Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010681.D
Acq On : 23 Jun 2017 03:56
Operator : SJ/JU
Sample : I3625-19 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 23 07:06:10 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : F5A01DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	82440	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	374341	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	262091	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	639157	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	707428	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	543523	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	1184	0.82	ng/uL	0.00
5) Phenol-d5	6.65	99	34986	4.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	20287	4.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	26950	4.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	31655	4.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	13940	5.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	16006	5.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	35619	5.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	40704	5.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	130118	5.66	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	141430	5.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	14894	3.68	ng/ul	-0.01
57) Fluorene-d10	15.11	176	110450	5.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	15624	3.98	ng/ul	0.00
70) Anthracene-d10	16.96	188	178753m	5.79	ng/ul	0.00
76) Pyrene-d10	19.27	212	207567	6.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	154199	5.87	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.58	163	40846	1.811	ng/ul#	98
49) Acenaphthene	14.17	153	26426	1.537	ng/ul	88
58) Fluorene	15.17	166	34976	1.604	ng/ul	96
69) Phenanthrene	16.91	178	722750	21.270	ng/ul	99
71) Anthracene	17.00	178	106079	3.030	ng/ul	97
72) Carbazole	17.27	167	68715	2.250	ng/ul	95
74) Fluoranthene	18.94	202	1002418	22.890	ng/ul	97
77) Pyrene	19.30	202	822586	20.131	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	412920	10.023	ng/ul	97
82) Chrysene	21.11	228	419638	11.425	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	436132	12.361	ng/ul	100
86) Benzo(k)fluoranthene	22.63	252	141460m	4.229	ng/ul	
88) Benzo(a)pyrene	23.13	252	261841	8.061	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	141931	4.213	ng/ul	99
90) Dibenzo(a,h)anthracene	25.34	278	39674m	1.413	ng/ul	
91) Benzo(g,h,i)perylene	25.98	276	102860	3.836	ng/ul	94

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

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Instrument :
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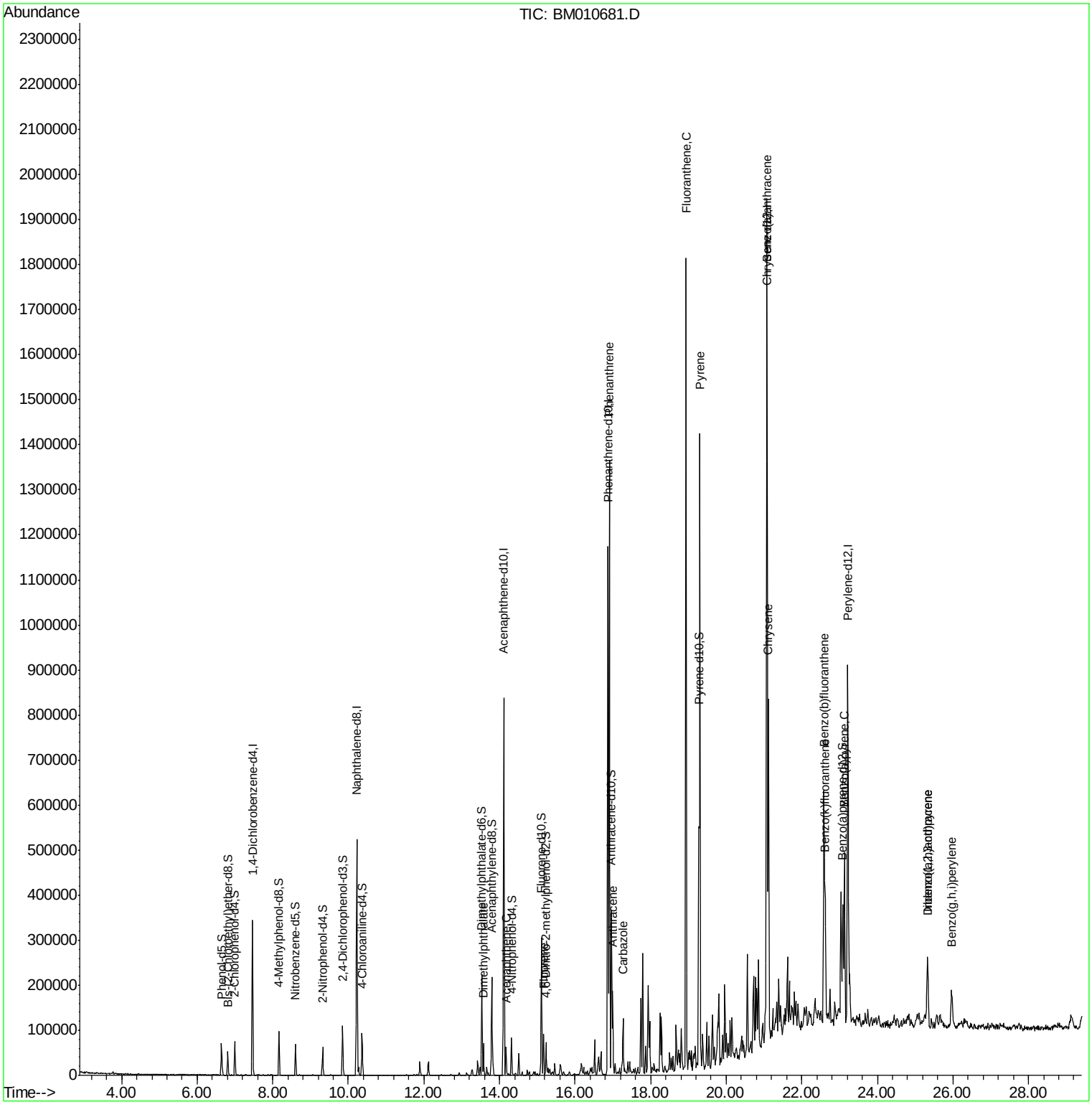
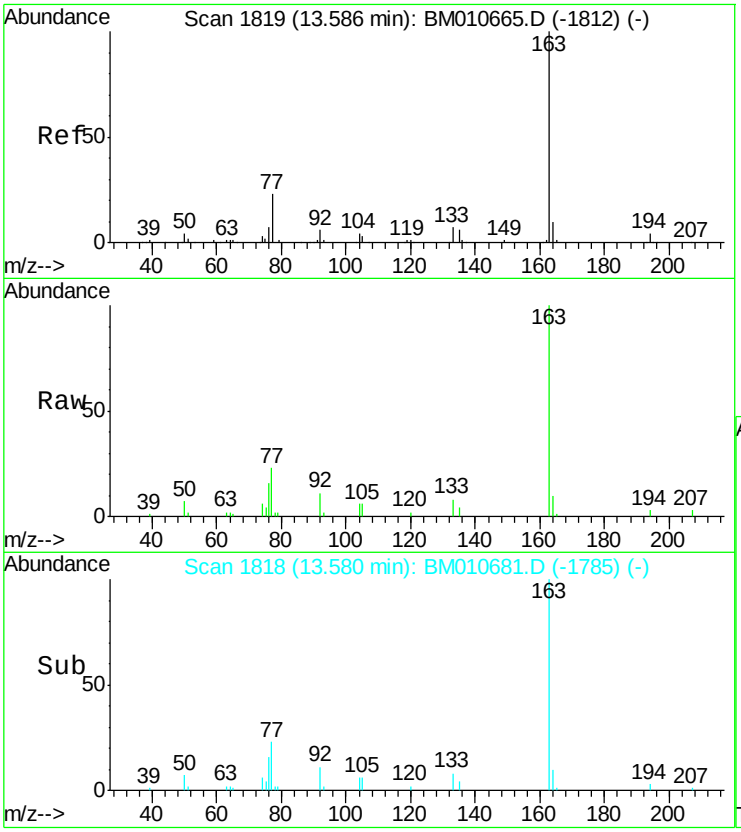
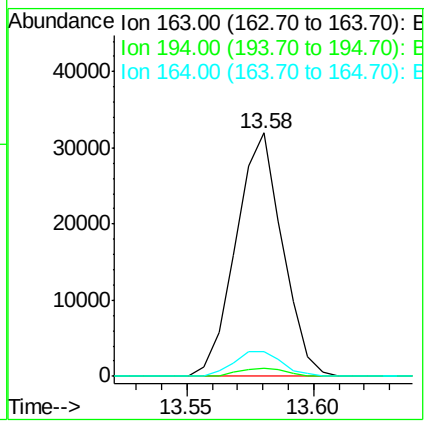




#44
Dimethylphthalate
Concen: 1.811 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:163 Resp: 40846

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.5	5.3#
164	10.0	8.2	12.4



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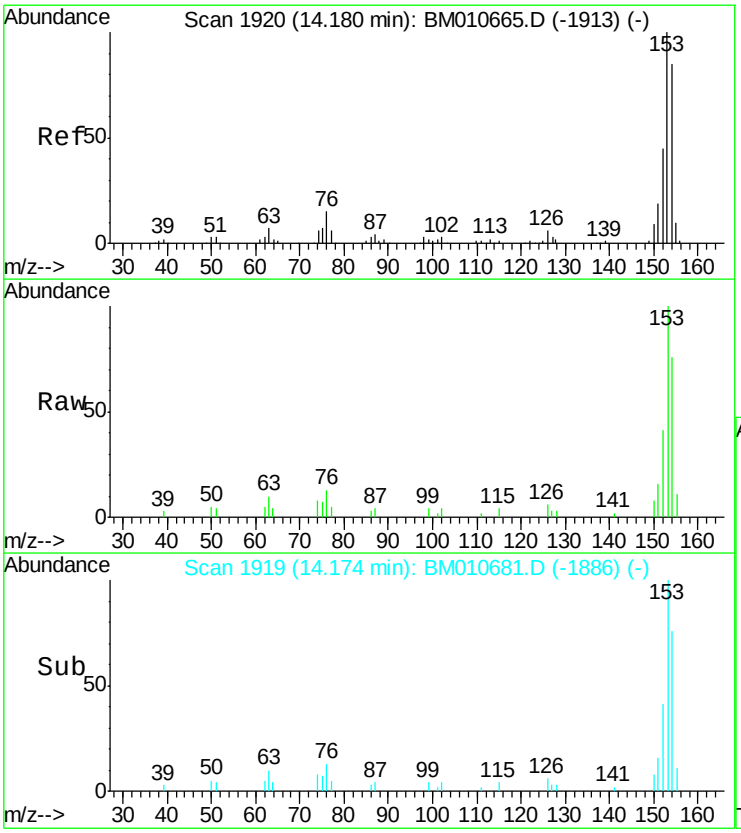
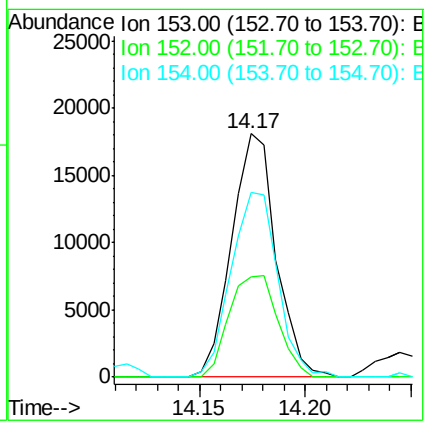
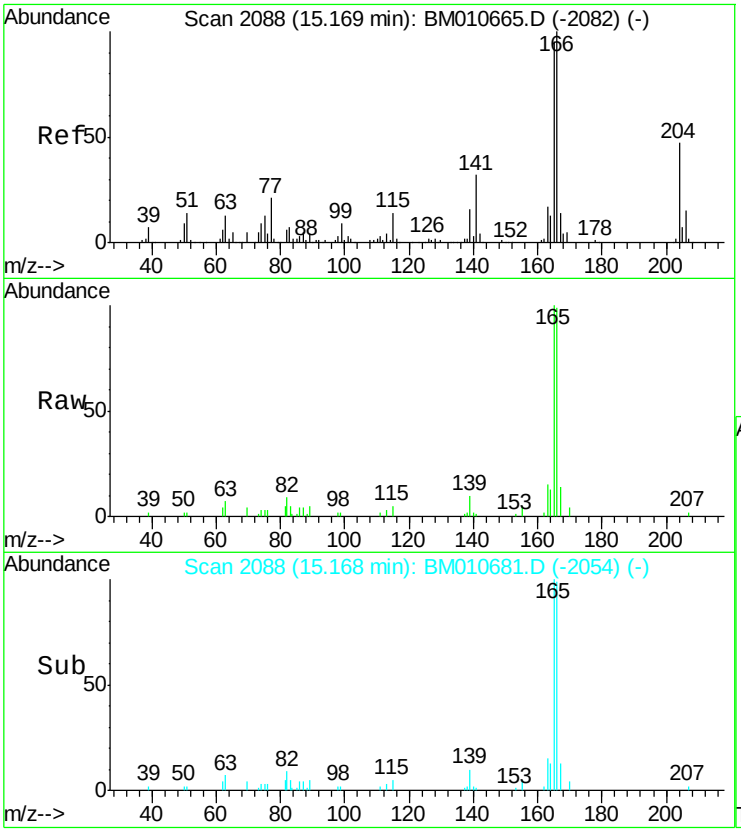


#49
Acenaphthene
Concen: 1.537 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:153 Resp: 26426

Ion	Ratio	Lower	Upper
153	100		
152	41.1	37.6	56.4
154	75.8	70.4	105.6

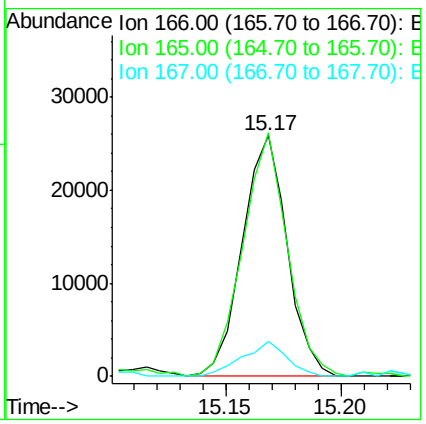




#58
Fluorene
Concen: 1.604 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:166 Resp: 34976

Ion	Ratio	Lower	Upper
166	100		
165	101.1	77.9	116.9
167	14.5	10.6	16.0



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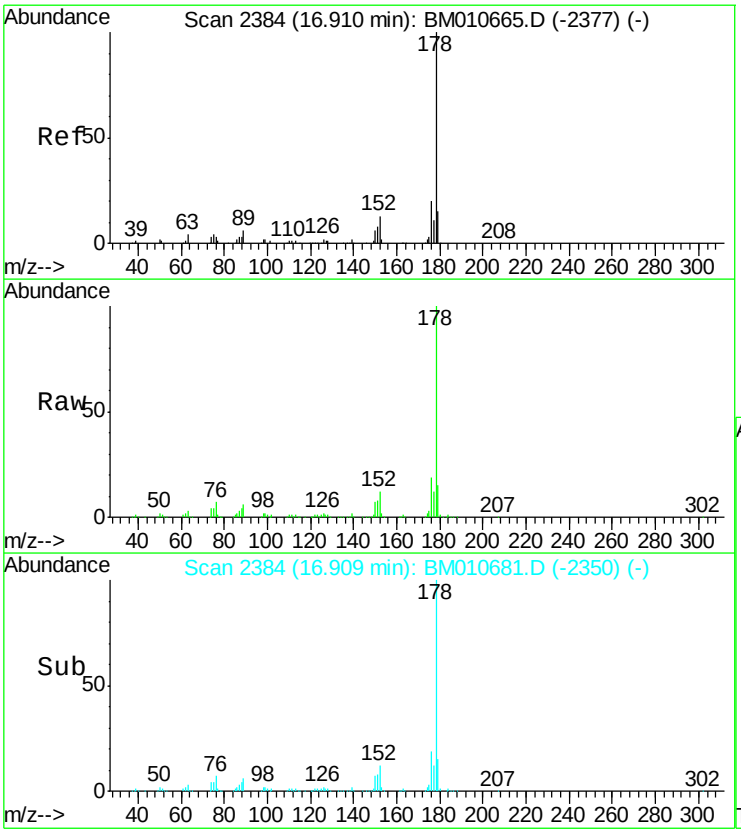
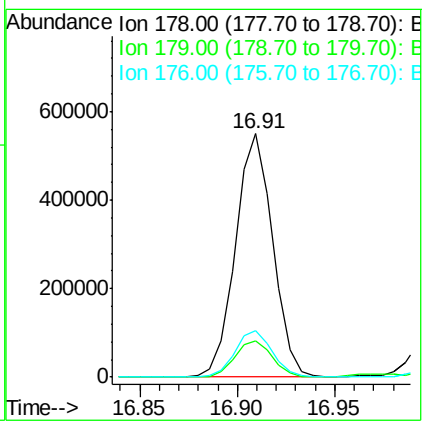
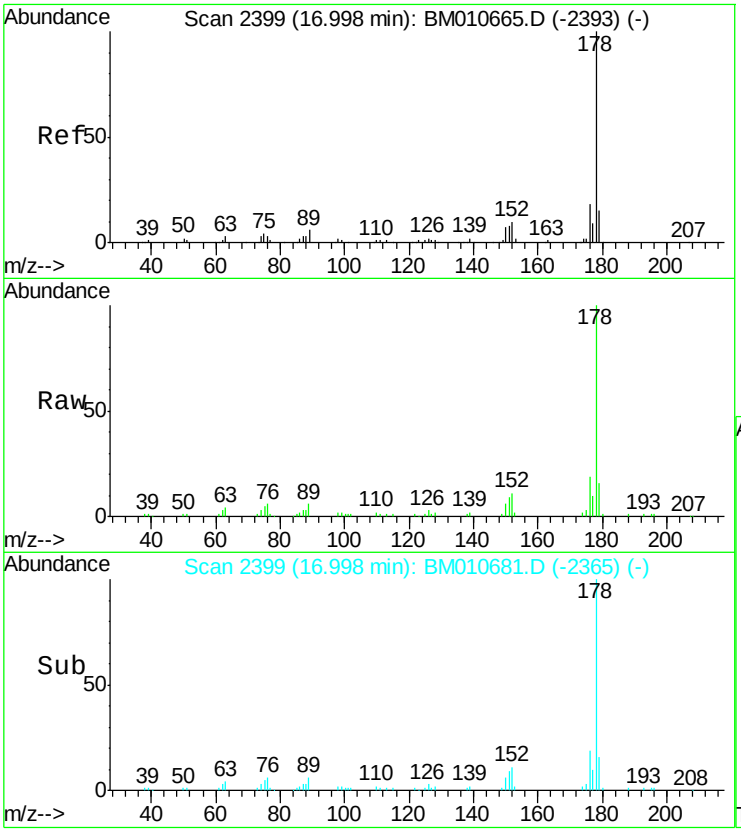


#69
Phenanthrene
Concen: 21.270 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:178 Resp: 722750

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.2	14.9	22.3

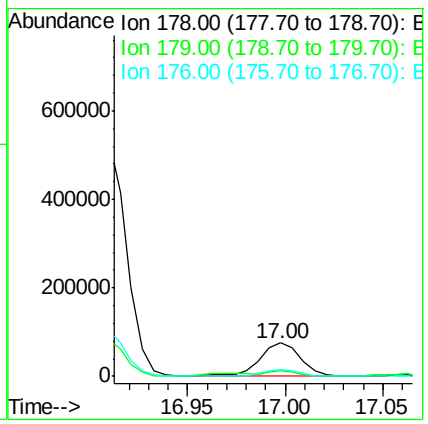




#71
Anthracene
Concen: 3.030 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:178 Resp: 106079

Ion	Ratio	Lower	Upper
178	100		
179	16.4	11.7	17.5
176	19.1	14.6	21.8



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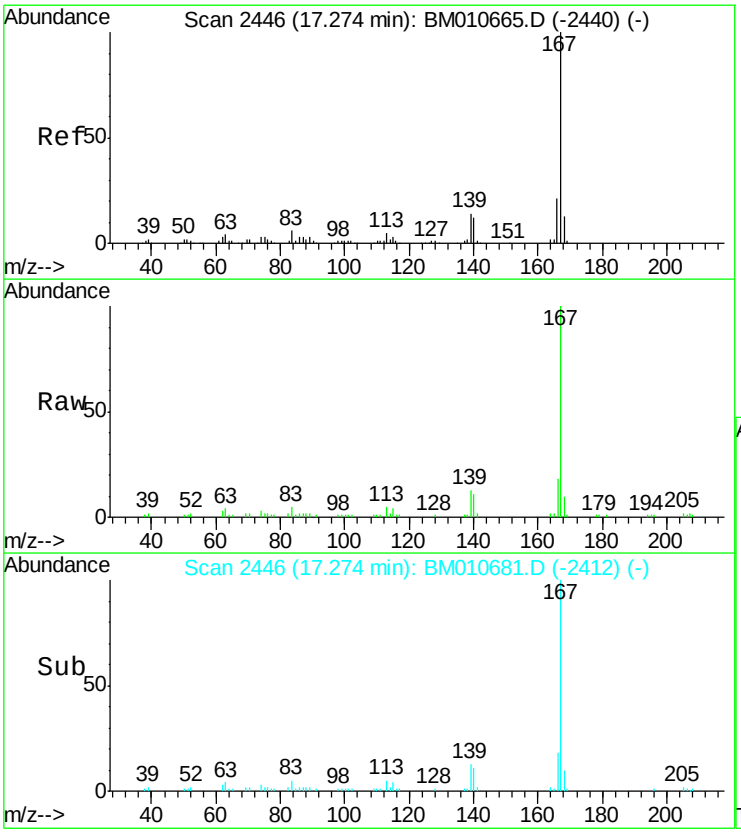
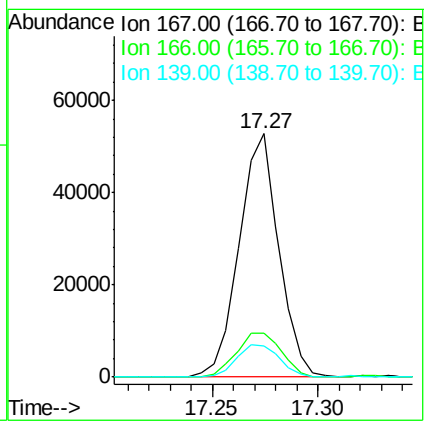
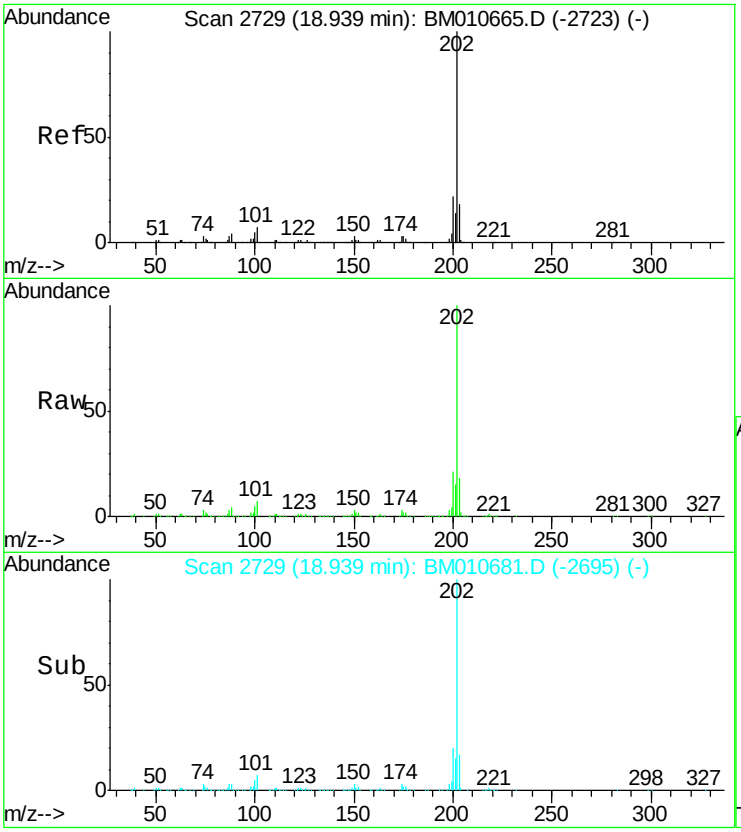


#72
Carbazole
Concen: 2.250 ng/ul
RT: 17.27 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:167 Resp: 68715

Ion	Ratio	Lower	Upper
167	100		
166	18.2	17.1	25.7
139	12.9	10.0	15.0

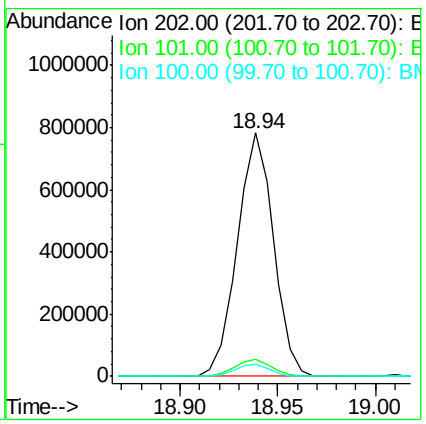




#74
Fluoranthene
Concen: 22.890 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:202 Resp: 1002418

Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.6	7.0
100	4.9	3.4	5.2



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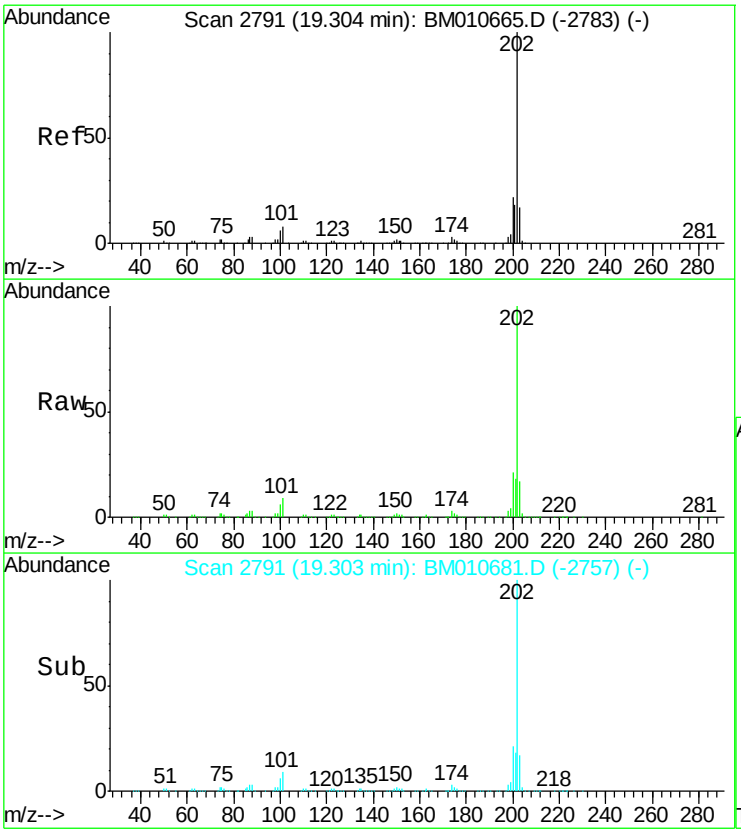
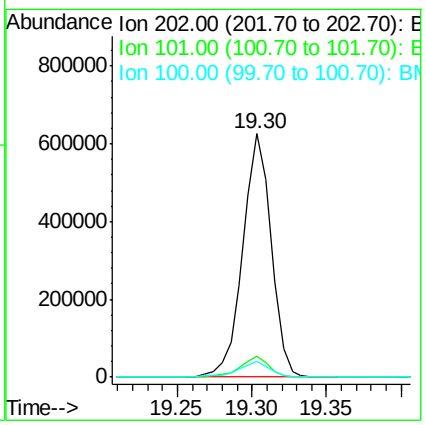
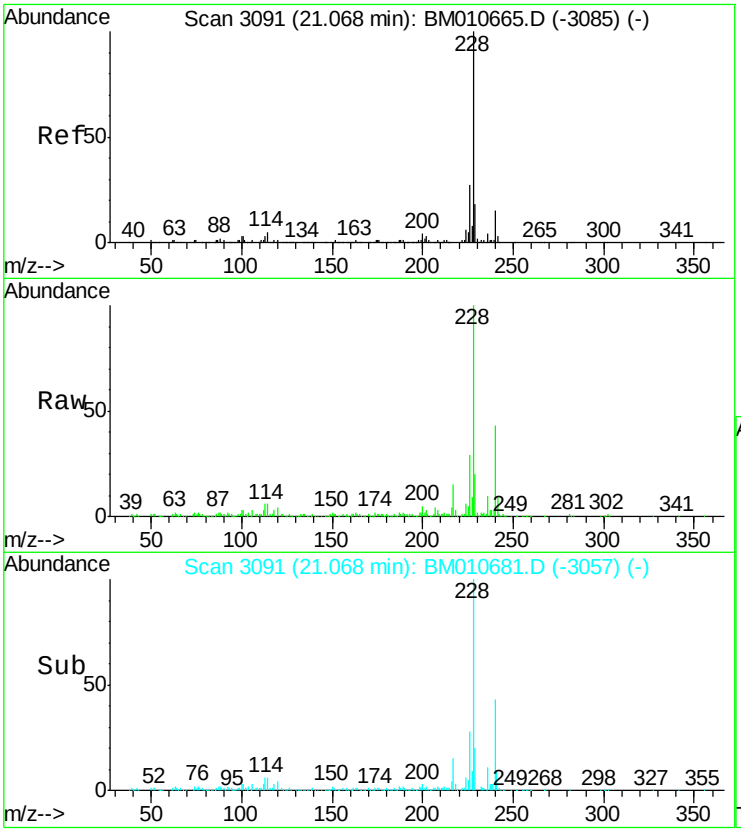


#77
Pyrene
Concen: 20.131 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:202 Resp: 822586

Ion	Ratio	Lower	Upper
202	100		
101	8.8	5.1	7.7#
100	6.2	4.9	7.3

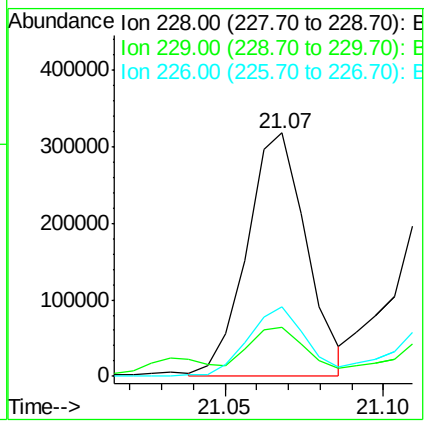




#80
Benzo(a)anthracene
Concen: 10.023 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:228 Resp: 412920

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.6	21.4	32.0



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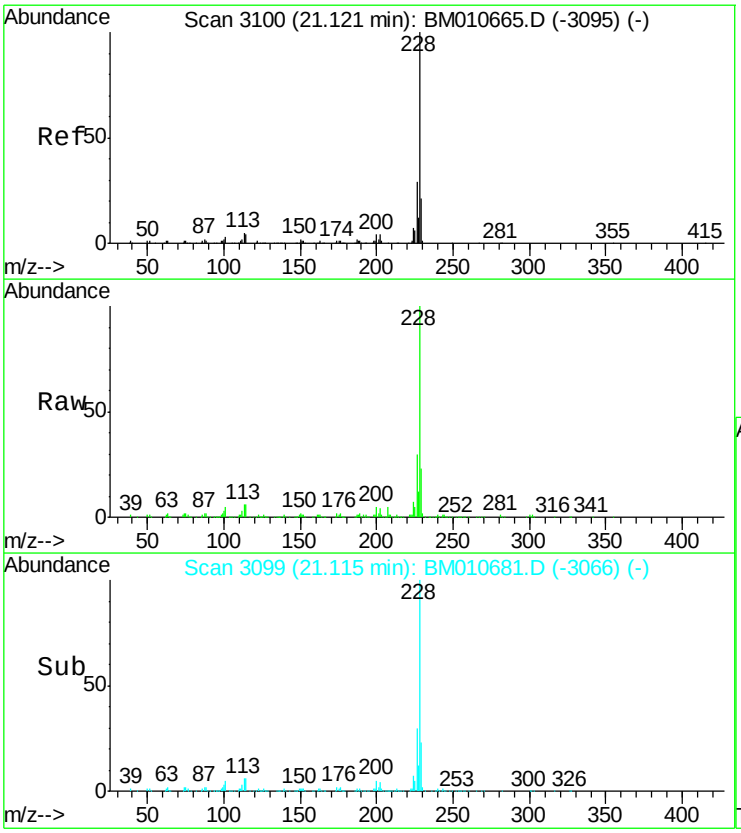
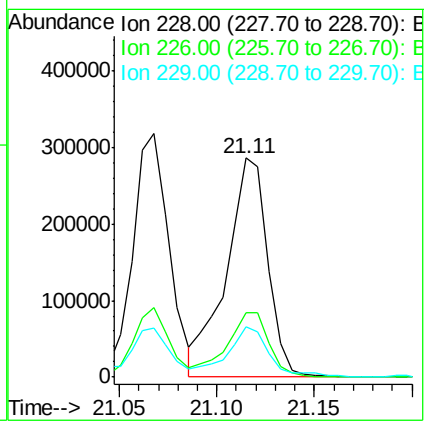
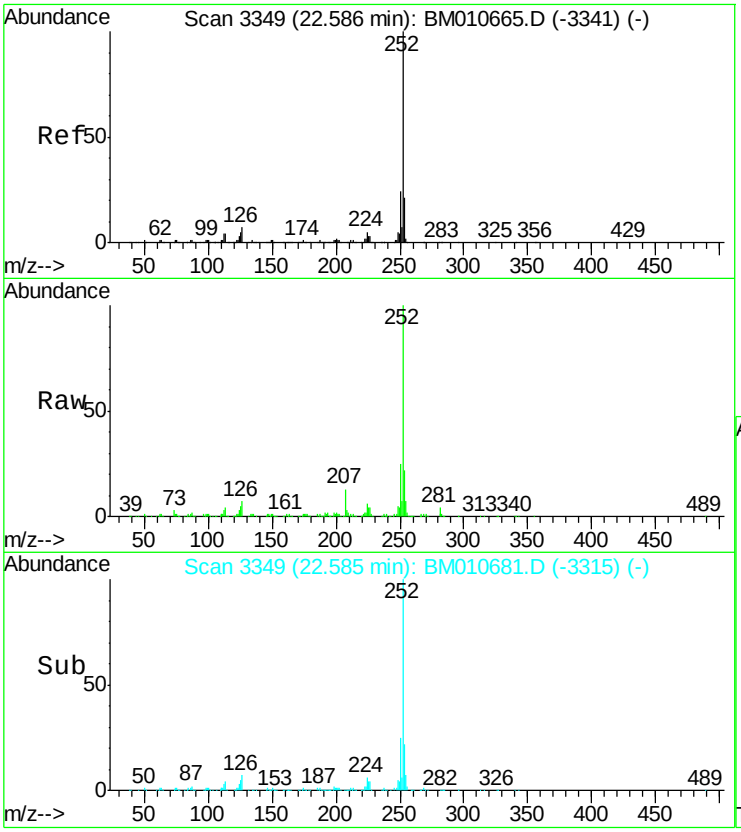


#82
Chrysene
Concen: 11.425 ng/ul
RT: 21.11 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:228 Resp: 419638

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.9	15.5	23.3

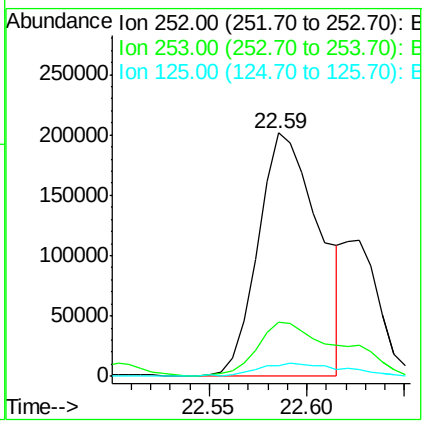




#85
Benzo(b)fluoranthene
Concen: 12.361 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:252 Resp: 436132

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	4.5	3.6	5.4



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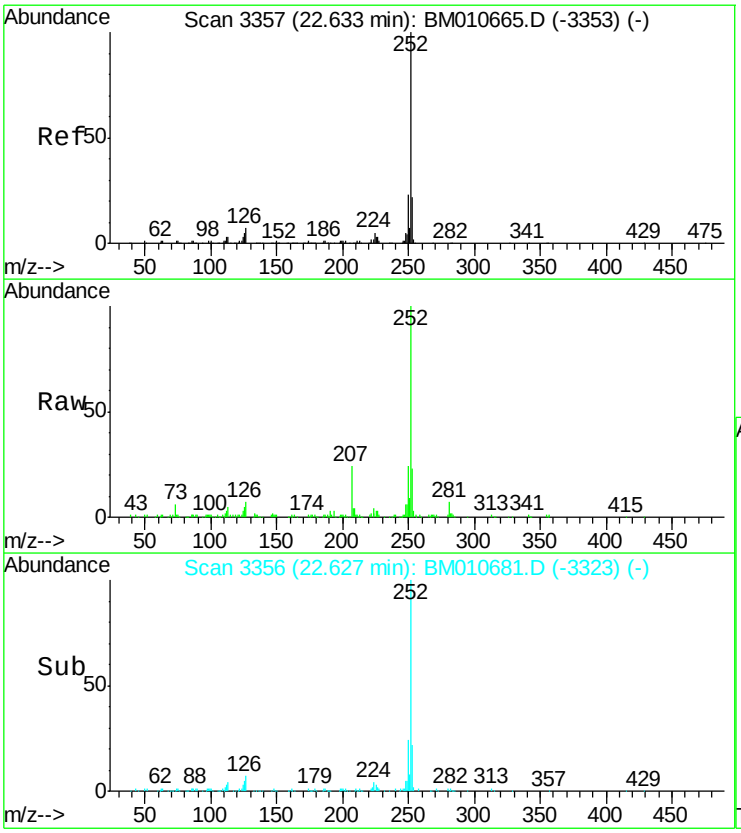
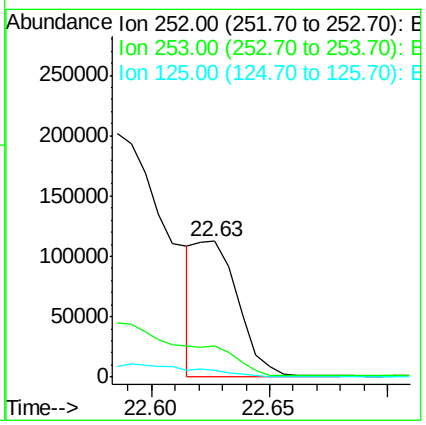
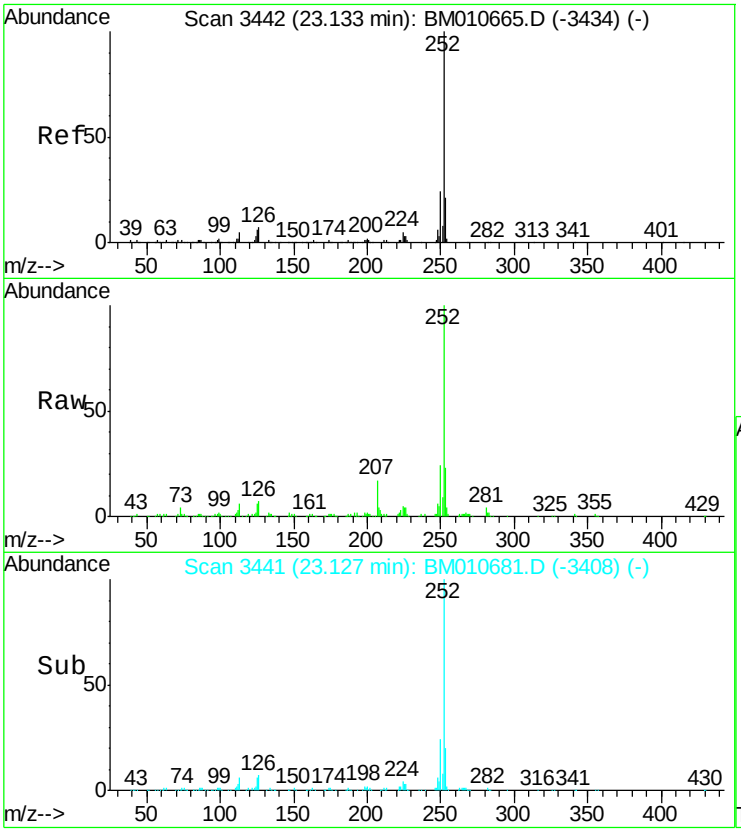


#86
Benzo(k)fluoranthene
Concen: 4.229 ng/ul m
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:252 Resp: 141460

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	5.3	3.4	5.2#

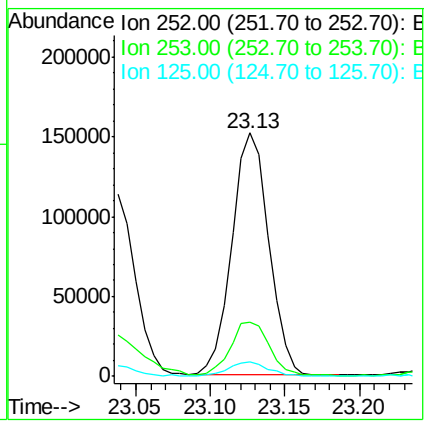




#88
Benzo(a)pyrene
Concen: 8.061 ng/ul
RT: 23.13 min Scan# 3441
Delta R.T. -0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:252 Resp: 261841

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	5.7	4.0	6.0



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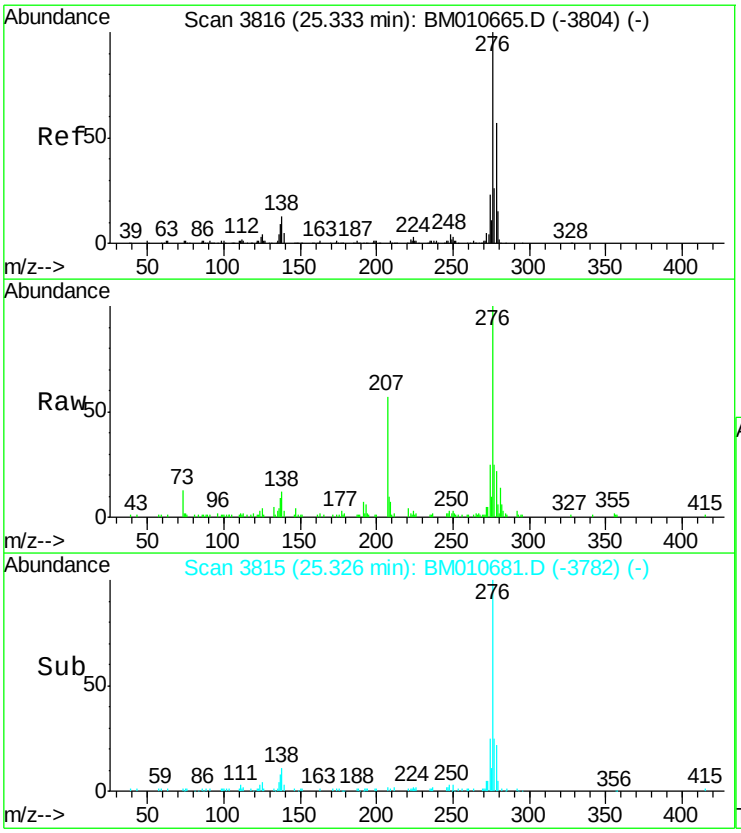
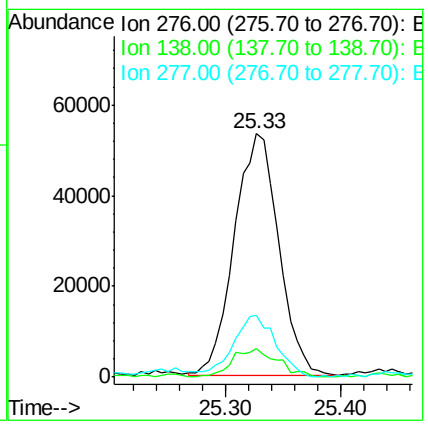
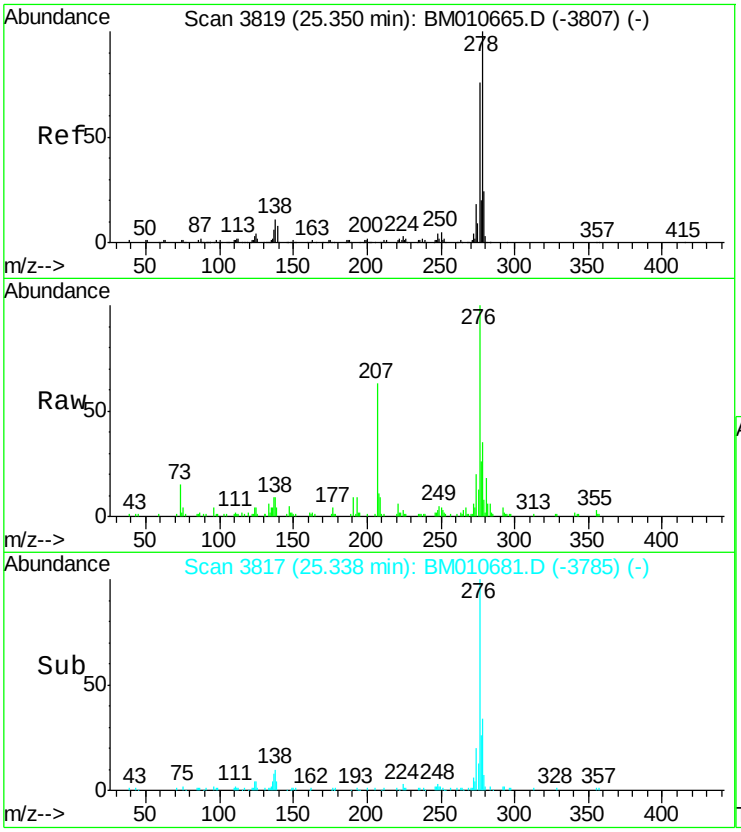


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.213 ng/ul
RT: 25.33 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:276 Resp: 141931

Ion	Ratio	Lower	Upper
276	100		
138	11.7	9.3	13.9
277	25.3	19.9	29.9

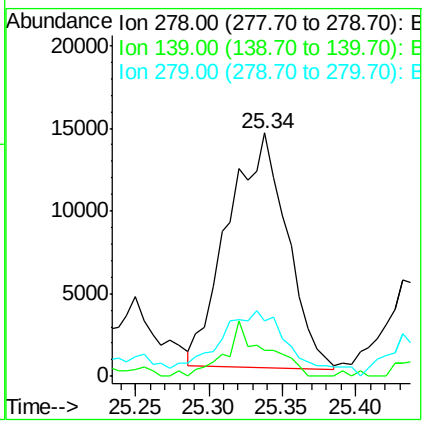




#90
Dibenzo(a,h)anthracene
Concen: 1.413 ng/ul m
RT: 25.34 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:278 Resp: 39674

Ion	Ratio	Lower	Upper
278	100		
139	10.8	5.8	8.8#
279	22.7	18.6	27.8



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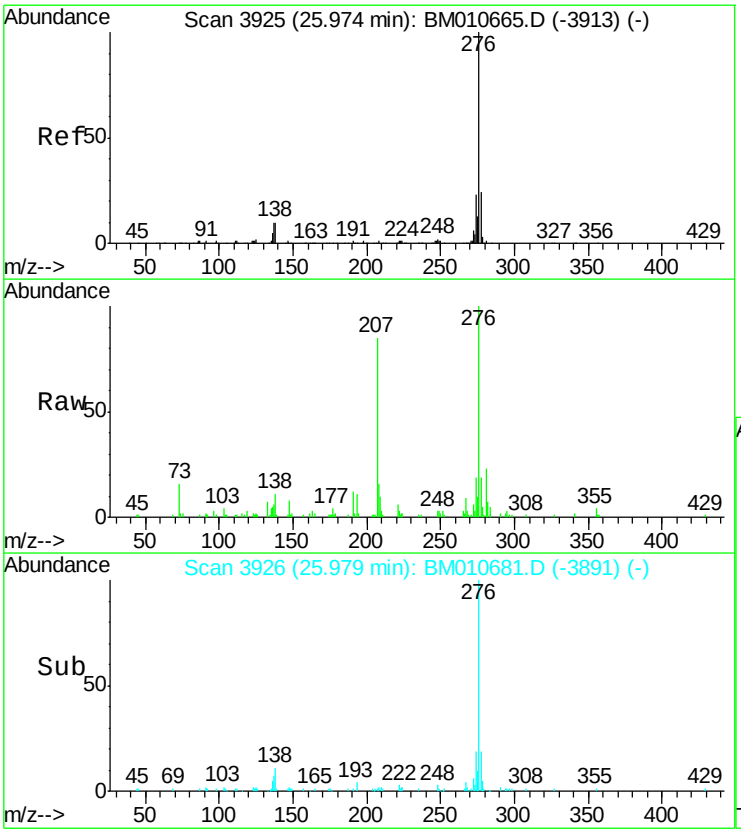

#91
Benzo(g,h,i)perylene
Concen: 3.836 ng/ul
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM010681.D
Acq: 23 Jun 2017 03:56

Tgt Ion:276 Resp: 102860

Ion	Ratio	Lower	Upper
276	100		
138	10.7	8.5	12.7
277	18.8	18.6	28.0