Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007011.D
Acq On : 10 Aug 2016 21:47
Operator : UM/SJ
Sample : H4303-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0H9

Quant Time: Aug 11 03:17:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	348084	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1553877	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	944278	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2215121	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2311901	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1978159	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	15343	2.01	ng/uL	0.00
3) Phenol-d5	6.98	99	618904	19.98	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	391456	22.61	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	521577	22.19	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	425362	16.22	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	269488	22.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	299057	22.00	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	593261	22.35	ng/ul	0.00
12) 4-Chloroaniline-d4	10.74	131	614828	19.81	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	1909301	23.66	ng/ul	-0.01
17) Acenaphthylene-d8	14.14	160	2336851	24.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	229910	15.87	ng/ul	0.00
21) Fluorene-d10	15.44	176	1648389	24.03	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.56	200	176827	14.73	ng/ul	0.00
26) Anthracene-d10	17.29	188	2528246	24.50	ng/ul	0.00
30) Pyrene-d10	19.59	212	2898870	27.58	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	2301076	25.30	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.66	128	756666	9.71	ng/ul	99
13) 2-Methylnaphthalene	12.26	142	126107	2.04	ng/ul	96
14) 1-Methylnaphthalene	12.49	142	76760	1.30	ng/ul	96
19) Acenaphthene	14.51	153	574020	9.09	ng/ul	98
22) Fluorene	15.50	166	391429	5.22	ng/ul	98
25) Phenanthrene	17.24	178	5984784	50.43	ng/ul	99
27) Anthracene	17.33	178	1235407	10.08	ng/ul	99
28) Fluoranthene	19.25	202	8933428	59.76	ng/ul	99
31) Pyrene	19.62	202	7544411	56.26	ng/ul	98
32) Benzo(a)anthracene	21.36	228	4341625	31.90	ng/ul	98
33) Chrysene	21.41	228	3951684	31.98	ng/ul	98
35) Benzo(b)fluoranthene	22.97	252	5471067	44.52	ng/ul	97
36) Benzo(k)fluoranthene	22.97	252	5471067	47.13	ng/ul	98
38) Benzo(a)pyrene	23.56	252	3673447	32.50	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.96	276	2812118	25.09	ng/ul	97
40) Dibenzo(a,h)anthracene	26.23	278	470300	5.07	ng/ul	96
41) Benzo(g,h,i)perylene	26.66	276	2763538	29.98	ng/ul	99

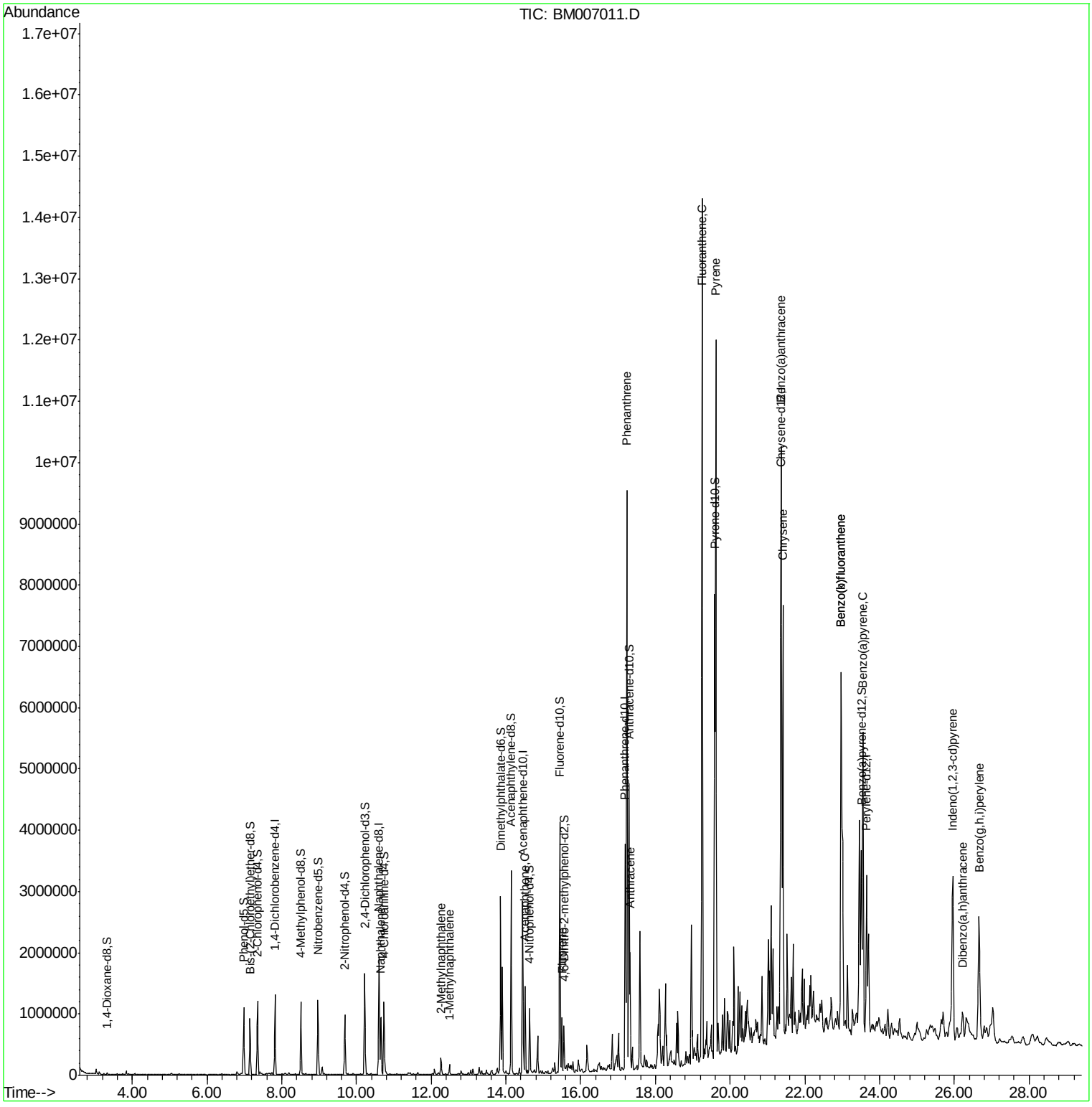
(#) = qualifier out of range (m) = manual integration (+) = signals summed

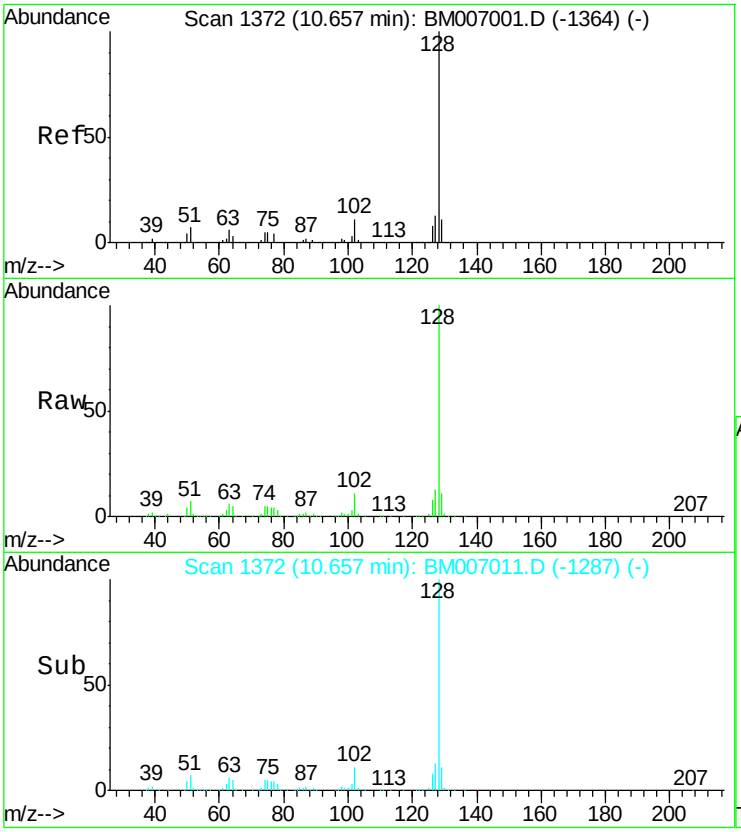
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007011.D
Acq On : 10 Aug 2016 21:47
Operator : UM/SJ
Sample : H4303-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA0H9

Quant Time: Aug 11 03:17:32 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration



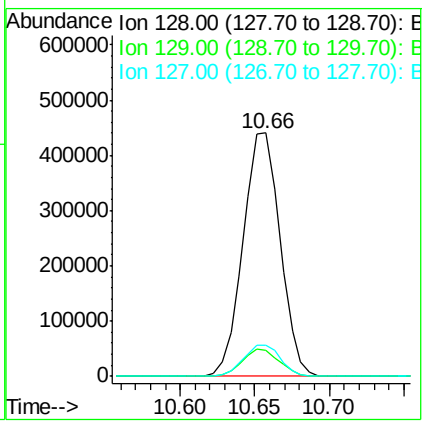


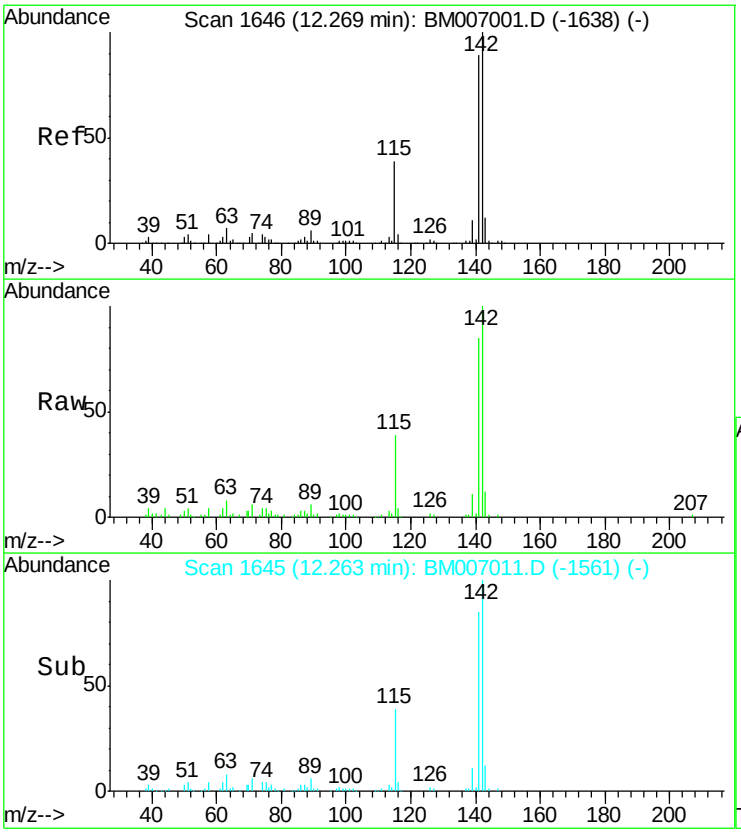
#11
Naphthalene
Concen: 9.71 ng/ul
RT: 10.66 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:128 Resp: 756666

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	12.9	10.4	15.6

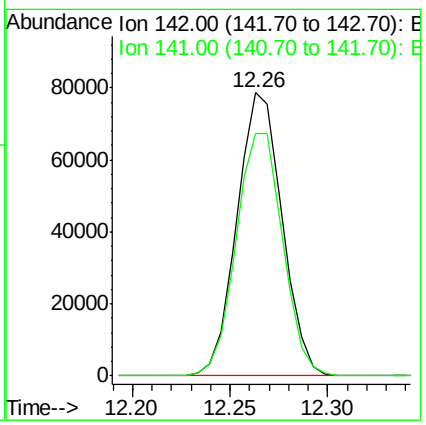


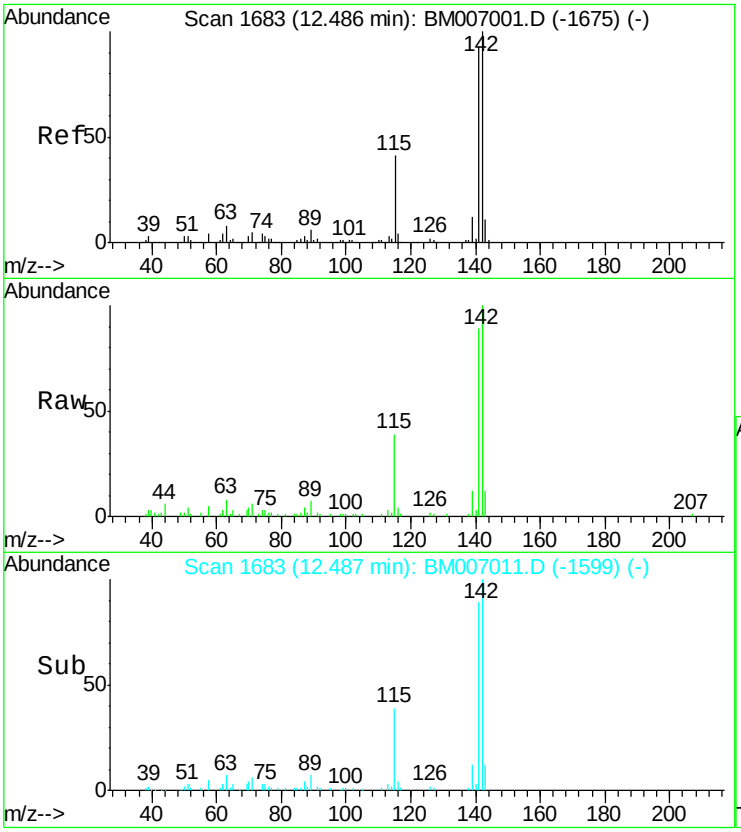


#13
2-Methylnaphthalene
Concen: 2.04 ng/ul
RT: 12.26 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:142 Resp: 126107

Ion	Ratio	Lower	Upper
142	100		
141	85.5	71.0	106.6



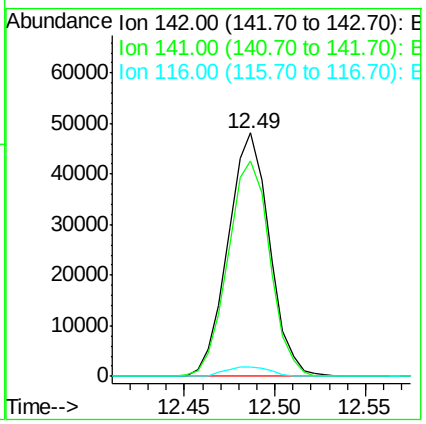


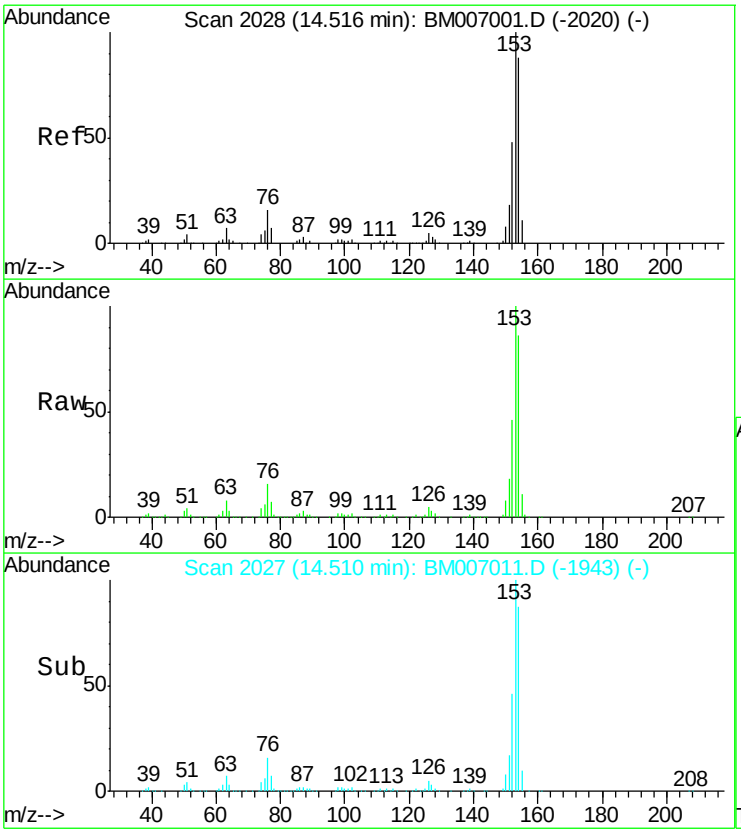
#14
1-Methylnaphthalene
Concen: 1.30 ng/ul
RT: 12.49 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:142 Resp: 76760

Ion	Ratio	Lower	Upper
142	100		
141	88.6	74.4	111.6
116	4.0	3.2	4.8

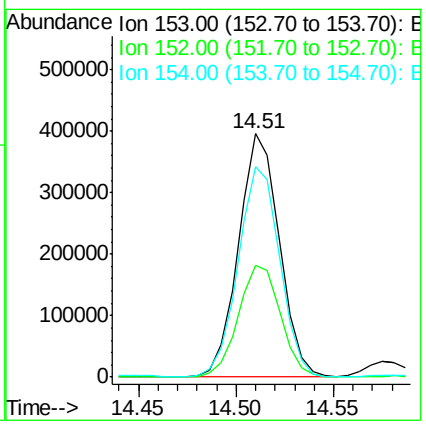


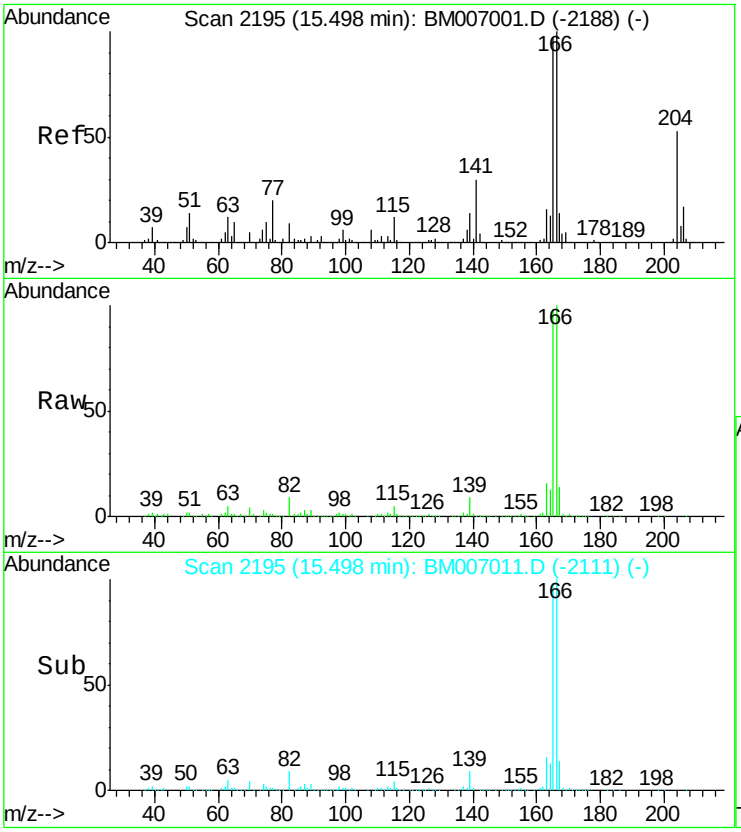


#19
Acenaphthene
Concen: 9.09 ng/ul
RT: 14.51 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:153 Resp: 574020

Ion	Ratio	Lower	Upper
153	100		
152	45.7	37.0	55.6
154	86.4	70.9	106.3



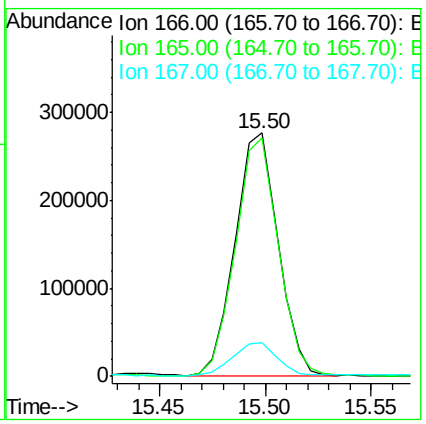


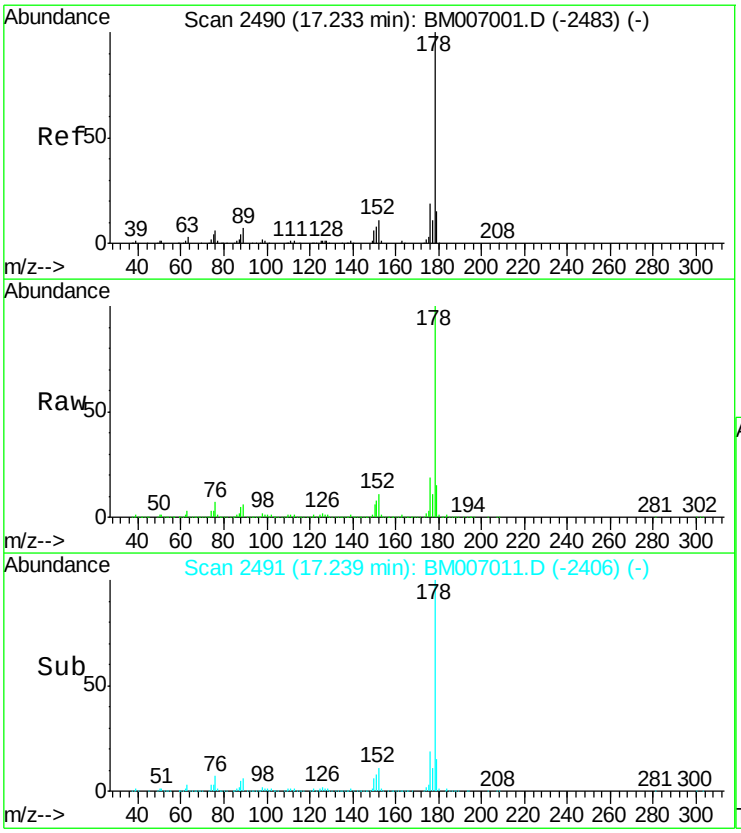
#22
Fluorene
Concen: 5.22 ng/ul
RT: 15.50 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:166 Resp: 391429

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.6	115.0
167	13.7	10.7	16.1

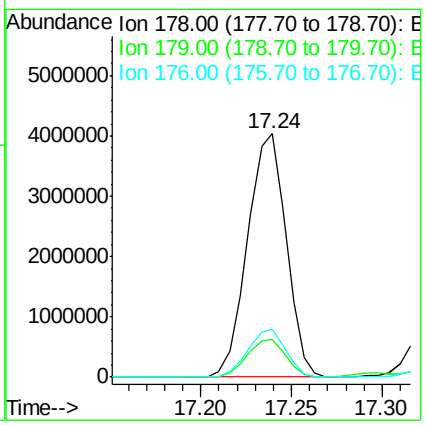


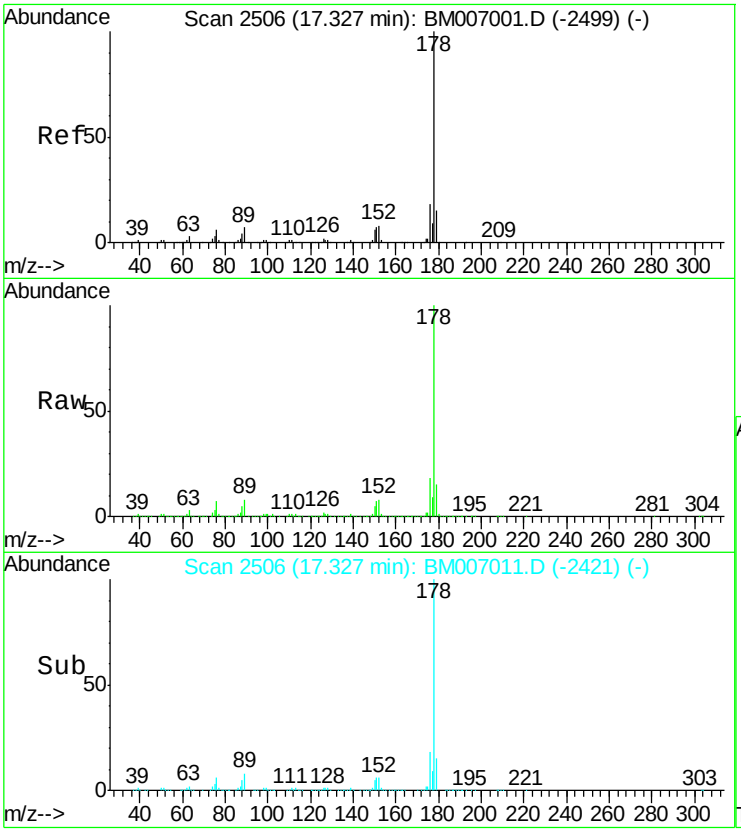


#25
Phenanthrene
Concen: 50.43 ng/ul
RT: 17.24 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:178 Resp: 5984784

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.4	15.2	22.8



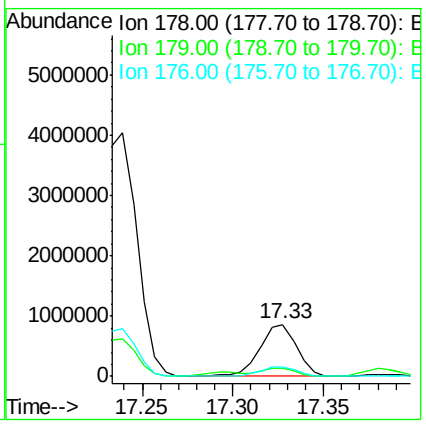


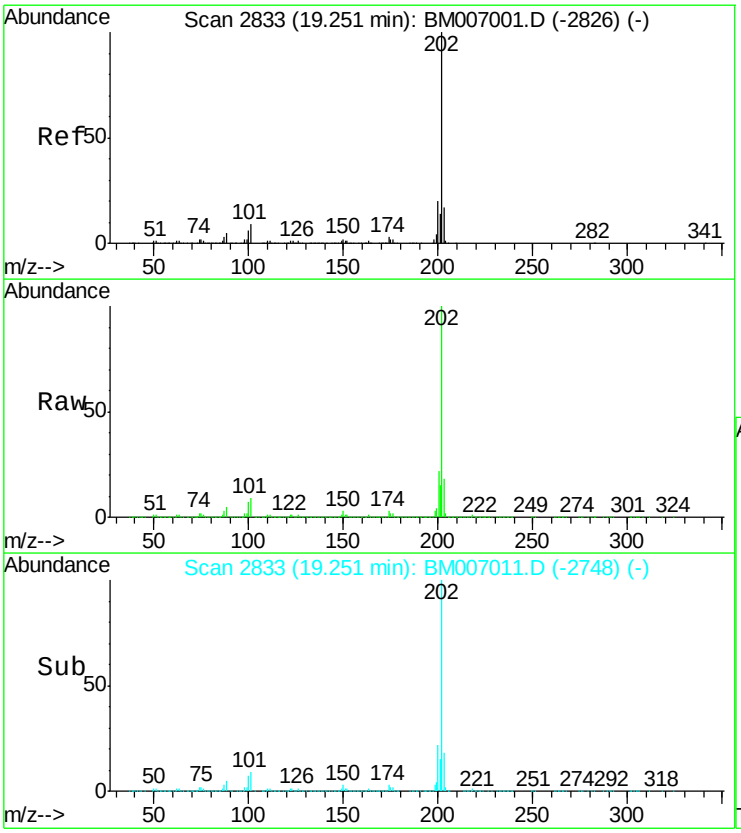
#27
Anthracene
Concen: 10.08 ng/ul
RT: 17.33 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:178 Resp: 1235407

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.5	18.7
176	18.3	15.0	22.4

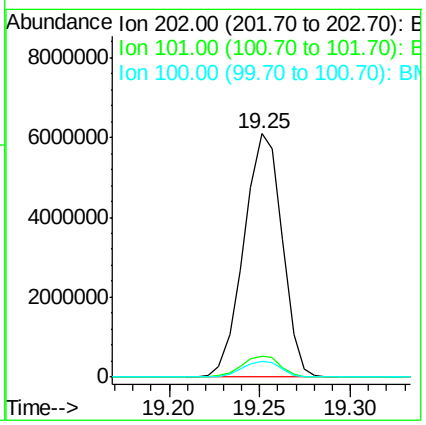


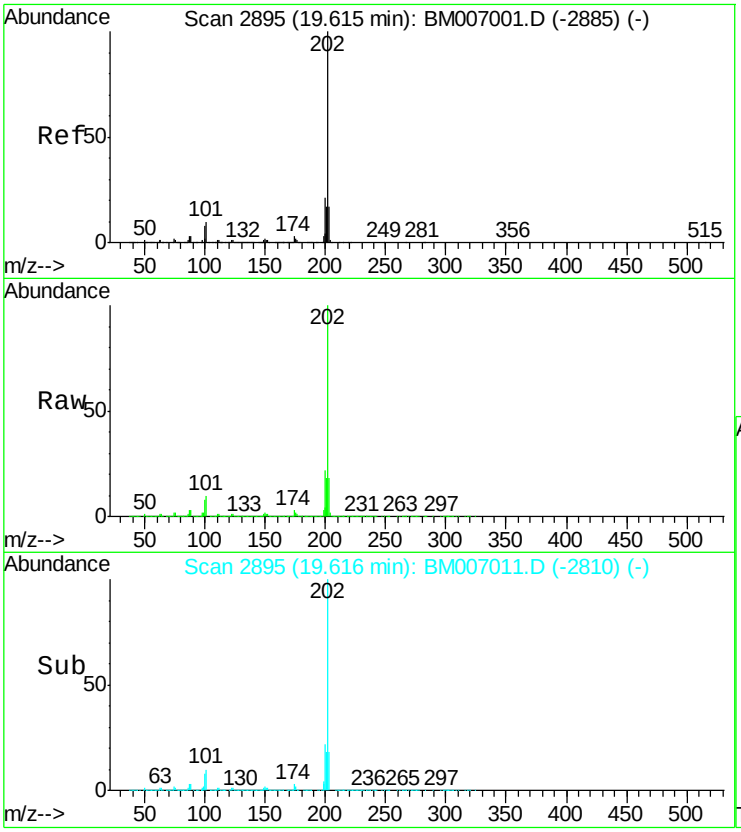


#28
Fluoranthene
Concen: 59.76 ng/ul
RT: 19.25 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:202 Resp: 8933428

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.4	11.2
100	6.7	5.8	8.6



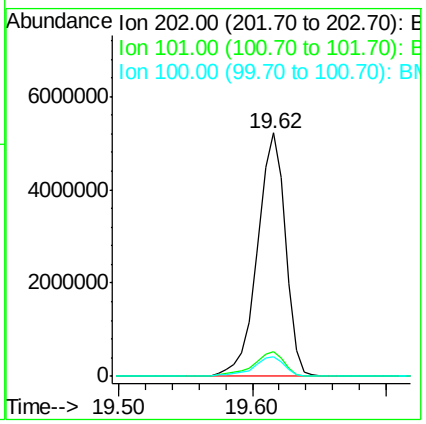


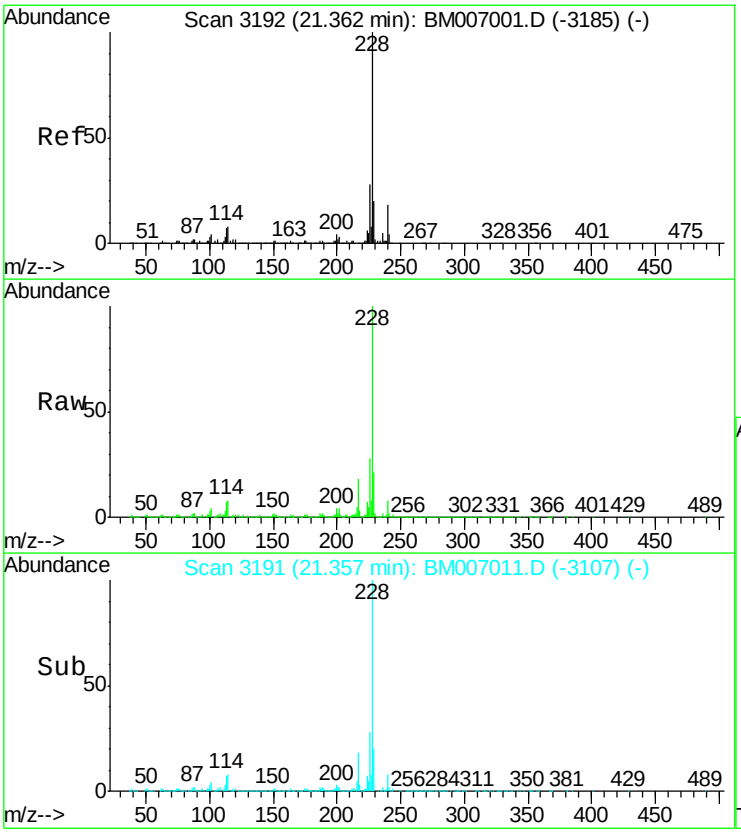
#31
Pyrene
Concen: 56.26 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:202 Resp: 7544411

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.5	12.7
100	8.2	7.1	10.7

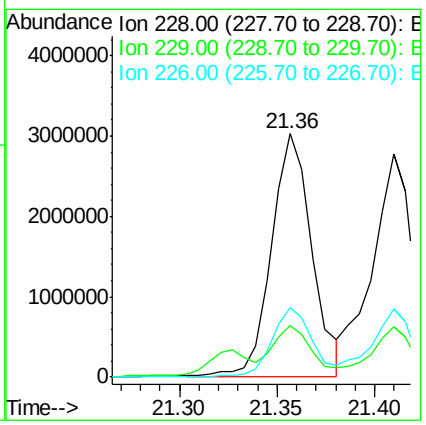


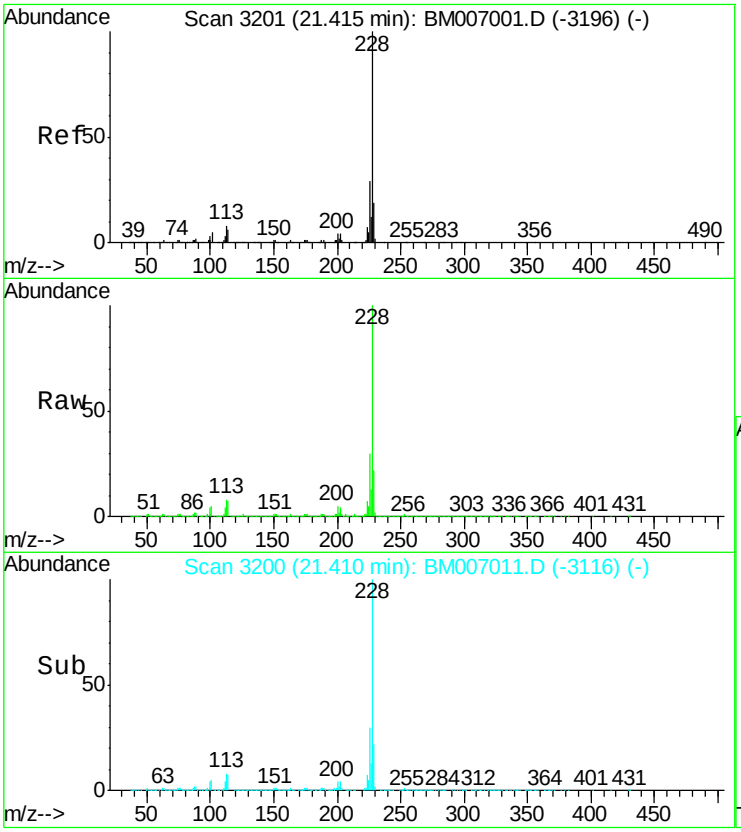


#32
Benzo(a)anthracene
Concen: 31.90 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:228 Resp: 4341625

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	28.5	21.9	32.9



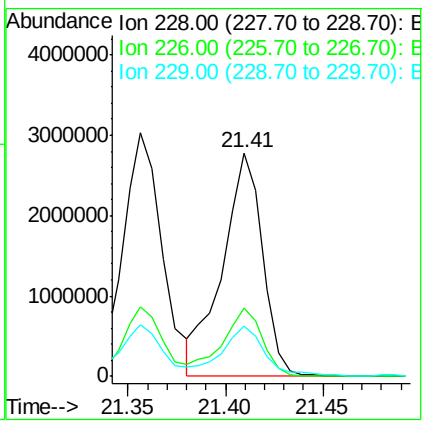


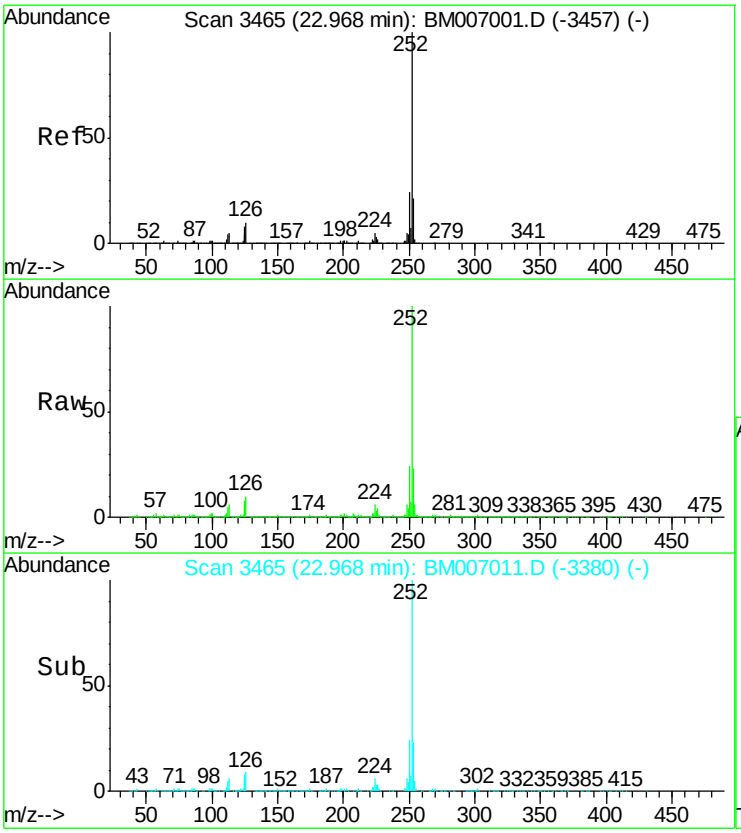
#33
Chrysene
Concen: 31.98 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:228 Resp: 3951684

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	22.5	15.9	23.9

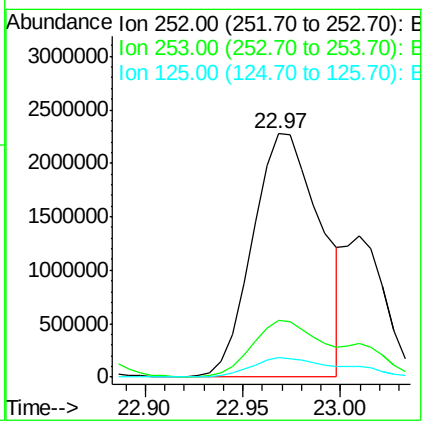


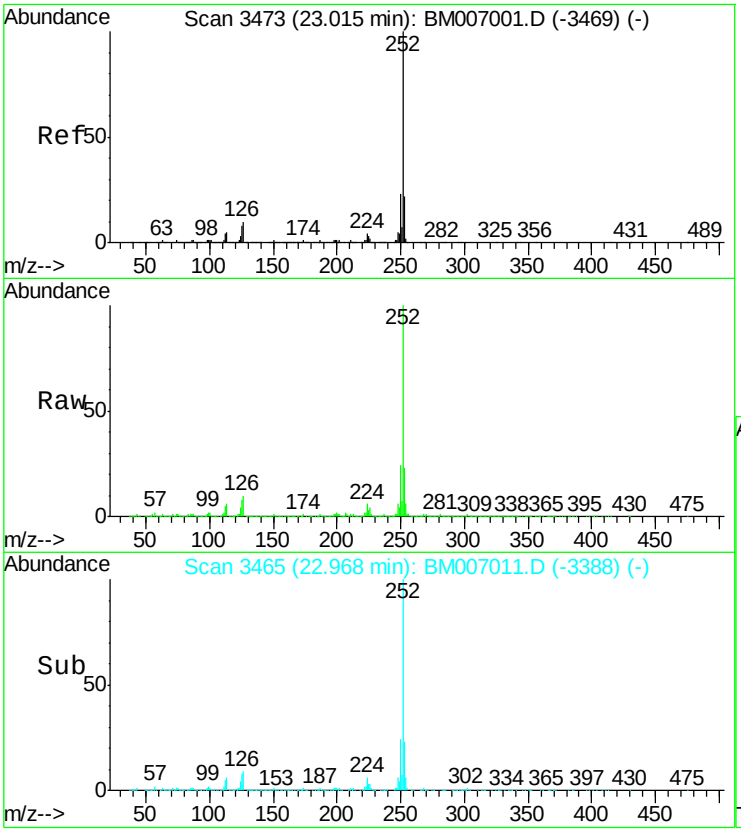


#35
Benzo(b)fluoranthene
Concen: 44.52 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:252 Resp: 5471067

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	8.0	6.0	9.0



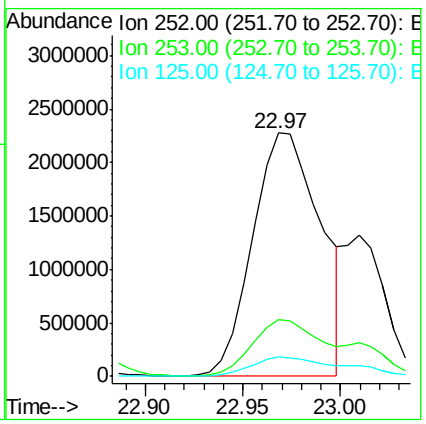


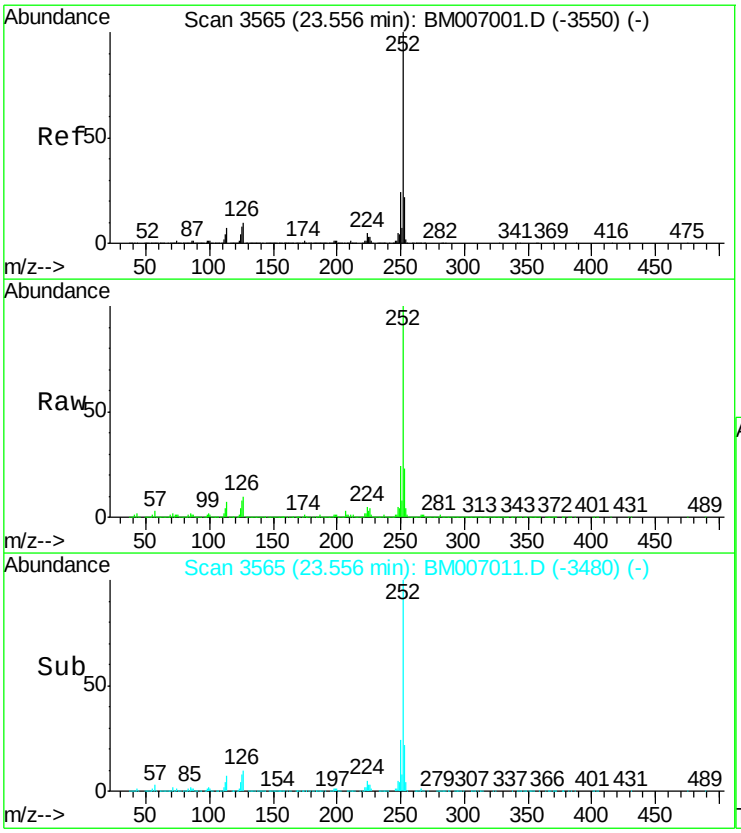
#36
Benzo(k)fluoranthene
Concen: 47.13 ng/ul
RT: 22.97 min Scan# 3465
Delta R.T. -0.05 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:252 Resp: 5471067

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	8.0	6.2	9.4

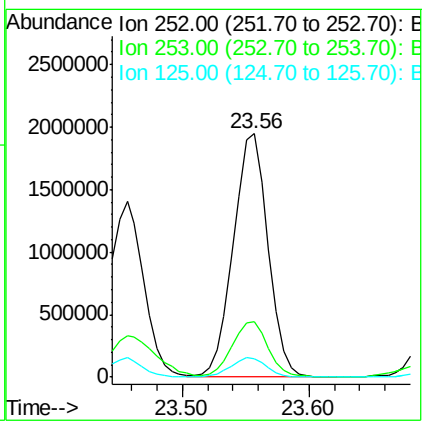


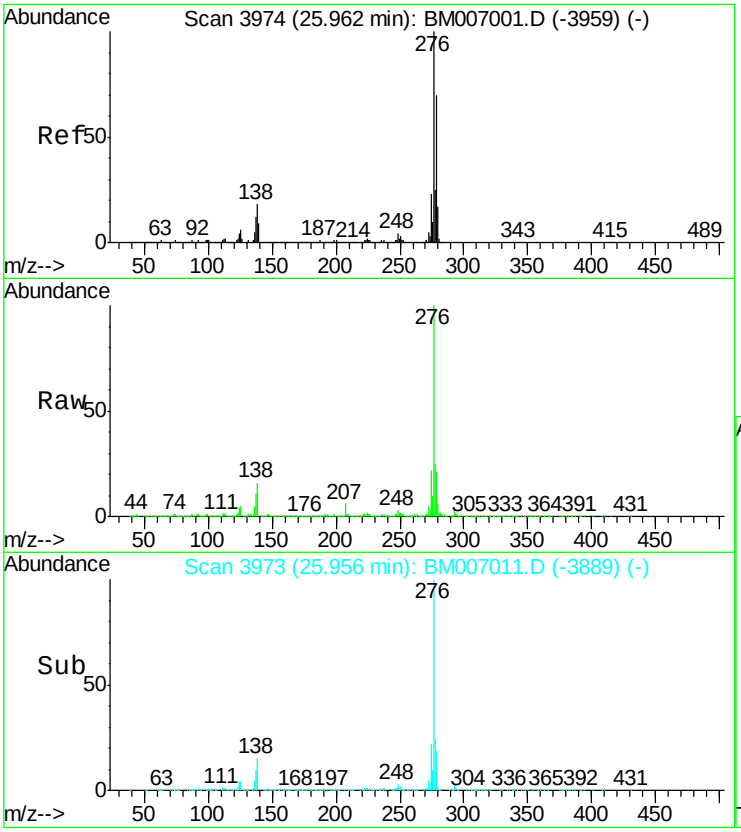


#38
Benzo(a)pyrene
Concen: 32.50 ng/ul
RT: 23.56 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:252 Resp: 3673447

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	7.8	6.8	10.2



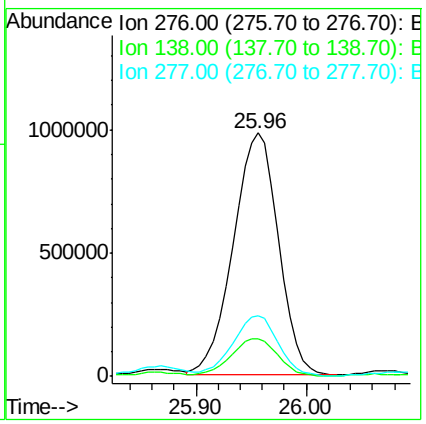


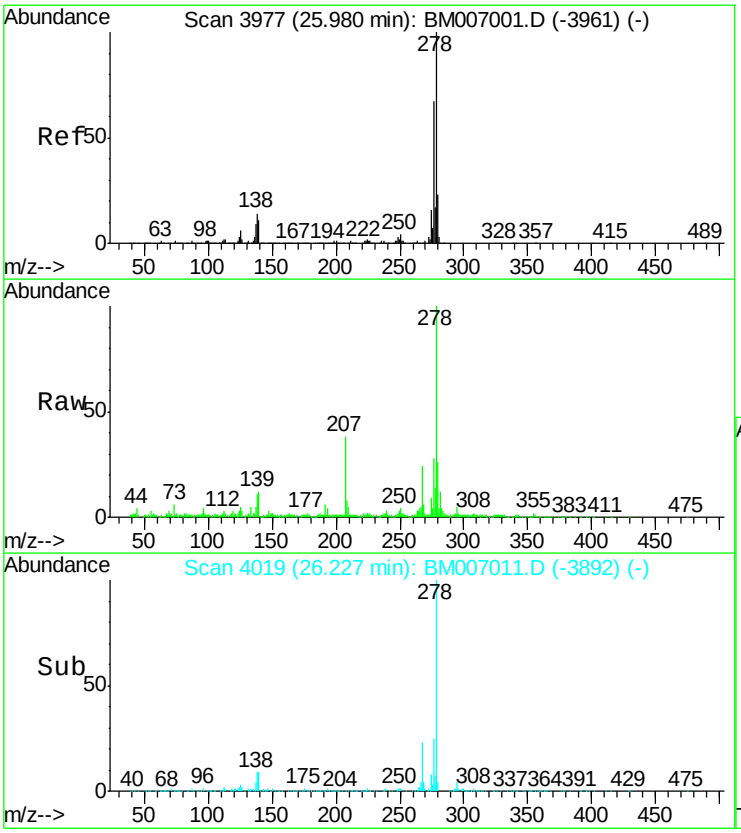
#39
Indeno(1,2,3-cd)pyrene
Concen: 25.09 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:276 Resp: 2812118

Ion	Ratio	Lower	Upper
276	100		
138	15.6	14.9	22.3
277	24.8	19.8	29.6

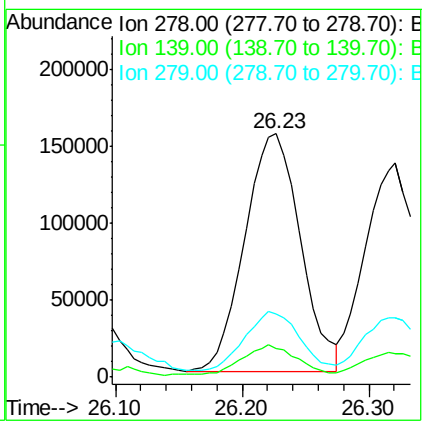


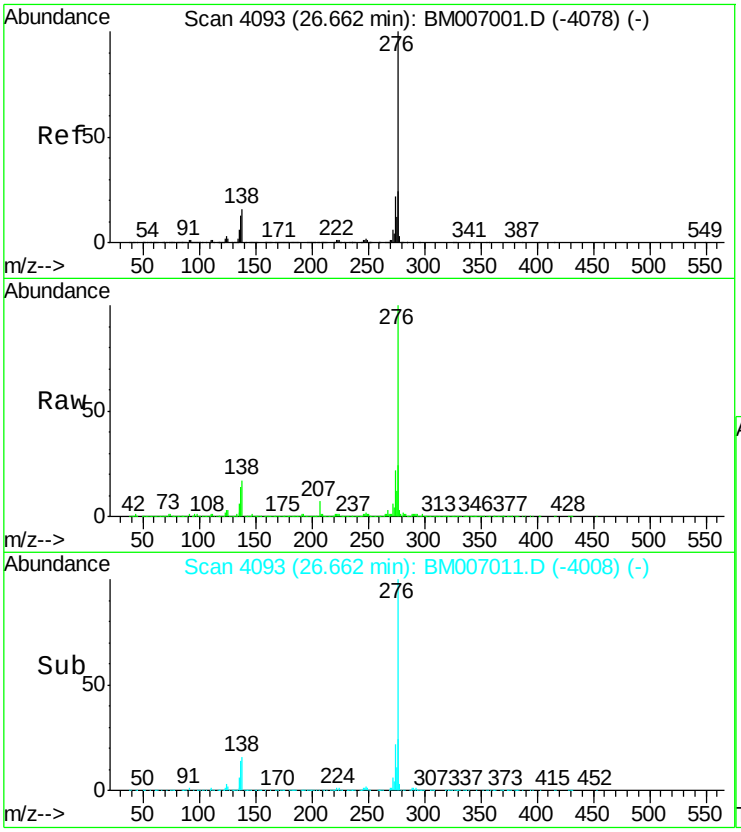


#40
Dibenzo(a,h)anthracene
Concen: 5.07 ng/ul
RT: 26.23 min Scan# 4019
Delta R.T. 0.25 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Tgt Ion:278 Resp: 470300

Ion	Ratio	Lower	Upper
278	100		
139	11.8	10.3	15.5
279	26.2	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 29.98 ng/ul
RT: 26.66 min Scan# 4093
Delta R.T. 0.00 min
Lab File: BM007011.D
Acq: 10 Aug 2016 21:47

Instrument :
BNA_M
ClientSampleId :
DA0H9

Tgt Ion:276 Resp: 2763538

Ion	Ratio	Lower	Upper
276	100		
138	16.5	14.0	21.0
277	24.0	19.6	29.4