Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007400.D
Acq On : 03 Sep 2016 10:46
Operator : UM/SJ
Sample : H4639-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD393

Quant Time: Sep 05 01:45:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	217512	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1023024	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	692875	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1779827	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2284841	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2170950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	12591	2.96	ng/uL	0.00
5) Phenol-d5	6.96	99	368074	17.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	210631	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	292274	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	296775	16.56	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	160452	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	189338	21.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	349810	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	241789	11.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1283089	21.46	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1561705	22.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	135114	11.97	ng/ul	0.00
57) Fluorene-d10	15.42	176	1180352	22.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	203309	18.17	ng/ul	0.00
70) Anthracene-d10	17.27	188	1918040	23.07	ng/ul	0.00
76) Pyrene-d10	19.56	212	2454390	25.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.48	264	2328545	23.29	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.63	128	198332	3.90	ng/ul	99
30) 4-Chloroaniline	10.63	127	26985	1.20	ng/ul#	9
34) 2-Methylnaphthalene	12.24	142	119212	2.86	ng/ul	99
44) Dimethylphthalate	13.88	163	697647	11.72	ng/ul	100
53) Dibenzofuran	14.82	168	169891	2.45	ng/ul	93
69) Phenanthrene	17.21	178	712715	7.46	ng/ul	99
71) Anthracene	17.30	178	156224	1.58	ng/ul	96
74) Fluoranthene	19.23	202	1343293	11.20	ng/ul	98
77) Pyrene	19.59	202	935429	7.63	ng/ul	98
80) Benzo(a)anthracene	21.37	228	541676	4.02	ng/ul	91
81) Bis(2-ethylhexyl)phthalate	21.26	149	74101	1.00	ng/ul#	95
82) Chrysene	21.39	228	758941	6.22	ng/ul	97
85) Benzo(b)fluoranthene	22.94	252	1520415	11.84	ng/ul	98
86) Benzo(k)fluoranthene	22.94	252	1520415	12.82	ng/ul	99
88) Benzo(a)pyrene	23.53	252	352632	2.87	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	25.91	276	340459	2.26	ng/ul	96
91) Benzo(g,h,i)perylene	26.61	276	266290	2.08	ng/ul	99

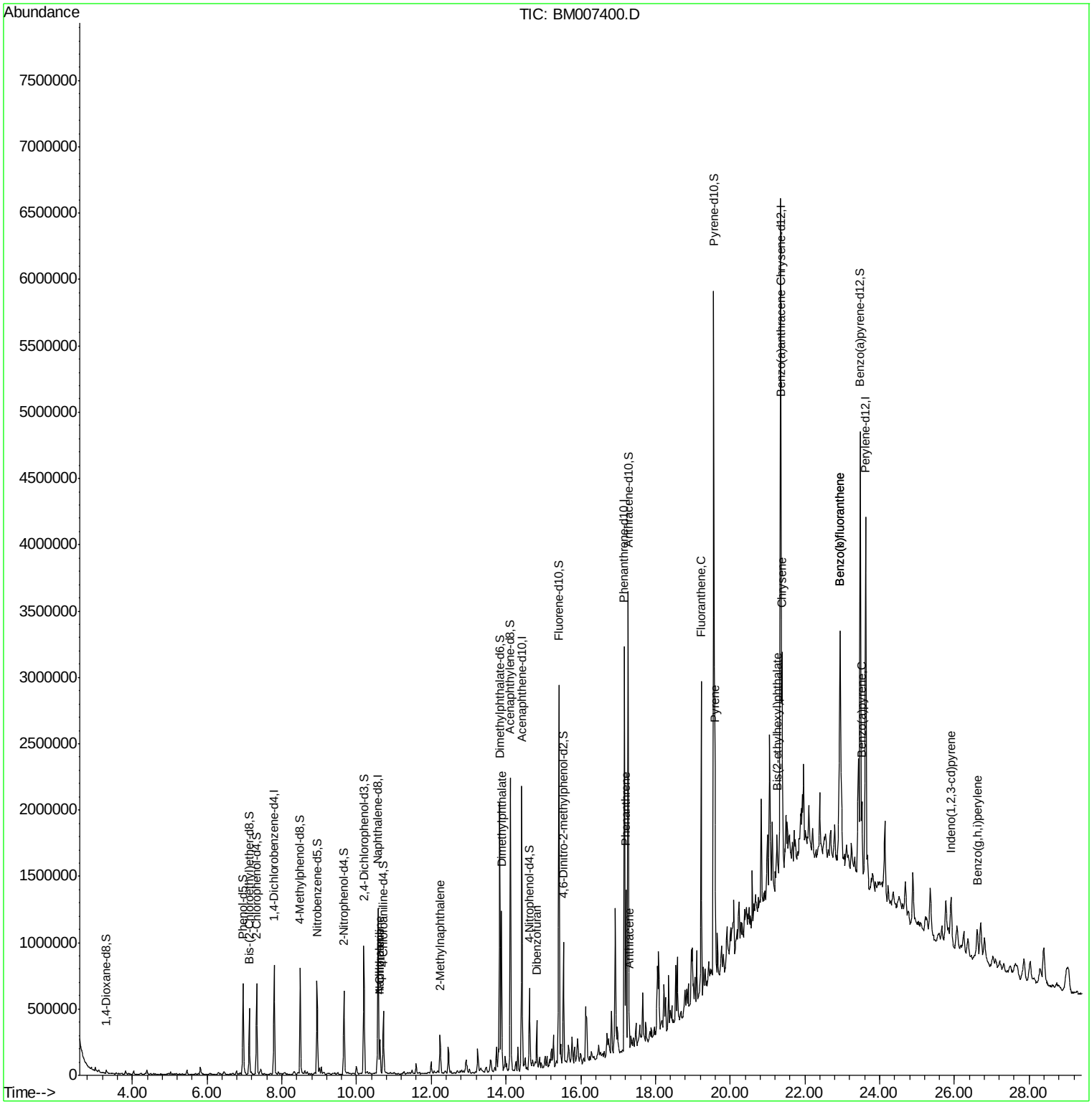
(#) = qualifier out of range (m) = manual integration (+) = signals summed

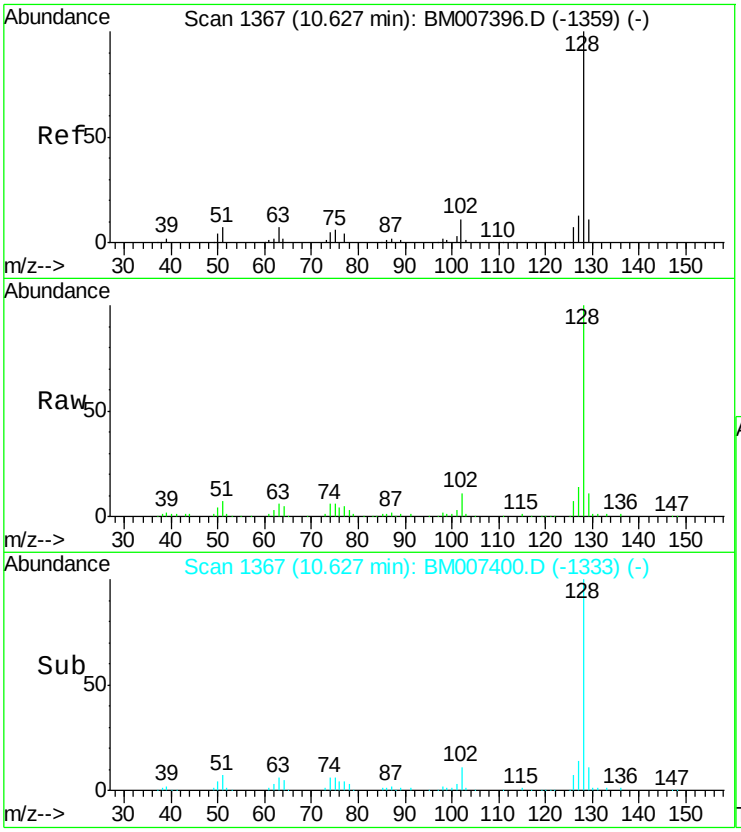
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090316\
Data File : BM007400.D
Acq On : 03 Sep 2016 10:46
Operator : UM/SJ
Sample : H4639-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD393

Quant Time: Sep 05 01:45:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 05 01:45:04 2016
Response via : Initial Calibration



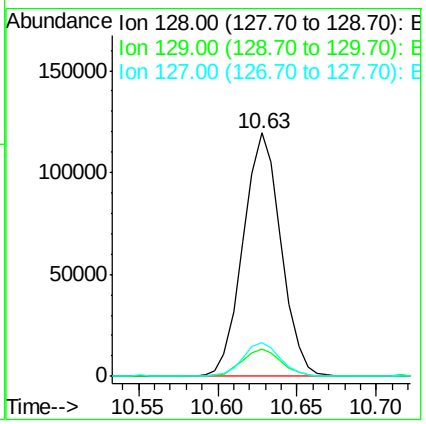


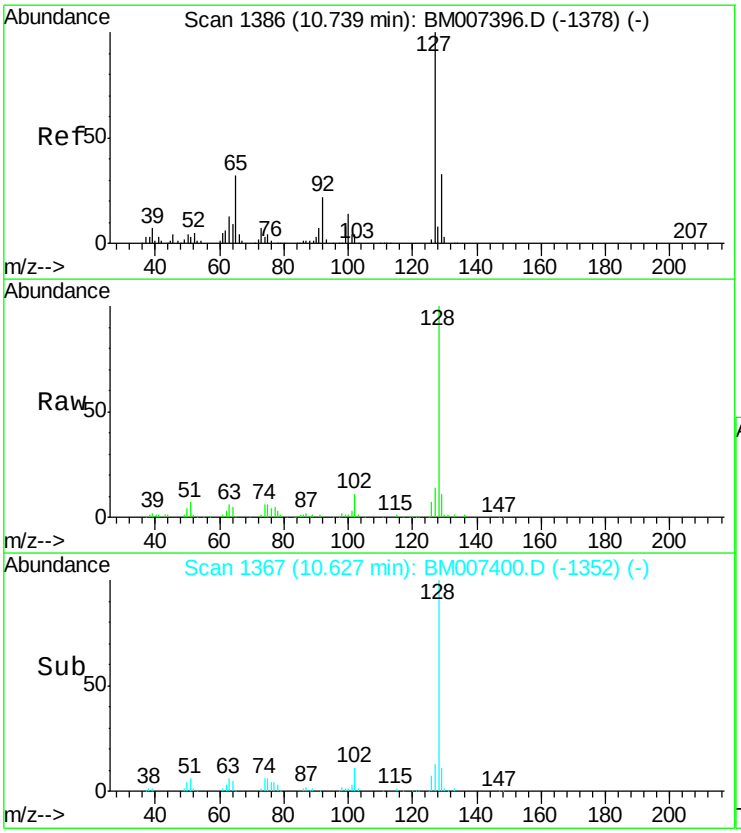
#28
Naphthalene
Concen: 3.90 ng/ul
RT: 10.63 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:128 Resp: 198332

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.7	10.6	15.8

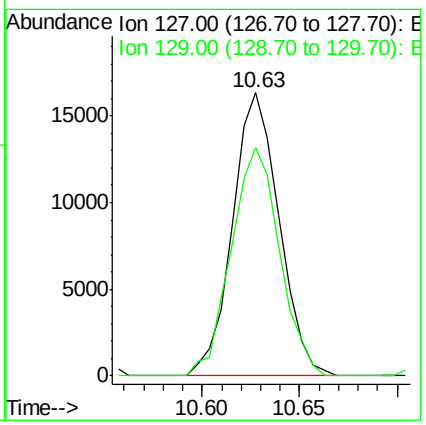


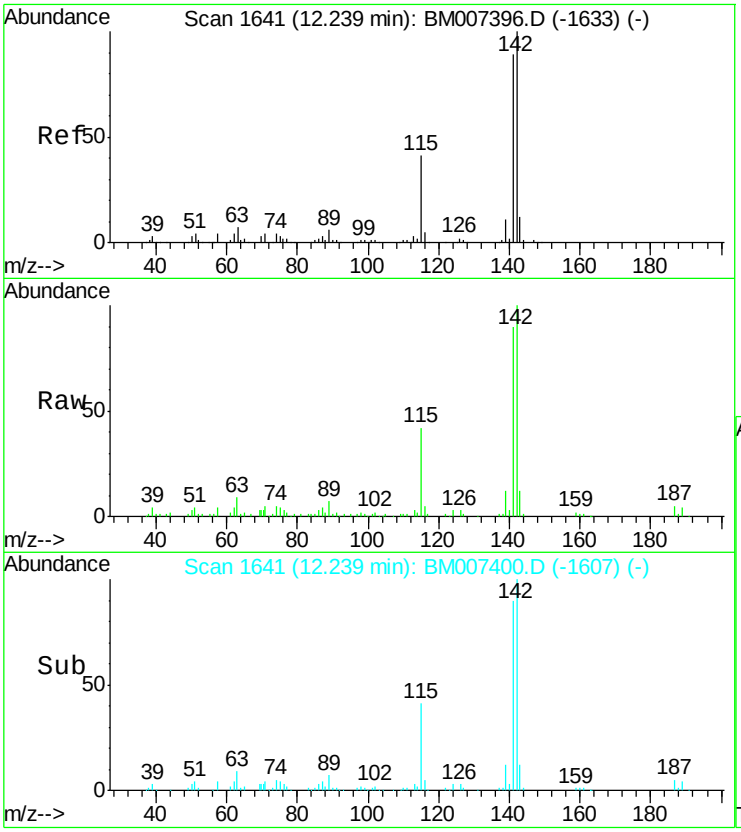


#30
4-Chloroaniline
Concen: 1.20 ng/ul
RT: 10.63 min Scan# 1367
Delta R.T. -0.11 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:127 Resp: 26985

Ion	Ratio	Lower	Upper
127	100		
129	80.7	24.6	37.0#



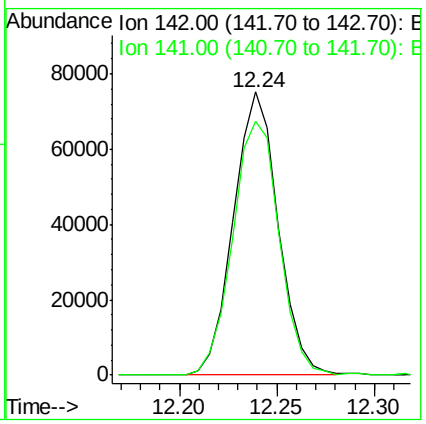


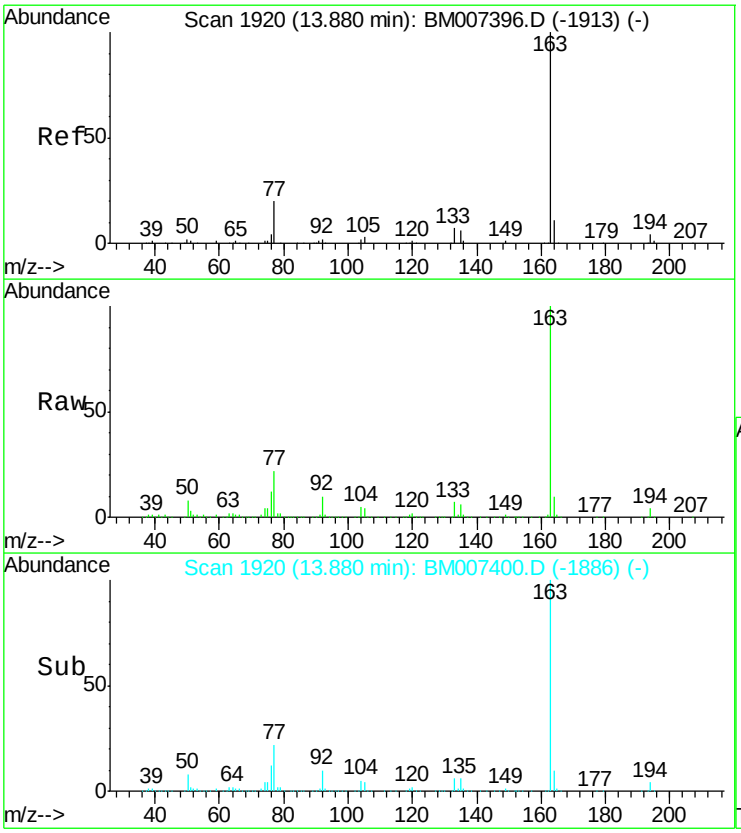
#34
2-Methylnaphthalene
Concen: 2.86 ng/ul
RT: 12.24 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:142 Resp: 119212

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.3	106.9

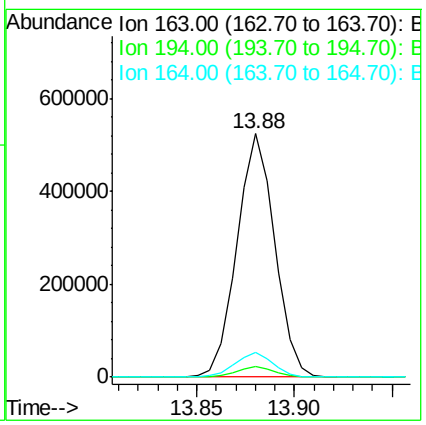


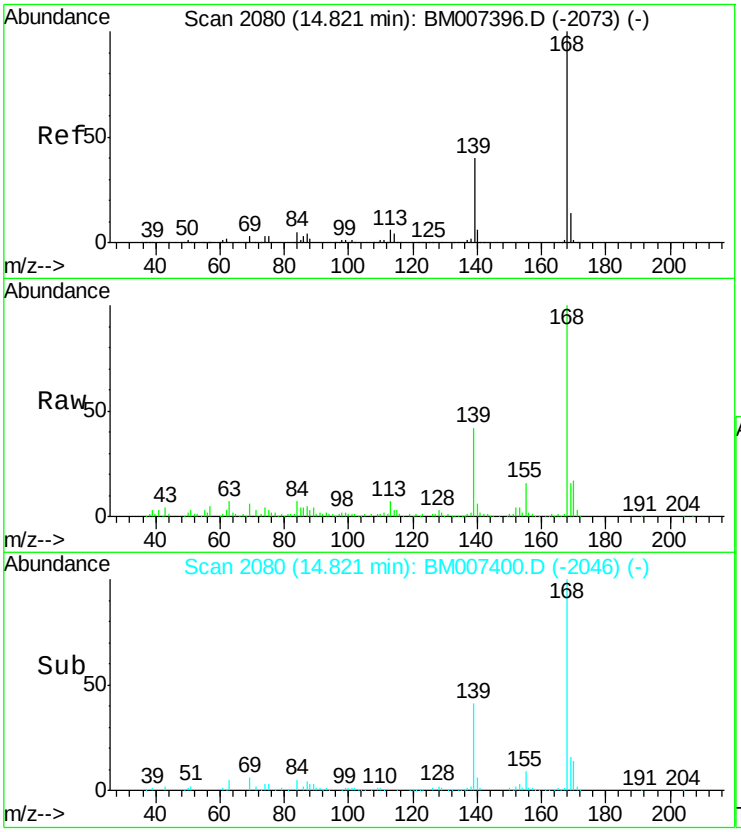


#44
Dimethylphthalate
Concen: 11.72 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:163 Resp: 697647

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	7.8	11.8



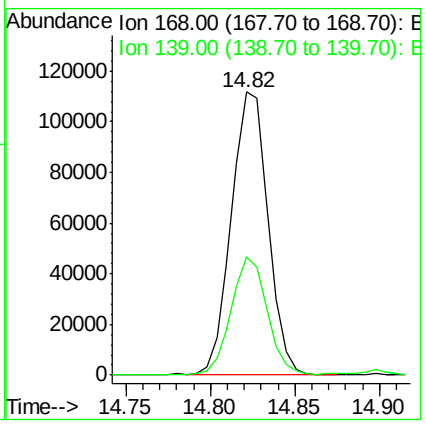


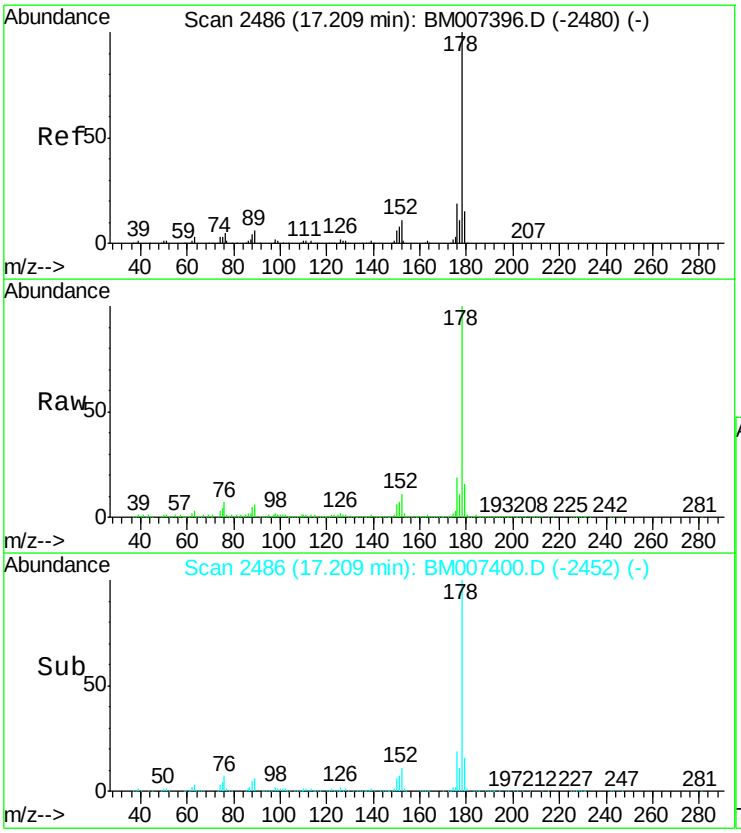
#53
Dibenzofuran
Concen: 2.45 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:168 Resp: 169891

Ion	Ratio	Lower	Upper
168	100		
139	41.7	30.1	45.1

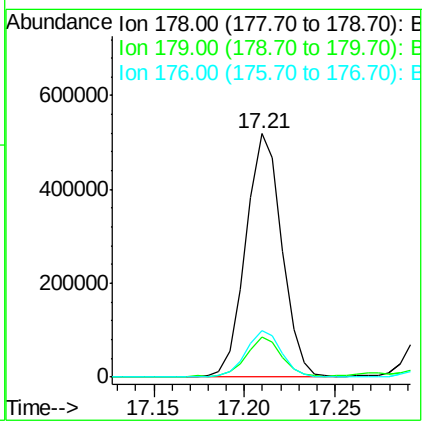


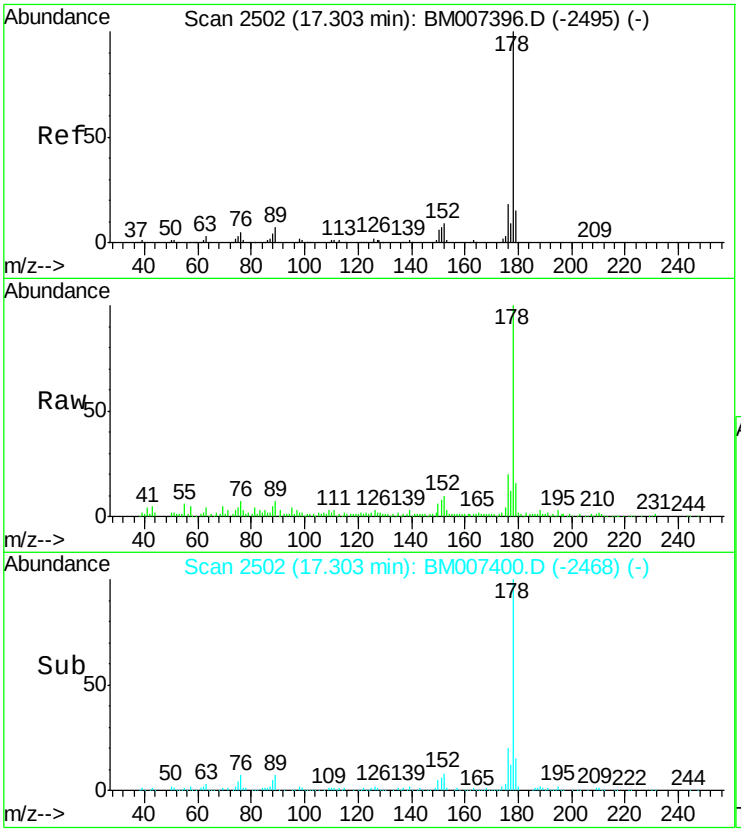


#69
Phenanthrene
Concen: 7.46 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:178 Resp: 712715

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.2
176	19.2	15.1	22.7



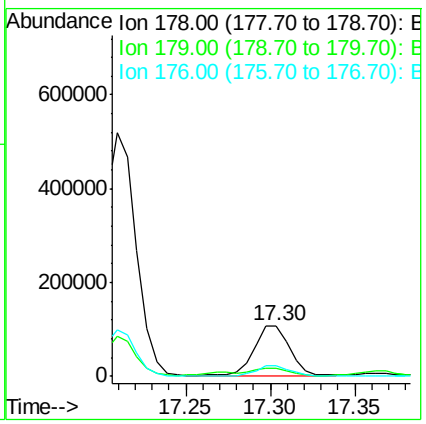


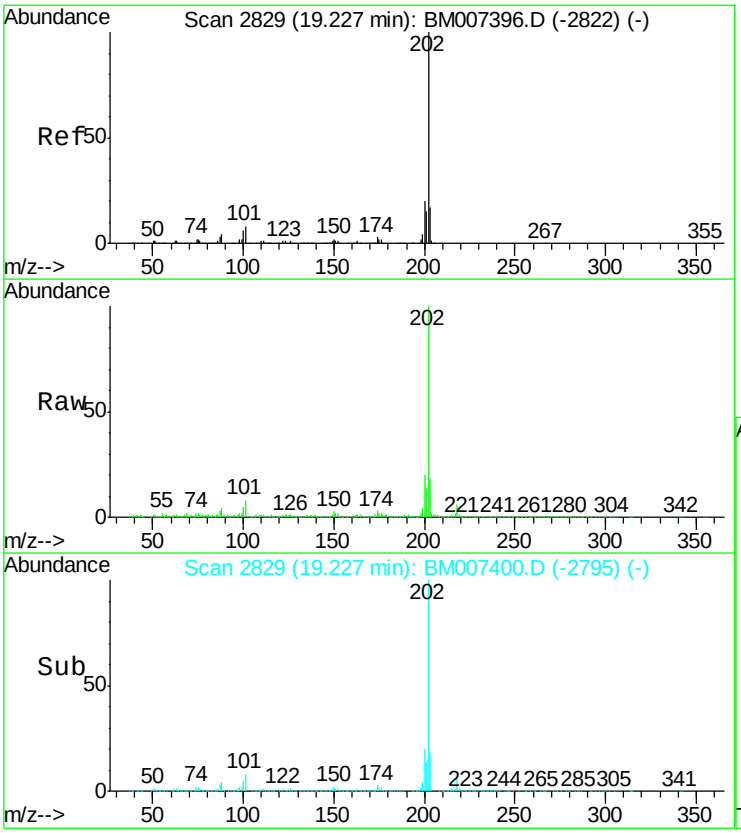
#71
Anthracene
Concen: 1.58 ng/ul
RT: 17.30 min Scan# 2502
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:178 Resp: 156224

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.1	18.1
176	20.1	14.5	21.7

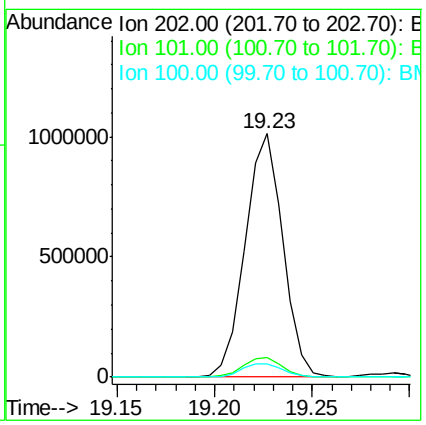


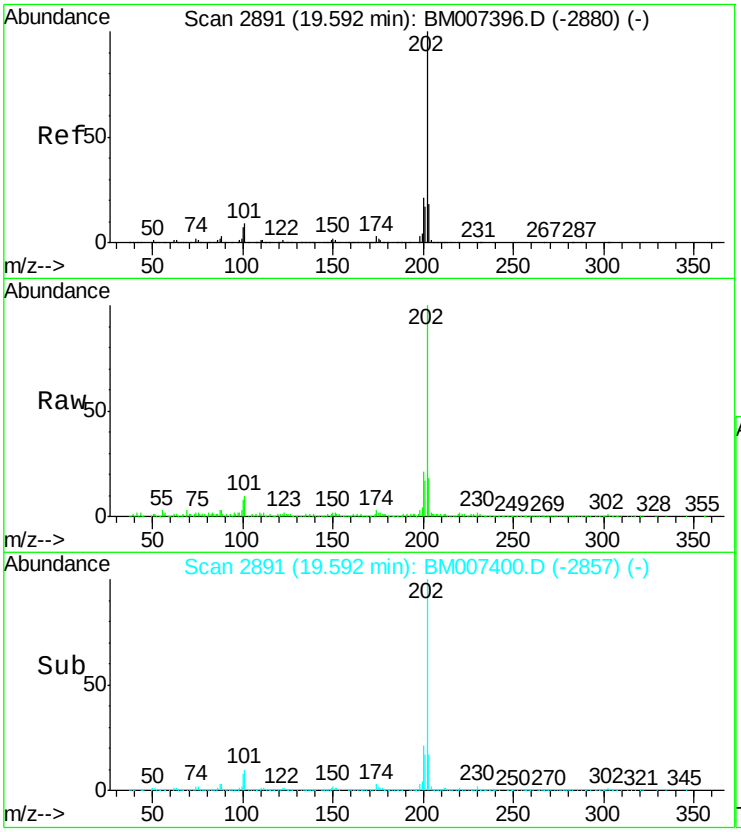


#74
Fluoranthene
Concen: 11.20 ng/ul
RT: 19.23 min Scan# 2829
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:202 Resp: 1343293

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.9	10.3
100	5.4	5.4	8.0



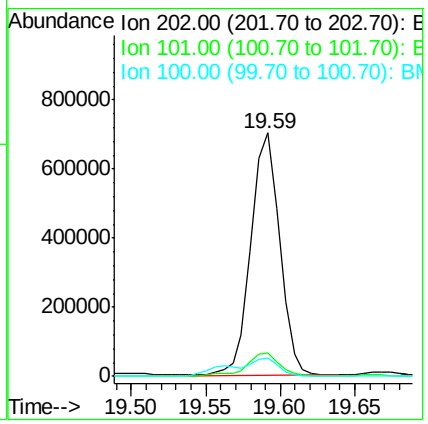


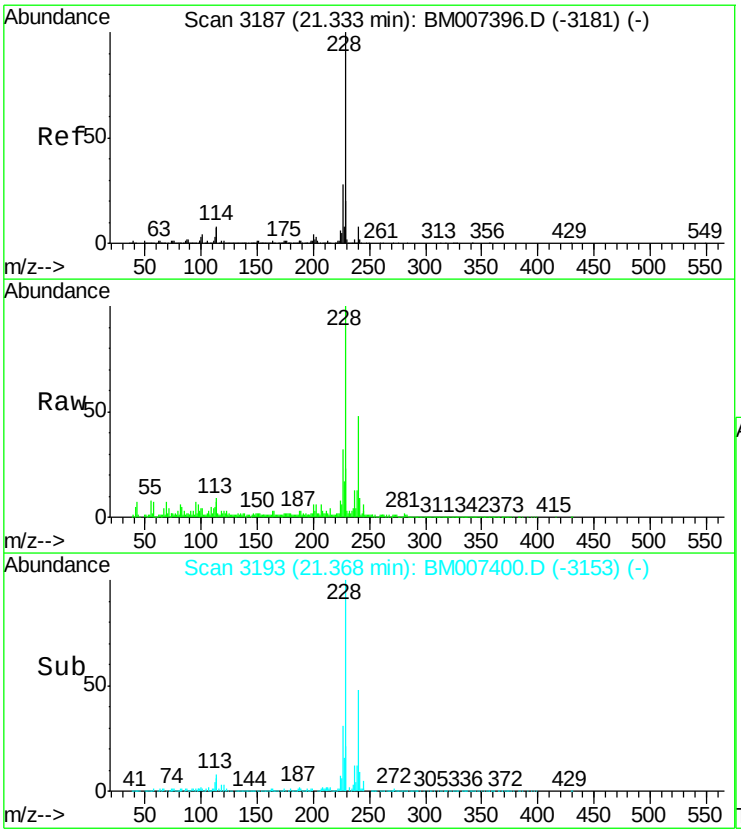
#77
Pyrene
Concen: 7.63 ng/ul
RT: 19.59 min Scan# 2891
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:202 Resp: 935429

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.4	12.6
100	7.7	6.9	10.3

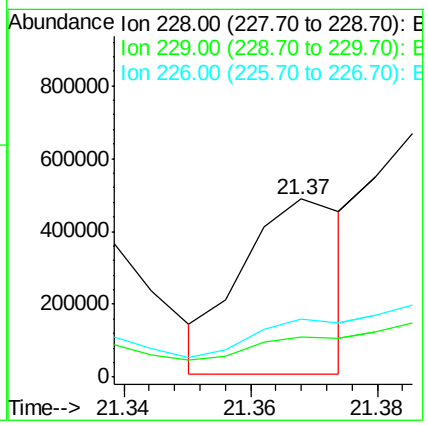


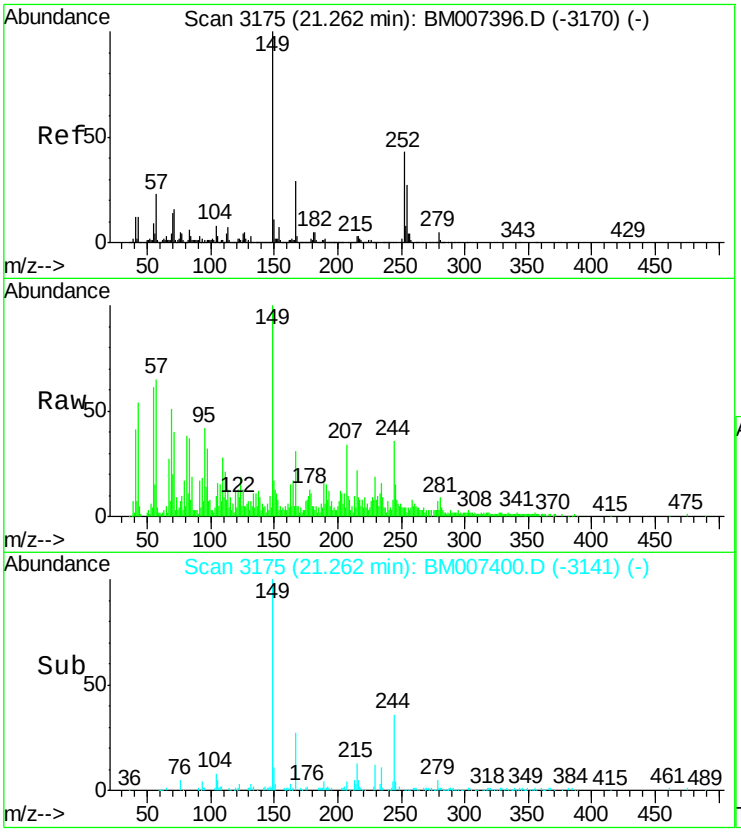


#80
Benzo(a)anthracene
Concen: 4.02 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.04 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:228 Resp: 541676

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.6	23.4
226	32.4	21.8	32.8



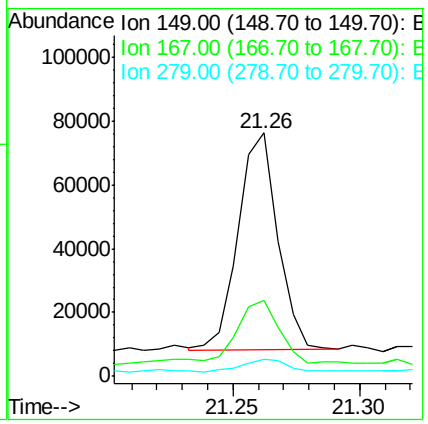


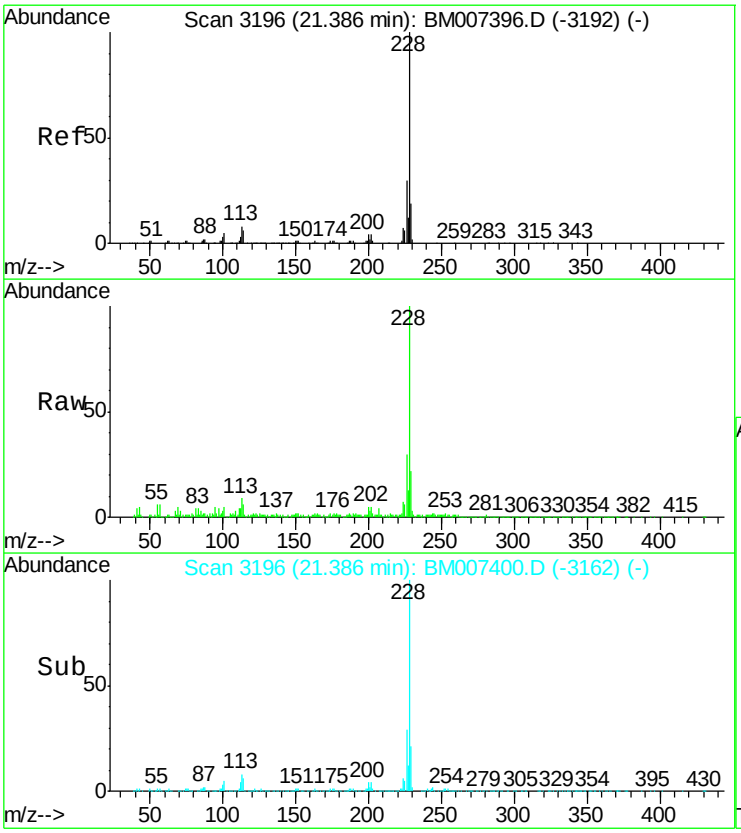
#81
Bis(2-ethylhexyl)phthalate
Concen: 1.00 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:149 Resp: 74101

Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.2	34.8
279	6.8	4.1	6.1#

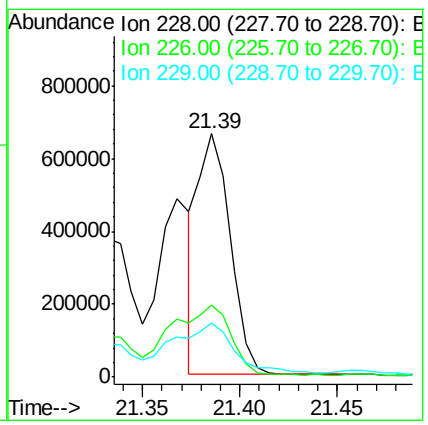


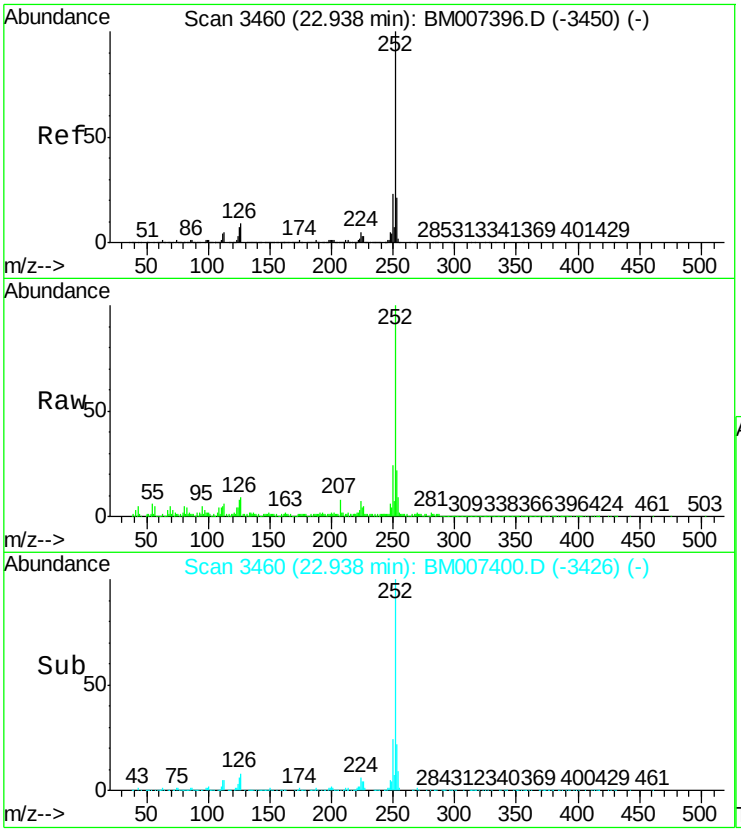


#82
Chrysene
Concen: 6.22 ng/ul
RT: 21.39 min Scan# 3196
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:228 Resp: 758941

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	22.1	15.5	23.3



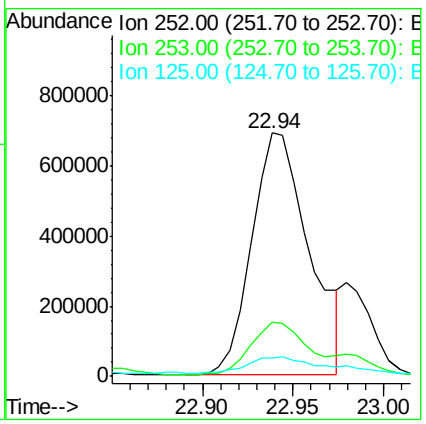


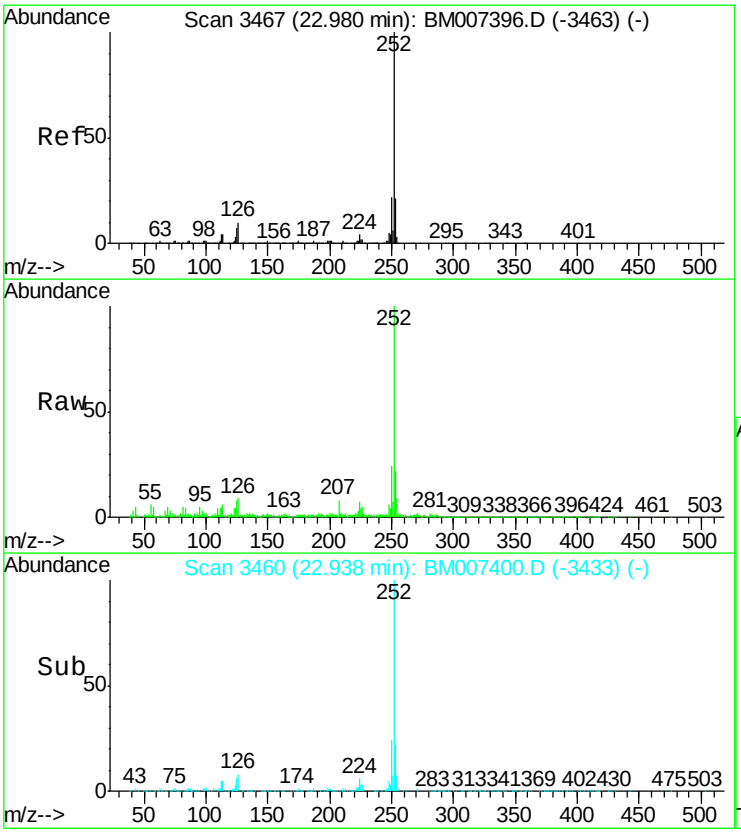
#85
Benzo(b)fluoranthene
Concen: 11.84 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:252 Resp: 1520415

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	7.7	5.8	8.8

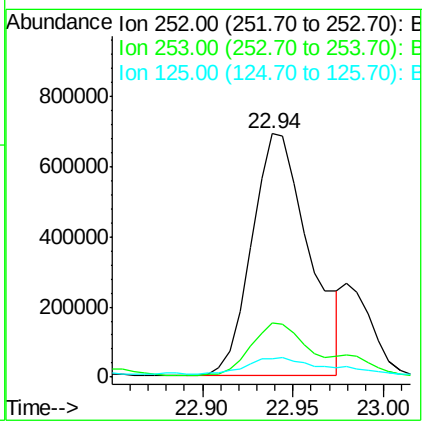


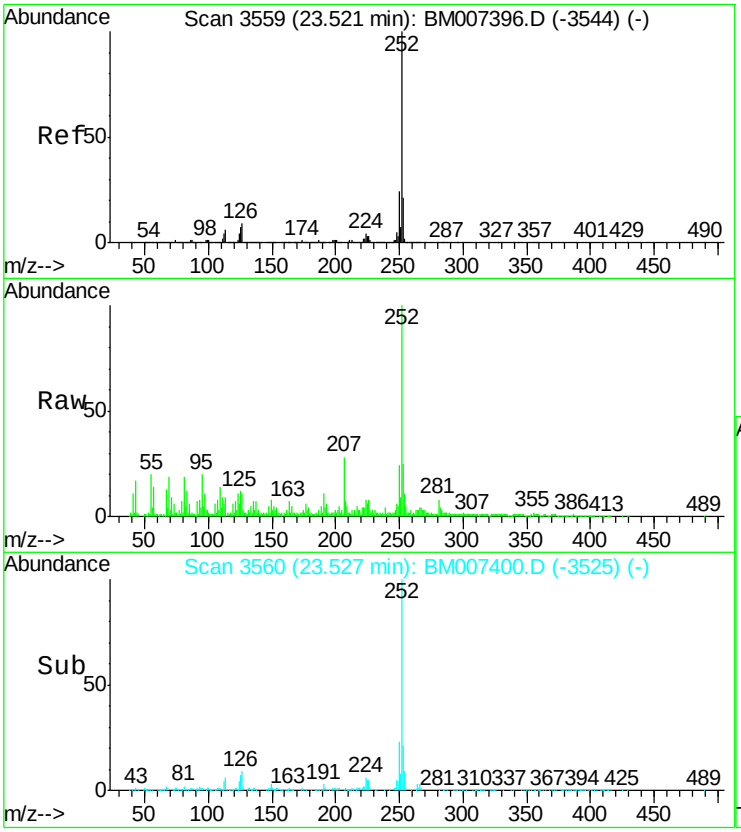


#86
Benzo(k)fluoranthene
Concen: 12.82 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.04 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:252 Resp: 1520415

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	7.7	5.7	8.5



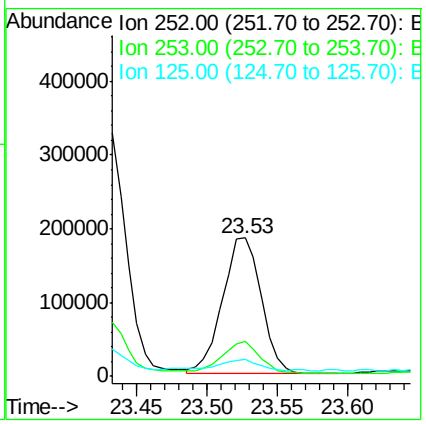


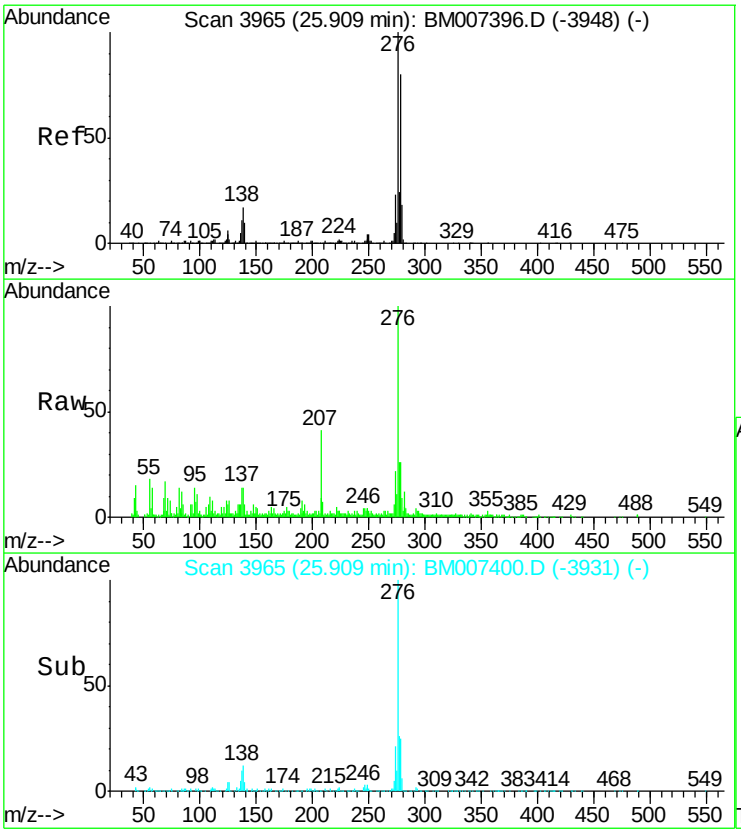
#88
Benzo(a)pyrene
Concen: 2.87 ng/ul
RT: 23.53 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:252 Resp: 352632

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.7	26.5
125	12.0	6.6	9.8#

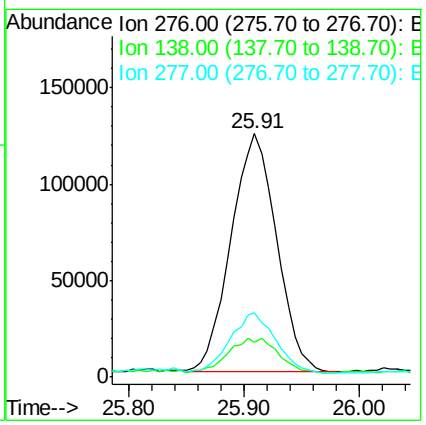


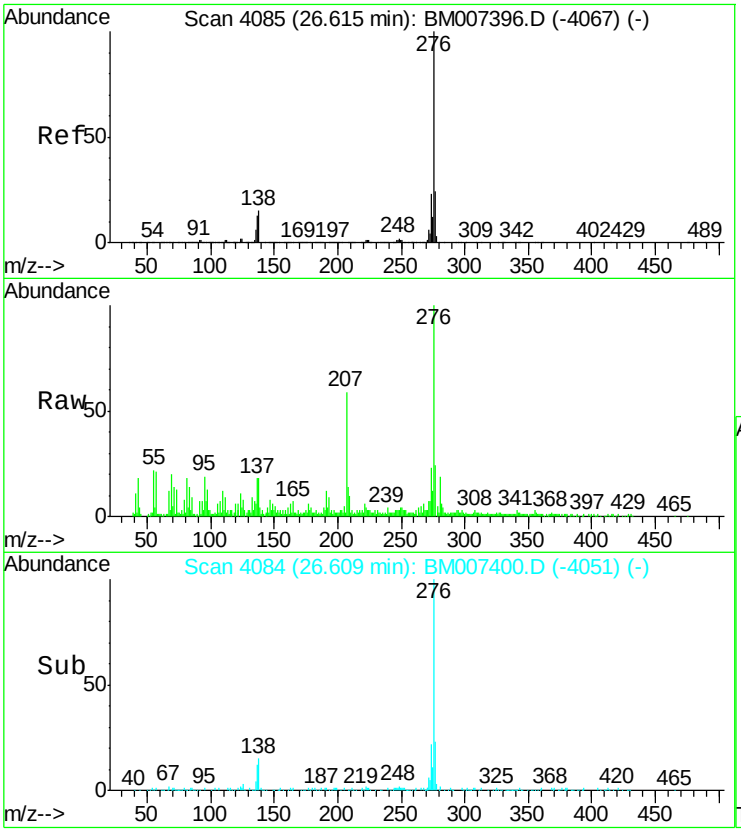


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.26 ng/ul
RT: 25.91 min Scan# 3965
Delta R.T. 0.00 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Tgt Ion:276 Resp: 340459

Ion	Ratio	Lower	Upper
276	100		
138	14.4	13.9	20.9
277	26.4	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 2.08 ng/ul
RT: 26.61 min Scan# 4084
Delta R.T. -0.01 min
Lab File: BM007400.D
Acq: 03 Sep 2016 10:46

Instrument :
BNA_M
ClientSampleId :
BD393

Tgt Ion:276 Resp: 266290

Ion	Ratio	Lower	Upper
276	100		
138	17.7	13.5	20.3
277	24.4	19.3	28.9