Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010667.D
Acq On : 22 Jun 2017 19:33
Operator : SJ/JU
Sample : I3522-11ME
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C31ME

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6/26/2017 8:25:58 AM

Quant Time: Jun 23 05:20:04 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	62846	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	272888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	187851	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	470017	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	594443	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	467906	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	3012	2.75	ng/uL	0.00
5) Phenol-d5	6.65	99	76330	12.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	45426	13.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	60809	14.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	66843	13.47	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	31998	16.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	37446	16.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	72454	15.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	83941	16.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	276377	16.76	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	309291	16.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	28545	9.84	ng/ul	0.00
57) Fluorene-d10	15.12	176	237219	16.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	34120	11.82	ng/ul	0.00
70) Anthracene-d10	16.97	188	365645m	16.11	ng/ul	0.00
76) Pyrene-d10	19.27	212	472071	17.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	383660	16.96	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.27	128	40323	2.969	ng/ul#	97
34) 2-Methylnaphthalene	11.90	142	15106	1.384	ng/ul	95
47) Acenaphthylene	13.83	152	38591	2.112	ng/ul	94
53) Dibenzofuran	14.52	168	33097	1.773	ng/ul#	79
58) Fluorene	15.17	166	74944	4.796	ng/ul	92
69) Phenanthrene	16.91	178	297483	11.905	ng/ul	98
71) Anthracene	17.00	178	1795846	69.759	ng/ul	98
72) Carbazole	17.28	167	563333	25.082	ng/ul	98
74) Fluoranthene	18.94	202	891187	27.674	ng/ul#	97
77) Pyrene	19.30	202	794459	23.138	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	380168	10.982	ng/ul	94
82) Chrysene	21.12	228	438455	14.206	ng/ul	98
85) Benzo(b)fluoranthene	22.59	252	660297	21.739	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	220301m	7.651	ng/ul	
88) Benzo(a)pyrene	23.13	252	332859	11.904	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.33	276	201296	6.941	ng/ul	98
90) Dibenzo(a,h)anthracene	25.34	278	56739	2.348	ng/ul	98
91) Benzo(g,h,i)perylene	25.98	276	142163	6.158	ng/ul#	97

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

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Misc :
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Quant Time: Jun 23 05:20:04 2017
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 23 05:06:10 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C31ME

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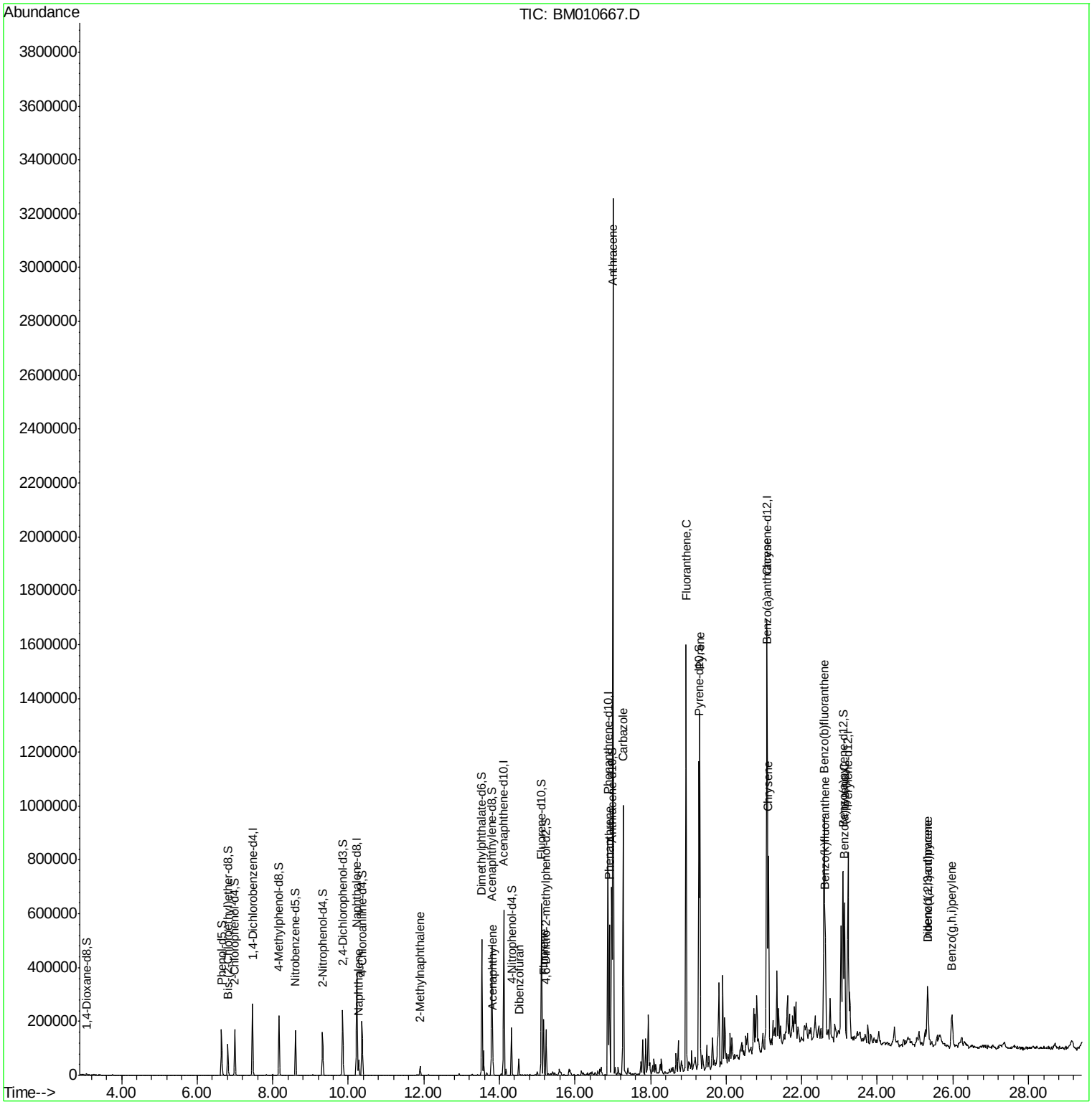
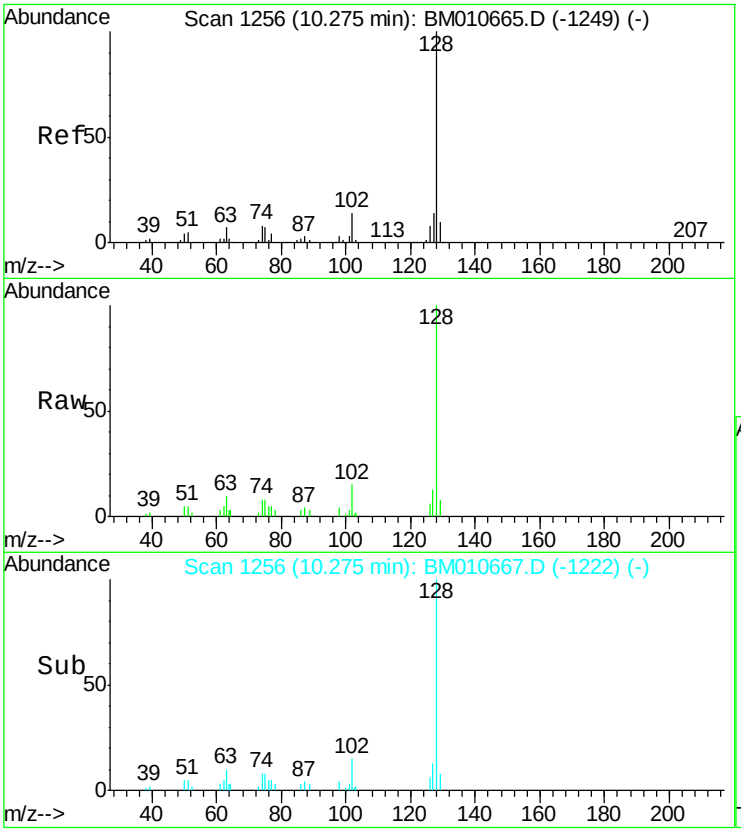
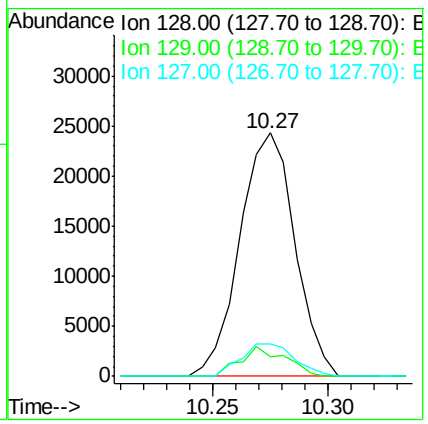




#28
Naphthalene
Concen: 2.969 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:128 Resp: 40323

Ion	Ratio	Lower	Upper
128	100		
129	8.3	8.8	13.2#
127	13.4	10.6	16.0



Instrument :
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ClientSampleId :
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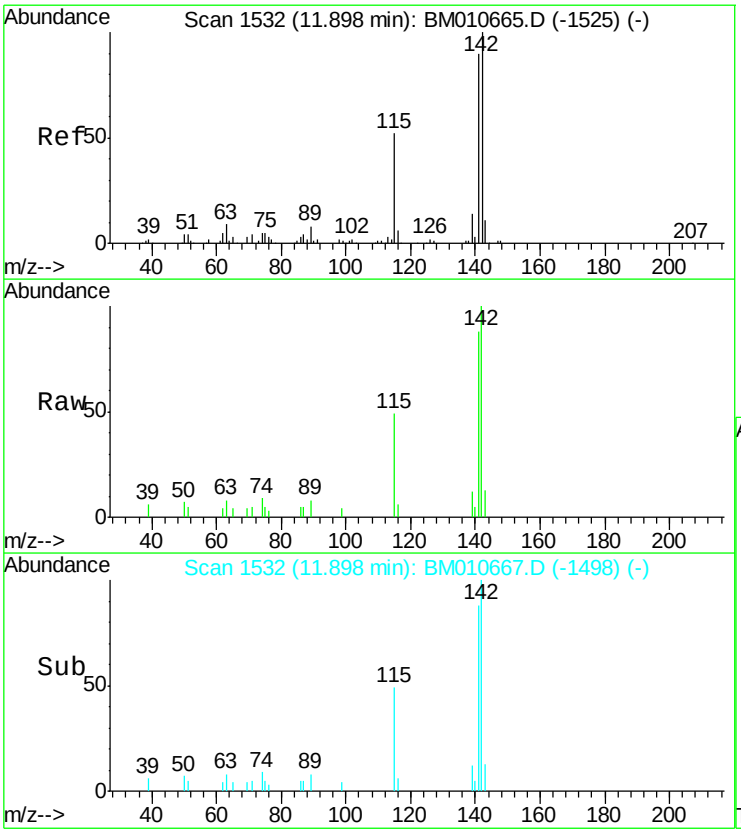
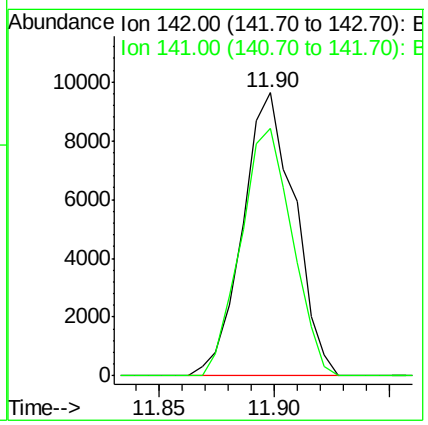
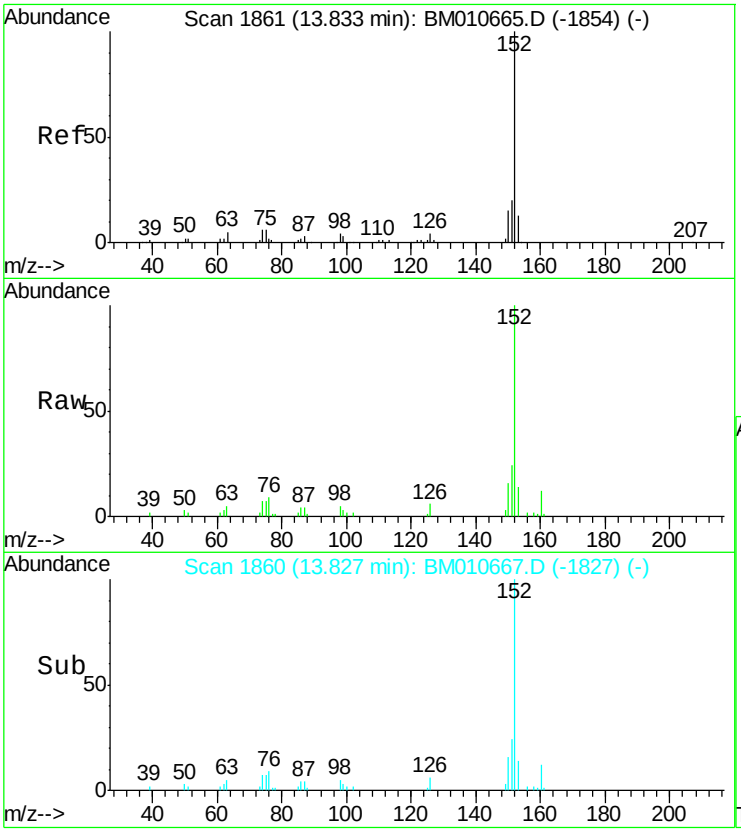


#34
2-Methylnaphthalene
Concen: 1.384 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:142 Resp: 15106

Ion	Ratio	Lower	Upper
142	100		
141	87.6	74.1	111.1

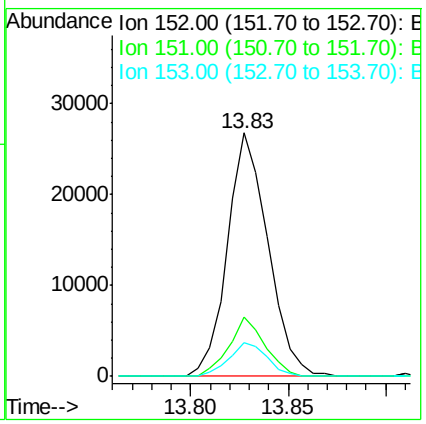




#47
Acenaphthylene
Concen: 2.112 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.01 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:152 Resp: 38591

Ion	Ratio	Lower	Upper
152	100		
151	24.4	16.3	24.5
153	13.8	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
F5C31ME

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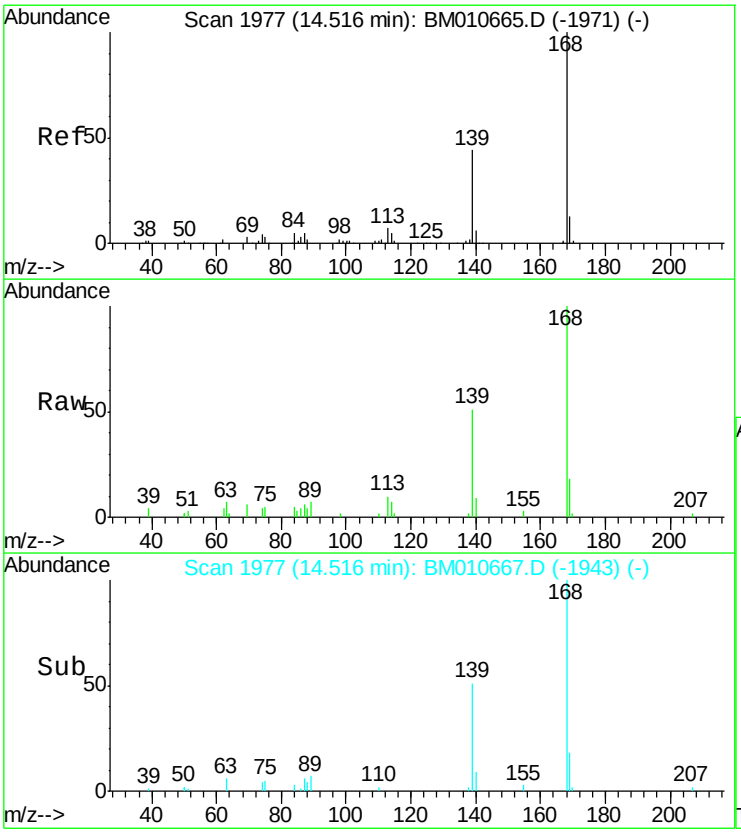
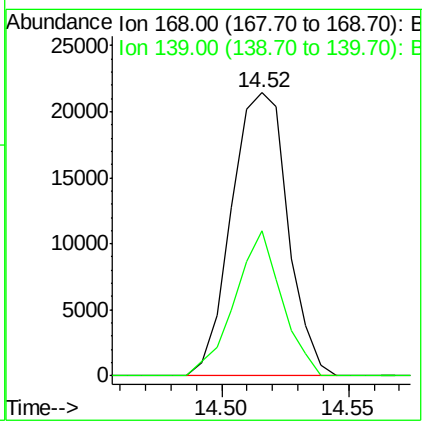
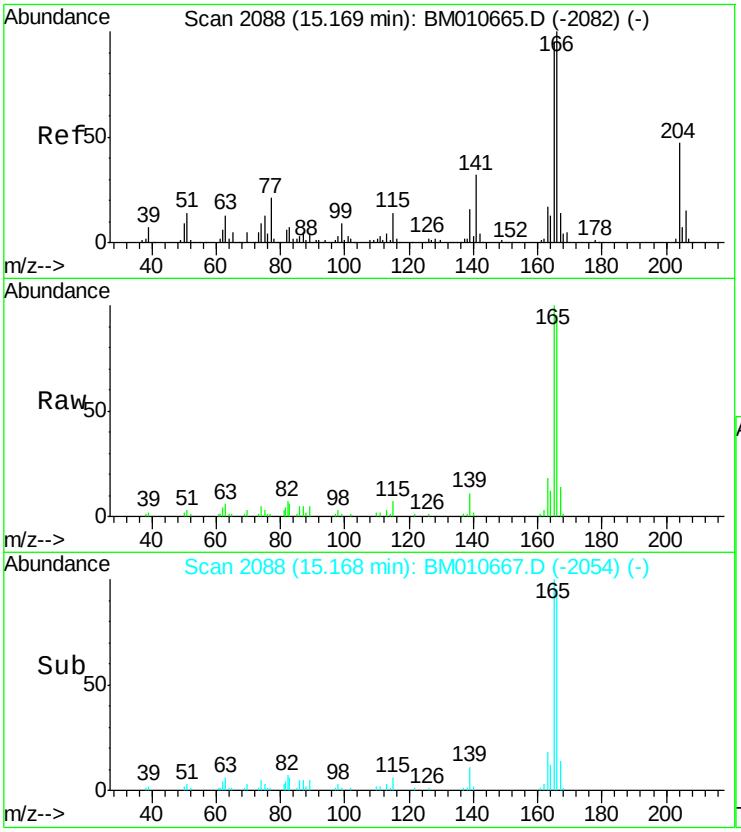


#53
Dibenzofuran
Concen: 1.773 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:168 Resp: 33097

Ion	Ratio	Lower	Upper
168	100		
139	51.3	30.8	46.2#

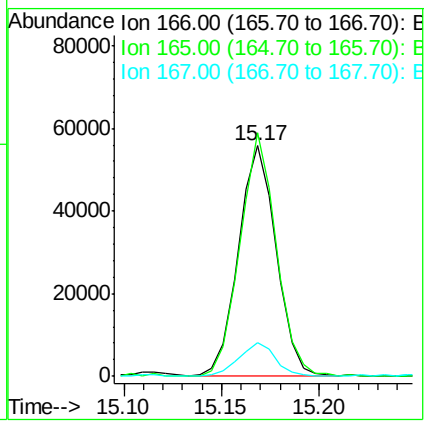




#58
Fluorene
Concen: 4.796 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:166 Resp: 74944

Ion	Ratio	Lower	Upper
166	100		
165	105.6	77.9	116.9
167	14.4	10.6	16.0



Instrument :
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ClientSampleId :
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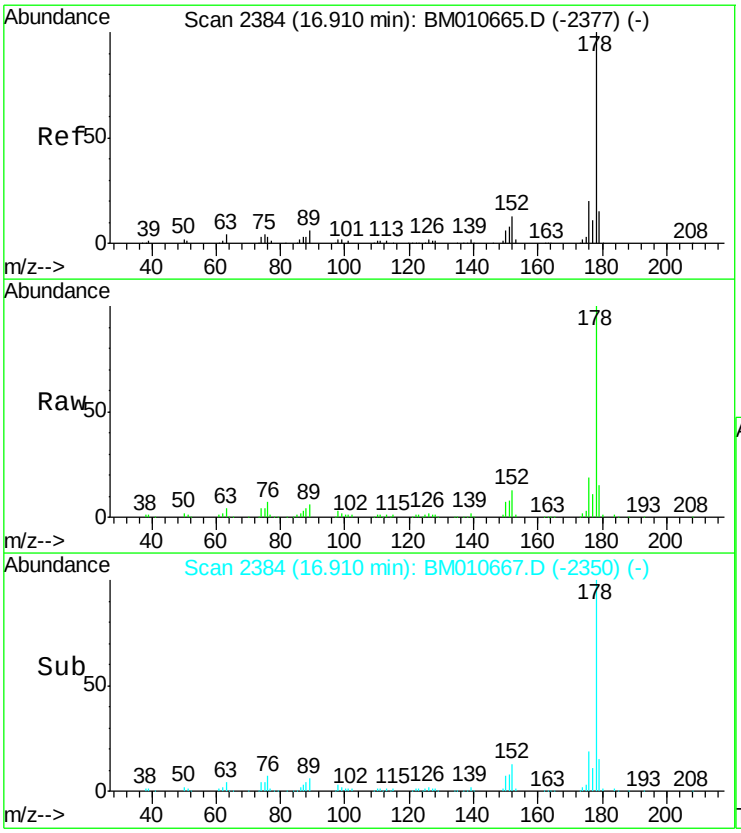
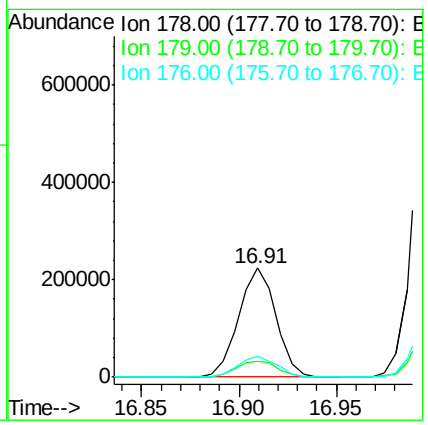
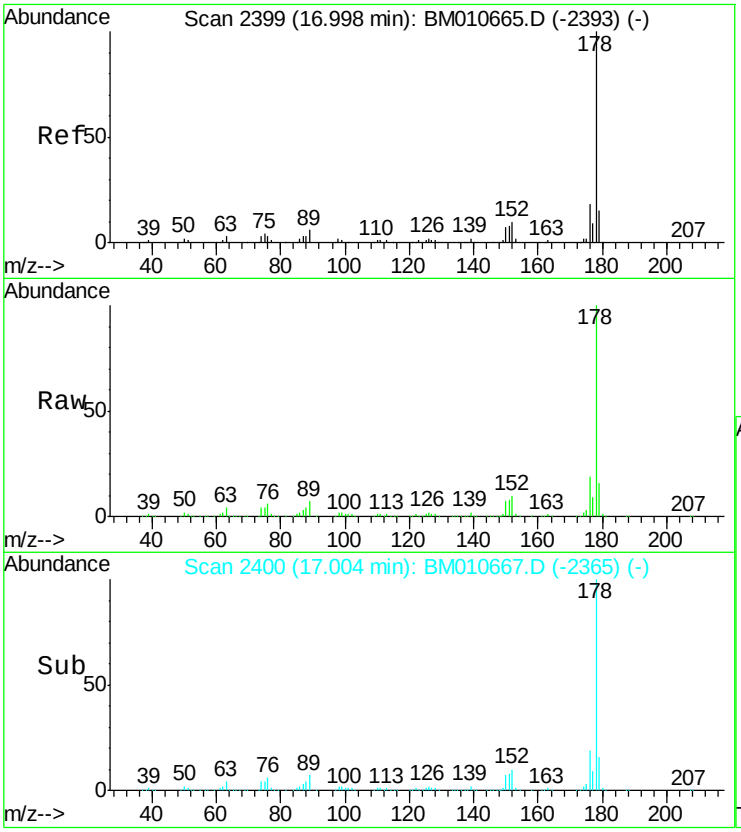


#69
Phenanthrene
Concen: 11.905 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:178 Resp: 297483

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	18.8	14.9	22.3

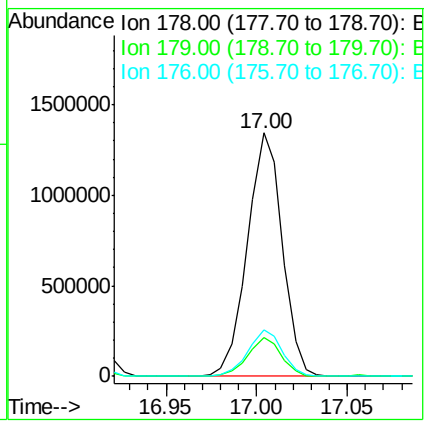




#71
Anthracene
Concen: 69.759 ng/ul
RT: 17.00 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:178 Resp: 1795846

Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	19.0	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
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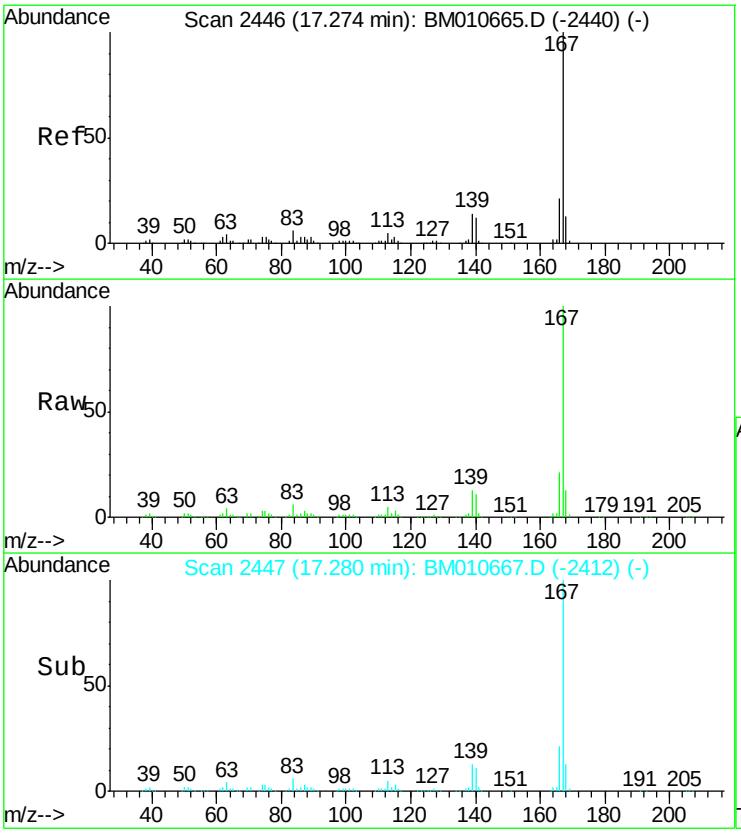
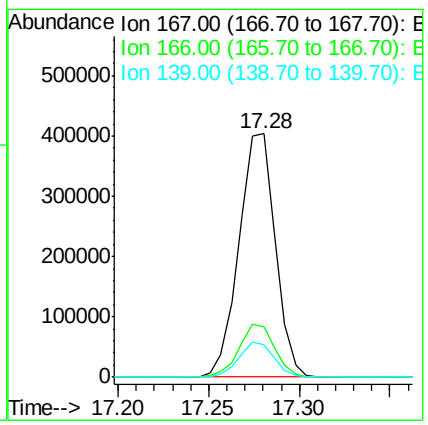
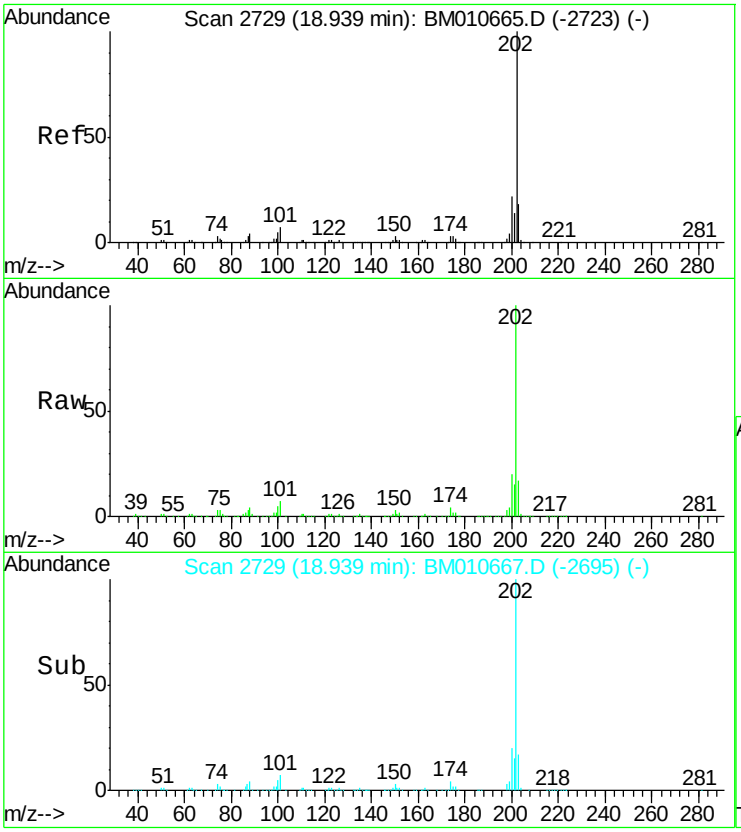


#72
Carbazole
Concen: 25.082 ng/ul
RT: 17.28 min Scan# 2447
Delta R.T. 0.01 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:167 Resp: 563333

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.1	25.7
139	13.5	10.0	15.0





#74
Fluoranthene
Concen: 27.674 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:202 Resp: 891187

Ion	Ratio	Lower	Upper
202	100		
101	6.7	4.6	7.0
100	5.4	3.4	5.2#

Instrument :
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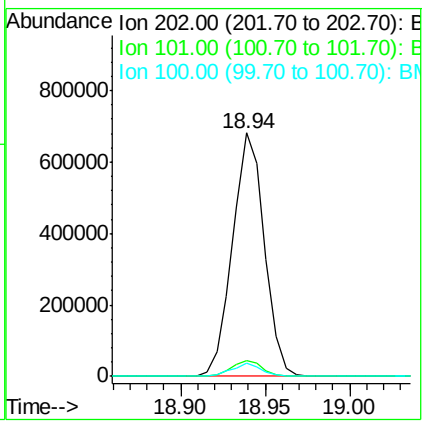
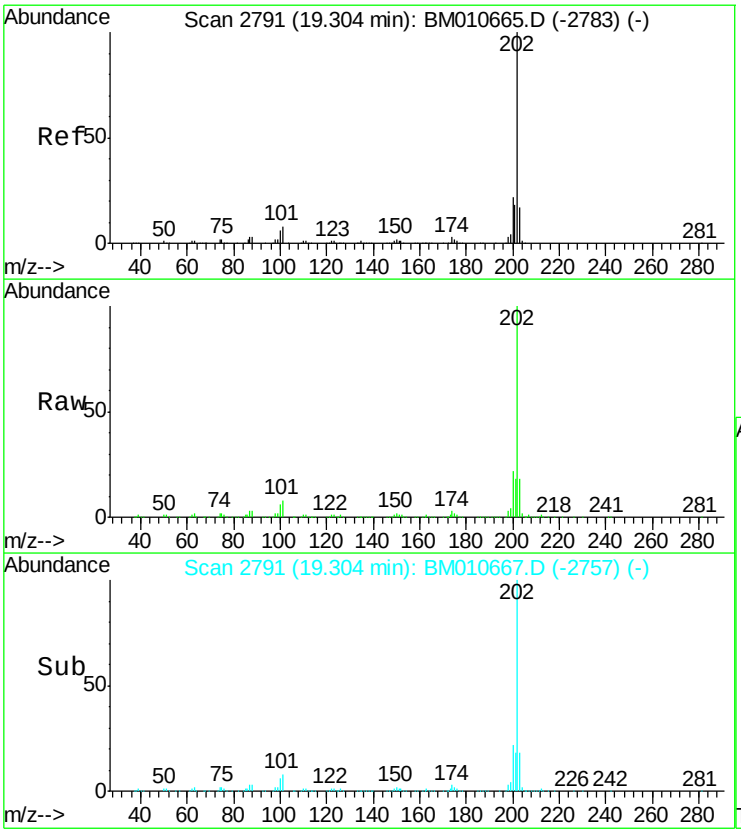
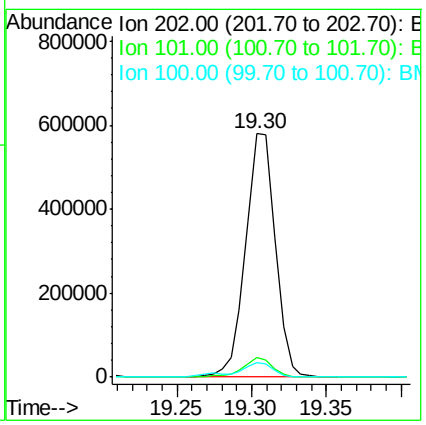


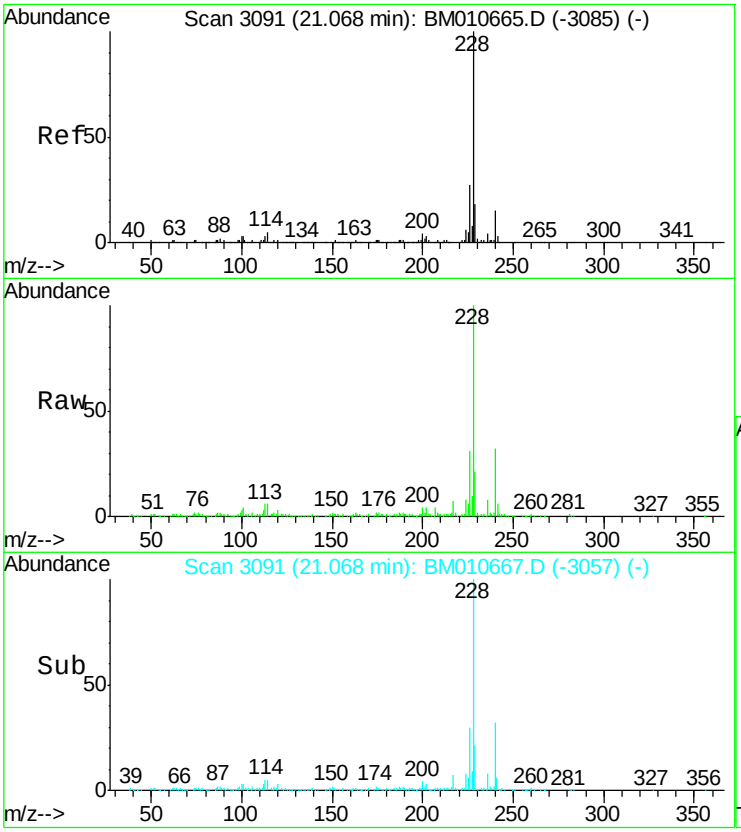


#77
Pyrene
Concen: 23.138 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:202 Resp: 794459

Ion	Ratio	Lower	Upper
202	100		
101	8.2	5.1	7.7#
100	5.8	4.9	7.3

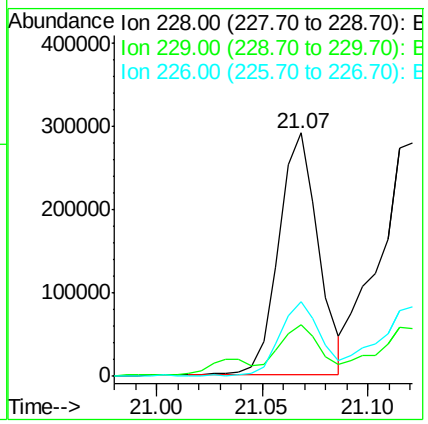




#80
Benzo(a)anthracene
Concen: 10.982 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:228 Resp: 380168

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.4	23.0
226	30.8	21.4	32.0



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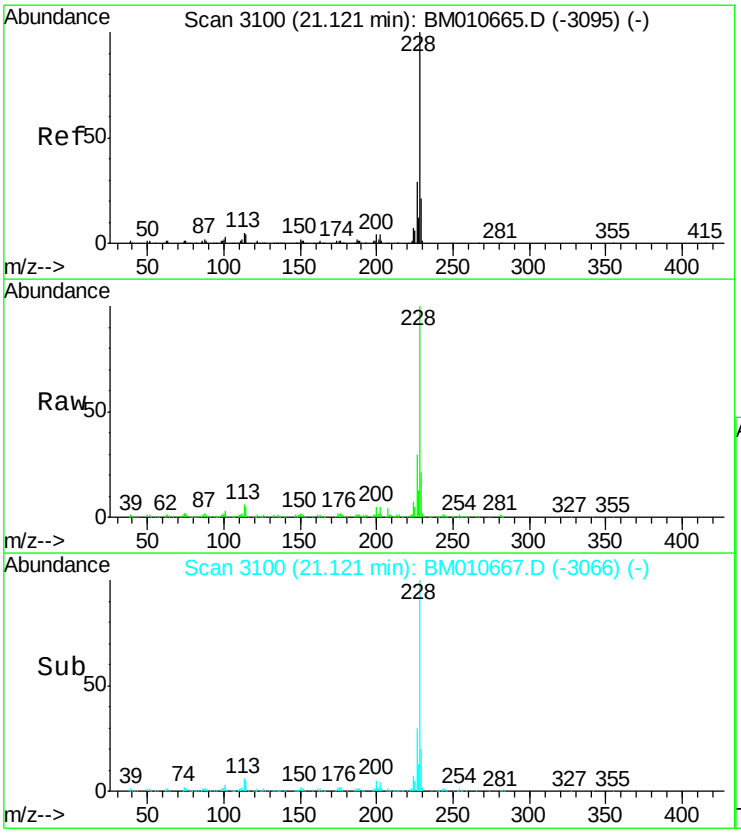
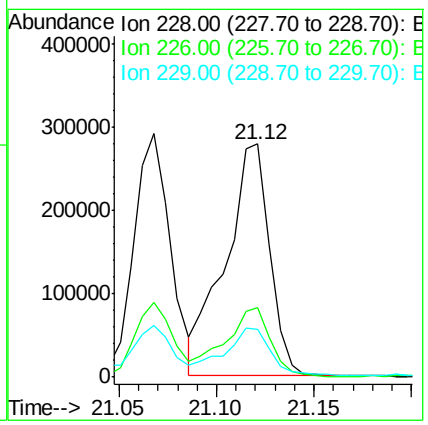
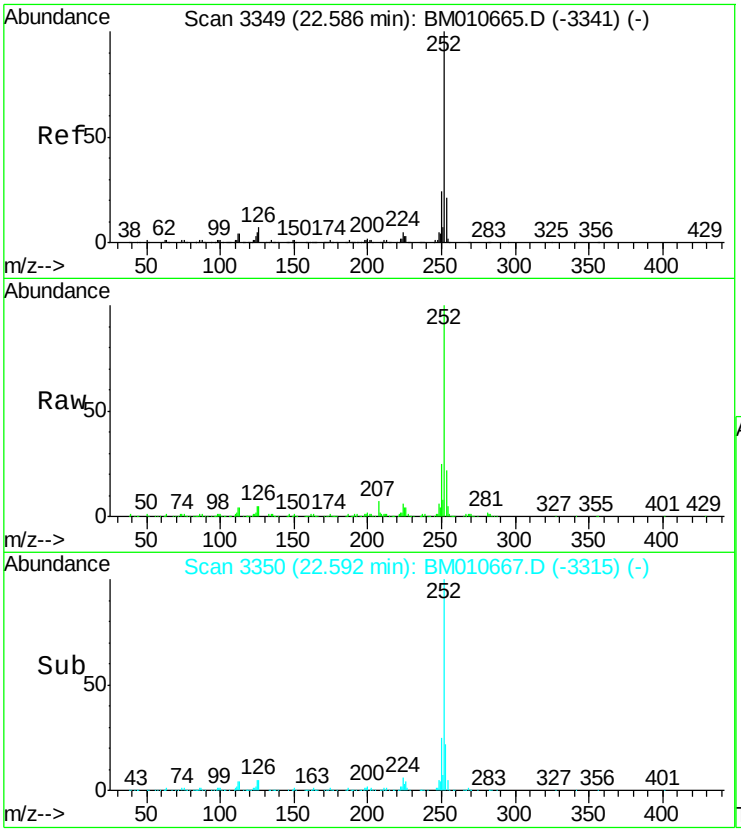


#82
Chrysene
Concen: 14.206 ng/ul
RT: 21.12 min Scan# 3100
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:228 Resp: 438455

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	20.5	15.5	23.3

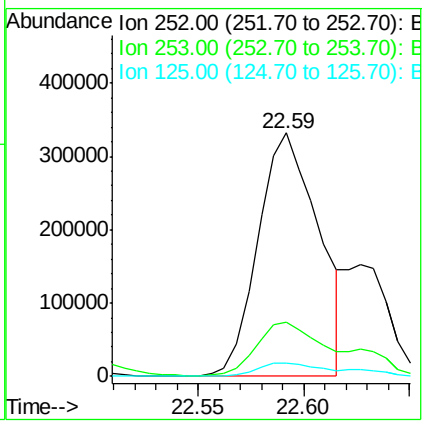




#85
Benzo(b)fluoranthene
Concen: 21.739 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:252 Resp: 660297

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	5.3	3.6	5.4



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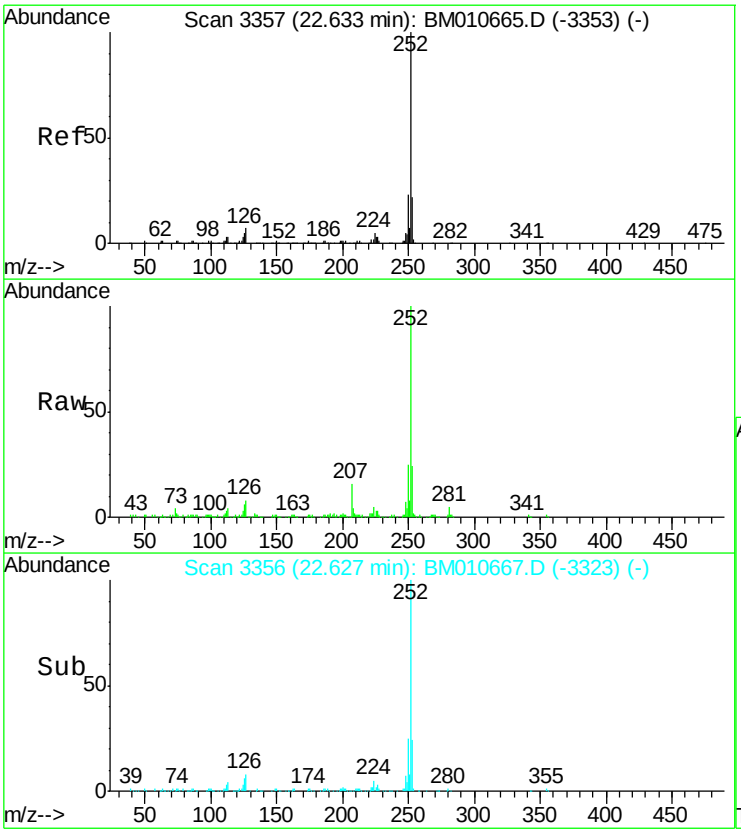
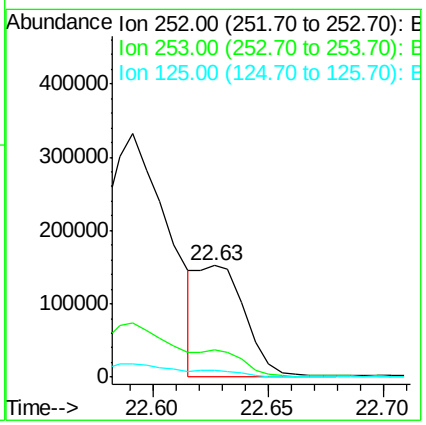
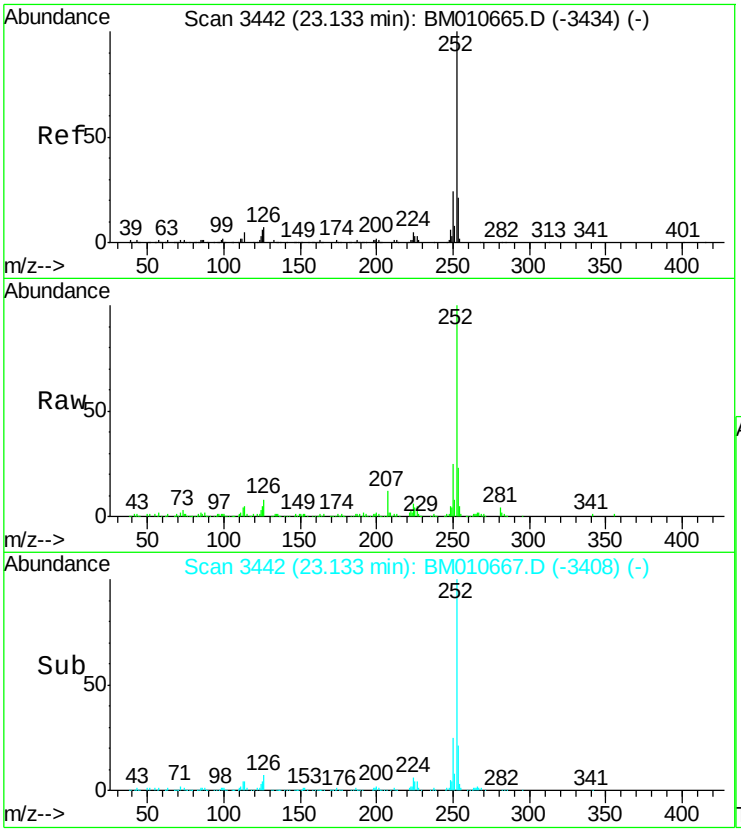


#86
Benzo(k)fluoranthene
Concen: 7.651 ng/ul m
RT: 22.63 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:252 Resp: 220301

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	6.1	3.4	5.2#

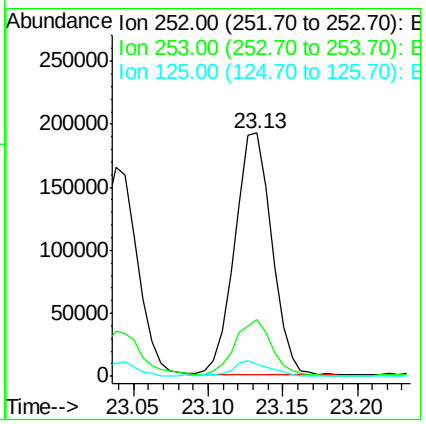




#88
Benzo(a)pyrene
Concen: 11.904 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:252 Resp: 332859

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	4.8	4.0	6.0



Instrument :
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ClientSampleId :
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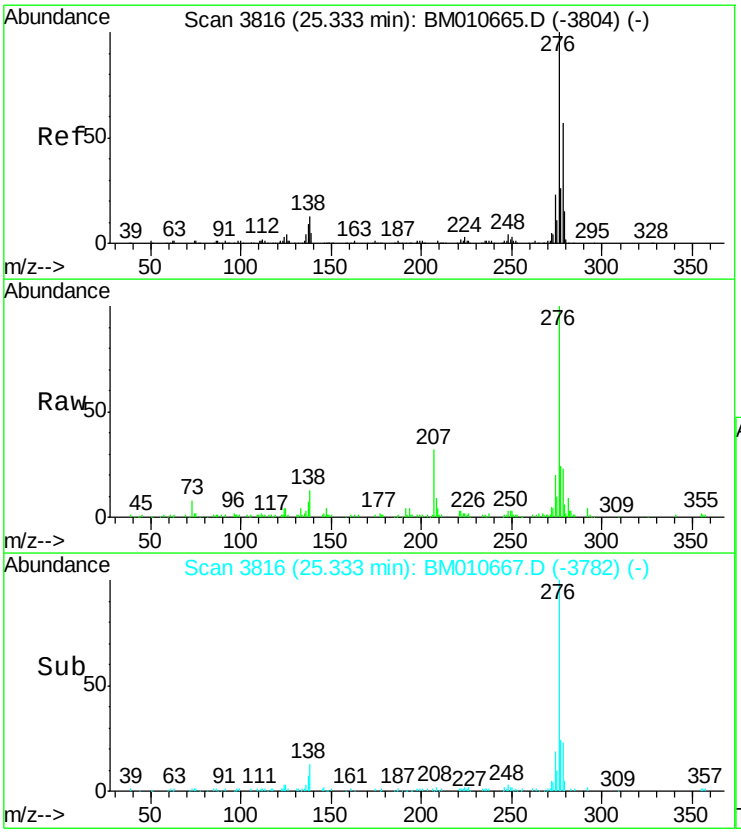
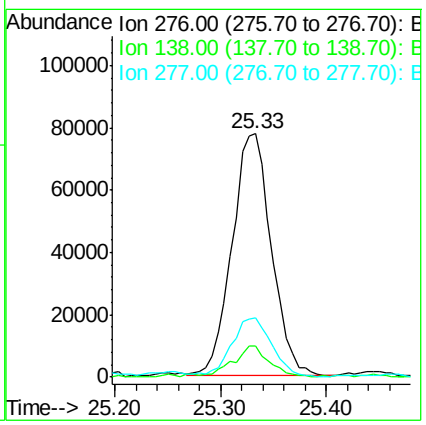
mohammad
6/26/2017 8:25:58 AM

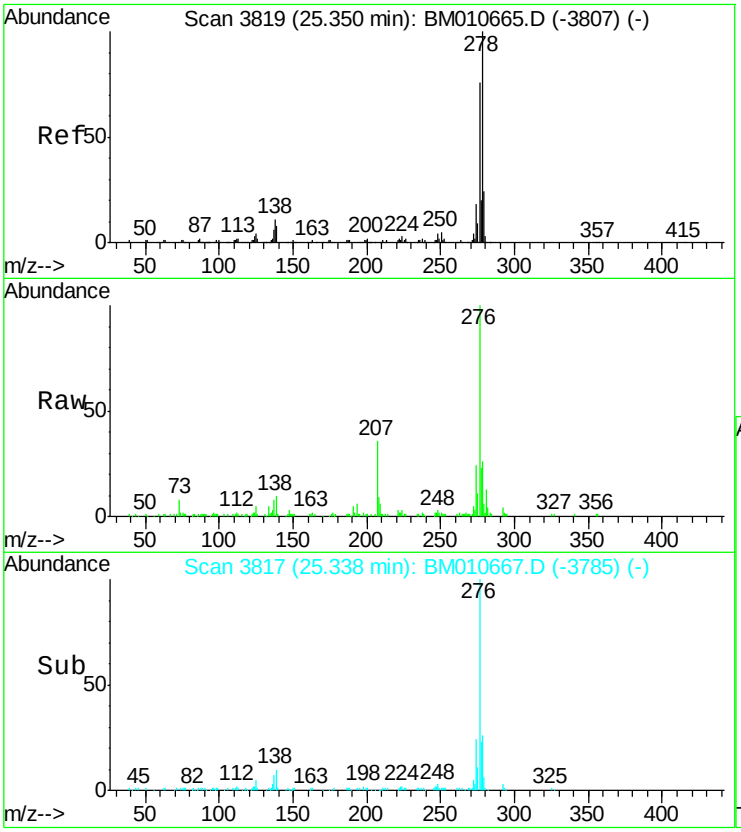


#89
Indeno(1,2,3-cd)pyrene
Concen: 6.941 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. -0.00 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:276 Resp: 201296

Ion	Ratio	Lower	Upper
276	100		
138	12.6	9.3	13.9
277	24.3	19.9	29.9

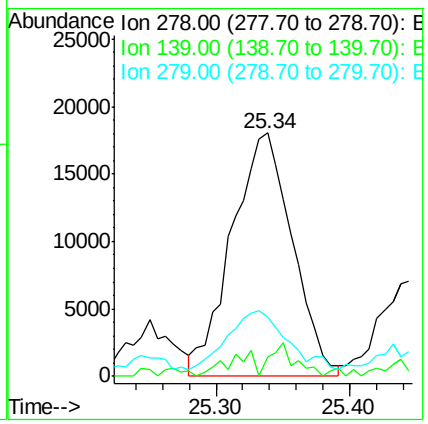




#90
Dibenzo(a,h)anthracene
Concen: 2.348 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

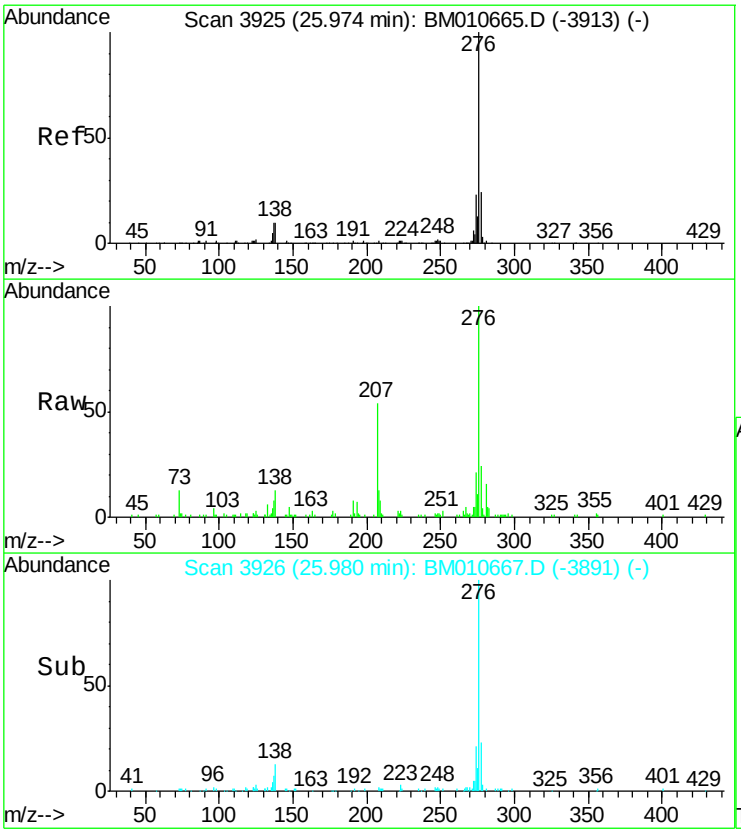
Tgt Ion:278 Resp: 56739

Ion	Ratio	Lower	Upper
278	100		
139	8.2	5.8	8.8
279	24.4	18.6	27.8



Instrument :
BNA_M
ClientSampleId :
F5C31ME

Manual Integrations APPROVED
mohammad
6/26/2017 8:25:58 AM



#91
Benzo(g,h,i)perylene
Concen: 6.158 ng/ul
RT: 25.98 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BM010667.D
Acq: 22 Jun 2017 19:33

Tgt Ion:276 Resp: 142163

Ion	Ratio	Lower	Upper
276	100		
138	12.8	8.5	12.7#
277	24.1	18.6	28.0