Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
Data File : BM007010.D
Acq On : 10 Aug 2016 21:11
Operator : UM/SJ
Sample : H4303-01 2X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA0H5

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8/11/2016 6:37:41 AM

Quant Time: Aug 11 03:29:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	367940	20.00	ng/ul	0.00
7) Naphthalene-d8	10.60	136	1666489	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.45	164	1016453	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.19	188	2356352	20.00	ng/ul	0.00
29) Chrysene-d12	21.37	240	2353274	20.00	ng/ul	0.00
34) Perylene-d12	23.65	264	1993914	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.33	96	7735	0.96	ng/uL	0.00
3) Phenol-d5	6.97	99	293769	8.97	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.15	67	201372	11.00	ng/ul	0.00
5) 2-Chlorophenol-d4	7.35	132	256262	10.32	ng/ul	0.00
6) 4-Methylphenol-d8	8.51	113	191285	6.90	ng/ul	0.00
8) Nitrobenzene-d5	8.97	128	135552	10.65	ng/ul	0.00
9) 2-Nitrophenol-d4	9.69	143	140731	9.65	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.22	165	294444	10.34	ng/ul	0.00
12) 4-Chloroaniline-d4	10.73	131	264752	7.95	ng/ul	0.00
16) Dimethylphthalate-d6	13.86	166	977898	11.26	ng/ul	-0.01
17) Acenaphthylene-d8	14.14	160	1217243	11.96	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	98410	6.31	ng/ul	0.00
21) Fluorene-d10	15.44	176	867612	11.75	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.55	200	77977	6.11	ng/ul	0.00
26) Anthracene-d10	17.29	188	1355546	12.35	ng/ul	0.00
30) Pyrene-d10	19.58	212	1518440	14.19	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.51	264	1135033	12.38	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.66	128	624050	7.47	ng/ul	99
13) 2-Methylnaphthalene	12.27	142	111705	1.69	ng/ul	99
14) 1-Methylnaphthalene	12.49	142	72542m	1.14	ng/ul	
19) Acenaphthene	14.51	153	468324	6.89	ng/ul	100
22) Fluorene	15.50	166	347576	4.31	ng/ul	97
25) Phenanthrene	17.24	178	5117358	40.54	ng/ul	99
27) Anthracene	17.33	178	1094263	8.39	ng/ul	99
28) Fluoranthene	19.25	202	7856649	49.41	ng/ul	99
31) Pyrene	19.62	202	6535998	47.88	ng/ul	98
32) Benzo(a)anthracene	21.36	228	3561421	25.70	ng/ul	99
33) Chrysene	21.41	228	3305531	26.28	ng/ul	97
35) Benzo(b)fluoranthene	22.97	252	4460287	36.01	ng/ul	98
36) Benzo(k)fluoranthene	23.01	252	1632589m	13.95	ng/ul	
38) Benzo(a)pyrene	23.56	252	3025198	26.55	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.96	276	2366444	20.94	ng/ul	97
40) Dibenzo(a,h)anthracene	25.96	278	580999m	6.21	ng/ul	
41) Benzo(g,h,i)perylene	26.66	276	2304185	24.80	ng/ul	99

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081016\
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Sample : H4303-01 2X
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080916.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 10 01:30:54 2016
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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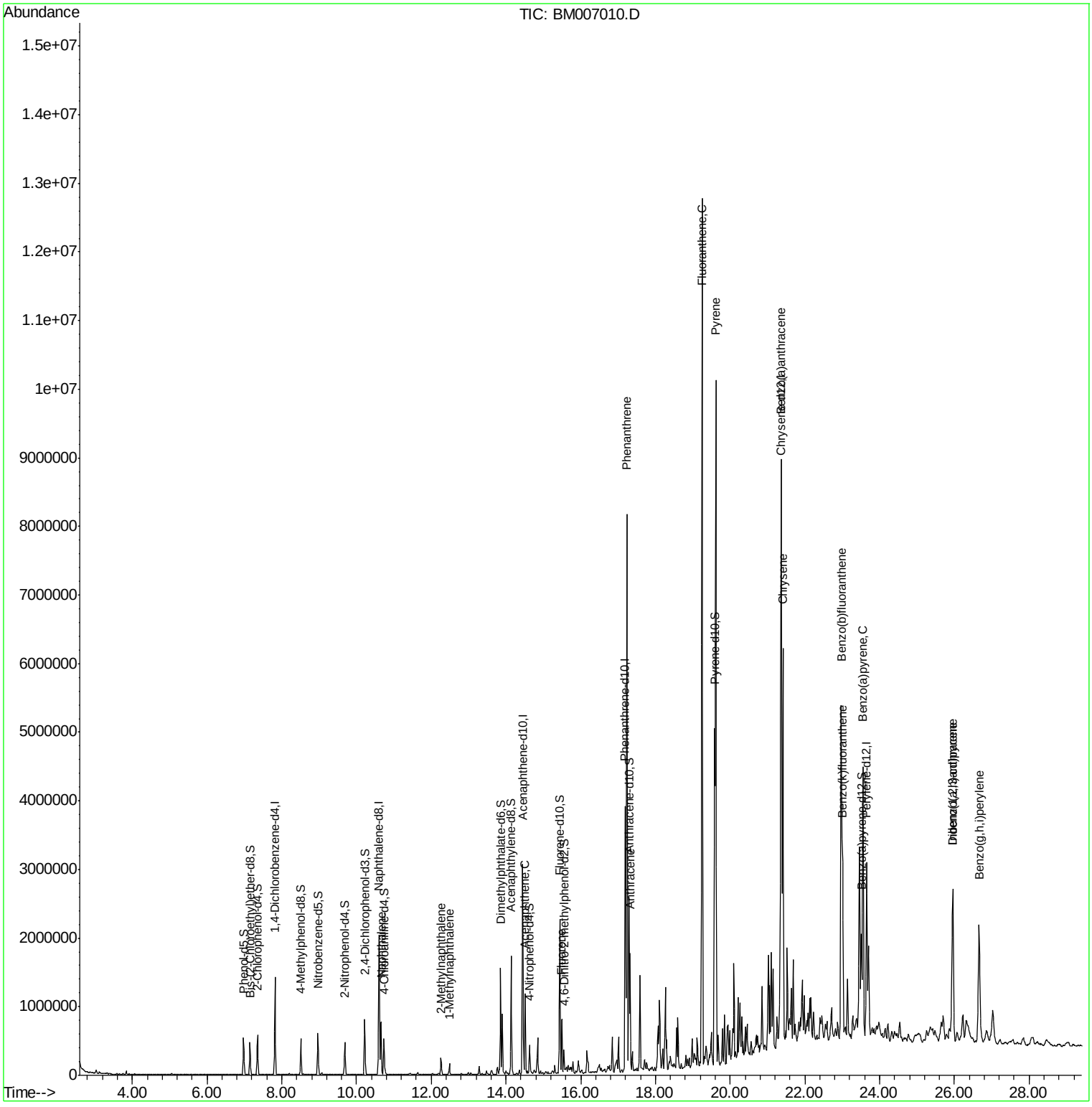
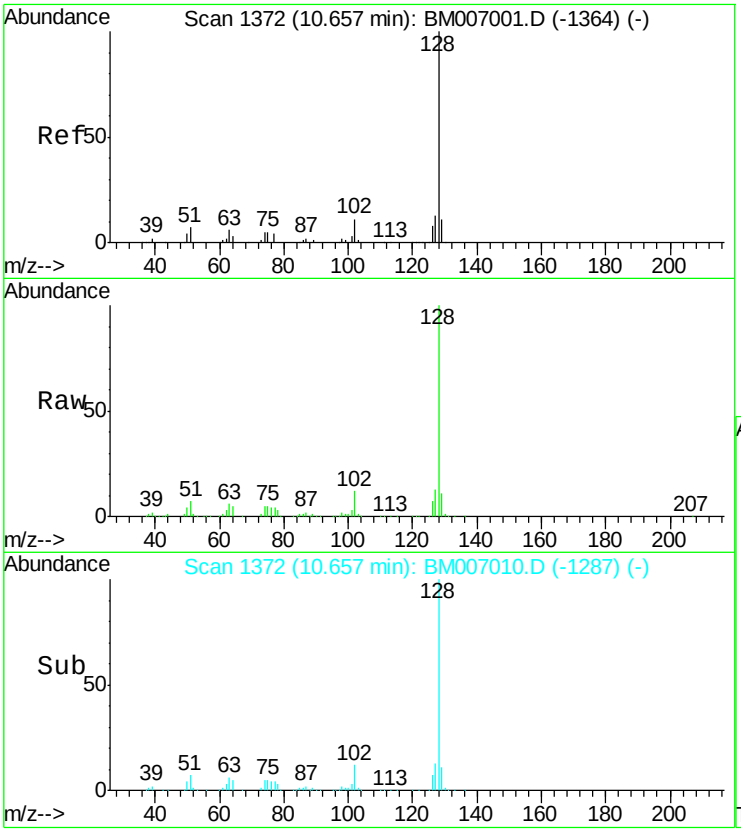
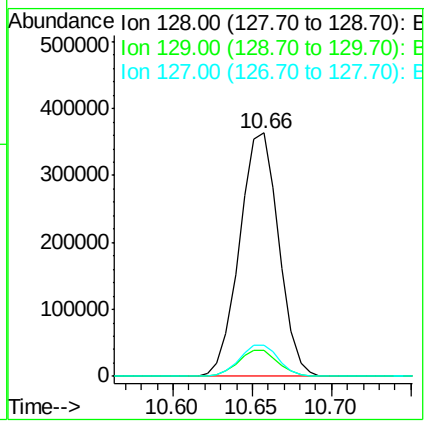




#11
Naphthalene
Concen: 7.47 ng/ul
RT: 10.66 min Scan# 1372
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:128 Resp: 624050

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	12.9	10.4	15.6



Instrument :
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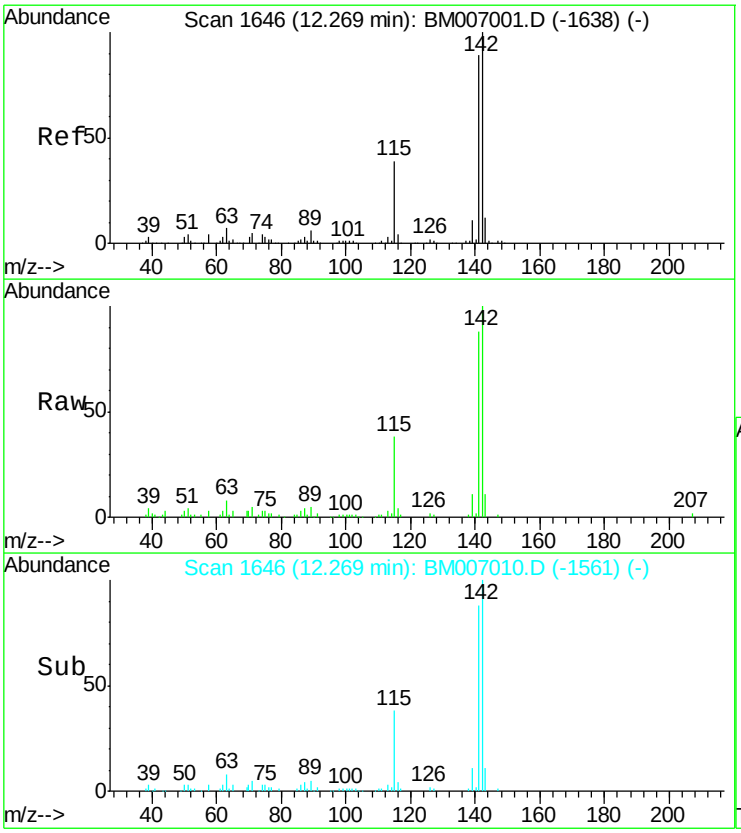
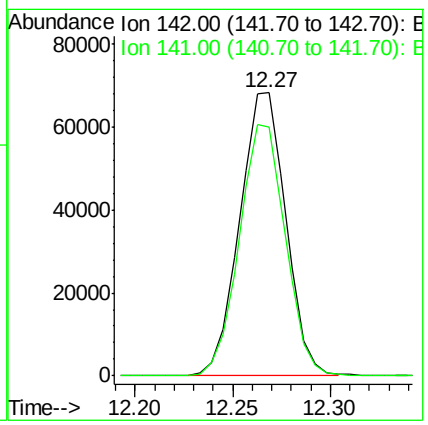
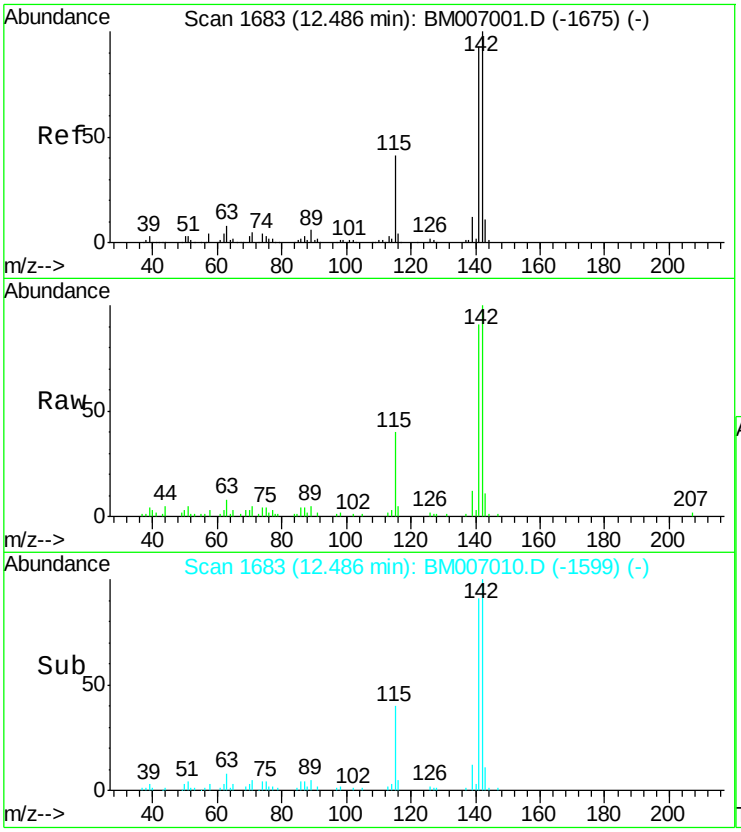


#13
2-Methylnaphthalene
Concen: 1.69 ng/ul
RT: 12.27 min Scan# 1646
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:142 Resp: 111705

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.0	106.6

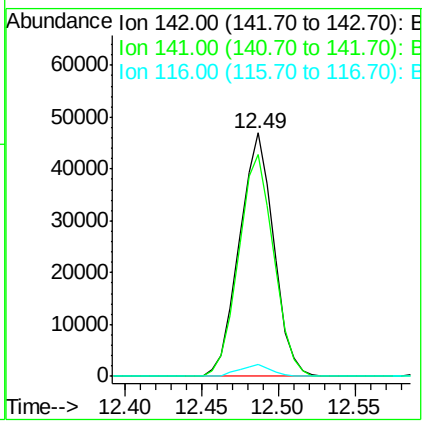




#14
1-Methylnaphthalene
Concen: 1.14 ng/ul m
RT: 12.49 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:142 Resp: 72542

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.4	111.6
116	4.9	3.2	4.8#



Instrument :
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ClientSampleId :
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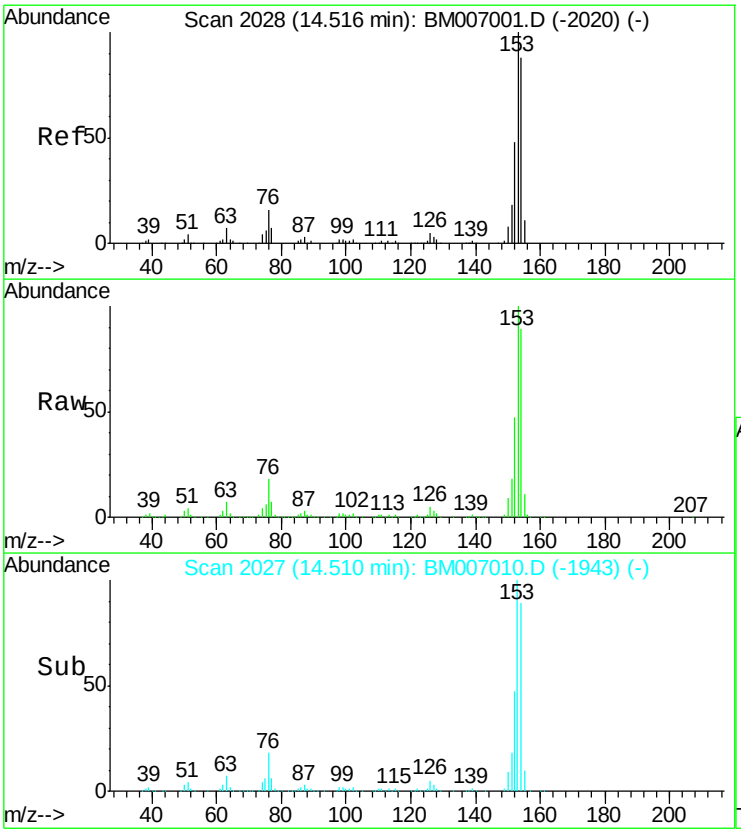
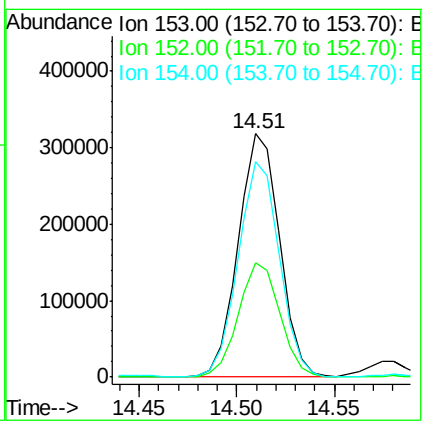
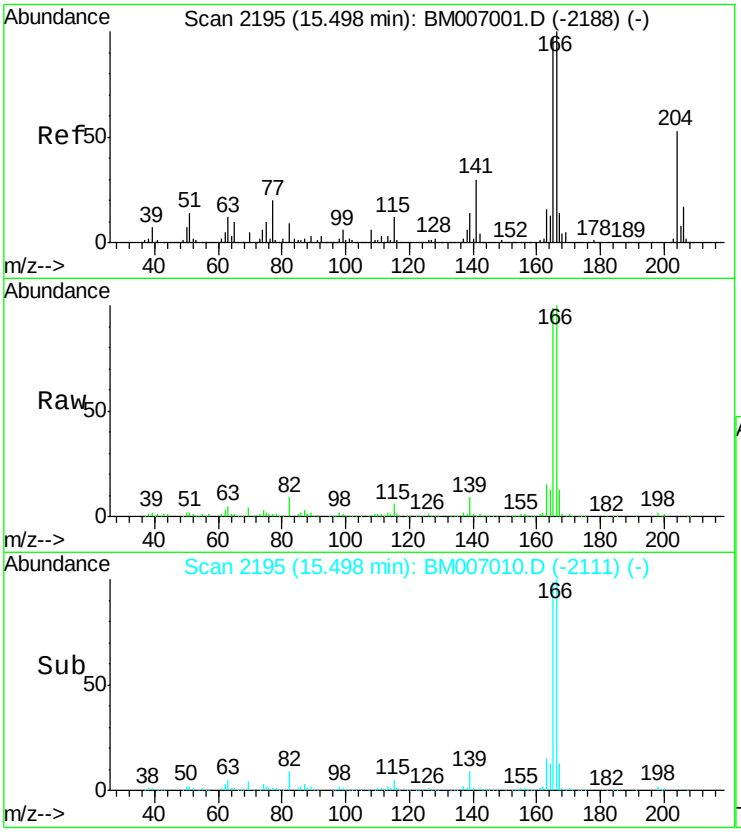


#19
Acenaphthene
Concen: 6.89 ng/ul
RT: 14.51 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:153 Resp: 468324

Ion	Ratio	Lower	Upper
153	100		
152	47.0	37.0	55.6
154	88.5	70.9	106.3

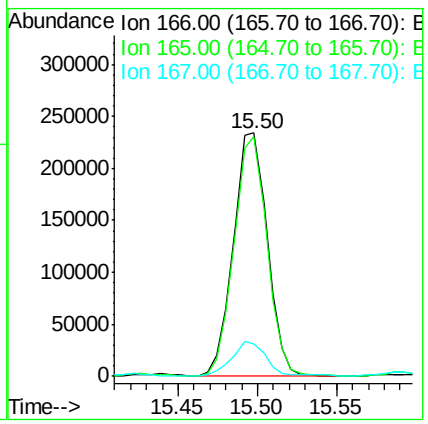




#22
Fluorene
Concen: 4.31 ng/ul
RT: 15.50 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:166 Resp: 347576

Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.6	115.0
167	13.2	10.7	16.1



Instrument :
BNA_M
ClientSampleId :
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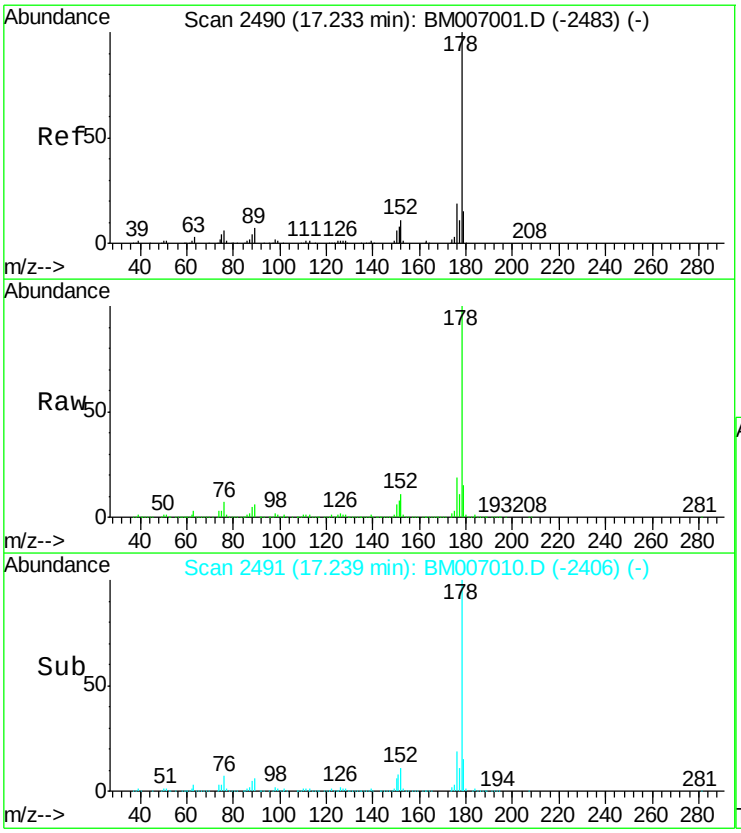
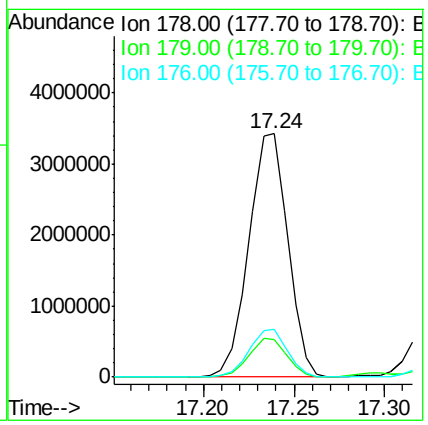
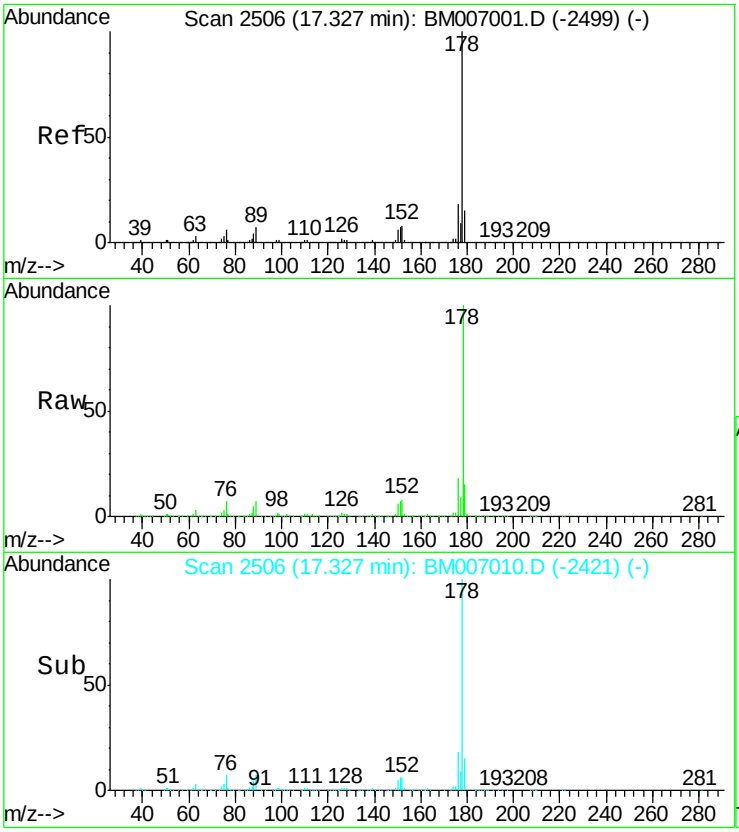


#25
Phenanthrene
Concen: 40.54 ng/ul
RT: 17.24 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:178 Resp: 5117358

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.5	15.2	22.8

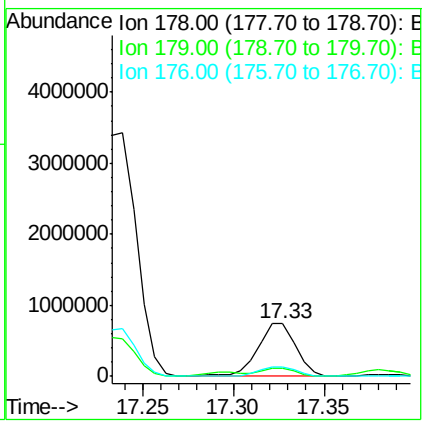




#27
Anthracene
Concen: 8.39 ng/ul
RT: 17.33 min Scan# 2506
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:178 Resp: 1094263

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.5	18.7
176	18.4	15.0	22.4



Instrument :
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ClientSampleId :
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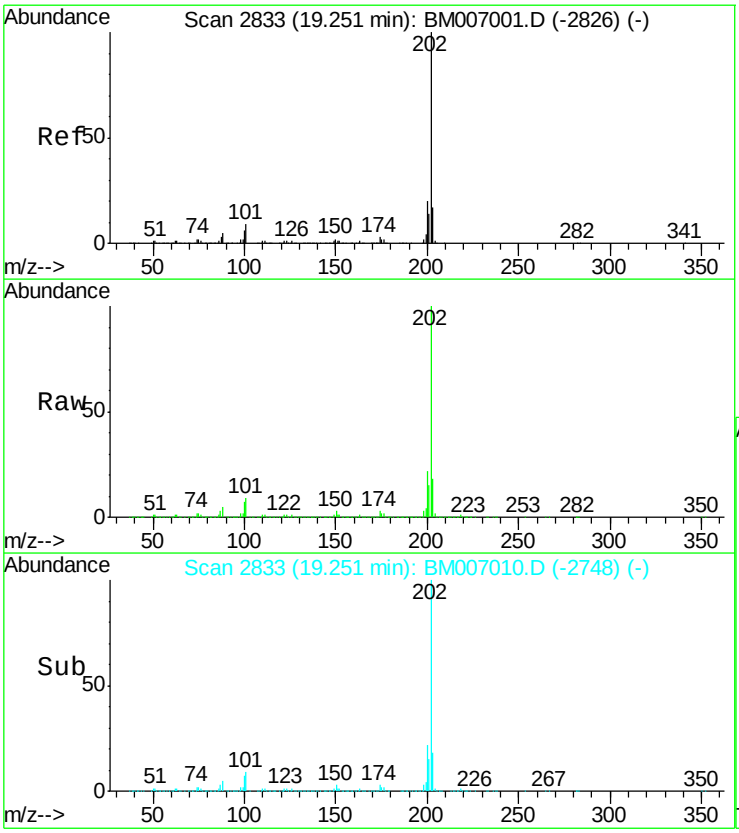
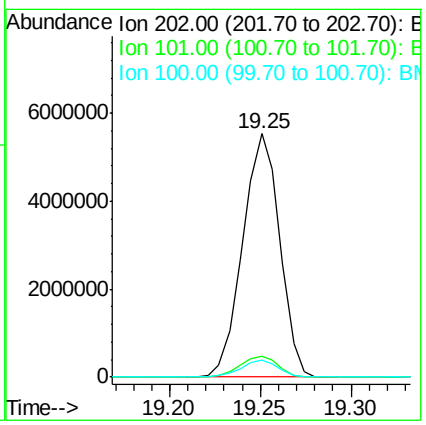
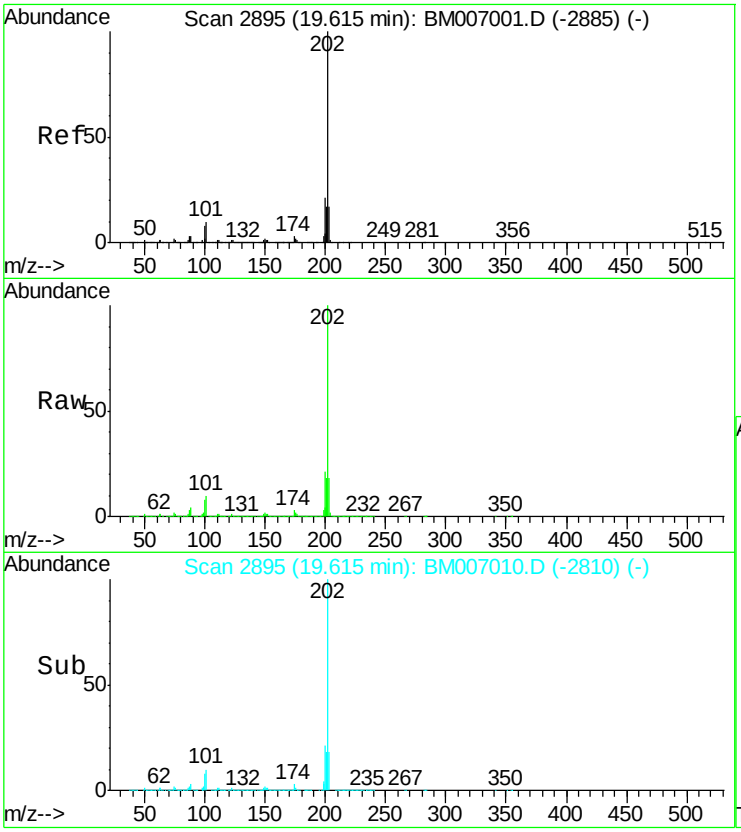


#28
Fluoranthene
Concen: 49.41 ng/ul
RT: 19.25 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:202 Resp: 7856649

Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.4	11.2
100	6.8	5.8	8.6

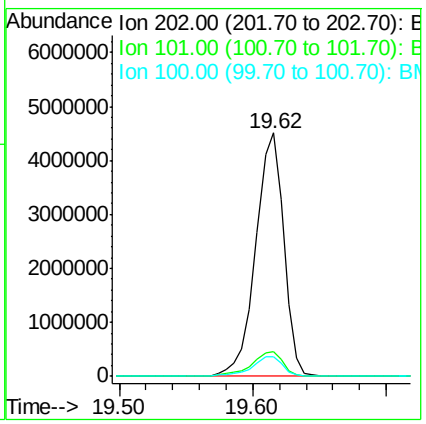




#31
Pyrene
Concen: 47.88 ng/ul
RT: 19.62 min Scan# 2895
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:202 Resp: 6535998

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.5	12.7
100	8.1	7.1	10.7



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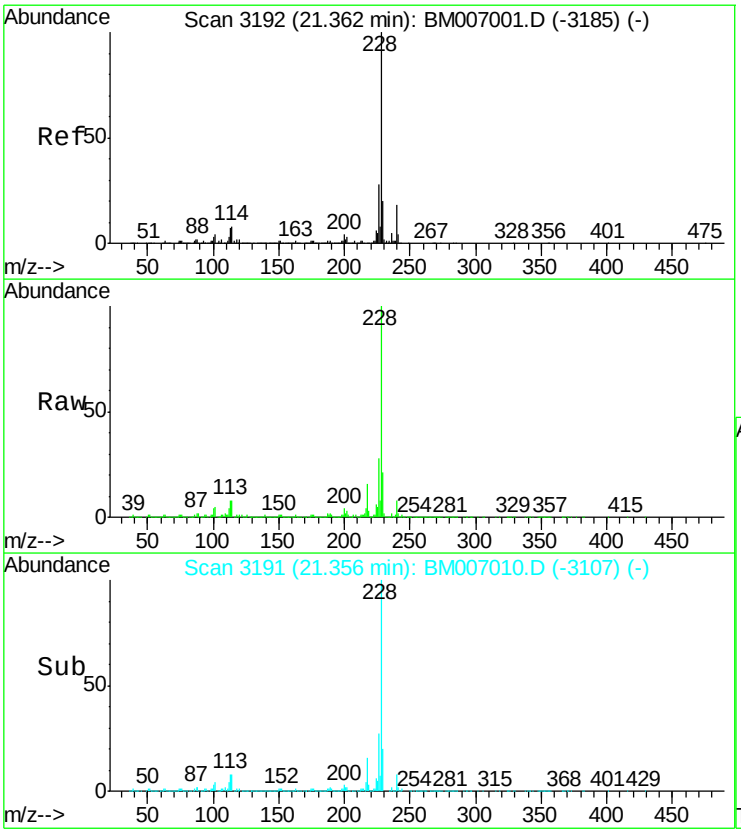
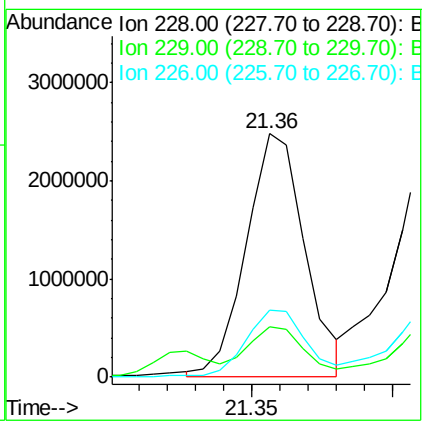
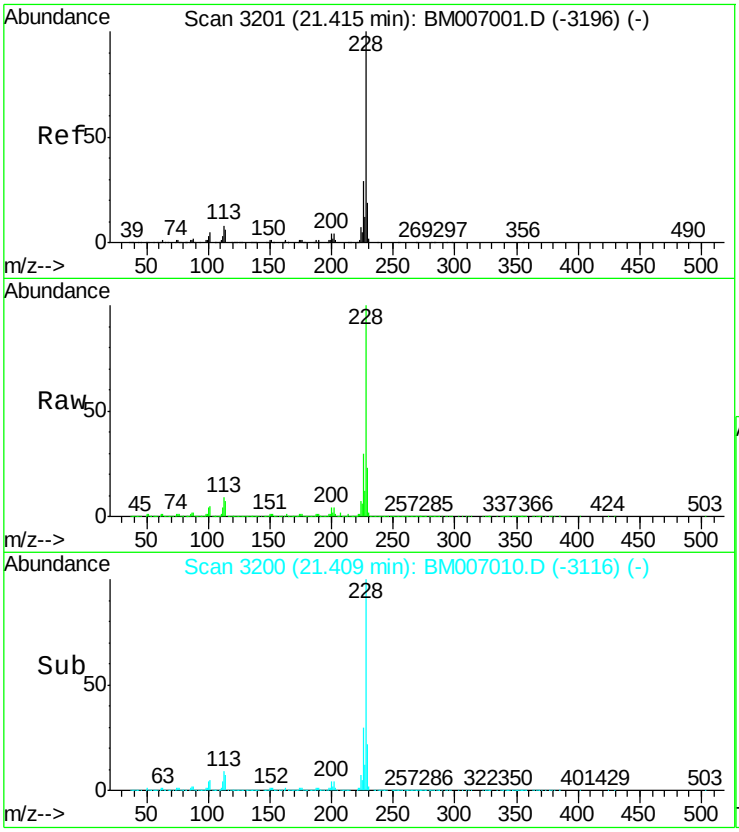


#32
Benzo(a)anthracene
Concen: 25.70 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:228 Resp: 3561421

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	27.7	21.9	32.9

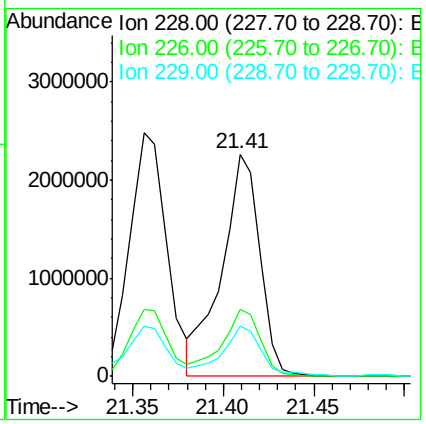




#33
Chrysene
Concen: 26.28 ng/ul
RT: 21.41 min Scan# 3200
Delta R.T. -0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:228 Resp: 3305531

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.4
229	22.6	15.9	23.9



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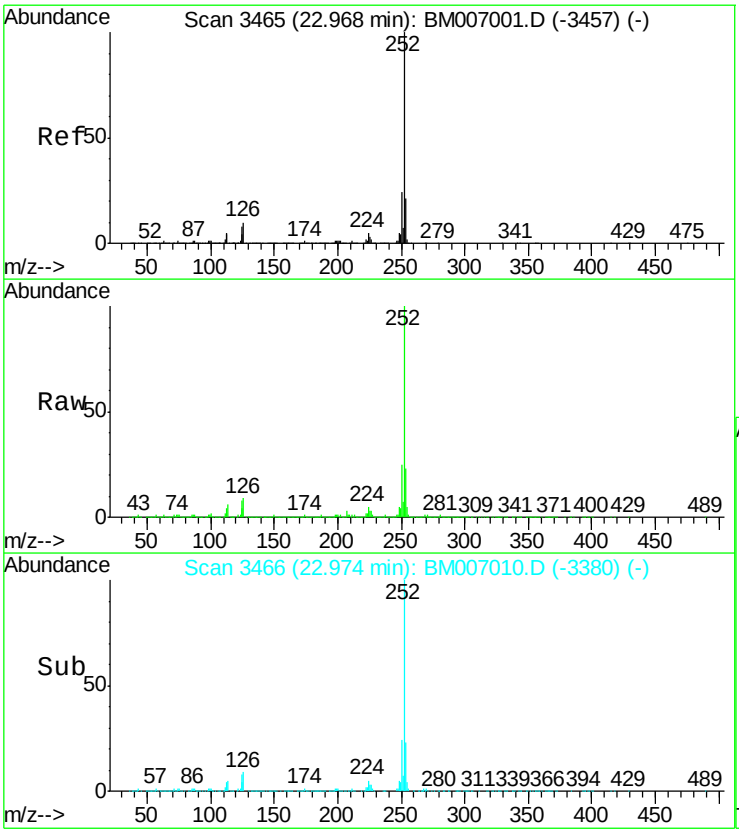
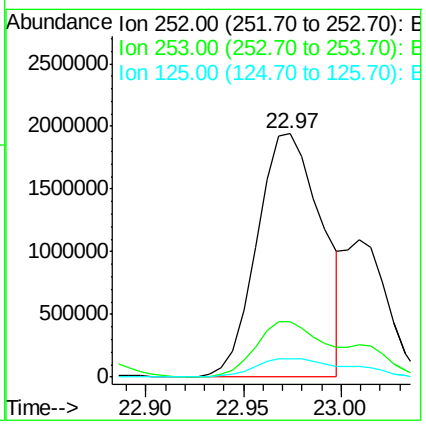
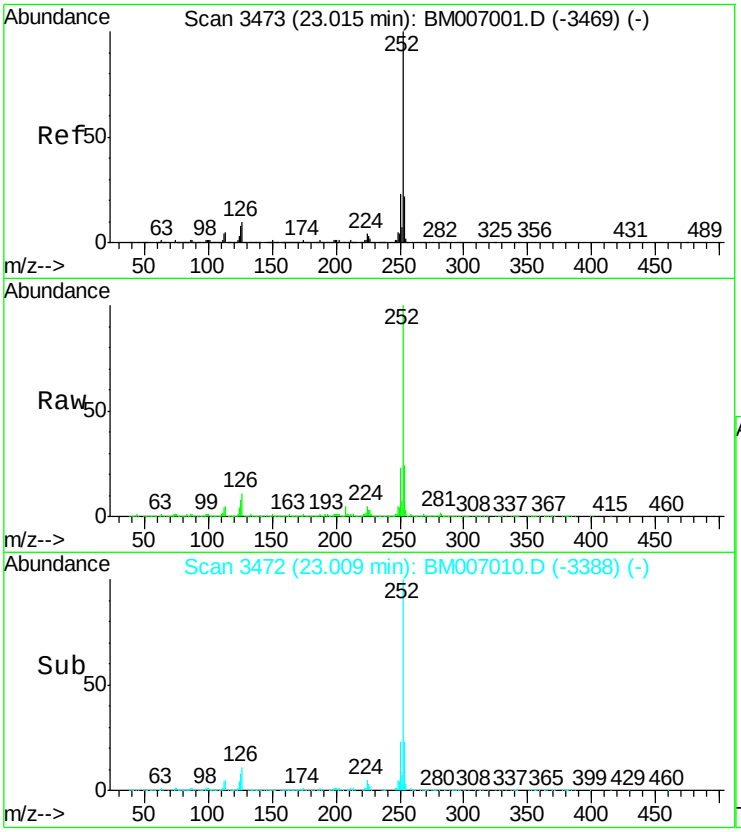


#35
Benzo(b)fluoranthene
Concen: 36.01 ng/ul
RT: 22.97 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:252 Resp: 4460287

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	7.7	6.0	9.0

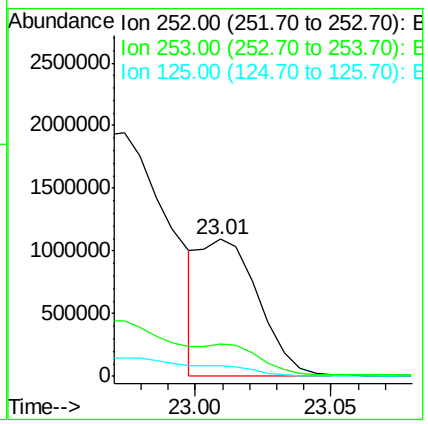




#36
Benzo(k)fluoranthene
Concen: 13.95 ng/ul m
RT: 23.01 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:252 Resp: 1632589

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.6
125	7.7	6.2	9.4



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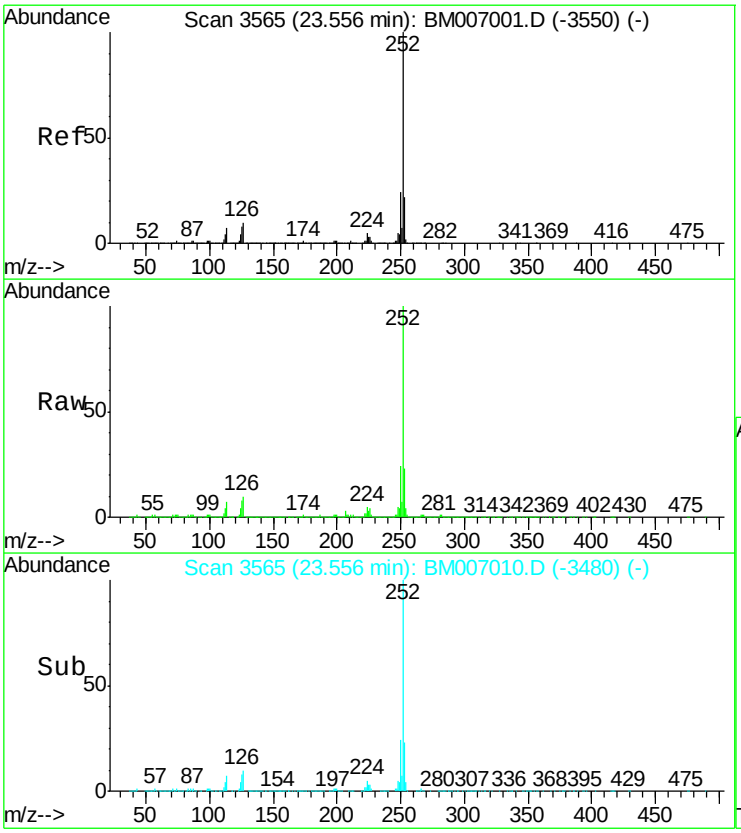
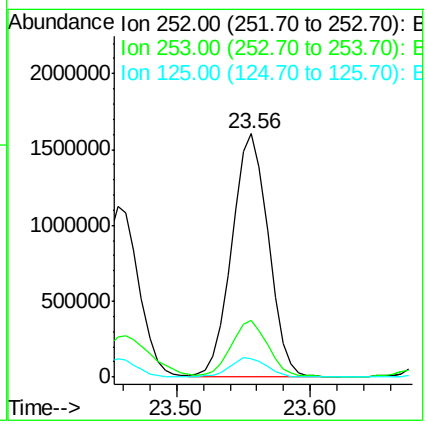
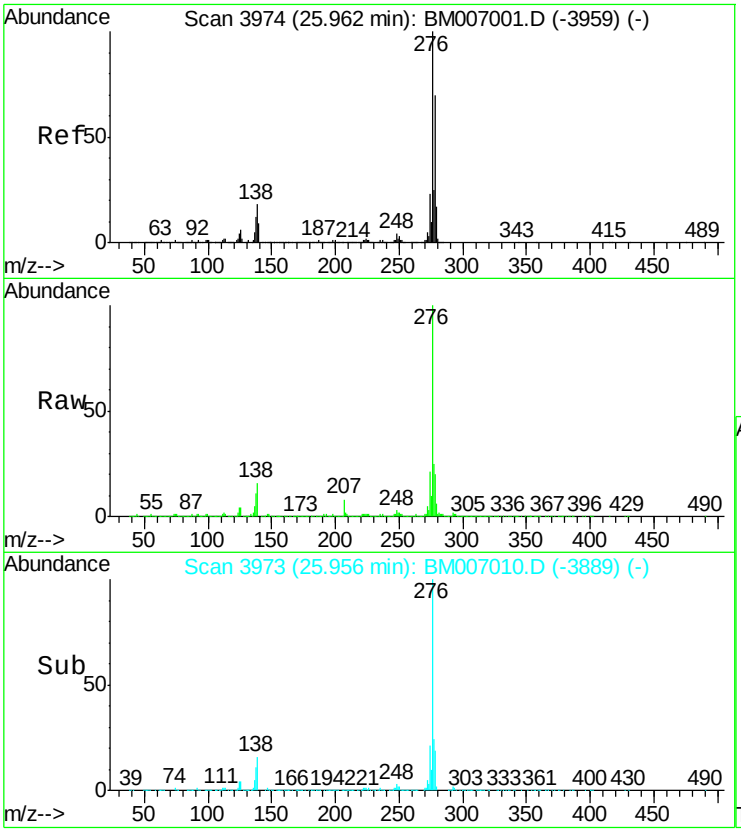


#38
Benzo(a)pyrene
Concen: 26.55 ng/ul
RT: 23.56 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:252 Resp: 3025198

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	7.7	6.8	10.2

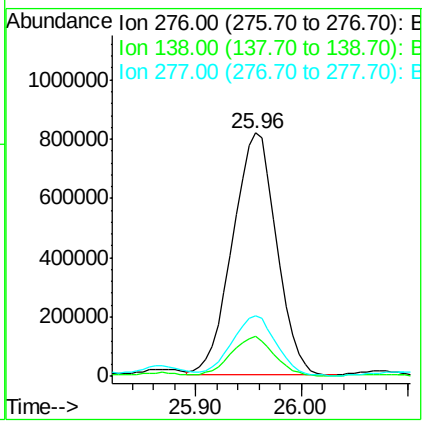




#39
Indeno(1,2,3-cd)pyrene
Concen: 20.94 ng/ul
RT: 25.96 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:276 Resp: 2366444

Ion	Ratio	Lower	Upper
276	100		
138	16.3	14.9	22.3
277	25.0	19.8	29.6



Instrument :
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ClientSampleId :
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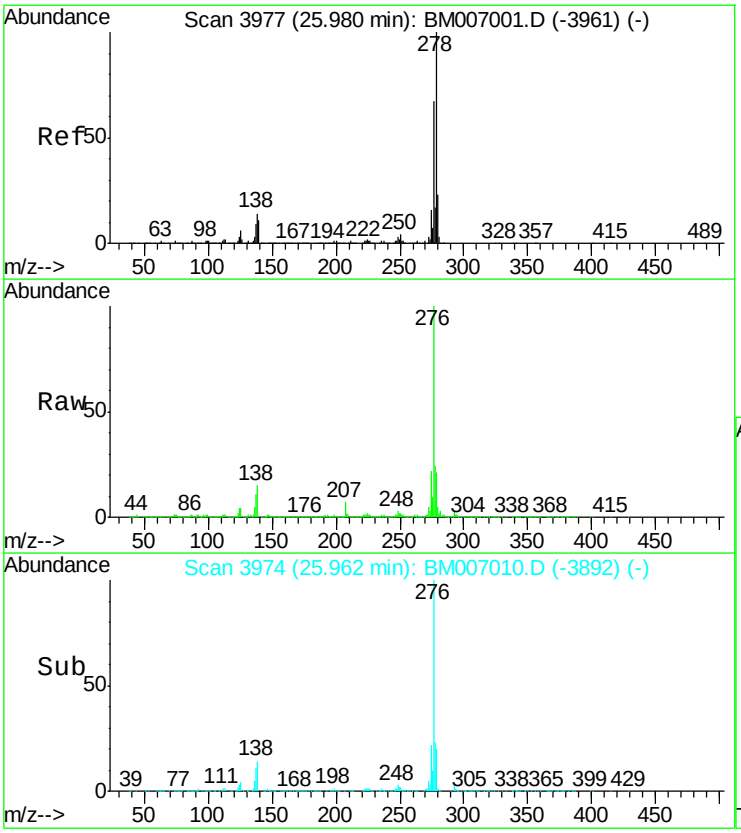
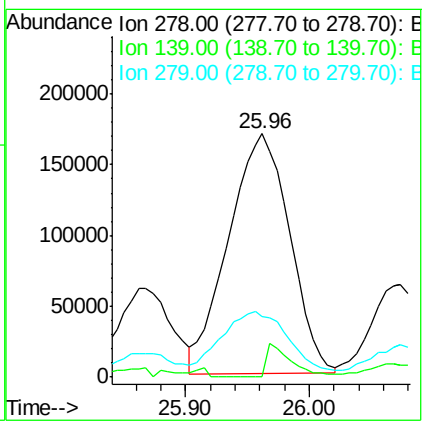
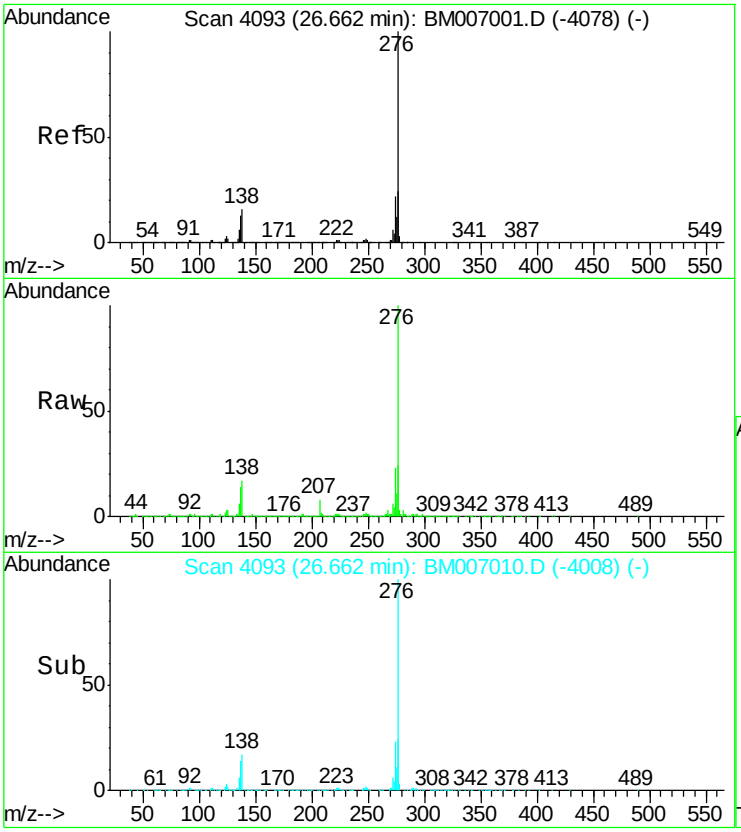


#40
Dibenzo(a,h)anthracene
Concen: 6.21 ng/ul m
RT: 25.96 min Scan# 3974
Delta R.T. -0.02 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:278 Resp: 580999

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.3	15.5#
279	25.1	18.8	28.2

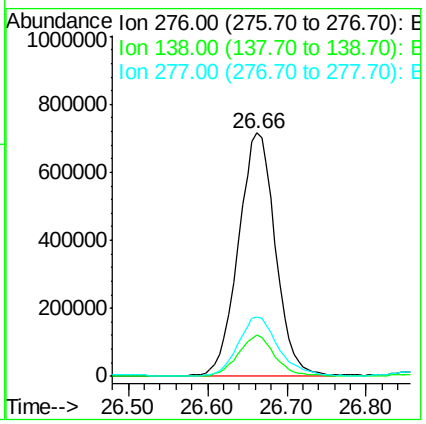




#41
Benzo(g,h,i)perylene
Concen: 24.80 ng/ul
RT: 26.66 min Scan# 4093
Delta R.T. 0.00 min
Lab File: BM007010.D
Acq: 10 Aug 2016 21:11

Tgt Ion:276 Resp: 2304185

Ion	Ratio	Lower	Upper
276	100		
138	16.9	14.0	21.0
277	24.1	19.6	29.4



Instrument :
BNA_M
ClientSampleId :
DA0H5

Manual Integrations APPROVED
umangi
8/11/2016 6:37:41 AM