Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005862.D
Acq On : 17 Jun 2016 15:22
Operator : UM/SJ
Sample : H3537-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y48

Quant Time: Jun 17 15:54:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	32262	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	144313	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	88718	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	205106	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	196720	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	173405	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	685	2.75	ng/uL	0.00
3) Phenol-d5	6.92	99	40687	15.06	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	22136	15.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	38836	17.24	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	33492	13.87	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	18509	18.17	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	22848	18.36	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	42434	17.26	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	13285	7.99	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	142658	17.00	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	176244	18.23	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	8719	8.62	ng/ul	0.02
21) Fluorene-d10	15.37	176	127544	17.83	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	10803	7.81	ng/ul	0.00
26) Anthracene-d10	17.22	188	195720	18.28	ng/ul	0.00
30) Pyrene-d10	19.52	212	219458	23.54	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.42	264	163990	18.92	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.16	178	62494	5.12	ng/ul	99
27) Anthracene	17.26	178	38475	3.08	ng/ul	98
28) Fluoranthene	19.18	202	201223	13.11	ng/ul	99
31) Pyrene	19.54	202	286212	24.62	ng/ul	99
32) Benzo(a)anthracene	21.29	228	125851	10.24	ng/ul	97
33) Chrysene	21.34	228	151785	12.83	ng/ul	96
35) Benzo(b)fluoranthene	22.89	252	115474	10.70	ng/ul#	97
36) Benzo(k)fluoranthene	22.89	252	115474	11.08	ng/ul#	98
38) Benzo(a)pyrene	23.47	252	75987	7.17	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.84	276	44345	3.42	ng/ul#	96
41) Benzo(g,h,i)perylene	26.54	276	46935	4.26	ng/ul	96

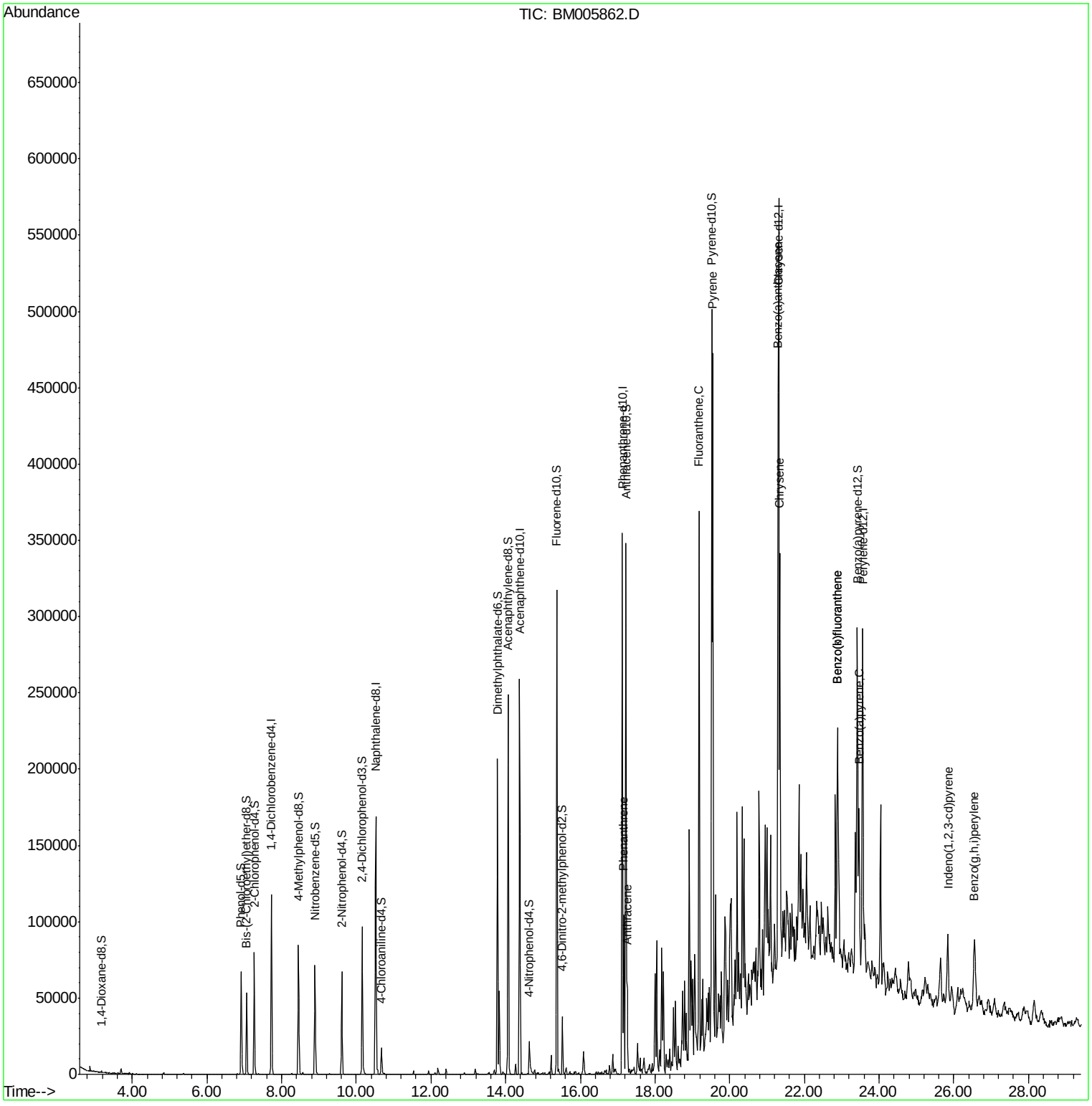
(#) = qualifier out of range (m) = manual integration (+) = signals summed

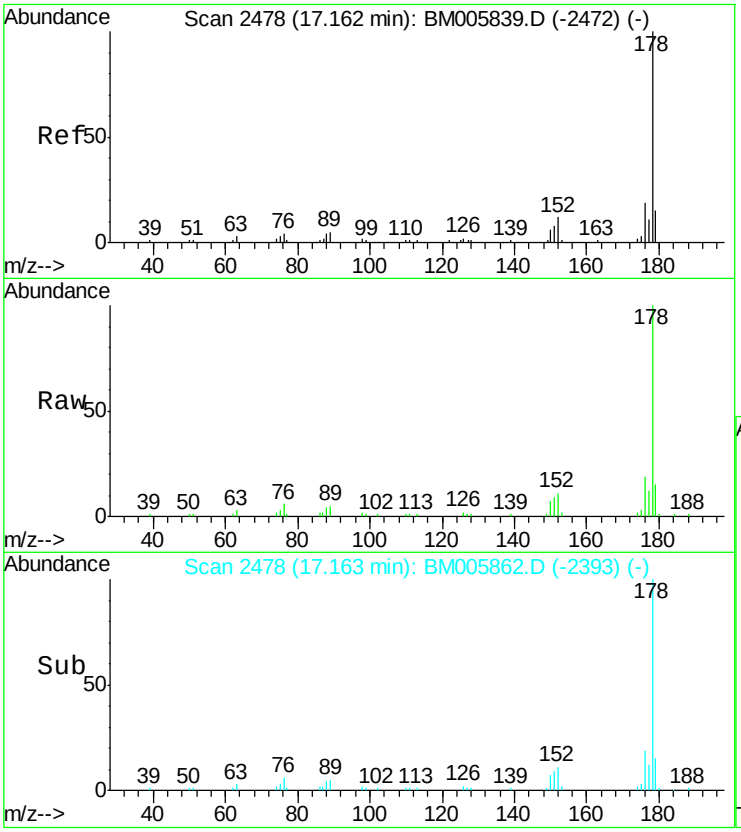
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005862.D
Acq On : 17 Jun 2016 15:22
Operator : UM/SJ
Sample : H3537-18
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y48

Quant Time: Jun 17 15:54:04 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration



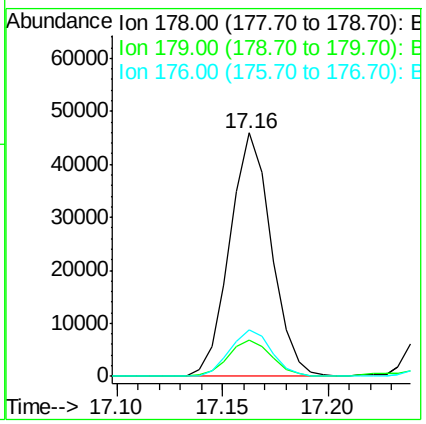


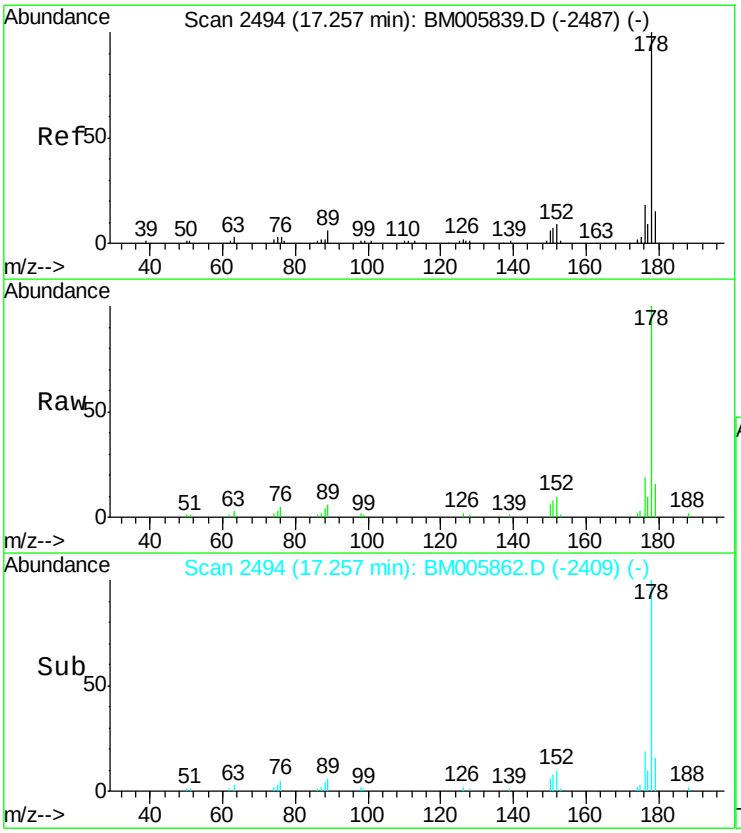
#25
Phenanthrene
Concen: 5.12 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Instrument :
BNA_M
ClientSampleId :
D9Y48

Tgt Ion:178 Resp: 62494

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	19.3	14.9	22.3

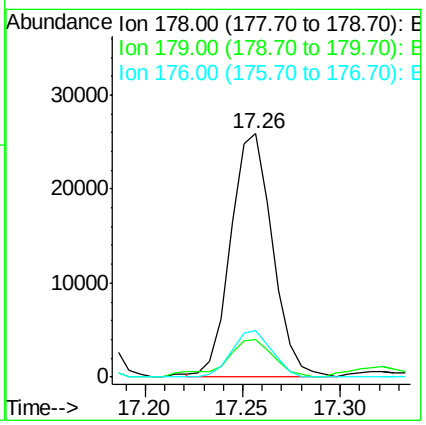


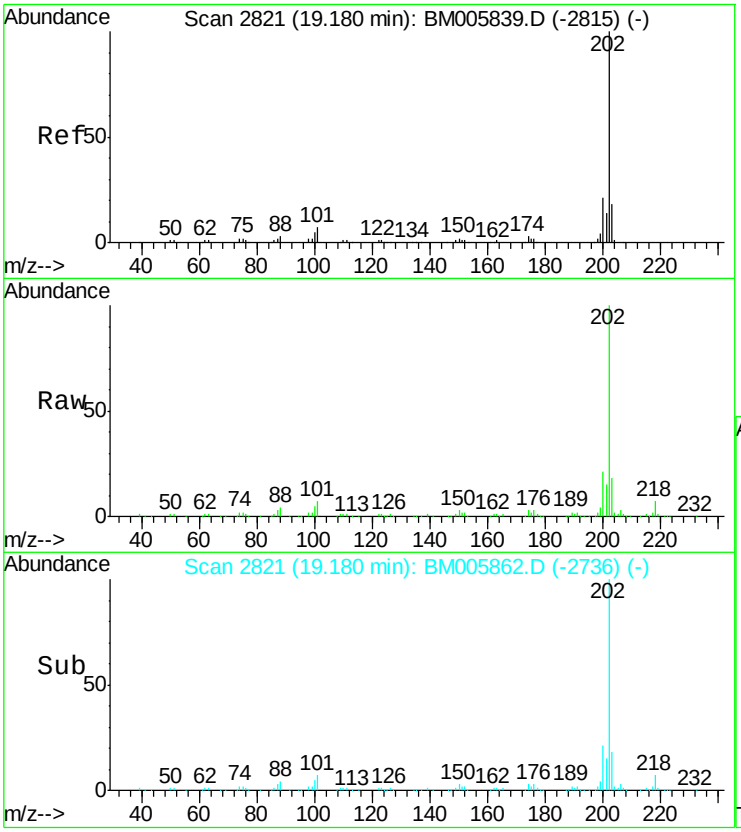


#27
Anthracene
Concen: 3.08 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Tgt Ion:178 Resp: 38475

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	19.3	14.8	22.2



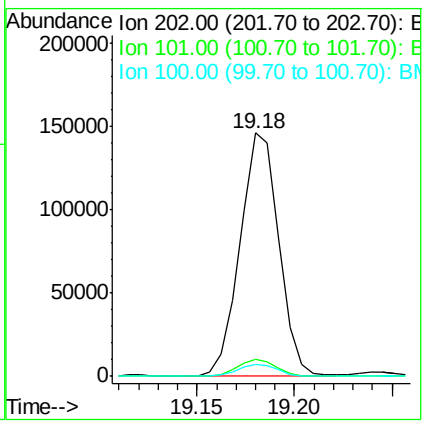


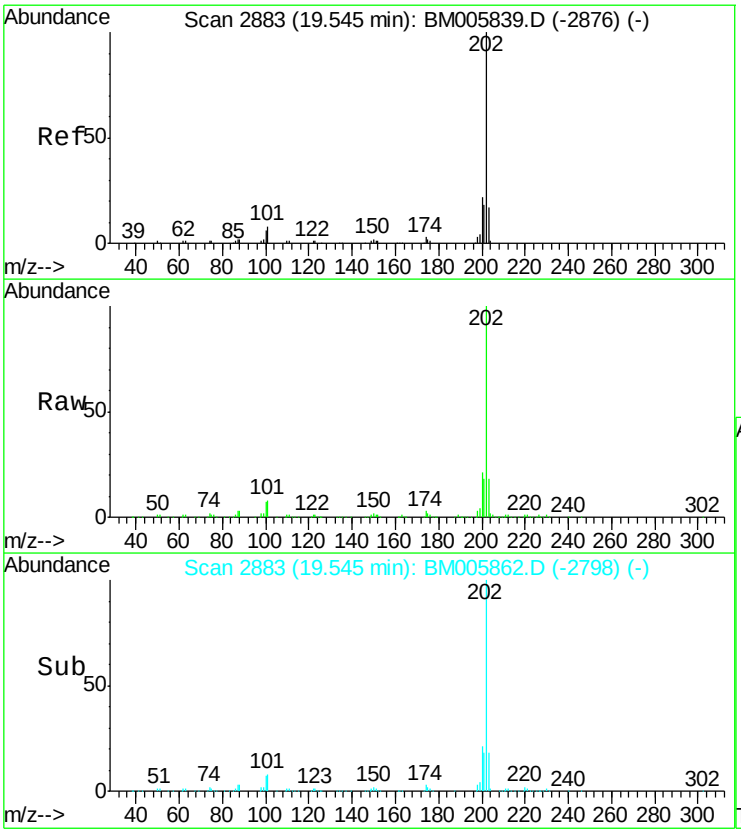
#28
Fluoranthene
Concen: 13.11 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Instrument :
BNA_M
ClientSampleId :
D9Y48

Tgt Ion:202 Resp: 201223

Ion	Ratio	Lower	Upper
202	100		
101	6.8	6.1	9.1
100	5.1	4.2	6.2

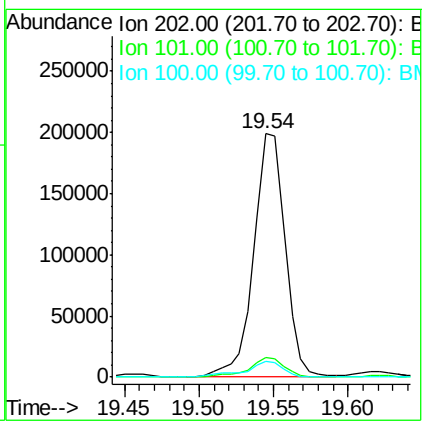


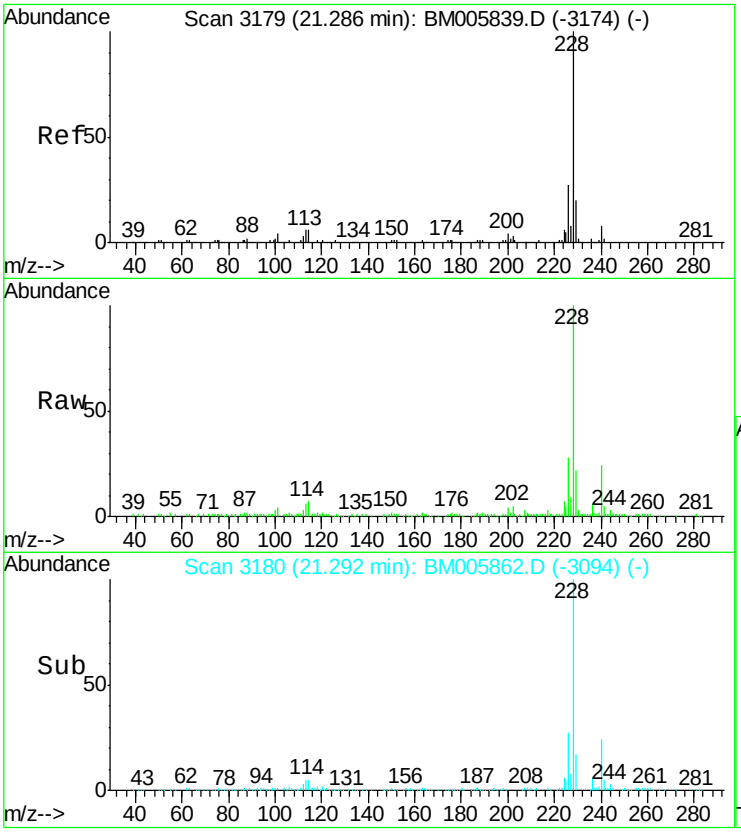


#31
Pyrene
Concen: 24.62 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Tgt Ion:202 Resp: 286212

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.5	9.7
100	6.5	5.4	8.2



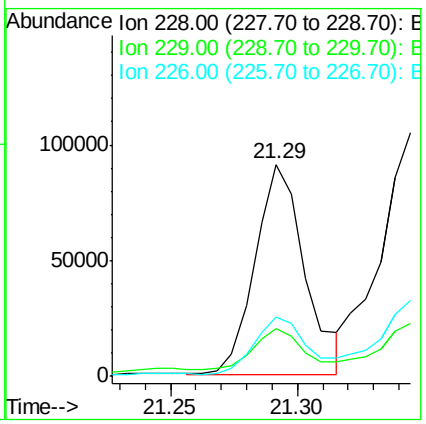


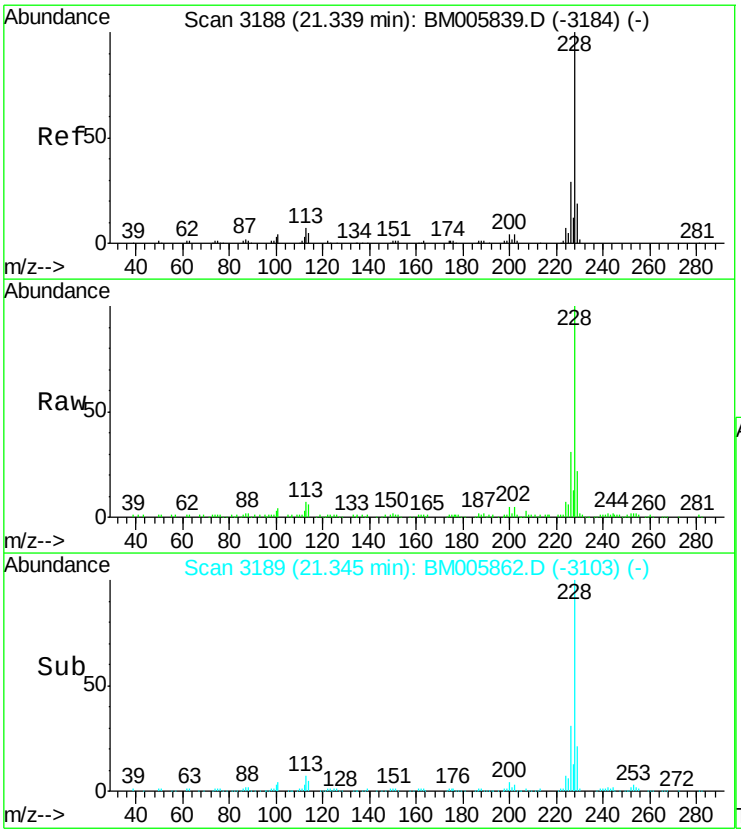
#32
Benzo(a)anthracene
Concen: 10.24 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Instrument :
BNA_M
ClientSampleId :
D9Y48

Tgt Ion:228 Resp: 125851

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.6
226	28.1	21.8	32.6

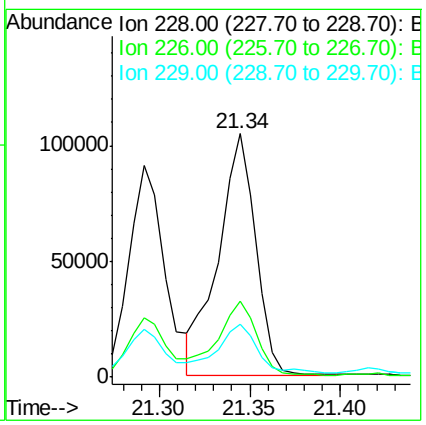


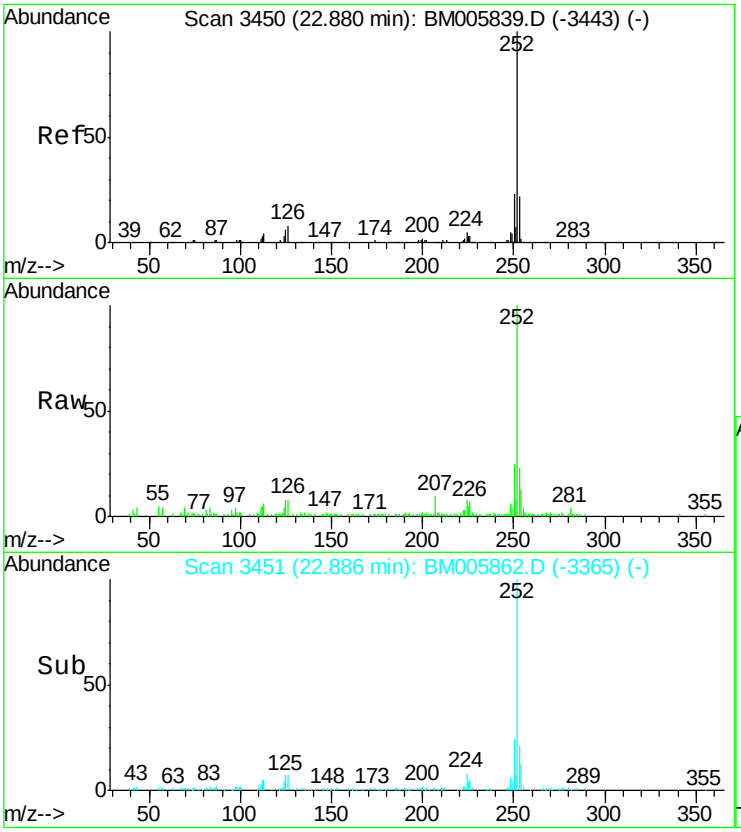


#33
Chrysene
Concen: 12.83 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Tgt Ion:228 Resp: 151785

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	21.7	15.4	23.0



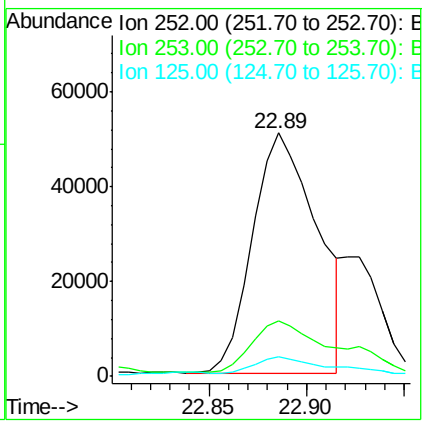


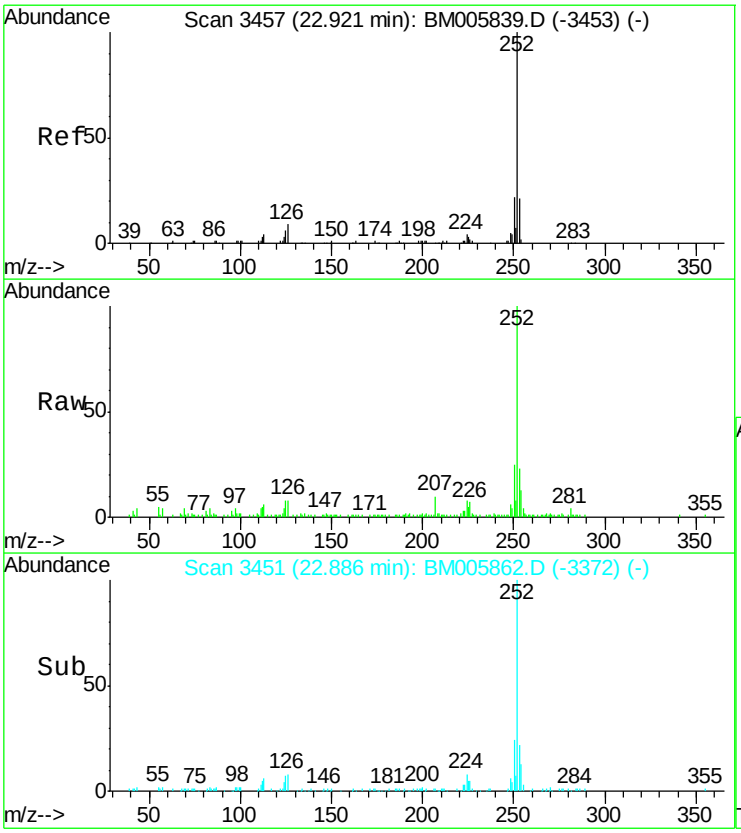
#35
Benzo(b)fluoranthene
Concen: 10.70 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Instrument :
BNA_M
ClientSampleId :
D9Y48

Tgt Ion:252 Resp: 115474

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	7.9	4.9	7.3#

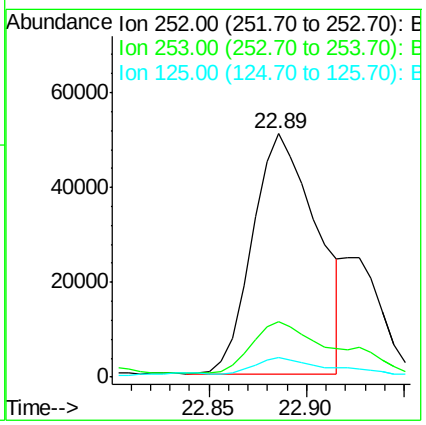


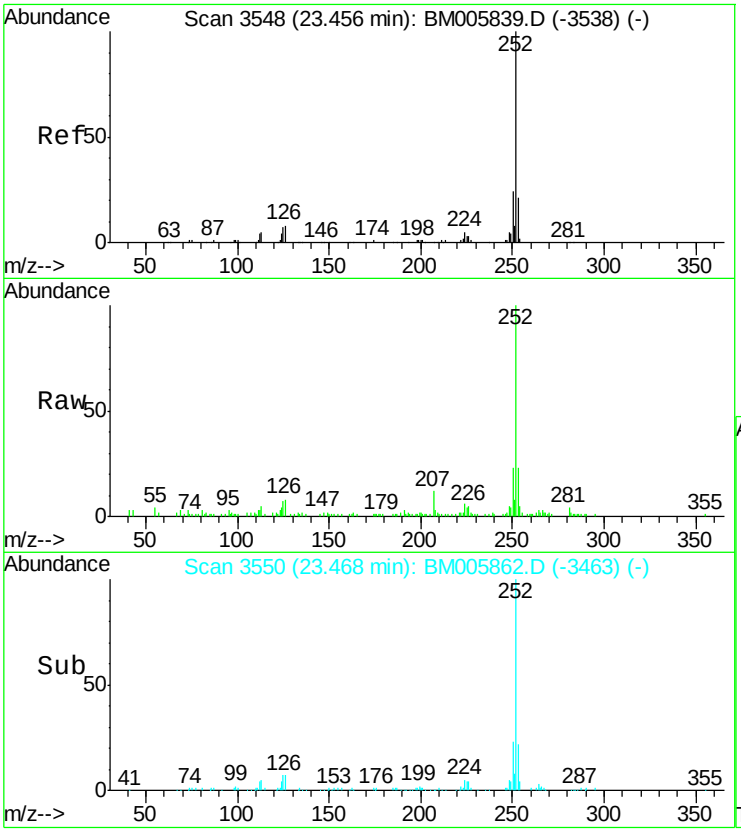


#36
Benzo(k)fluoranthene
Concen: 11.08 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.04 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Tgt Ion:252 Resp: 115474

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	7.9	4.8	7.2#



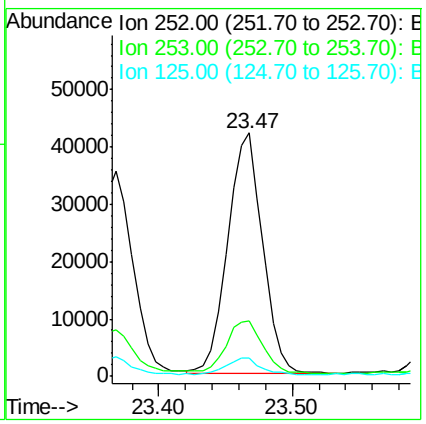


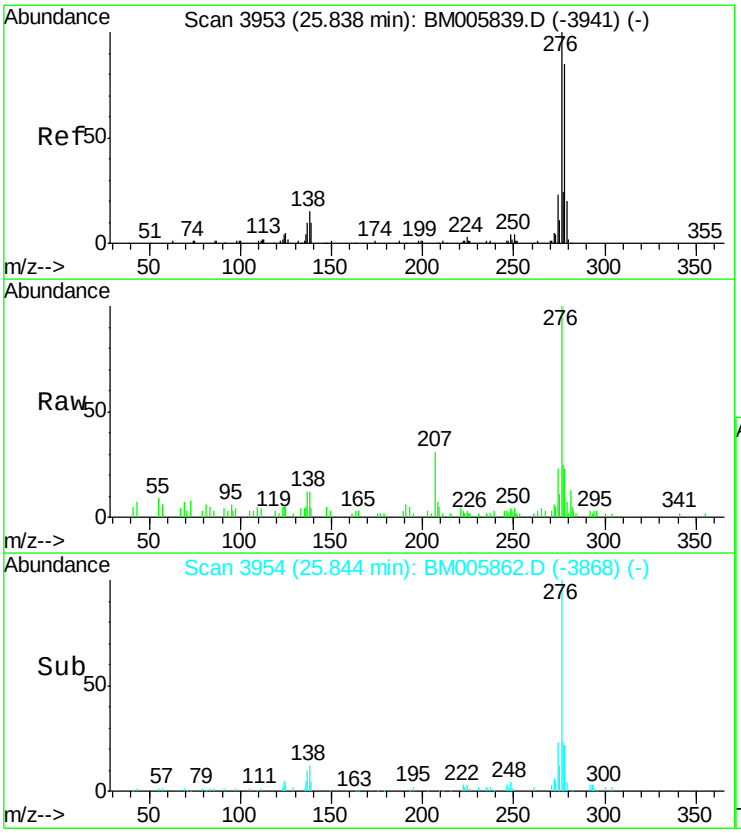
#38
Benzo(a)pyrene
Concen: 7.17 ng/ul
RT: 23.47 min Scan# 3550
Delta R.T. 0.01 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Instrument :
BNA_M
ClientSampleId :
D9Y48

Tgt Ion:252 Resp: 75987

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	7.5	5.1	7.7

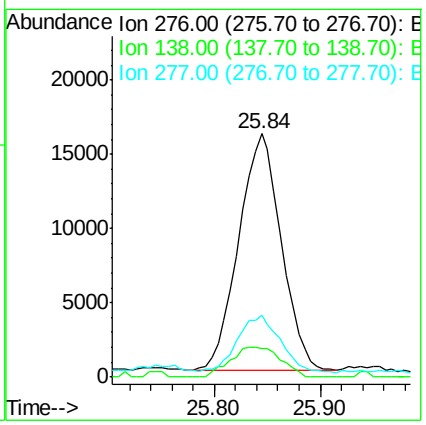


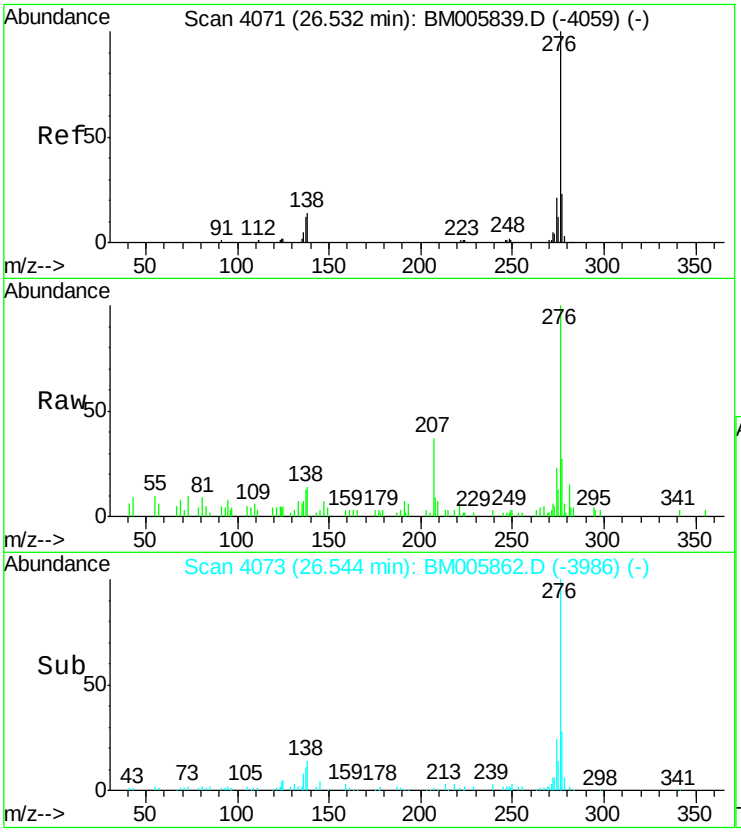


#39
Indeno(1,2,3-cd)pyrene
Concen: 3.42 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. 0.01 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Tgt Ion:276 Resp: 44345

Ion	Ratio	Lower	Upper
276	100		
138	11.6	11.9	17.9#
277	25.2	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 4.26 ng/ul
RT: 26.54 min Scan# 4073
Delta R.T. 0.01 min
Lab File: BM005862.D
Acq: 17 Jun 2016 15:22

Instrument :
BNA_M
ClientSampleId :
D9Y48

Tgt Ion:276 Resp: 46935

Ion	Ratio	Lower	Upper
276	100		
138	13.7	10.6	15.8
277	27.3	19.6	29.4