Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006795.D
Acq On : 31 Jul 2016 18:36
Operator : UM/SJ
Sample : H4189-03
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:43:58 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	188565	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	835208	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	462510	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1034630	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	1157819	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1188429	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	10491	2.25	ng/uL	0.00
3) Phenol-d5	6.79	99	387783	24.17	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	295244	29.71	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	345243	26.93	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	231041	18.57	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	183044	28.95	ng/ul	0.00
9) 2-Nitrophenol-d4	9.47	143	205689	30.59	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.01	165	343791	27.06	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	403266	28.82	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	1084436	29.90	ng/ul	0.00
17) Acenaphthylene-d8	13.94	160	1398055	30.20	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	118934	18.88	ng/ul	0.00
21) Fluorene-d10	15.26	176	965187	29.76	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	111089	20.69	ng/ul	0.00
26) Anthracene-d10	17.11	188	1453721	29.59	ng/ul	0.00
30) Pyrene-d10	19.42	212	1665829	31.58	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1711922	31.32	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.05	178	175238	3.01	ng/ul	99
28) Fluoranthene	19.07	202	355731	5.20	ng/ul	99
31) Pyrene	19.44	202	306491	4.37	ng/ul	98
32) Benzo(a)anthracene	21.20	228	193560	2.76	ng/ul	99
33) Chrysene	21.24	228	204797	3.17	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	296620	4.16	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	296620	4.31	ng/ul	98
38) Benzo(a)pyrene	23.31	252	189663	2.74	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.61	276	139615	1.74	ng/ul	96
41) Benzo(g,h,i)perylene	26.29	276	136861	1.99	ng/ul	97

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

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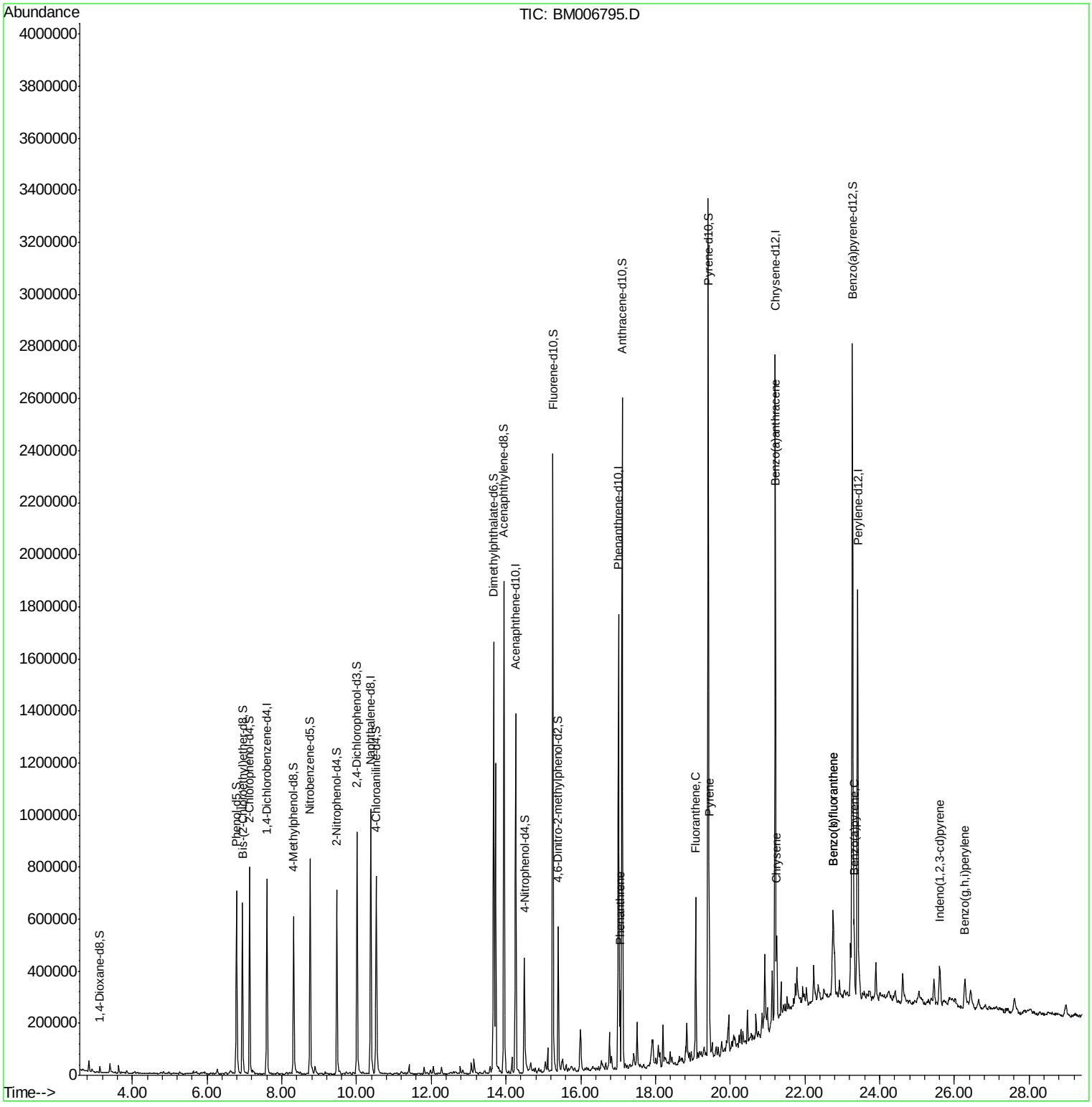
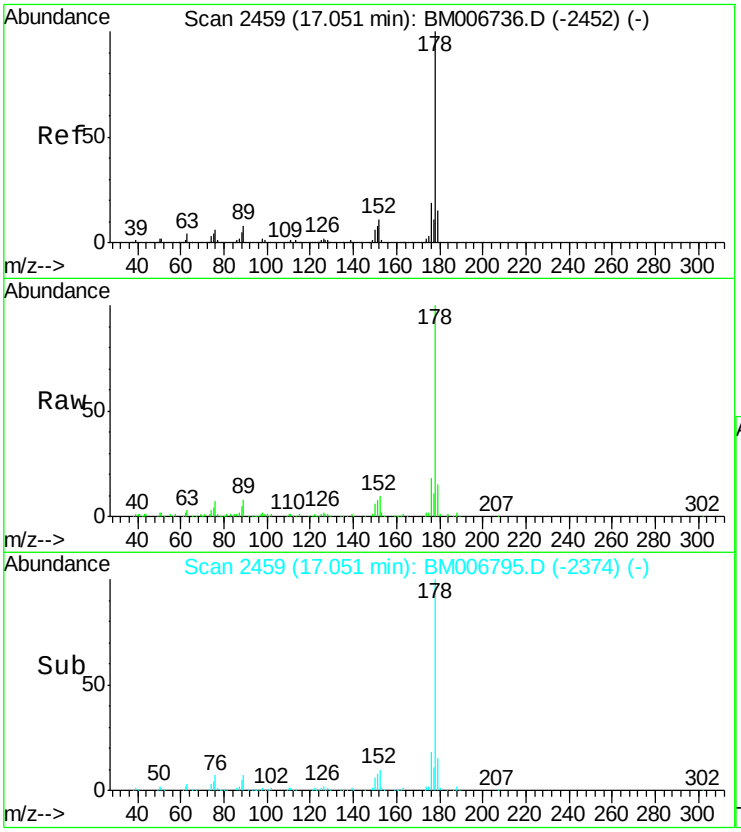


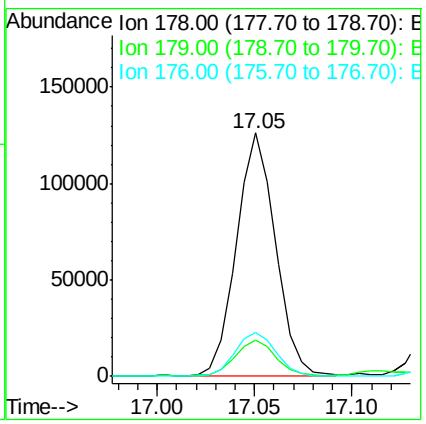


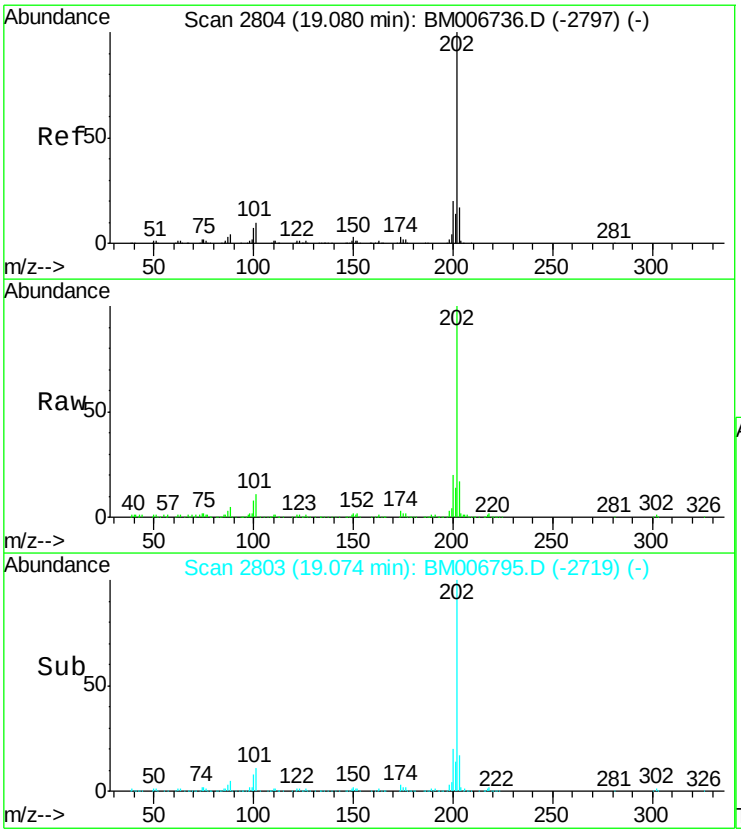
#25
Phenanthrene
Concen: 3.01 ng/ul
RT: 17.05 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 175238

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	18.0	14.8	22.2

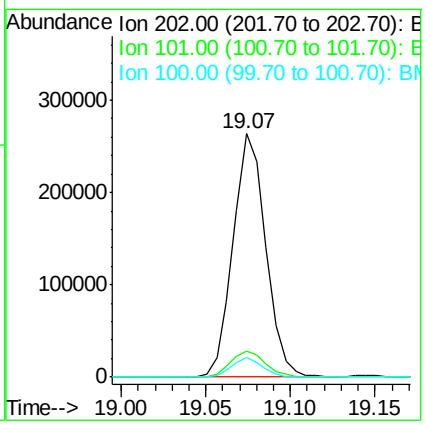


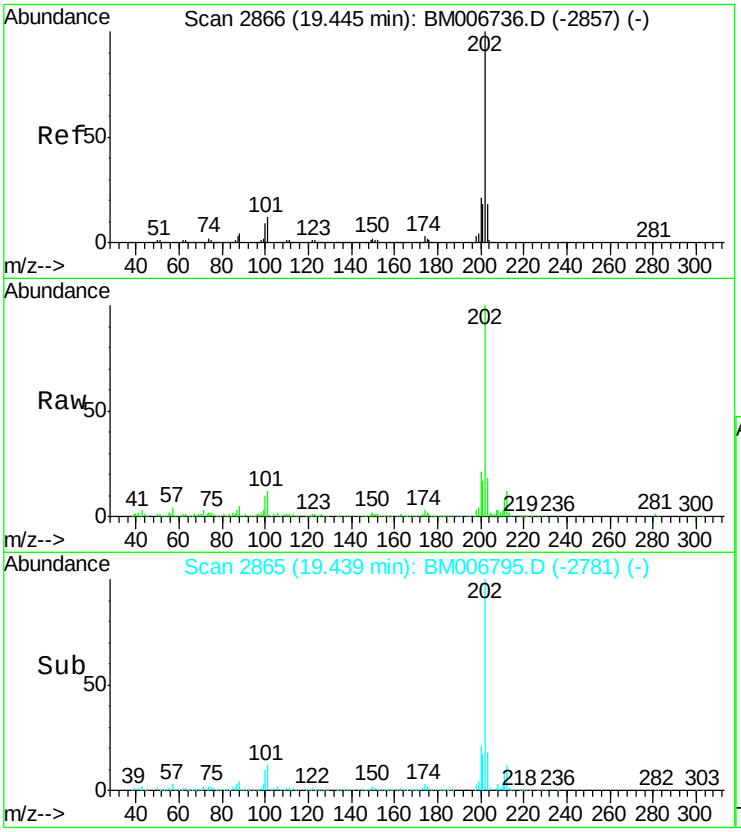


#28
Fluoranthene
Concen: 5.20 ng/ul
RT: 19.07 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Tgt Ion:202 Resp: 355731

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	8.0	7.0	10.4



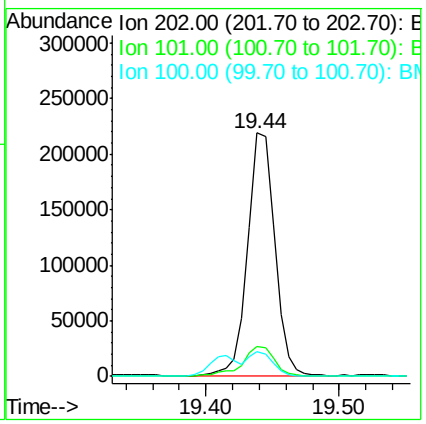


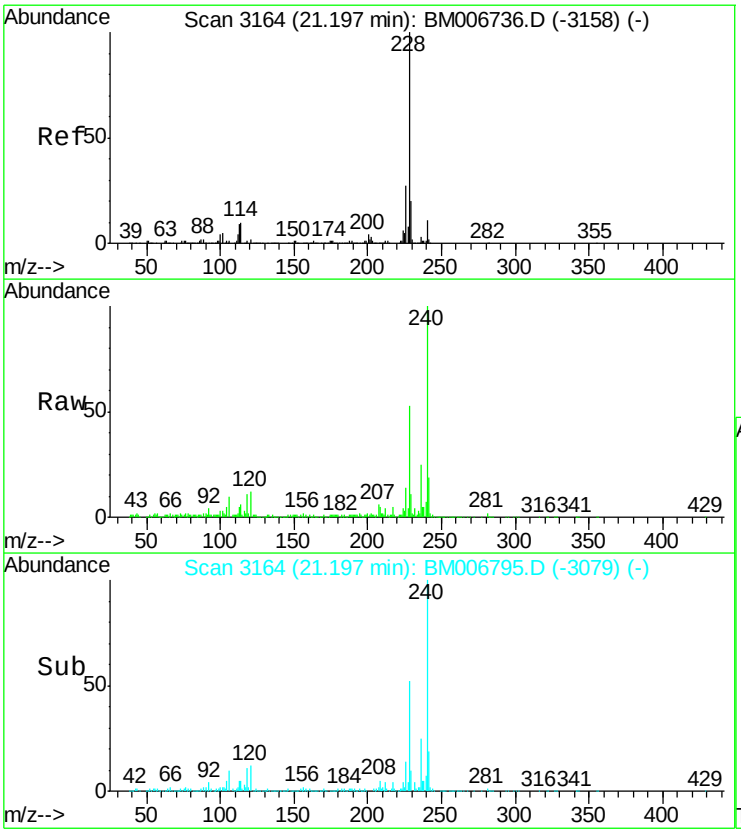
#31
Pyrene
Concen: 4.37 ng/ul
RT: 19.44 min Scan# 2865
Delta R.T. -0.01 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 306491

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	10.1	9.3	13.9

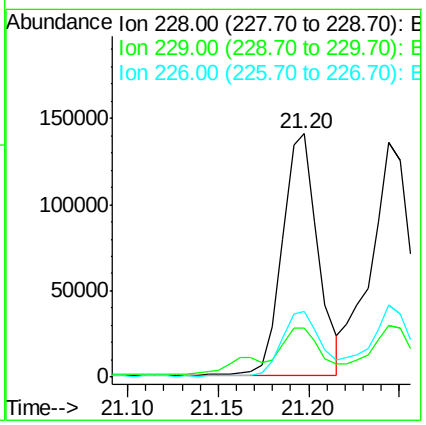


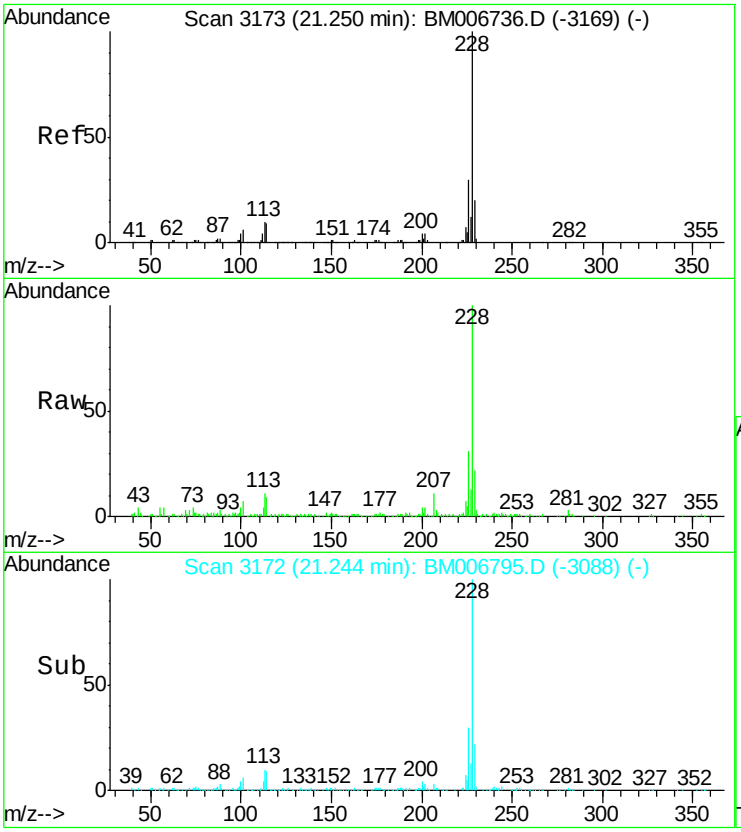


#32
Benzo(a)anthracene
Concen: 2.76 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Tgt Ion:228 Resp: 193560

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.6	25.0
226	27.1	21.0	31.4



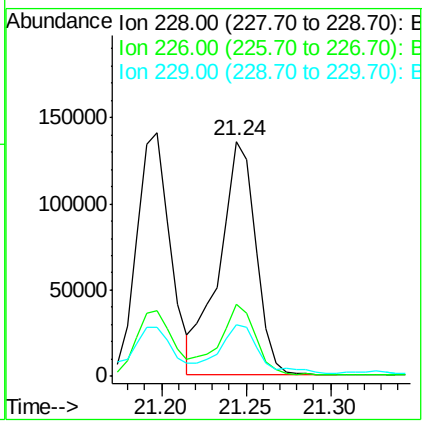


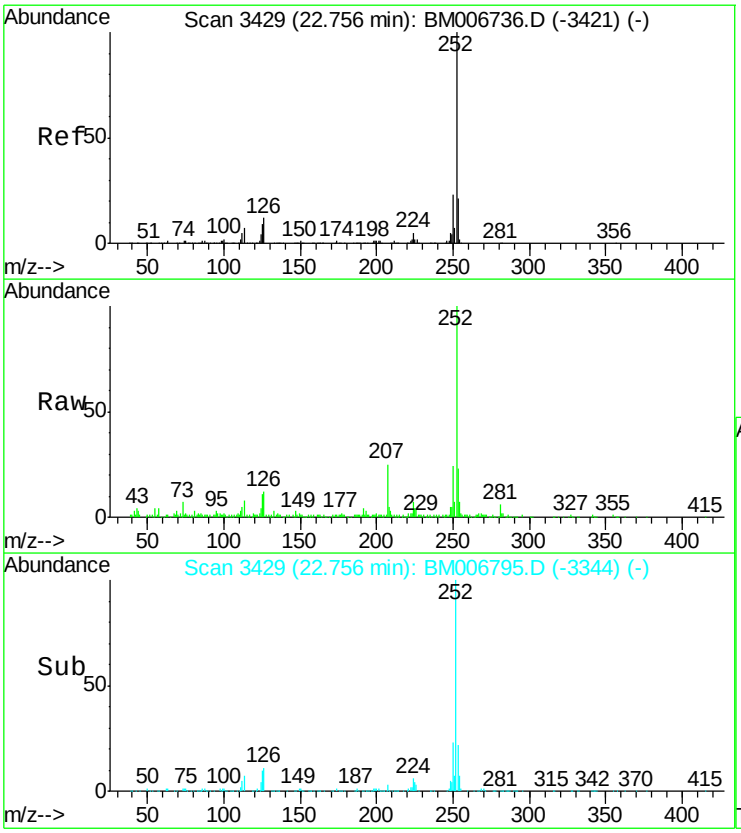
#33
Chrysene
Concen: 3.17 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 204797

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.1	16.2	24.2

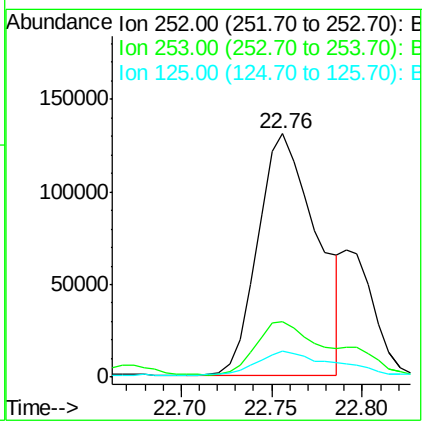


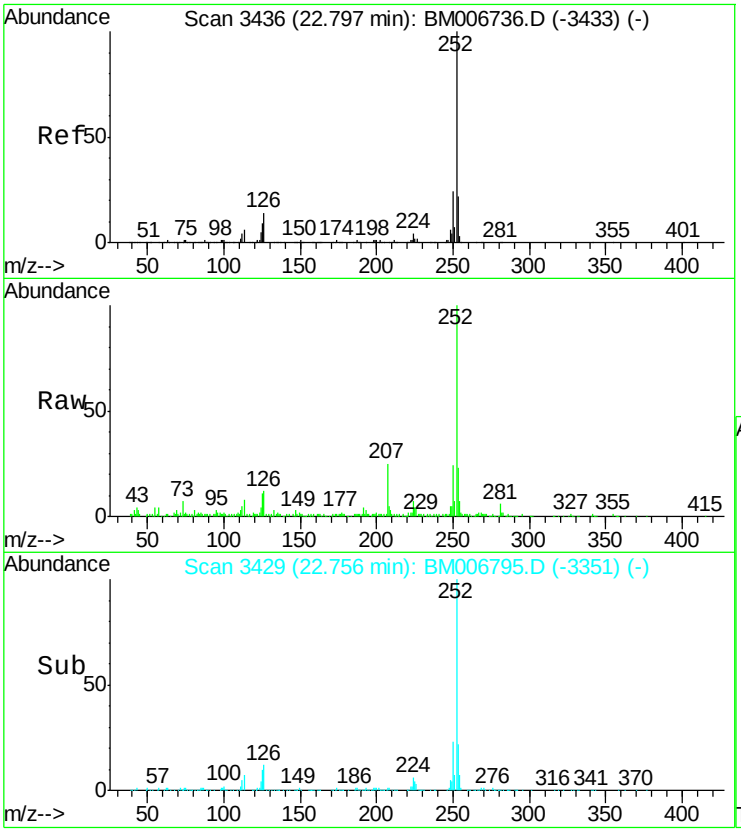


#35
Benzo(b)fluoranthene
Concen: 4.16 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Tgt Ion:252 Resp: 296620

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.8	7.6	11.4



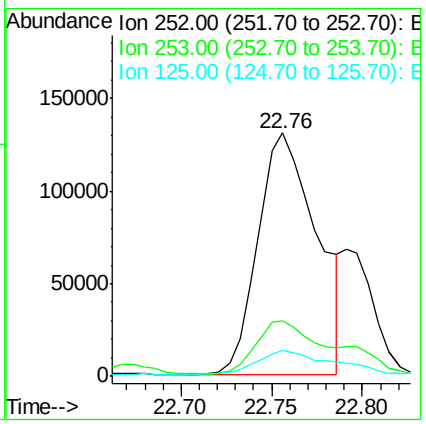


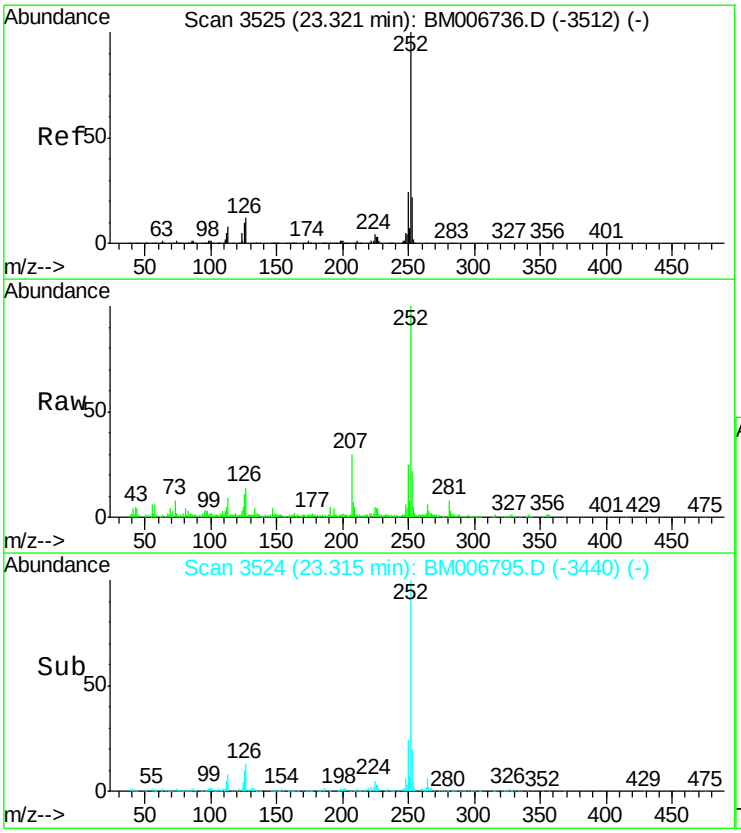
#36
Benzo(k)fluoranthene
Concen: 4.31 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 296620

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	10.8	7.7	11.5

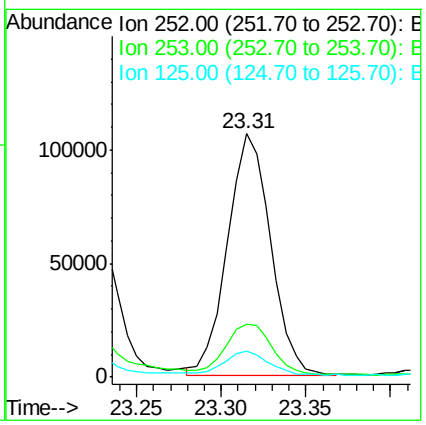


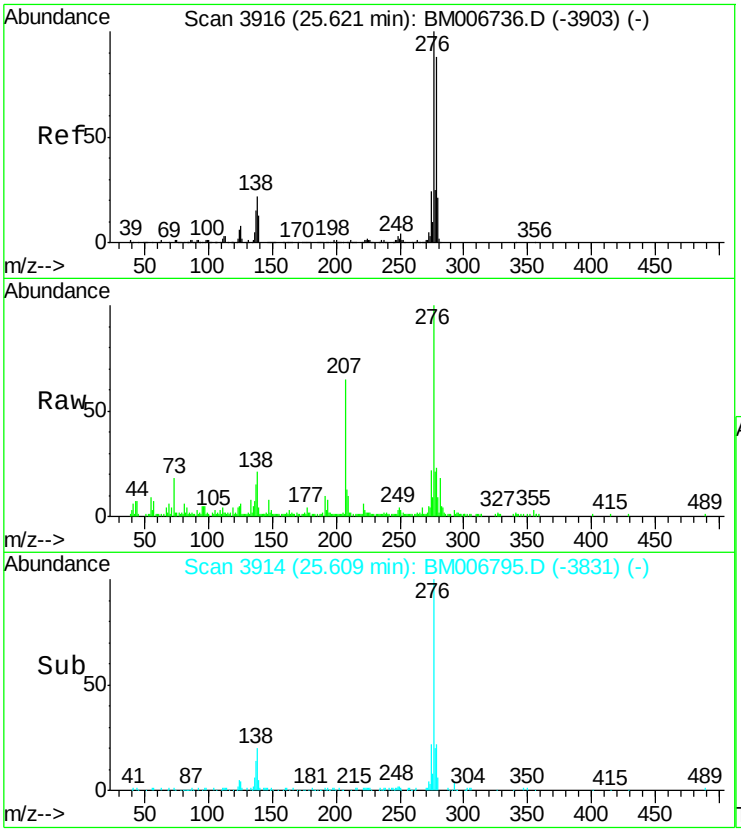


#38
Benzo(a)pyrene
Concen: 2.74 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. -0.01 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Tgt Ion:252 Resp: 189663

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.5	8.2	12.2



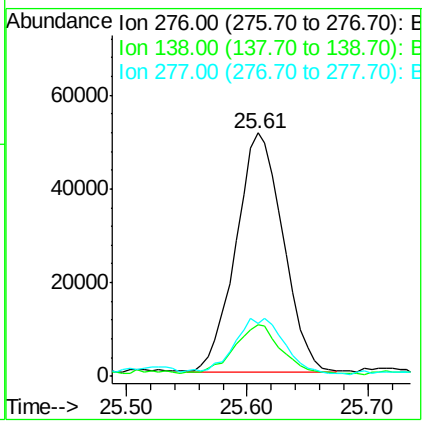


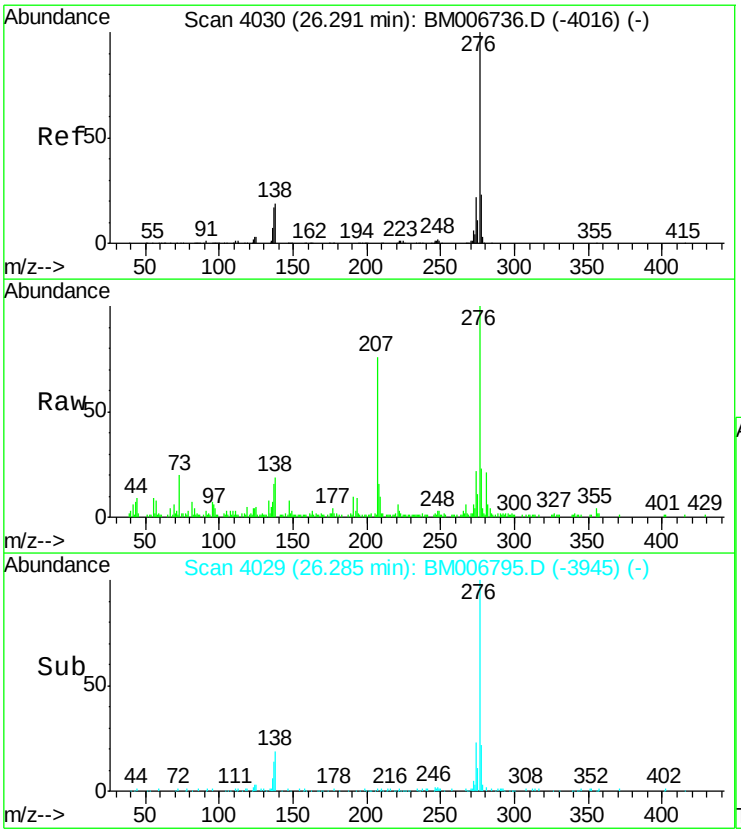
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.74 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 139615

Ion	Ratio	Lower	Upper
276	100		
138	21.3	15.8	23.6
277	21.5	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 1.99 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. -0.01 min
Lab File: BM006795.D
Acq: 31 Jul 2016 18:36

Tgt Ion:276 Resp: 136861

Ion	Ratio	Lower	Upper
276	100		
138	19.3	13.9	20.9
277	23.4	19.8	29.6