Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073016\
Data File : BM006794.D
Acq On : 31 Jul 2016 18:00
Operator : UM/SJ
Sample : H4190-11
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 04:28:33 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	169368	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	752425	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	420601	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	953148	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1078189	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1122943	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	4678	1.12	ng/uL	0.00
3) Phenol-d5	6.79	99	165973	11.52	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	132572	14.85	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	153110	13.30	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	86602	7.75	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	81834	14.37	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	89778	14.82	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	149226	13.04	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	168766	13.39	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	513538	15.57	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	648489	15.41	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	55033	9.61	ng/ul	0.01
21) Fluorene-d10	15.26	176	455945	15.46	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	50768	10.26	ng/ul	0.00
26) Anthracene-d10	17.11	188	692865	15.31	ng/ul	0.00
30) Pyrene-d10	19.41	212	800974	16.30	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	776895	15.04	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	150712	2.81	ng/ul	98
28) Fluoranthene	19.07	202	329175	5.23	ng/ul	99
31) Pyrene	19.44	202	267917	4.10	ng/ul	97
32) Benzo(a)anthracene	21.20	228	148848	2.28	ng/ul	98
33) Chrysene	21.25	228	175711	2.92	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	251319	3.73	ng/ul	98
36) Benzo(k)fluoranthene	22.76	252	251319	3.86	ng/ul	99
38) Benzo(a)pyrene	23.31	252	133678	2.04	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.61	276	107713	1.42	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	74204	1.14	ng/ul#	94

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

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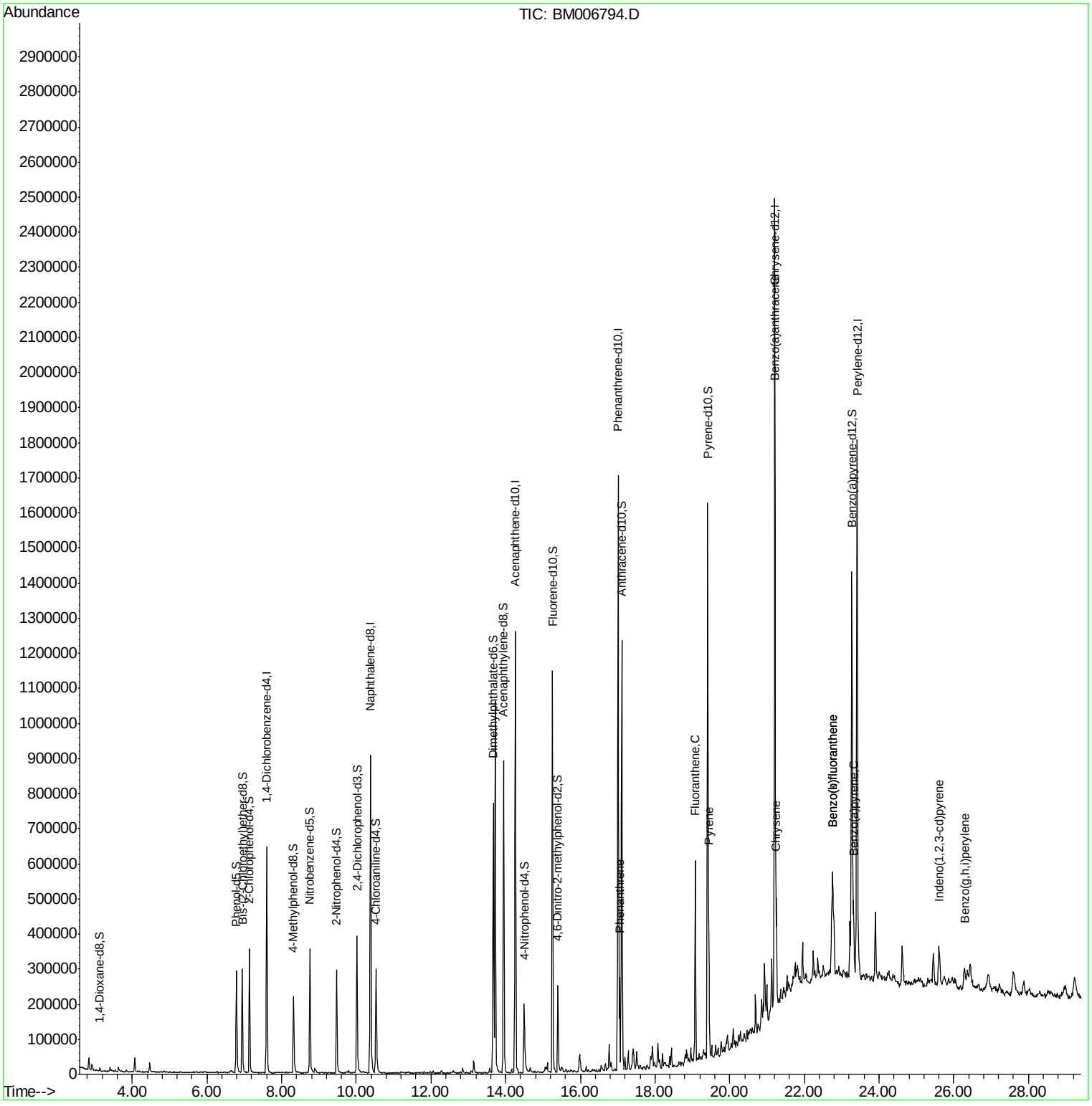
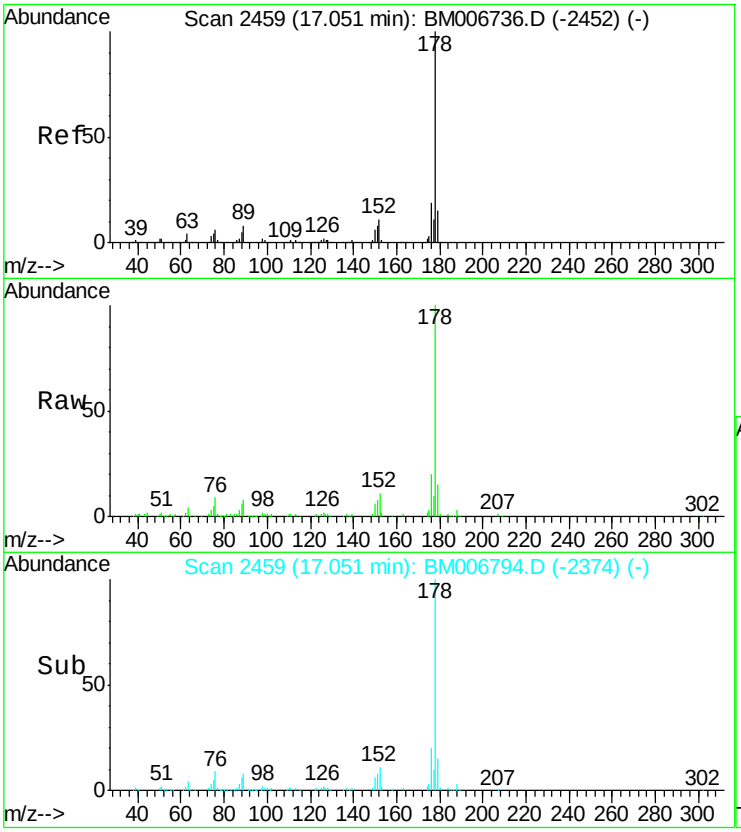


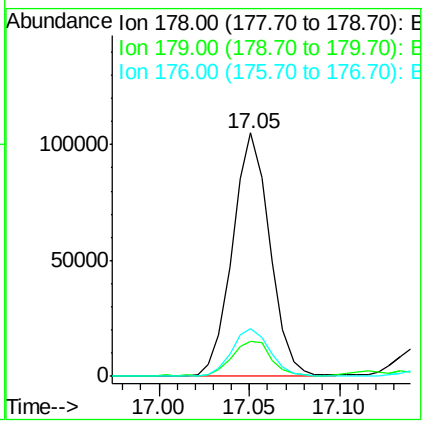


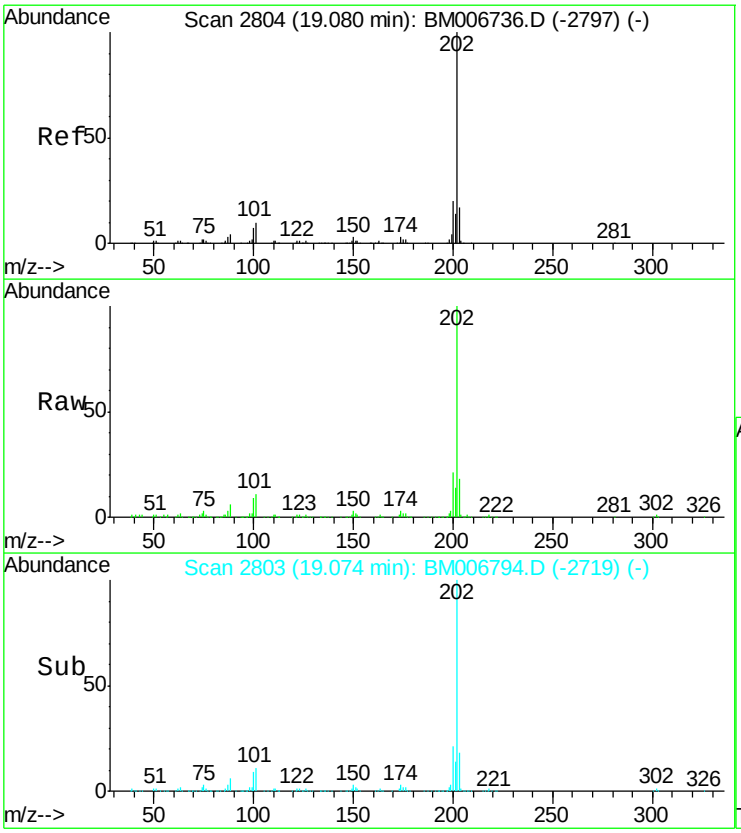
#25
Phenanthrene
Concen: 2.81 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. 0.00 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 150712

Ion	Ratio	Lower	Upper
178	100		
179	14.6	11.8	17.8
176	19.9	14.8	22.2

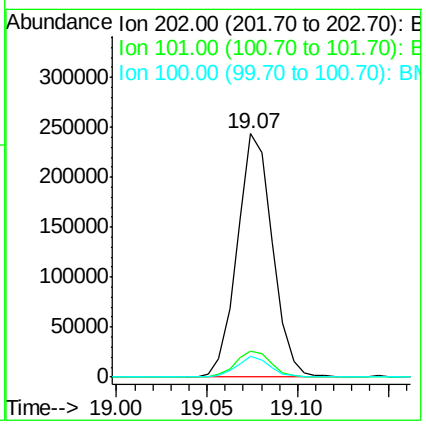


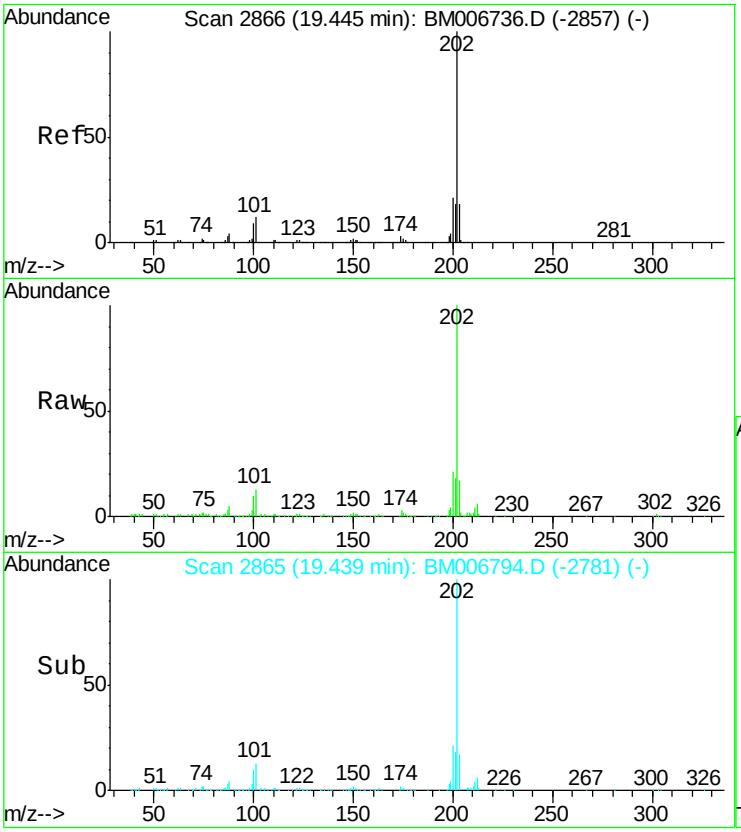


#28
Fluoranthene
Concen: 5.23 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Tgt Ion:202 Resp: 329175

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.9	13.3
100	8.7	7.0	10.4



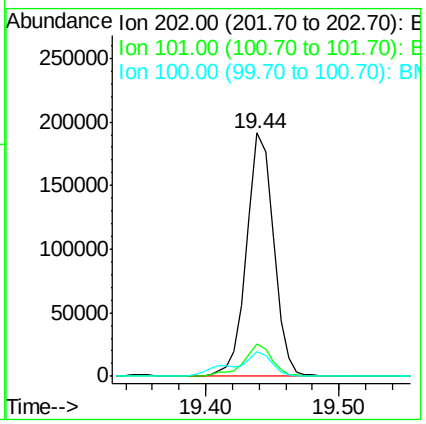


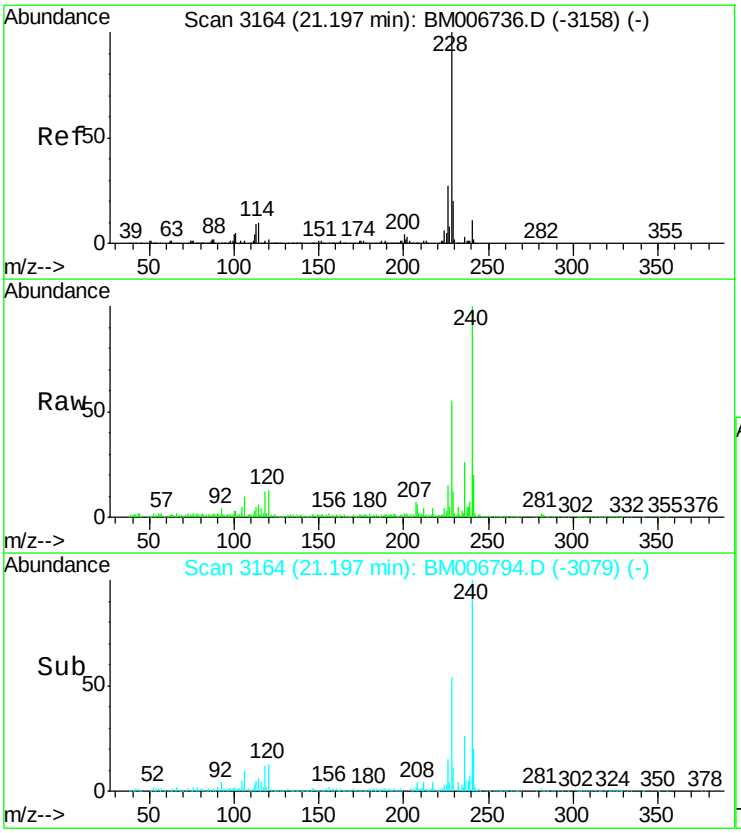
#31
Pyrene
Concen: 4.10 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 267917

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.8	14.8
100	10.3	9.3	13.9

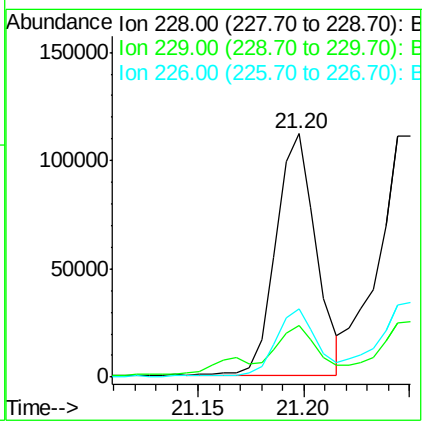


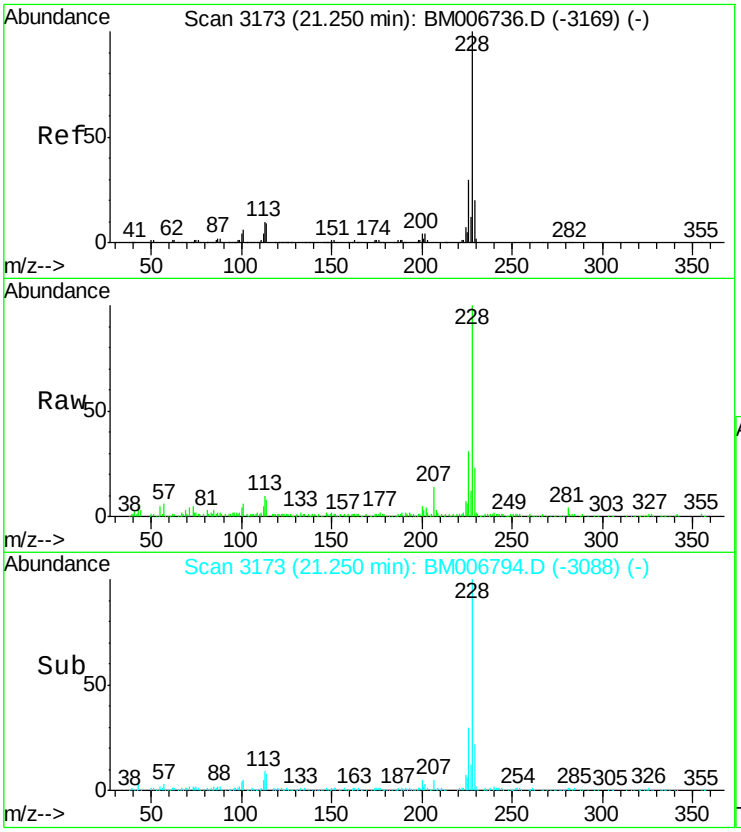


#32
Benzo(a)anthracene
Concen: 2.28 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Tgt Ion:228 Resp: 148848

Ion	Ratio	Lower	Upper
228	100		
229	21.1	16.6	25.0
226	28.0	21.0	31.4



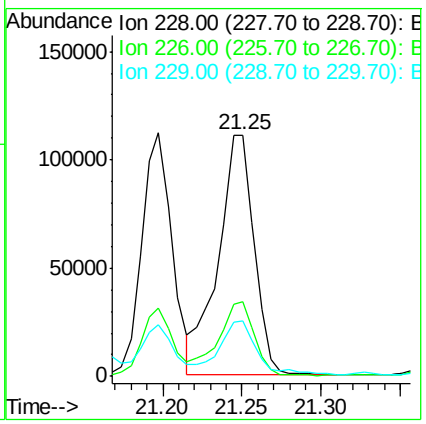


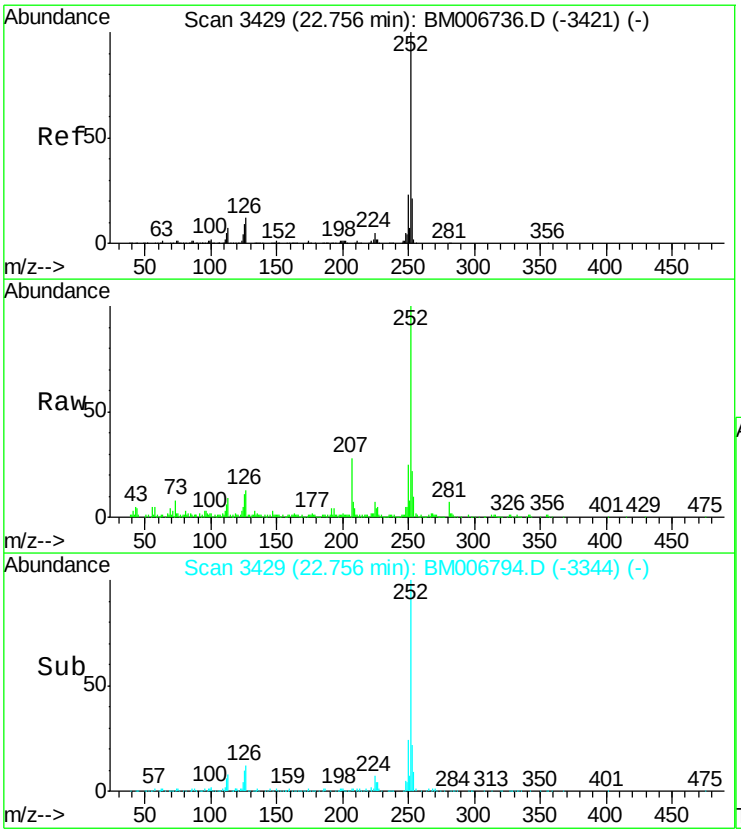
#33
Chrysene
Concen: 2.92 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 175711

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.8	16.2	24.2

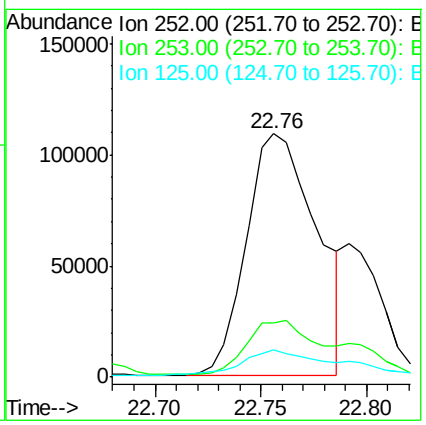


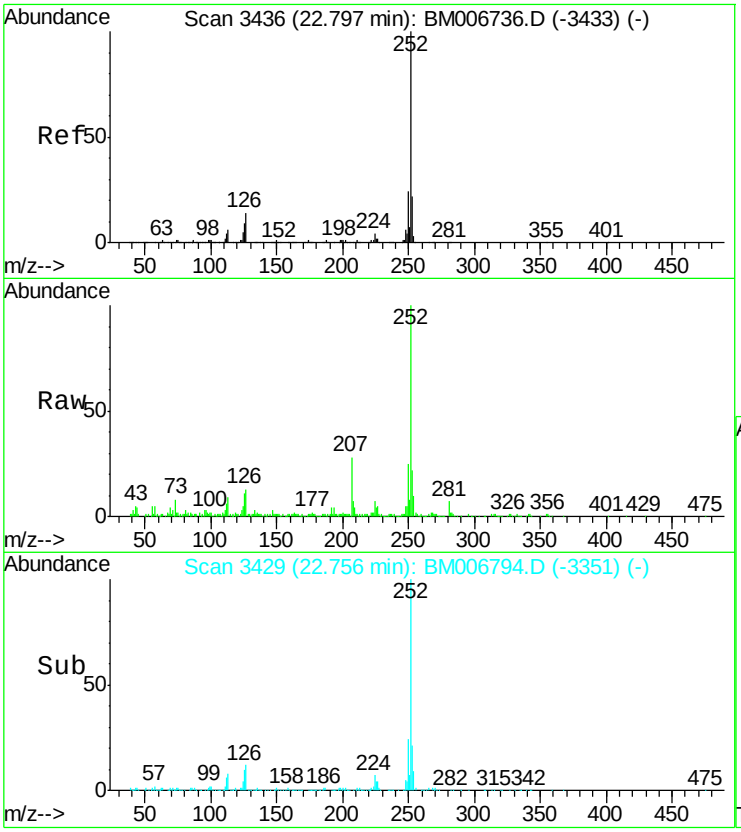


#35
Benzo(b)fluoranthene
Concen: 3.73 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Tgt Ion:252 Resp: 251319

Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	10.9	7.6	11.4



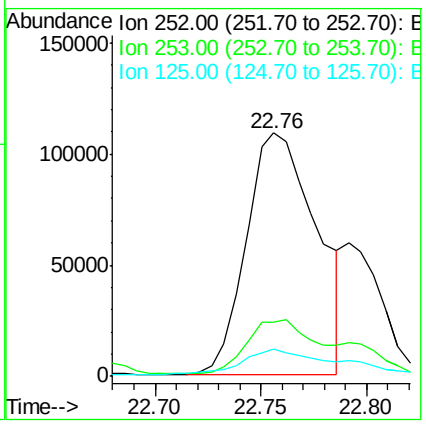


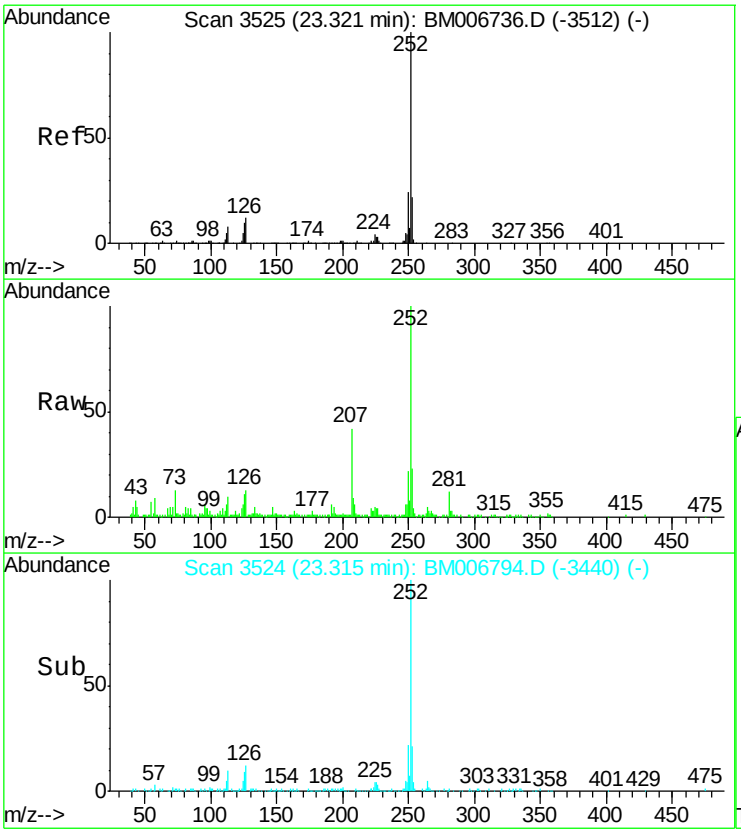
#36
Benzo(k)fluoranthene
Concen: 3.86 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 251319

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.9	7.7	11.5

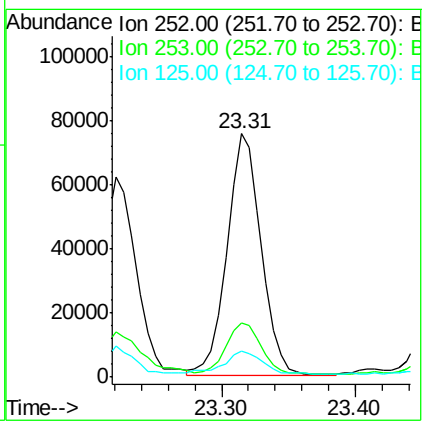


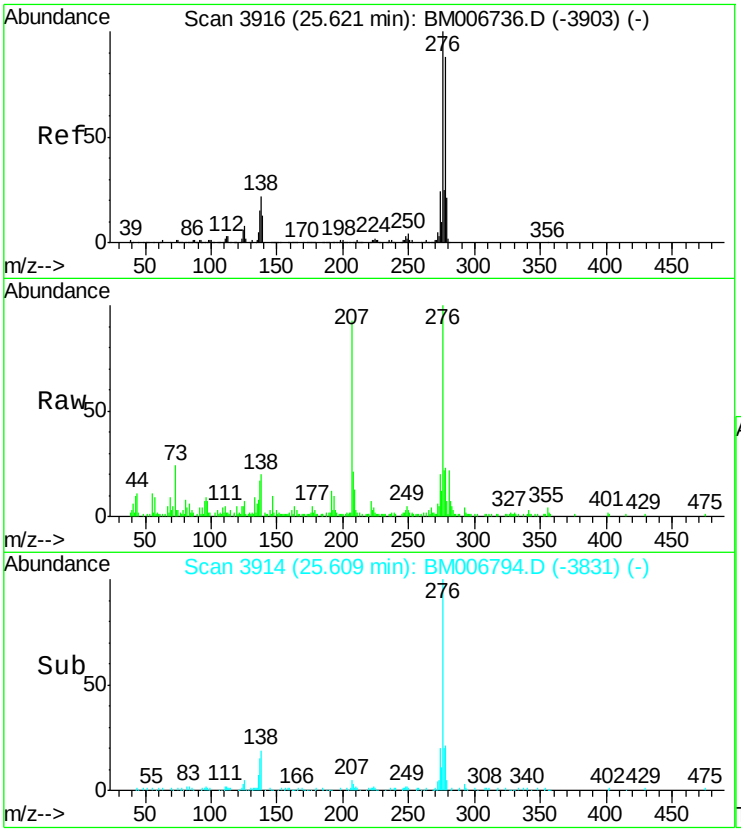


#38
Benzo(a)pyrene
Concen: 2.04 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Tgt Ion:252 Resp: 133678

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	10.9	8.2	12.2



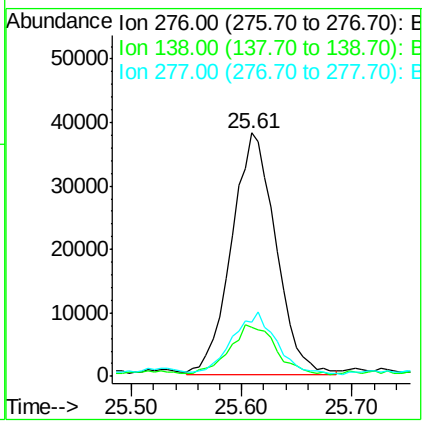


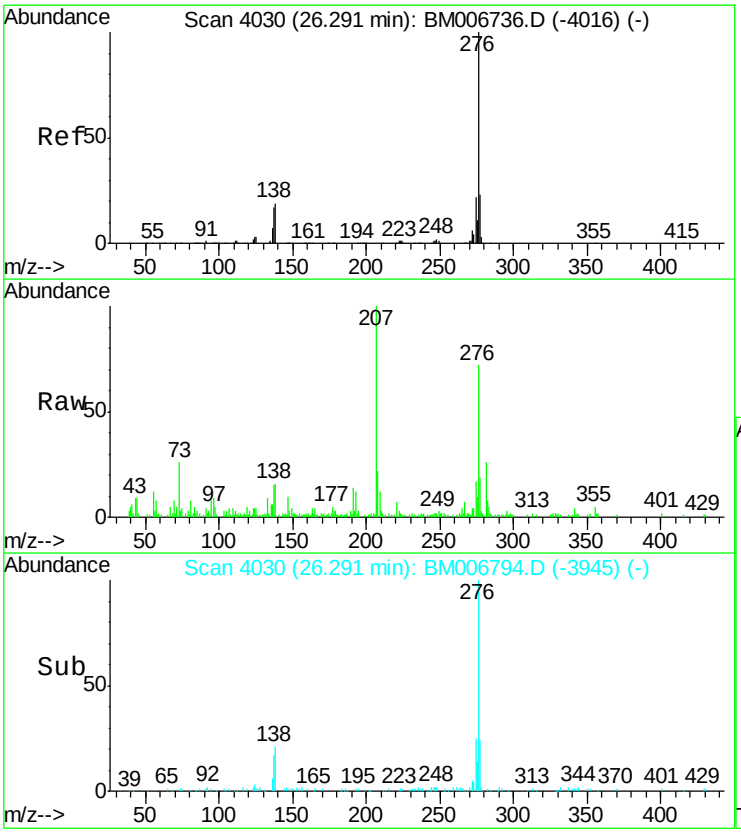
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.42 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 107713

Ion	Ratio	Lower	Upper
276	100		
138	20.4	15.8	23.6
277	22.5	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.14 ng/ul
RT: 26.29 min Scan# 4030
Delta R.T. 0.00 min
Lab File: BM006794.D
Acq: 31 Jul 2016 18:00

Tgt Ion:276 Resp: 74204

Ion	Ratio	Lower	Upper
276	100		
138	21.9	13.9	20.9#
277	25.9	19.8	29.6