Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006610.D
Acq On : 22 Jul 2016 05:31
Operator : UM/SJ
Sample : H4077-10
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YR4

Quant Time: Jul 22 07:19:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 22 01:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	191702	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	804245	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	446402	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1004469	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	1120652	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1175831	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	7529	1.59	ng/uL	0.00
3) Phenol-d5	6.79	99	291198	17.85	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	190241	18.83	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	236777	18.17	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	202238	15.99	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	115768	19.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	123754	19.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	228180	18.65	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	234173	17.38	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	663505	18.96	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	866345	19.39	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	83074	13.67	ng/ul	0.01
21) Fluorene-d10	15.26	176	601157	19.20	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	57152	10.96	ng/ul	0.00
26) Anthracene-d10	17.12	188	917657	19.24	ng/ul	0.00
30) Pyrene-d10	19.42	212	1027822	20.13	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	1042617	19.28	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.06	178	174840	3.10	ng/ul	98
28) Fluoranthene	19.08	202	321117	4.84	ng/ul	99
31) Pyrene	19.44	202	279292	4.12	ng/ul	98
32) Benzo(a)anthracene	21.20	228	157633	2.32	ng/ul	96
33) Chrysene	21.25	228	180372	2.88	ng/ul	98
35) Benzo(b)fluoranthene	22.76	252	276641	3.92	ng/ul	99
36) Benzo(k)fluoranthene	22.76	252	276641	4.06	ng/ul	99
38) Benzo(a)pyrene	23.31	252	172528	2.51	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.61	276	139584	1.76	ng/ul	97
41) Benzo(g,h,i)perylene	26.29	276	150722	2.21	ng/ul#	95

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

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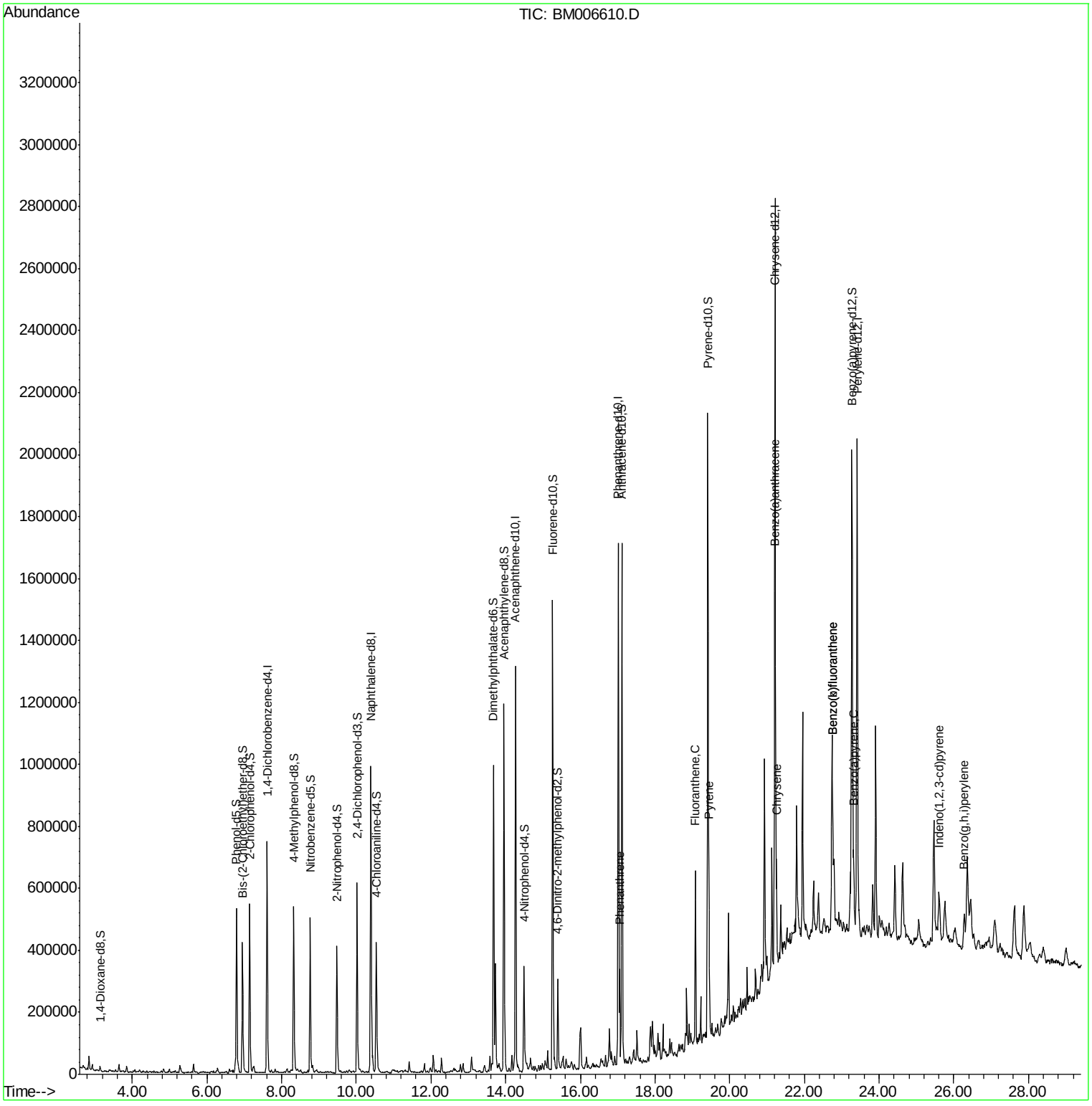
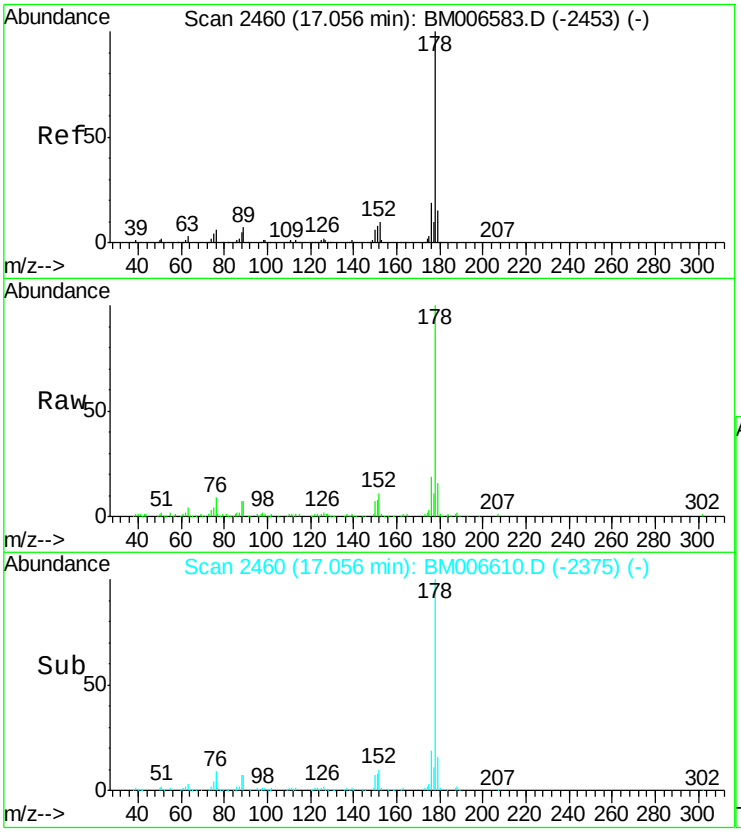


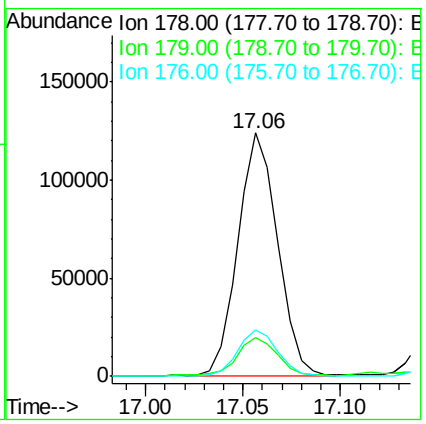


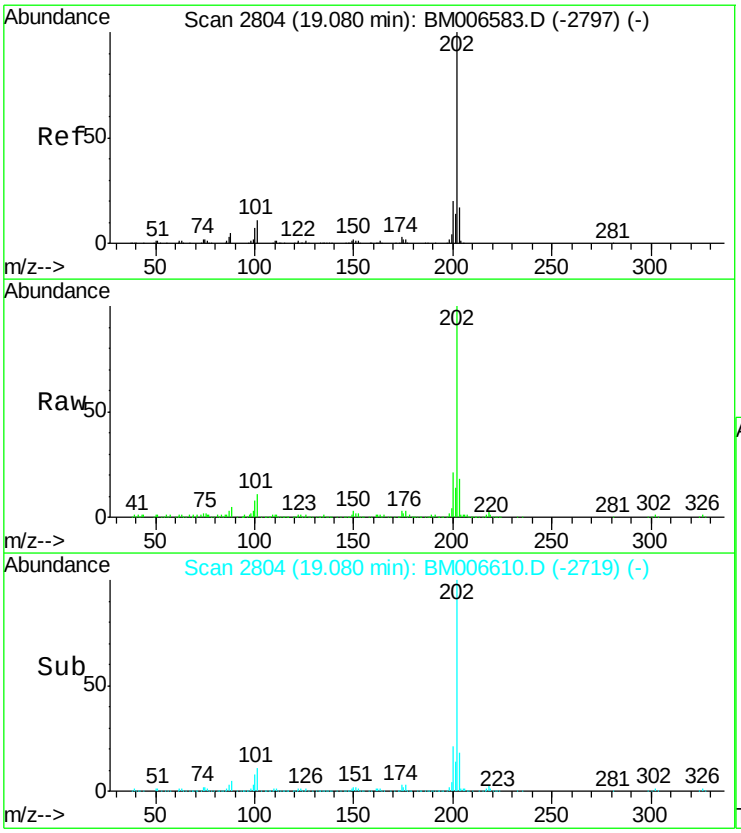
#25
Phenanthrene
Concen: 3.10 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Instrument :
BNA_M
ClientSampleId :
D9YR4

Tgt Ion:178 Resp: 174840

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

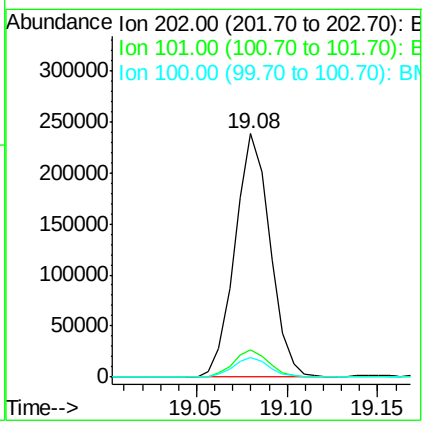


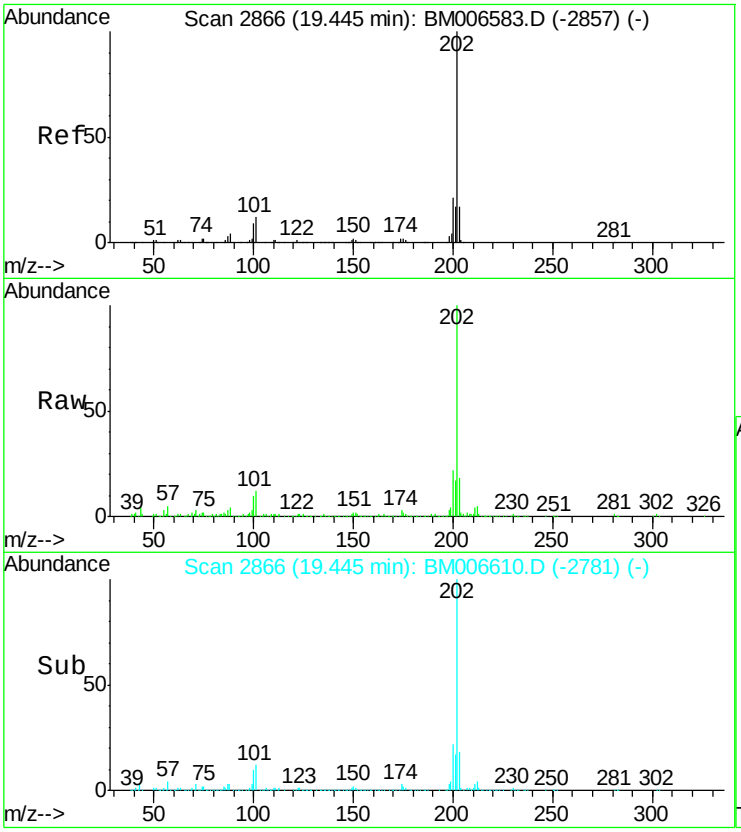


#28
Fluoranthene
Concen: 4.84 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Tgt Ion:202 Resp: 321117

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
100	7.8	7.0	10.4



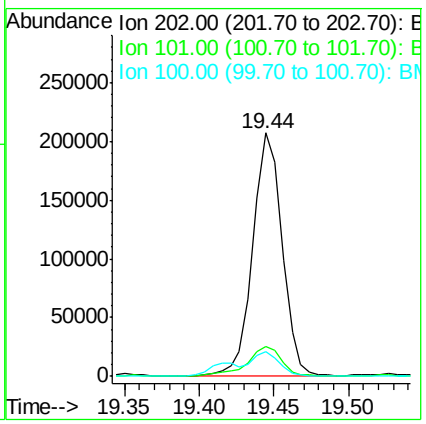


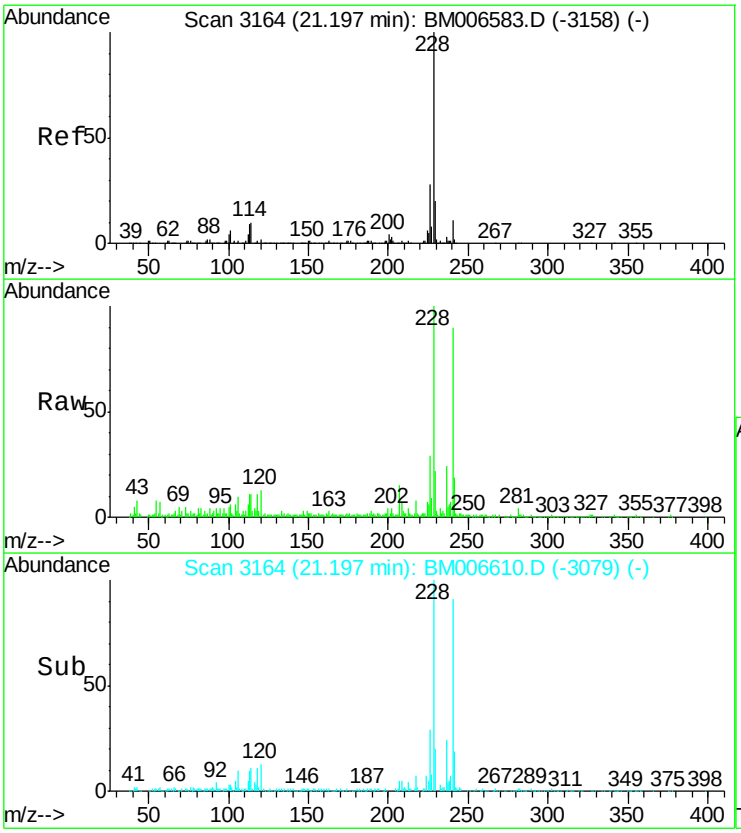
#31
Pyrene
Concen: 4.12 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Instrument :
BNA_M
ClientSampleId :
D9YR4

Tgt Ion:202 Resp: 279292

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	10.2	9.3	13.9

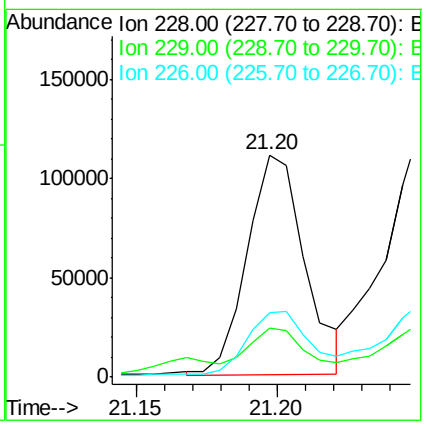


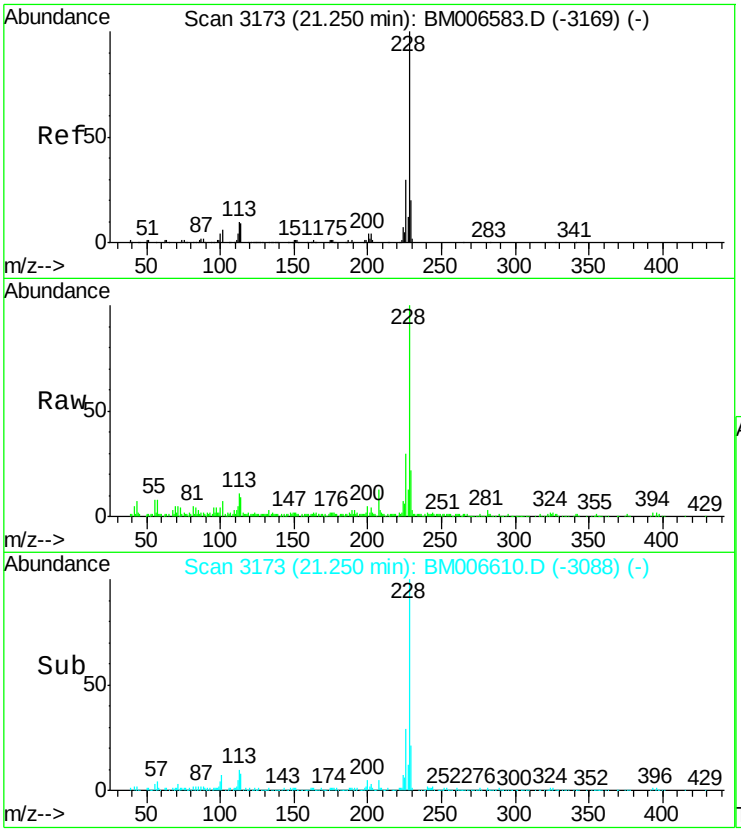


#32
Benzo(a)anthracene
Concen: 2.32 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Tgt Ion:228 Resp: 157633

Ion	Ratio	Lower	Upper
228	100		
229	22.0	16.6	25.0
226	29.1	21.0	31.4



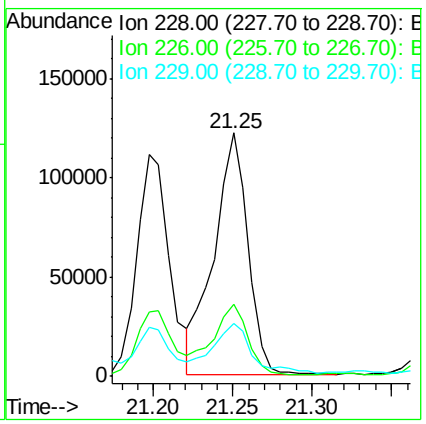


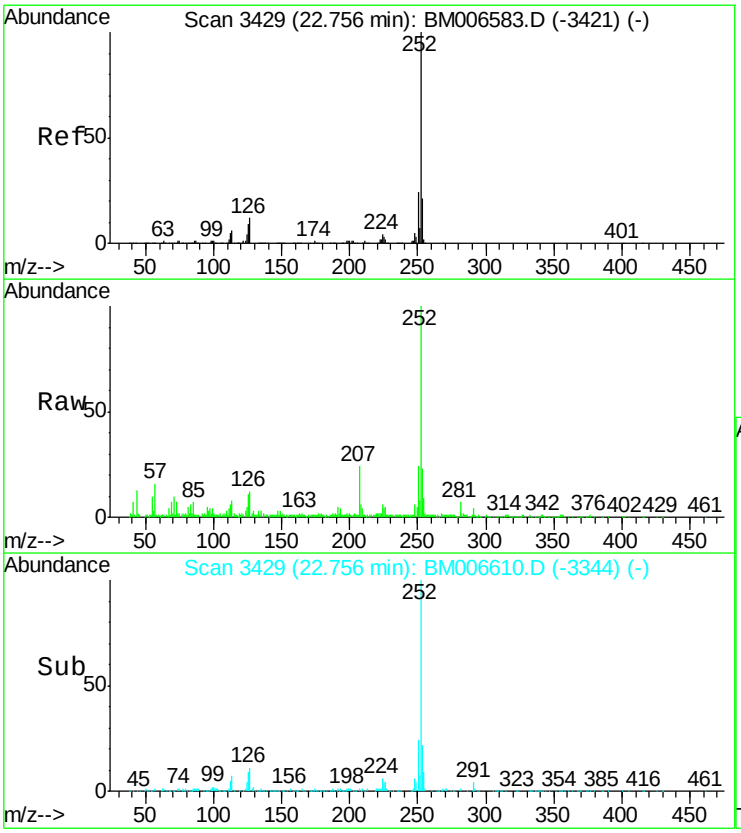
#33
Chrysene
Concen: 2.88 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Instrument :
BNA_M
ClientSampleId :
D9YR4

Tgt Ion:228 Resp: 180372

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.9	16.2	24.2

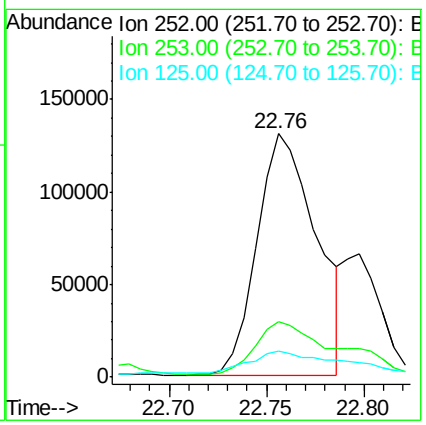


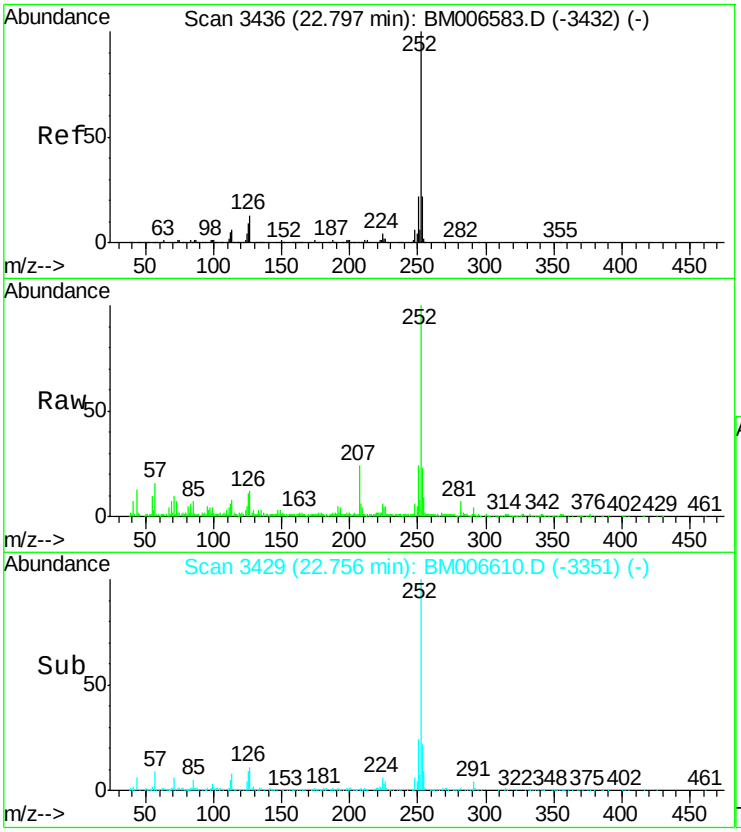


#35
Benzo(b)fluoranthene
Concen: 3.92 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Tgt Ion:252 Resp: 276641

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	10.6	7.6	11.4



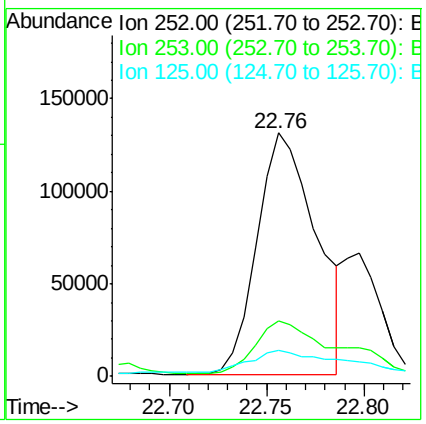


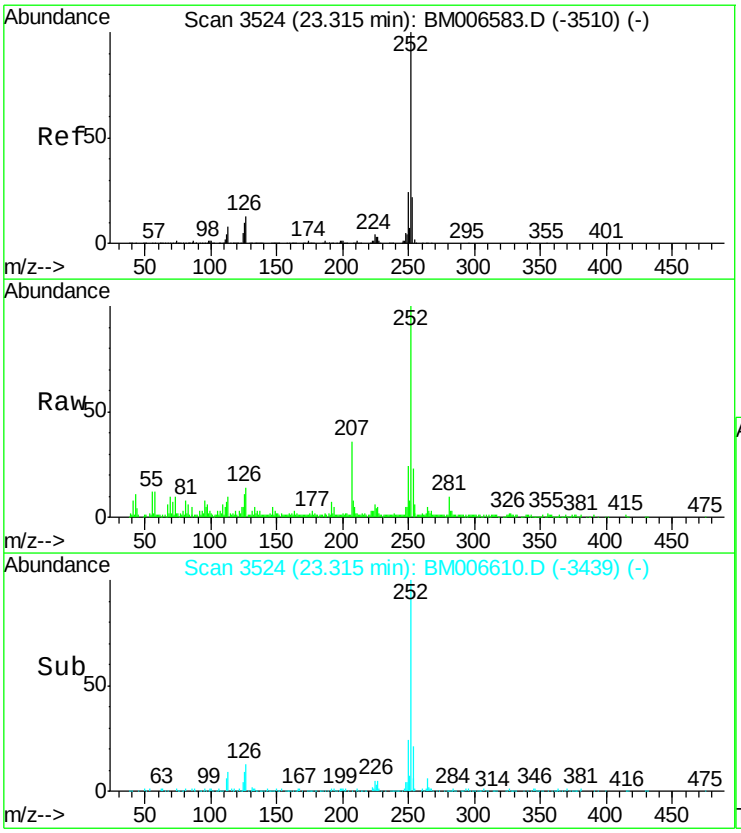
#36
Benzo(k)fluoranthene
Concen: 4.06 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Instrument :
BNA_M
ClientSampleId :
D9YR4

Tgt Ion:252 Resp: 276641

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	10.6	7.7	11.5

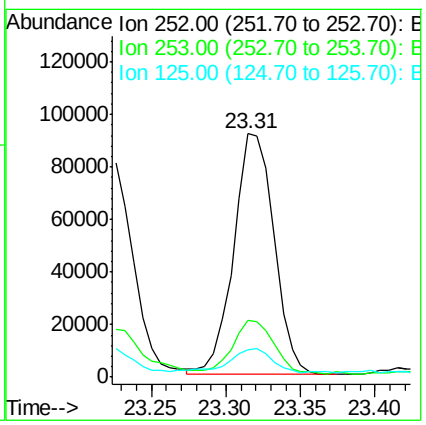


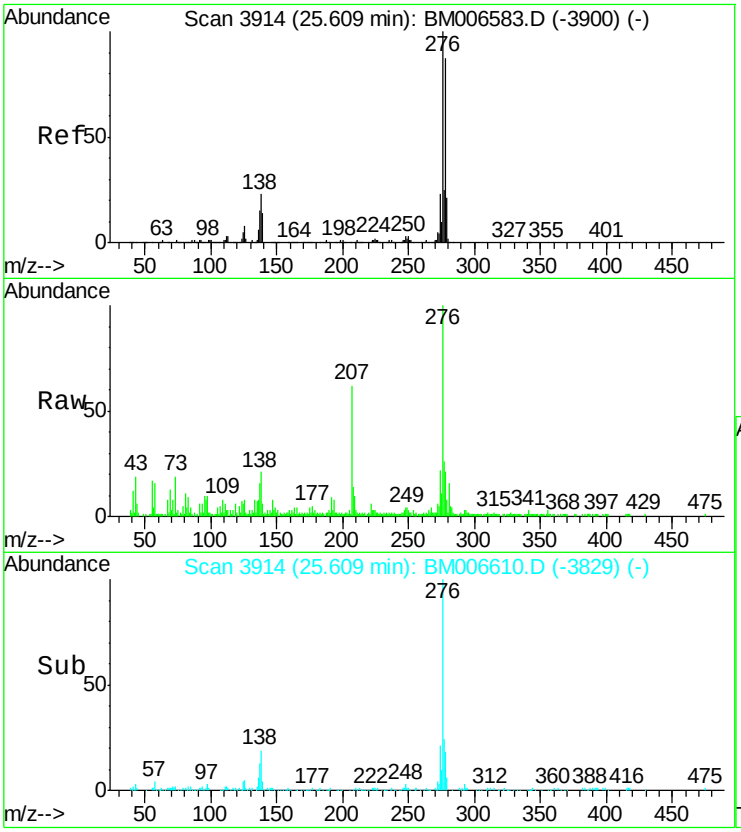


#38
Benzo(a)pyrene
Concen: 2.51 ng/ul
RT: 23.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Tgt Ion:252 Resp: 172528

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.4	26.0
125	11.2	8.2	12.2



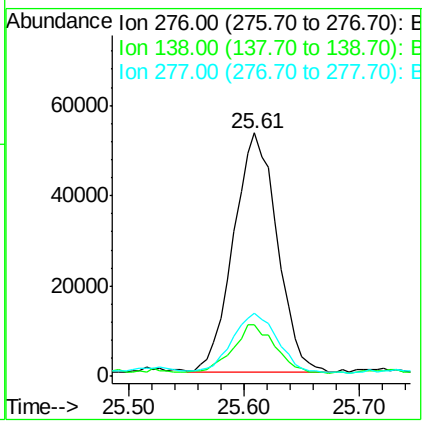


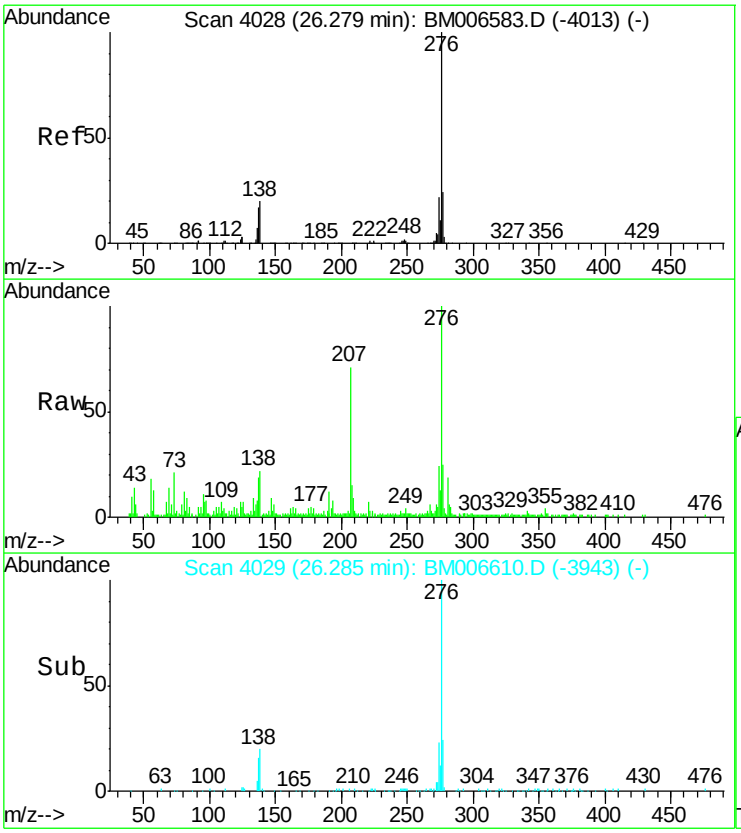
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.76 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. 0.00 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Instrument :
BNA_M
ClientSampleId :
D9YR4

Tgt Ion:276 Resp: 139584

Ion	Ratio	Lower	Upper
276	100		
138	21.0	15.8	23.6
277	25.7	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 2.21 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. 0.01 min
Lab File: BM006610.D
Acq: 22 Jul 2016 05:31

Tgt Ion:276 Resp: 150722

Ion	Ratio	Lower	Upper
276	100		
138	21.9	13.9	20.9#
277	25.4	19.8	29.6