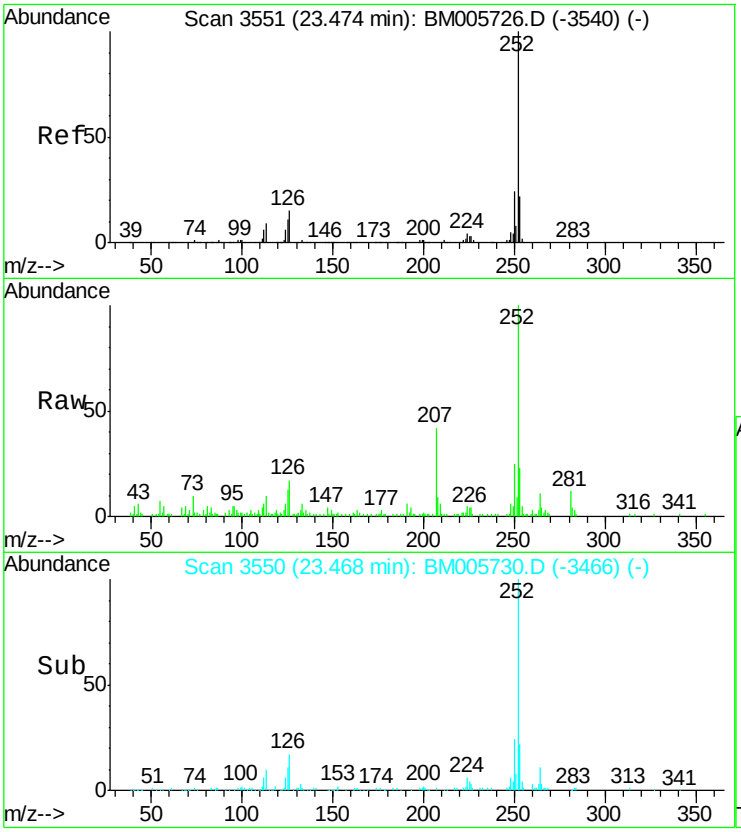


#36
Benzo(k)fluoranthene
Concen: 3.72 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:252 Resp: 123463

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	12.8	8.2	12.2#



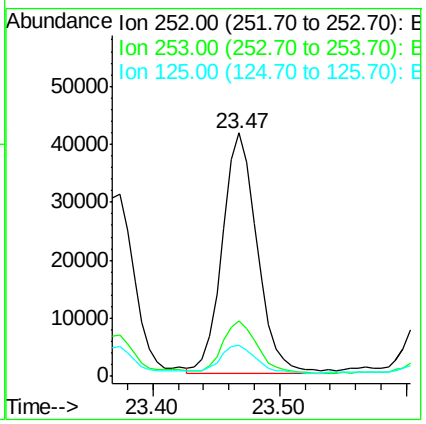


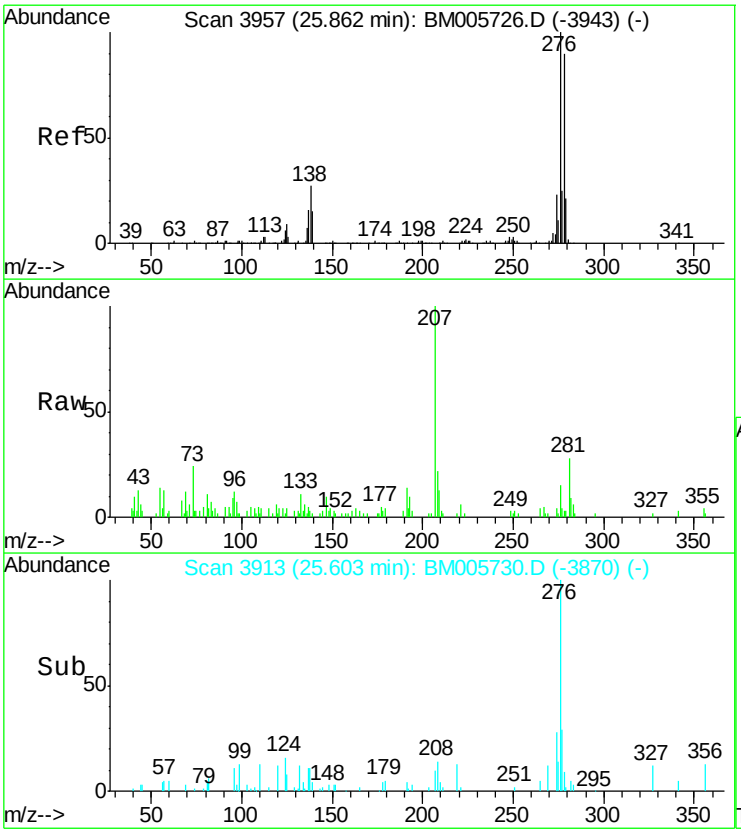
#38
Benzo(a)pyrene
Concen: 2.56 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. -0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:252 Resp: 79956

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	12.5	9.1	13.7

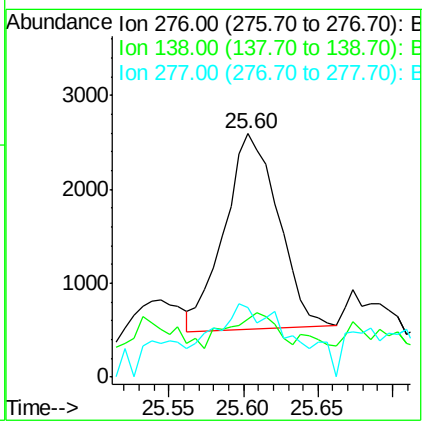


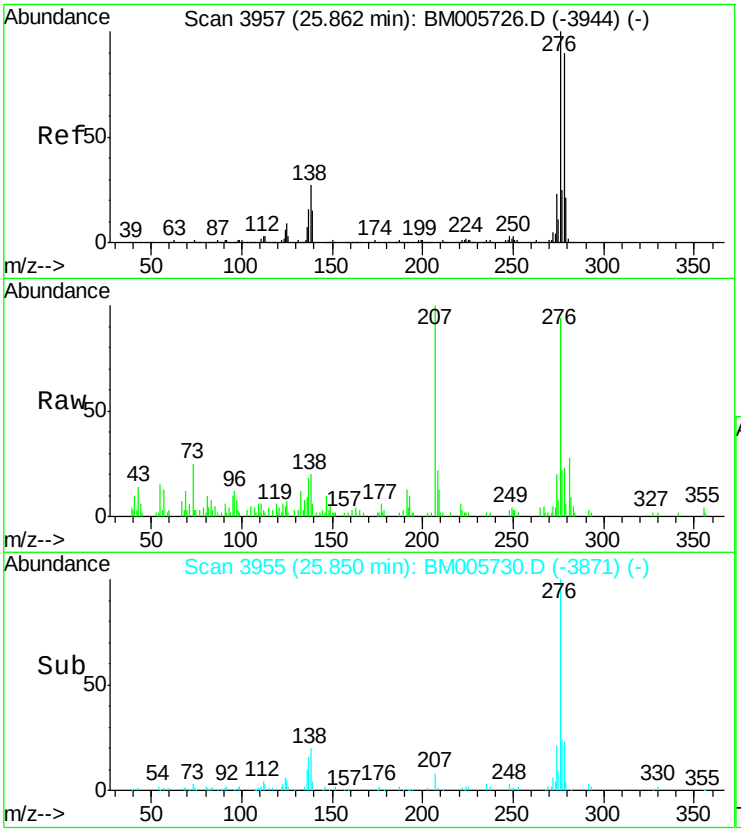


#39
Indeno(1,2,3-cd)pyrene
Concen: 0.17 ng/ul
RT: 25.60 min Scan# 3913
Delta R.T. -0.25 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:276 Resp: 5245

Ion	Ratio	Lower	Upper
276	100		
138	23.8	21.4	32.2
277	28.5	20.5	30.7



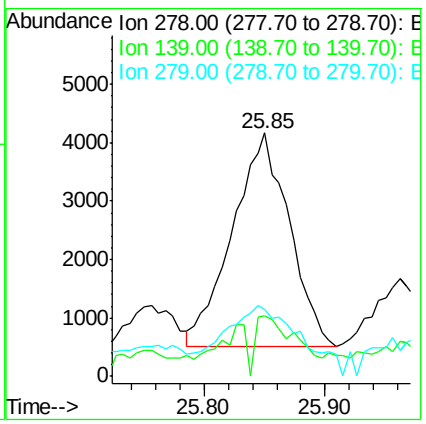


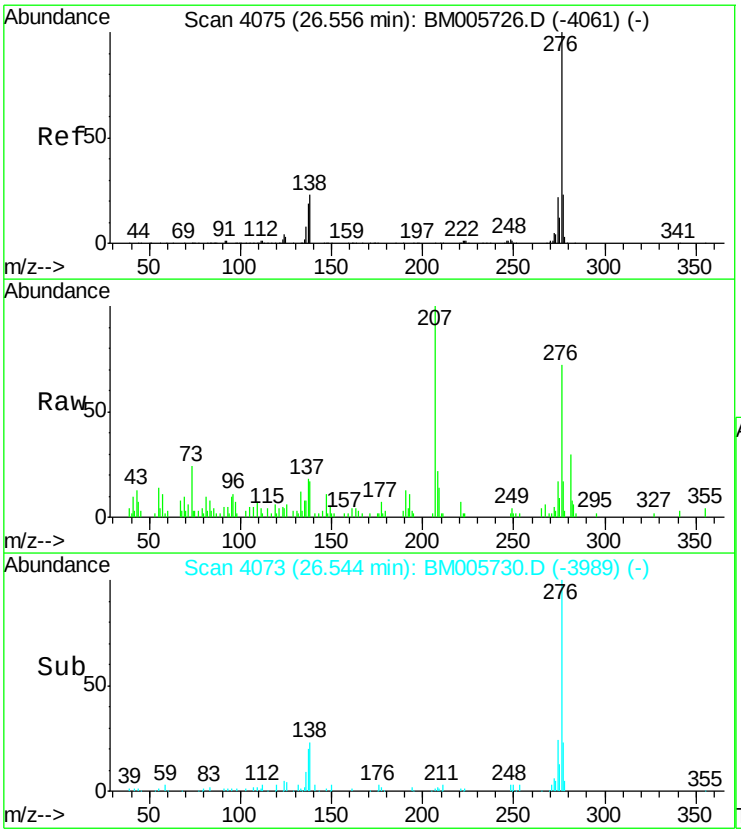
#40
Dibenzo(a,h)anthracene
Concen: 0.47 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Instrument :
BNA_M
ClientSampleId :
D9XQ3

Tgt Ion:278 Resp: 11939

Ion	Ratio	Lower	Upper
278	100		
139	24.7	14.2	21.4#
279	27.6	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 1.78 ng/ul
RT: 26.54 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BM005730.D
Acq: 11 Jun 2016 17:08

Tgt Ion:276 Resp: 45289

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.2	27.4
277	23.5	19.5	29.3