Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005591.D
Acq On : 22 May 2016 17:49
Operator : UM/SJ
Sample : H3087-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK4

Quant Time: May 23 05:33:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	40810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	206063	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	139203	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	356949	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	495174	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	580950	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	2901	3.11	ng/uL	0.00
5) Phenol-d5	6.98	99	77450	23.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	44794	23.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	59312	21.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	63072	23.01	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	32308	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	36896	21.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	68379	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	79070	24.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	263938	23.23	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	308674	21.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	44262	20.59	ng/ul	0.00
57) Fluorene-d10	15.43	176	240528	24.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	27936	13.61	ng/ul	0.00
70) Anthracene-d10	17.28	188	422108	24.83	ng/ul	0.00
76) Pyrene-d10	19.57	212	541785	24.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	677313	24.97	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.01	94	6747	1.96	ng/ul	95
14) Acetophenone	8.63	105	7267	1.76	ng/ul	91
44) Dimethylphthalate	13.90	163	56513	5.03	ng/ul	97
47) Acenaphthylene	14.17	152	38442	2.66	ng/ul	98
58) Fluorene	15.49	166	27370	2.52	ng/ul	97
69) Phenanthrene	17.23	178	477562	23.94	ng/ul	99
71) Anthracene	17.32	178	112064	5.51	ng/ul	99
74) Fluoranthene	19.24	202	946547	42.15	ng/ul	99
77) Pyrene	19.60	202	857942	30.14	ng/ul	98
80) Benzo(a)anthracene	21.34	228	330230	11.35	ng/ul	95
82) Chrysene	21.40	228	413326	14.93	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	325824	9.51	ng/ul	97
86) Benzo(k)fluoranthene	22.96	252	325824	10.05	ng/ul	98
88) Benzo(a)pyrene	23.54	252	281705	8.48	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	157585	3.99	ng/ul	96
90) Dibenzo(a,h)anthracene	25.94	278	39266	1.19	ng/ul#	77
91) Benzo(g,h,i)perylene	26.64	276	139338	4.20	ng/ul	99

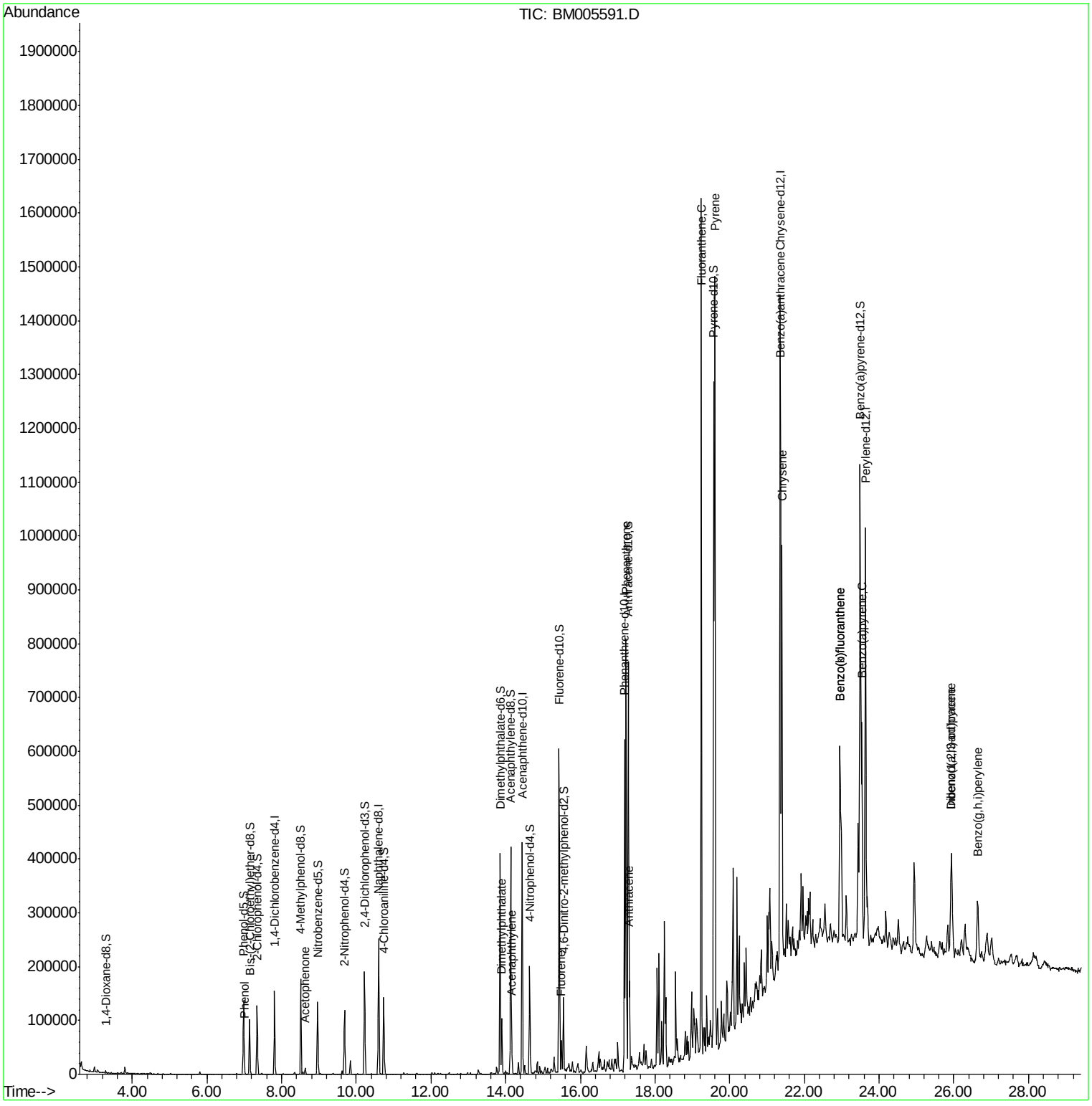
(#) = qualifier out of range (m) = manual integration (+) = signals summed

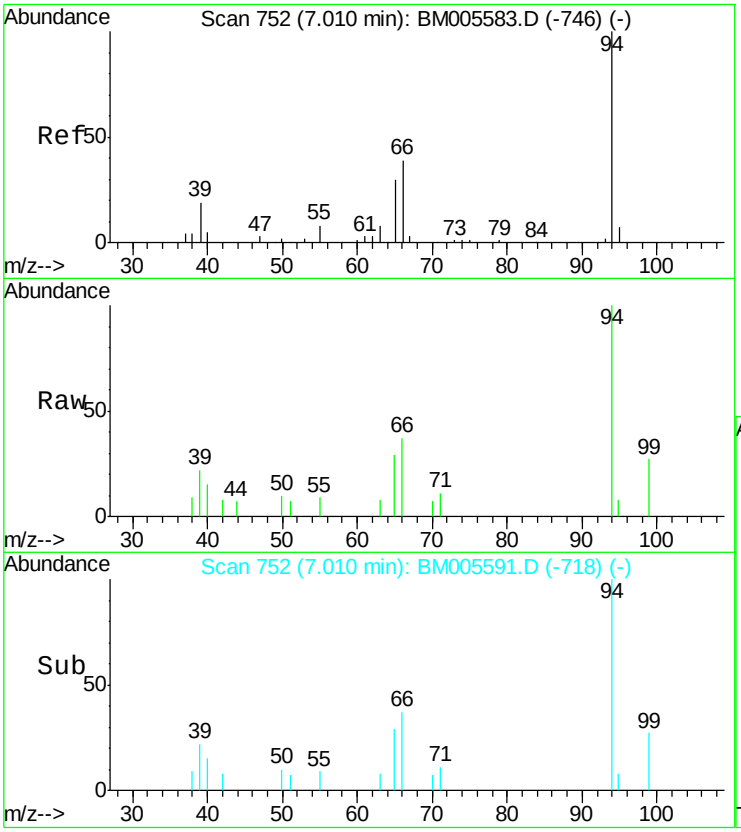
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052216\
Data File : BM005591.D
Acq On : 22 May 2016 17:49
Operator : UM/SJ
Sample : H3087-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : JHGK4

Quant Time: May 23 05:33:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 23 05:32:02 2016
Response via : Initial Calibration



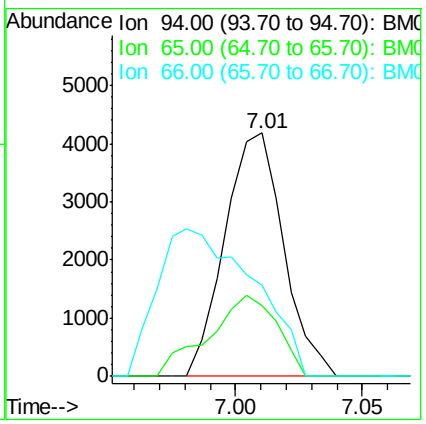


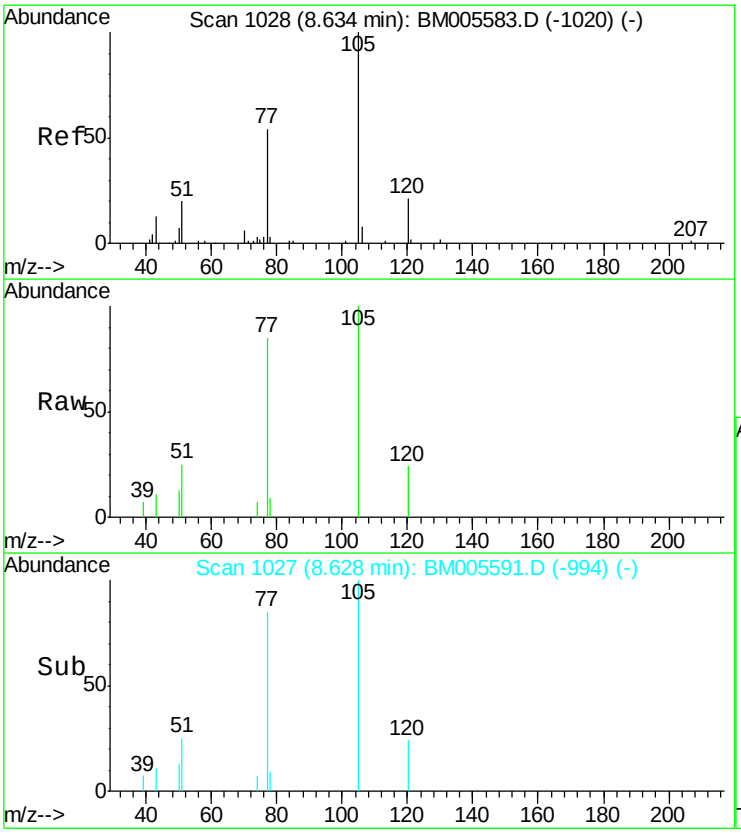
#6
Phenol
Concen: 1.96 ng/ul
RT: 7.01 min Scan# 752
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion: 94 Resp: 6747

Ion	Ratio	Lower	Upper
94	100		
65	29.1	24.2	36.2
66	37.5	33.9	50.9

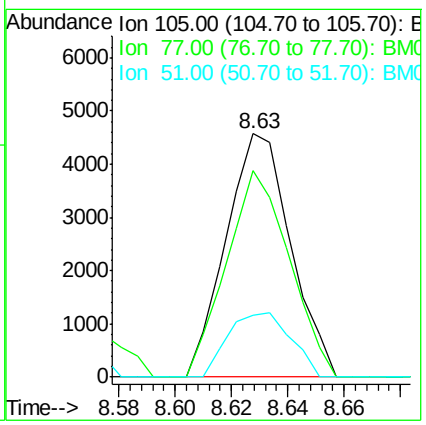


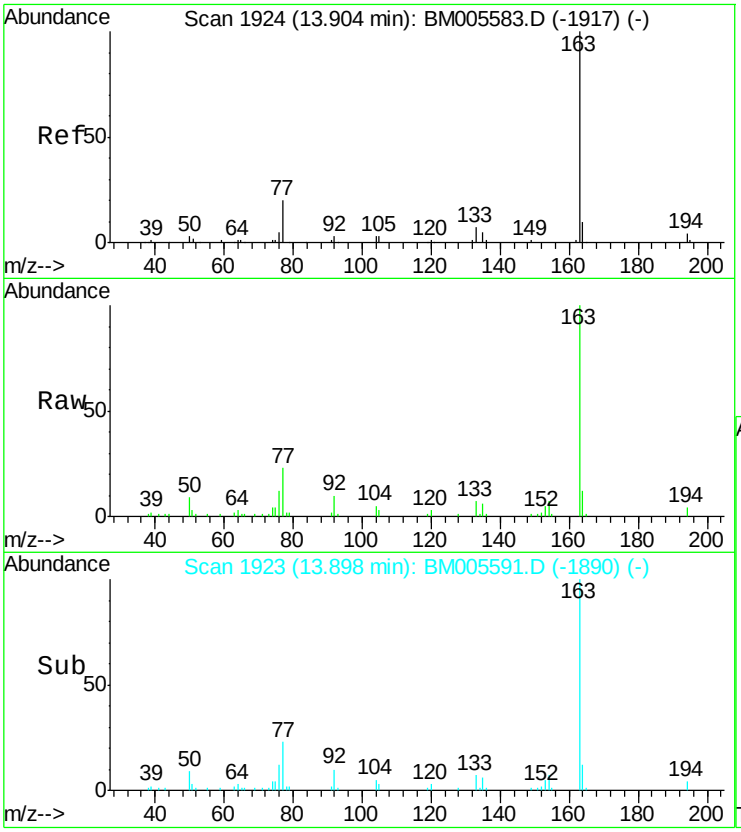


#14
Acetophenone
Concen: 1.76 ng/ul
RT: 8.63 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:105 Resp: 7267

Ion	Ratio	Lower	Upper
105	100		
77	84.7	60.8	91.2
51	25.3	22.2	33.2



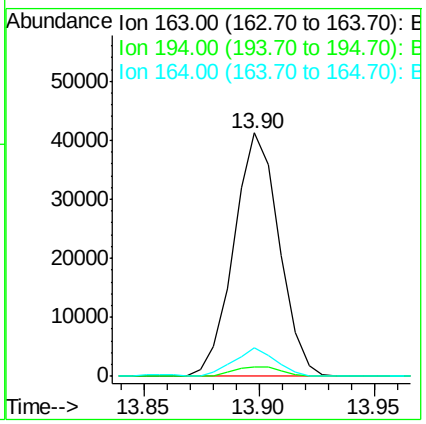


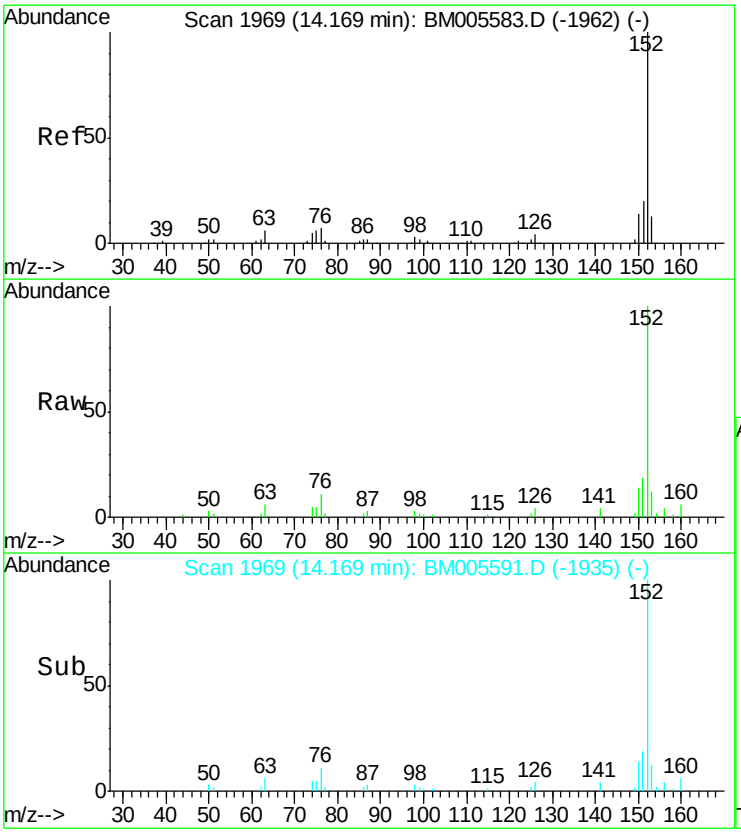
#44
Dimethylphthalate
Concen: 5.03 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:163 Resp: 56513

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	11.7	8.0	12.0

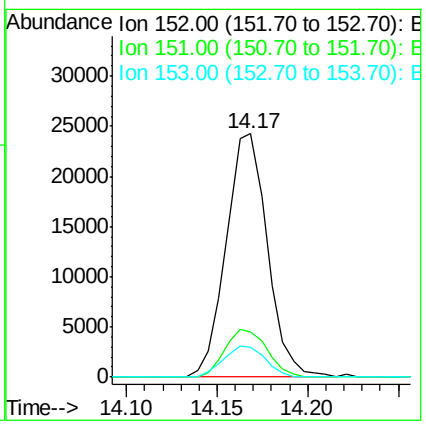


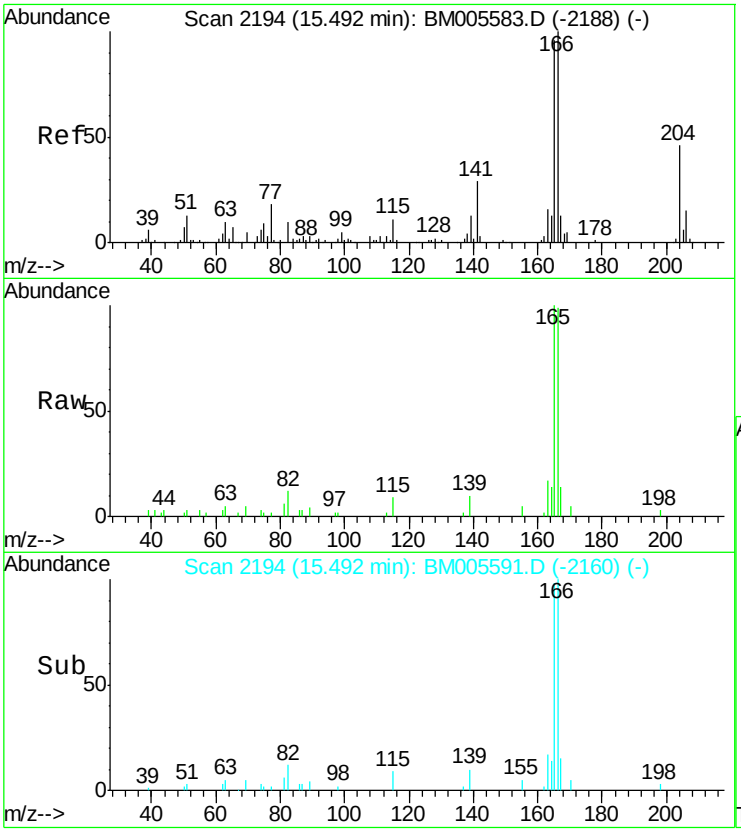


#47
Acenaphthylene
Concen: 2.66 ng/ul
RT: 14.17 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:152 Resp: 38442

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.7	23.5
153	12.2	10.5	15.7



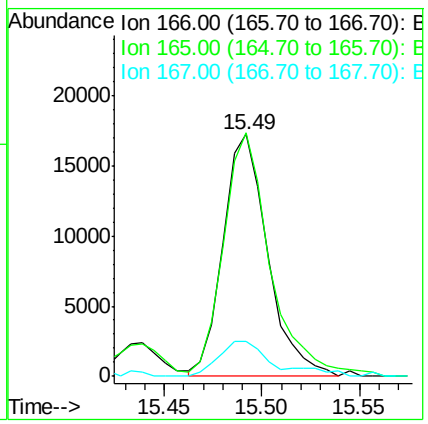


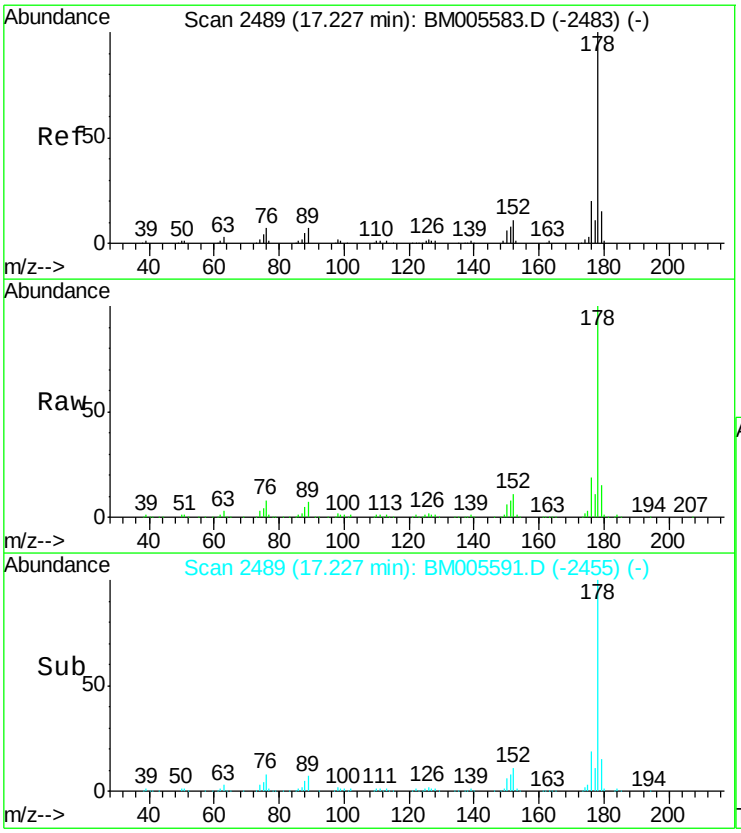
#58
Fluorene
Concen: 2.52 ng/ul
RT: 15.49 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:166 Resp: 27370

Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.0	117.0
167	14.5	10.5	15.7

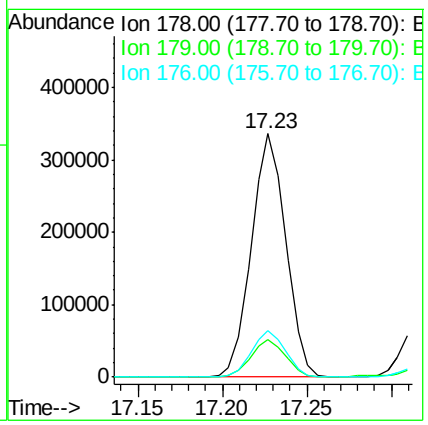


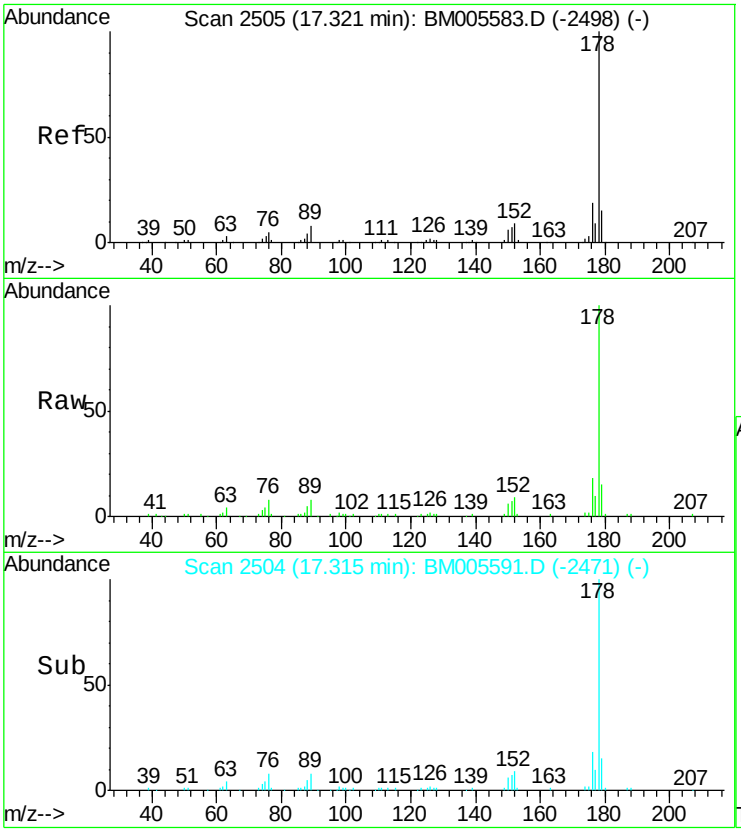


#69
Phenanthrene
Concen: 23.94 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:178 Resp: 477562

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.0	15.8	23.6



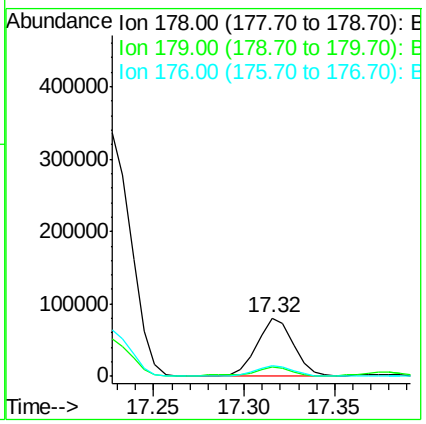


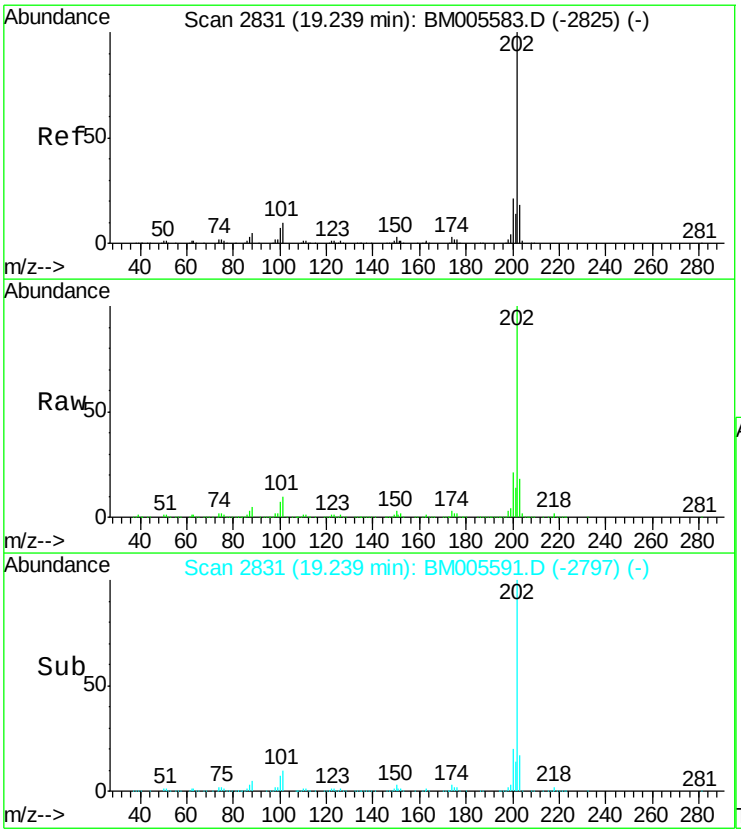
#71
Anthracene
Concen: 5.51 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:178 Resp: 112064

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	18.4	15.0	22.4

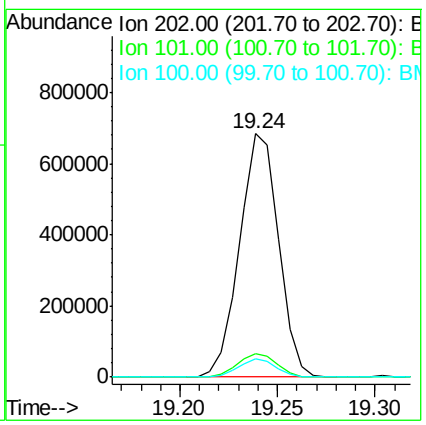


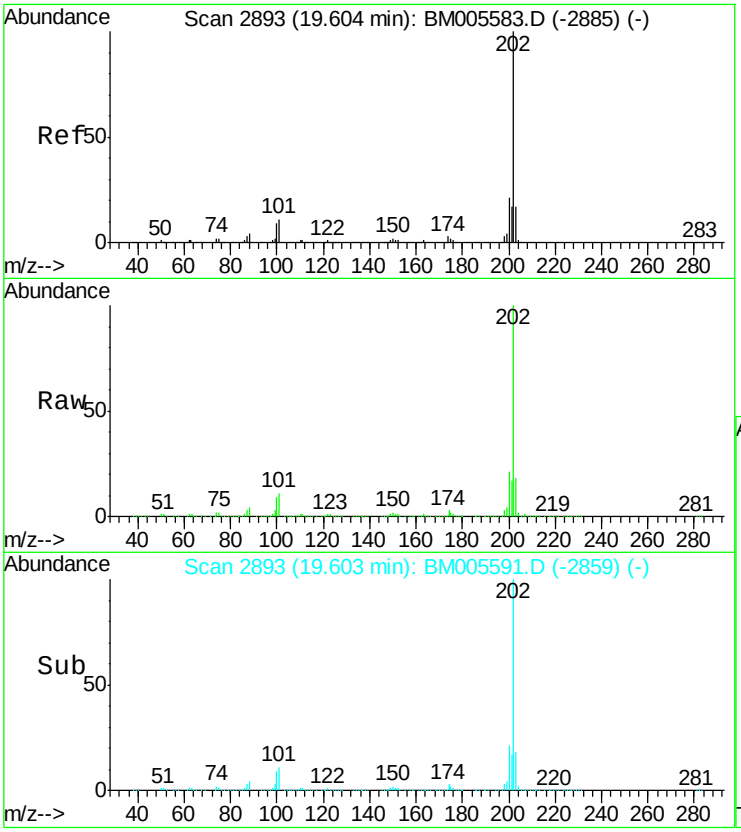


#74
Fluoranthene
Concen: 42.15 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:202 Resp: 946547

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.9	11.9
100	7.4	5.6	8.4



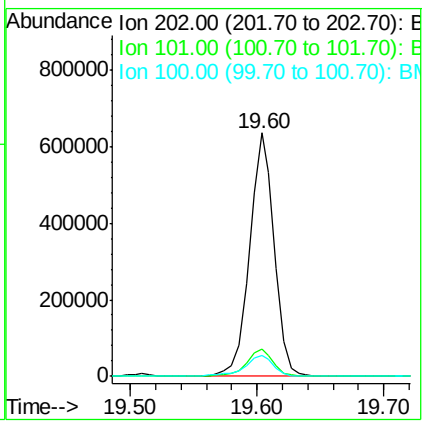


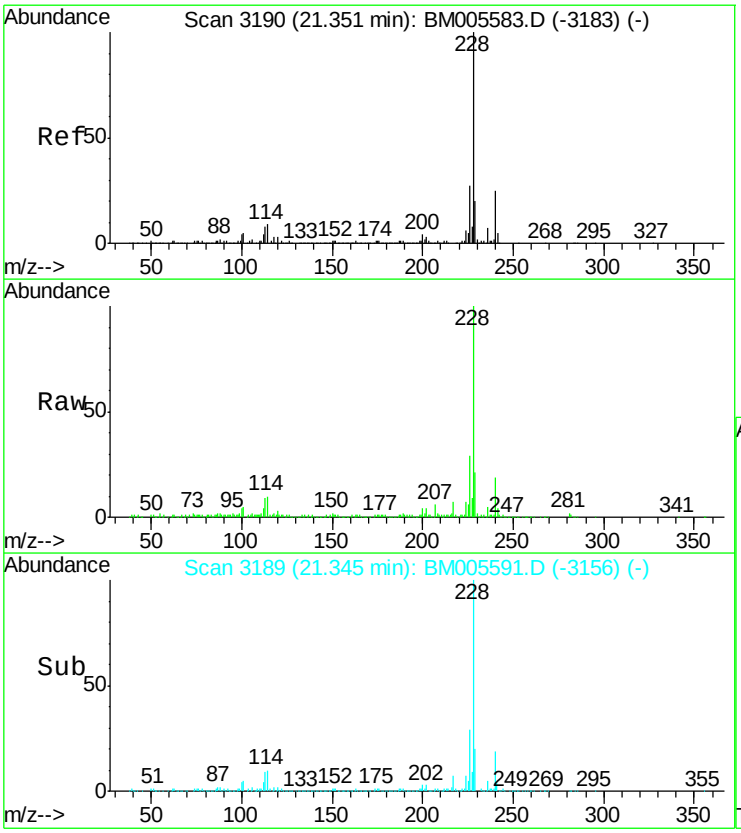
#77
Pyrene
Concen: 30.14 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:202 Resp: 857942

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.6	14.4
100	8.8	7.8	11.6

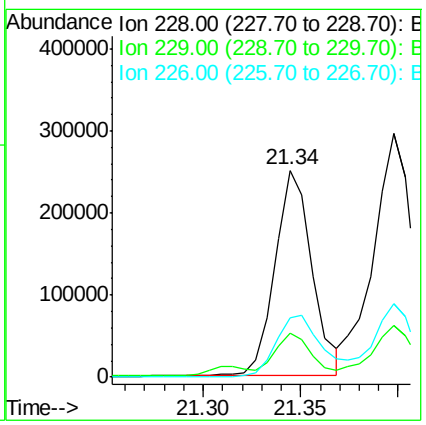


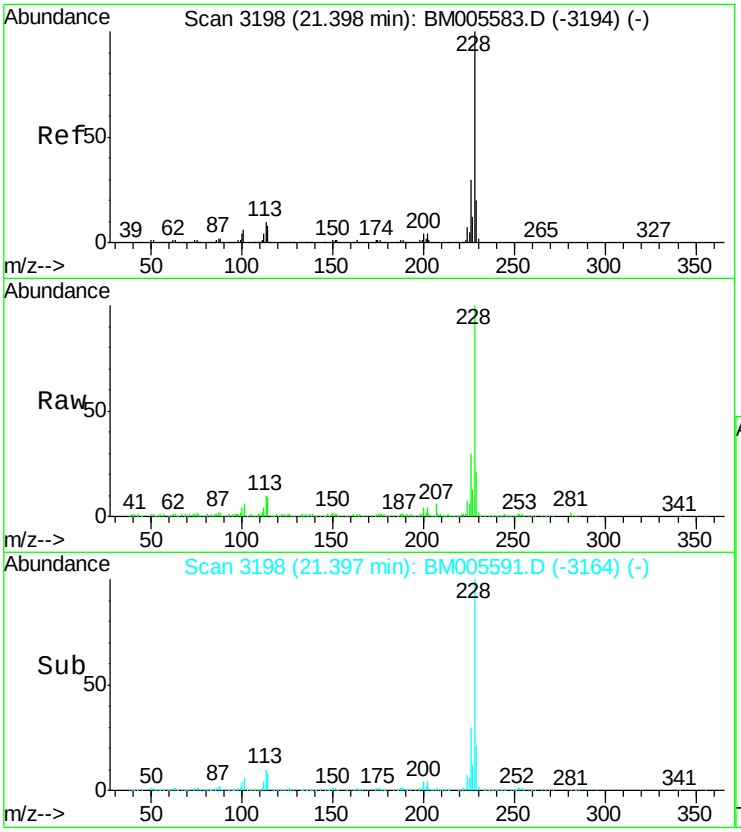


#80
Benzo(a)anthracene
Concen: 11.35 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:228 Resp: 330230

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.2
226	29.0	21.0	31.4



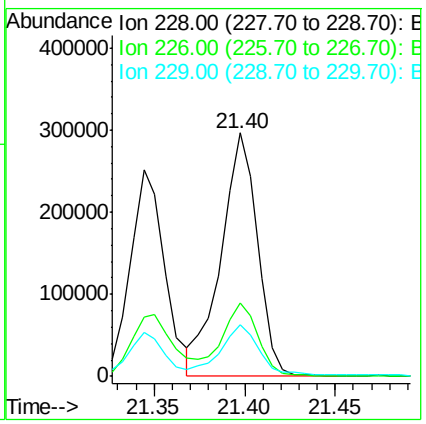


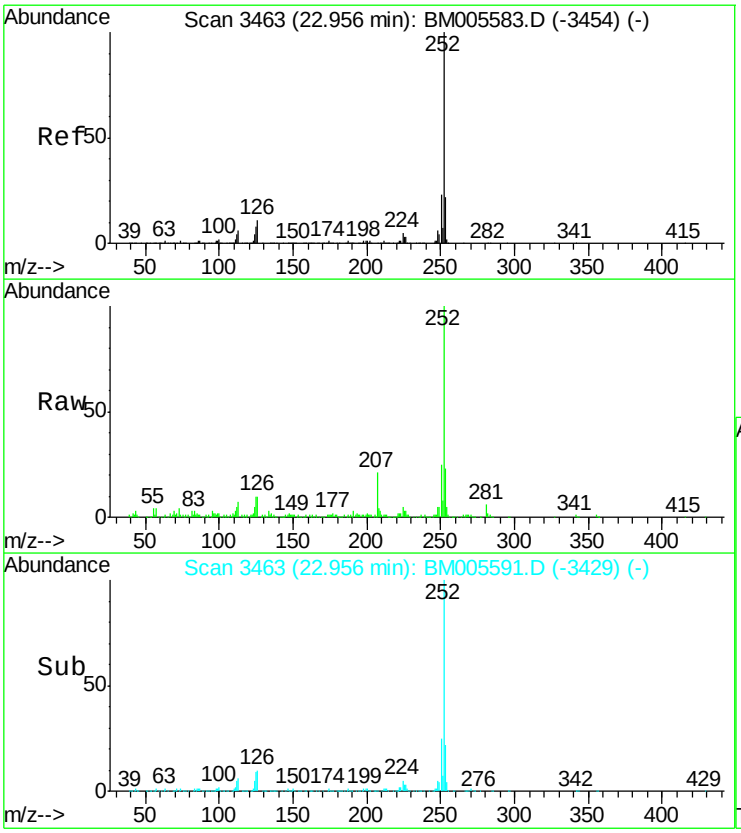
#82
Chrysene
Concen: 14.93 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:228 Resp: 413326

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	21.1	15.5	23.3

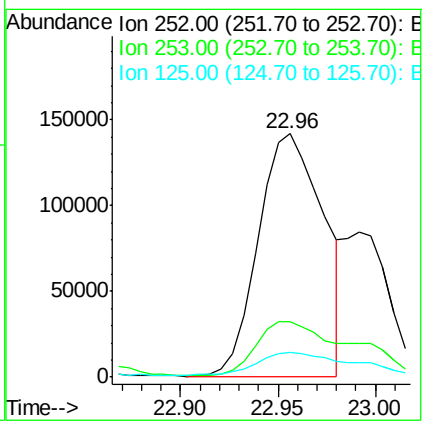


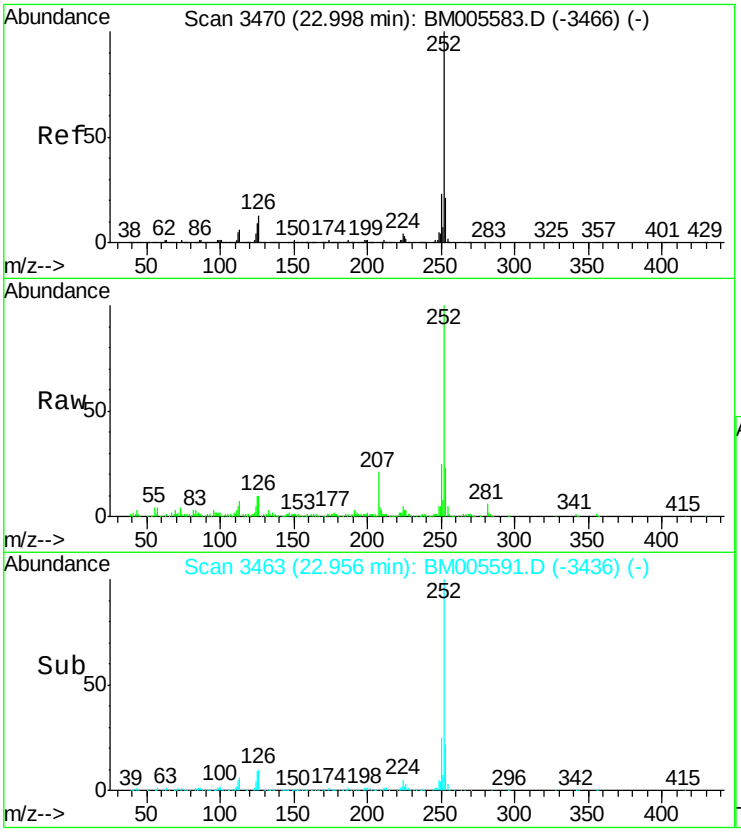


#85
Benzo(b)fluoranthene
Concen: 9.51 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.00 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:252 Resp: 325824

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	10.0	7.0	10.4



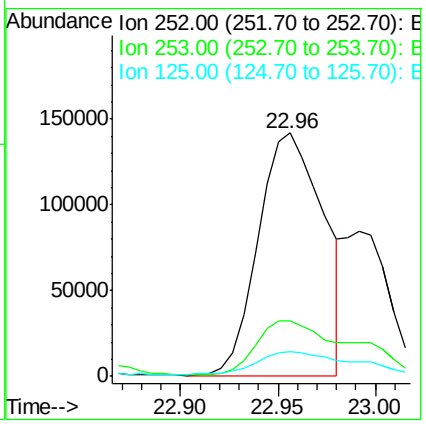


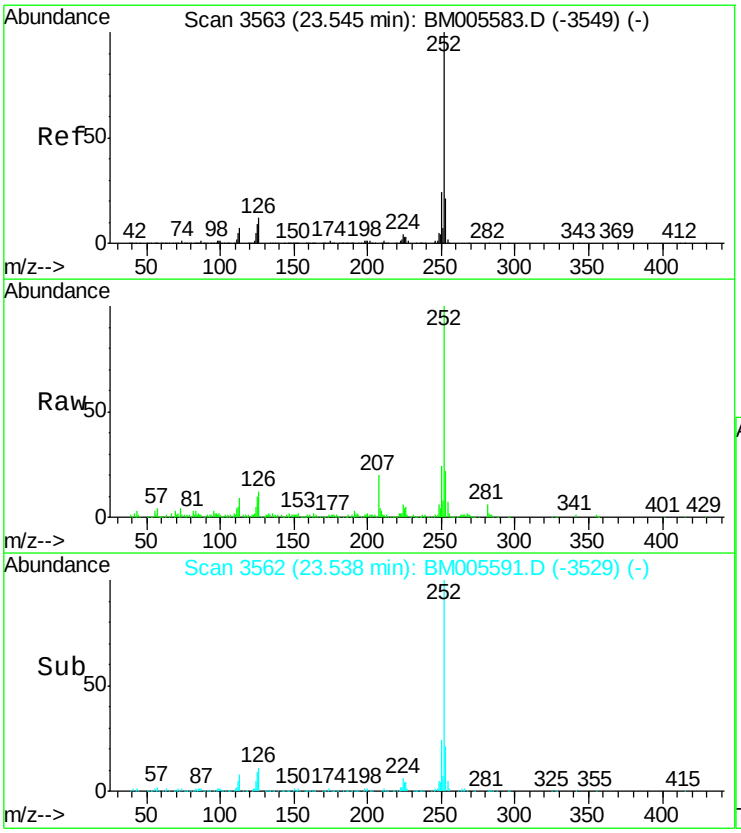
#86
Benzo(k)fluoranthene
Concen: 10.05 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.04 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:252 Resp: 325824

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.0	7.0	10.6

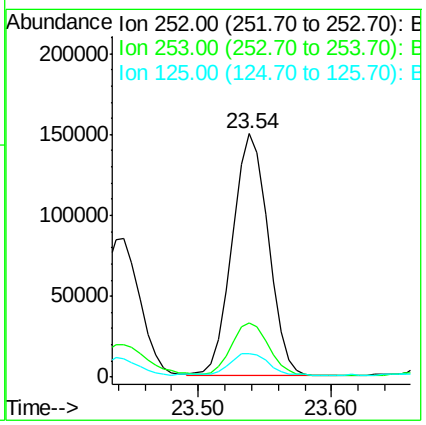


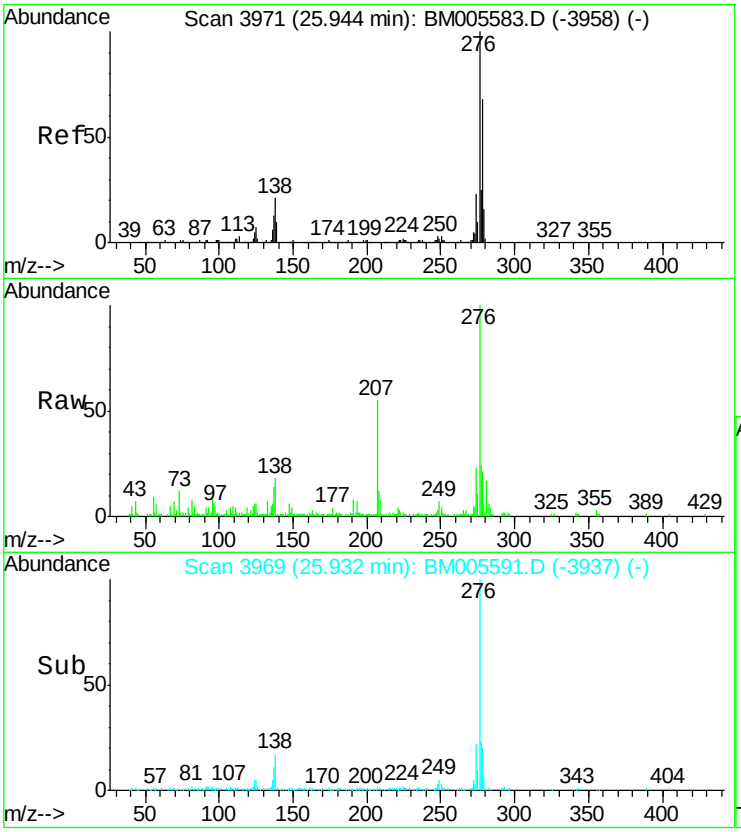


#88
Benzo(a)pyrene
Concen: 8.48 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:252 Resp: 281705

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.6	26.4
125	9.5	7.6	11.4



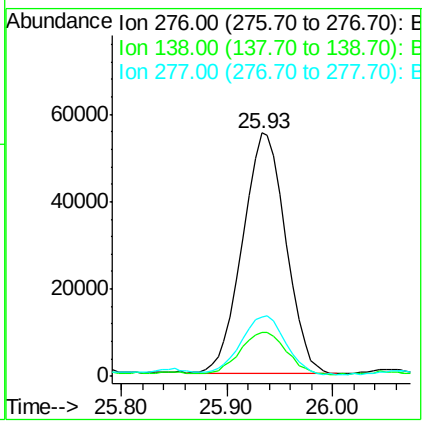


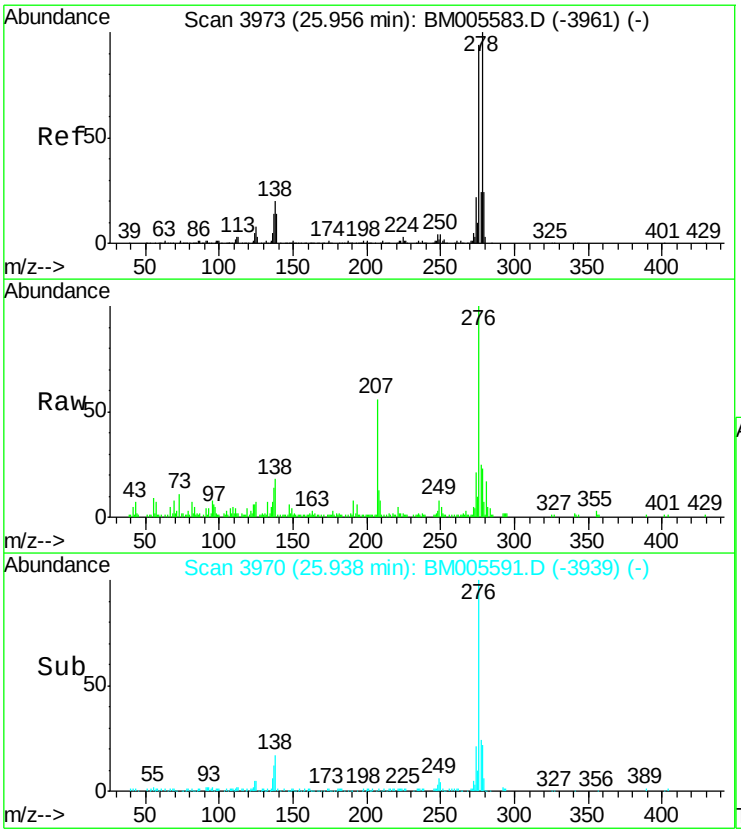
#89
Indeno(1,2,3-cd)pyrene
Concen: 3.99 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.01 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:276 Resp: 157585

Ion	Ratio	Lower	Upper
276	100		
138	18.1	16.9	25.3
277	24.3	20.2	30.4

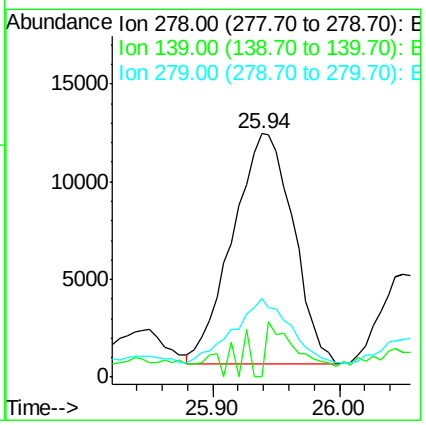


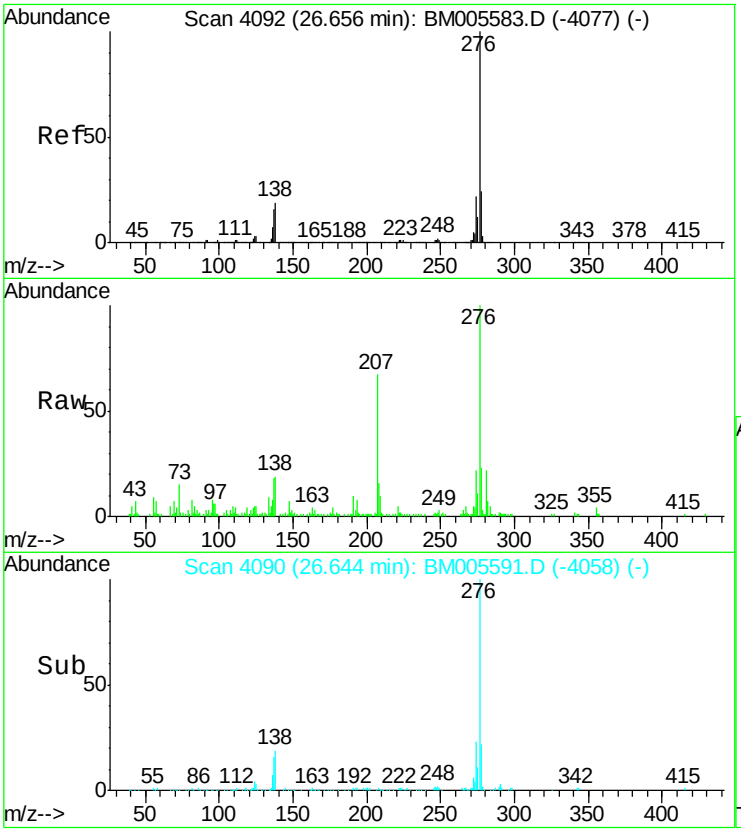


#90
Dibenzo(a,h)anthracene
Concen: 1.19 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Tgt Ion:278 Resp: 39266

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.8	17.6#
279	32.1	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 4.20 ng/ul
RT: 26.64 min Scan# 4090
Delta R.T. -0.01 min
Lab File: BM005591.D
Acq: 22 May 2016 17:49

Instrument :
BNA_M
ClientSampleId :
JHGK4

Tgt Ion:276 Resp: 139338

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.0	22.6
277	23.1	18.6	28.0