Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006792.D
Acq On : 31 Jul 2016 16:46
Operator : UM/SJ
Sample : H4190-12
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:43:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	185458	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	802364	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	450031	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1021934	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1152172	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1197056	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	4291	0.94	ng/uL	0.00
3) Phenol-d5	6.79	99	161118	10.21	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	126677	12.96	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	144595	11.47	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	86882	7.10	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	77177	12.71	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	84646	13.11	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	140718	11.53	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	171538	12.76	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	475066	13.46	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	595569	13.22	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	56857	9.28	ng/ul	0.01
21) Fluorene-d10	15.25	176	427357	13.54	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	48249	9.10	ng/ul	0.00
26) Anthracene-d10	17.10	188	636209	13.11	ng/ul	0.00
30) Pyrene-d10	19.41	212	739902	14.09	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	744732	13.53	ng/ul	-0.01
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	101166	1.76	ng/ul	98
28) Fluoranthene	19.07	202	248018	3.67	ng/ul	99
31) Pyrene	19.44	202	211804	3.04	ng/ul	97
32) Benzo(a)anthracene	21.19	228	149939	2.15	ng/ul	97
33) Chrysene	21.24	228	174896	2.72	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	229473	3.20	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	229473	3.31	ng/ul	99
38) Benzo(a)pyrene	23.32	252	143271	2.05	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.61	276	108357	1.34	ng/ul	98
41) Benzo(g,h,i)perylene	26.28	276	80637	1.16	ng/ul	97

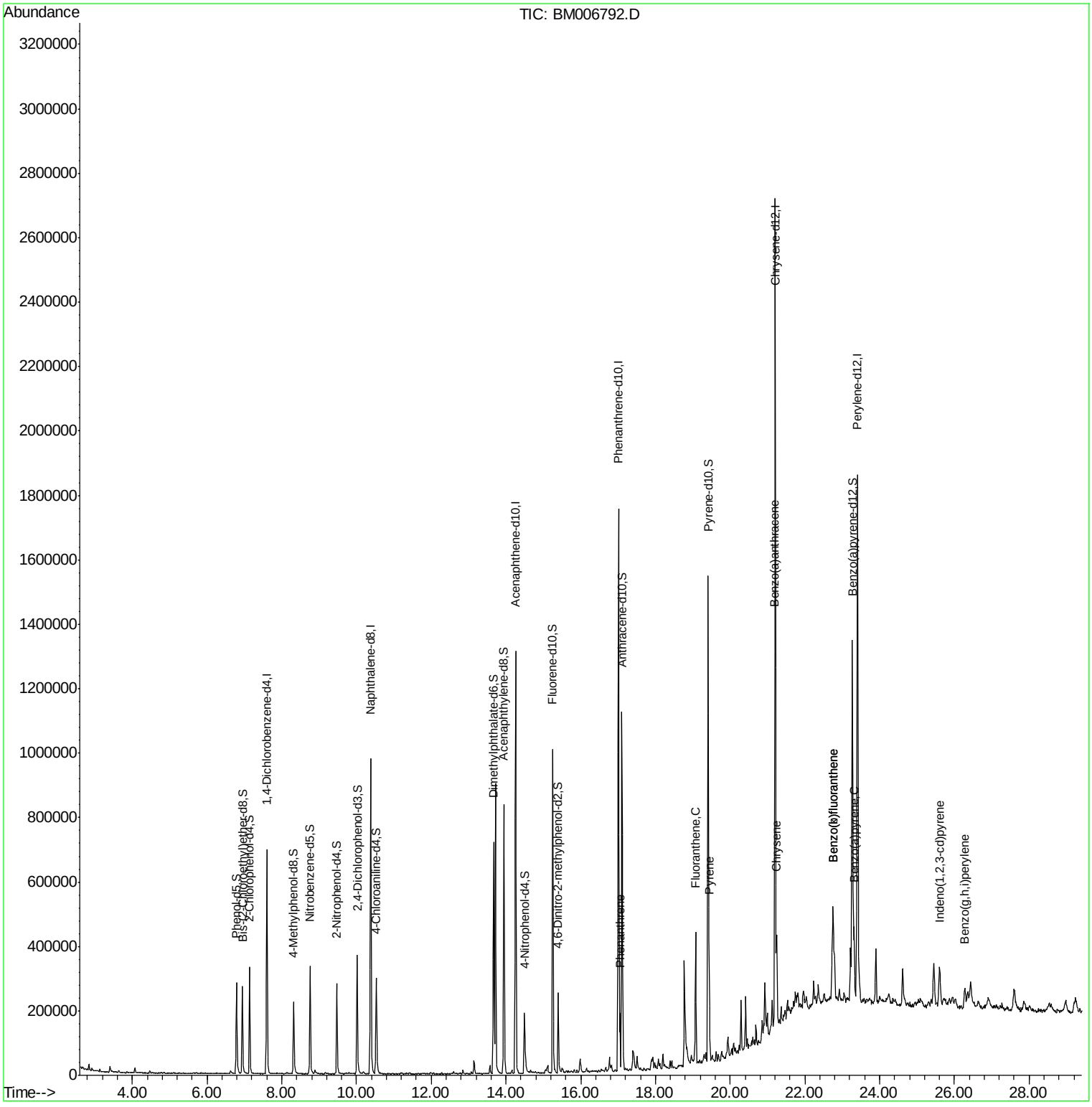
(#) = qualifier out of range (m) = manual integration (+) = signals summed

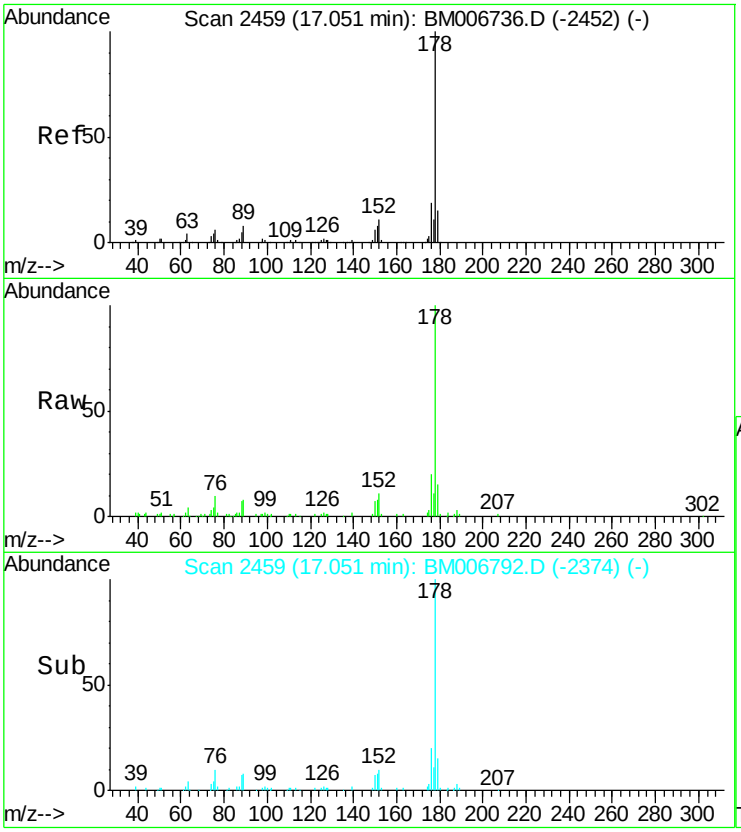
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006792.D
Acq On : 31 Jul 2016 16:46
Operator : UM/SJ
Sample : H4190-12
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 01 06:43:21 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration



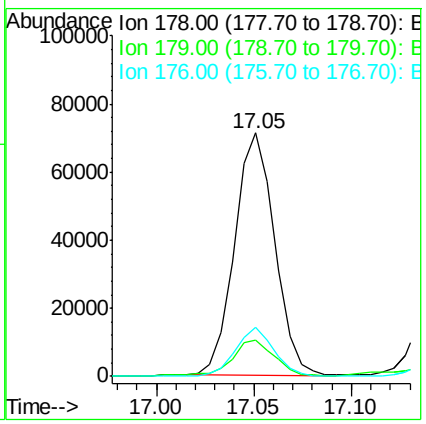


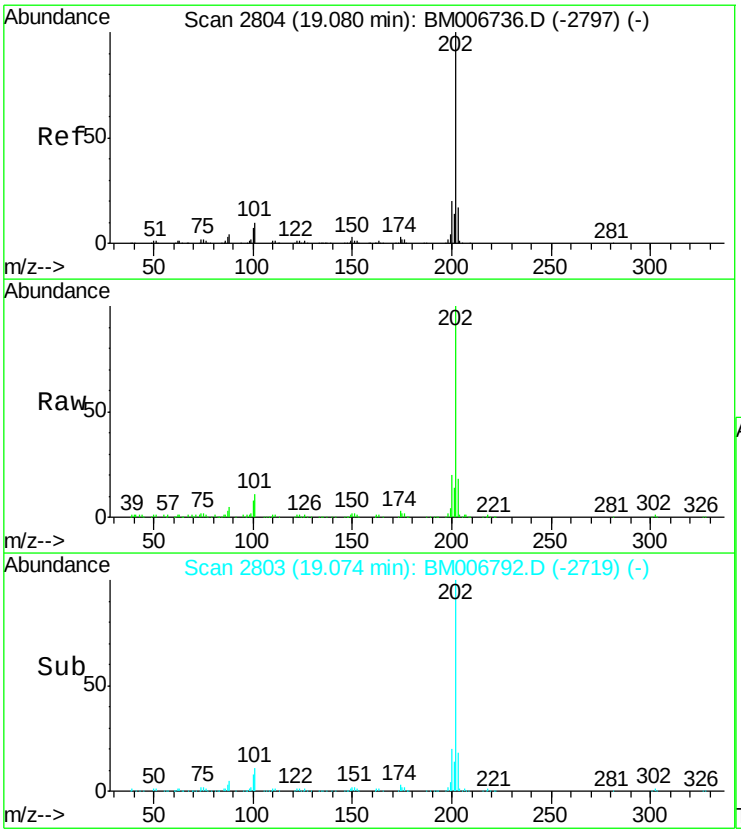
#25
Phenanthrene
Concen: 1.76 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 101166

Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	20.2	14.8	22.2

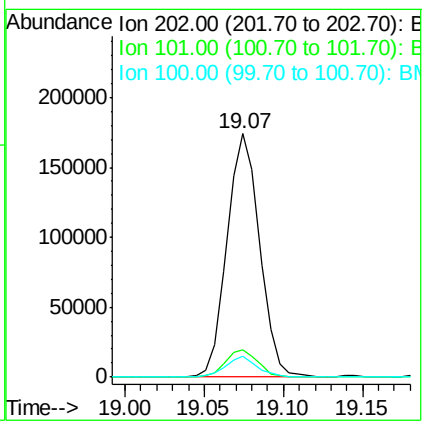


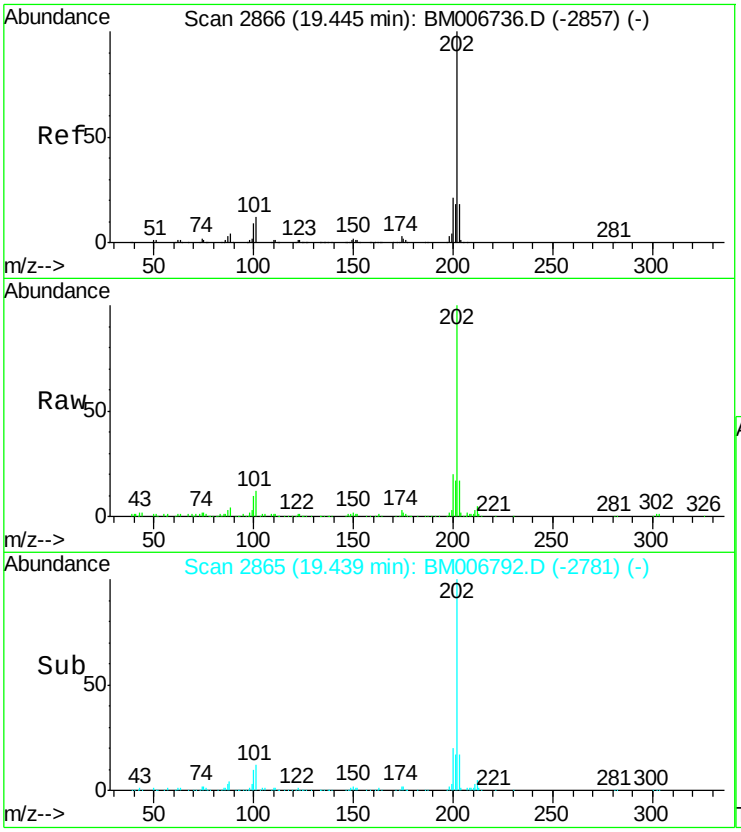


#28
Fluoranthene
Concen: 3.67 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Tgt Ion:202 Resp: 248018

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
100	8.5	7.0	10.4



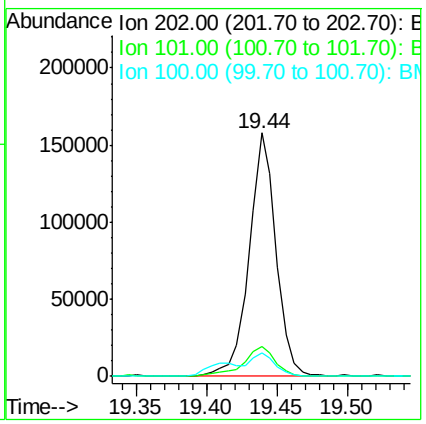


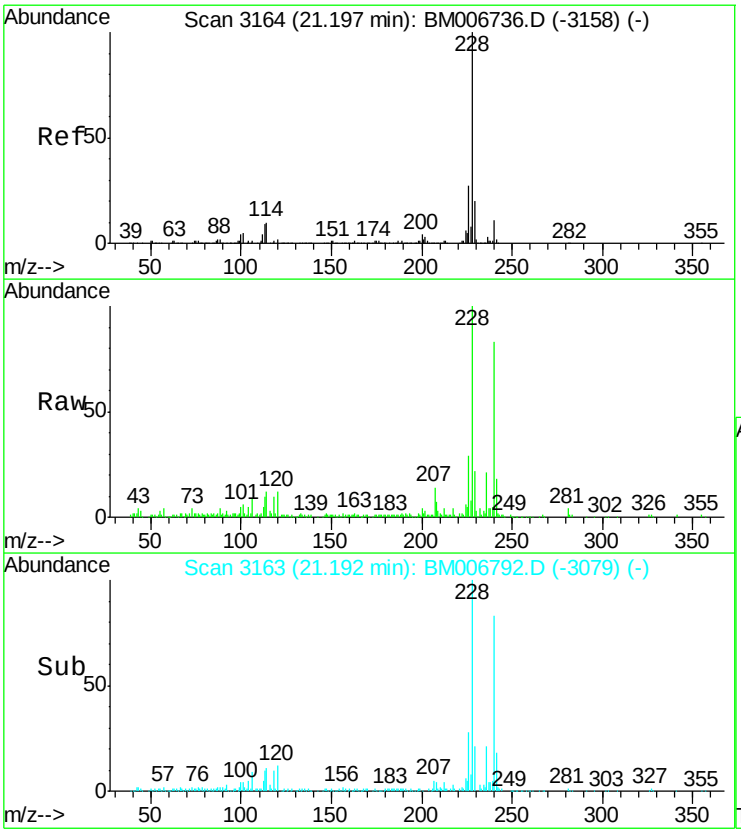
#31
Pyrene
Concen: 3.04 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 211804

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.8
100	9.5	9.3	13.9

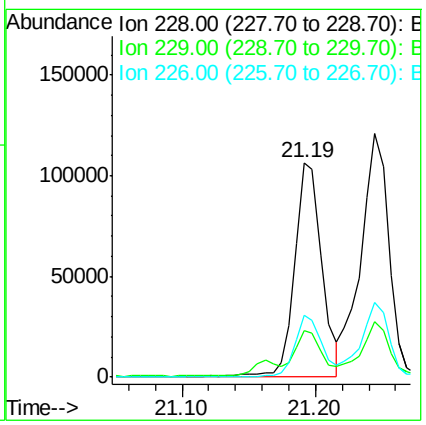


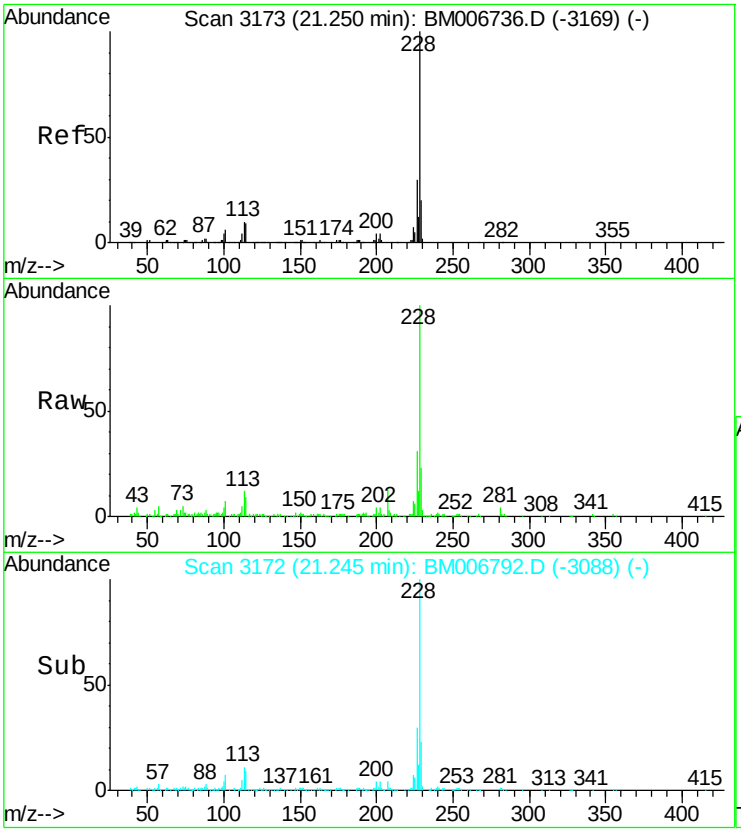


#32
Benzo(a)anthracene
Concen: 2.15 ng/ul
RT: 21.19 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Tgt Ion:228 Resp: 149939

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.6	25.0
226	28.7	21.0	31.4



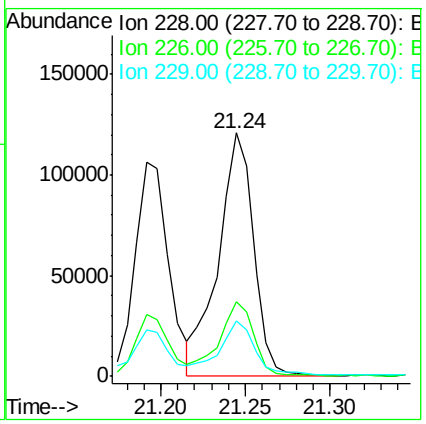


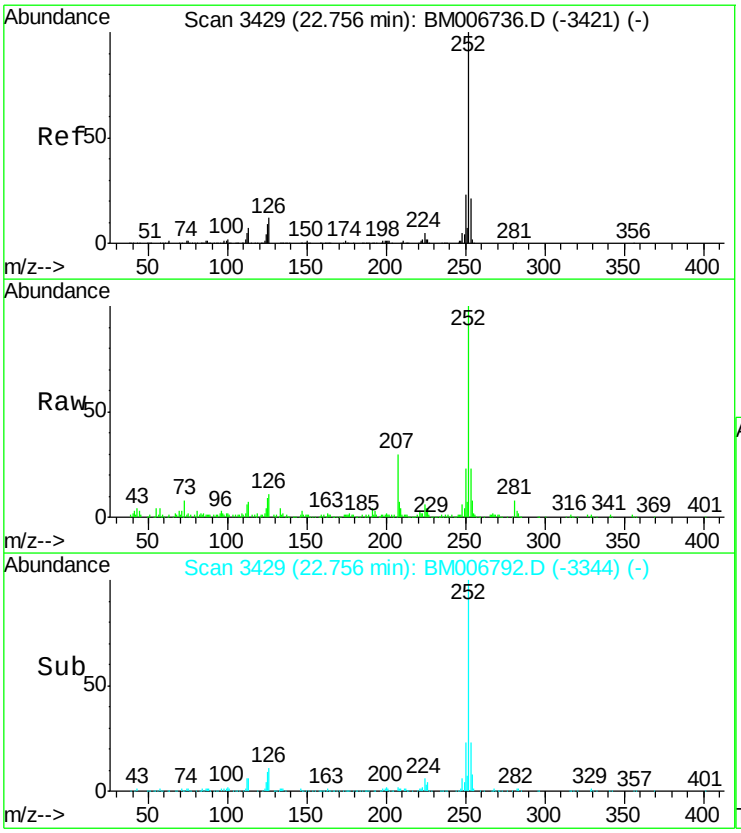
#33
Chrysene
Concen: 2.72 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 174896

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	23.0	16.2	24.2

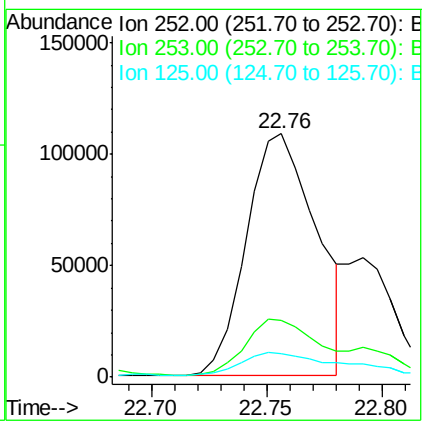


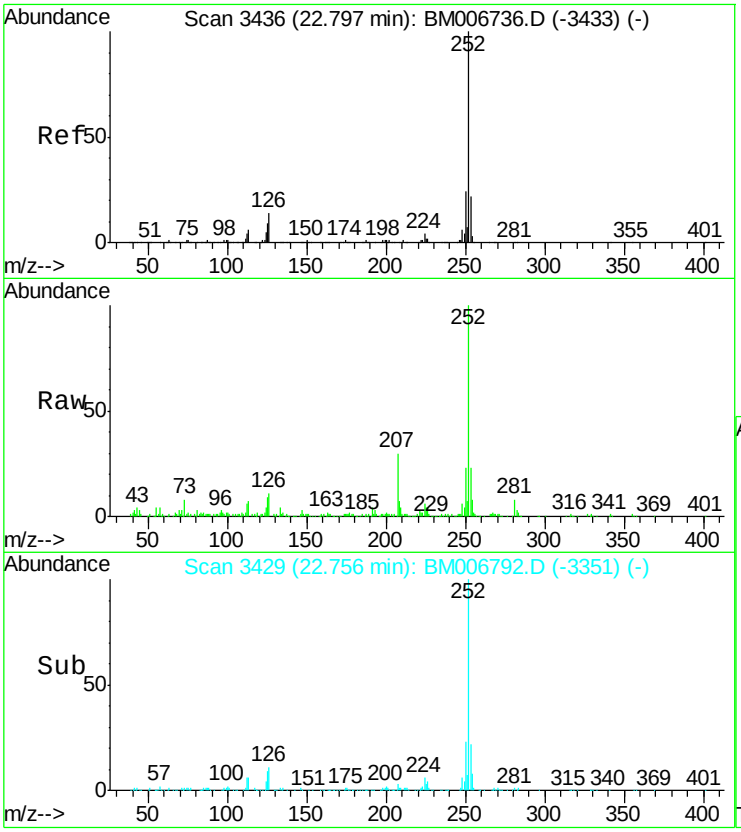


#35
Benzo(b)fluoranthene
Concen: 3.20 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Tgt Ion:252 Resp: 229473

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	9.4	7.6	11.4



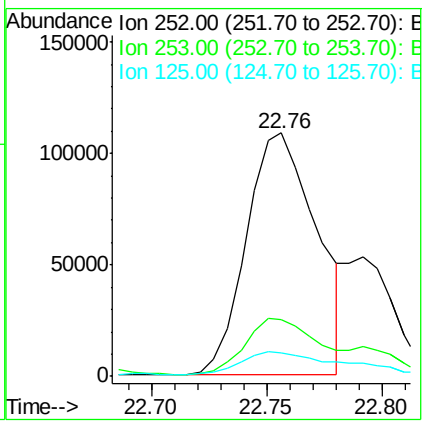


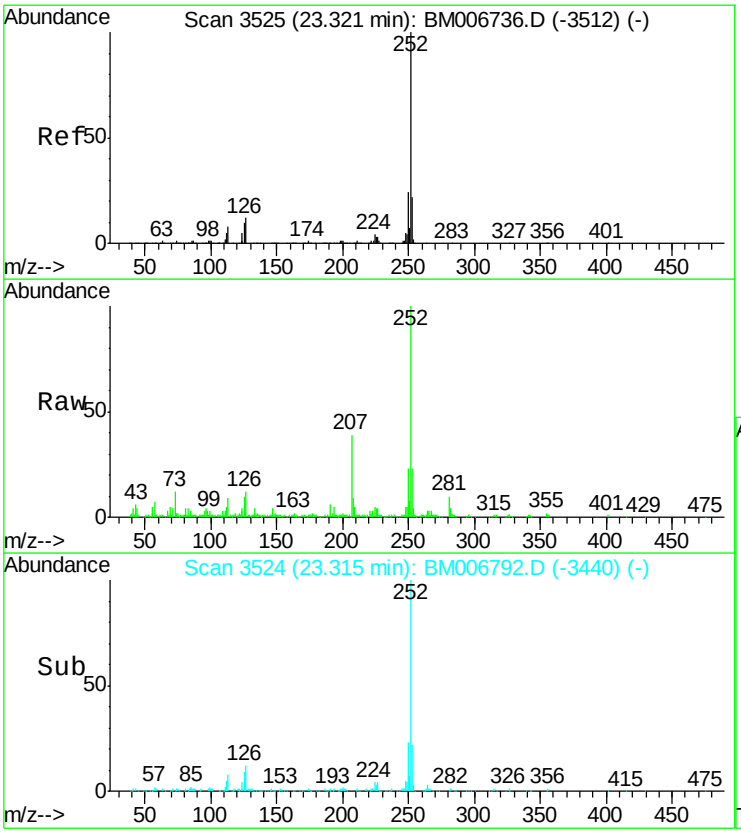
#36
Benzo(k)fluoranthene
Concen: 3.31 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 229473

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.4	7.7	11.5

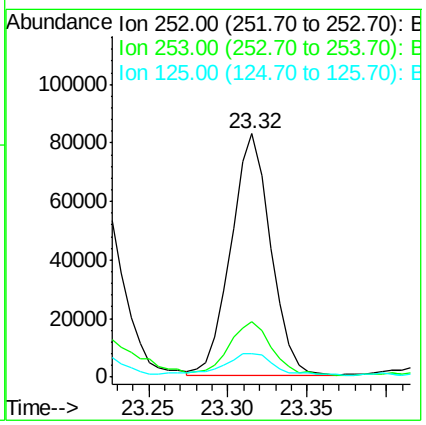


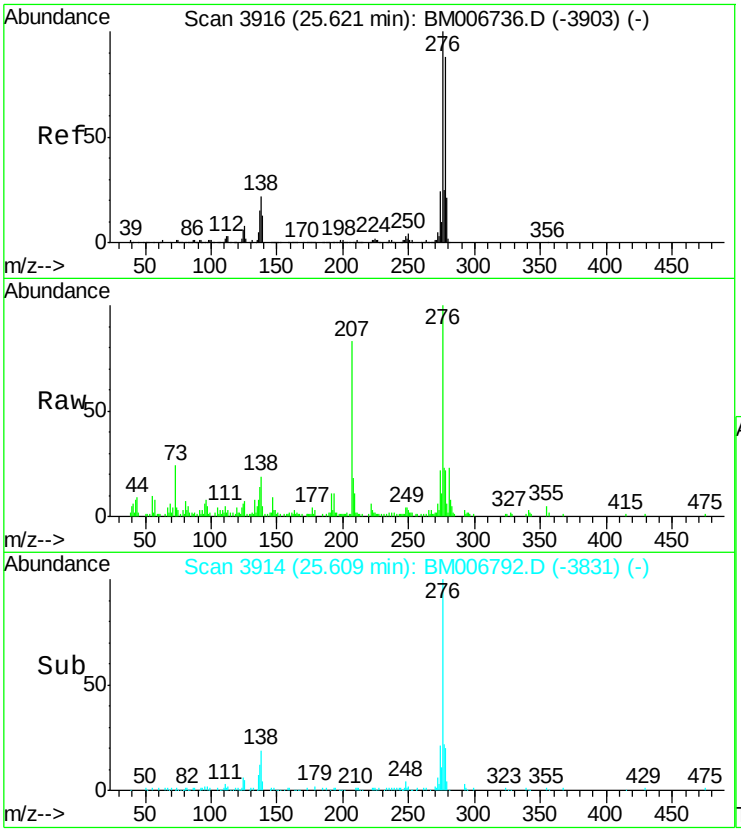


#38
Benzo(a)pyrene
Concen: 2.05 ng/ul
RT: 23.32 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Tgt Ion:252 Resp: 143271

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.7	8.2	12.2



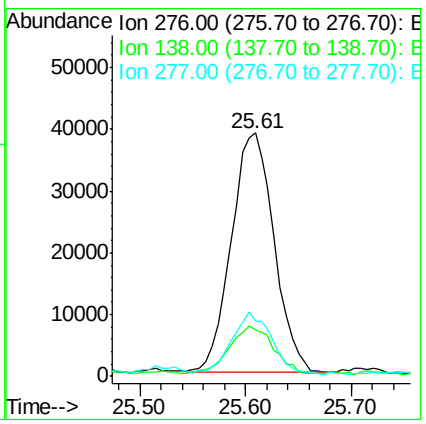


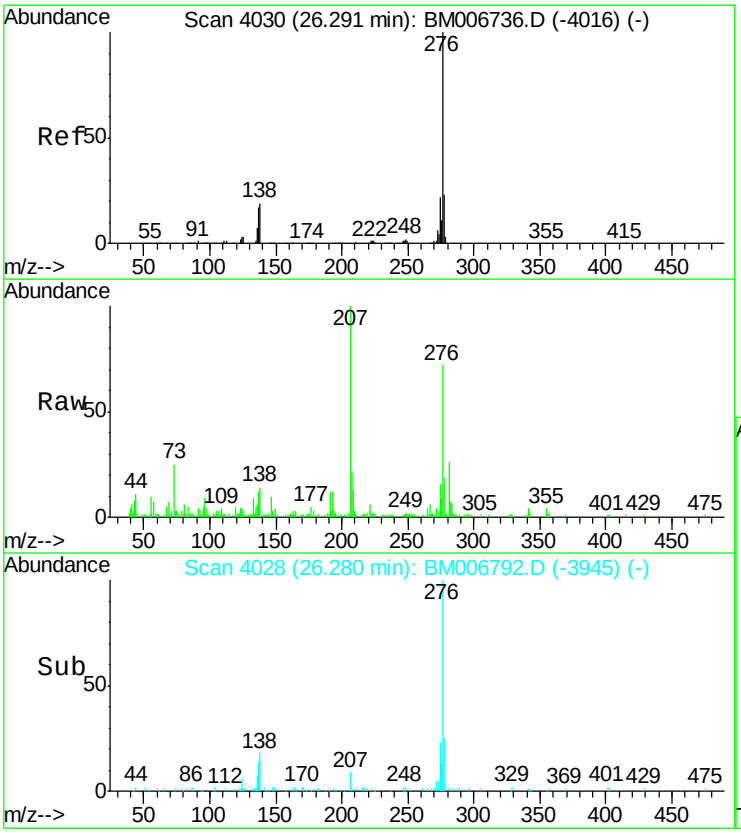
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.34 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 108357

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.8	23.6
277	22.8	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.16 ng/ul
RT: 26.28 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM006792.D
Acq: 31 Jul 2016 16:46

Tgt Ion:276 Resp: 80637

Ion	Ratio	Lower	Upper
276	100		
138	19.1	13.9	20.9
277	26.3	19.8	29.6