Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Time: Jun 27 01:31:31 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 01:28:19 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	76754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	342495	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	237136	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	570164	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	628720	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	454158	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3971	2.96	ng/uL	0.00
5) Phenol-d5	6.65	99	128457	17.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	74114	17.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	101437	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	102374	16.89	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	52551	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	63628	22.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	128360	21.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	65495	10.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	464993	22.34	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	537533	22.20	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	69016	18.84	ng/ul	0.00
57) Fluorene-d10	15.11	176	402323	22.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	72282	20.64	ng/ul	0.00
70) Anthracene-d10	16.86	188	570164	20.71	ng/ul	-0.10
76) Pyrene-d10	19.27	212	727678	24.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	509177	23.20	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.57	163	155228	7.607	ng/ul	97
49) Acenaphthene	14.17	153	19266	1.238	ng/ul	97
53) Dibenzofuran	14.51	168	42939	1.823	ng/ul	97
58) Fluorene	15.16	166	87082	4.415	ng/ul	99
69) Phenanthrene	16.90	178	948108	31.278	ng/ul	99
71) Anthracene	16.99	178	147098	4.710	ng/ul	96
72) Carbazole	17.27	167	101830	3.738	ng/ul	97
74) Fluoranthene	18.93	202	978793	25.056	ng/ul#	97
77) Pyrene	19.30	202	645049	17.763	ng/ul#	97
80) Benzo(a)anthracene	21.06	228	223919	6.116	ng/ul	96
82) Chrysene	21.12	228	179209	5.490	ng/ul	97
85) Benzo(b)fluoranthene	22.58	252	122553	4.157	ng/ul#	99
86) Benzo(k)fluoranthene	22.58	252	122553	4.385	ng/ul#	97
88) Benzo(a)pyrene	23.12	252	64753	2.386	ng/ul#	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062617\
Data File : BM010756.D
Acq On : 26 Jun 2017 21:39
Operator : SJ/JU
Sample : I3756-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AD8

Quant Time: Jun 27 01:31:31 2017
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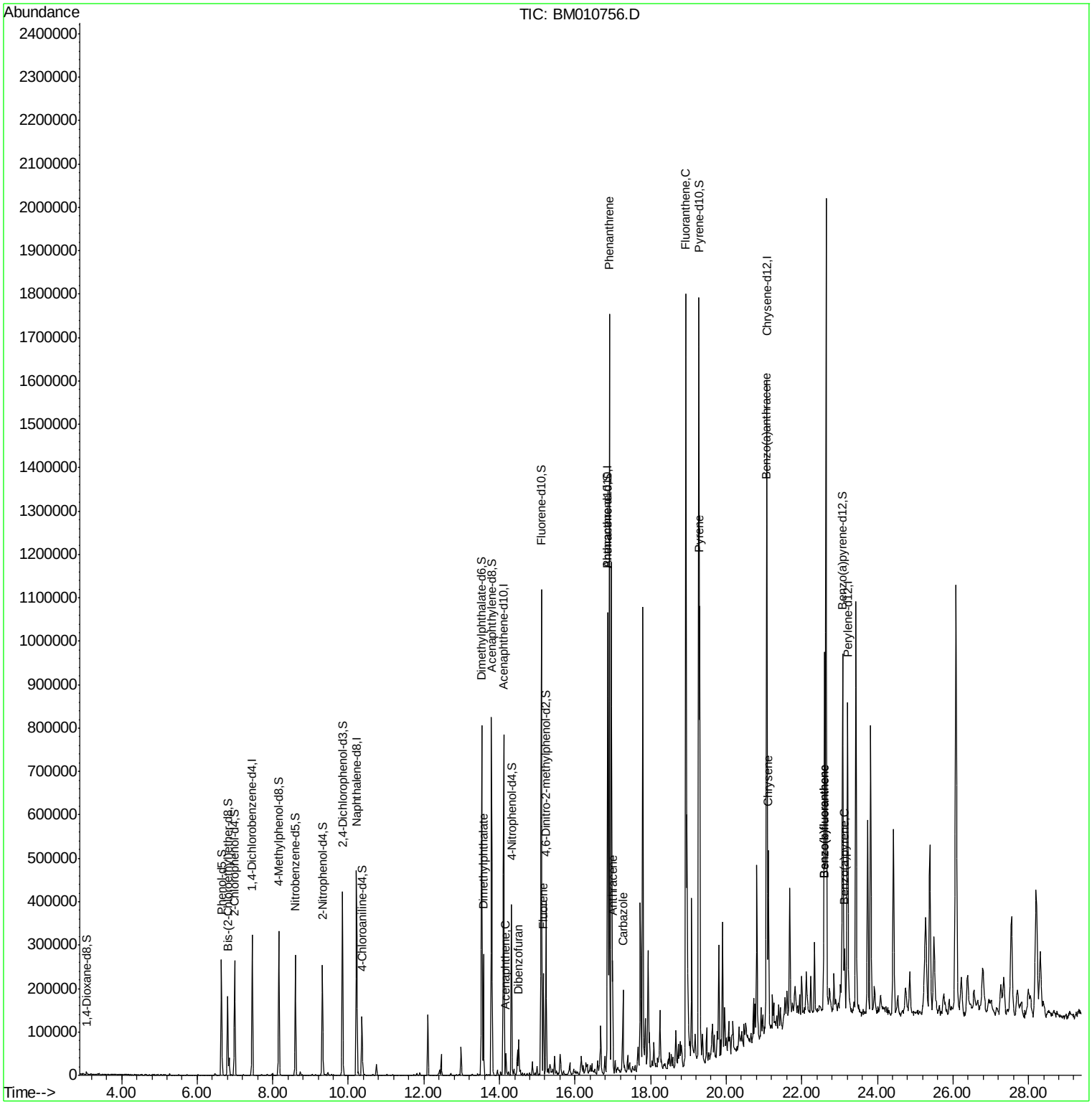
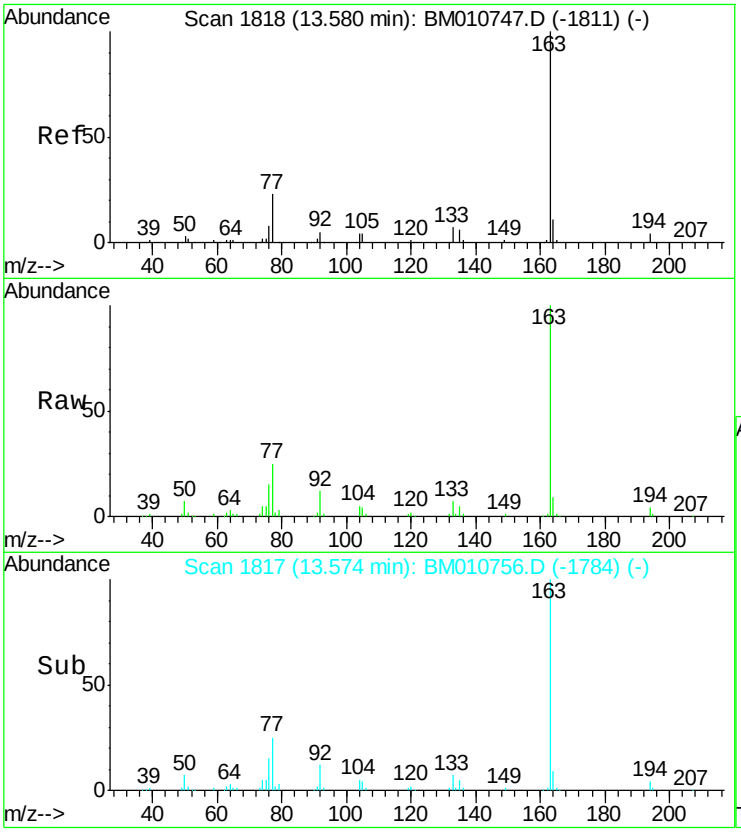
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 01:28:19 2017
Response via : Initial Calibration



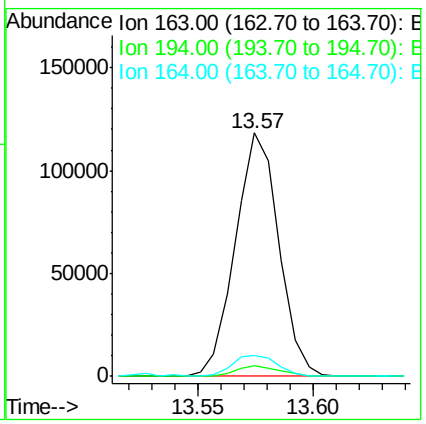


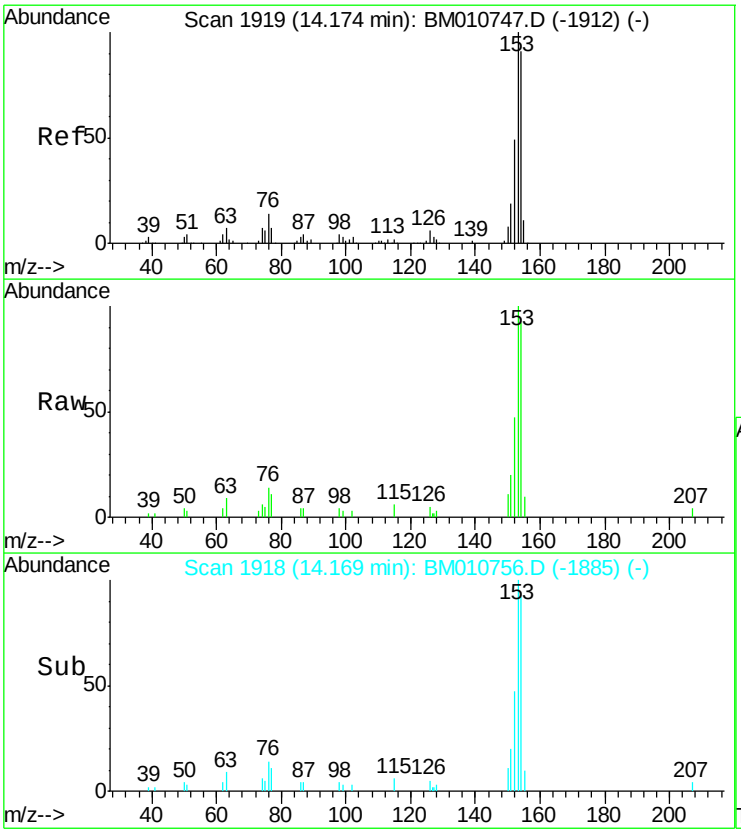
#44
Dimethylphthalate
Concen: 7.607 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tgt Ion:163 Resp: 155228

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	8.8	8.2	12.4

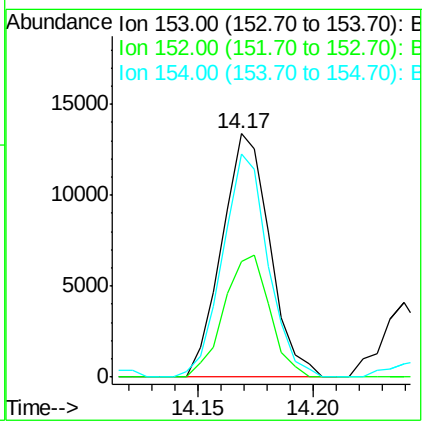


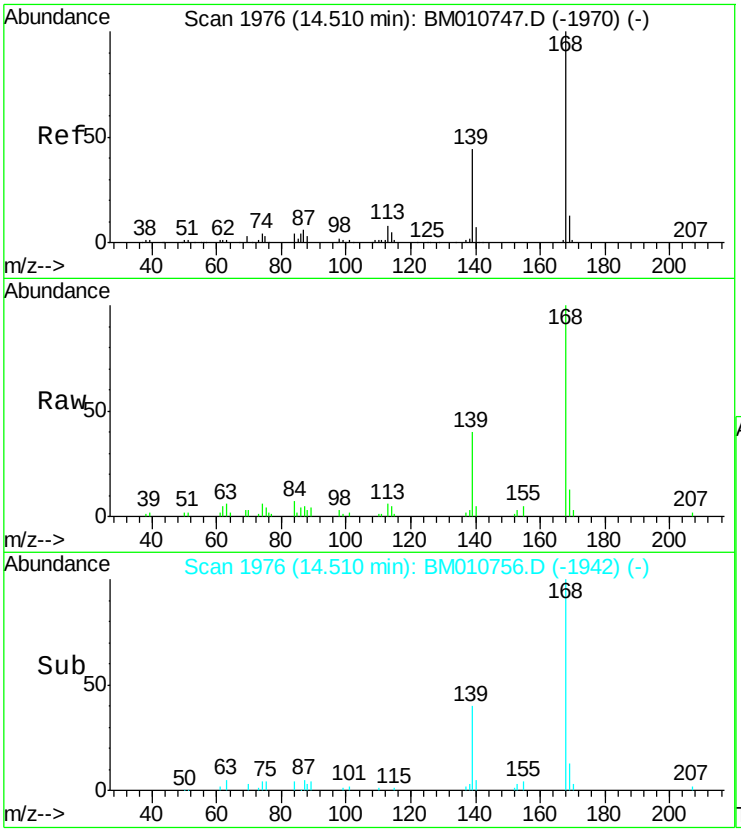


#49
Acenaphthene
Concen: 1.238 ng/ul
RT: 14.17 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Tgt Ion:153 Resp: 19266

Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.6	56.4
154	91.8	70.4	105.6



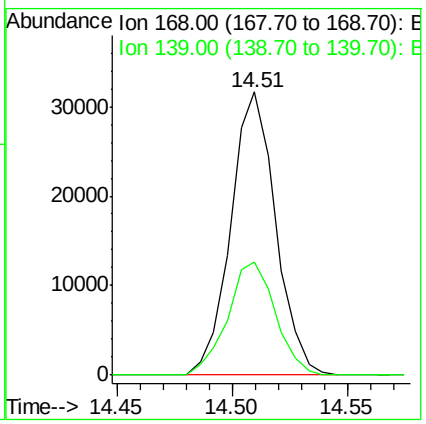


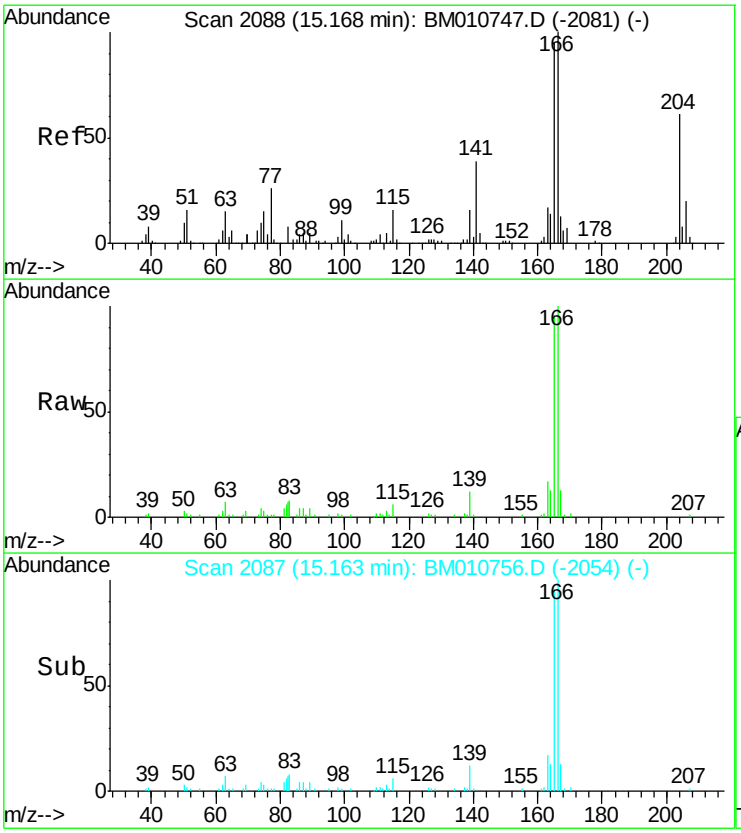
#53
Dibenzofuran
Concen: 1.823 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tgt Ion:168 Resp: 42939

Ion	Ratio	Lower	Upper
168	100		
139	40.2	30.8	46.2

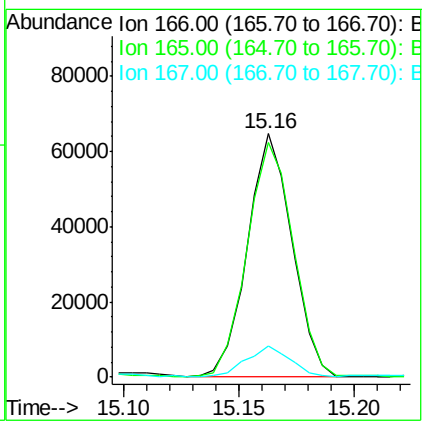


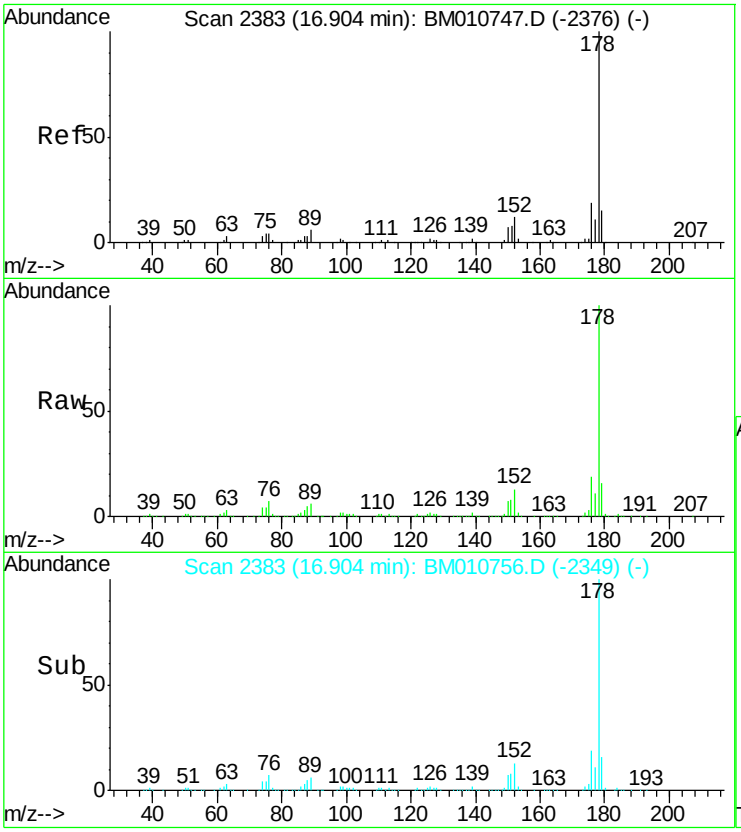


#58
Fluorene
Concen: 4.415 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Tgt Ion:166 Resp: 87082

Ion	Ratio	Lower	Upper
166	100		
165	96.4	77.9	116.9
167	12.6	10.6	16.0



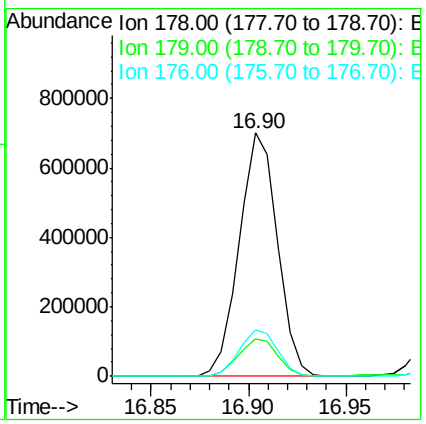


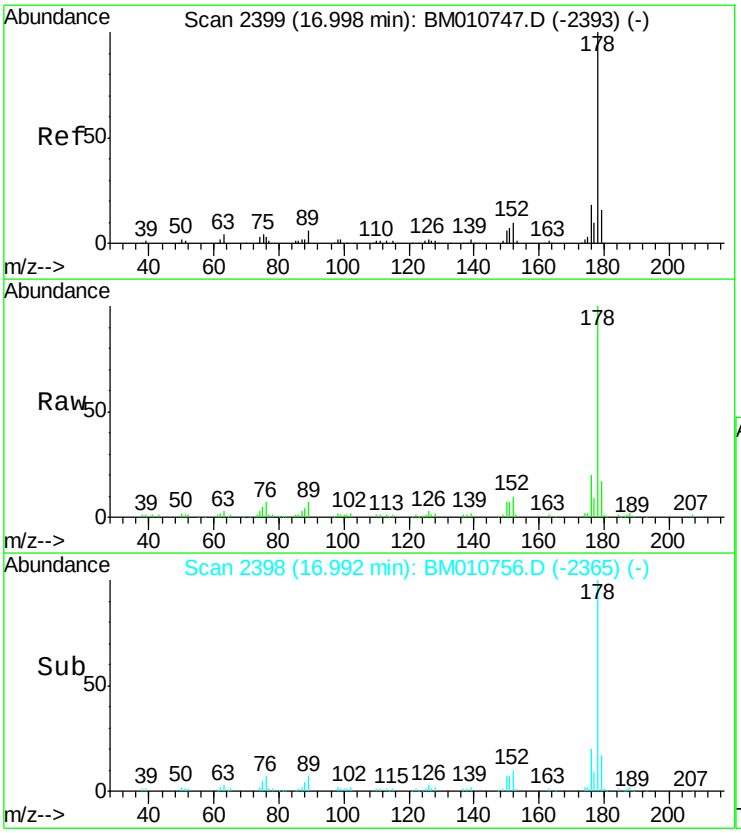
#69
Phenanthrene
Concen: 31.278 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tgt Ion:178 Resp: 948108

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.2	14.9	22.3

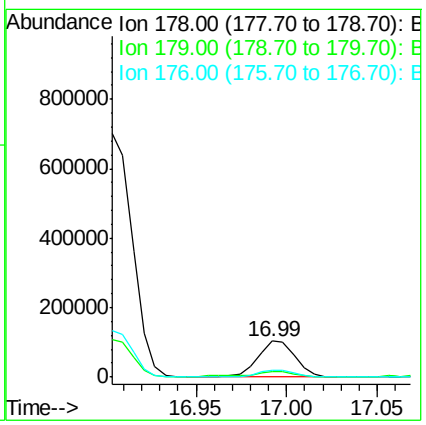


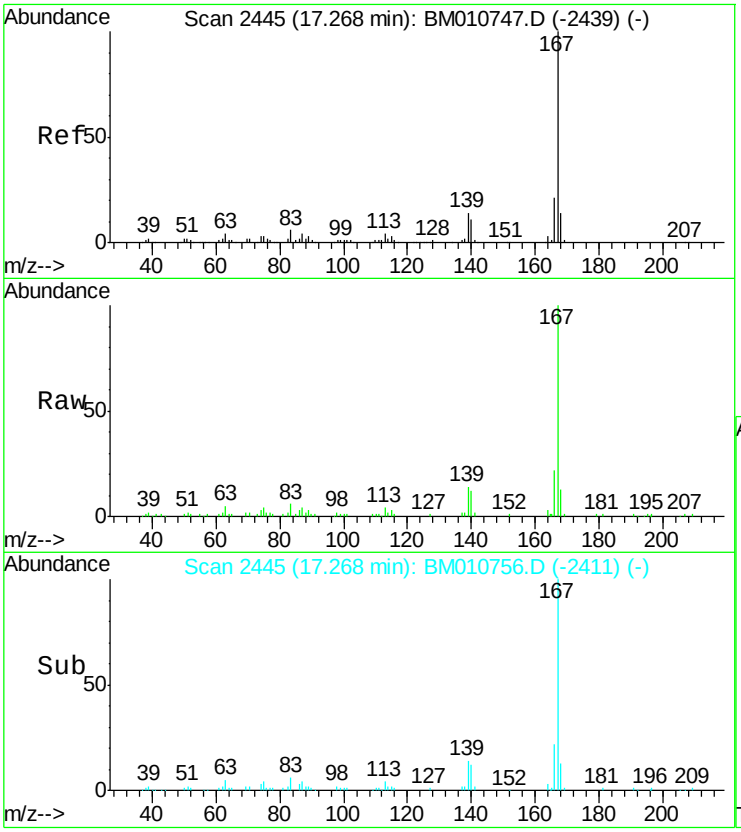


#71
Anthracene
Concen: 4.710 ng/ul
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Tgt Ion:178 Resp: 147098

Ion	Ratio	Lower	Upper
178	100		
179	16.6	11.7	17.5
176	19.6	14.6	21.8



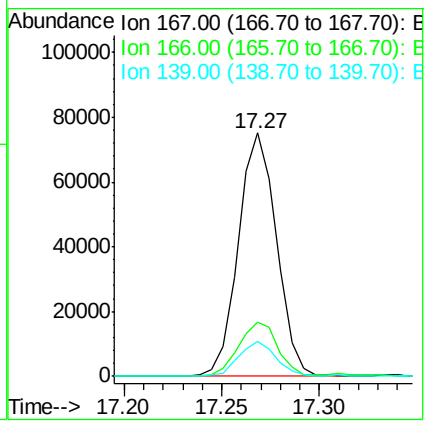


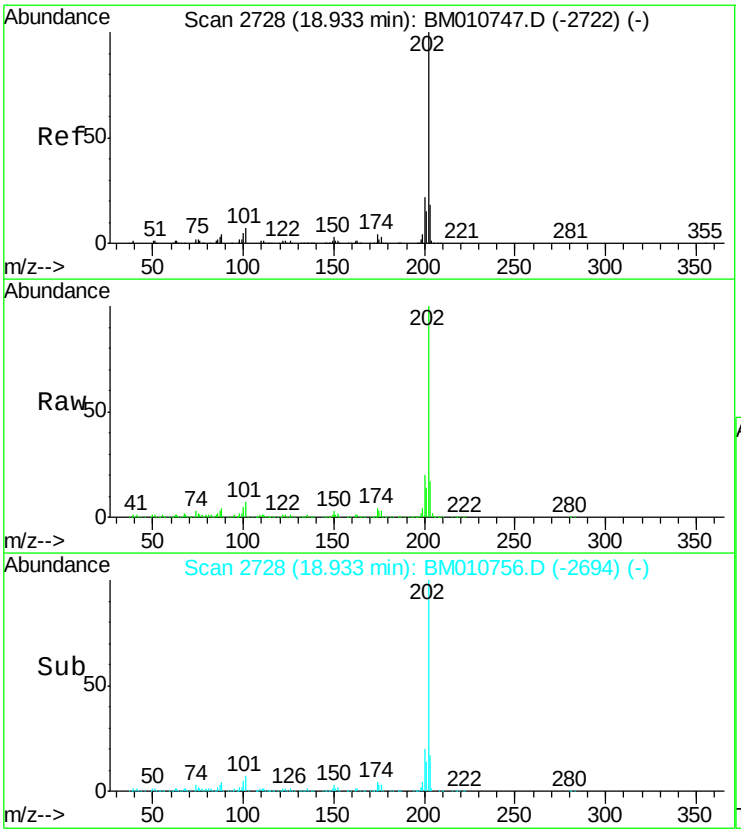
#72
Carbazole
Concen: 3.738 ng/ul
RT: 17.27 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tgt Ion:167 Resp: 101830

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.1	25.7
139	14.4	10.0	15.0

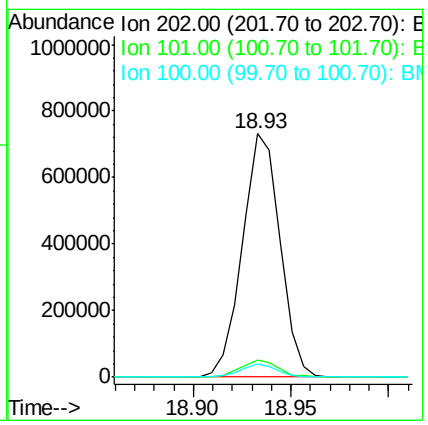


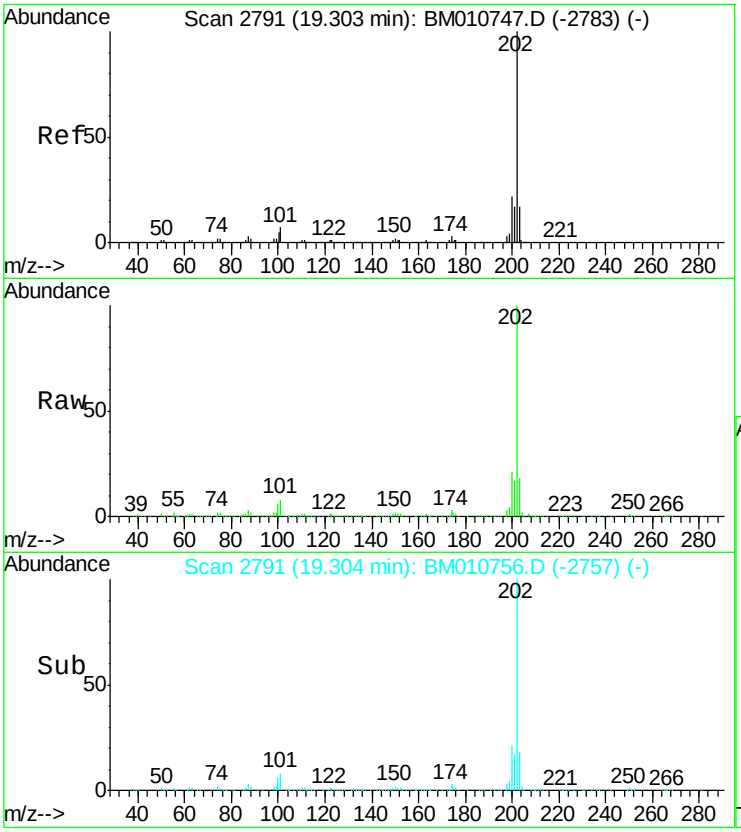


#74
Fluoranthene
Concen: 25.056 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Tgt Ion:202 Resp: 978793

Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.6	7.0
100	5.3	3.4	5.2#



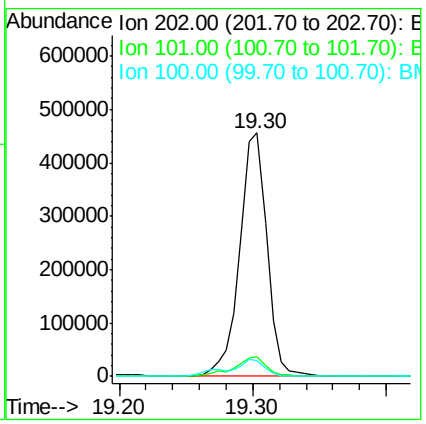


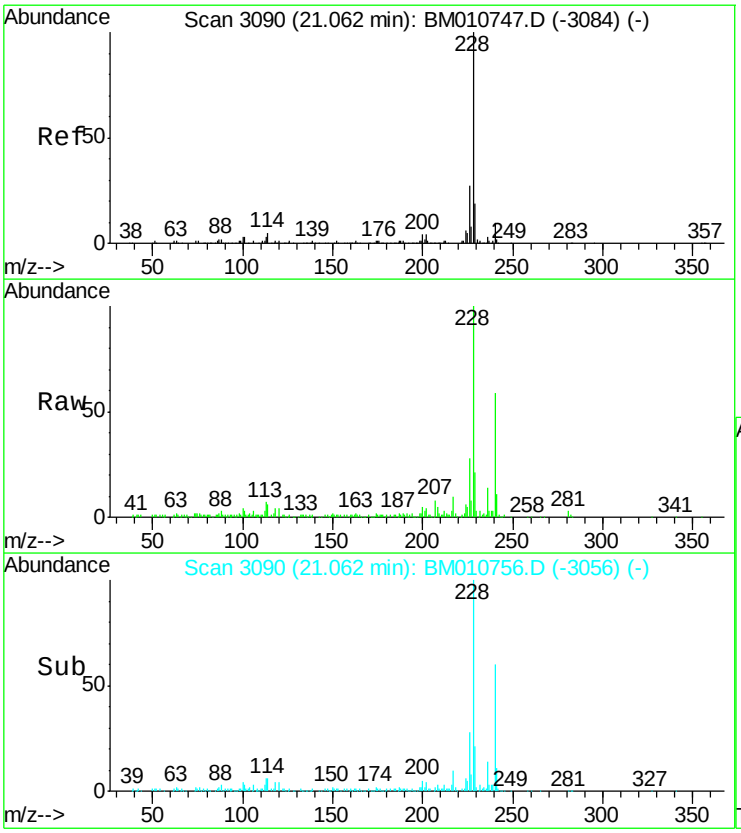
#77
Pyrene
Concen: 17.763 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tgt Ion:202 Resp: 645049

Ion	Ratio	Lower	Upper
202	100		
101	7.8	5.1	7.7#
100	6.4	4.9	7.3

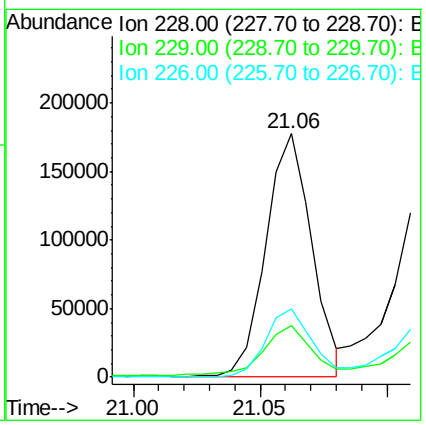


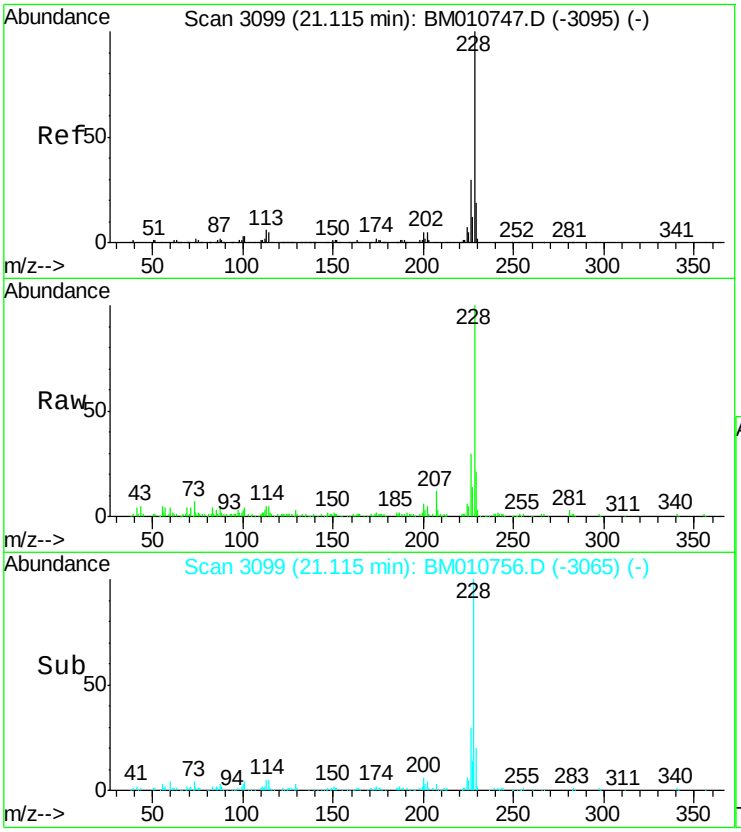


#80
Benzo(a)anthracene
Concen: 6.116 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Tgt Ion:228 Resp: 223919

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.4	23.0
226	28.2	21.4	32.0



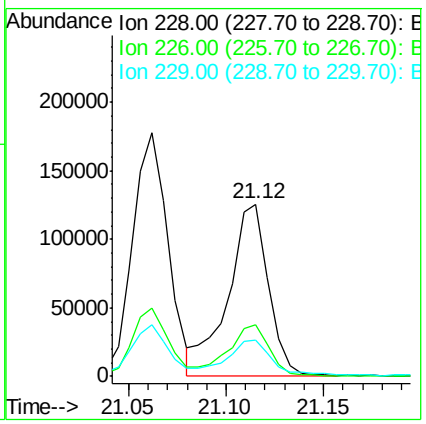


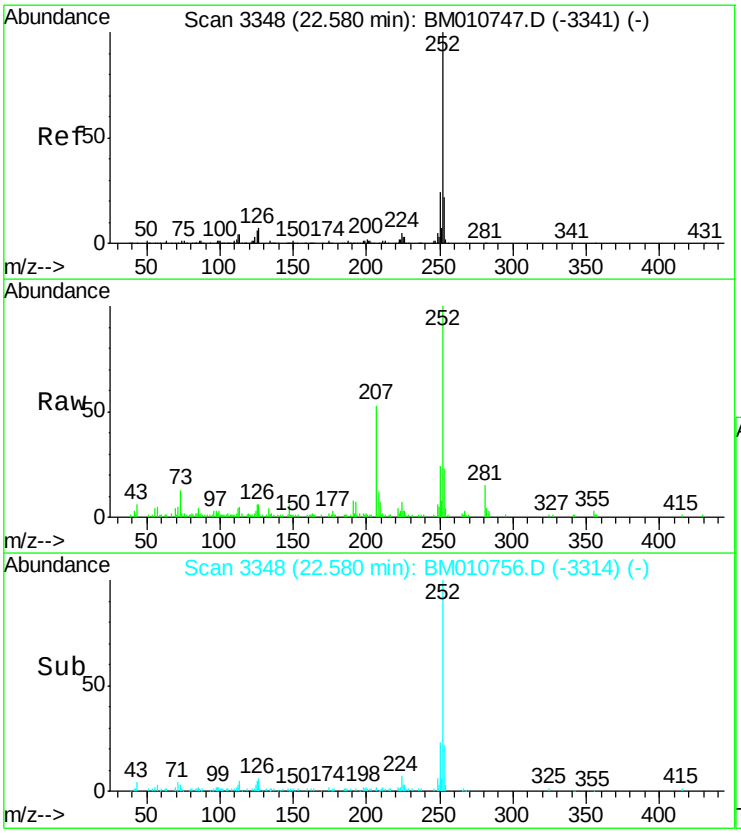
#82
Chrysene
Concen: 5.490 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tgt Ion:228 Resp: 179209

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	21.3	15.5	23.3

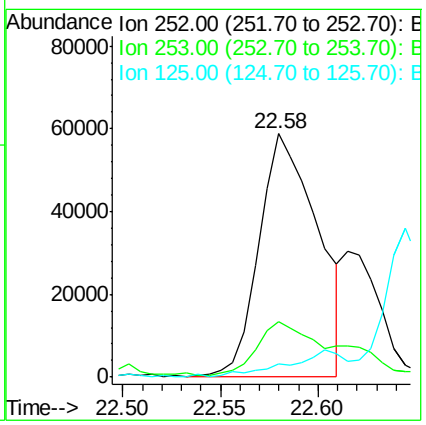


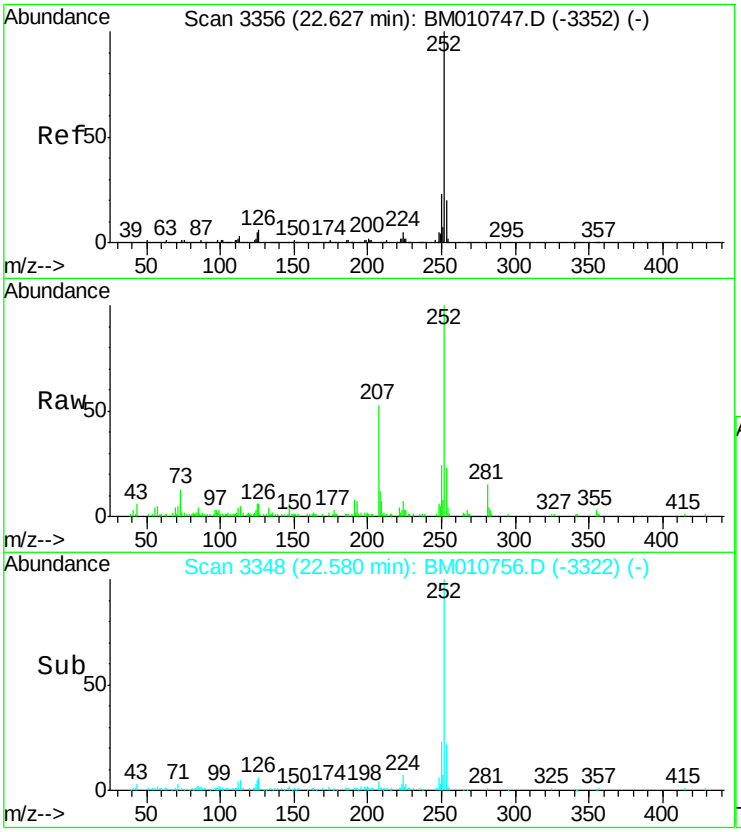


#85
Benzo(b)fluoranthene
Concen: 4.157 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. 0.00 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Tgt Ion:252 Resp: 122553

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	5.6	3.6	5.4#



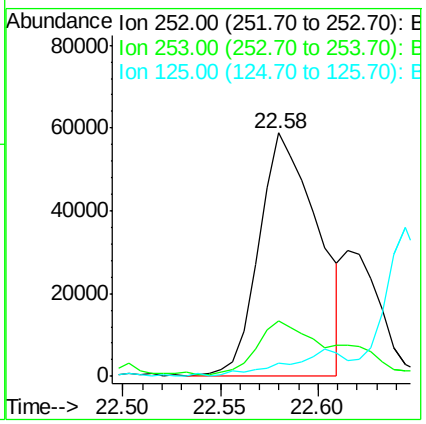


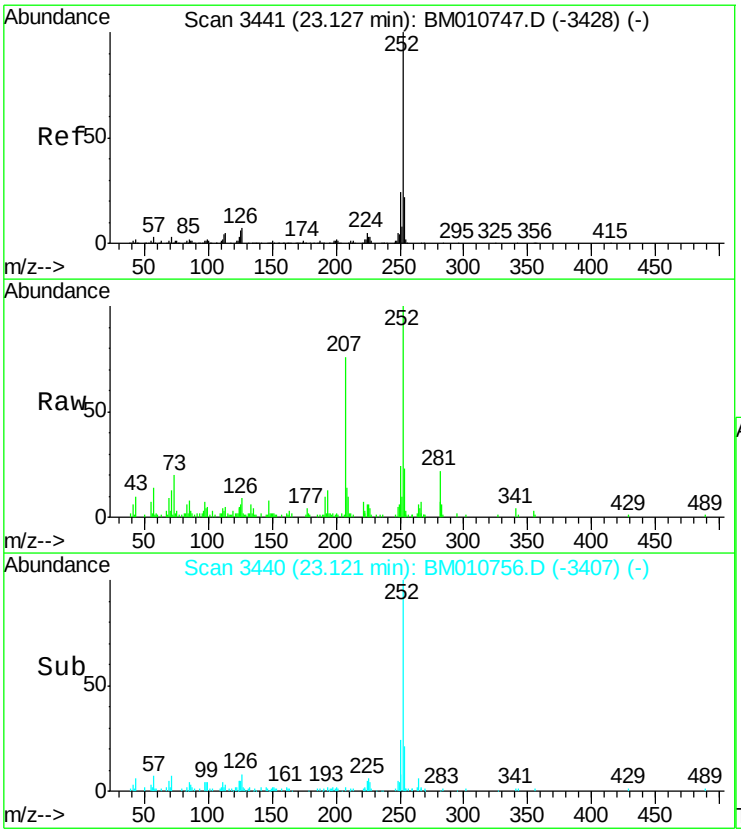
#86
Benzo(k)fluoranthene
Concen: 4.385 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.05 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Instrument :
BNA_M
ClientSampleId :
C0AD8

Tgt Ion:252 Resp: 122553

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	5.6	3.4	5.2#





#88
Benzo(a)pyrene
Concen: 2.386 ng/ul
RT: 23.12 min Scan# 3440
Delta R.T. -0.01 min
Lab File: BM010756.D
Acq: 26 Jun 2017 21:39

Tgt Ion:252 Resp: 64753

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	6.3	4.0	6.0#