Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005681.D
Acq On : 06 Jun 2016 22:05
Operator : UM/SJ
Sample : H3412-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XT3

Manual Integrations APPROVED
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6/7/2016 7:13:59 PM

Quant Time: Jun 07 05:09:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	94808	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	383267	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	187766	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	382411	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	393712	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	410733	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	2408	1.07	ng/uL	0.00
3) Phenol-d5	6.94	99	78508	9.42	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	59591	11.75	ng/ul	0.00
5) 2-Chlorophenol-d4	7.30	132	73076	10.63	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	44139	6.70	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	34467	11.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	35171	11.17	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	60651	10.84	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	44019	6.62	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	184613	12.79	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	237361	12.64	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	13594m	6.58	ng/ul	0.01
21) Fluorene-d10	15.39	176	162220	13.08	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	8054	4.47	ng/ul	0.00
26) Anthracene-d10	17.24	188	235076	12.94	ng/ul	0.00
30) Pyrene-d10	19.54	212	254768	12.87	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	249356	13.19	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.60	128	50562	2.60	ng/ul	98
13) 2-Methylnaphthalene	12.22	142	53394	3.94	ng/ul	96
14) 1-Methylnaphthalene	12.43	142	42093	3.16	ng/ul	95
18) Acenaphthylene	14.12	152	41221	2.12	ng/ul	96
22) Fluorene	15.45	166	16055	1.18	ng/ul#	96
25) Phenanthrene	17.19	178	323703	15.33	ng/ul	98
27) Anthracene	17.28	178	65759	3.07	ng/ul	99
28) Fluoranthene	19.20	202	503422	23.33	ng/ul	98
31) Pyrene	19.57	202	448858	18.07	ng/ul	97
32) Benzo(a)anthracene	21.31	228	285249	12.35	ng/ul	97
33) Chrysene	21.36	228	261963	12.01	ng/ul	98
35) Benzo(b)fluoranthene	22.91	252	396267	16.00	ng/ul#	98
36) Benzo(k)fluoranthene	22.94	252	114892m	4.94	ng/ul	
38) Benzo(a)pyrene	23.49	252	269812	11.32	ng/ul#	96
39) Indeno(1,2,3-cd)pyrene	25.87	276	188037	6.67	ng/ul	95
40) Dibenzo(a,h)anthracene	25.87	278	49958	2.11	ng/ul#	81
41) Benzo(g,h,i)perylene	26.58	276	177190	7.49	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005681.D
Acq On : 06 Jun 2016 22:05
Operator : UM/SJ
Sample : H3412-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 07 05:09:07 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
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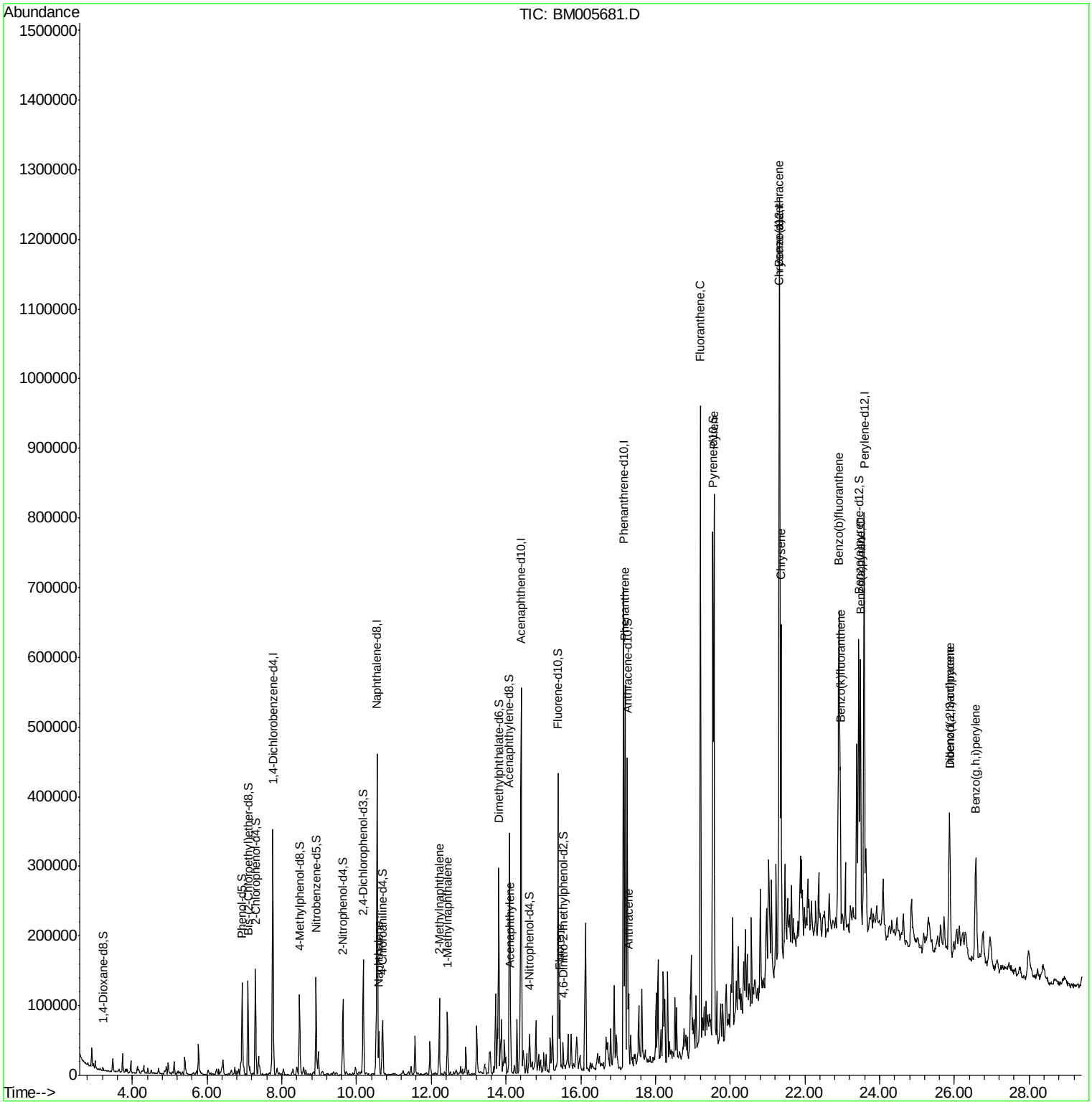
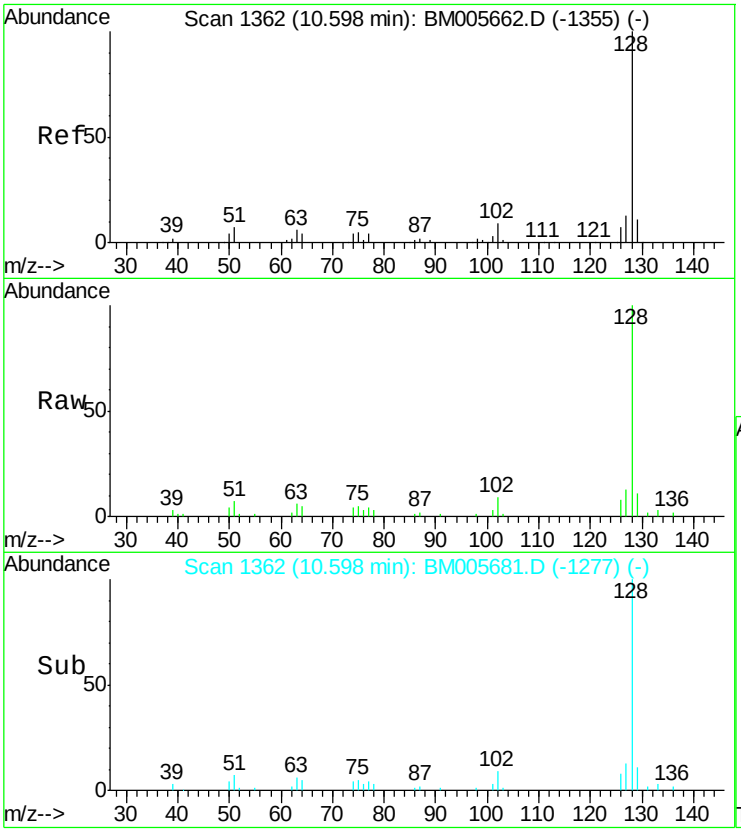
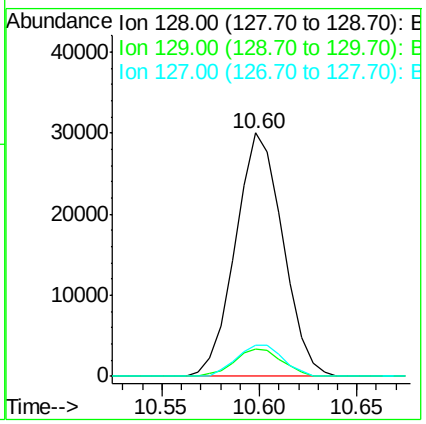




#11
Naphthalene
Concen: 2.60 ng/ul
RT: 10.60 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:128 Resp: 50562

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.3	12.5
127	12.9	10.8	16.2



Instrument :
BNA_M
ClientSampleId :
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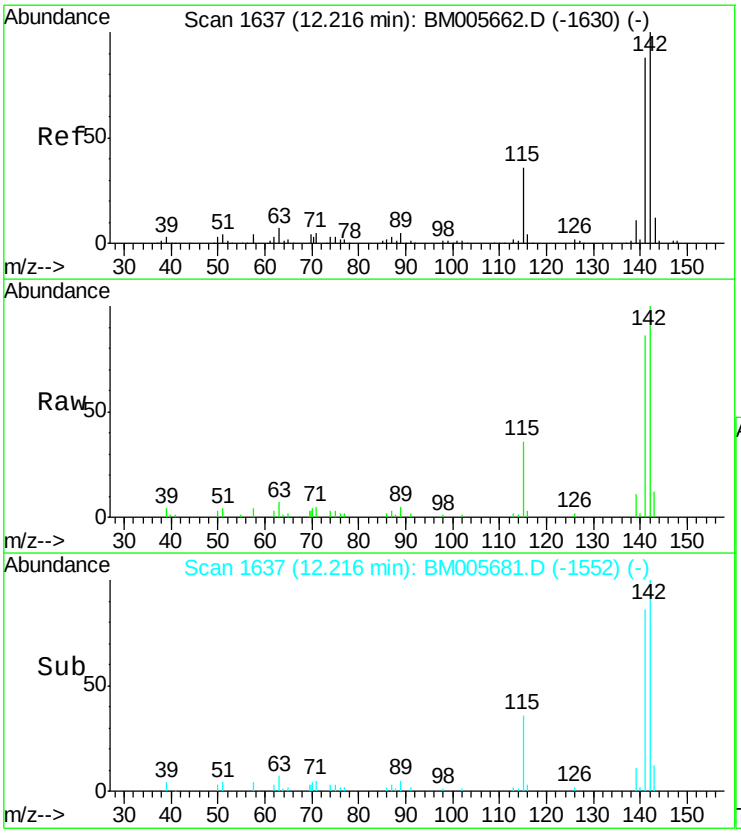
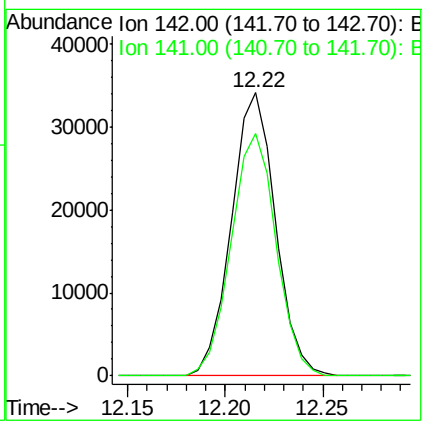
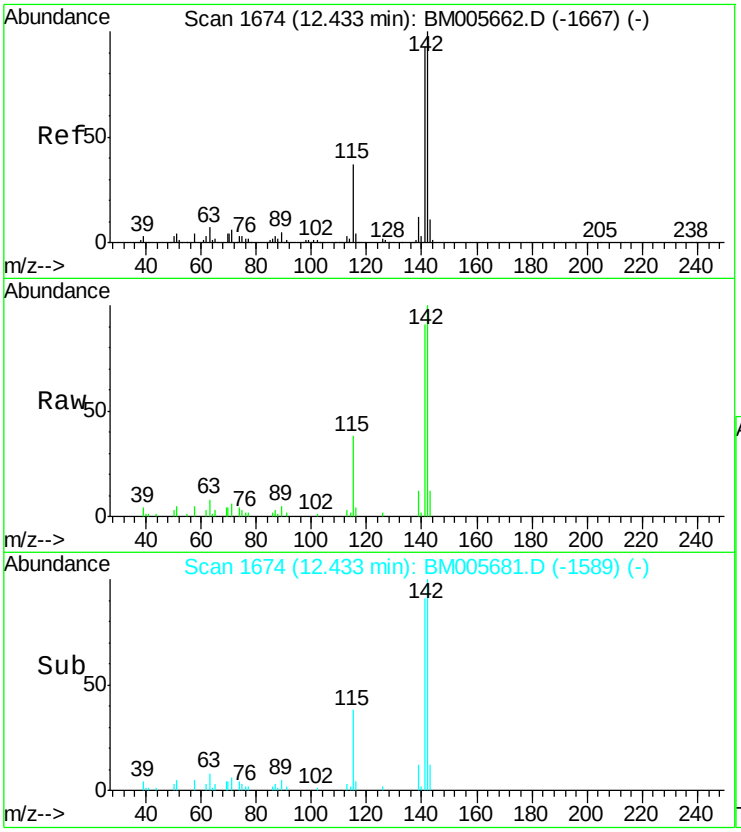


#13
2-Methylnaphthalene
Concen: 3.94 ng/ul
RT: 12.22 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:142 Resp: 53394

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.3	106.9

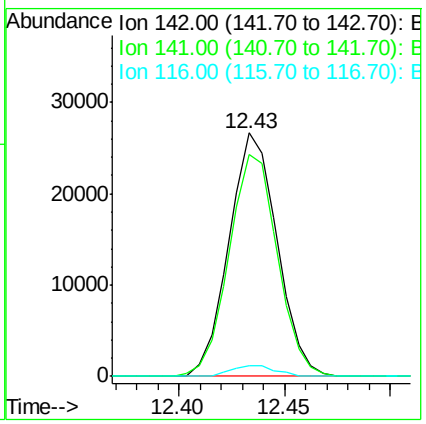




#14
1-Methylnaphthalene
Concen: 3.16 ng/ul
RT: 12.43 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:142 Resp: 42093

Ion	Ratio	Lower	Upper
142	100		
141	91.3	77.0	115.4
116	4.3	4.2	6.4



Instrument :
BNA_M
ClientSampleId :
D9XT3

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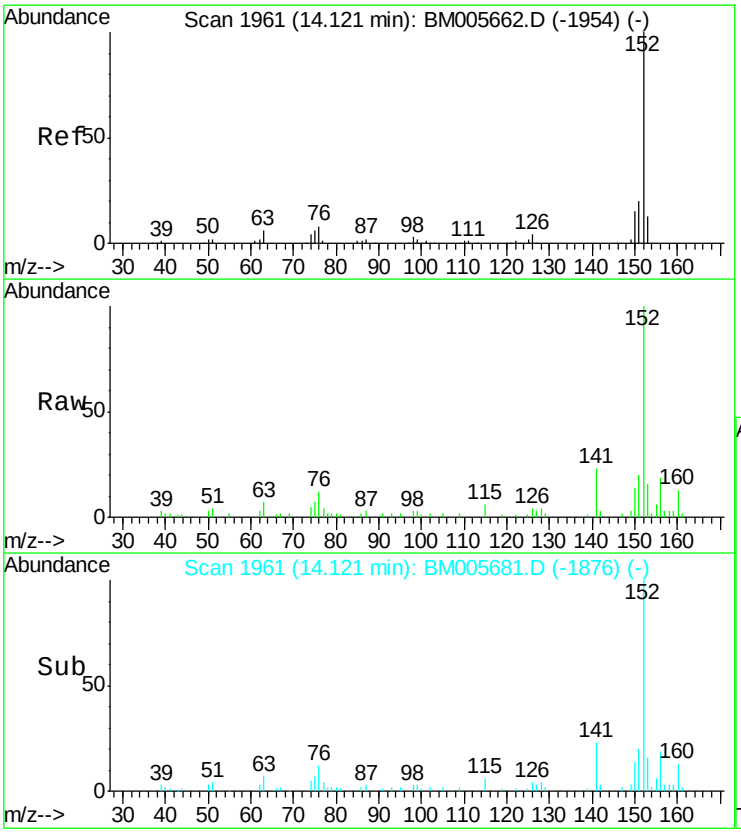
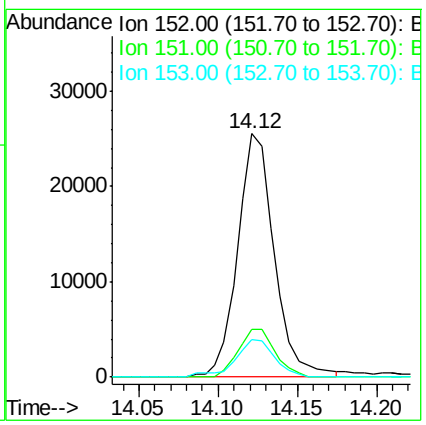
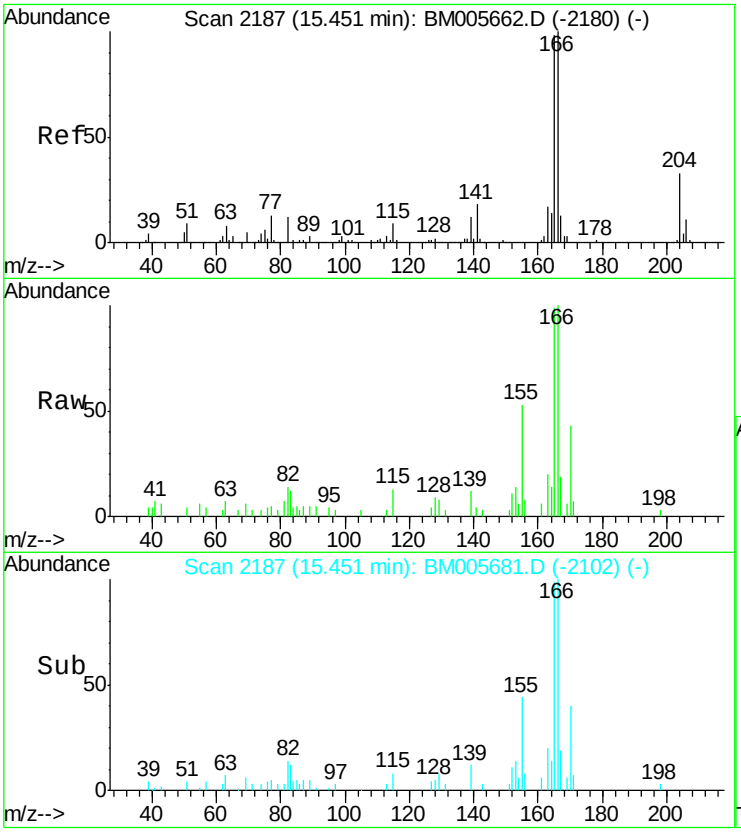


#18
Acenaphthylene
Concen: 2.12 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:152 Resp: 41221

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.3	25.9
153	15.6	11.1	16.7

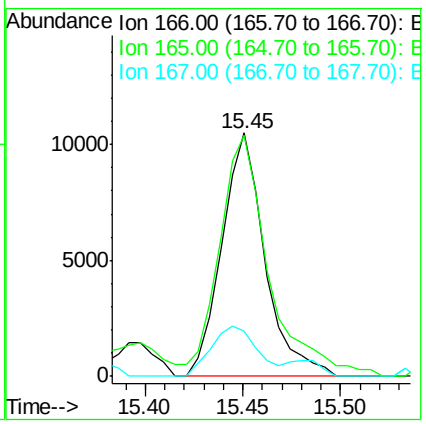




#22
Fluorene
Concen: 1.18 ng/ul
RT: 15.45 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:166 Resp: 16055

Ion	Ratio	Lower	Upper
166	100		
165	99.1	81.1	121.7
167	18.6	10.6	16.0#



Instrument :
BNA_M
ClientSampleId :
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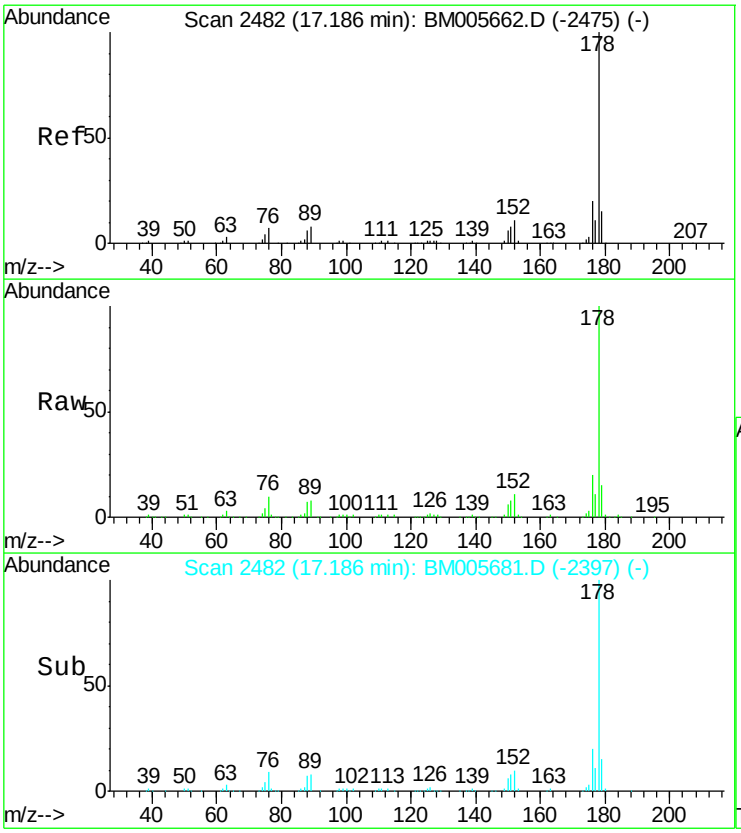
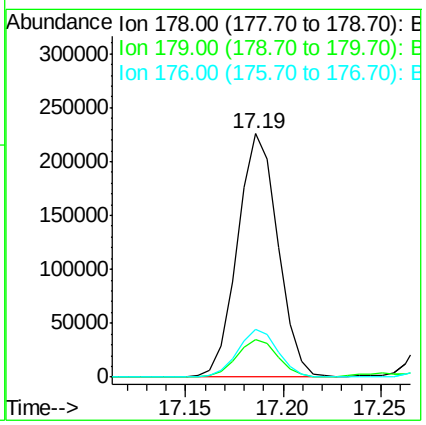
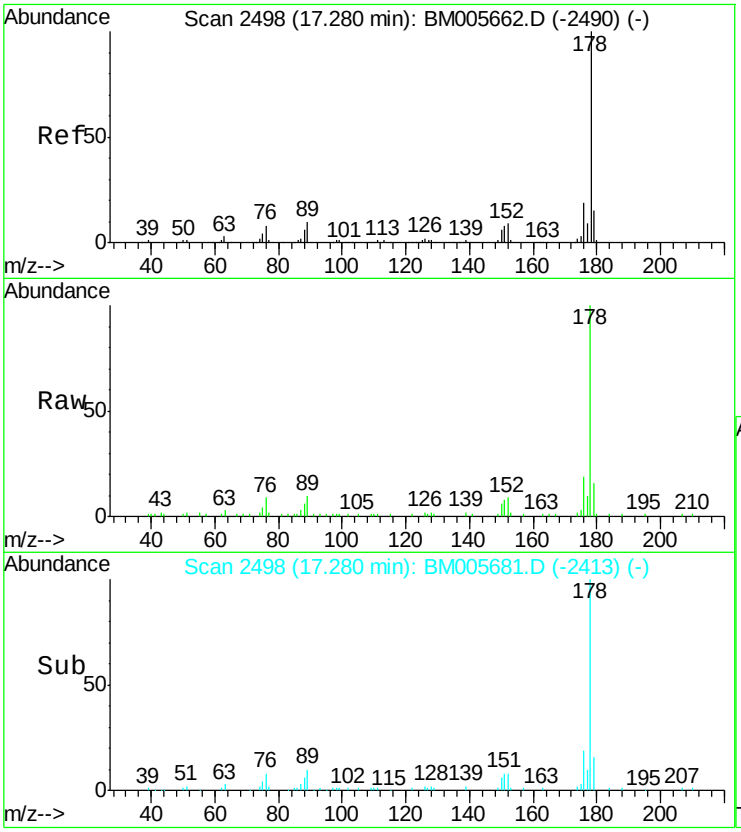


#25
Phenanthrene
Concen: 15.33 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:178 Resp: 323703

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.6	14.8	22.2

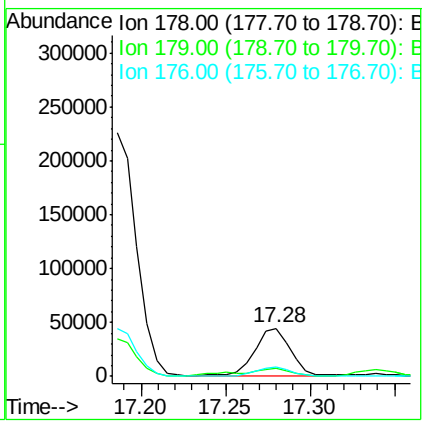




#27
Anthracene
Concen: 3.07 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:178 Resp: 65759

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.9	19.3
176	18.9	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
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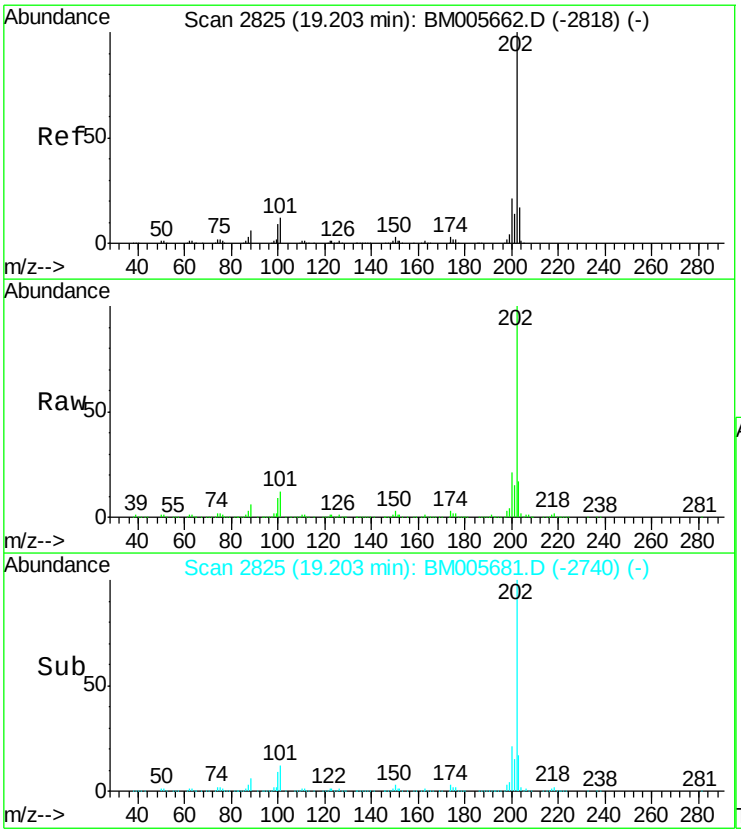
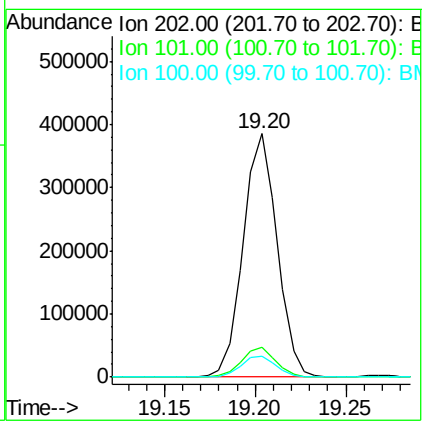
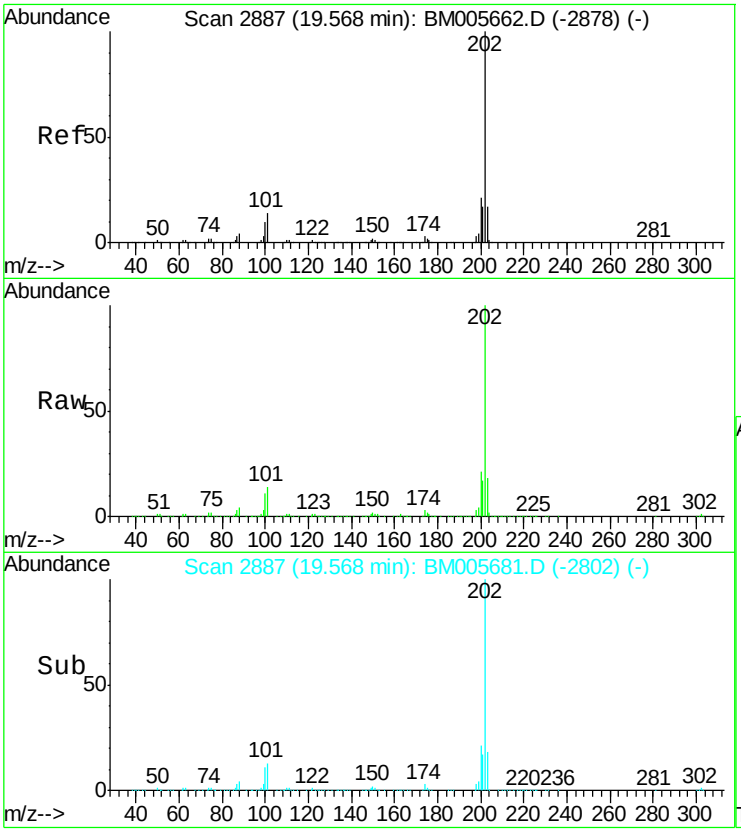


#28
Fluoranthene
Concen: 23.33 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:202 Resp: 503422

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.9	13.3
100	8.8	7.0	10.4





#31
Pyrene
Concen: 18.07 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:202 Resp: 448858

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.8	14.8
100	10.6	9.3	13.9

Instrument :
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ClientSampleId :
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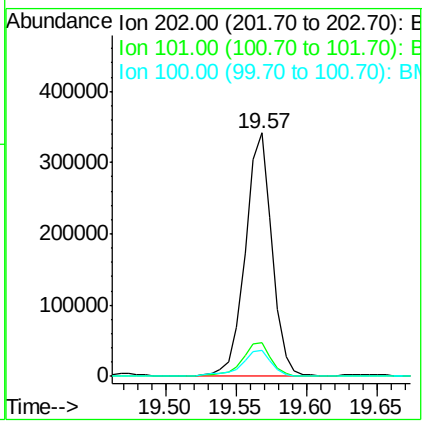
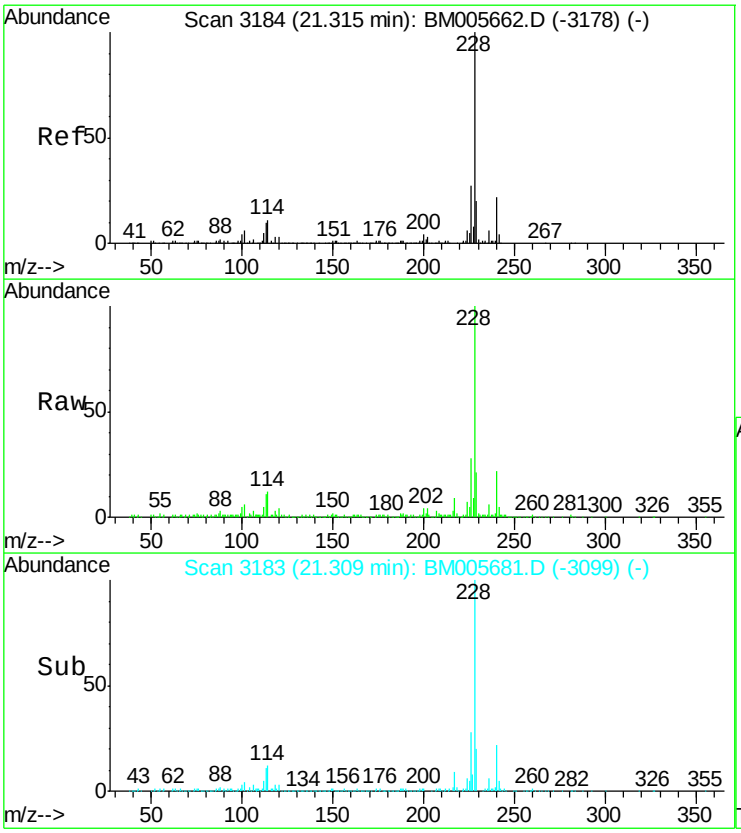
6/7/2016 7:13:59 PM

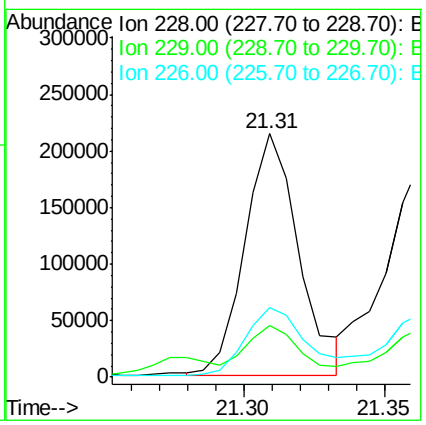


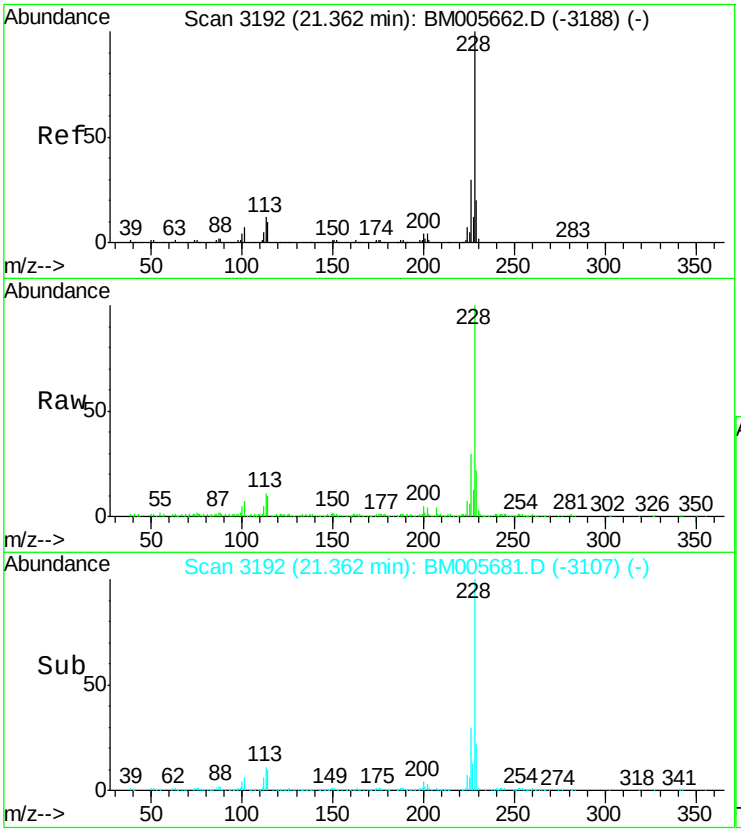


#32
Benzo(a)anthracene
Concen: 12.35 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:228 Resp: 285249

Ion	Ratio	Lower	Upper
228	100		
229	21.3	16.6	25.0
226	28.5	21.0	31.4

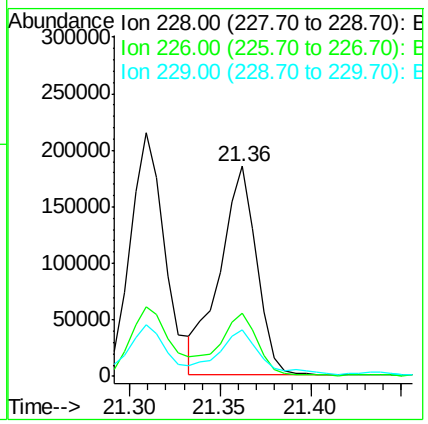




#33
Chrysene
Concen: 12.01 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:228 Resp: 261963

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.2	16.2	24.2



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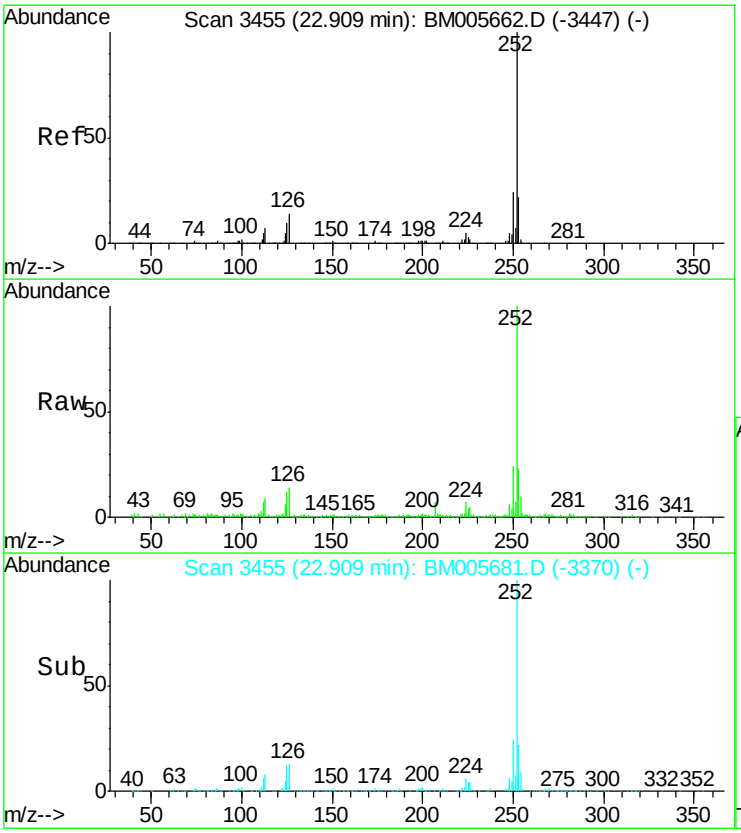
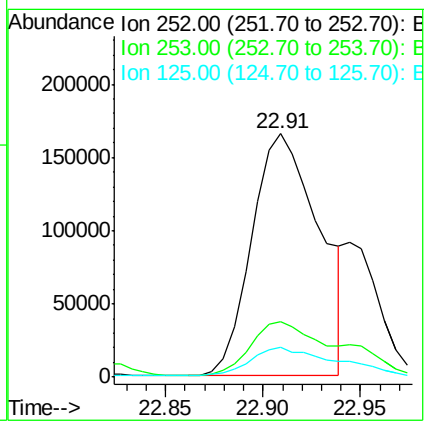
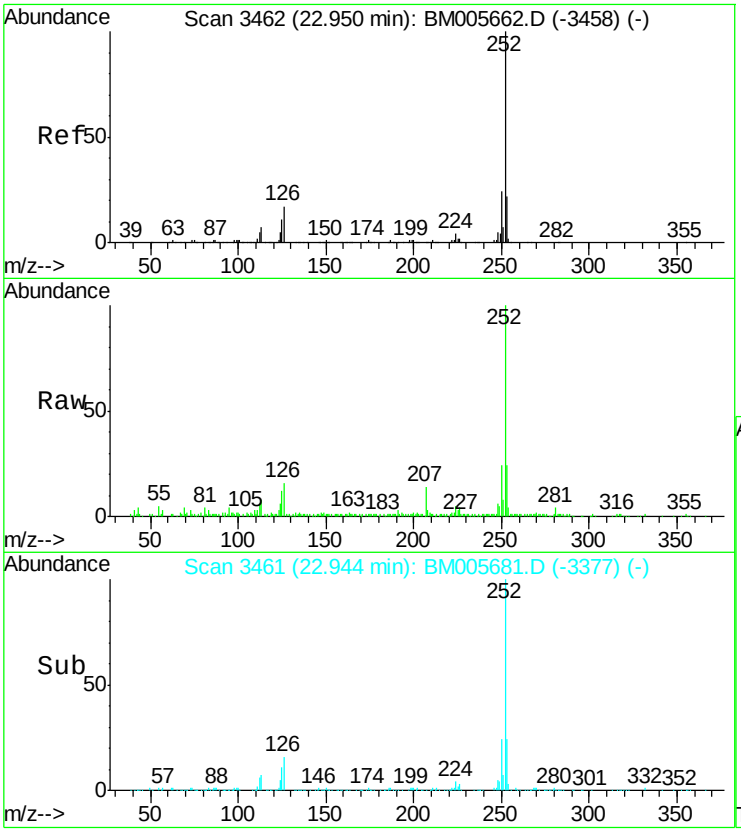


#35
Benzo(b)fluoranthene
Concen: 16.00 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:252 Resp: 396267

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	12.1	7.6	11.4#

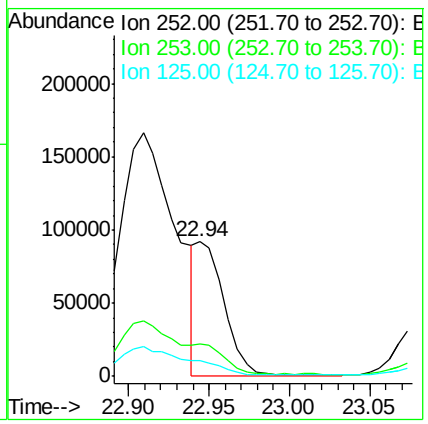




#36
Benzo(k)fluoranthene
Concen: 4.94 ng/ul m
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:252 Resp: 114892

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.8
125	11.8	7.7	11.5#



Instrument :
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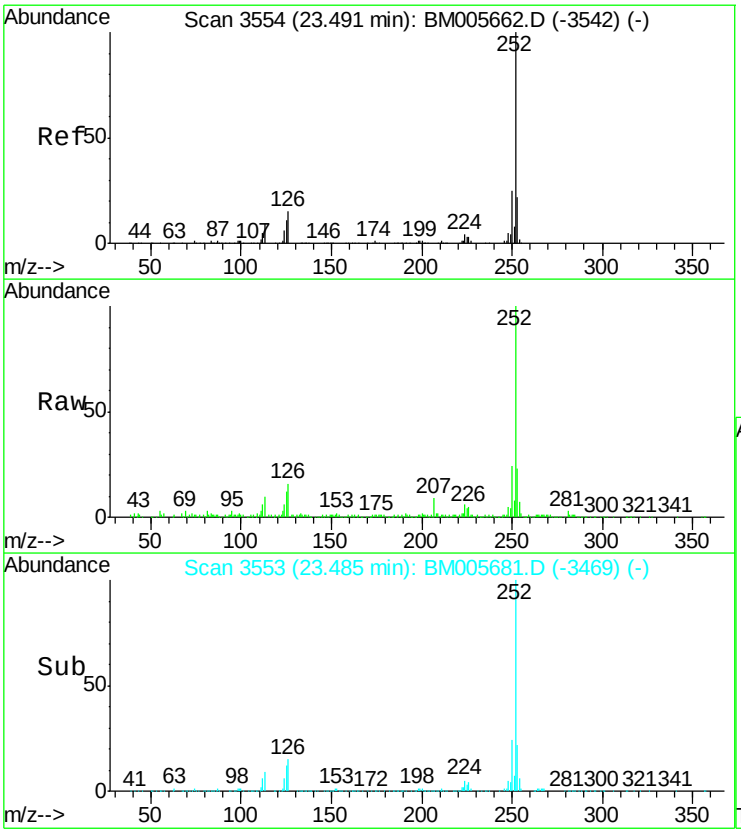
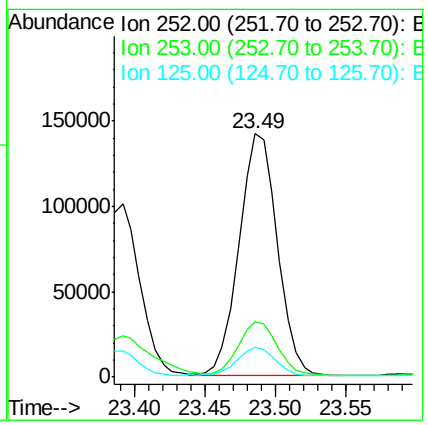
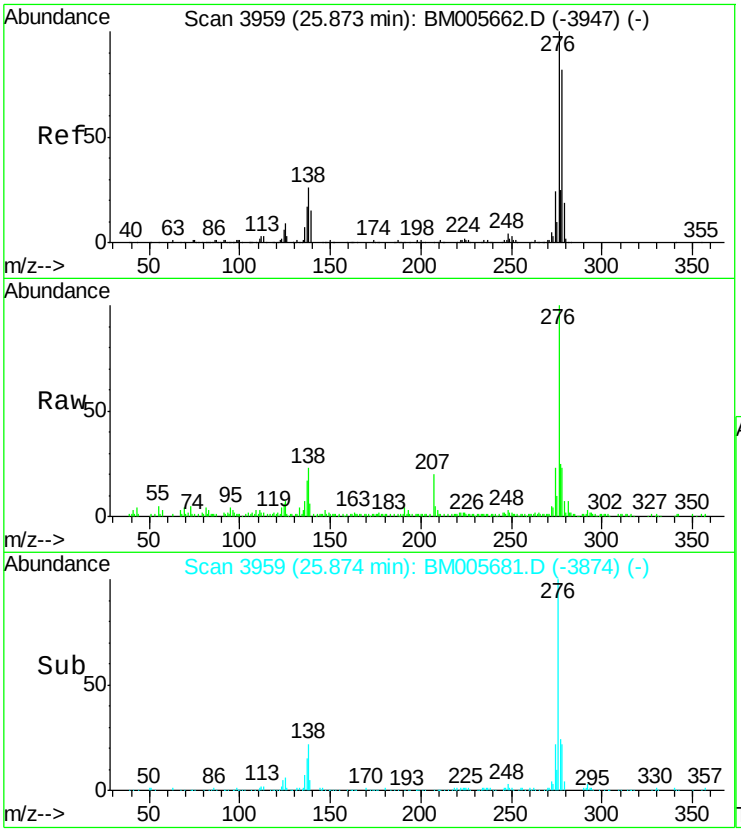


#38
Benzo(a)pyrene
Concen: 11.32 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:252 Resp: 269812

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	12.4	8.2	12.2#

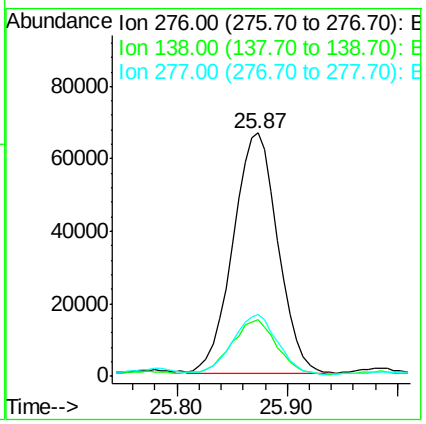




#39
Indeno(1,2,3-cd)pyrene
Concen: 6.67 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:276 Resp: 188037

Ion	Ratio	Lower	Upper
276	100		
138	23.1	15.8	23.6
277	25.4	19.0	28.6



Instrument :
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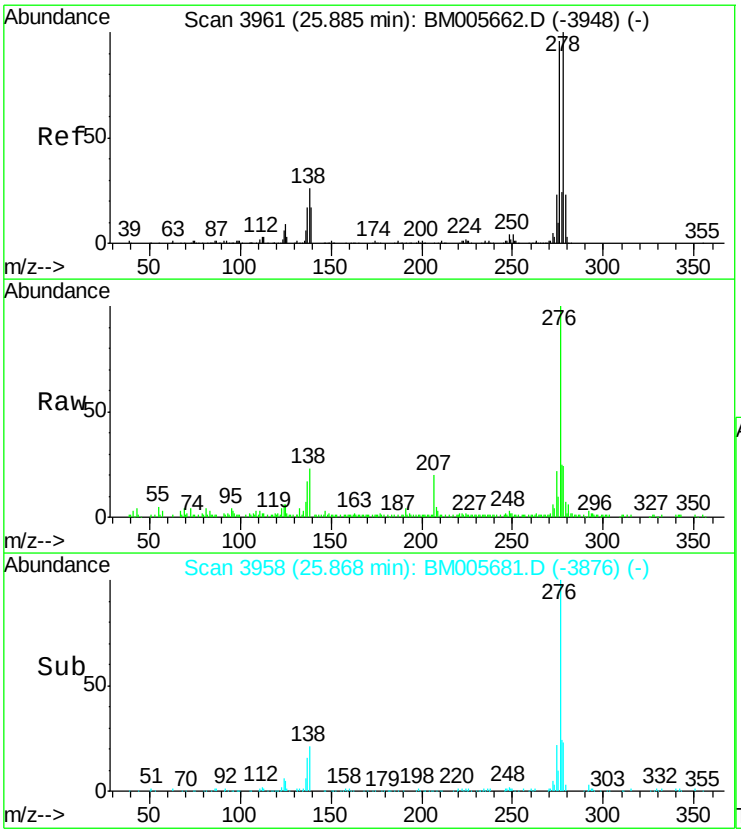
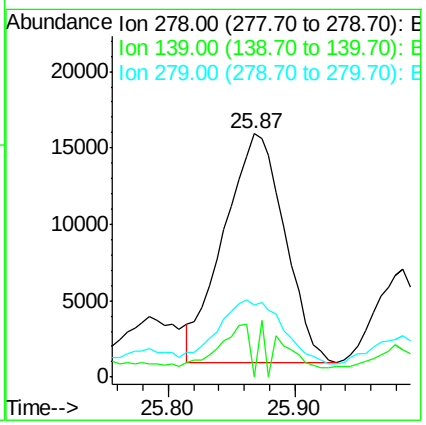
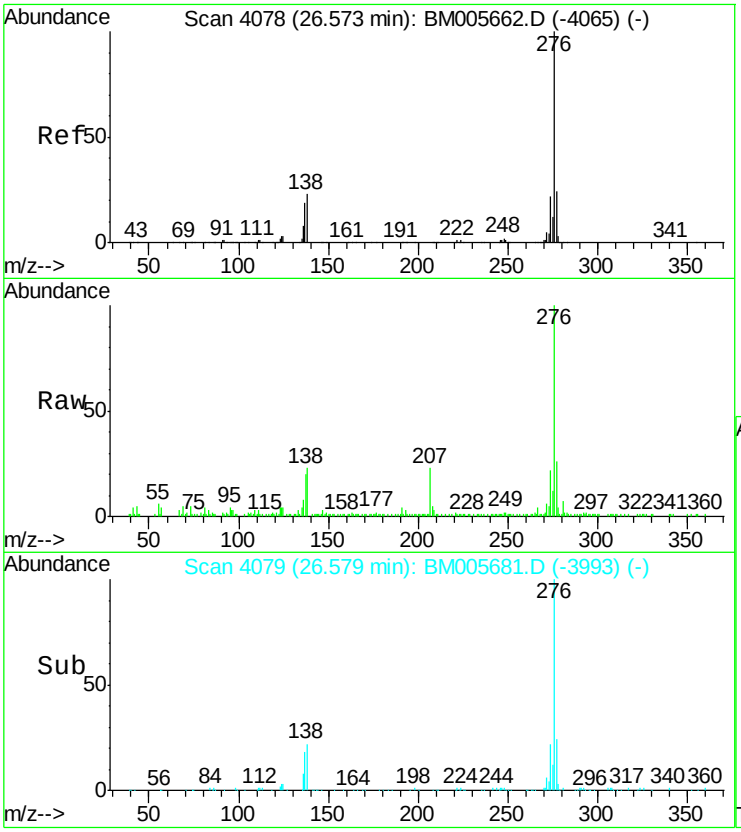


#40
Dibenzo(a,h)anthracene
Concen: 2.11 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:278 Resp: 49958

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.1	18.1#
279	29.4	19.8	29.8

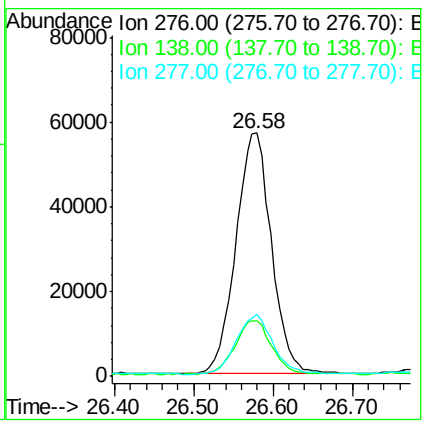




#41
Benzo(g,h,i)perylene
Concen: 7.49 ng/ul
RT: 26.58 min Scan# 4079
Delta R.T. 0.01 min
Lab File: BM005681.D
Acq: 06 Jun 2016 22:05

Tgt Ion:276 Resp: 177190

Ion	Ratio	Lower	Upper
276	100		
138	22.6	13.9	20.9#
277	25.6	19.8	29.6



Instrument :
BNA_M
ClientSampleId :
D9XT3

Manual Integrations APPROVED
sohil
6/7/2016 7:13:59 PM