Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006809.D
Acq On : 01 Aug 2016 03:46
Operator : UM/SJ
Sample : H4190-09
Misc :
ALS Vial : 77 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:46:41 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	219704	20.00	ng/ul	0.00
7) Naphthalene-d8	10.38	136	931297	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	503492	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1116604	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1204423	20.00	ng/ul	0.00
34) Perylene-d12	23.42	264	1275572	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	6045	1.11	ng/uL	0.00
3) Phenol-d5	6.79	99	228379	12.22	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	151767	13.11	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	190420	12.75	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	158304	10.92	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	94359	13.39	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	100281	13.38	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	173397	12.24	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	175867	11.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	523143	13.25	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	681576	13.53	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	65796	9.60	ng/ul	0.02
21) Fluorene-d10	15.26	176	472467	13.38	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	41052	7.08	ng/ul	0.01
26) Anthracene-d10	17.11	188	728501	13.74	ng/ul	0.00
30) Pyrene-d10	19.42	212	821218	14.96	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.28	264	818253	13.95	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	220928	3.52	ng/ul	99
28) Fluoranthene	19.08	202	520369	7.05	ng/ul	99
31) Pyrene	19.44	202	441164	6.05	ng/ul	98
32) Benzo(a)anthracene	21.20	228	287078	3.93	ng/ul	99
33) Chrysene	21.25	228	280602	4.17	ng/ul	97
35) Benzo(b)fluoranthene	22.76	252	443123	5.80	ng/ul	97
36) Benzo(k)fluoranthene	22.76	252	443123	5.99	ng/ul	96
38) Benzo(a)pyrene	23.33	252	288451	3.88	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.62	276	228179	2.65	ng/ul	99
41) Benzo(g,h,i)perylene	26.30	276	205522	2.78	ng/ul#	95

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

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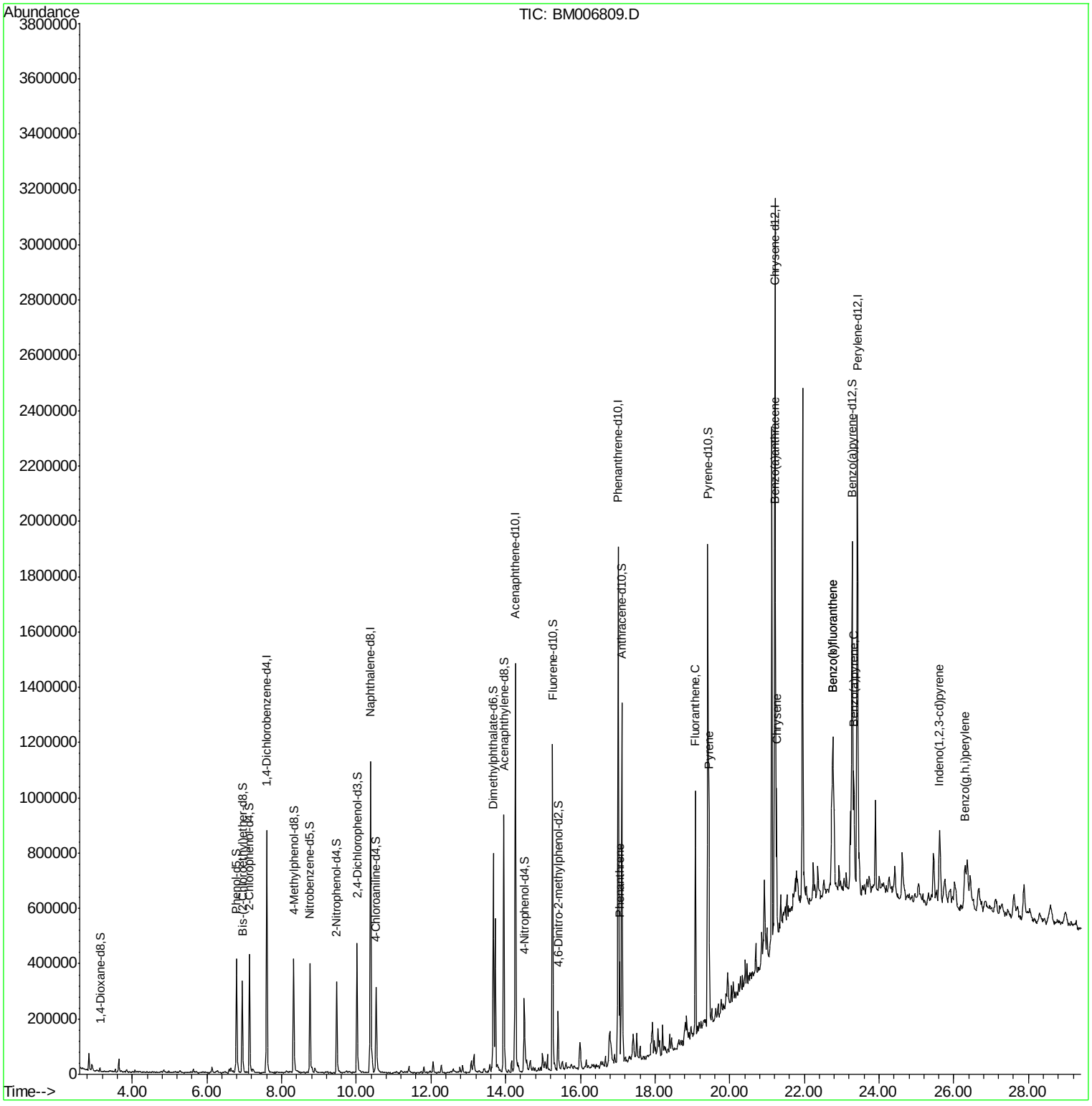
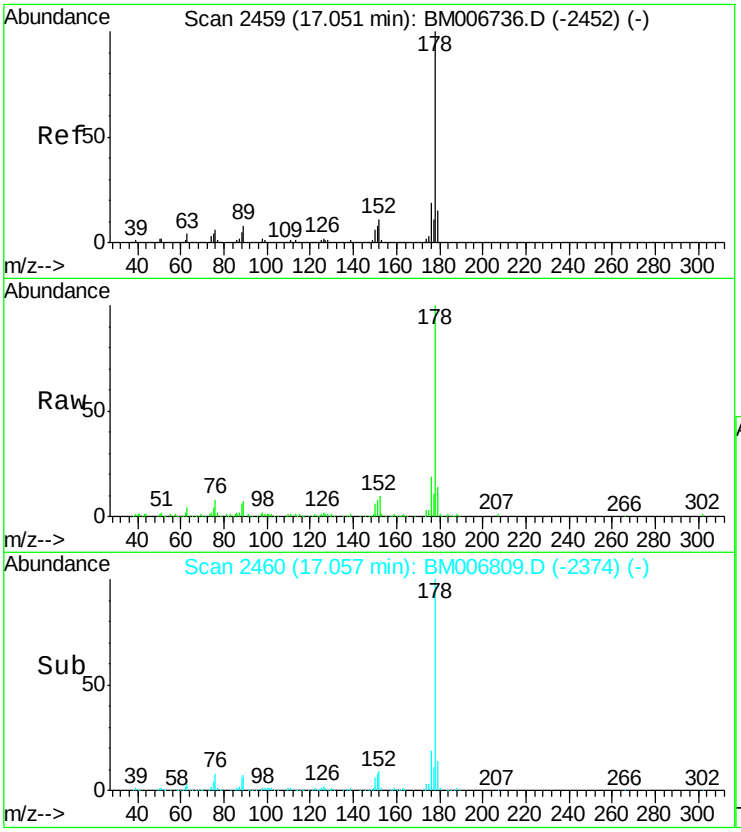


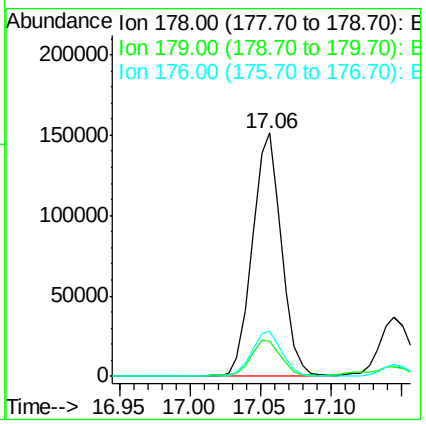


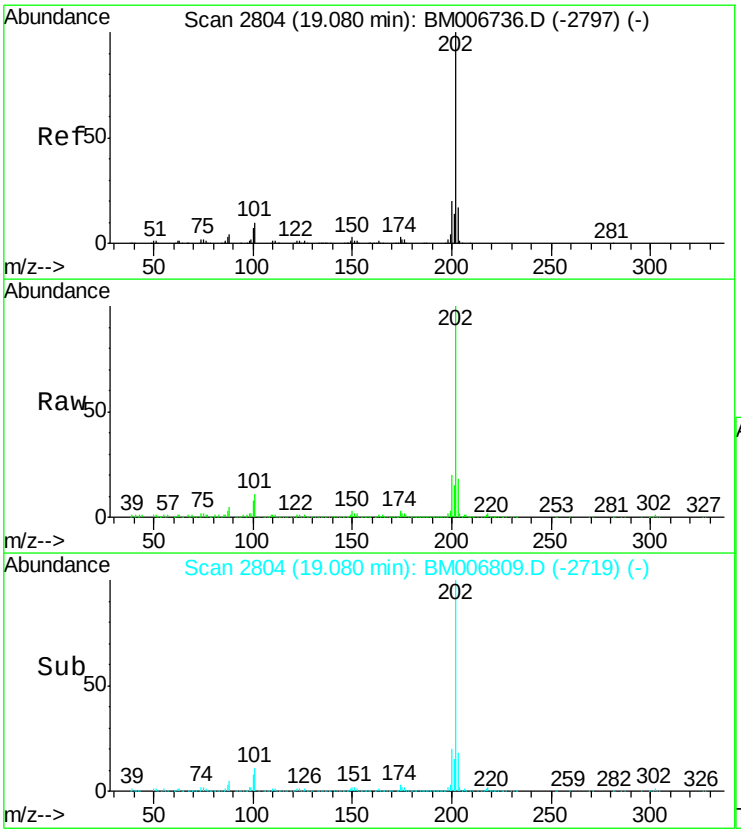
#25
Phenanthrene
Concen: 3.52 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 220928

Ion	Ratio	Lower	Upper
178	100		
179	14.5	11.8	17.8
176	18.7	14.8	22.2

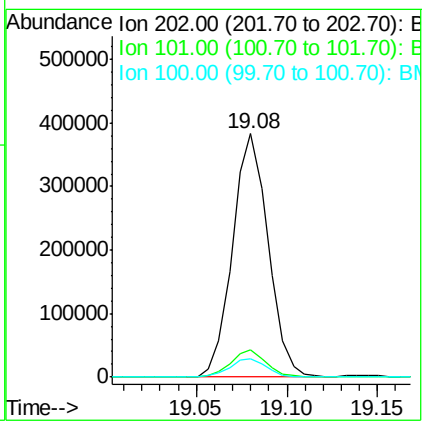


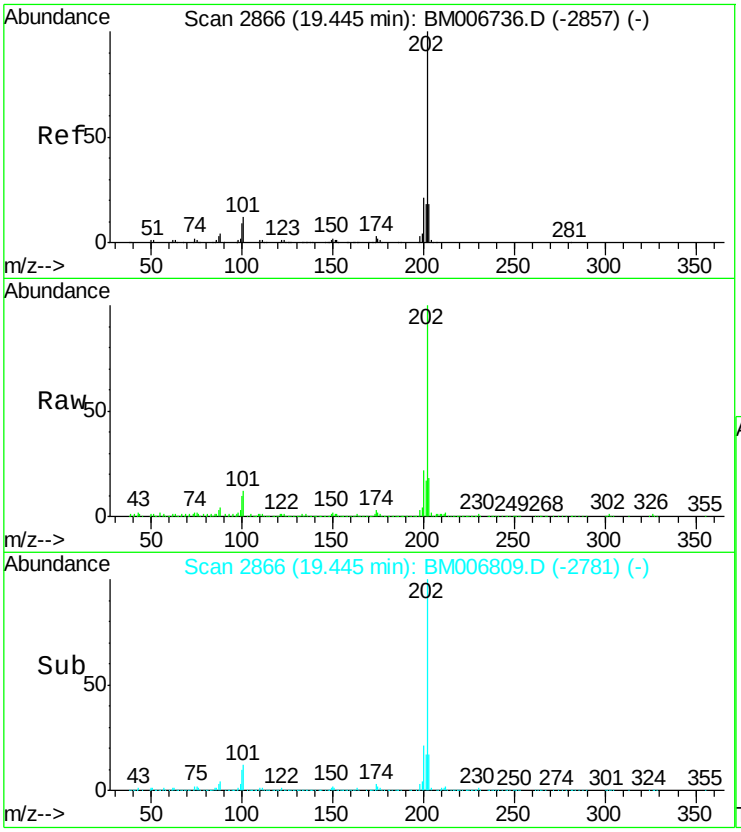


#28
Fluoranthene
Concen: 7.05 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Tgt Ion:202 Resp: 520369

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.9	13.3
100	7.5	7.0	10.4



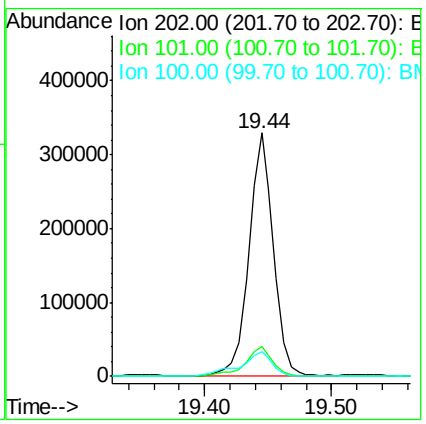


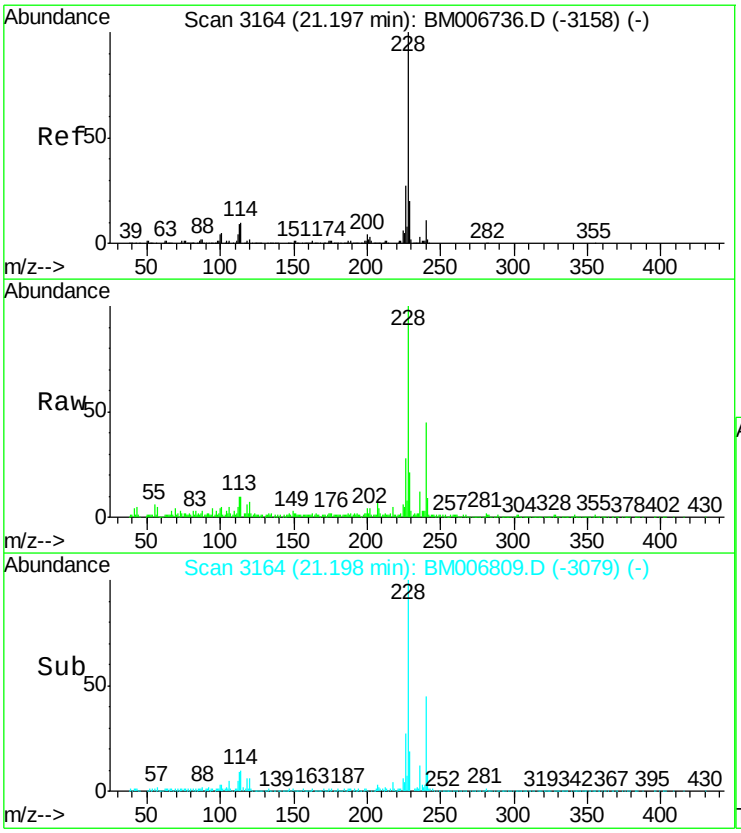
#31
Pyrene
Concen: 6.05 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 441164

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
100	10.0	9.3	13.9

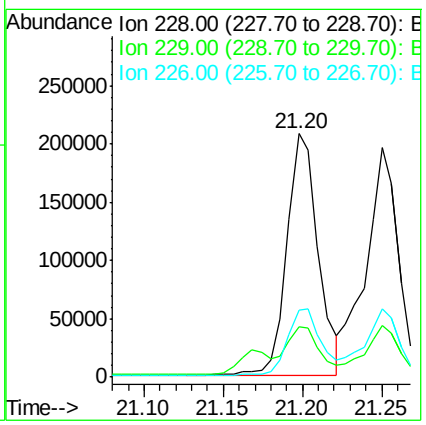


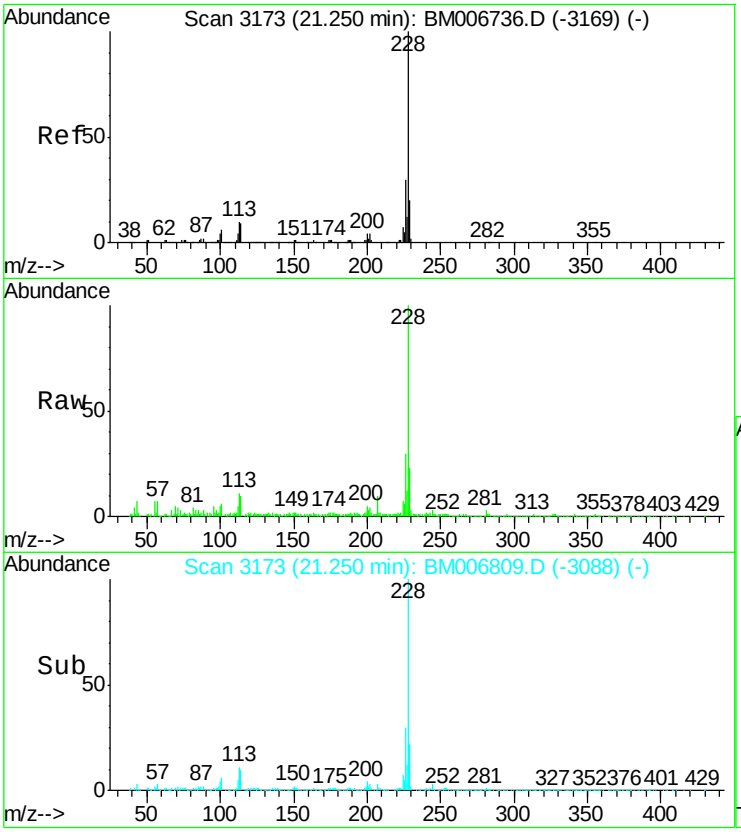


#32
Benzo(a)anthracene
Concen: 3.93 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Tgt Ion:228 Resp: 287078

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.6	25.0
226	27.5	21.0	31.4



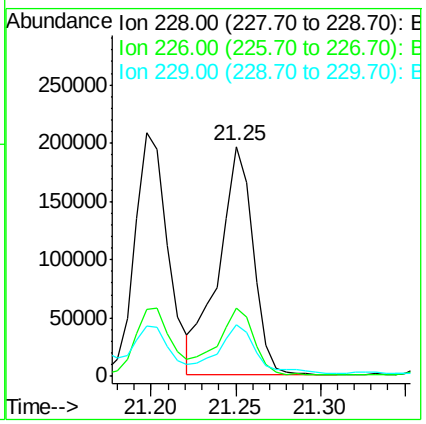


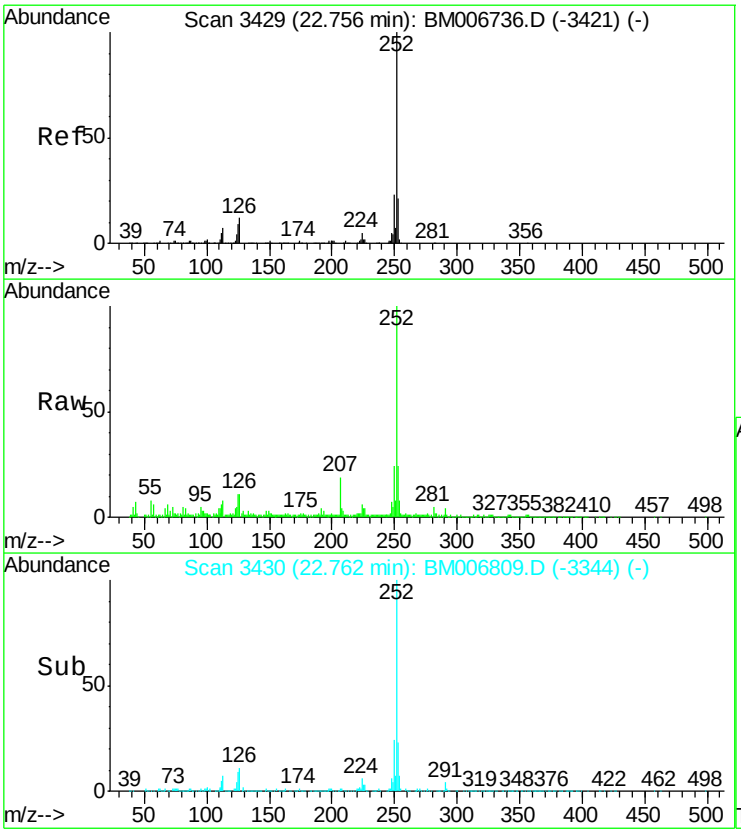
#33
Chrysene
Concen: 4.17 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 280602

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.6	16.2	24.2

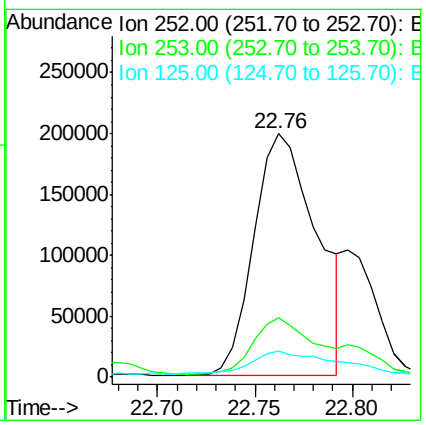


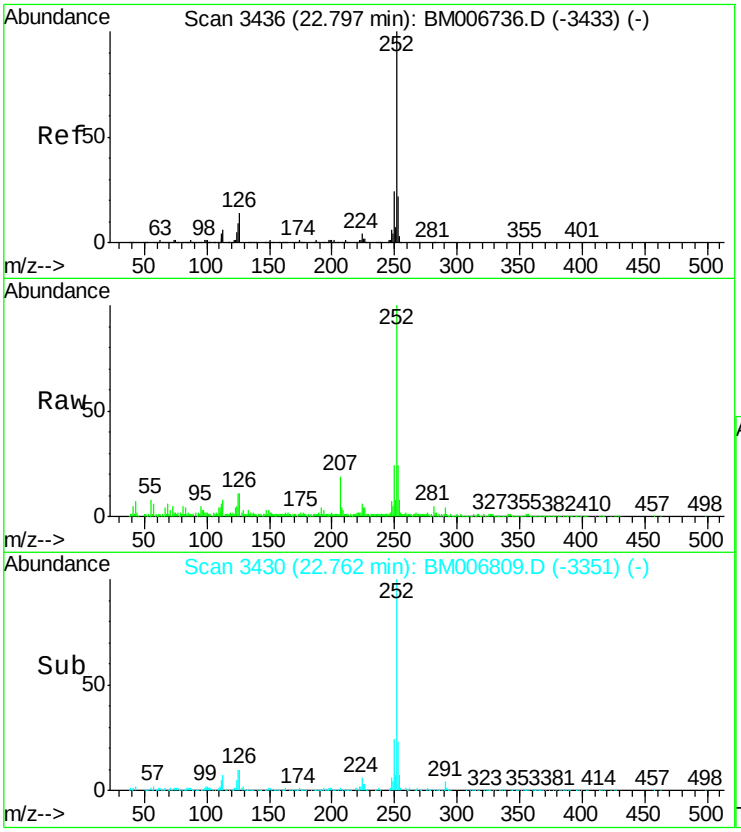


#35
Benzo(b)fluoranthene
Concen: 5.80 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Tgt Ion:252 Resp: 443123

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	10.7	7.6	11.4



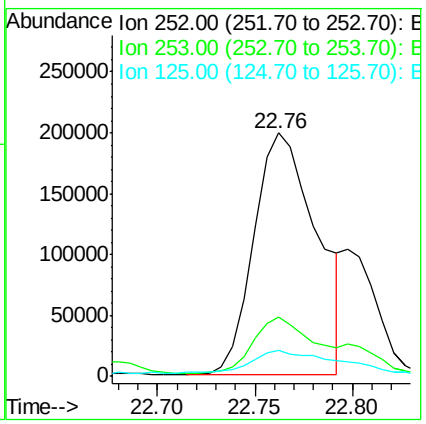


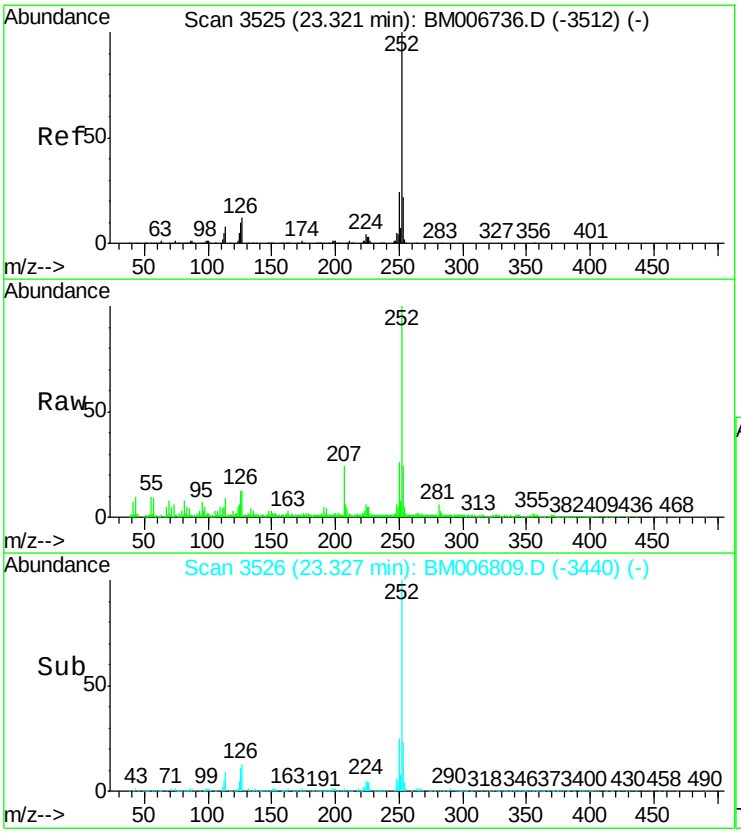
#36
Benzo(k)fluoranthene
Concen: 5.99 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 443123

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	10.7	7.7	11.5

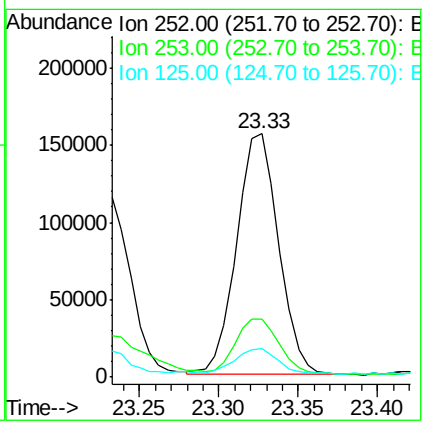


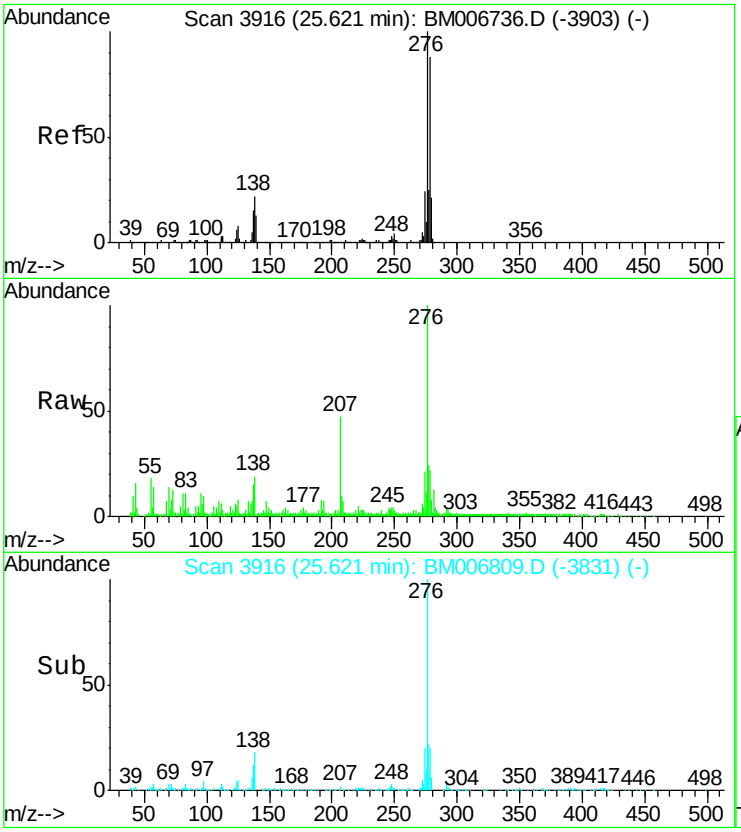


#38
Benzo(a)pyrene
Concen: 3.88 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Tgt Ion:252 Resp: 288451

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.4	26.0
125	11.6	8.2	12.2



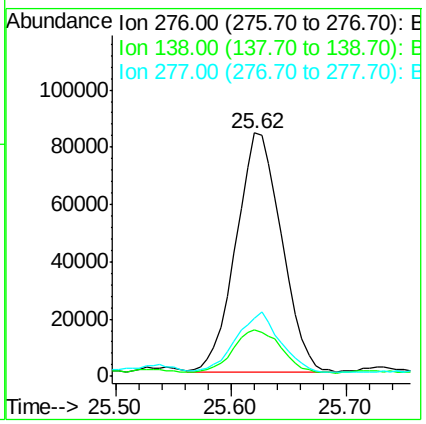


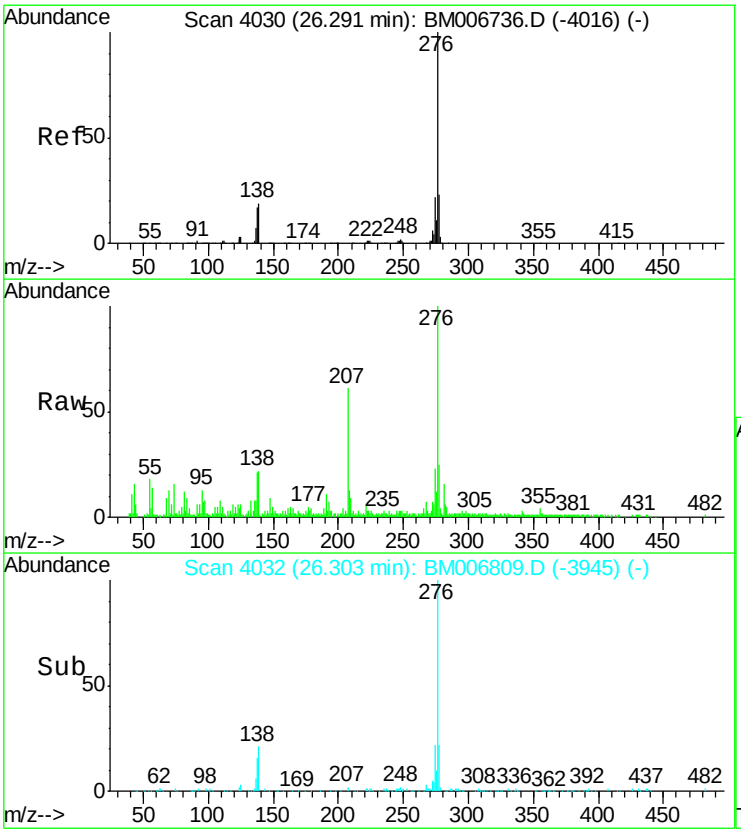
#39
Indeno(1,2,3-cd)pyrene
Concen: 2.65 ng/ul
RT: 25.62 min Scan# 3916
Delta R.T. 0.00 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 228179

Ion	Ratio	Lower	Upper
276	100		
138	19.4	15.8	23.6
277	23.6	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 2.78 ng/ul
RT: 26.30 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BM006809.D
Acq: 01 Aug 2016 03:46

Tgt Ion:276 Resp: 205522

Ion	Ratio	Lower	Upper
276	100		
138	22.4	13.9	20.9#
277	25.1	19.8	29.6