Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052116\
Data File : BM005579.D
Acq On : 22 May 2016 08:28
Operator : UM/SJ
Sample : H2890-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 23 07:38:59 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	7.83	152	111415	20.00	ng/ul	0.02
18) Naphthalene-d8	10.62	136	472012	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.46	164	276842	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	643410	20.00	ng/ul	0.02
75) Chrysene-d12	21.39	240	672411	20.00	ng/ul	0.02
83) Perylene-d12	23.68	264	746484	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8694	3.42	ng/uL	0.02
5) Phenol-d5	7.00	99	199413	21.84	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	106932	20.20	ng/ul	0.01
9) 2-Chlorophenol-d4	7.36	132	160196	21.03	ng/ul	0.02
13) 4-Methylphenol-d8	8.53	113	154216	20.61	ng/ul	0.02
19) Nitrobenzene-d5	8.98	128	76951	21.32	ng/ul	0.01
22) 2-Nitrophenol-d4	9.70	143	89262	22.47	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.24	165	163759	21.89	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	124141	16.57	ng/ul	0.01
43) Dimethylphthalate-d6	13.87	166	499205	22.09	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	624280	22.10	ng/ul	0.01
51) 4-Nitrophenol-d4	14.67	143	96089	22.48	ng/ul	0.02
57) Fluorene-d10	15.45	176	439117	22.33	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.57	200	64324	17.38	ng/ul	0.01
70) Anthracene-d10	17.30	188	664236	21.67	ng/ul	0.01
76) Pyrene-d10	19.60	212	729129	23.94	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.53	264	764029	21.92	ng/ul	0.04
Target Compounds						Qvalue
44) Dimethylphthalate	13.92	163	169744	7.60	ng/ul	100
47) Acenaphthylene	14.18	152	34927	1.22	ng/ul	97
49) Acenaphthene	14.52	153	43024	2.27	ng/ul	99
53) Dibenzofuran	14.86	168	33979	1.26	ng/ul	100
58) Fluorene	15.50	166	33048	1.53	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.51	198	4799	1.23	ng/ul#	70
69) Phenanthrene	17.24	178	1101526	30.63	ng/ul	99
71) Anthracene	17.33	178	220979	6.03	ng/ul	99
72) Carbazole	17.60	167	196372	6.17	ng/ul	98
74) Fluoranthene	19.26	202	2310498	57.08	ng/ul	98
77) Pyrene	19.63	202	1900627	49.17	ng/ul	97
80) Benzo(a)anthracene	21.37	228	1263849	31.98	ng/ul	96
82) Chrysene	21.42	228	1327647	35.31	ng/ul	96
85) Benzo(b)fluoranthene	22.99	252	1917648	43.55	ng/ul	98
86) Benzo(k)fluoranthene	22.99	252	1917648	46.01	ng/ul	99
88) Benzo(a)pyrene	23.58	252	1086864	25.45	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	855304	16.86	ng/ul	97
90) Dibenzo(a,h)anthracene	26.00	278	257766	6.10	ng/ul#	91
91) Benzo(g,h,i)perylene	26.72	276	751767	17.63	ng/ul	98

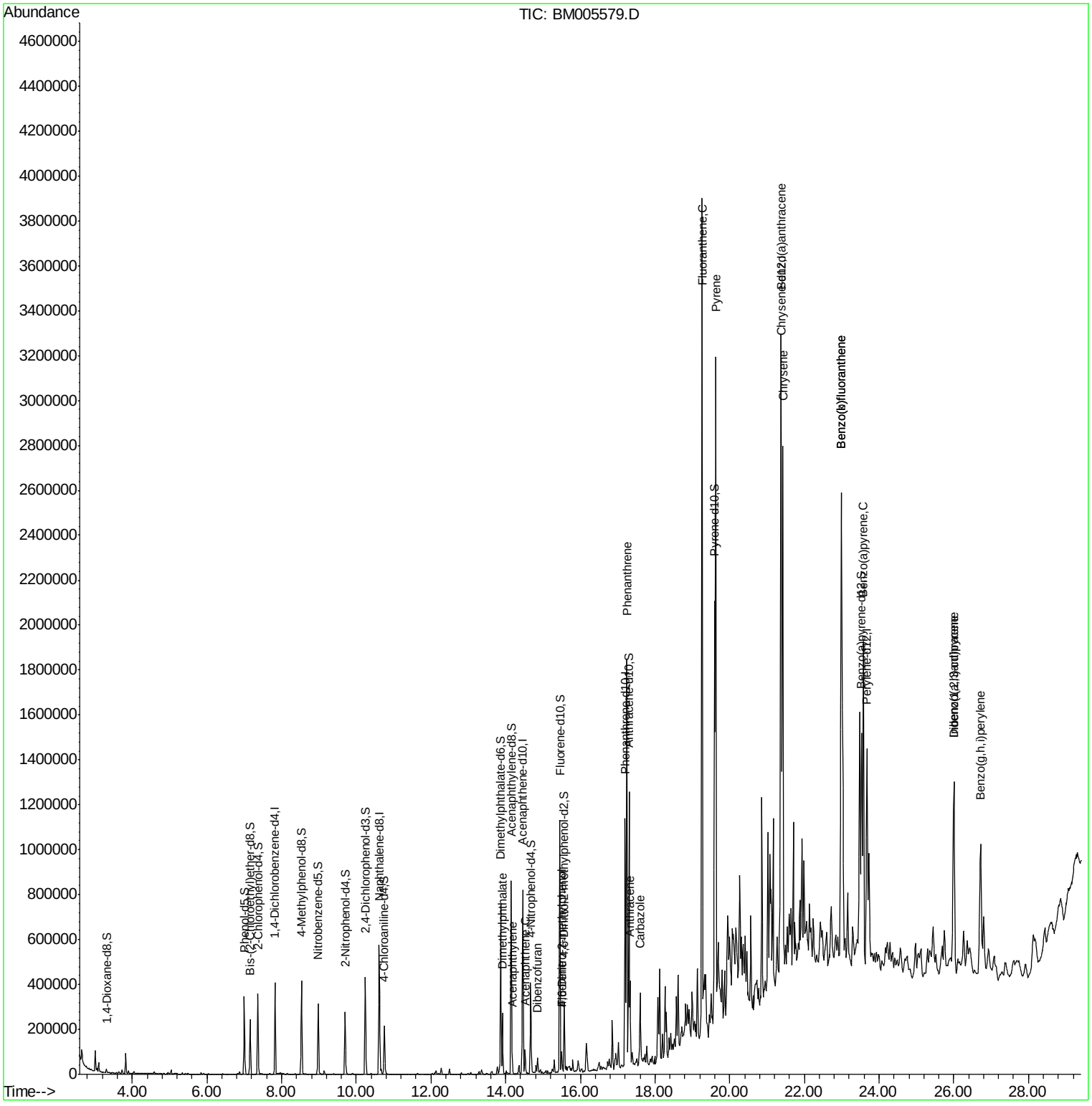
(#) = qualifier out of range (m) = manual integration (+) = signals summed

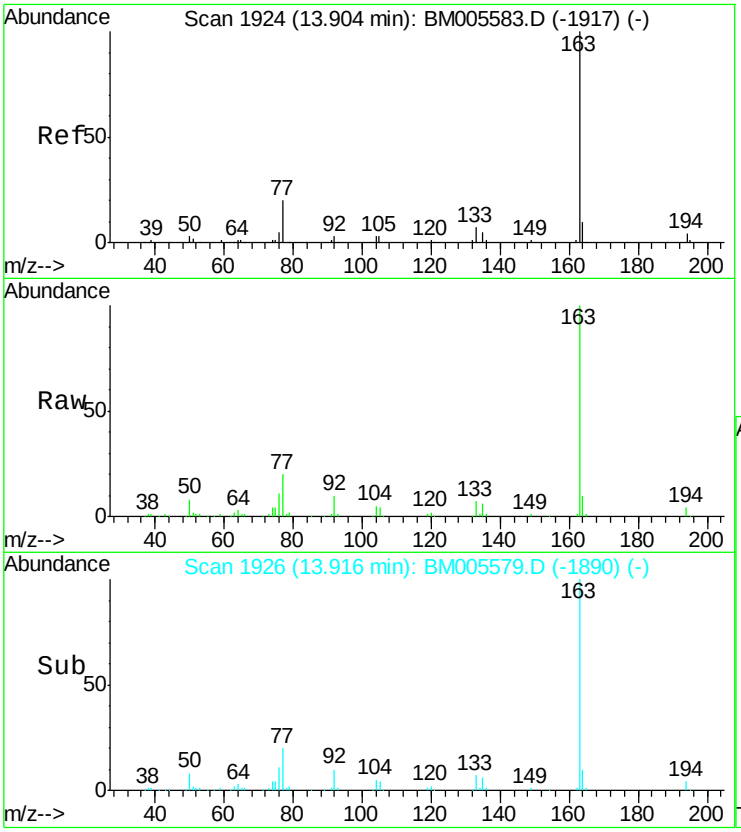
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052116\
Data File : BM005579.D
Acq On : 22 May 2016 08:28
Operator : UM/SJ
Sample : H2890-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 23 07:38:59 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



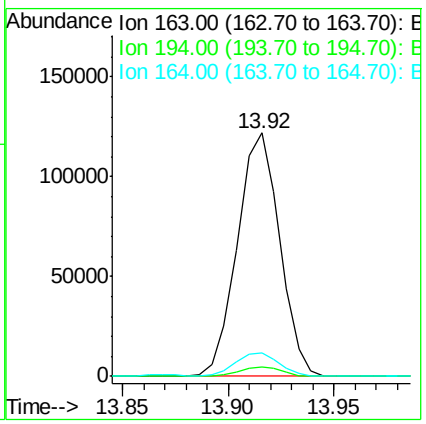


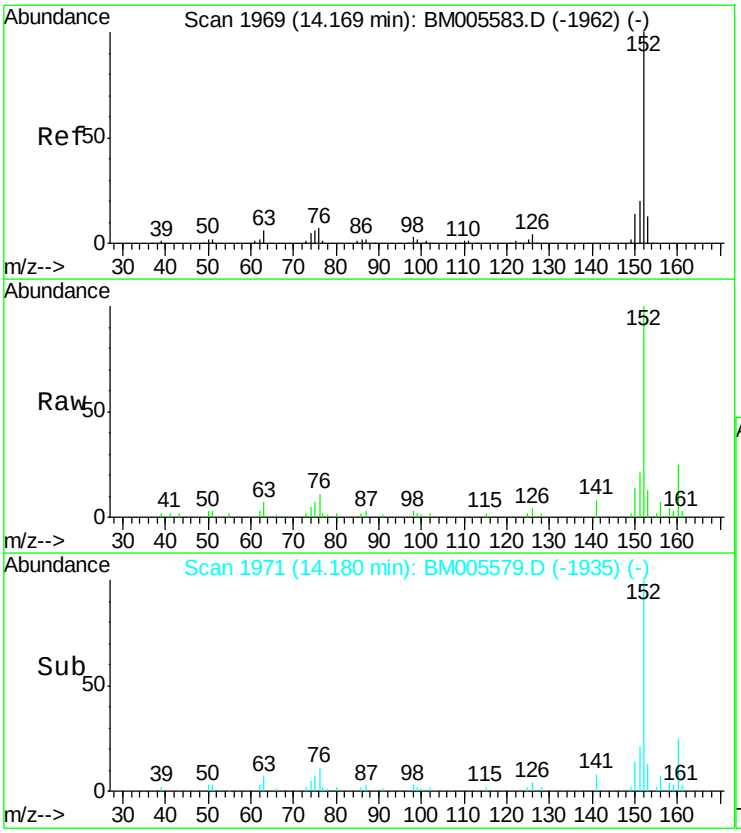
#44
Dimethylphthalate
Concen: 7.60 ng/ul
RT: 13.92 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 169744

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	9.9	8.0	12.0

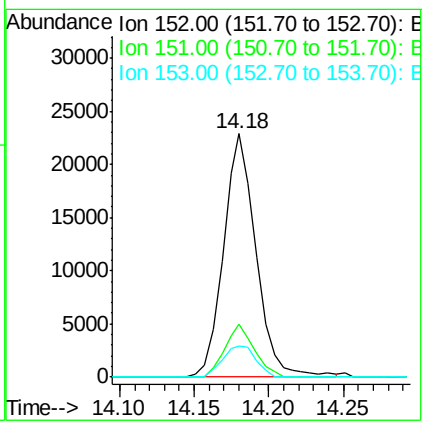


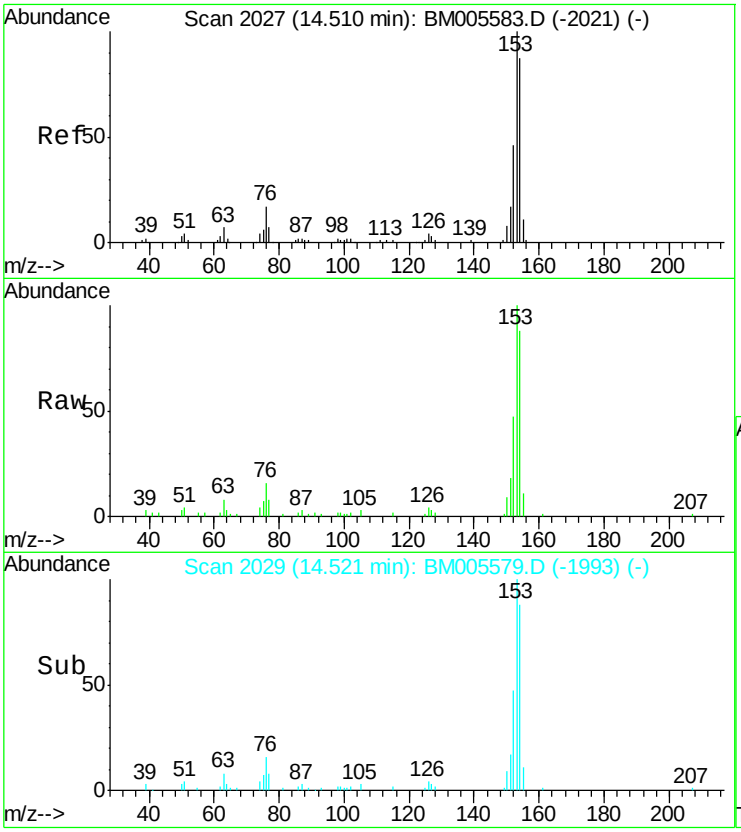


#47
Acenaphthylene
Concen: 1.22 ng/ul
RT: 14.18 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:152 Resp: 34927

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.7	23.5
153	13.0	10.5	15.7



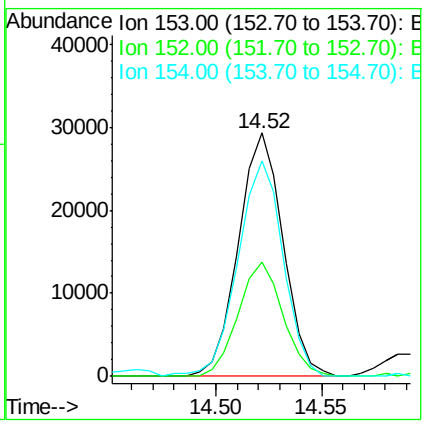


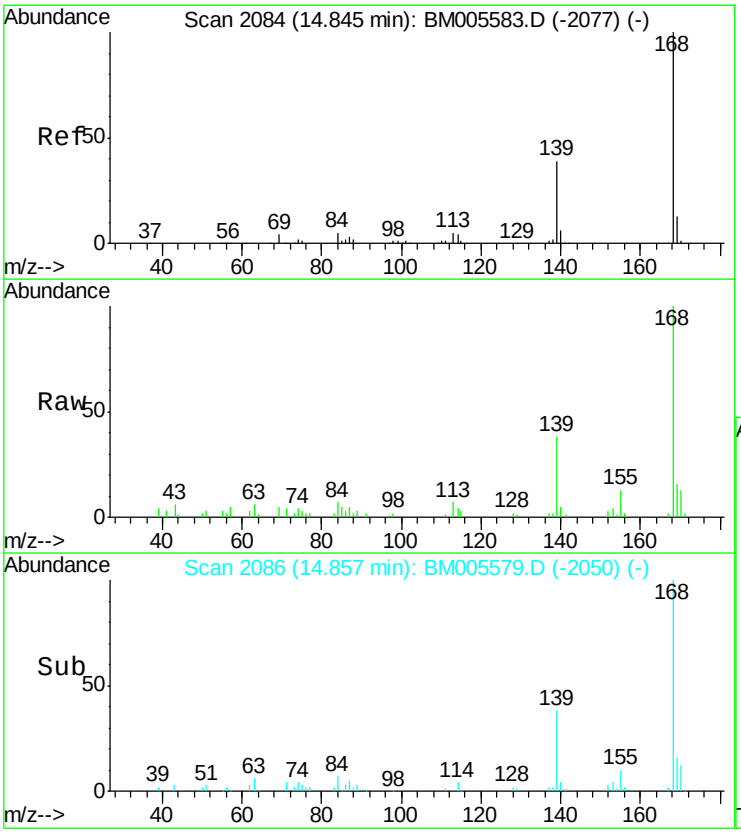
#49
Acenaphthene
Concen: 2.27 ng/ul
RT: 14.52 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 43024

Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.8	56.6
154	88.2	71.1	106.7

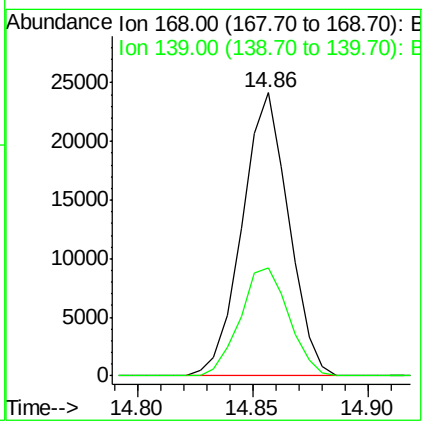


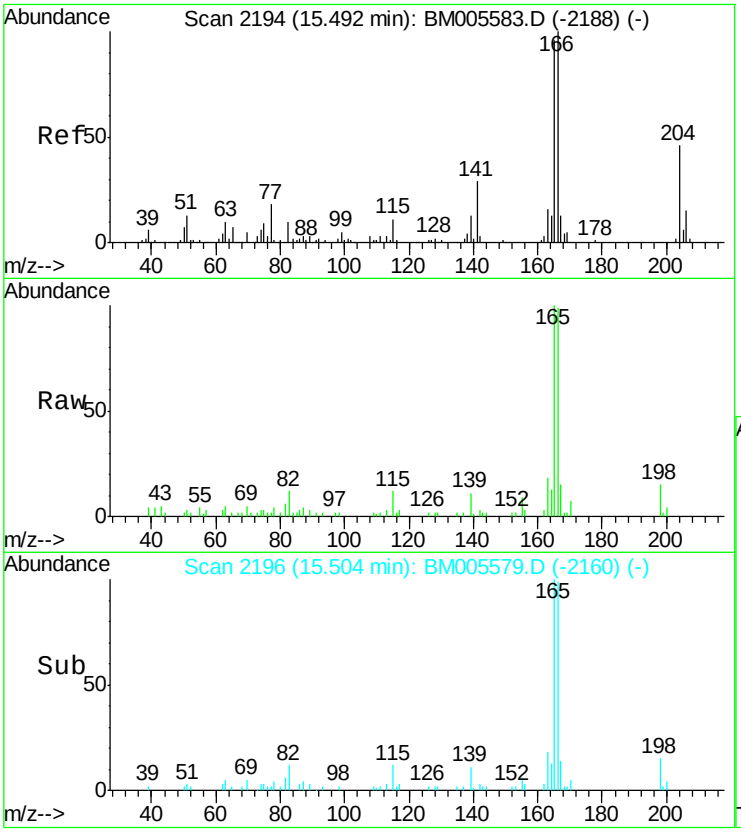


#53
Dibenzofuran
Concen: 1.26 ng/ul
RT: 14.86 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:168 Resp: 33979

Ion	Ratio	Lower	Upper
168	100		
139	38.3	30.6	46.0



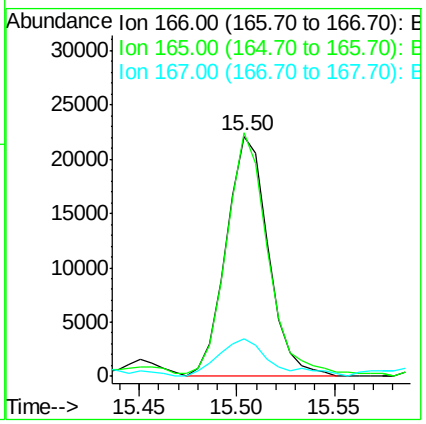


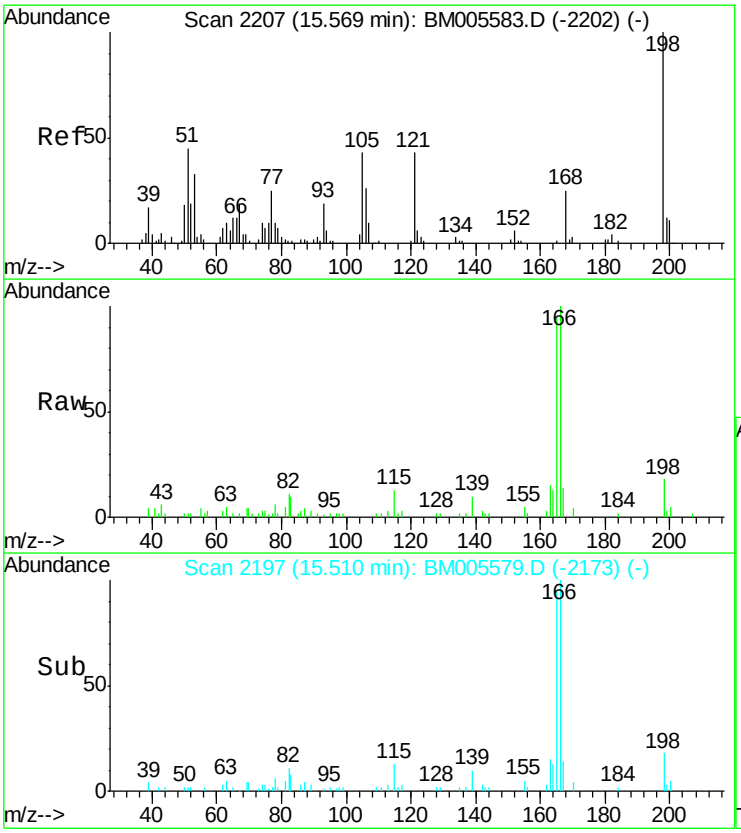
#58
Fluorene
Concen: 1.53 ng/ul
RT: 15.50 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 33048

Ion	Ratio	Lower	Upper
166	100		
165	101.4	78.0	117.0
167	15.6	10.5	15.7

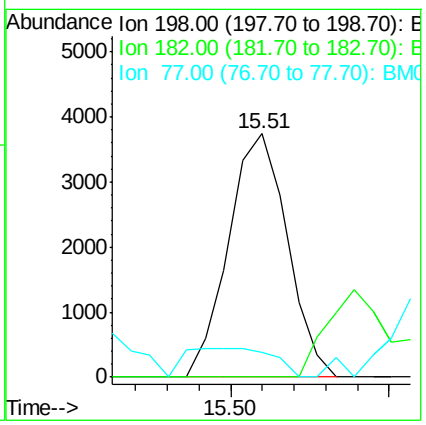


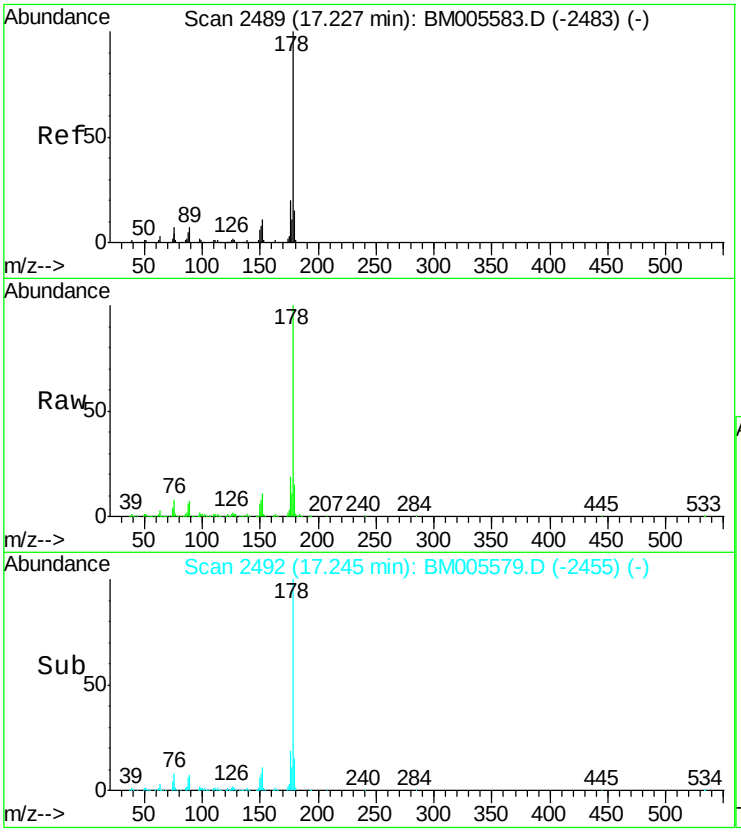


#63
4,6-Dinitro-2-methylphenol
Concen: 1.23 ng/ul
RT: 15.51 min Scan# 2197
Delta R.T. -0.06 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:198 Resp: 4799

Ion	Ratio	Lower	Upper
198	100		
182	0.0	2.5	3.7#
77	10.3	21.8	32.8#



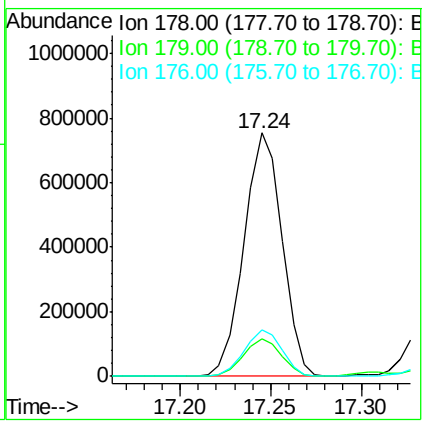


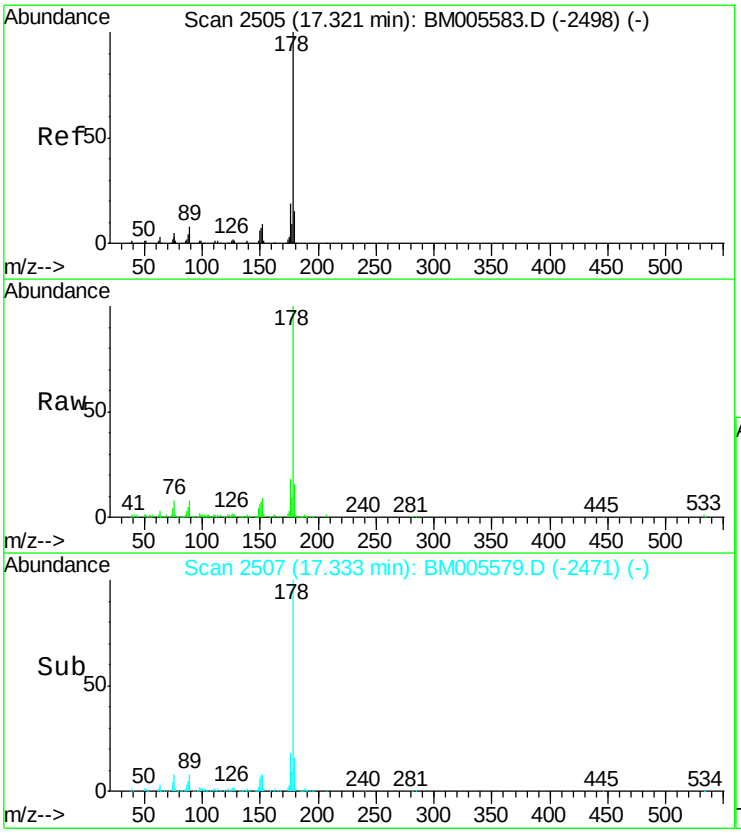
#69
Phenanthrene
Concen: 30.63 ng/ul
RT: 17.24 min Scan# 2492
Delta R.T. 0.02 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1101526

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.0	15.8	23.6

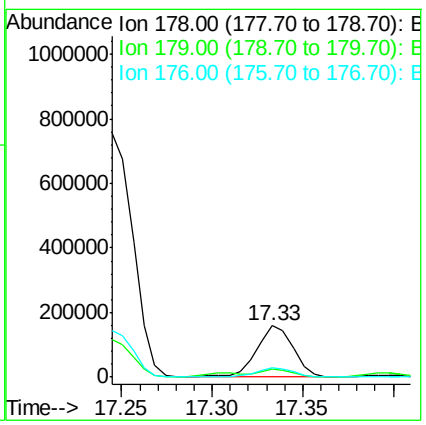


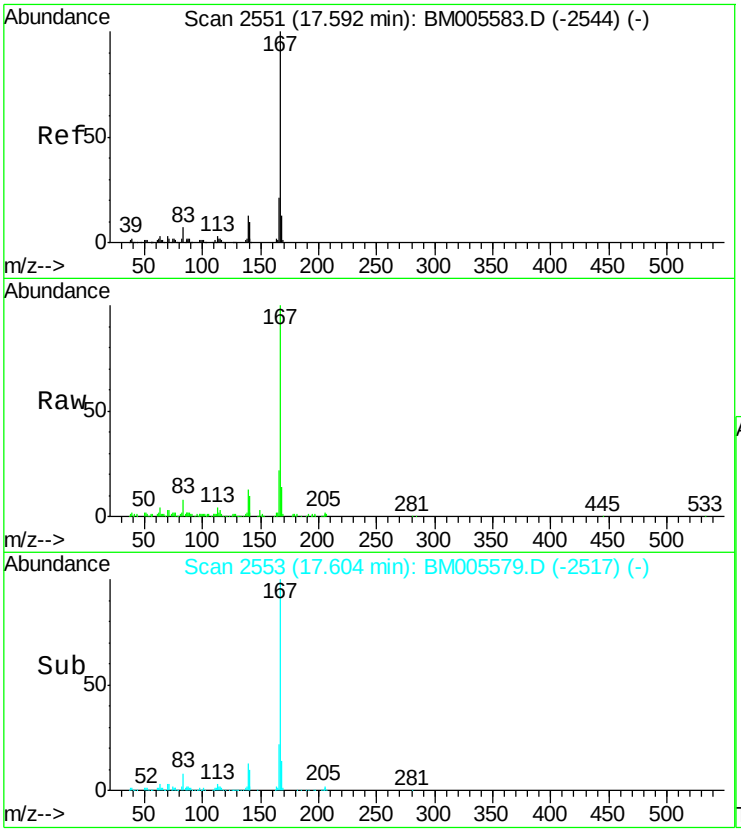


#71
Anthracene
Concen: 6.03 ng/ul
RT: 17.33 min Scan# 2507
Delta R.T. 0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:178 Resp: 220979

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	17.8	15.0	22.4



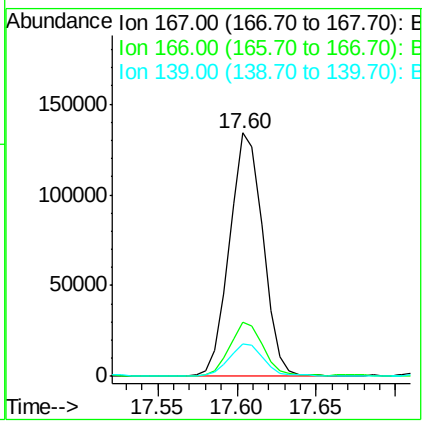


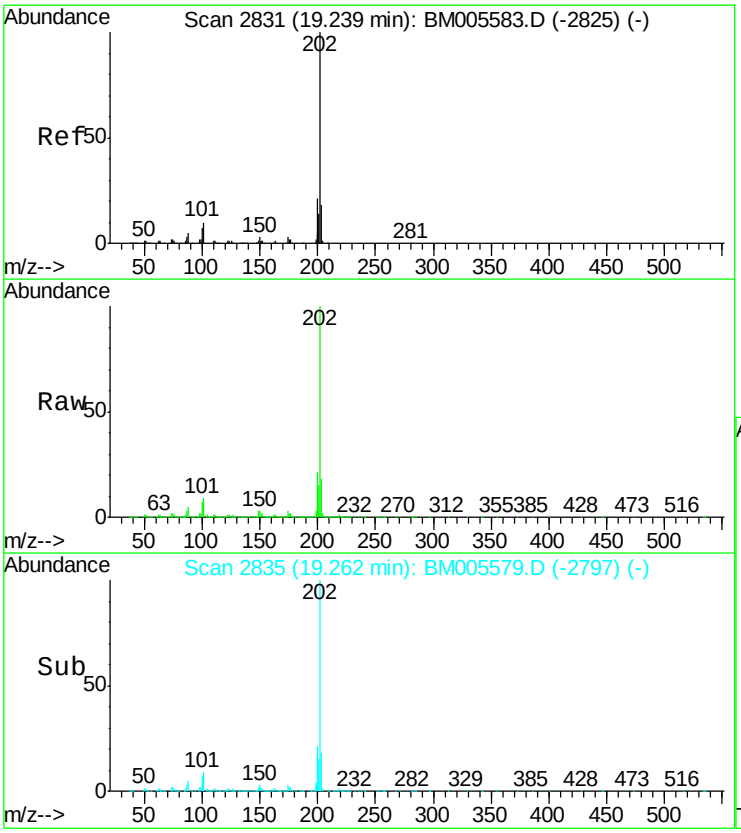
#72
Carbazole
Concen: 6.17 ng/ul
RT: 17.60 min Scan# 2553
Delta R.T. 0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 196372

Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.9	25.3
139	13.1	10.6	16.0

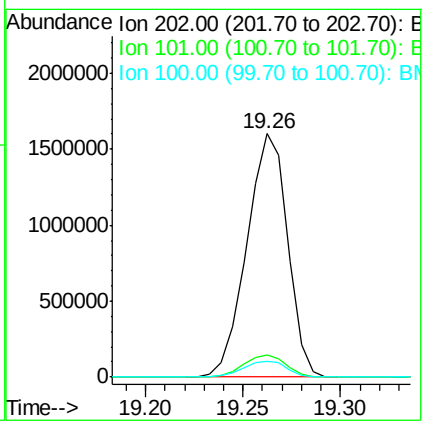


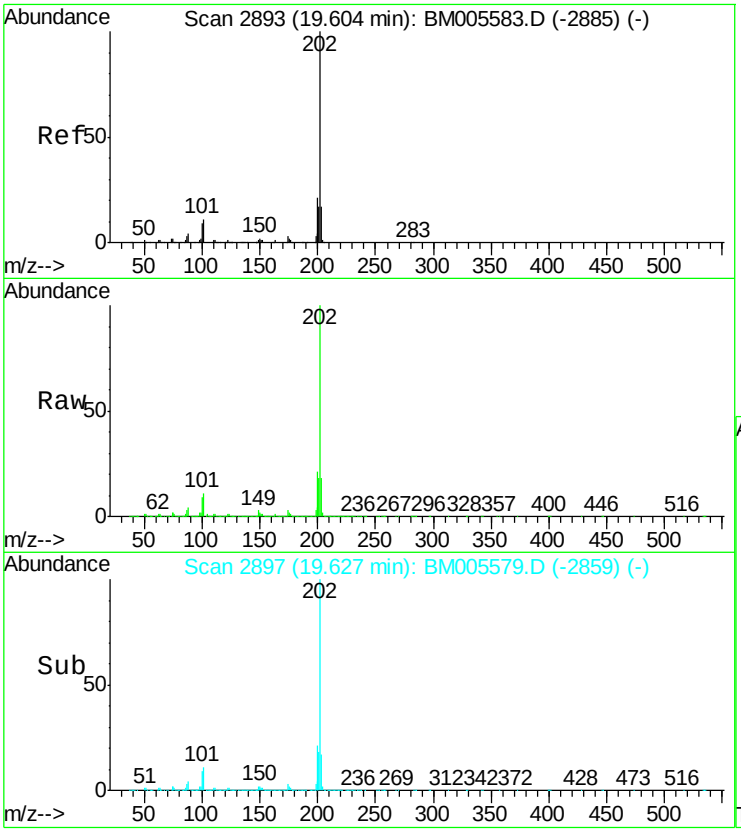


#74
Fluoranthene
Concen: 57.08 ng/ul
RT: 19.26 min Scan# 2835
Delta R.T. 0.02 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:202 Resp: 2310498

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.9	11.9
100	6.7	5.6	8.4



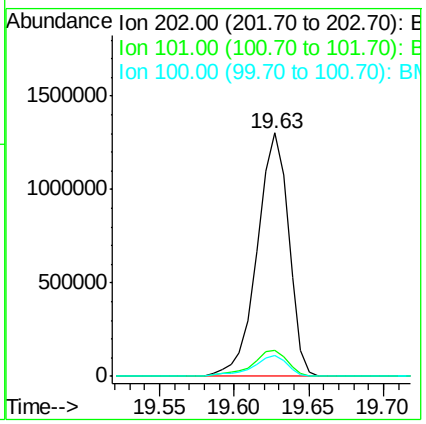


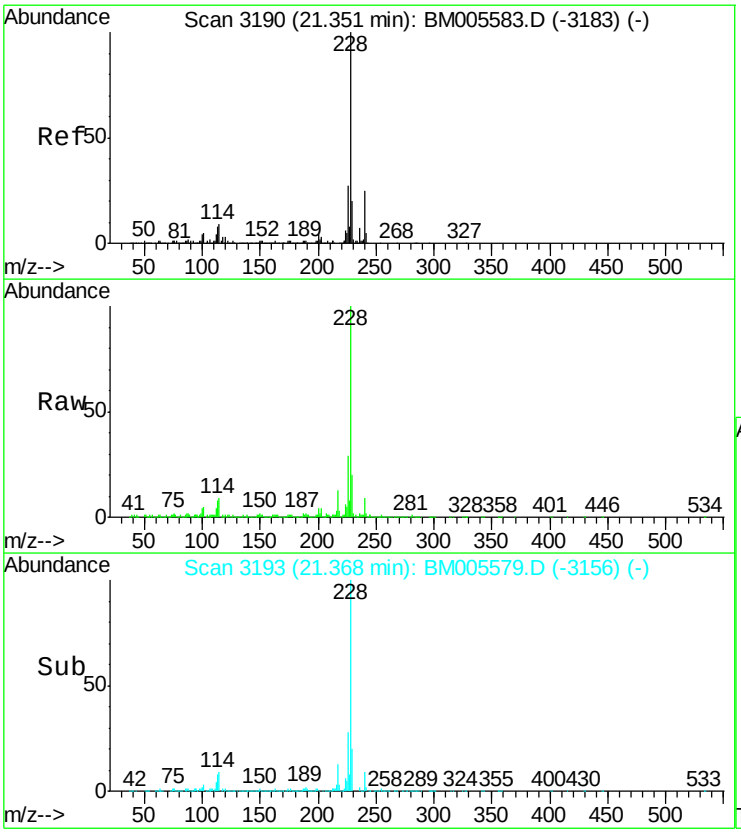
#77
Pyrene
Concen: 49.17 ng/ul
RT: 19.63 min Scan# 2897
Delta R.T. 0.02 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1900627

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.6	14.4
100	8.7	7.8	11.6

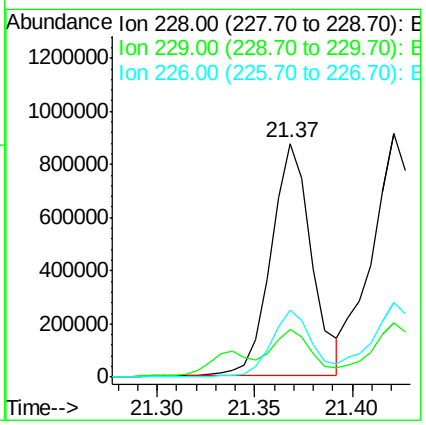


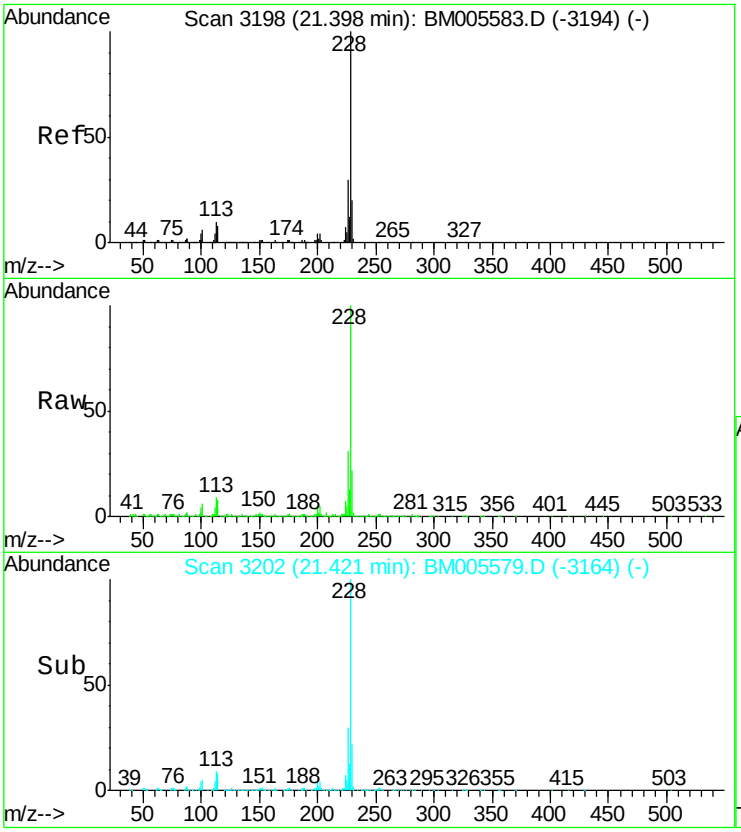


#80
Benzo(a)anthracene
Concen: 31.98 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.02 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:228 Resp: 1263849

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.2
226	28.6	21.0	31.4



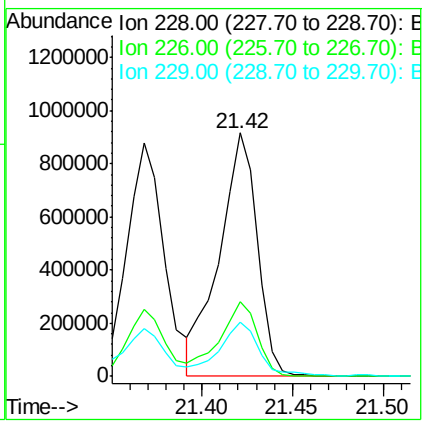


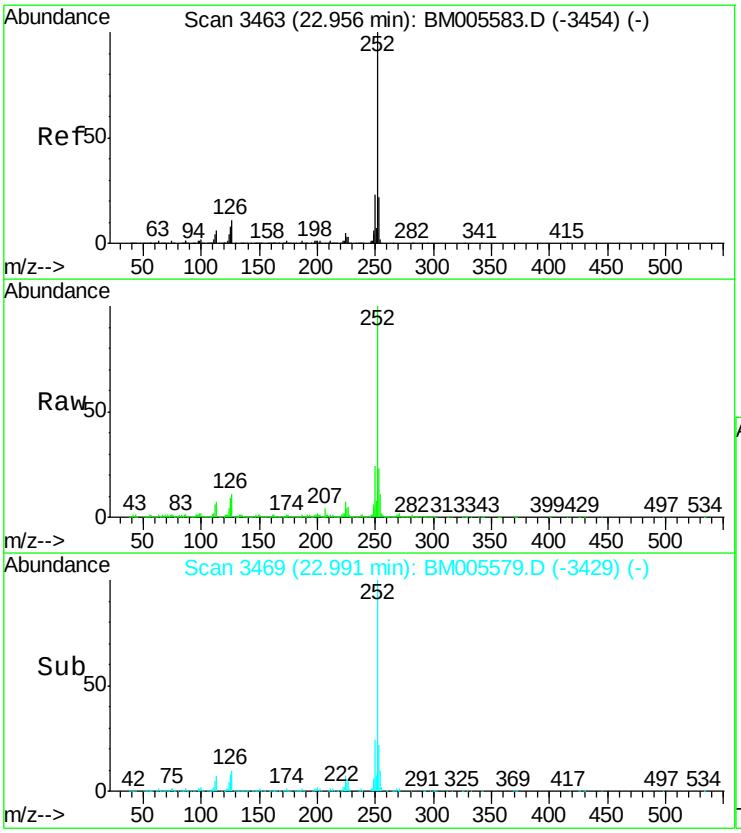
#82
Chrysene
Concen: 35.31 ng/ul
RT: 21.42 min Scan# 3202
Delta R.T. 0.02 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1327647

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.7	35.5
229	22.5	15.5	23.3

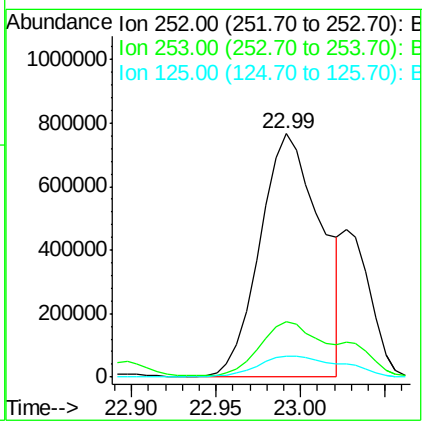


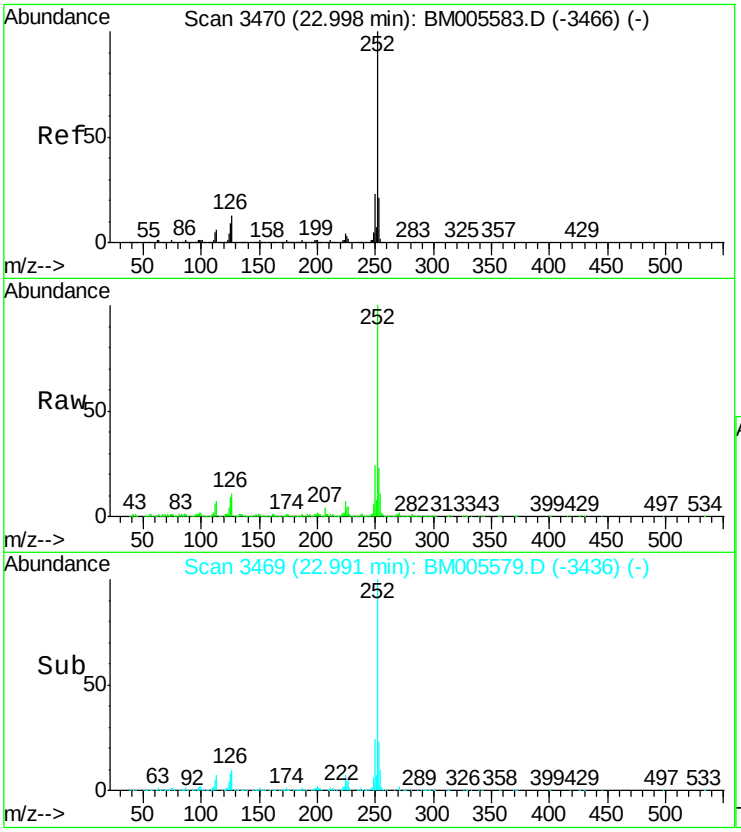


#85
Benzo(b)fluoranthene
Concen: 43.55 ng/ul
RT: 22.99 min Scan# 3469
Delta R.T. 0.04 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:252 Resp: 1917648

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	8.6	7.0	10.4



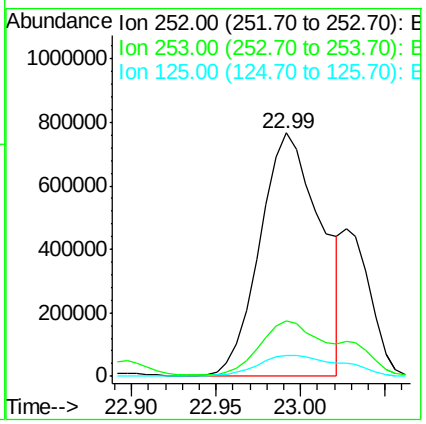


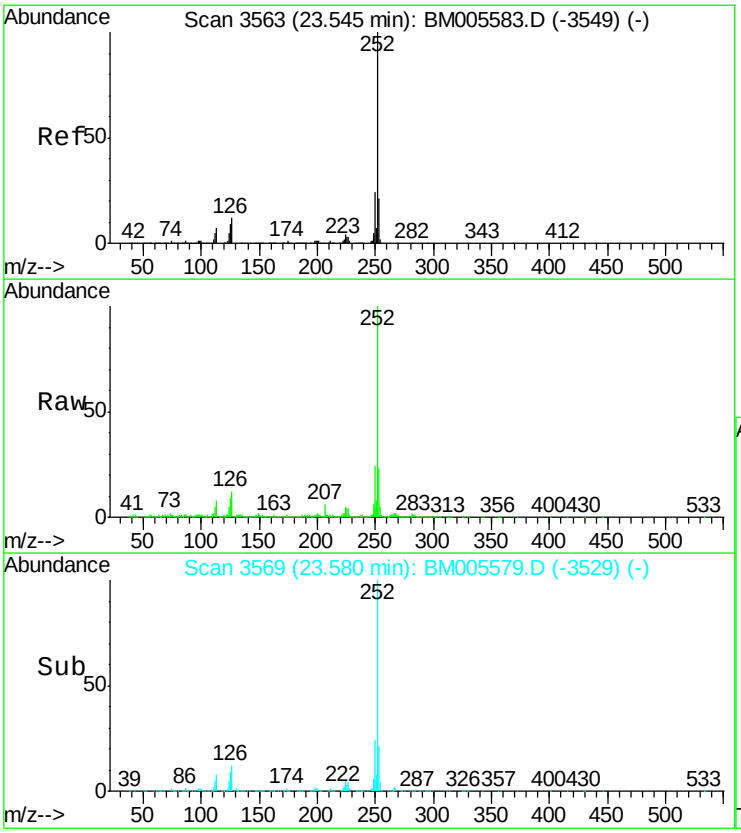
#86
Benzo(k)fluoranthene
Concen: 46.01 ng/ul
RT: 22.99 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1917648

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	8.6	7.0	10.6

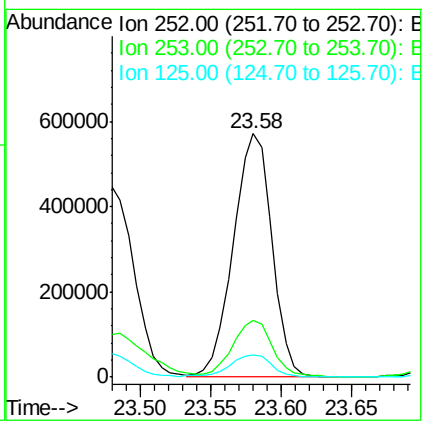


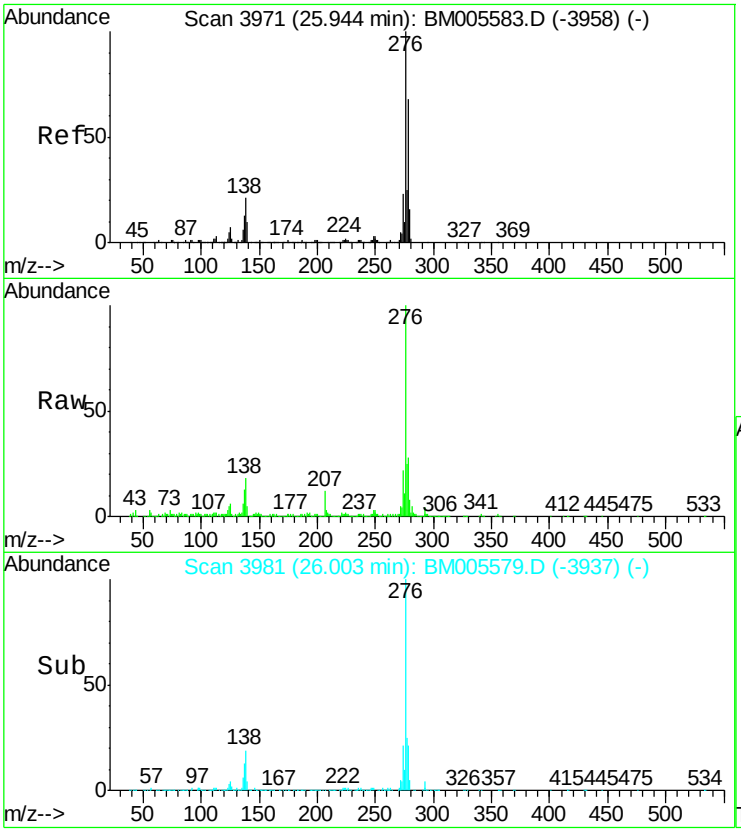


#88
Benzo(a)pyrene
Concen: 25.45 ng/ul
RT: 23.58 min Scan# 3569
Delta R.T. 0.04 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:252 Resp: 1086864

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	9.3	7.6	11.4



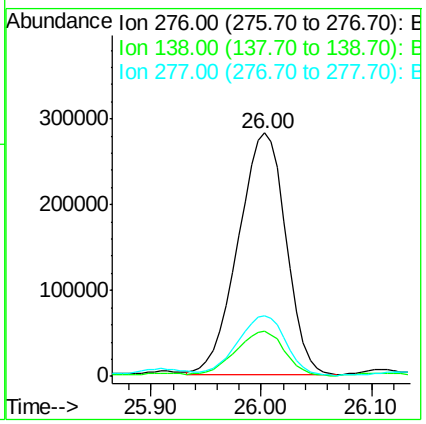


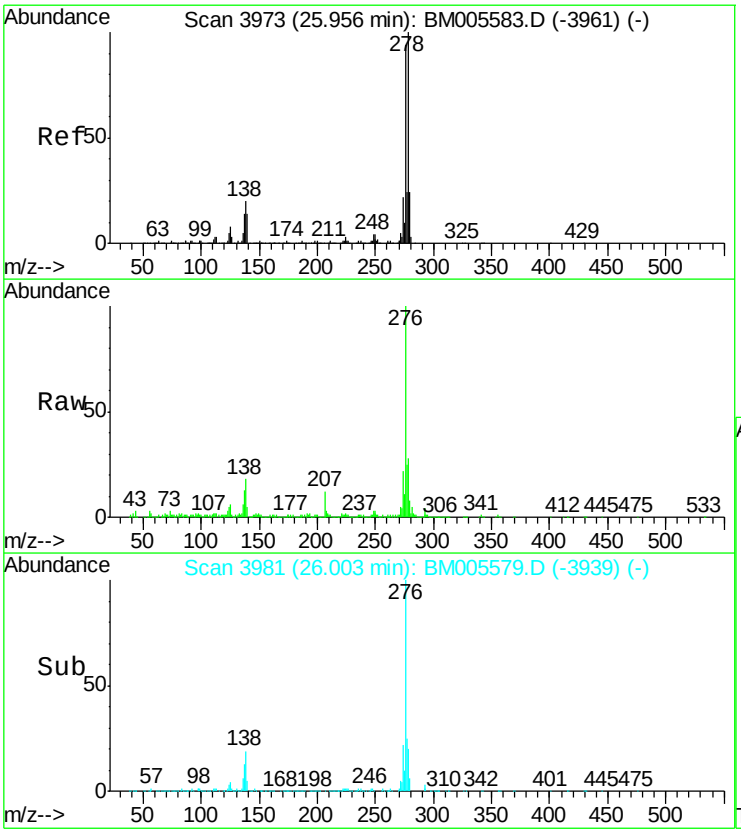
#89
Indeno(1,2,3-cd)pyrene
Concen: 16.86 ng/ul
RT: 26.00 min Scan# 3981
Delta R.T. 0.06 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 855304

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.9	25.3
277	25.1	20.2	30.4

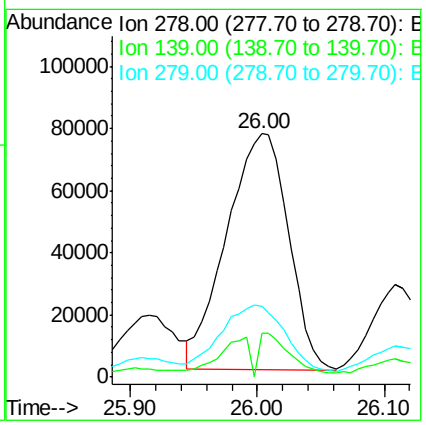


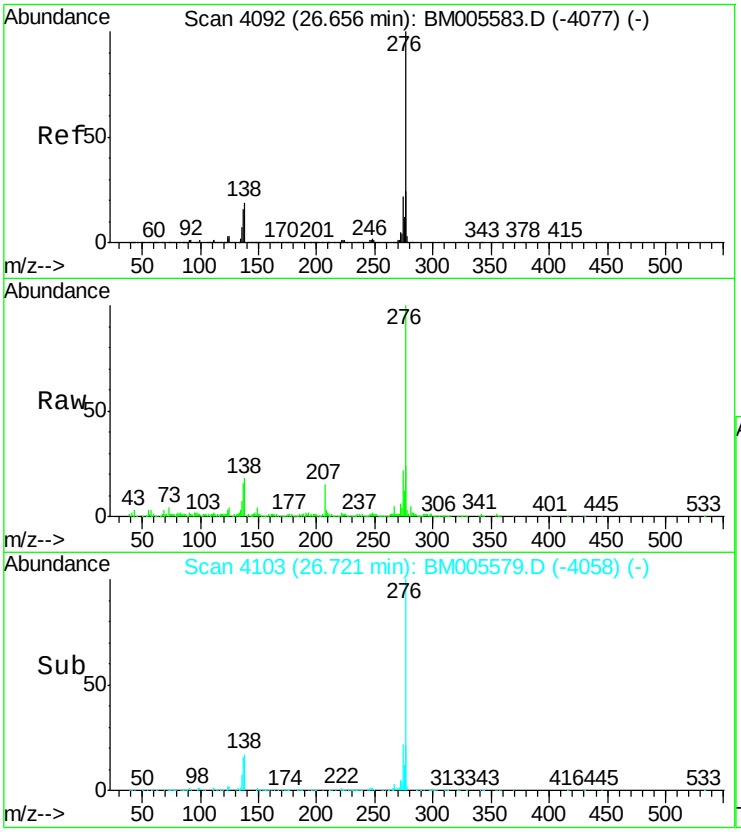


#90
Dibenzo(a,h)anthracene
Concen: 6.10 ng/ul
RT: 26.00 min Scan# 3981
Delta R.T. 0.05 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Tgt Ion:278 Resp: 257766

Ion	Ratio	Lower	Upper
278	100		
139	17.9	11.8	17.6#
279	28.8	19.4	29.2





#91
Benzo(g,h,i)perylene
Concen: 17.63 ng/ul
RT: 26.72 min Scan# 4103
Delta R.T. 0.06 min
Lab File: BM005579.D
Acq: 22 May 2016 08:28

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 751767

Ion	Ratio	Lower	Upper
276	100		
138	17.7	15.0	22.6
277	24.0	18.6	28.0