Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C36

Manual Integrations APPROVED
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Quant Time: Jun 12 05:36:03 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	149112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	545970	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	379391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	926547	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1315656	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1331483	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	14991	4.12	ng/uL	0.00
5) Phenol-d5	7.08	99	197104	17.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	124884	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	184472	20.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	148257	16.26	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	86366	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	108889	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	219668	23.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	134423	14.64	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	742010	23.54	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	819547	22.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.78	143	63451	13.45	ng/ul	0.00
57) Fluorene-d10	15.52	176	648287	23.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	114651	17.47	ng/ul	0.00
70) Anthracene-d10	17.38	188	1060147	23.51	ng/ul	0.00
76) Pyrene-d10	19.67	212	1415634	26.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1496262	24.14	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.11	94	22090	1.907	ng/ul#	93
16) 4-Methylphenol	8.67	108	20504	2.211	ng/ul	87
44) Dimethylphthalate	13.99	163	320360	10.334	ng/ul	98
47) Acenaphthylene	14.26	152	38345	1.067	ng/ul#	89
69) Phenanthrene	17.32	178	164729	3.330	ng/ul	95
71) Anthracene	17.42	178	54181	1.049	ng/ul#	95
74) Fluoranthene	19.33	202	778121	12.792	ng/ul#	95
77) Pyrene	19.70	202	811245	11.966	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	504419m	6.799	ng/ul	
82) Chrysene	21.49	228	619096	9.231	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	1165682	15.046	ng/ul	99
86) Benzo(k)fluoranthene	23.11	252	357117m	4.825	ng/ul	
88) Benzo(a)pyrene	23.68	252	523675	6.819	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	26.16	276	395443	4.076	ng/ul	97
91) Benzo(g,h,i)perylene	26.90	276	308021	3.853	ng/ul	99

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010480.D
Acq On : 10 Jun 2017 11:58
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 12 05:36:03 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C36

Manual Integrations APPROVED
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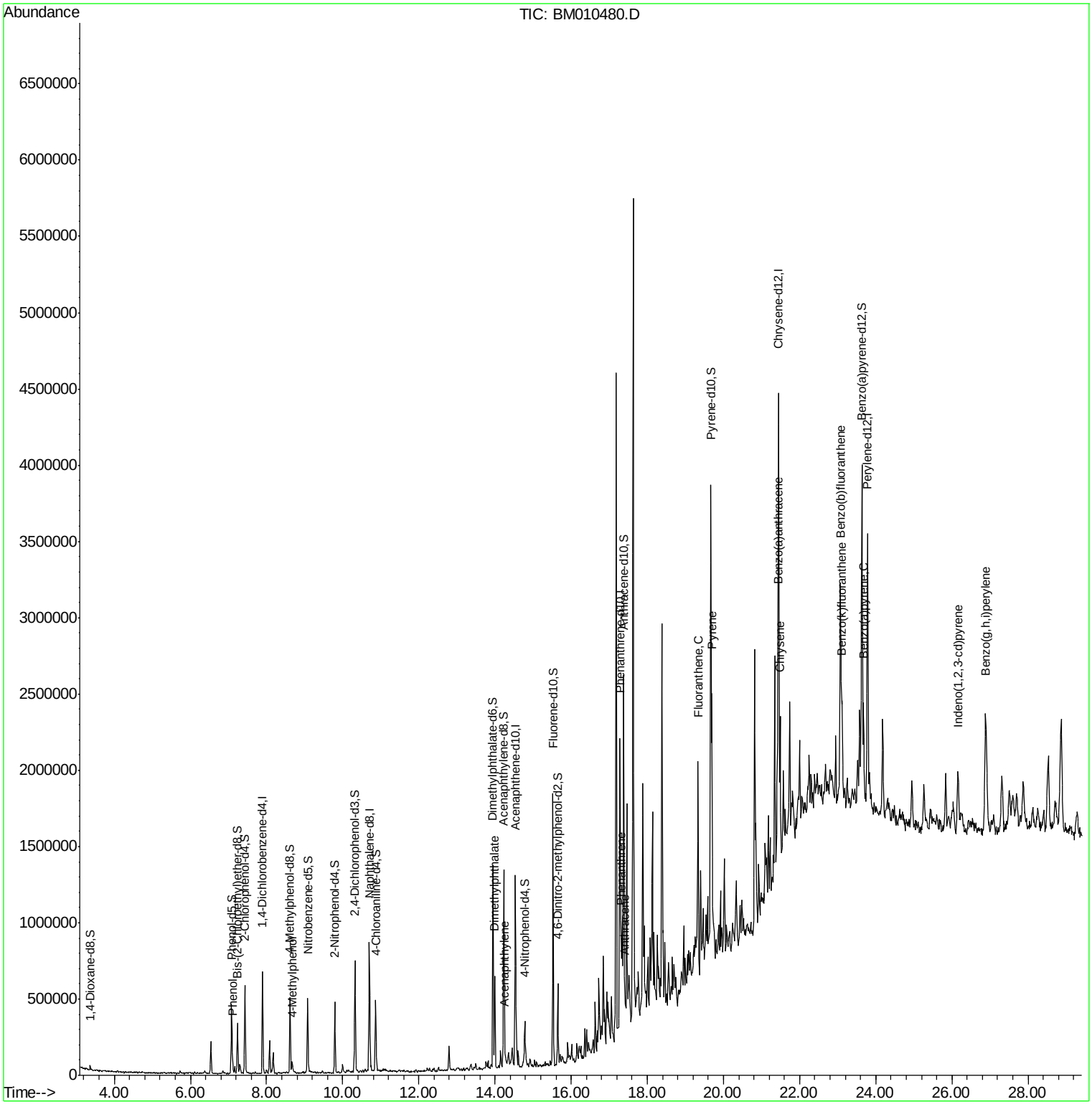
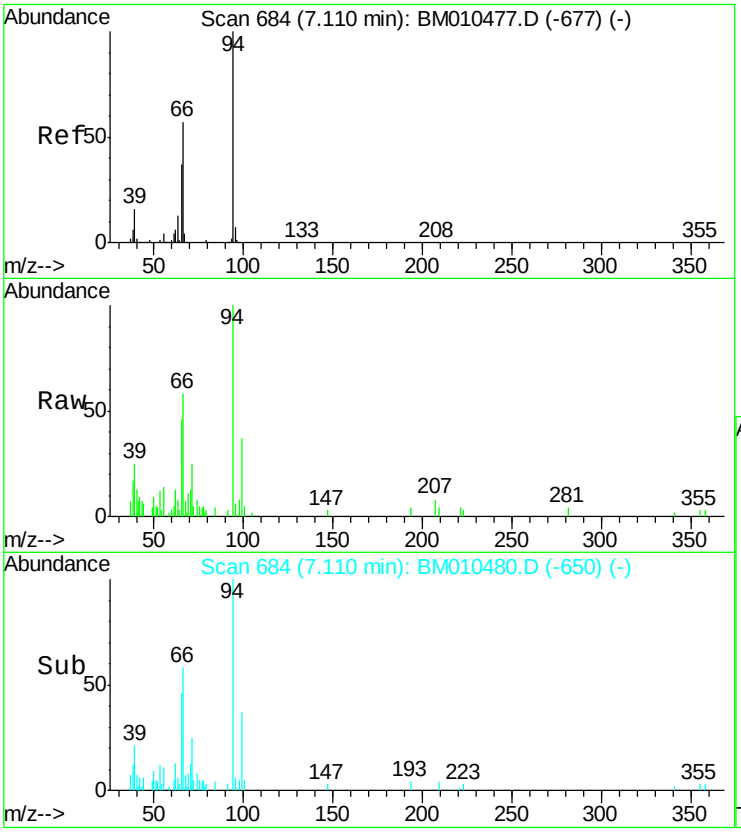
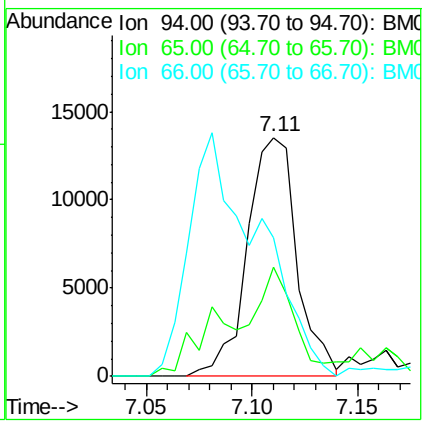




#6
Phenol
Concen: 1.907 ng/ul
RT: 7.11 min Scan# 684
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion: 94 Resp: 22090

Ion	Ratio	Lower	Upper
94	100		
65	45.7	28.2	42.4#
66	58.3	47.2	70.8



Instrument :
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ClientSampleId :
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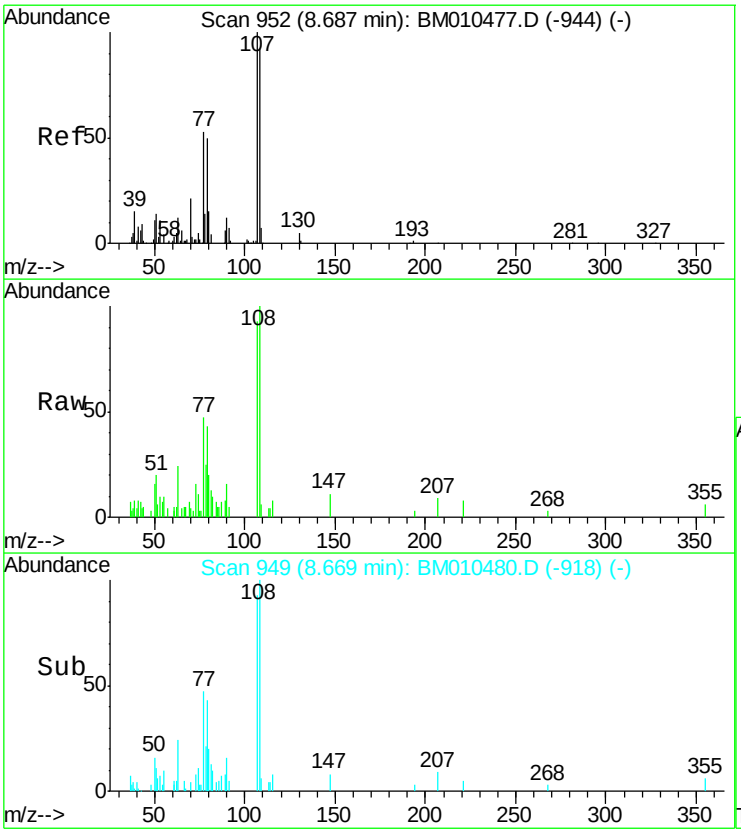
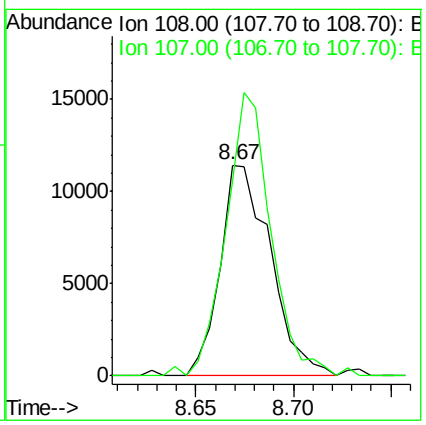
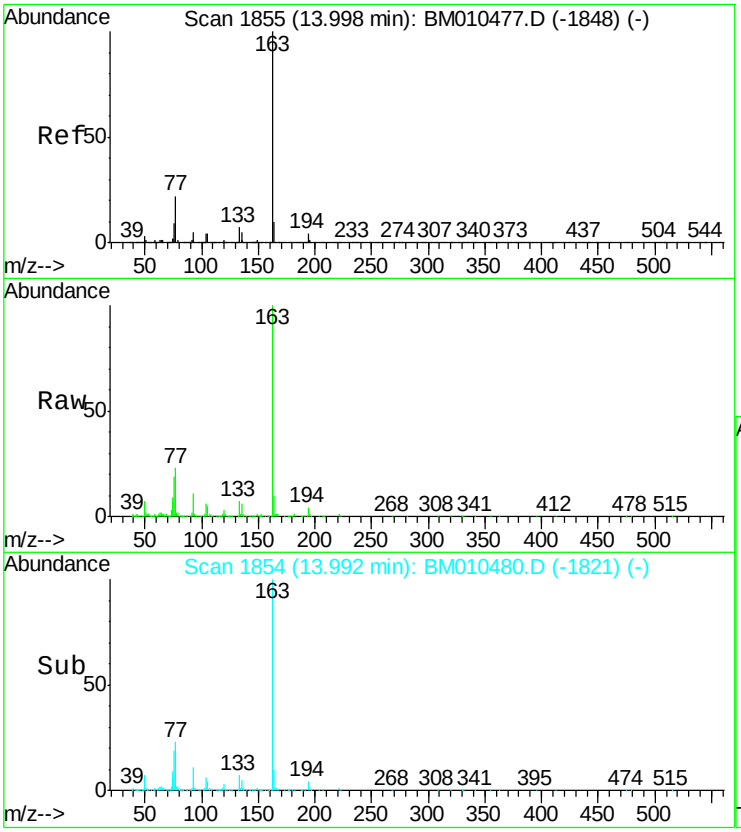


#16
4-Methylphenol
Concen: 2.211 ng/ul
RT: 8.67 min Scan# 949
Delta R.T. -0.02 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:108 Resp: 20504

Ion	Ratio	Lower	Upper
108	100		
107	92.9	84.9	127.3





#44
Dimethylphthalate
Concen: 10.334 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:163 Resp: 320360

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.5	8.2	12.4

Instrument :
BNA_M
ClientSampleId :
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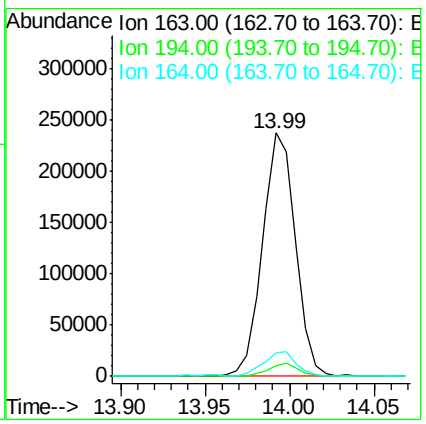
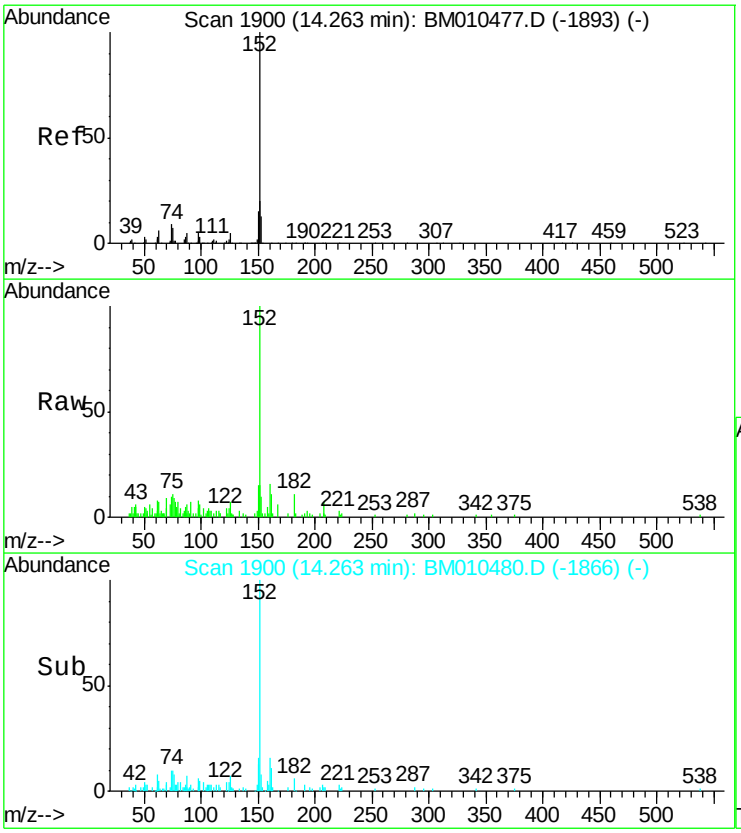
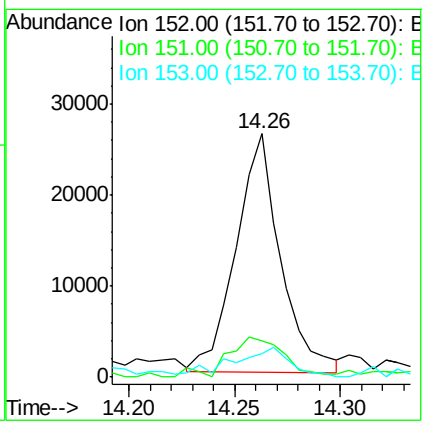


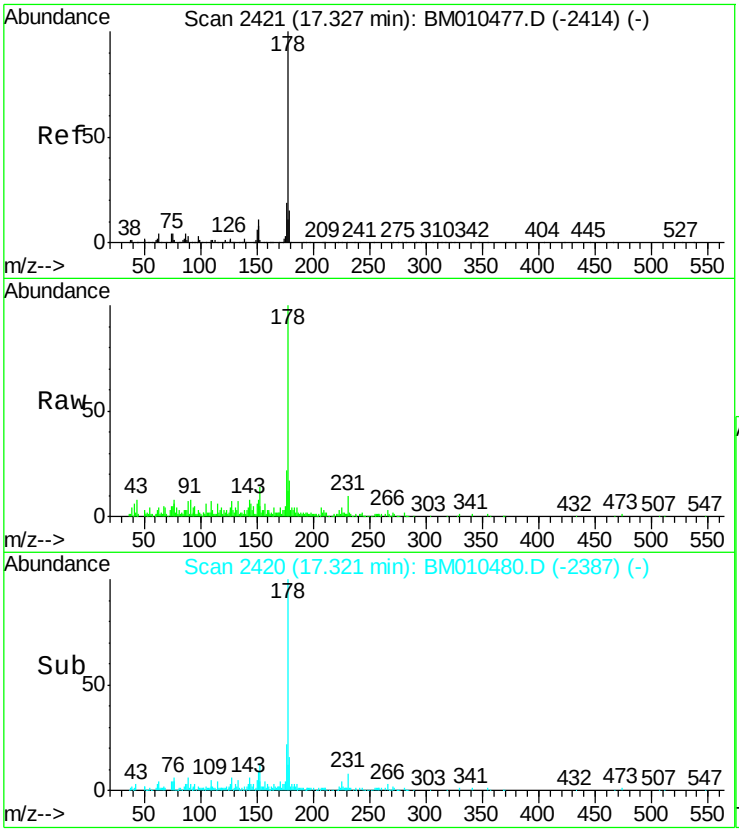


#47
Acenaphthylene
Concen: 1.067 ng/ul
RT: 14.26 min Scan# 1900
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:152 Resp: 38345

Ion	Ratio	Lower	Upper
152	100		
151	14.8	16.3	24.5#
153	9.7	10.2	15.4#

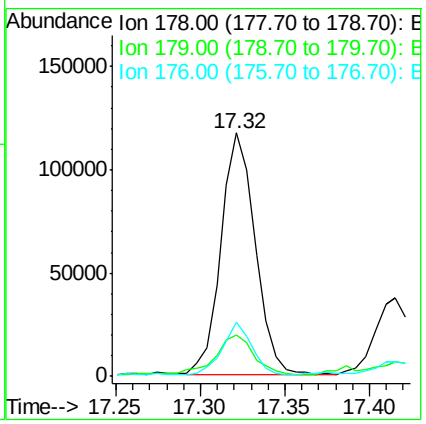




#69
Phenanthrene
Concen: 3.330 ng/ul
RT: 17.32 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:178 Resp: 164729

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	22.1	14.9	22.3



Instrument :
BNA_M
ClientSampleId :
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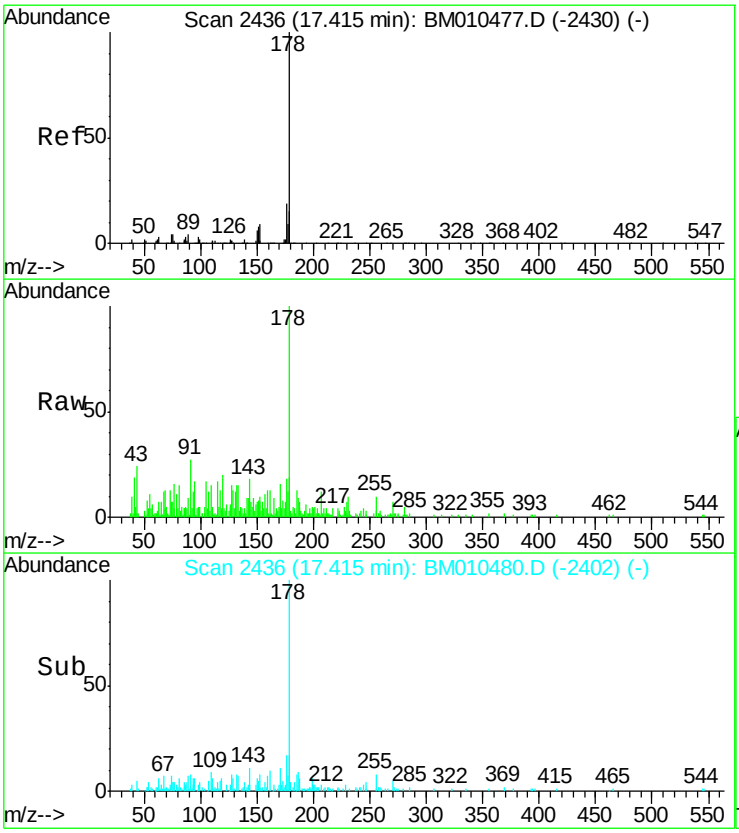
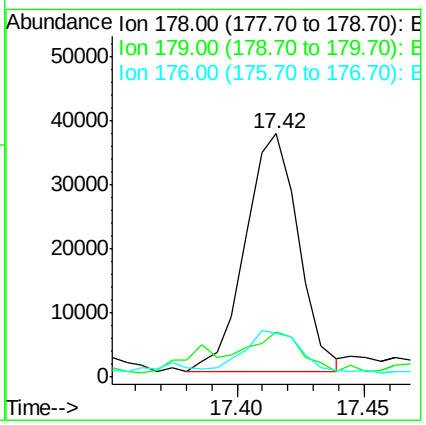
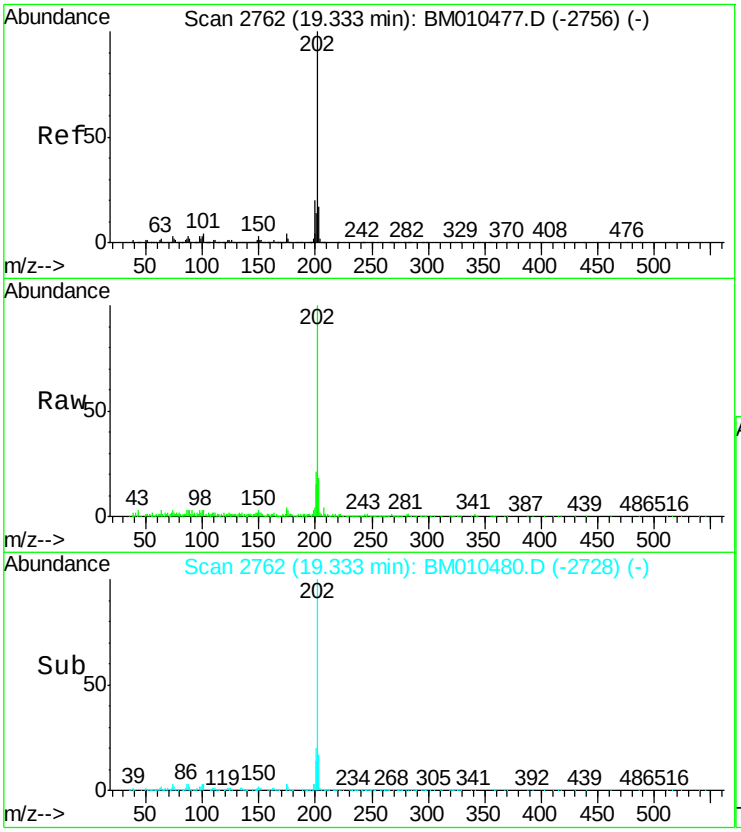


#71
Anthracene
Concen: 1.049 ng/ul
RT: 17.42 min Scan# 2436
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:178 Resp: 54181

Ion	Ratio	Lower	Upper
178	100		
179	18.8	11.7	17.5#
176	18.2	14.6	21.8

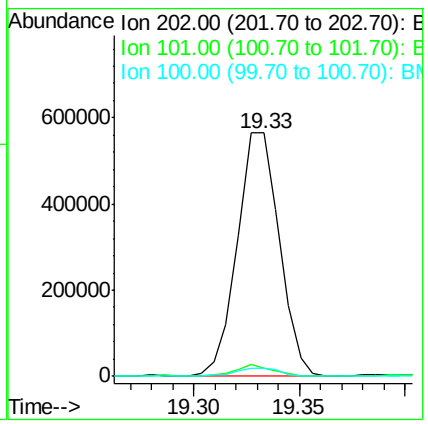




#74
Fluoranthene
Concen: 12.792 ng/ul
RT: 19.33 min Scan# 2762
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:202 Resp: 778121

Ion	Ratio	Lower	Upper
202	100		
101	3.4	4.6	7.0#
100	3.4	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
F5C36

Manual Integrations APPROVED
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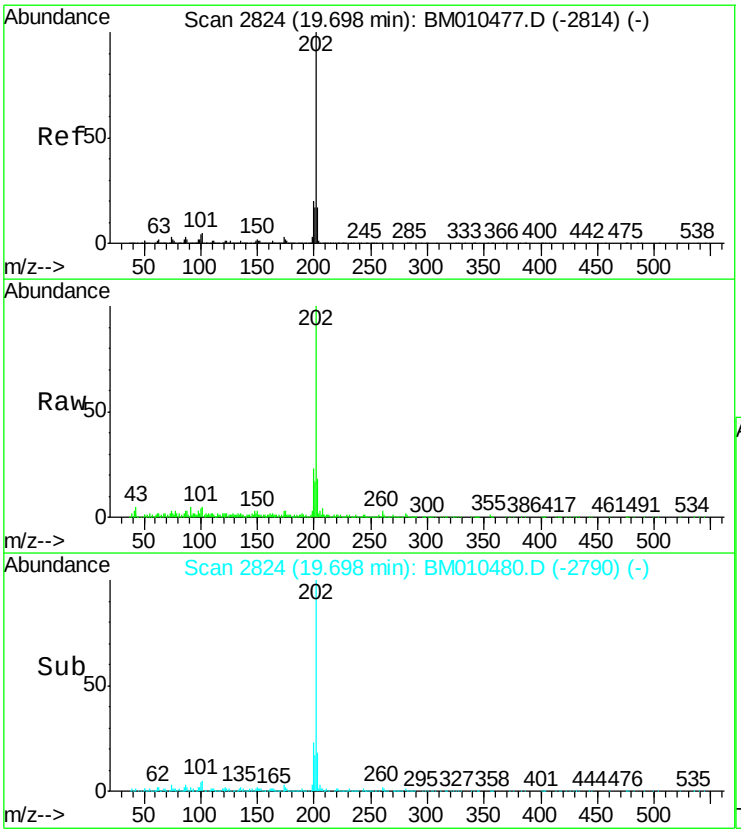
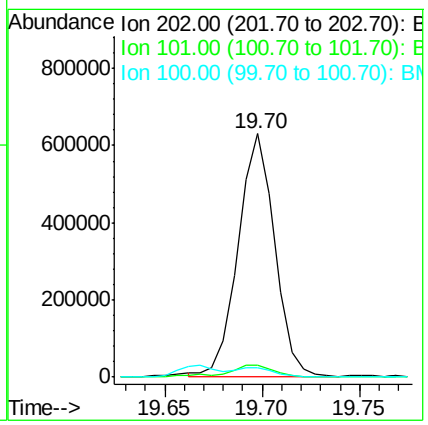
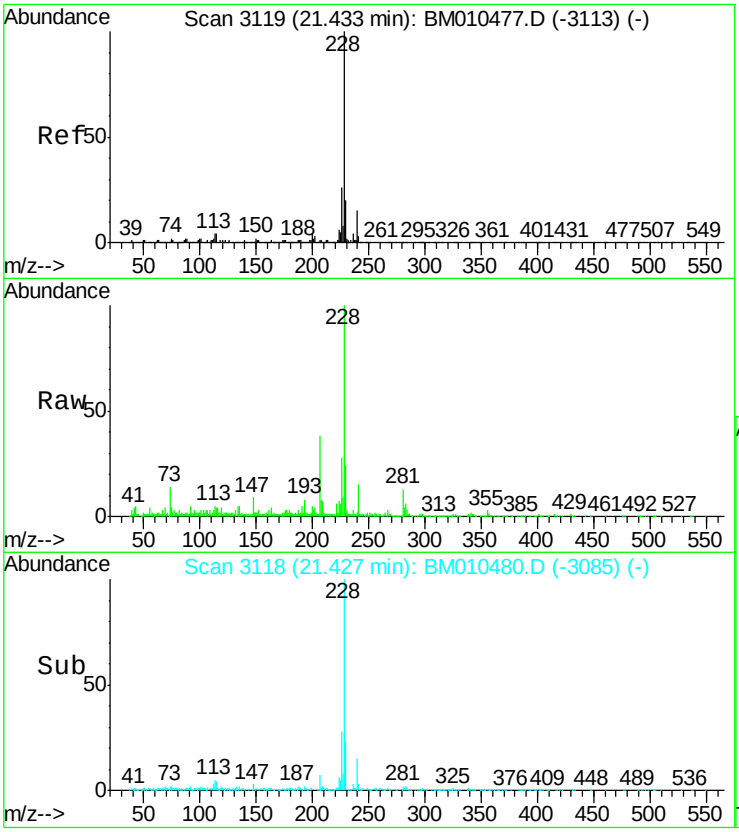


#77
Pyrene
Concen: 11.966 ng/ul
RT: 19.70 min Scan# 2824
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:202 Resp: 811245

Ion	Ratio	Lower	Upper
202	100		
101	4.7	5.1	7.7#
100	4.0	4.9	7.3#

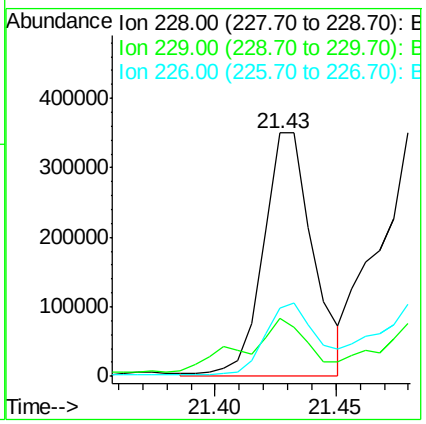




#80
Benzo(a)anthracene
Concen: 6.799 ng/ul m
RT: 21.43 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:228 Resp: 504419

Ion	Ratio	Lower	Upper
228	100		
229	23.8	15.4	23.0#
226	28.3	21.4	32.0



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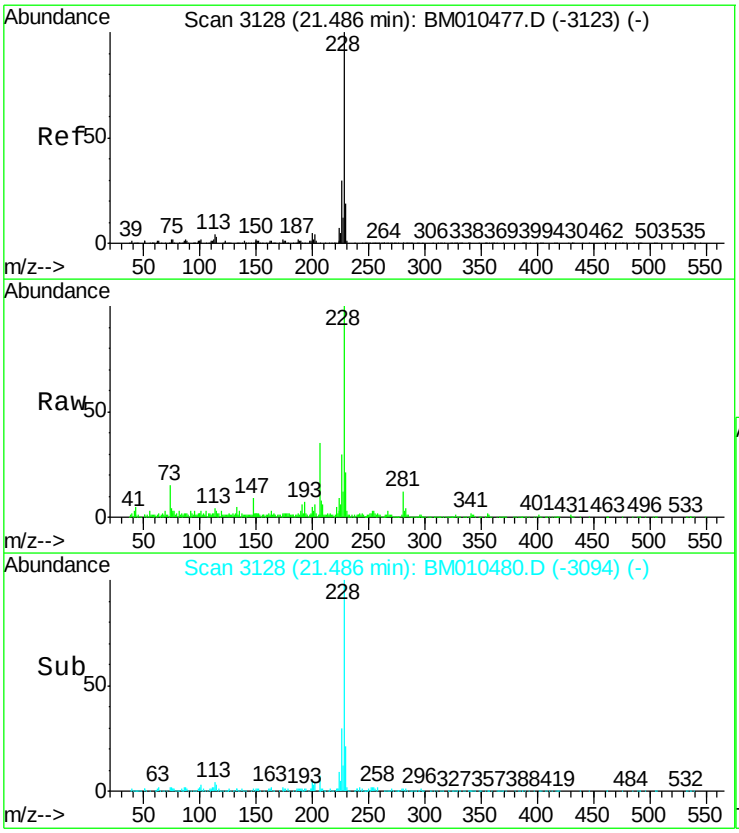
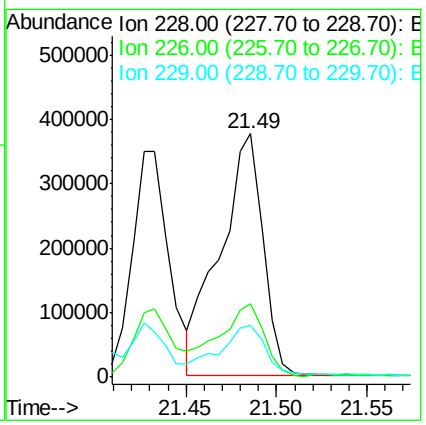
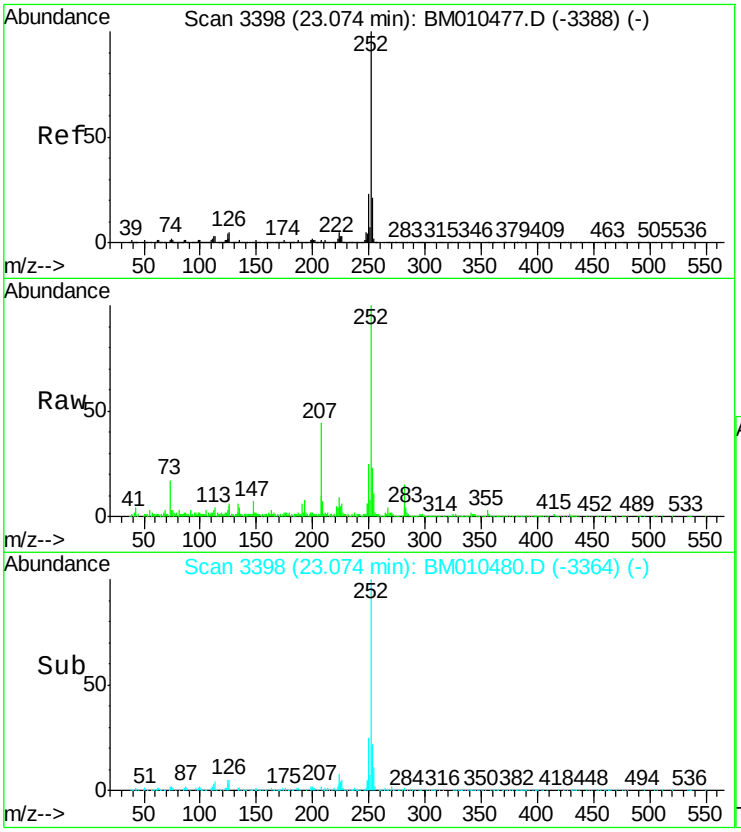


#82
Chrysene
Concen: 9.231 ng/ul
RT: 21.49 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:228 Resp: 619096

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	21.4	15.5	23.3

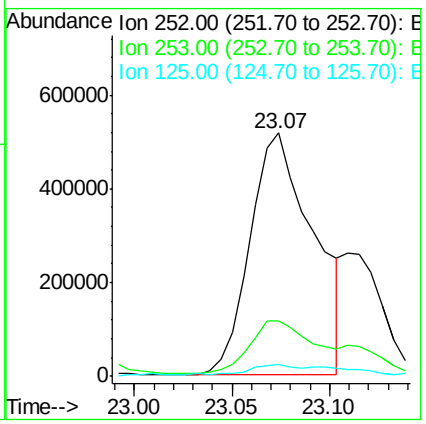




#85
Benzo(b)fluoranthene
Concen: 15.046 ng/ul
RT: 23.07 min Scan# 3398
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:252 Resp: 1165682

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	4.9	3.6	5.4



Instrument :
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ClientSampleId :
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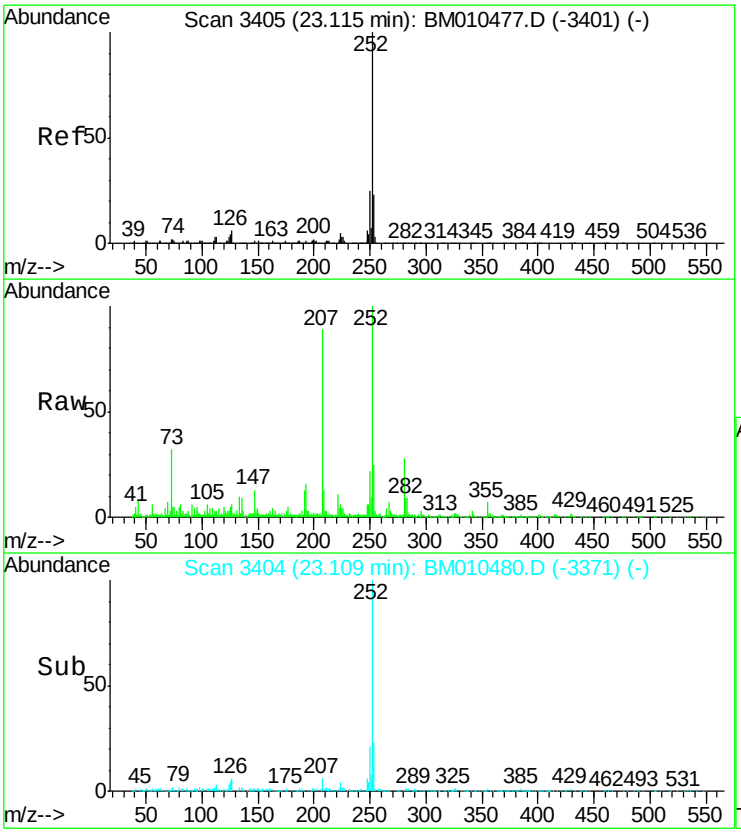
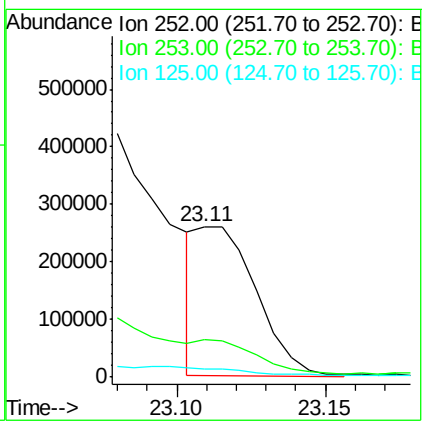
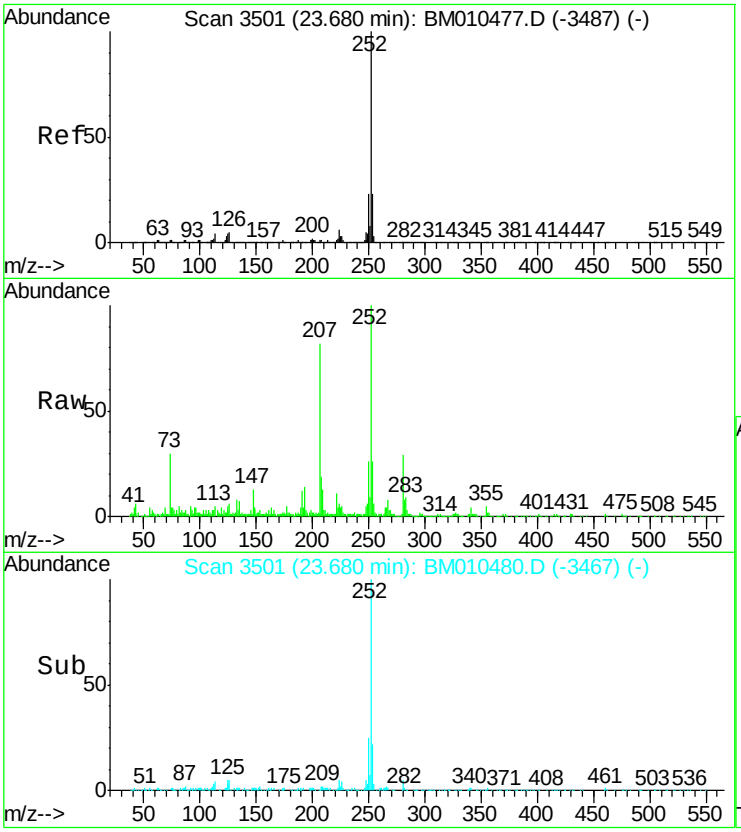


#86
Benzo(k)fluoranthene
Concen: 4.825 ng/ul m
RT: 23.11 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:252 Resp: 357117

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	5.3	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 6.819 ng/ul
RT: 23.68 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:252 Resp: 523675

Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	5.2	4.0	6.0

Instrument :
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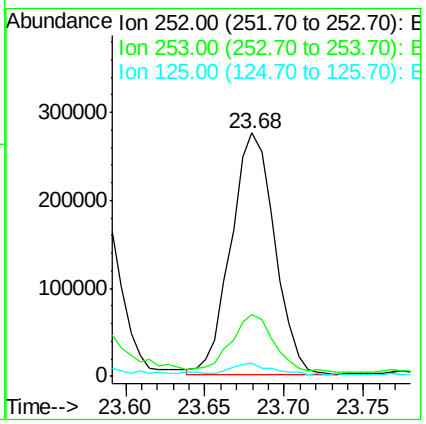
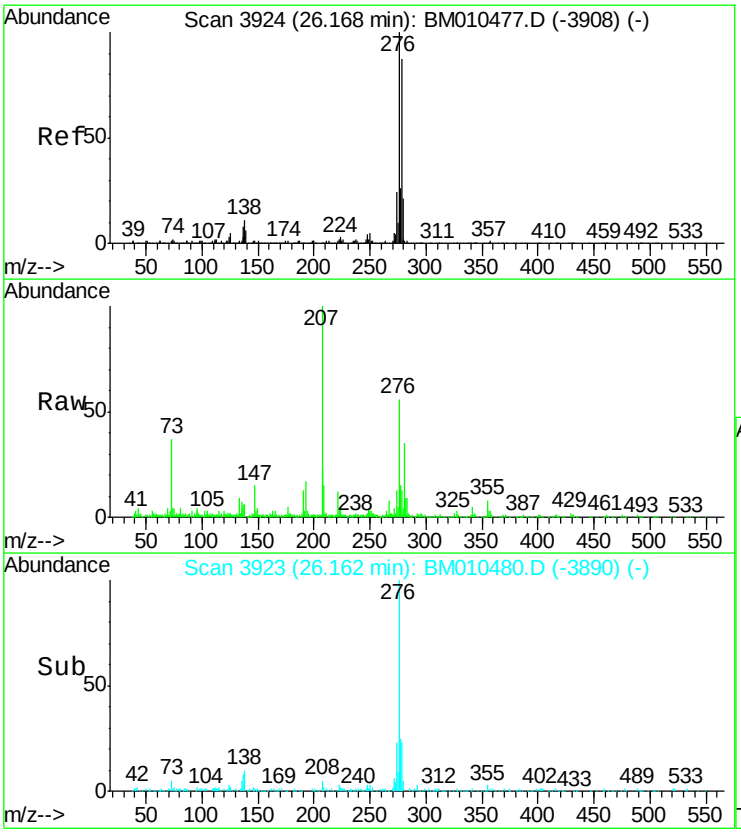
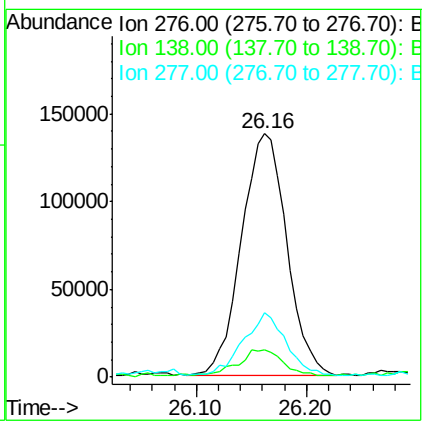


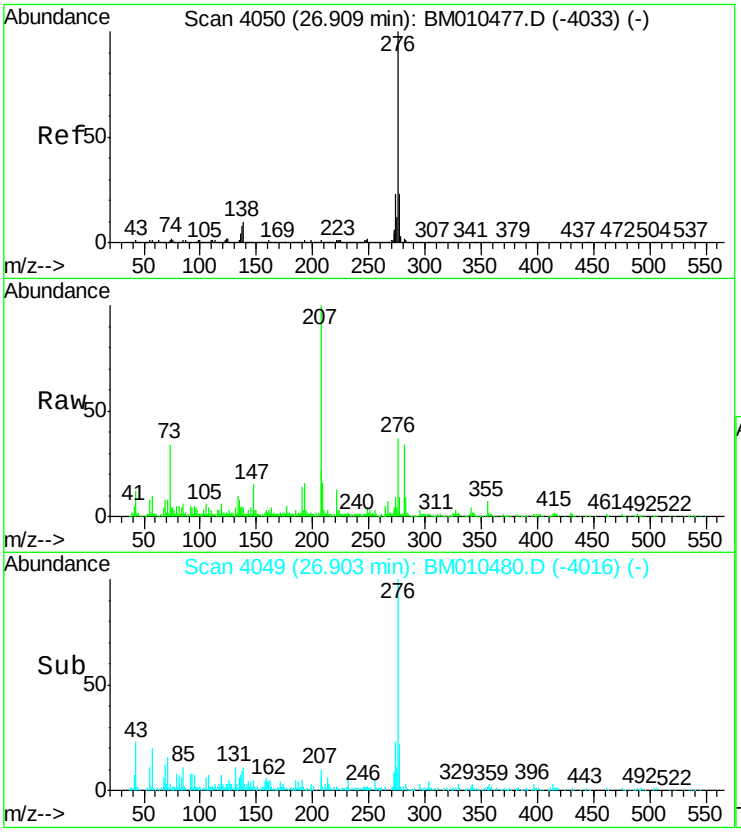


#89
Indeno(1,2,3-cd)pyrene
Concen: 4.076 ng/ul
RT: 26.16 min Scan# 3923
Delta R.T. -0.01 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:276 Resp: 395443

Ion	Ratio	Lower	Upper
276	100		
138	11.0	9.3	13.9
277	26.7	19.9	29.9

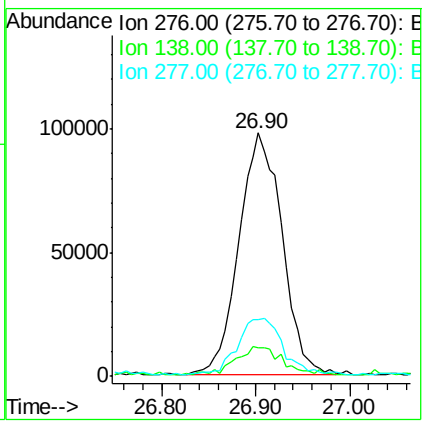




#91
Benzo(g,h,i)perylene
Concen: 3.853 ng/ul
RT: 26.90 min Scan# 4049
Delta R.T. -0.01 min
Lab File: BM010480.D
Acq: 10 Jun 2017 11:58

Tgt Ion:276 Resp: 308021

Ion	Ratio	Lower	Upper
276	100		
138	11.8	8.5	12.7
277	23.3	18.6	28.0



Instrument :
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ClientSampleId :
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