Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005858.D
Acq On : 17 Jun 2016 12:58
Operator : UM/SJ
Sample : H3535-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XW9

Quant Time: Jun 17 14:40:18 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	23779	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	113848	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	74346	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	173979	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	200015	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	172727	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	254	1.38	ng/uL	0.00
3) Phenol-d5	6.92	99	20319	10.21	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	13102	12.70	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	20586	12.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	13565	7.62	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	10570	13.15	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	12368	12.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	22129	11.41	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	5381	4.10	ng/ul	0.00
16) Dimethylphthalate-d6	13.78	166	83834	11.92	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	106569	13.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	1782	2.10	ng/ul	0.03
21) Fluorene-d10	15.37	176	76982	12.84	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	5558	4.73	ng/ul	0.00
26) Anthracene-d10	17.22	188	118745	13.07	ng/ul	0.00
30) Pyrene-d10	19.52	212	141091	14.88	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	111896	12.96	ng/ul	0.00
Target Compounds						Qvalue
13) 2-Methylnaphthalene	12.19	142	4845	1.04	ng/ul	96
25) Phenanthrene	17.16	178	33621	3.25	ng/ul	98
28) Fluoranthene	19.18	202	61829	4.75	ng/ul	98
31) Pyrene	19.54	202	51939	4.39	ng/ul	99
32) Benzo(a)anthracene	21.29	228	27441	2.20	ng/ul	96
33) Chrysene	21.34	228	33919	2.82	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	41784	3.89	ng/ul	96
36) Benzo(k)fluoranthene	22.89	252	41784	4.02	ng/ul	97
38) Benzo(a)pyrene	23.46	252	25418	2.41	ng/ul#	98
39) Indeno(1,2,3-cd)pyrene	25.84	276	18961	1.47	ng/ul	93
41) Benzo(g,h,i)perylene	26.54	276	19492	1.77	ng/ul	100

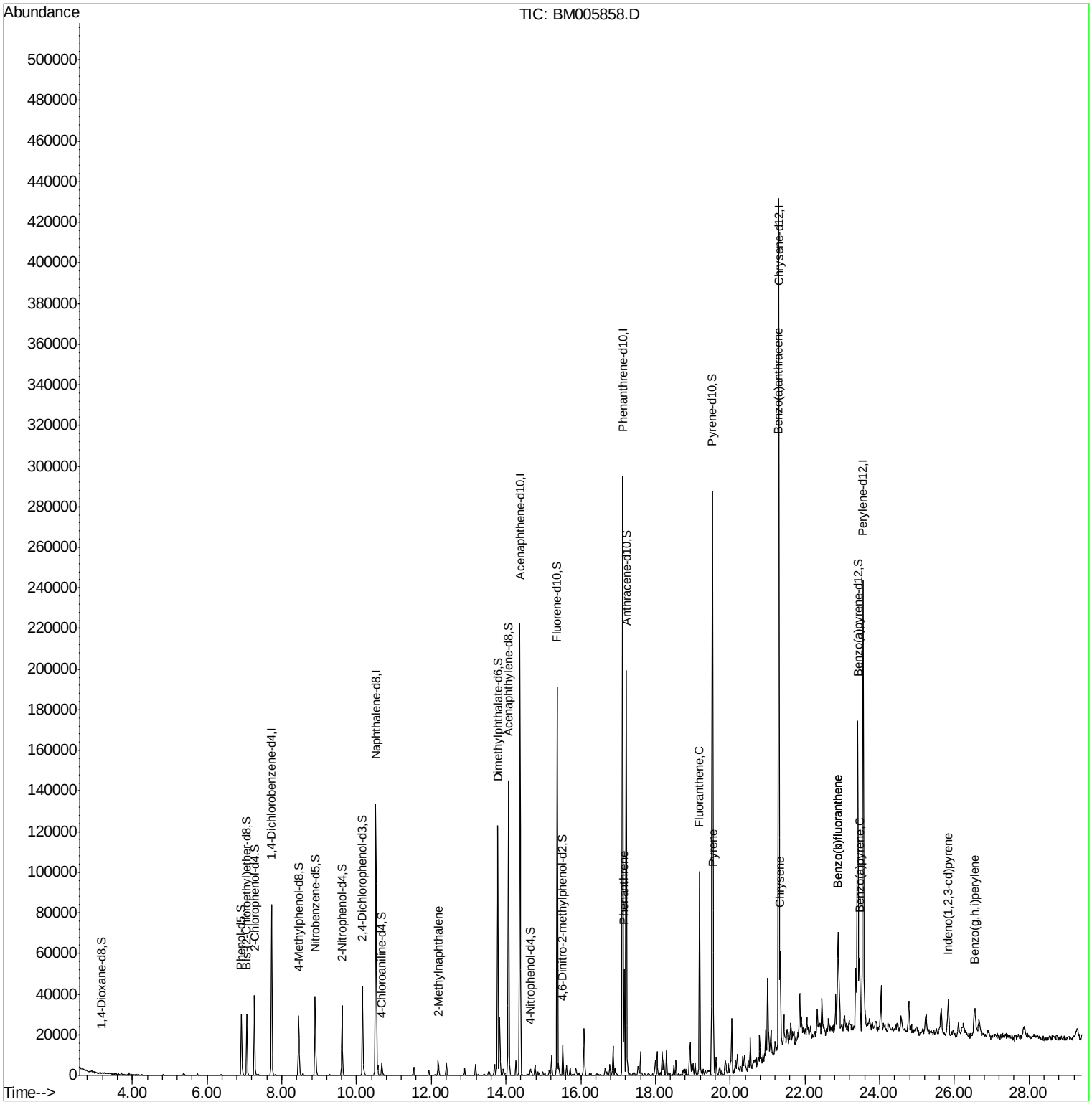
(#) = qualifier out of range (m) = manual integration (+) = signals summed

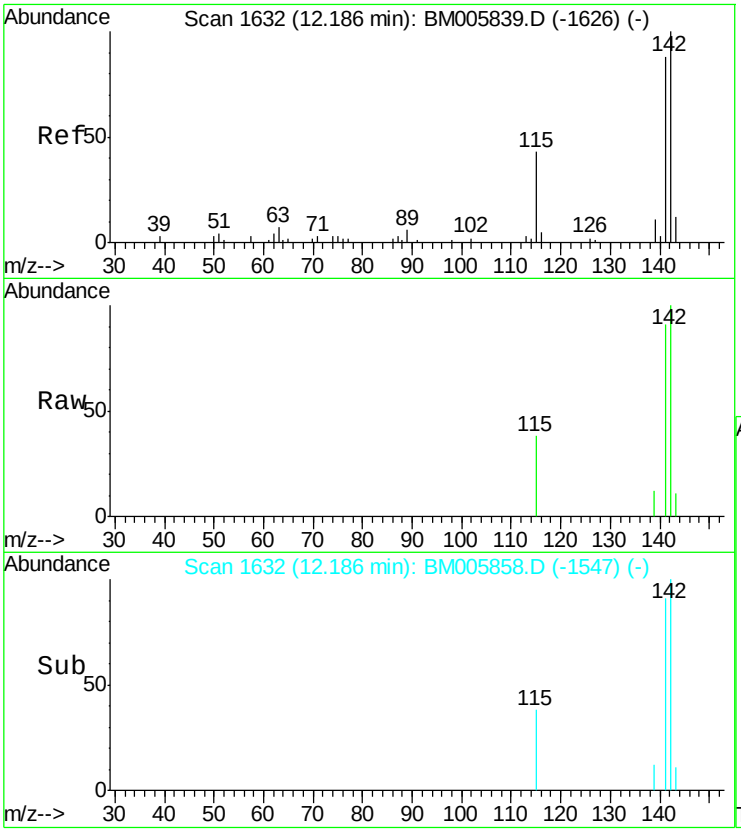
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005858.D
Acq On : 17 Jun 2016 12:58
Operator : UM/SJ
Sample : H3535-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW9

Quant Time: Jun 17 14:40:18 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



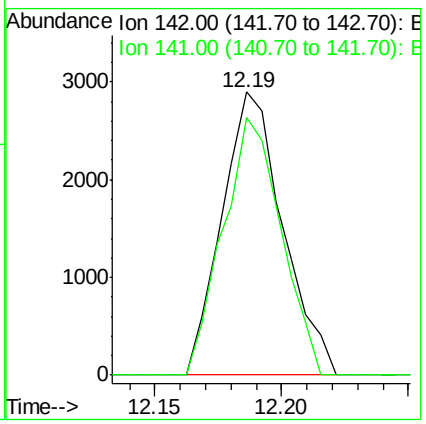


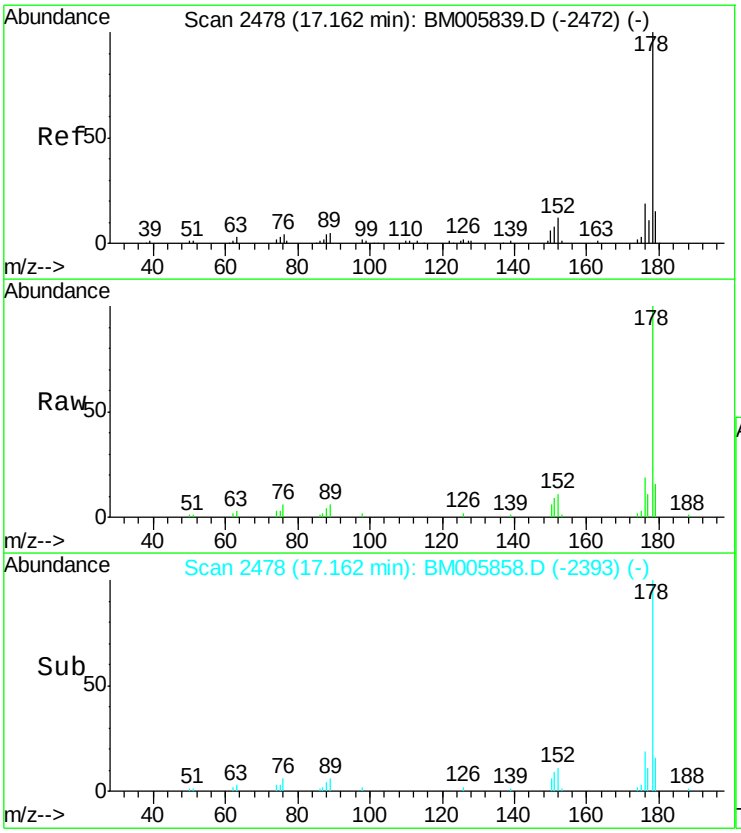
#13
2-Methylnaphthalene
Concen: 1.04 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Instrument :
BNA_M
ClientSampleId :
D9XW9

Tgt Ion:142 Resp: 4845

Ion	Ratio	Lower	Upper
142	100		
141	91.3	70.2	105.2

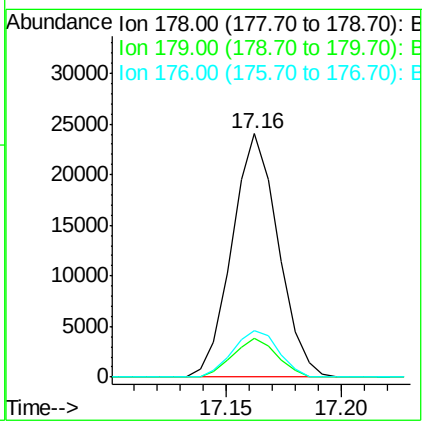


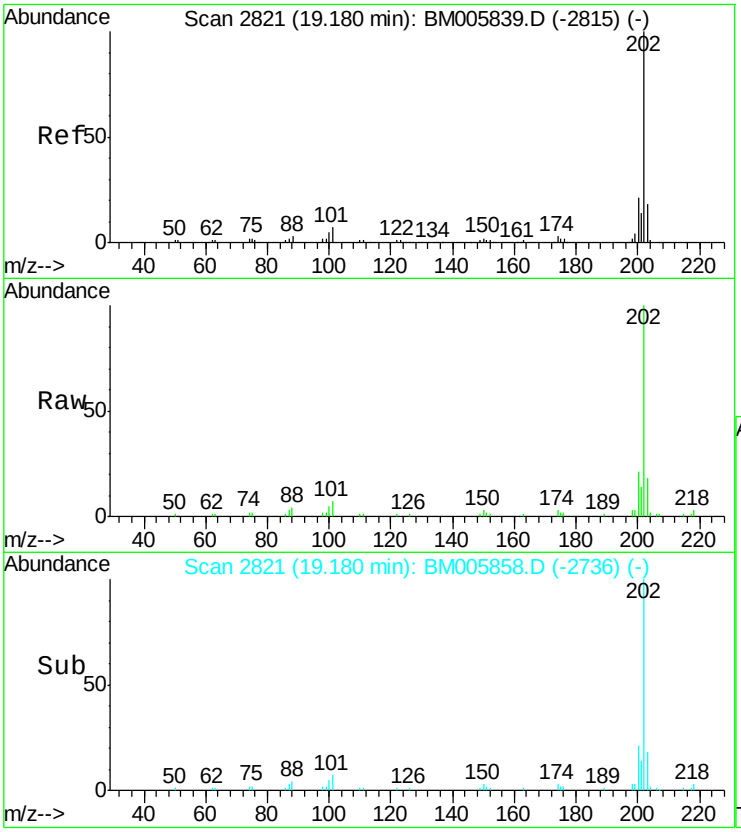


#25
Phenanthrene
Concen: 3.25 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Tgt Ion:178 Resp: 33621

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.0	18.0
176	18.9	14.9	22.3



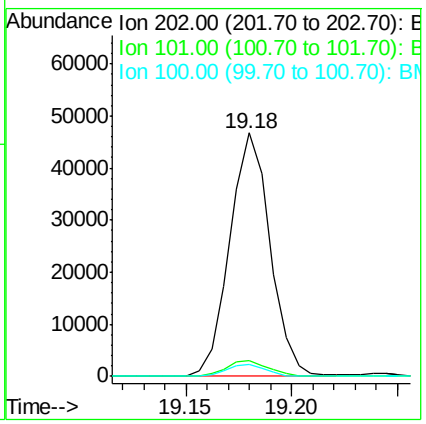


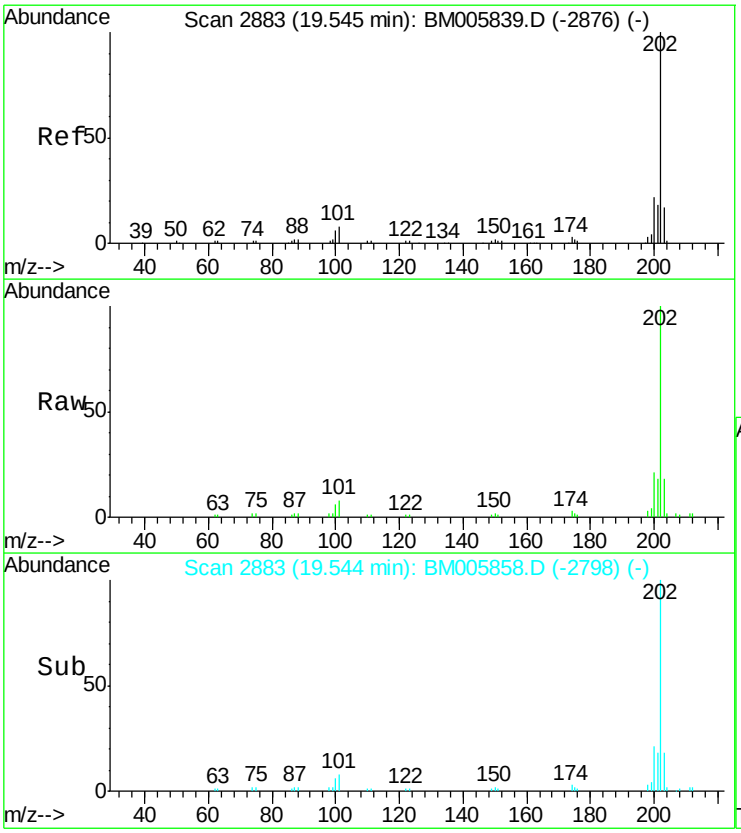
#28
Fluoranthene
Concen: 4.75 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Instrument :
BNA_M
ClientSampleId :
D9XW9

Tgt Ion:202 Resp: 61829

Ion	Ratio	Lower	Upper
202	100		
101	6.6	6.1	9.1
100	4.7	4.2	6.2

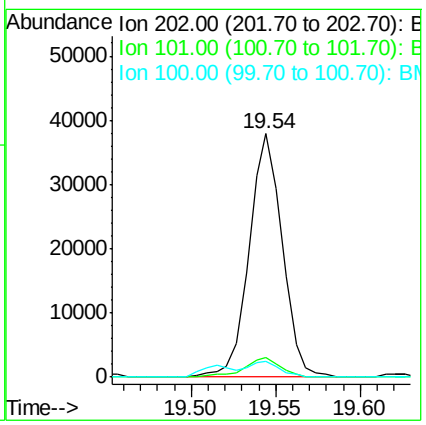


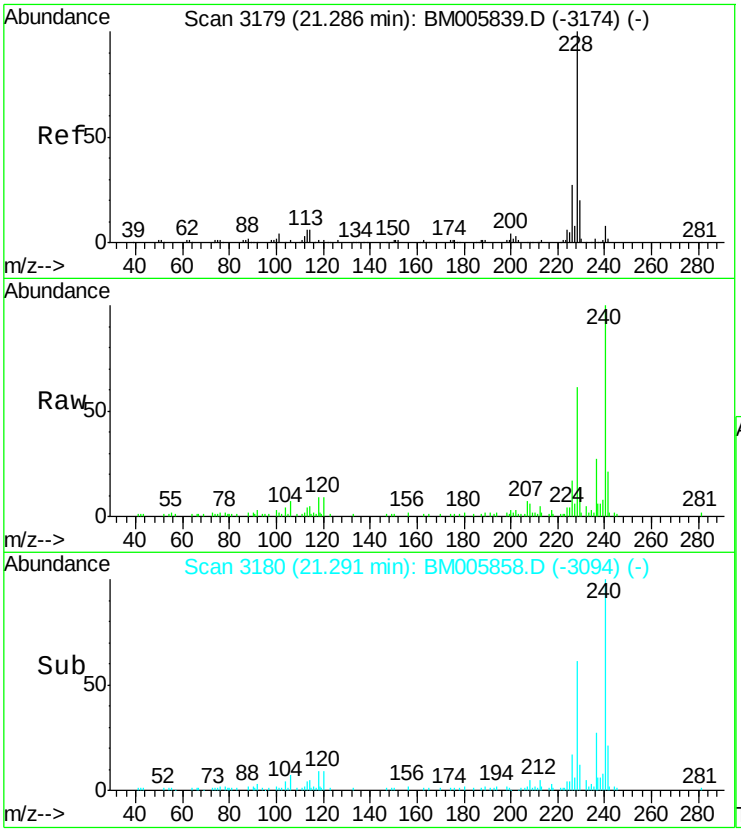


#31
Pyrene
Concen: 4.39 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. -0.00 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Tgt Ion:202 Resp: 51939

Ion	Ratio	Lower	Upper
202	100		
101	8.2	6.5	9.7
100	6.4	5.4	8.2



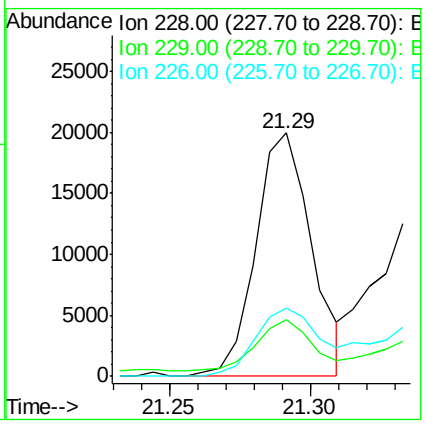


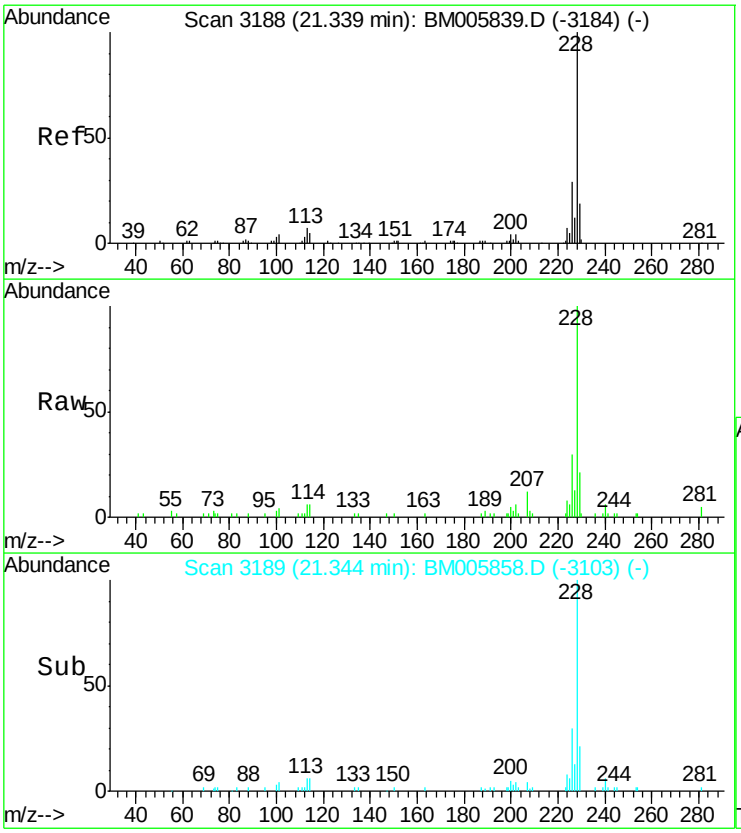
#32
Benzo(a)anthracene
Concen: 2.20 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Instrument :
BNA_M
ClientSampleId :
D9XW9

Tgt Ion:228 Resp: 27441

Ion	Ratio	Lower	Upper
228	100		
229	23.1	15.8	23.6
226	27.8	21.8	32.6

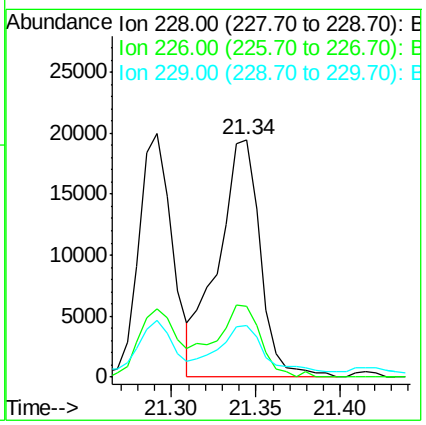


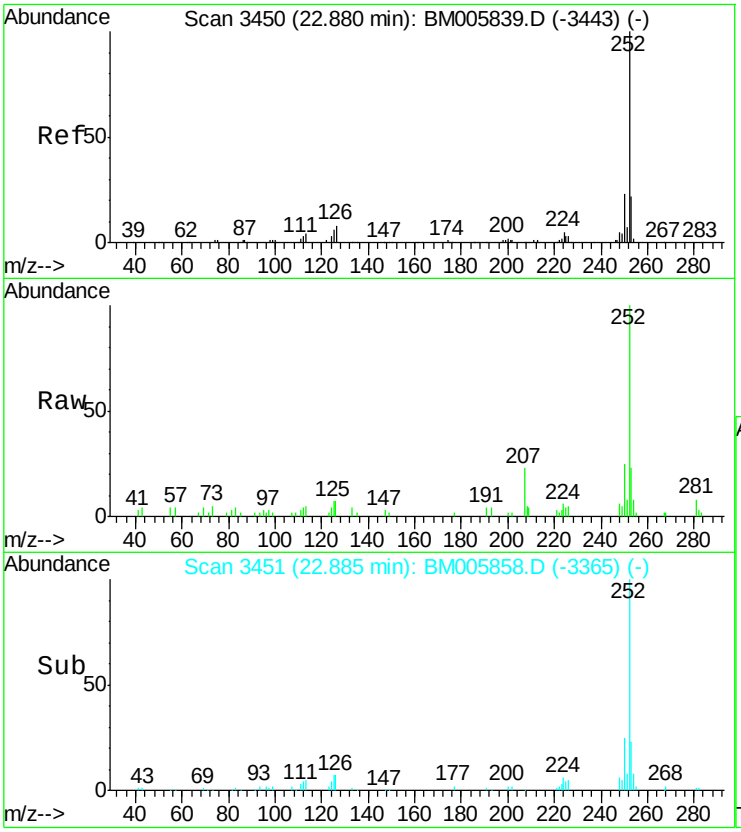


#33
Chrysene
Concen: 2.82 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Tgt Ion:228 Resp: 33919

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	21.5	15.4	23.0



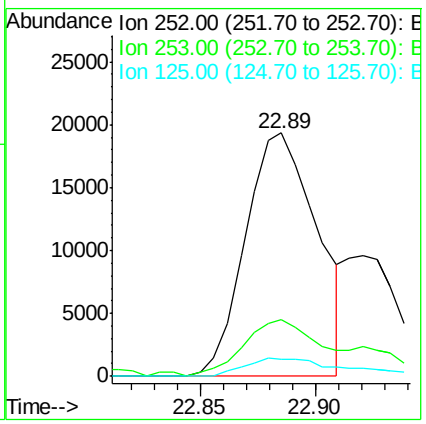


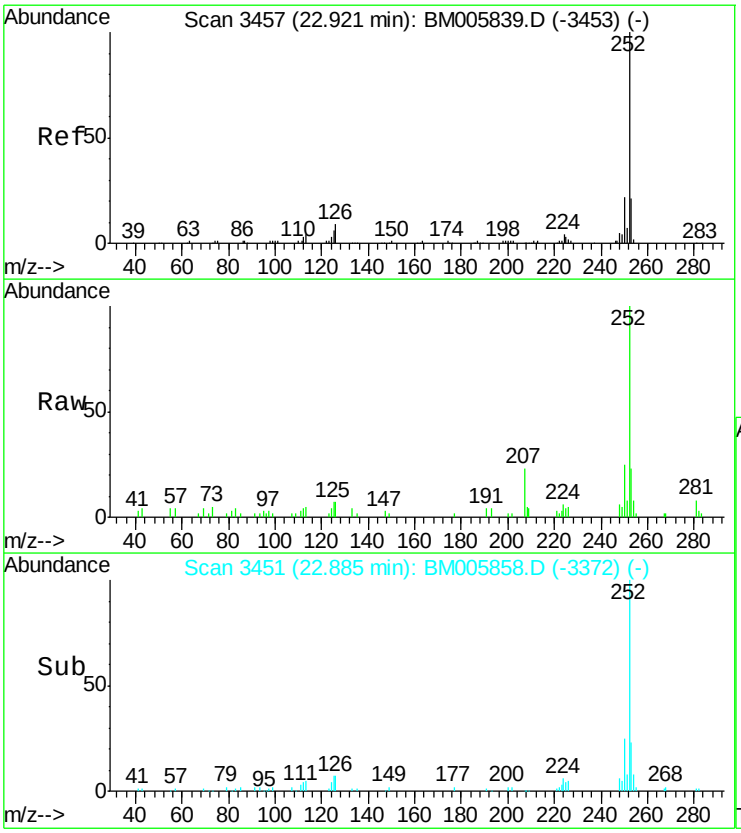
#35
Benzo(b)fluoranthene
Concen: 3.89 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. 0.01 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Instrument :
BNA_M
ClientSampleId :
D9XW9

Tgt Ion:252 Resp: 41784

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	6.8	4.9	7.3

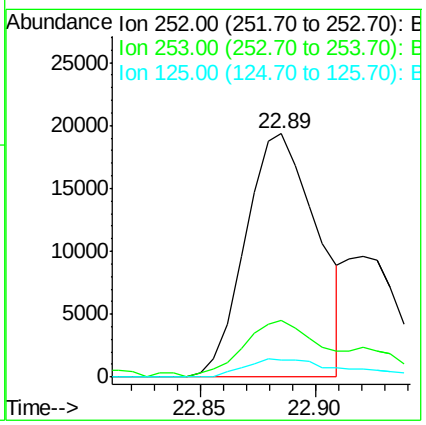


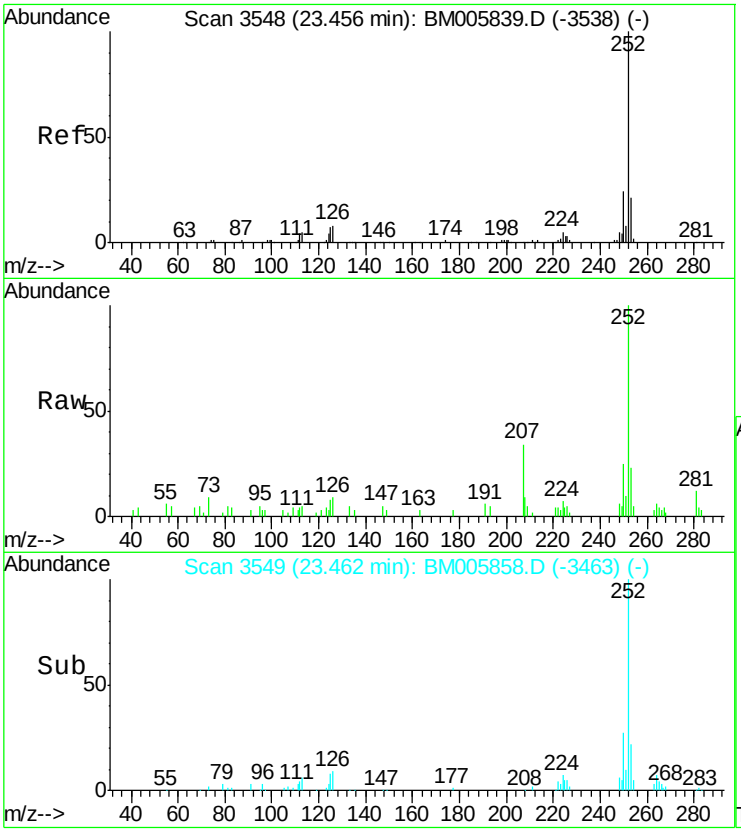


#36
Benzo(k)fluoranthene
Concen: 4.02 ng/ul
RT: 22.89 min Scan# 3451
Delta R.T. -0.04 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Tgt Ion:252 Resp: 41784

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	6.8	4.8	7.2



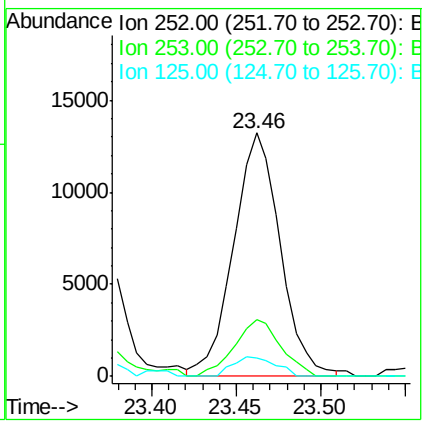


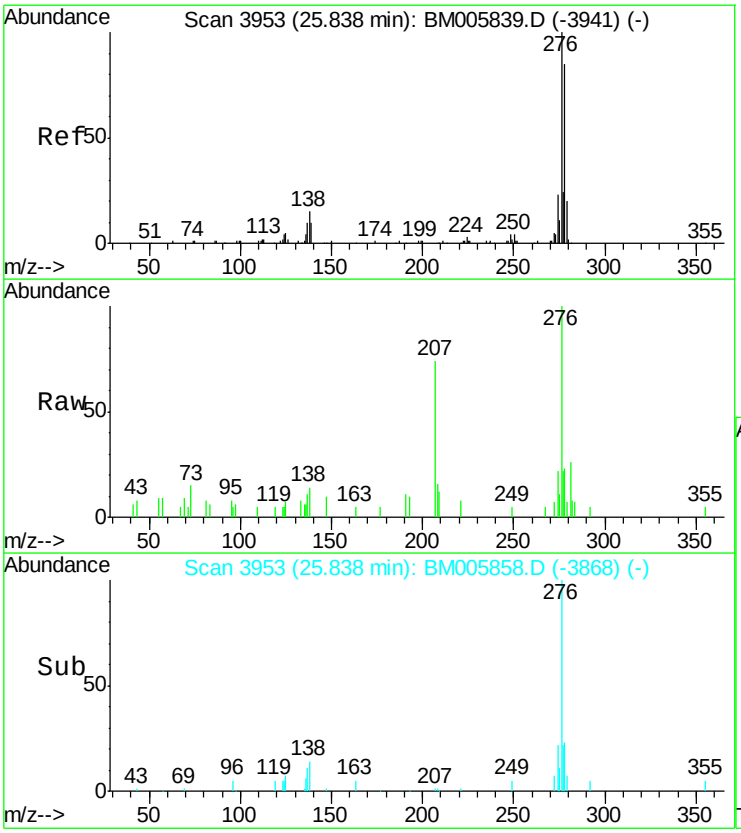
#38
Benzo(a)pyrene
Concen: 2.41 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.01 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Instrument :
BNA_M
ClientSampleId :
D9XW9

Tgt Ion:252 Resp: 25418

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	7.7	5.1	7.7#

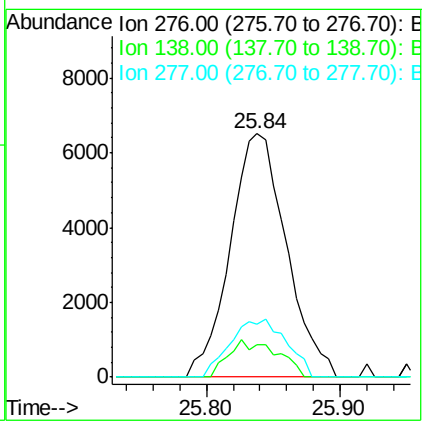


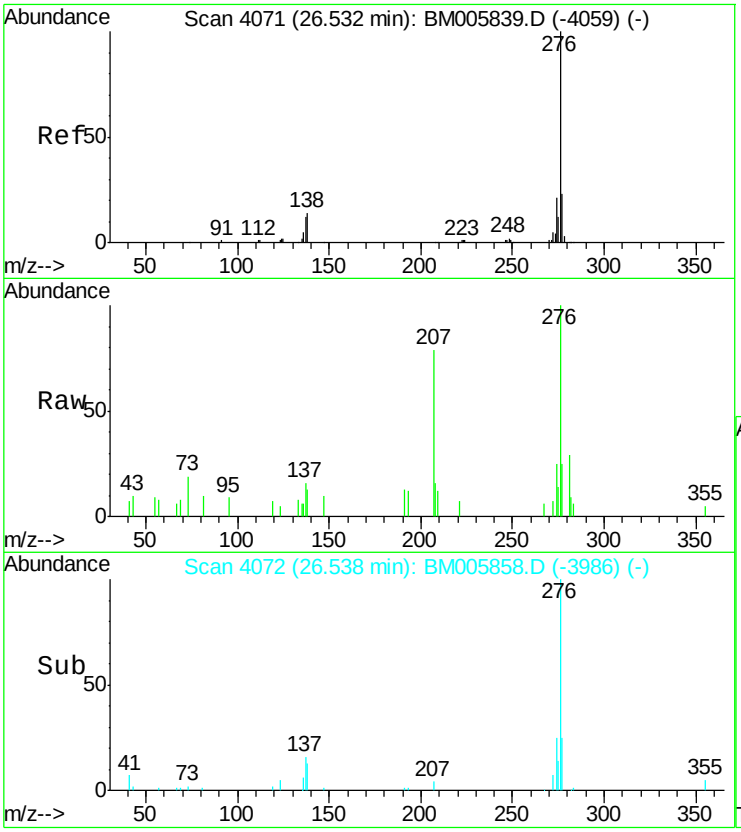


#39
Indeno(1,2,3-cd)pyrene
Concen: 1.47 ng/ul
RT: 25.84 min Scan# 3953
Delta R.T. -0.00 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Tgt Ion:276 Resp: 18961

Ion	Ratio	Lower	Upper
276	100		
138	13.5	11.9	17.9
277	21.6	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 1.77 ng/ul
RT: 26.54 min Scan# 4072
Delta R.T. 0.01 min
Lab File: BM005858.D
Acq: 17 Jun 2016 12:58

Instrument :
BNA_M
ClientSampleId :
D9XW9

Tgt Ion:276 Resp: 19492

Ion	Ratio	Lower	Upper
276	100		
138	13.3	10.6	15.8
277	24.8	19.6	29.4