Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM073116\
Data File : BM006810.D
Acq On : 01 Aug 2016 04:23
Operator : UM/SJ
Sample : H4190-16
Misc :
ALS Vial : 78 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 01 06:46:53 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	225289	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	951384	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	509217	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.01	188	1103956	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1140062	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	1206507	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	8617	1.55	ng/uL	0.00
3) Phenol-d5	6.79	99	297249	15.51	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	204581	17.23	ng/ul	0.00
5) 2-Chlorophenol-d4	7.14	132	255461	16.68	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	208756	14.04	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	125684	17.45	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	138535	18.09	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	238202	16.46	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	279942	17.56	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	713931	17.88	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	926943	18.19	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	93271	13.45	ng/ul	0.01
21) Fluorene-d10	15.26	176	631236	17.68	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	61204	10.68	ng/ul	0.00
26) Anthracene-d10	17.11	188	944143	18.01	ng/ul	0.00
30) Pyrene-d10	19.42	212	1006960	19.38	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	990823	17.85	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	136501	2.20	ng/ul	98
28) Fluoranthene	19.08	202	366007	5.02	ng/ul	98
31) Pyrene	19.44	202	317469	4.60	ng/ul	98
32) Benzo(a)anthracene	21.20	228	192880	2.79	ng/ul	93
33) Chrysene	21.25	228	238486	3.74	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	324592	4.49	ng/ul#	96
36) Benzo(k)fluoranthene	22.76	252	324592	4.64	ng/ul#	95
38) Benzo(a)pyrene	23.33	252	216258	3.07	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.63	276	157132	1.93	ng/ul	95
41) Benzo(g,h,i)perylene	26.30	276	169115	2.42	ng/ul#	93

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

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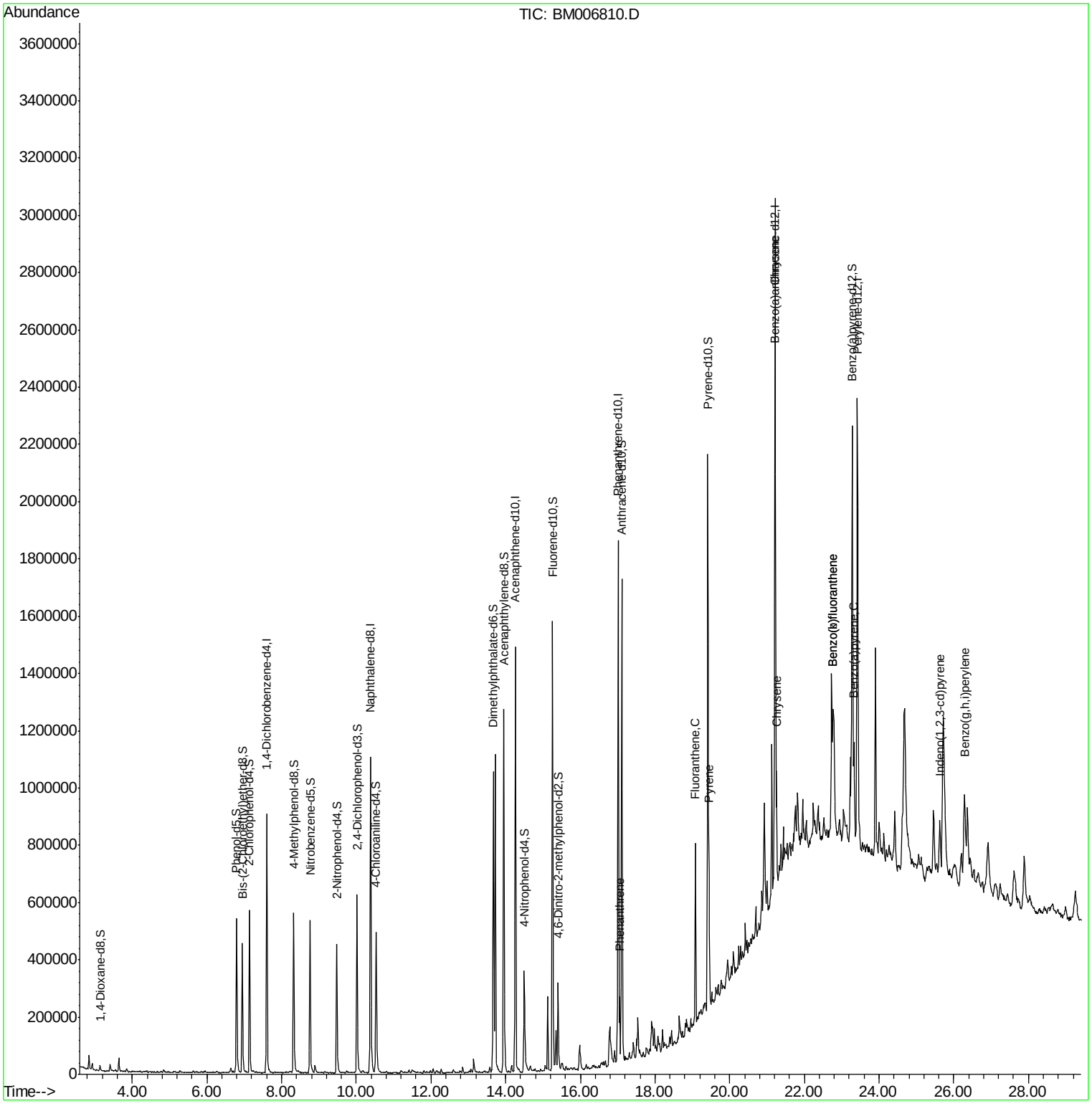
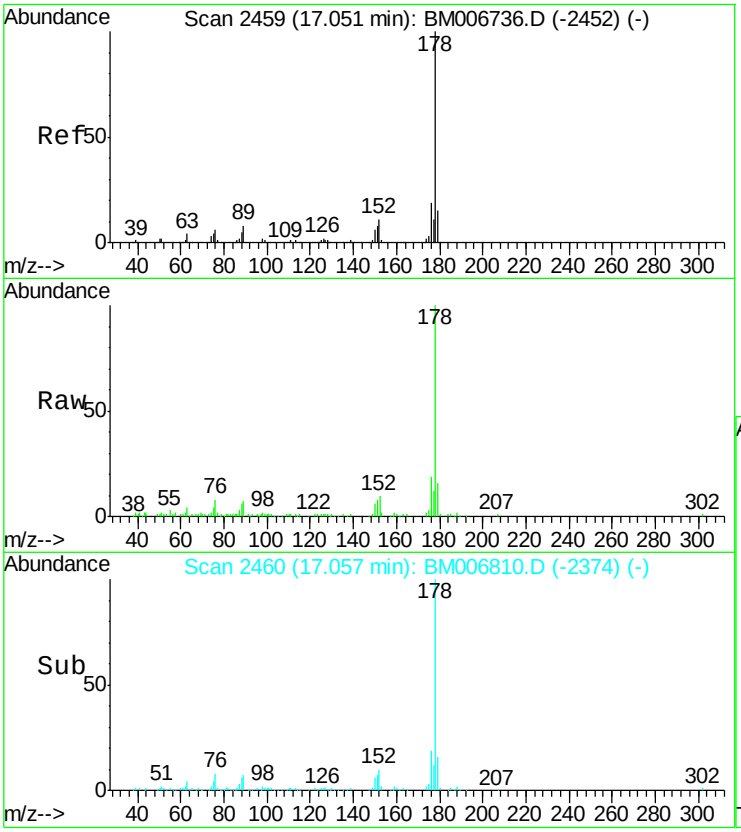


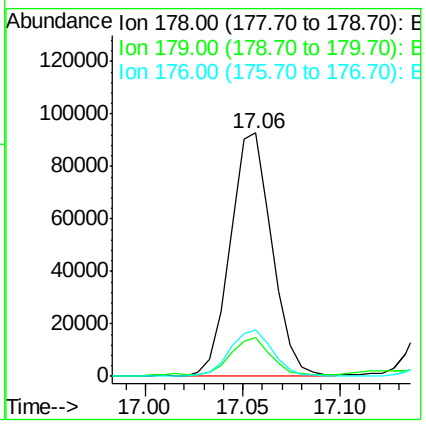


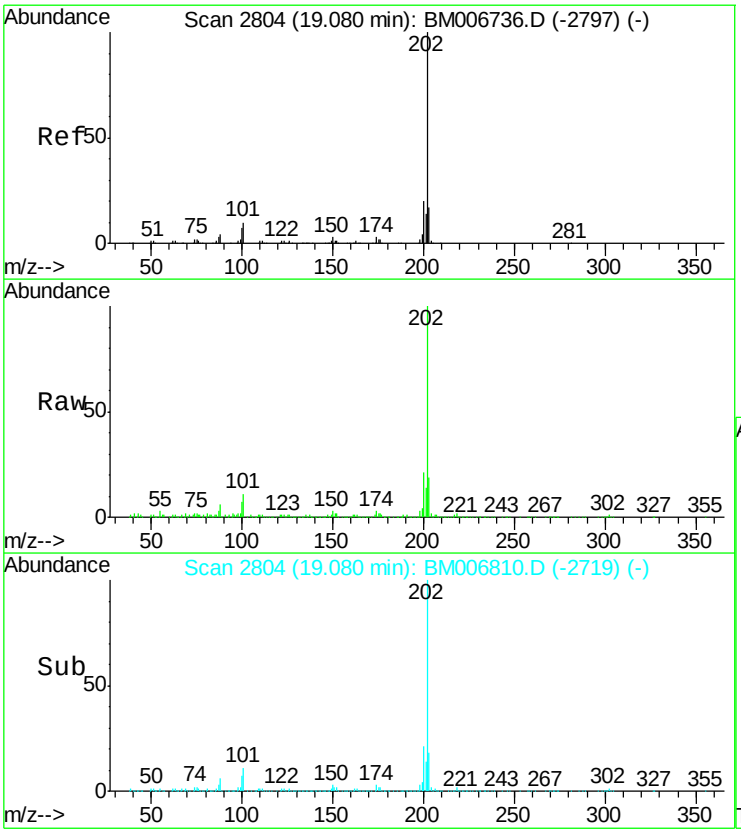
#25
Phenanthrene
Concen: 2.20 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 136501

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.9	14.8	22.2

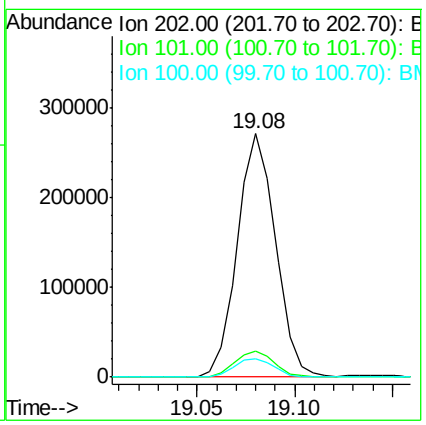


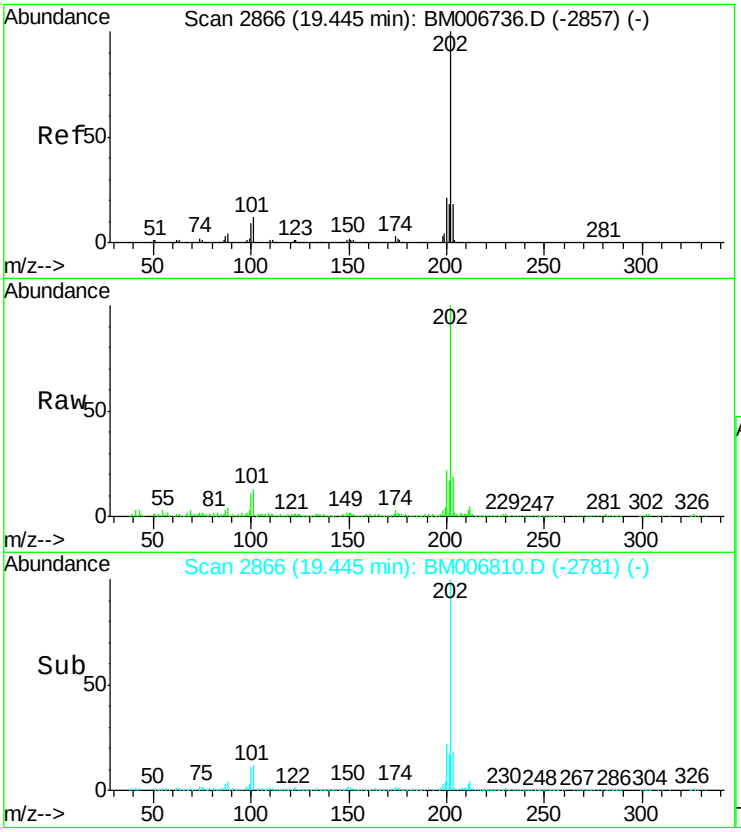


#28
Fluoranthene
Concen: 5.02 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Tgt Ion:202 Resp: 366007

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.9	13.3
100	7.3	7.0	10.4



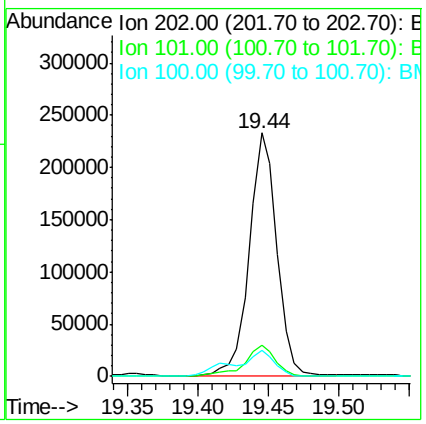


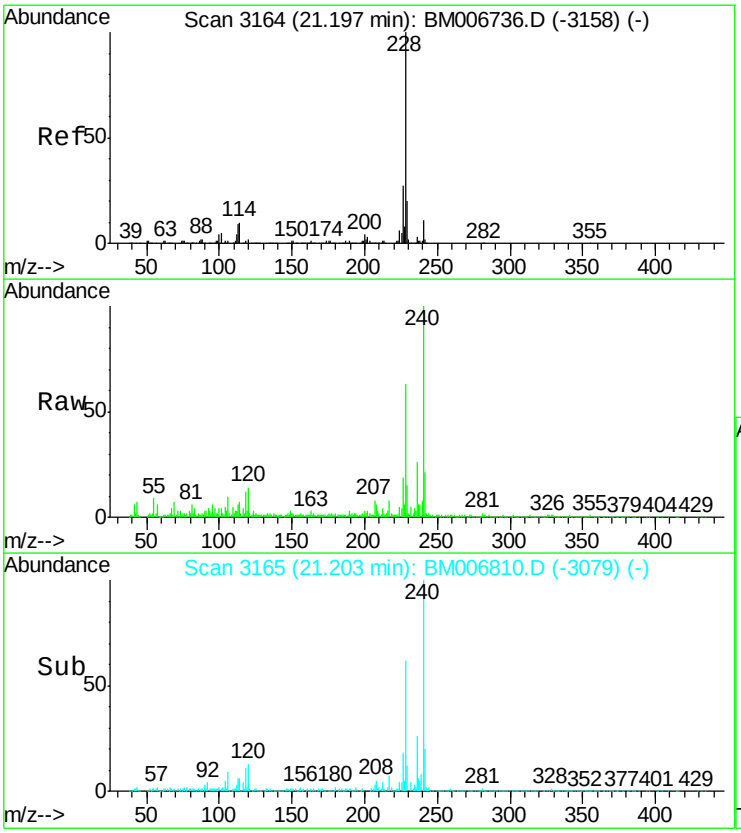
#31
Pyrene
Concen: 4.60 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 317469

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.8
100	10.5	9.3	13.9

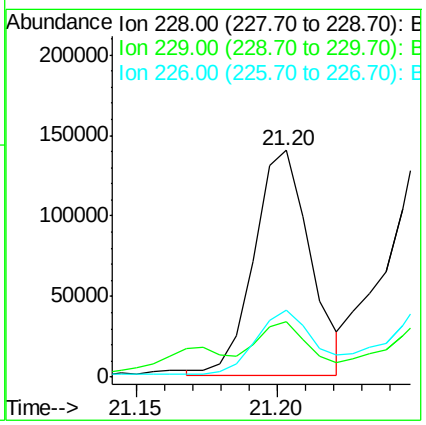


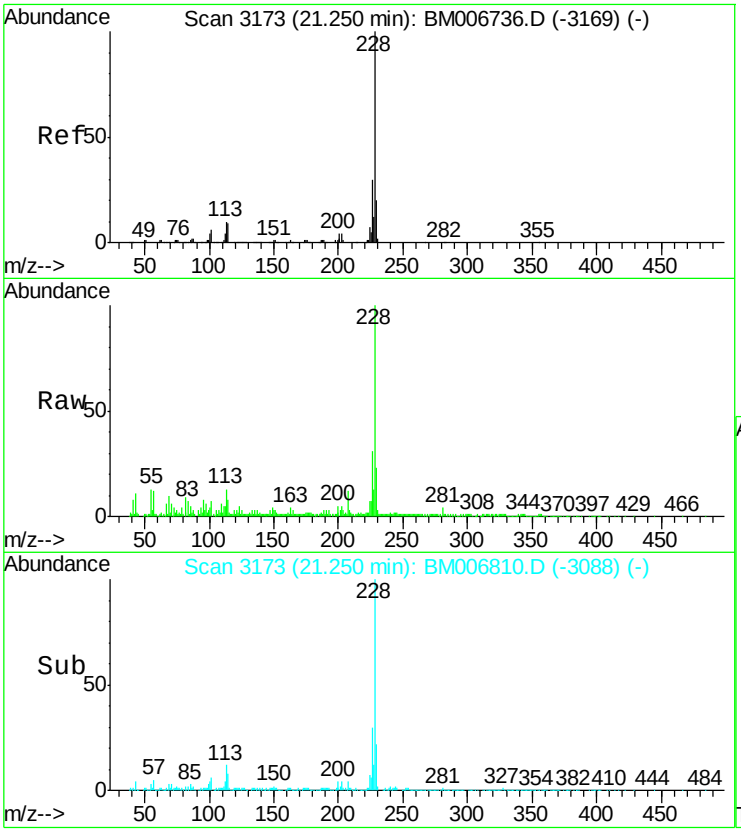


#32
Benzo(a)anthracene
Concen: 2.79 ng/ul
RT: 21.20 min Scan# 3165
Delta R.T. 0.01 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Tgt Ion:228 Resp: 192880

Ion	Ratio	Lower	Upper
228	100		
229	24.3	16.6	25.0
226	29.6	21.0	31.4



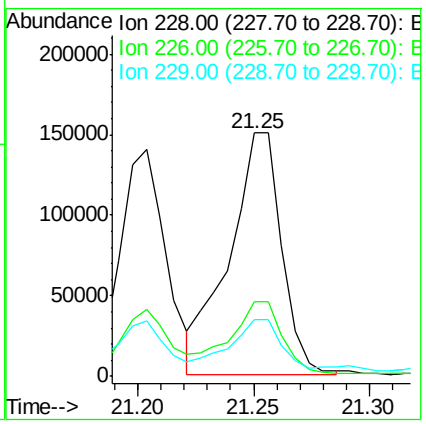


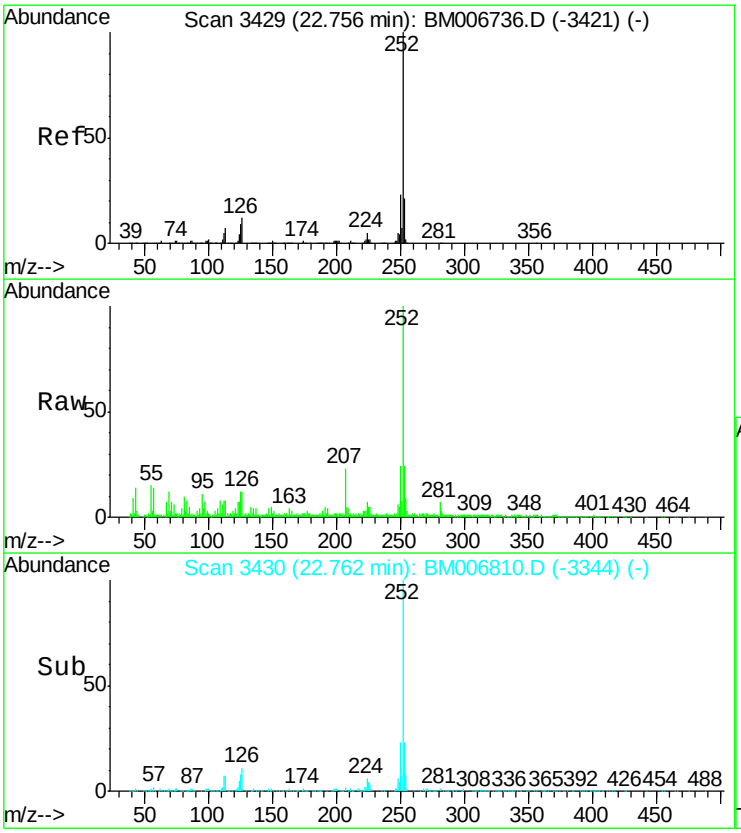
#33
Chrysene
Concen: 3.74 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 238486

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	23.0	16.2	24.2

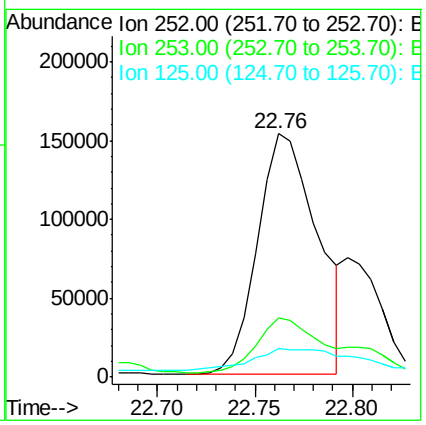


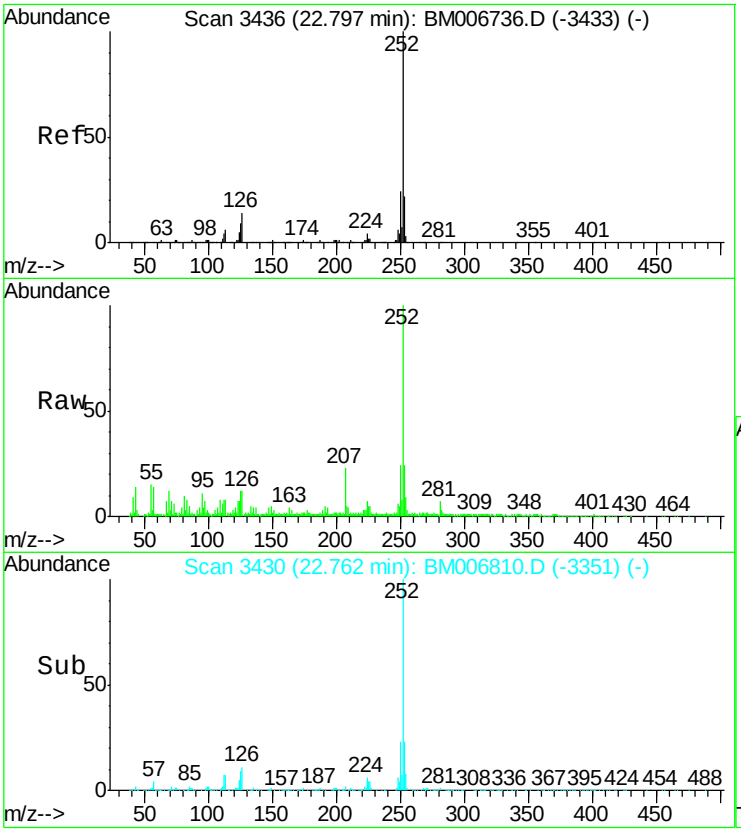


#35
Benzo(b)fluoranthene
Concen: 4.49 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. 0.01 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Tgt Ion:252 Resp: 324592

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.1	27.1
125	11.6	7.6	11.4#



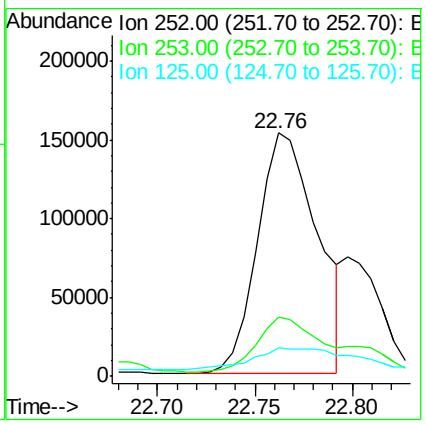


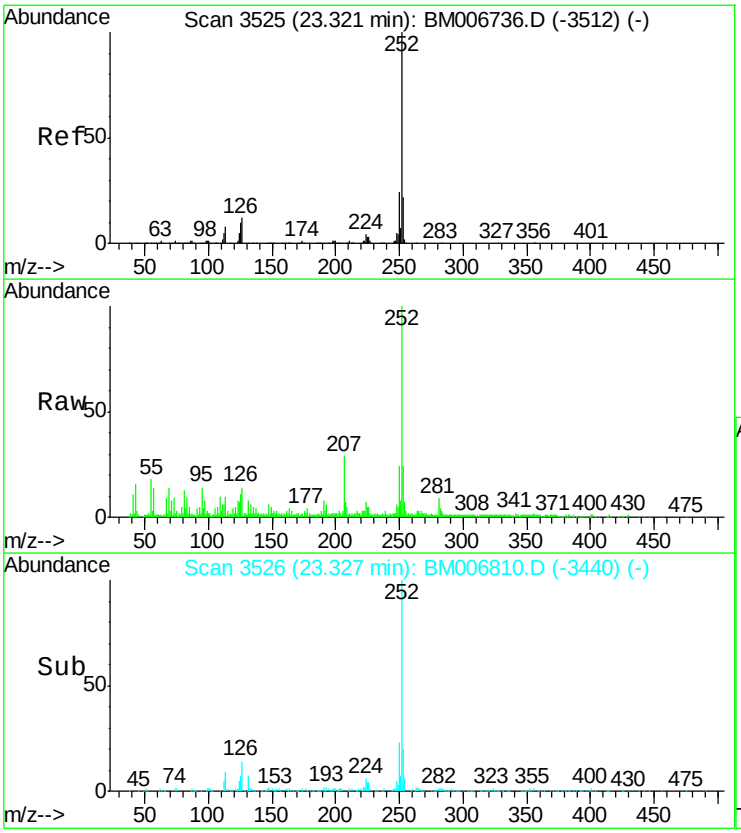
#36
Benzo(k)fluoranthene
Concen: 4.64 ng/ul
RT: 22.76 min Scan# 3430
Delta R.T. -0.04 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 324592

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.8	26.8
125	11.6	7.7	11.5#

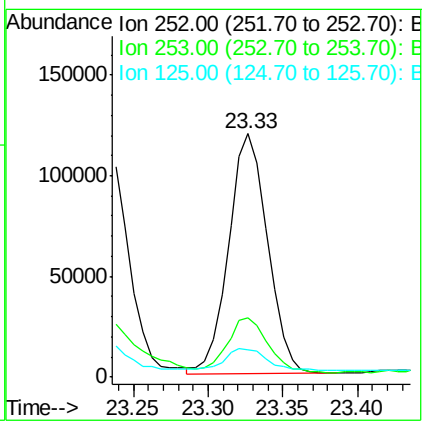


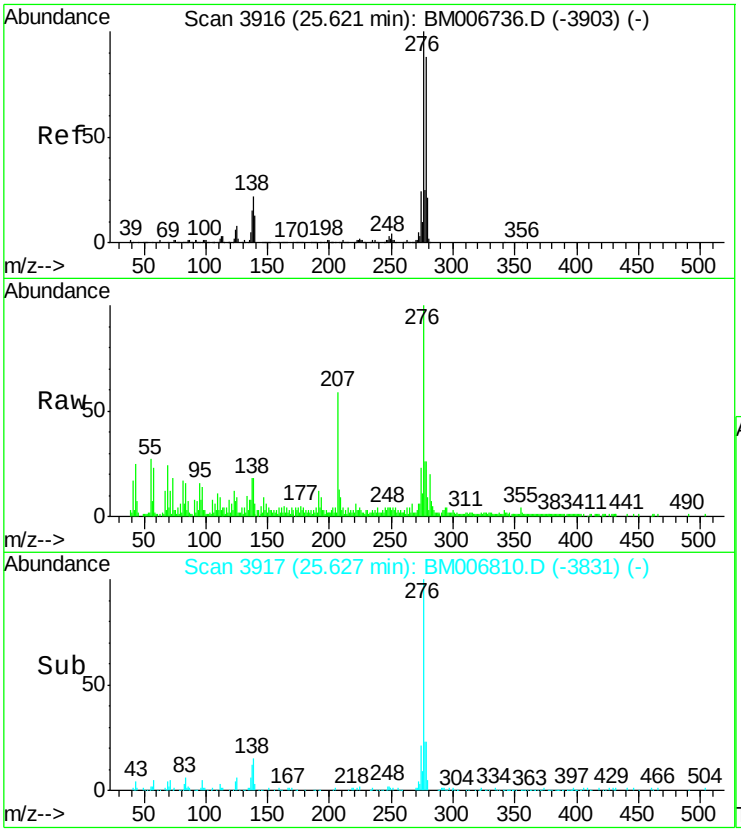


#38
Benzo(a)pyrene
Concen: 3.07 ng/ul
RT: 23.33 min Scan# 3526
Delta R.T. 0.01 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Tgt Ion:252 Resp: 216258

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	11.3	8.2	12.2



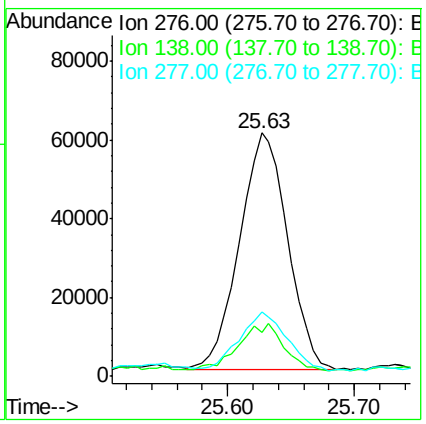


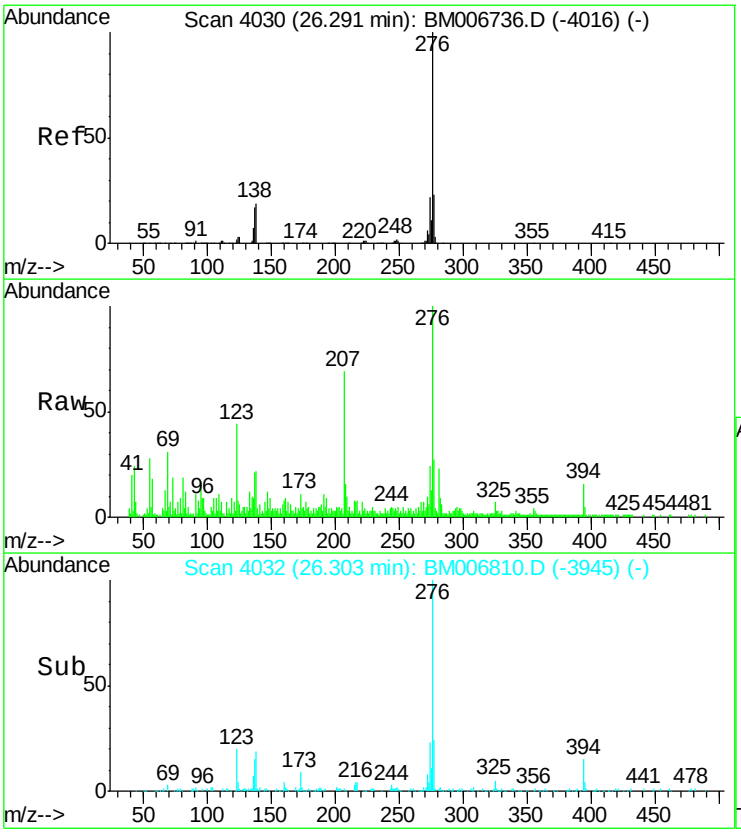
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.93 ng/ul
RT: 25.63 min Scan# 3917
Delta R.T. 0.01 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 157132

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.8	23.6
277	26.3	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 2.42 ng/ul
RT: 26.30 min Scan# 4032
Delta R.T. 0.01 min
Lab File: BM006810.D
Acq: 01 Aug 2016 04:23

Tgt Ion:276 Resp: 169115

Ion	Ratio	Lower	Upper
276	100		
138	21.8	13.9	20.9#
277	26.9	19.8	29.6