Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8G5

Quant Time: Dec 16 06:49:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	150043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	555380	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	344492	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	673654	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	860100	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	917476	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	6900	2.16	ng/uL	0.00
5) Phenol-d5	6.86	99	128574	11.05	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.01	67	79740	11.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	108592	12.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	104680	11.61	ng/ul	0.01
19) Nitrobenzene-d5	8.83	128	52414	13.06	ng/ul	0.01
22) 2-Nitrophenol-d4	9.55	143	55244	12.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	93676	11.49	ng/ul	0.04
29) 4-Chloroaniline-d4	10.64	131	41406	4.43	ng/ul	0.04
43) Dimethylphthalate-d6	13.73	166	327203	14.29	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	383814	14.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	14982	4.44	ng/ul	0.05
57) Fluorene-d10	15.31	176	285619	14.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	29438	7.34	ng/ul	0.01
70) Anthracene-d10	17.16	188	435028	14.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	526195	15.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	588321	15.27	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.89	94	19905	1.65	ng/ul	94
44) Dimethylphthalate	13.77	163	113778	5.07	ng/ul	100
49) Acenaphthene	14.37	153	20516	1.08	ng/ul	91
58) Fluorene	15.37	166	33045	1.46	ng/ul	92
69) Phenanthrene	17.10	178	2024200	58.64	ng/ul	99
71) Anthracene	17.10	178	2024200	57.76	ng/ul	99
72) Carbazole	17.47	167	405938	13.16	ng/ul	98
74) Fluoranthene	19.13	202	6011539	141.79	ng/ul	97
77) Pyrene	19.49	202	5004757	118.51	ng/ul	99
80) Benzo(a)anthracene	21.24	228	2154394	48.46	ng/ul	98
82) Chrysene	21.30	228	2915533	68.20	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	4266067	86.14	ng/ul	98
86) Benzo(k)fluoranthene	22.83	252	4266067	90.02	ng/ul	99
88) Benzo(a)pyrene	23.39	252	2257964	47.32	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	2324921	40.13	ng/ul	97
90) Dibenzo(a,h)anthracene	25.73	278	562371	11.56	ng/ul#	88
91) Benzo(g,h,i)perylene	26.42	276	2300823	47.48	ng/ul	99

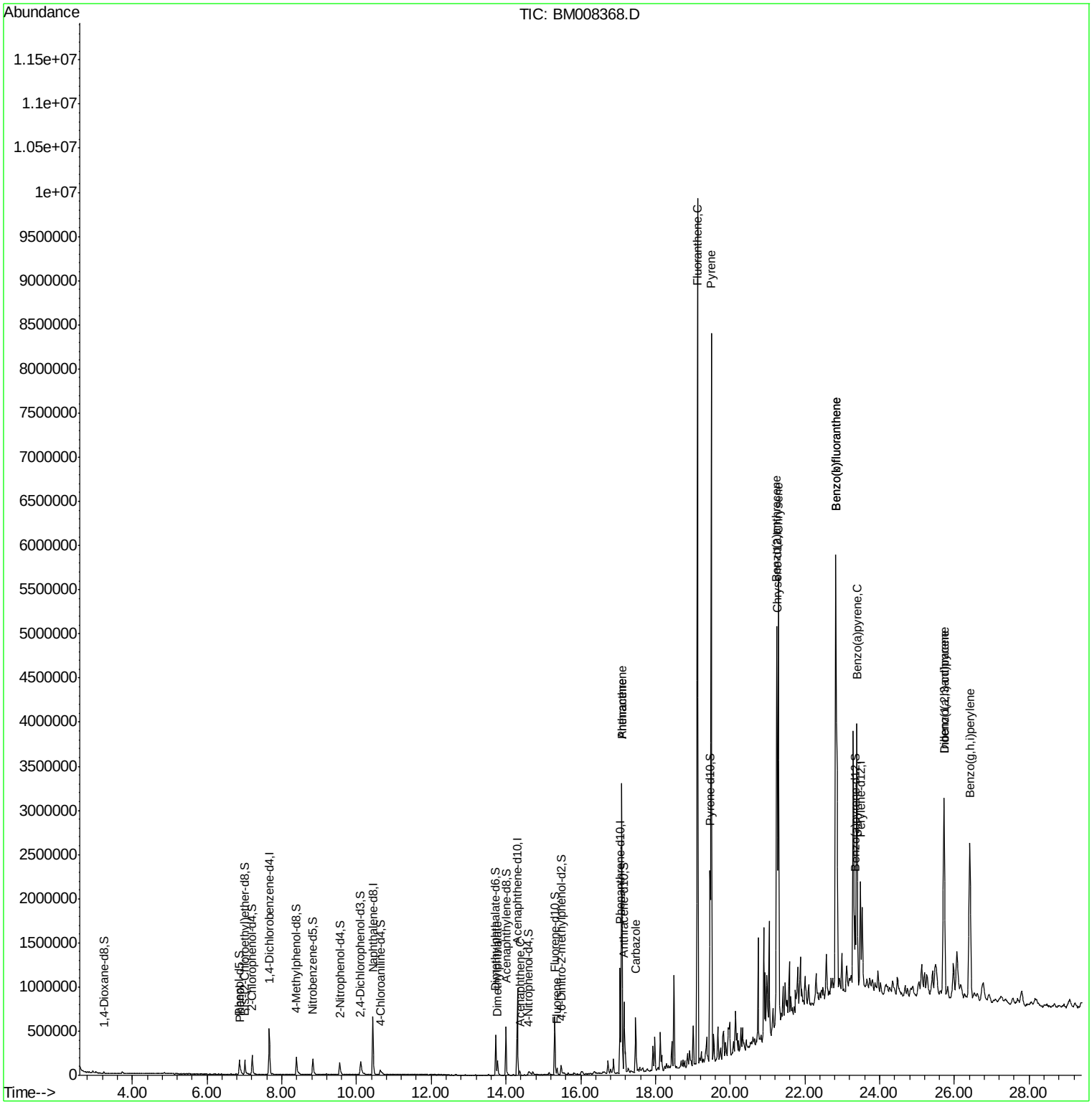
(#) = qualifier out of range (m) = manual integration (+) = signals summed

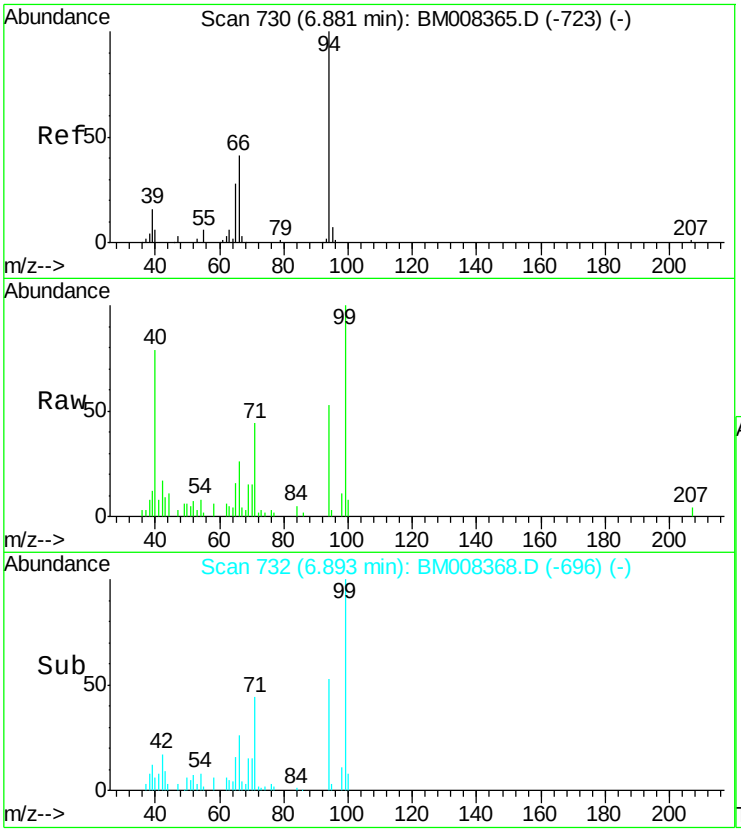
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121616\
Data File : BM008368.D
Acq On : 16 Dec 2016 06:16
Operator : UM/SJ
Sample : H5937-13
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8G5

Quant Time: Dec 16 06:49:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 16 05:34:14 2016
Response via : Initial Calibration



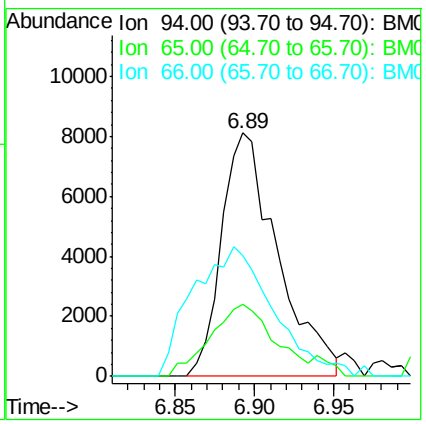


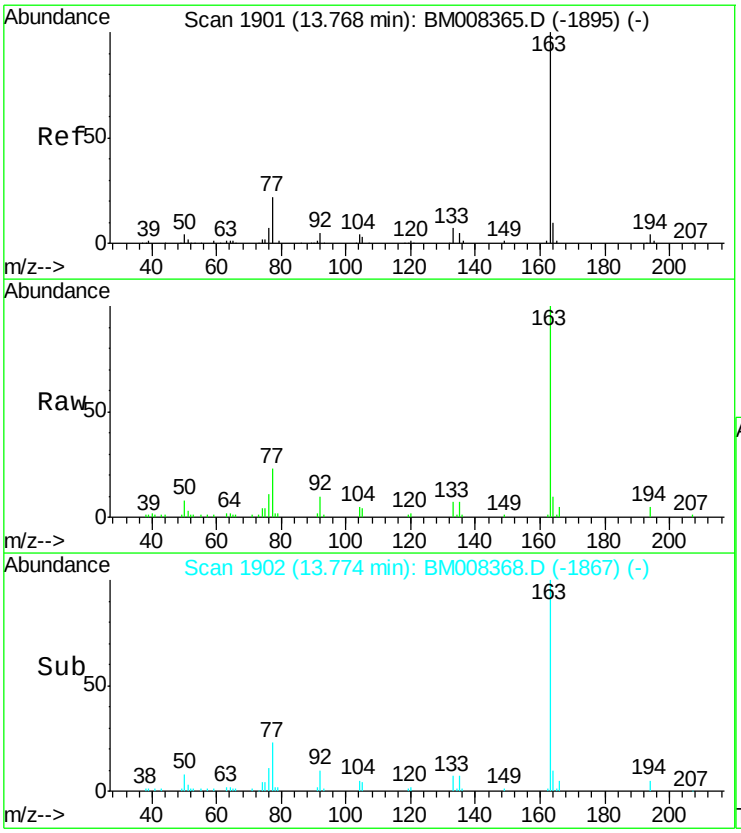
#6
Phenol
Concen: 1.65 ng/ul
RT: 6.89 min Scan# 732
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion: 94 Resp: 19905

Ion	Ratio	Lower	Upper
94	100		
65	29.8	22.6	34.0
66	49.8	35.8	53.8

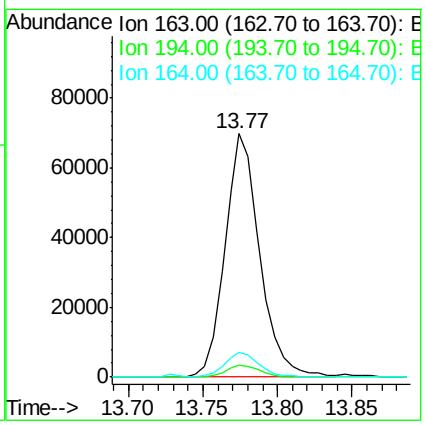


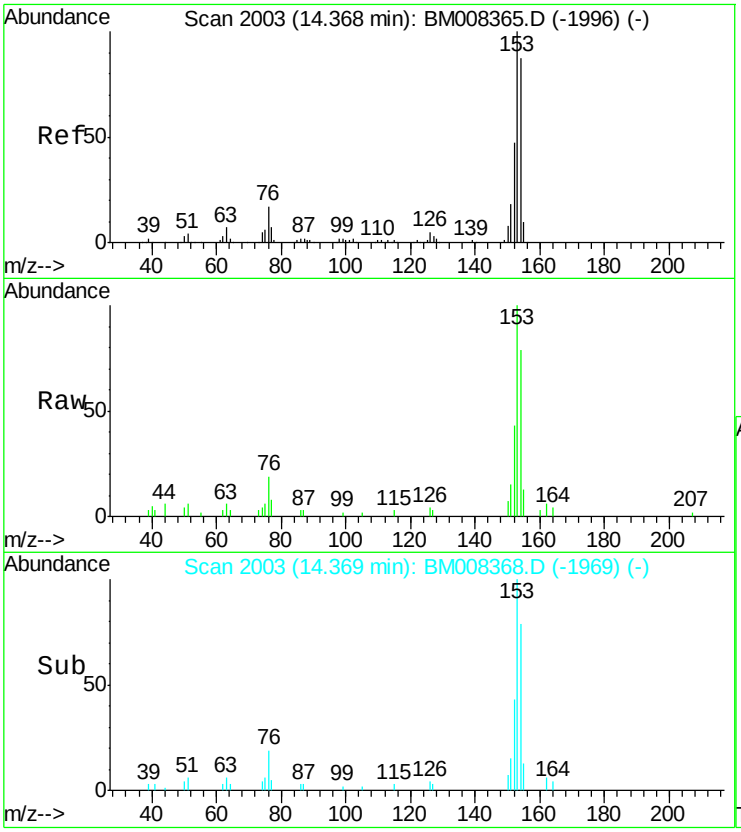


#44
Dimethylphthalate
Concen: 5.07 ng/ul
RT: 13.77 min Scan# 1902
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:163 Resp: 113778

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.5	5.3
164	9.9	7.8	11.8



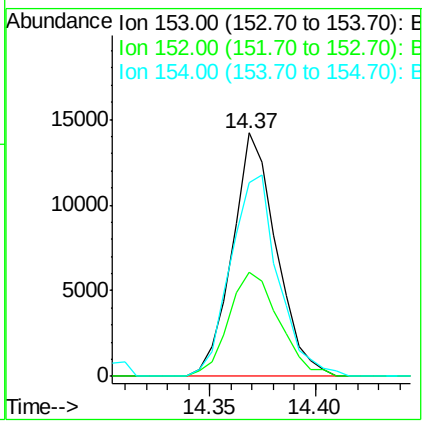


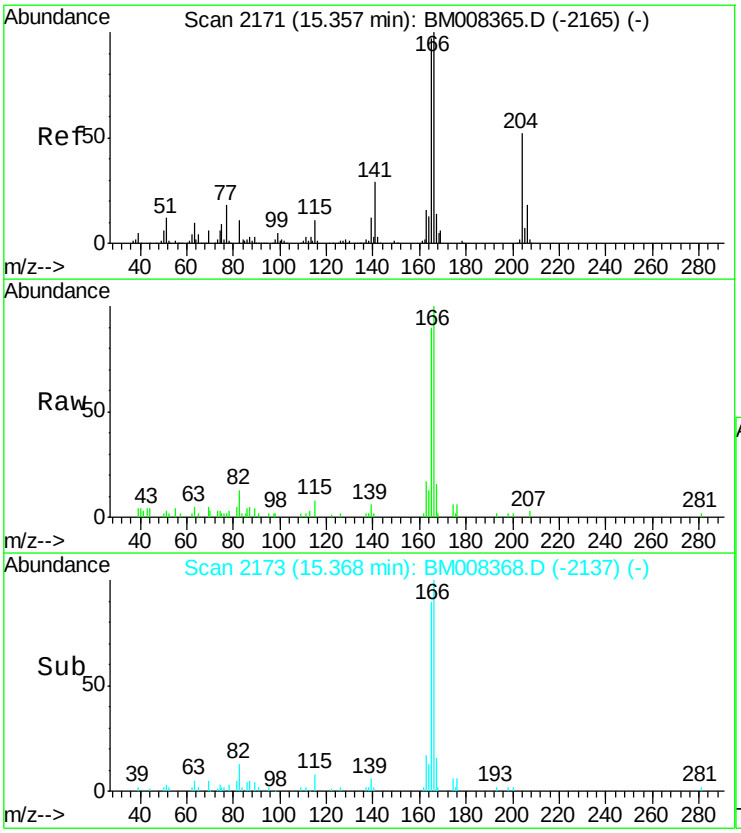
#49
Acenaphthene
Concen: 1.08 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:153 Resp: 20516

Ion	Ratio	Lower	Upper
153	100		
152	42.6	36.6	54.8
154	79.4	71.4	107.2

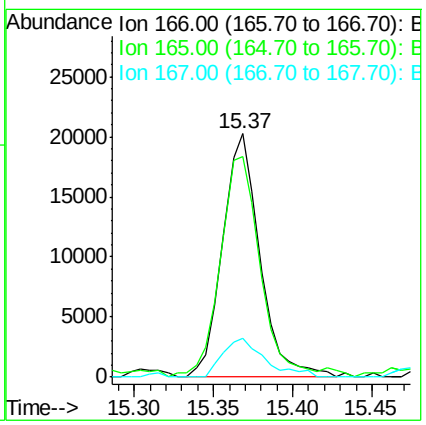


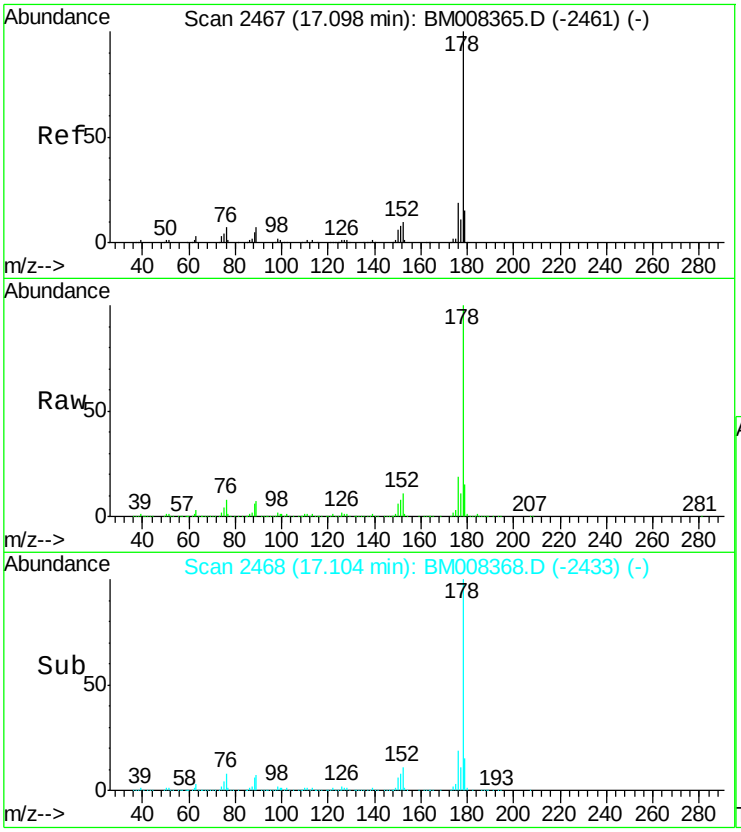


#58
Fluorene
Concen: 1.46 ng/ul
RT: 15.37 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:166 Resp: 33045

Ion	Ratio	Lower	Upper
166	100		
165	90.4	79.3	118.9
167	16.0	10.7	16.1



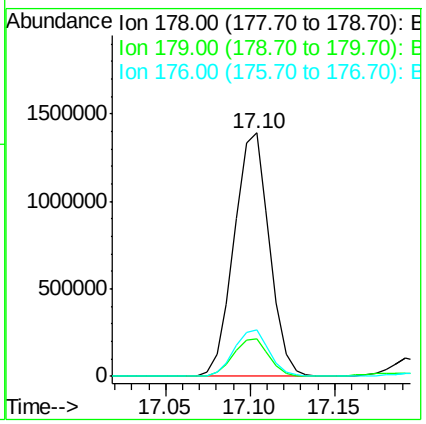


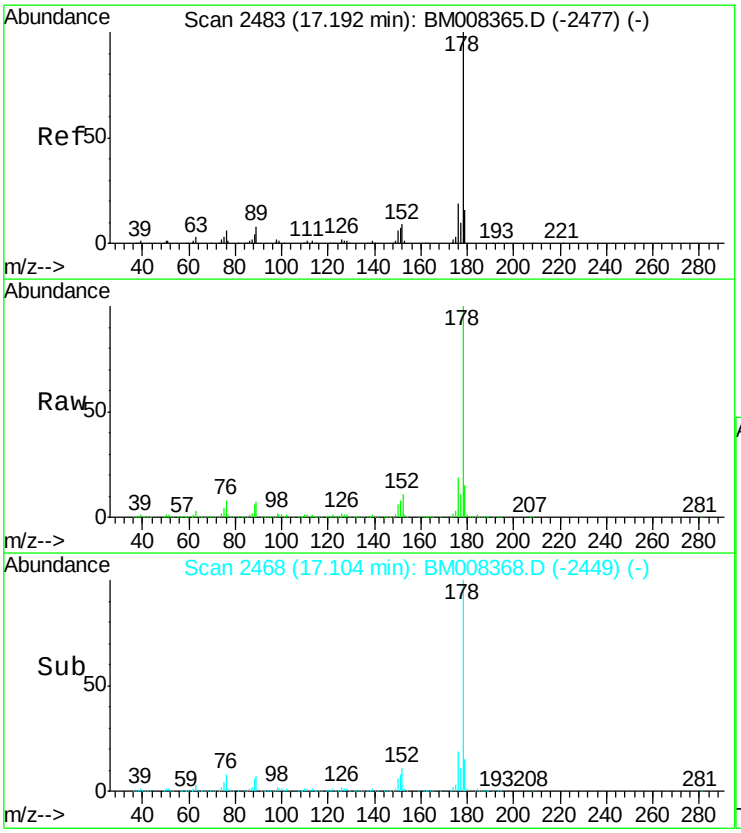
#69
Phenanthrene
Concen: 58.64 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:178 Resp: 2024200

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.0	18.0
176	18.9	14.6	21.8

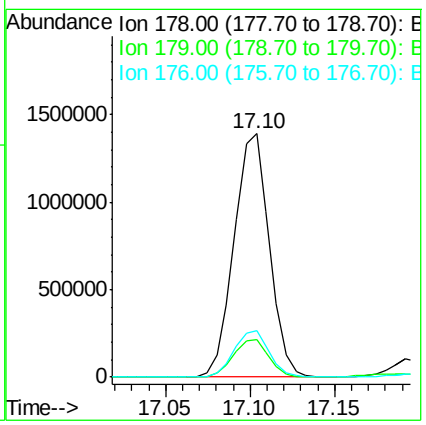


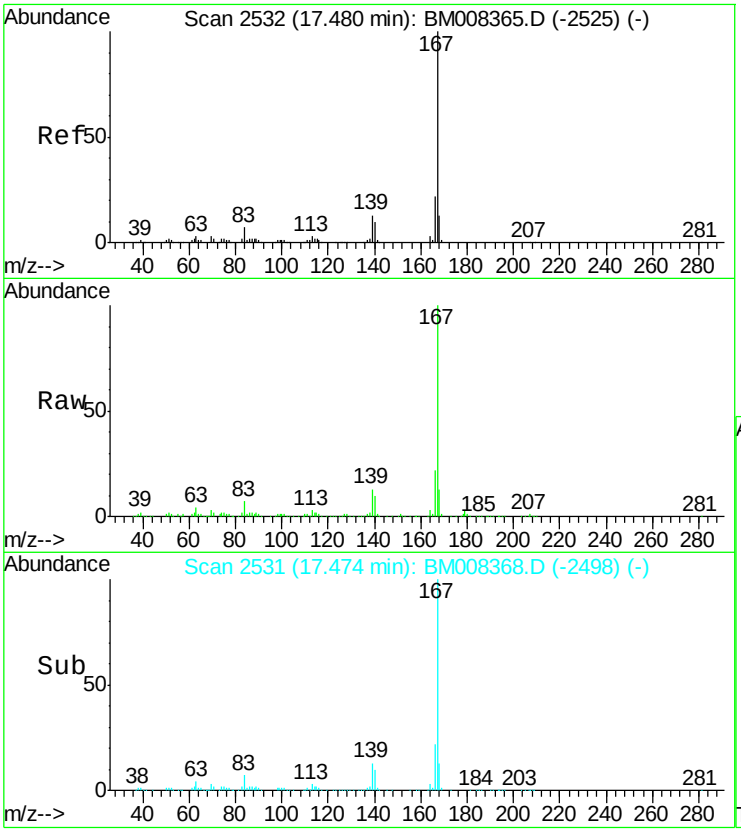


#71
Anthracene
Concen: 57.76 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. -0.09 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:178 Resp: 2024200

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.9	14.3	21.5



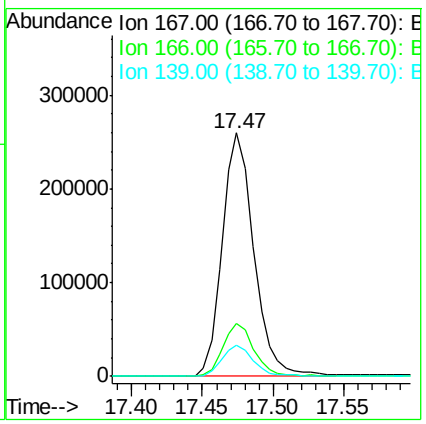


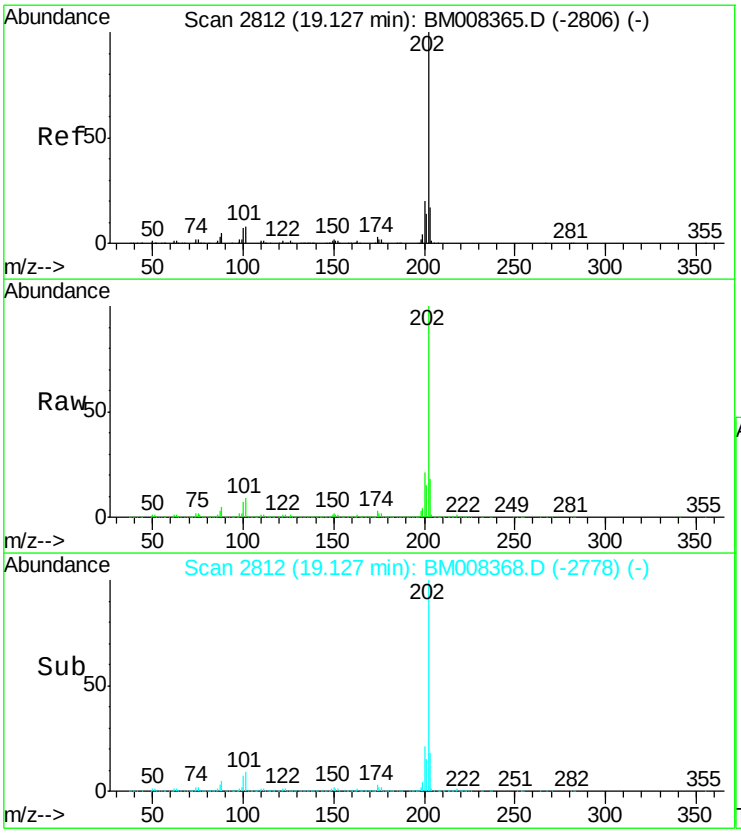
#72
Carbazole
Concen: 13.16 ng/ul
RT: 17.47 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:167 Resp: 405938

Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.4	24.6
139	12.9	10.2	15.4

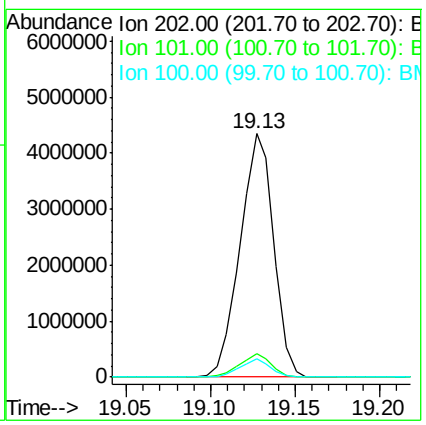


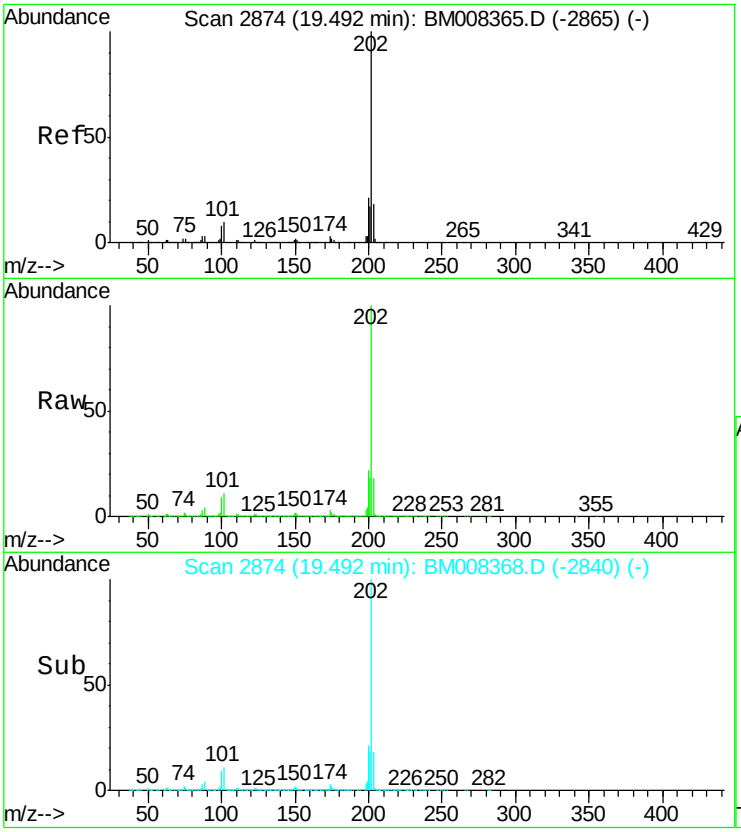


#74
Fluoranthene
Concen: 141.79 ng/ul
RT: 19.13 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:202 Resp: 6011539

Ion	Ratio	Lower	Upper
202	100		
101	9.4	6.6	10.0
100	7.4	5.3	7.9



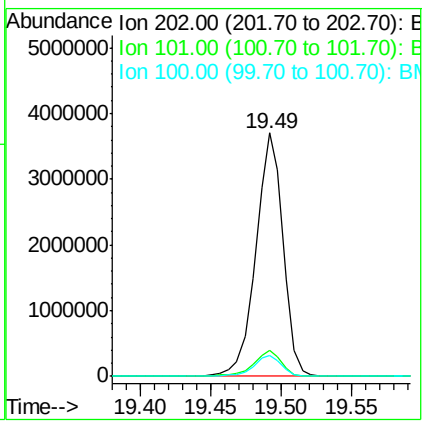


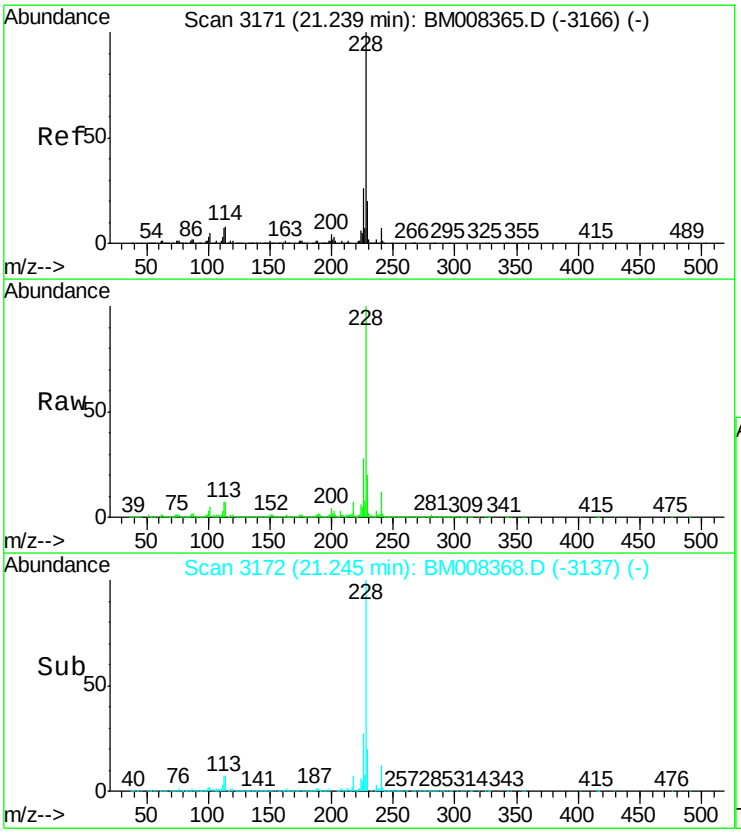
#77
Pyrene
Concen: 118.51 ng/ul
RT: 19.49 min Scan# 2874
Delta R.T. 0.00 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:202 Resp: 5004757

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.2	12.4
100	8.8	7.0	10.6

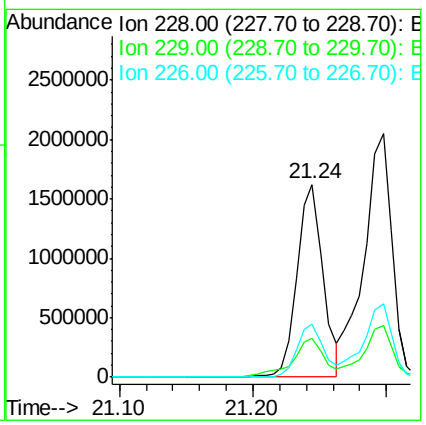


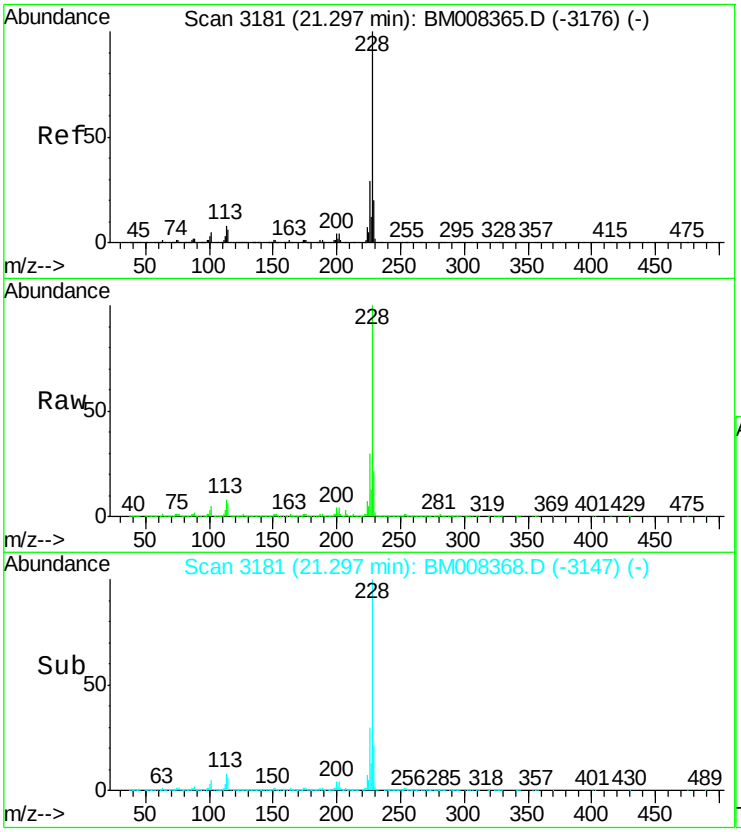


#80
Benzo(a)anthracene
Concen: 48.46 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:228 Resp: 2154394

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.2
226	27.6	21.2	31.8



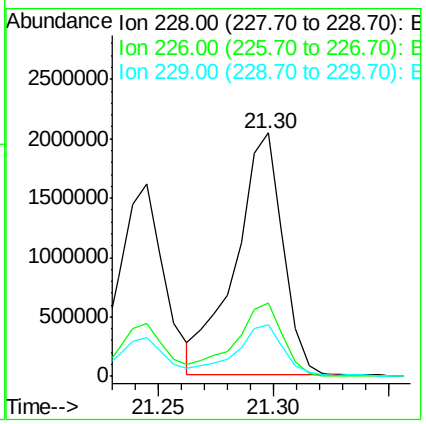


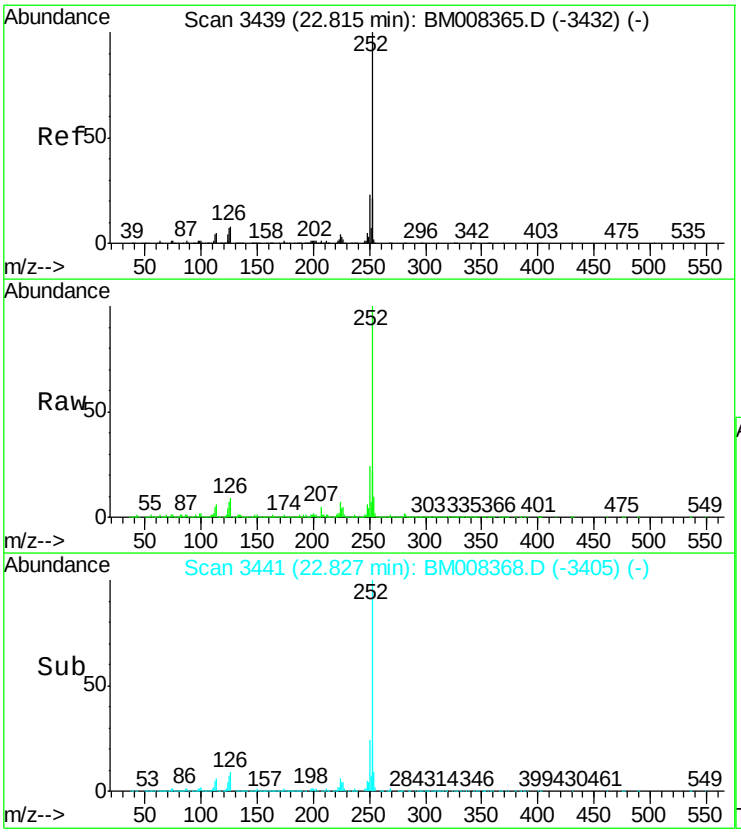
#82
Chrysene
Concen: 68.20 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.00 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:228 Resp: 2915533

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	21.1	15.4	23.2

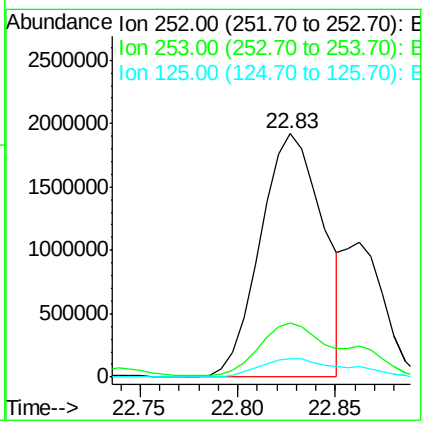


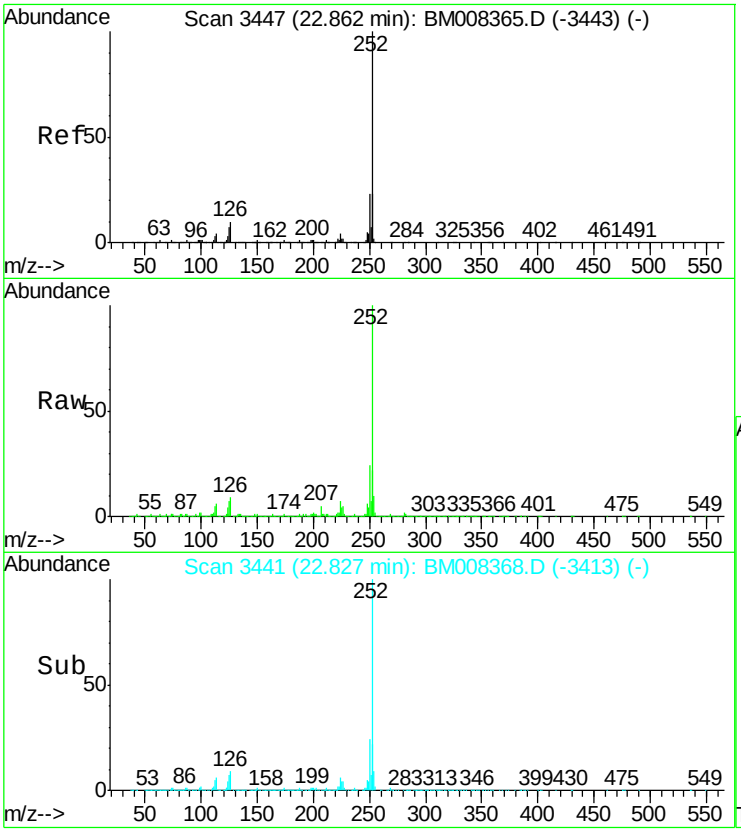


#85
Benzo(b)fluoranthene
Concen: 86.14 ng/ul
RT: 22.83 min Scan# 3441
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:252 Resp: 4266067

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	7.5	5.4	8.2



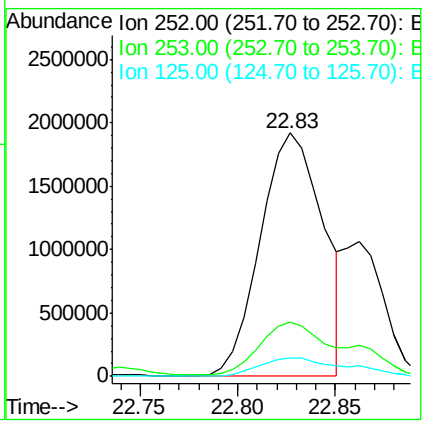


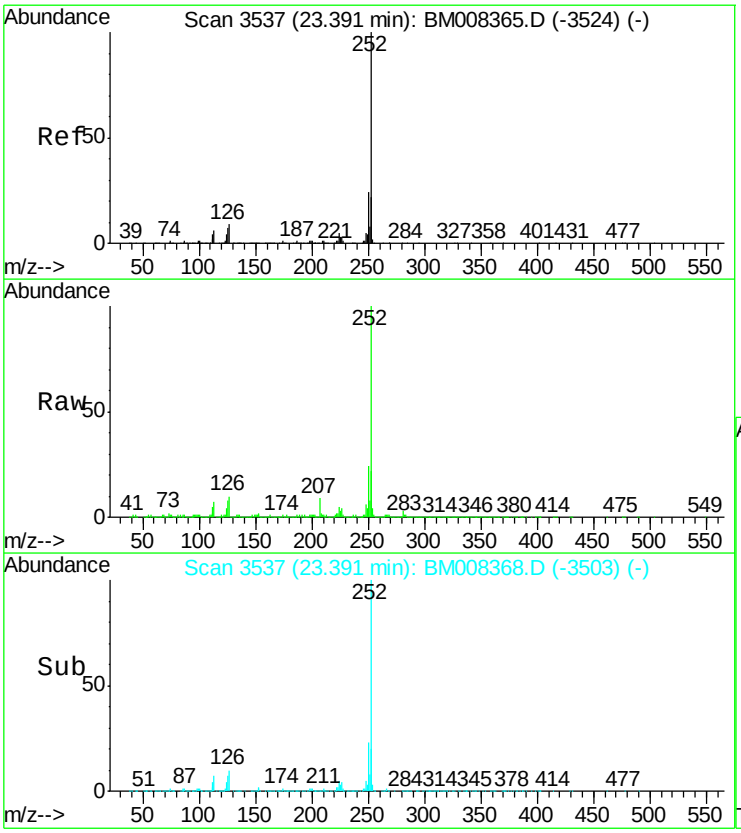
#86
Benzo(k)fluoranthene
Concen: 90.02 ng/ul
RT: 22.83 min Scan# 3441
Delta R.T. -0.04 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:252 Resp: 4266067

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	7.5	5.8	8.6

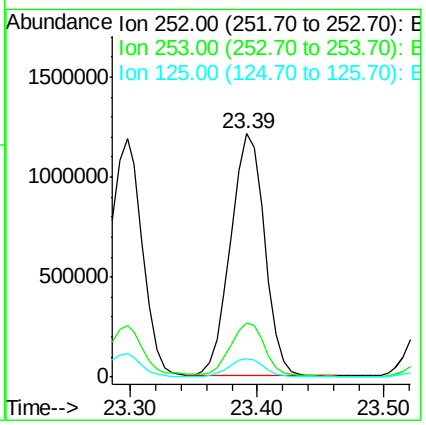


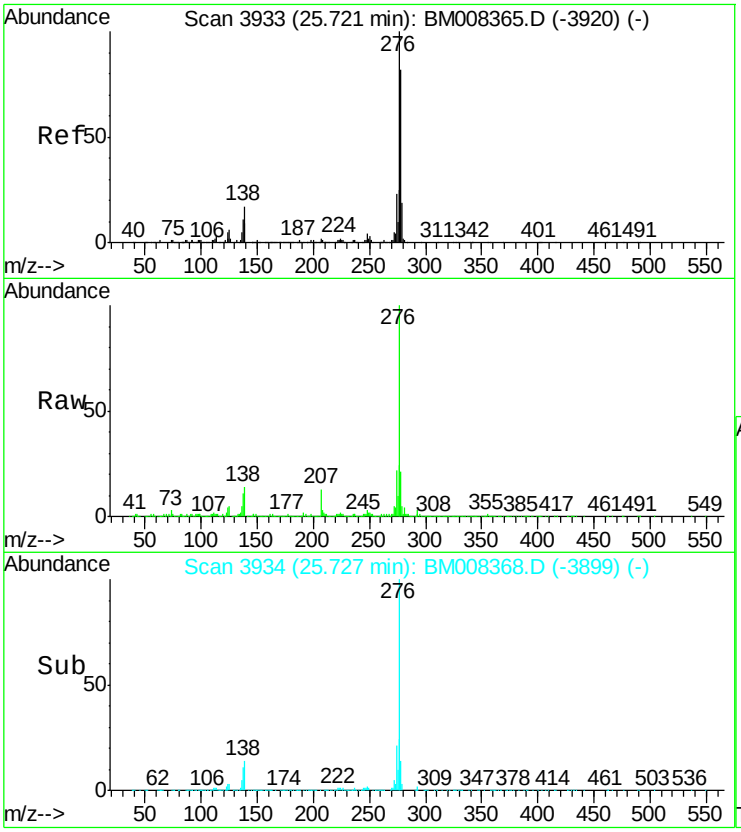


#88
Benzo(a)pyrene
Concen: 47.32 ng/ul
RT: 23.39 min Scan# 3537
Delta R.T. 0.00 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:252 Resp: 2257964

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	7.6	6.6	9.8



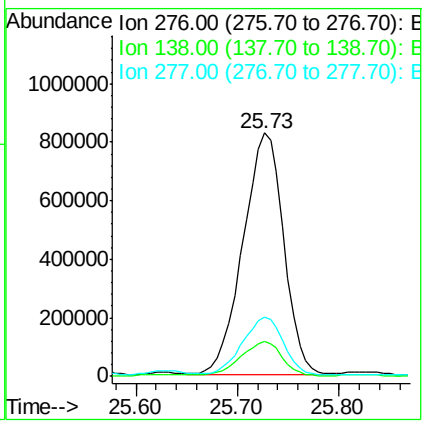


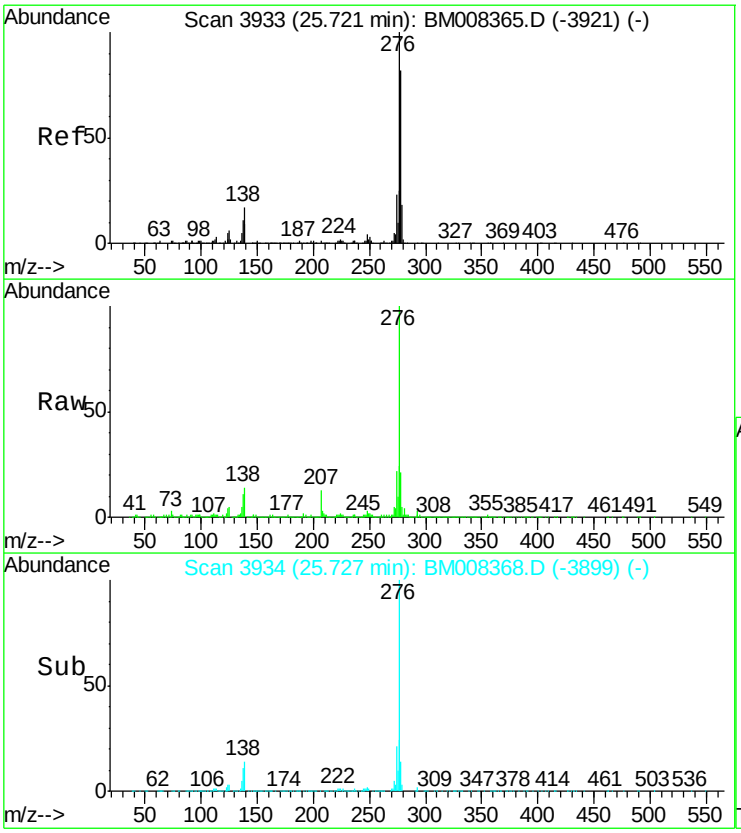
#89
Indeno(1,2,3-cd)pyrene
Concen: 40.13 ng/ul
RT: 25.73 min Scan# 3934
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:276 Resp: 2324921

Ion	Ratio	Lower	Upper
276	100		
138	14.3	13.4	20.2
277	24.2	19.7	29.5

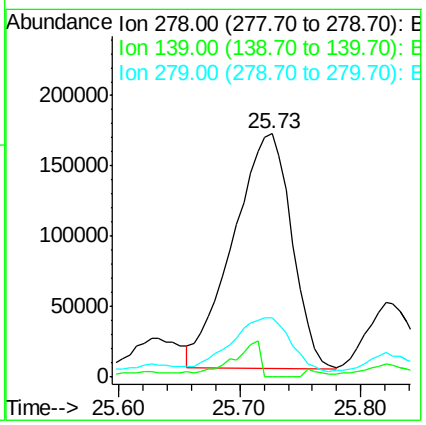


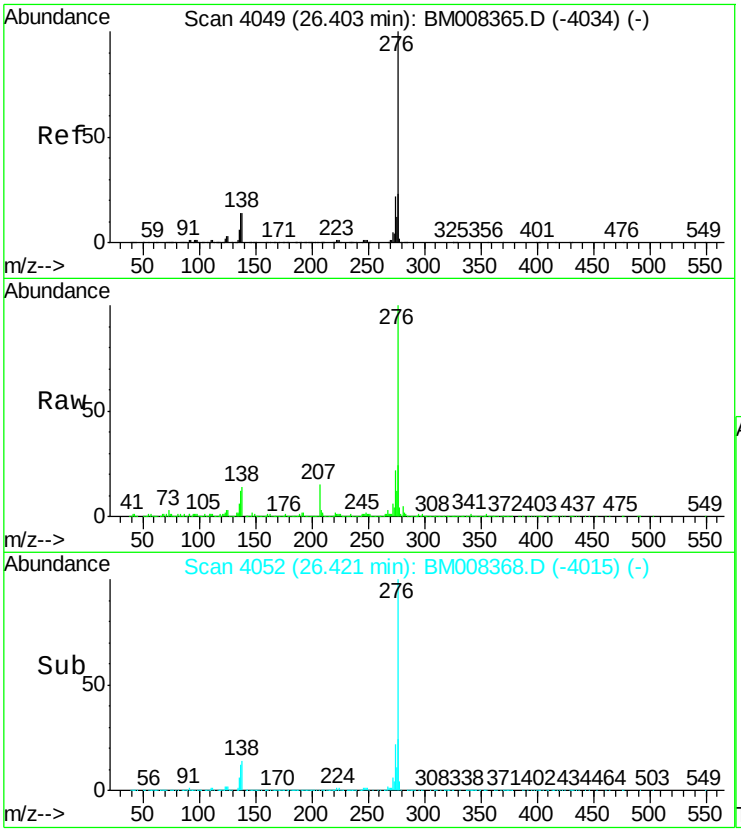


#90
Dibenzo(a,h)anthracene
Concen: 11.56 ng/ul
RT: 25.73 min Scan# 3934
Delta R.T. 0.01 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Tgt Ion:278 Resp: 562371

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.4	14.0#
279	24.6	18.6	28.0





#91
Benzo(g,h,i)perylene
Concen: 47.48 ng/ul
RT: 26.42 min Scan# 4052
Delta R.T. 0.02 min
Lab File: BM008368.D
Acq: 16 Dec 2016 06:16

Instrument :
BNA_M
ClientSampleId :
DA8G5

Tgt Ion:276 Resp: 2300823

Ion	Ratio	Lower	Upper
276	100		
138	14.4	12.0	18.0
277	24.1	19.4	29.0