Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072116\
Data File : BM006609.D
Acq On : 22 Jul 2016 04:55
Operator : UM/SJ
Sample : H4077-22
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YT6

Quant Time: Jul 22 07:19:34 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	7.62	152	154159	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	675961	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	380207	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	839999	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	990542	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	1044017	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	6482	1.70	ng/uL	0.00
3) Phenol-d5	6.79	99	217488	16.58	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	158602	19.52	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	184866	17.64	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	132283	13.01	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	93906	18.35	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	98901	18.18	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	175020	17.02	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	182942	16.15	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	556162	18.66	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	724920	19.05	ng/ul	0.00
20) 4-Nitrophenol-d4	14.49	143	47935	9.26	ng/ul	0.01
21) Fluorene-d10	15.26	176	505086	18.94	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	39993	9.17	ng/ul	0.00
26) Anthracene-d10	17.12	188	774608	19.42	ng/ul	0.00
30) Pyrene-d10	19.42	212	906692	20.09	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	964259	20.08	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	43087	1.06	ng/ul	98
25) Phenanthrene	17.06	178	235835	4.99	ng/ul	99
27) Anthracene	17.14	178	53570	1.10	ng/ul	97
28) Fluoranthene	19.08	202	488195	8.80	ng/ul	98
31) Pyrene	19.44	202	386928	6.45	ng/ul	97
32) Benzo(a)anthracene	21.20	228	256791	4.28	ng/ul	97
33) Chrysene	21.25	228	255685	4.62	ng/ul	96
35) Benzo(b)fluoranthene	22.76	252	372356	5.95	ng/ul	100
36) Benzo(k)fluoranthene	22.76	252	372356	6.15	ng/ul	99
38) Benzo(a)pyrene	23.32	252	240238	3.94	ng/ul	94
39) Indeno(1,2,3-cd)pyrene	25.61	276	172927	2.45	ng/ul	98
41) Benzo(g,h,i)perylene	26.29	276	159816	2.64	ng/ul	98

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

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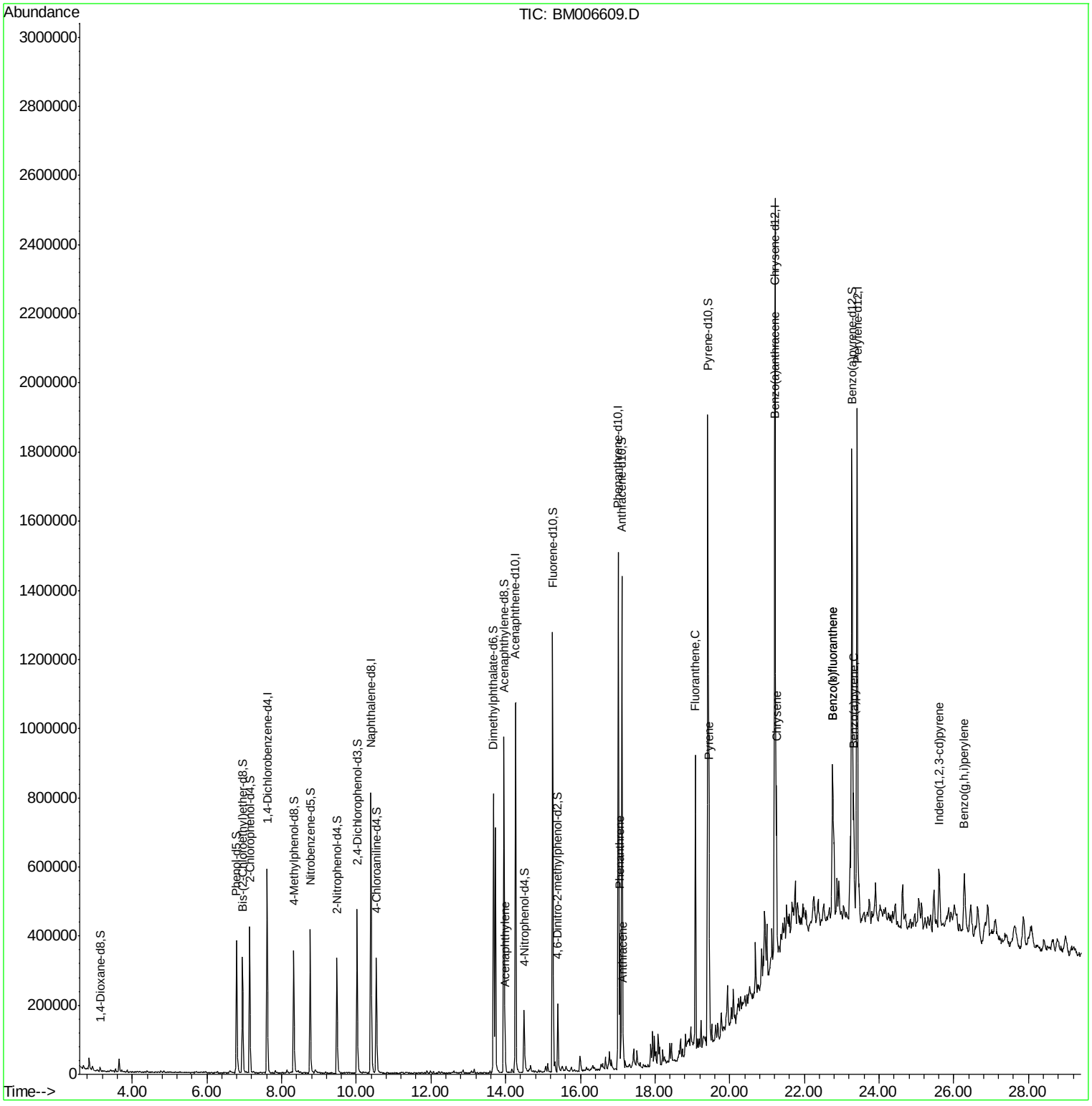
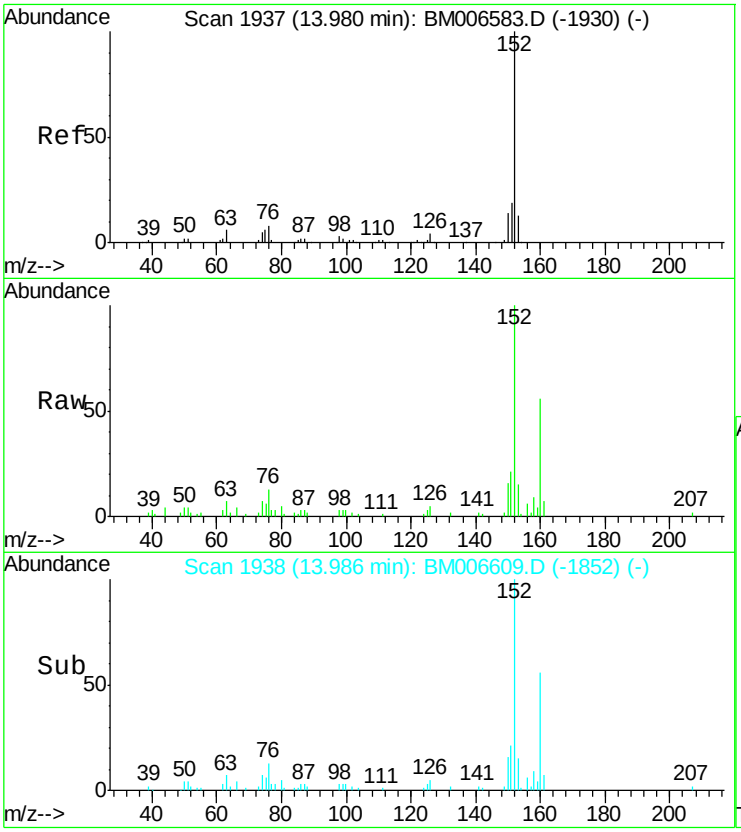


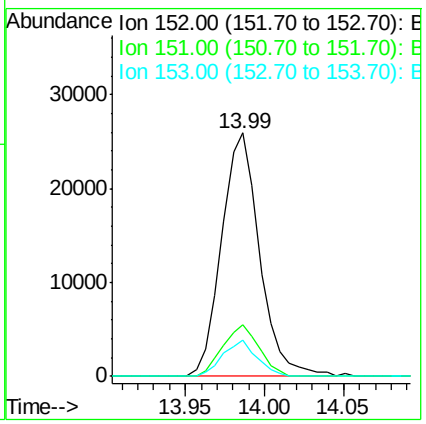


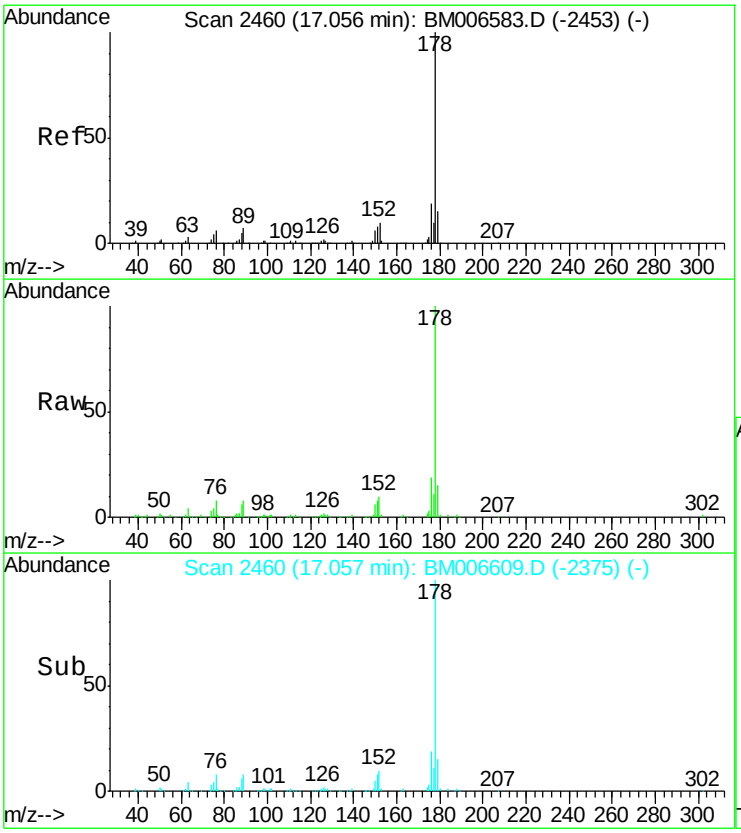
#18
Acenaphthylene
Concen: 1.06 ng/ul
RT: 13.99 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
D9YT6

Tgt Ion:152 Resp: 43087

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.3	25.9
153	15.0	11.1	16.7

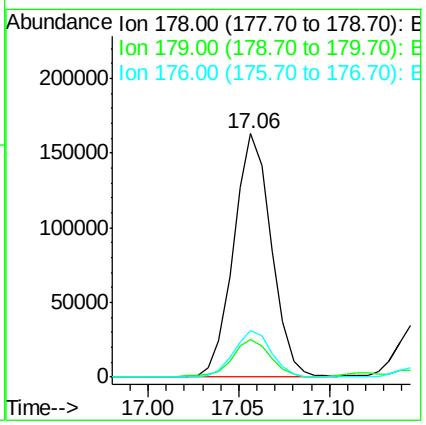


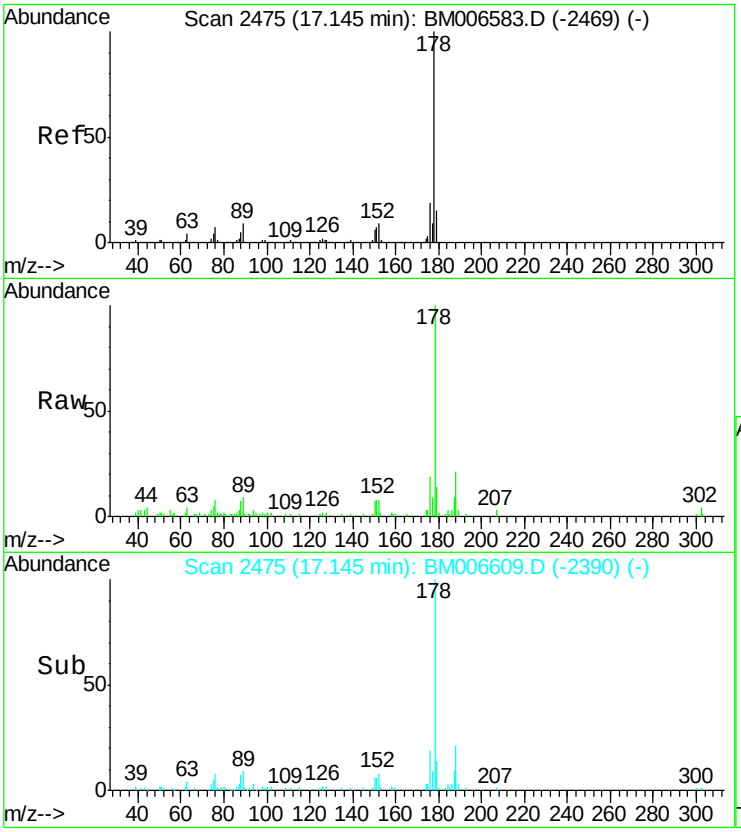


#25
Phenanthrene
Concen: 4.99 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Tgt Ion:178 Resp: 235835

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	19.1	14.8	22.2



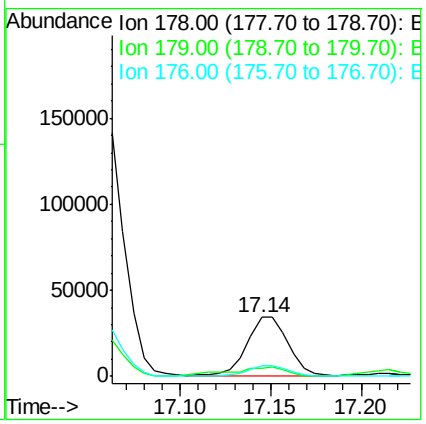


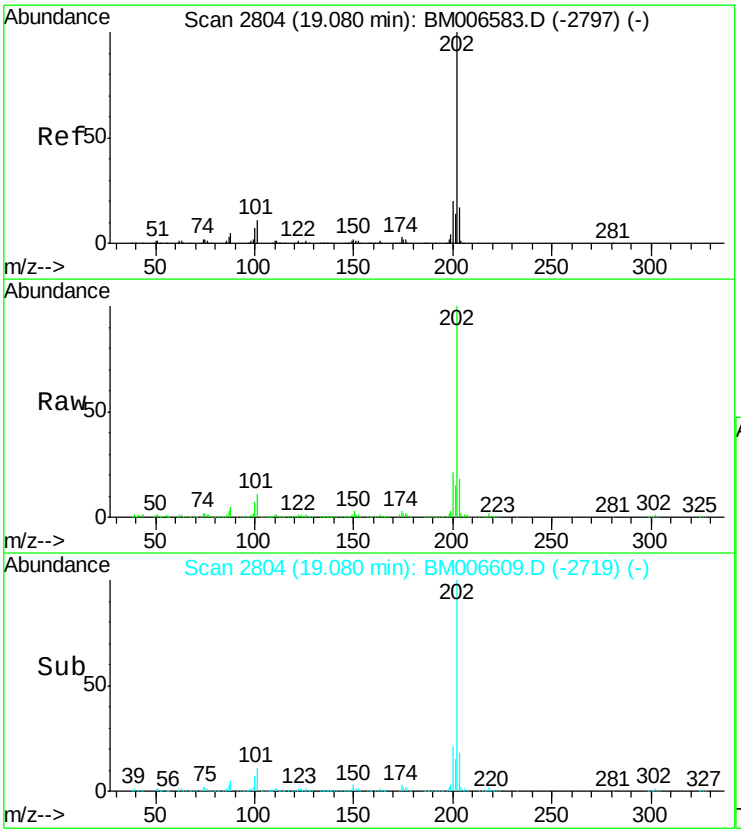
#27
Anthracene
Concen: 1.10 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
D9YT6

Tgt Ion:178 Resp: 53570

Ion	Ratio	Lower	Upper
178	100		
179	14.2	12.9	19.3
176	18.8	15.6	23.4

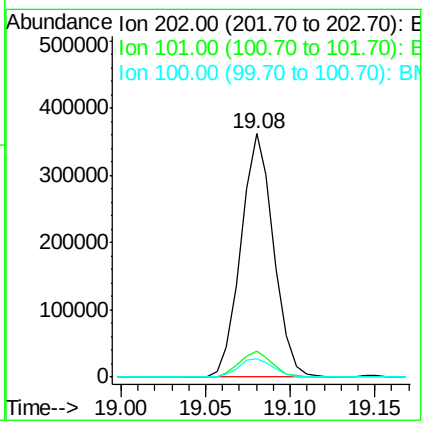


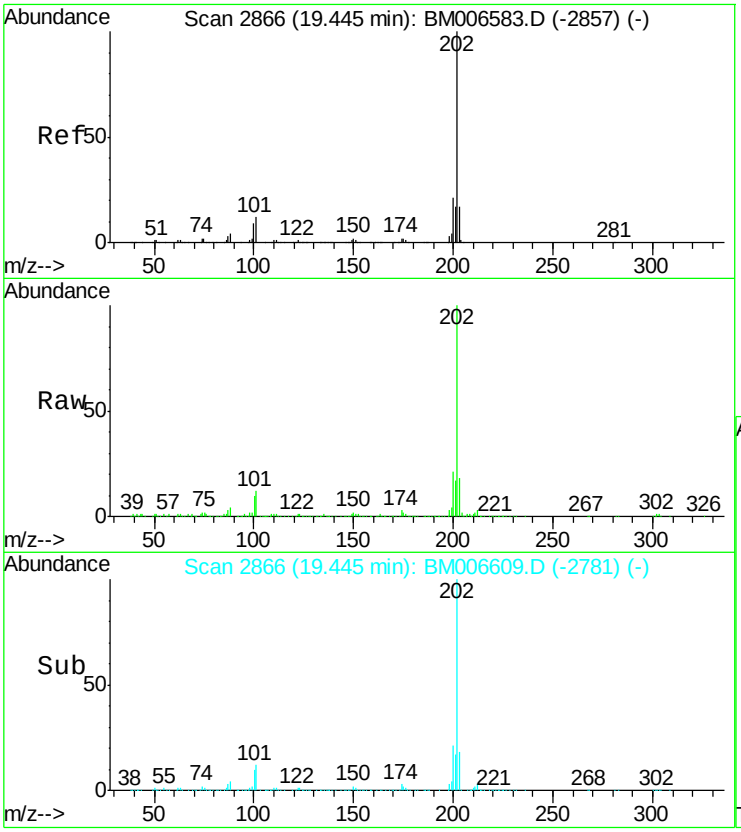


#28
Fluoranthene
Concen: 8.80 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Tgt Ion:202 Resp: 488195

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	7.5	7.0	10.4



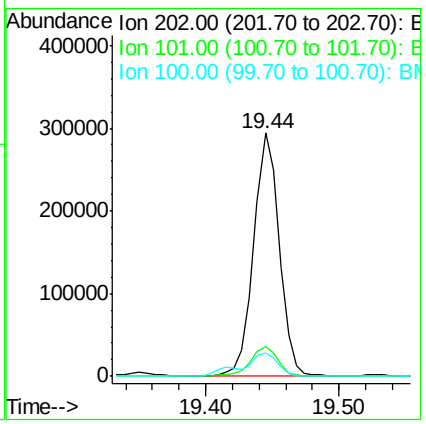


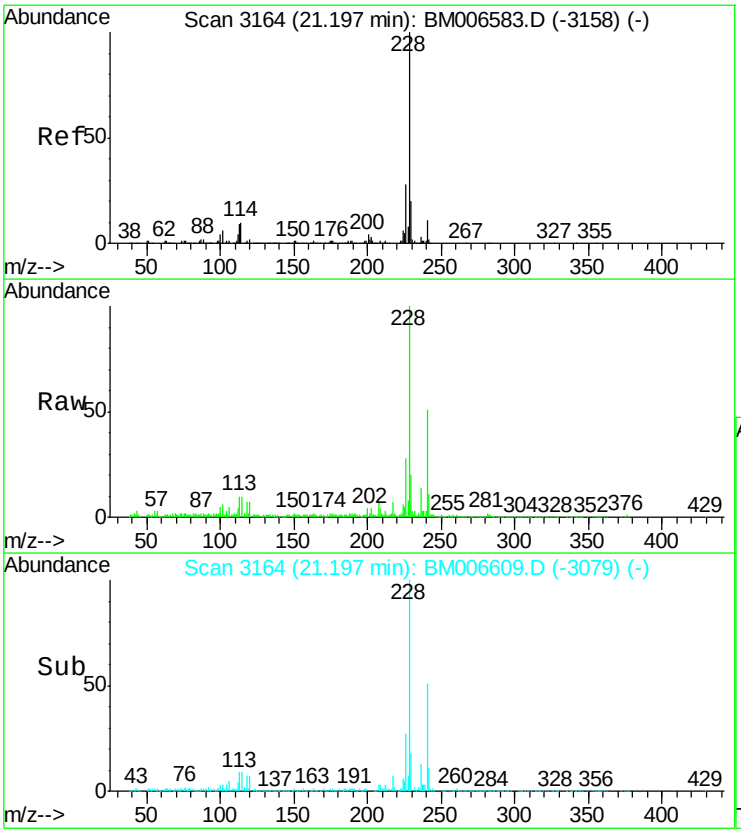
#31
Pyrene
Concen: 6.45 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
D9YT6

Tgt Ion:202 Resp: 386928

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.8
100	9.5	9.3	13.9

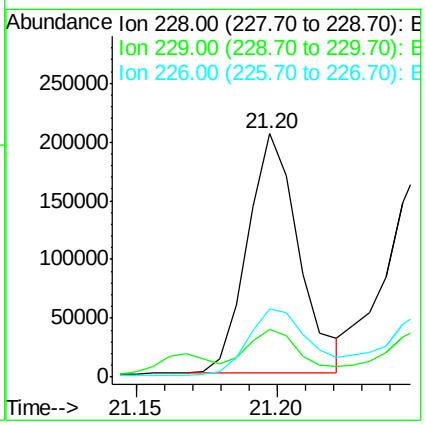


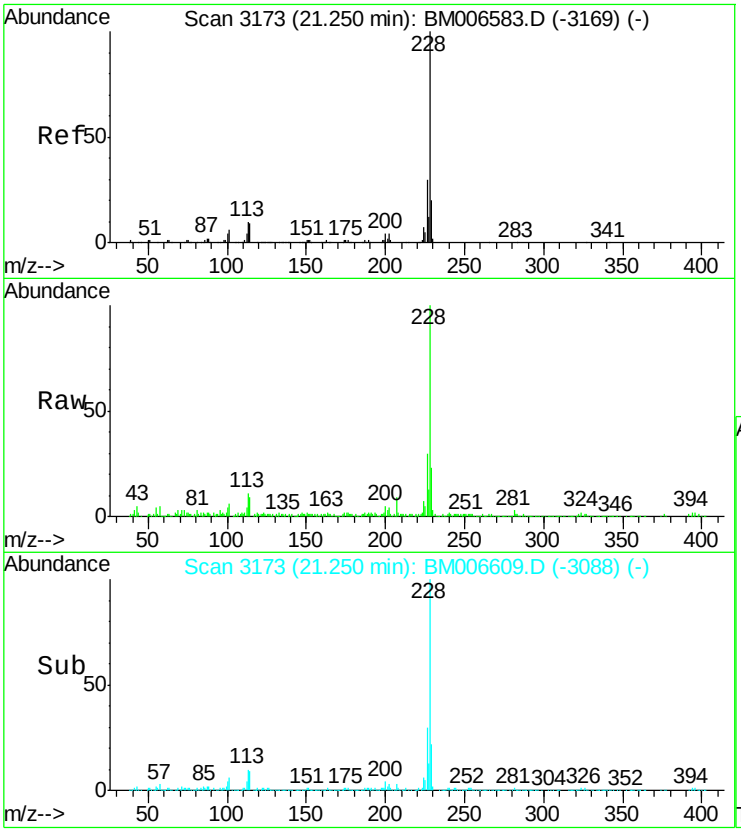


#32
Benzo(a)anthracene
Concen: 4.28 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Tgt Ion:228 Resp: 256791

Ion	Ratio	Lower	Upper
228	100		
229	19.6	16.6	25.0
226	28.1	21.0	31.4



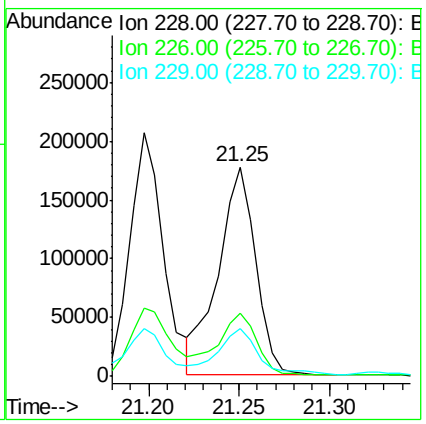


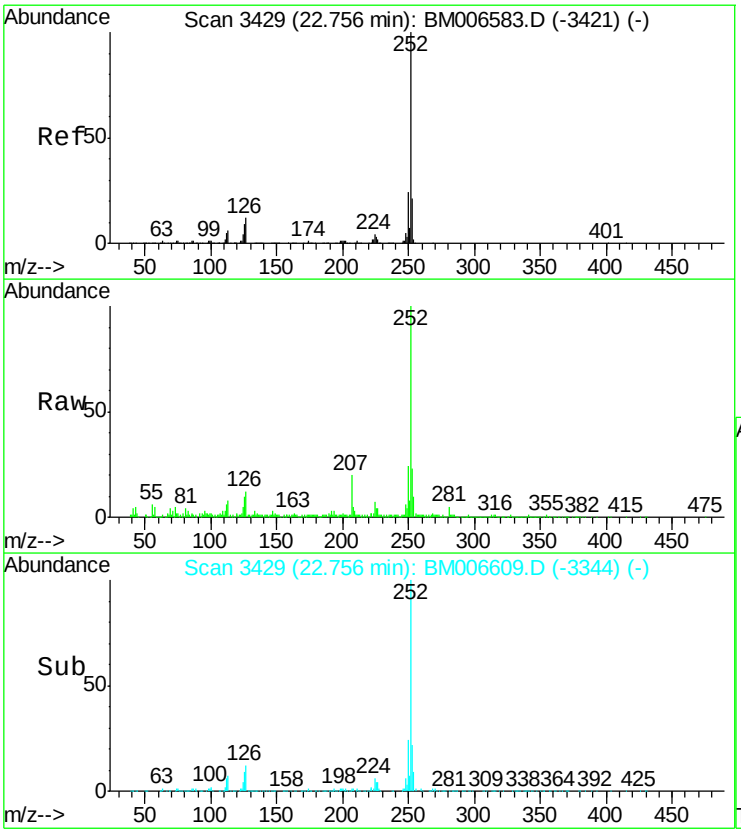
#33
Chrysene
Concen: 4.62 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
D9YT6

Tgt Ion:228 Resp: 255685

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.8	16.2	24.2

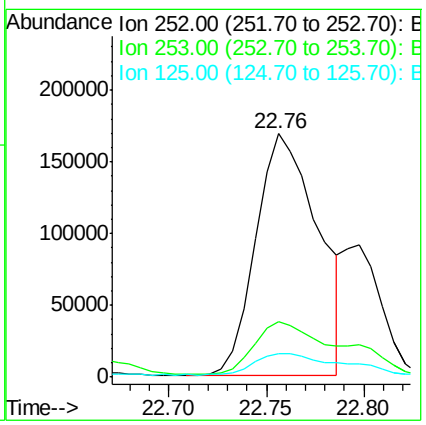


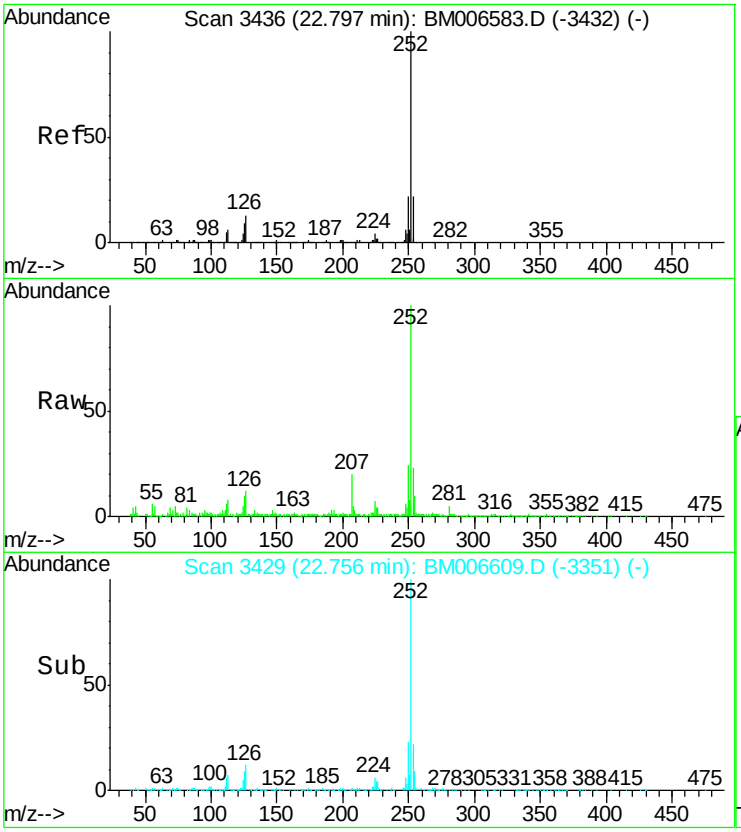


#35
Benzo(b)fluoranthene
Concen: 5.95 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Tgt Ion:252 Resp: 372356

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.8	7.6	11.4



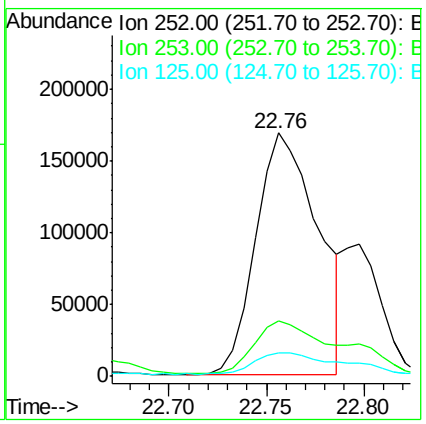


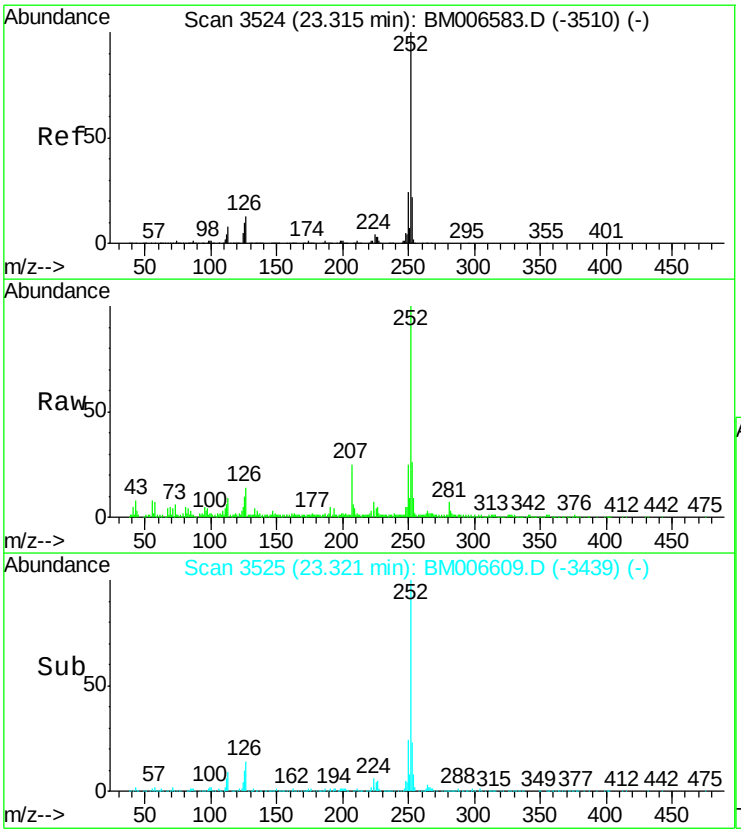
#36
Benzo(k)fluoranthene
Concen: 6.15 ng/ul
RT: 22.76 min Scan# 3429
Delta R.T. -0.04 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
D9YT6

Tgt Ion:252 Resp: 372356

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	9.8	7.7	11.5

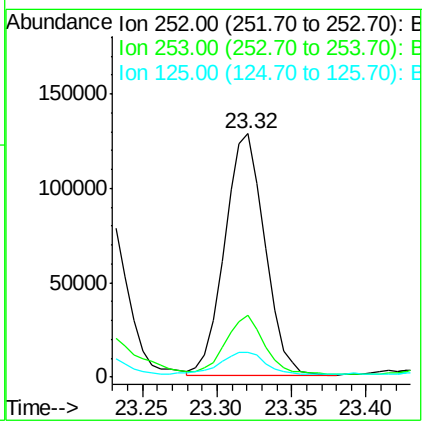


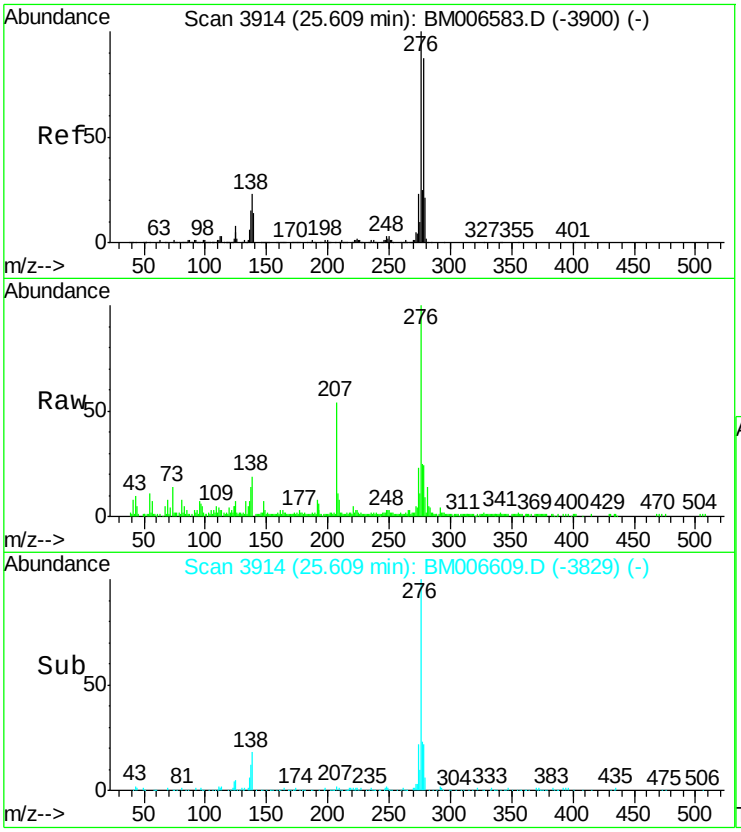


#38
Benzo(a)pyrene
Concen: 3.94 ng/ul
RT: 23.32 min Scan# 3525
Delta R.T. 0.01 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Tgt Ion:252 Resp: 240238

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.4	26.0
125	10.4	8.2	12.2



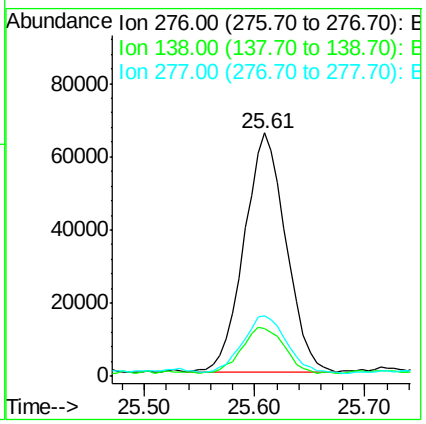


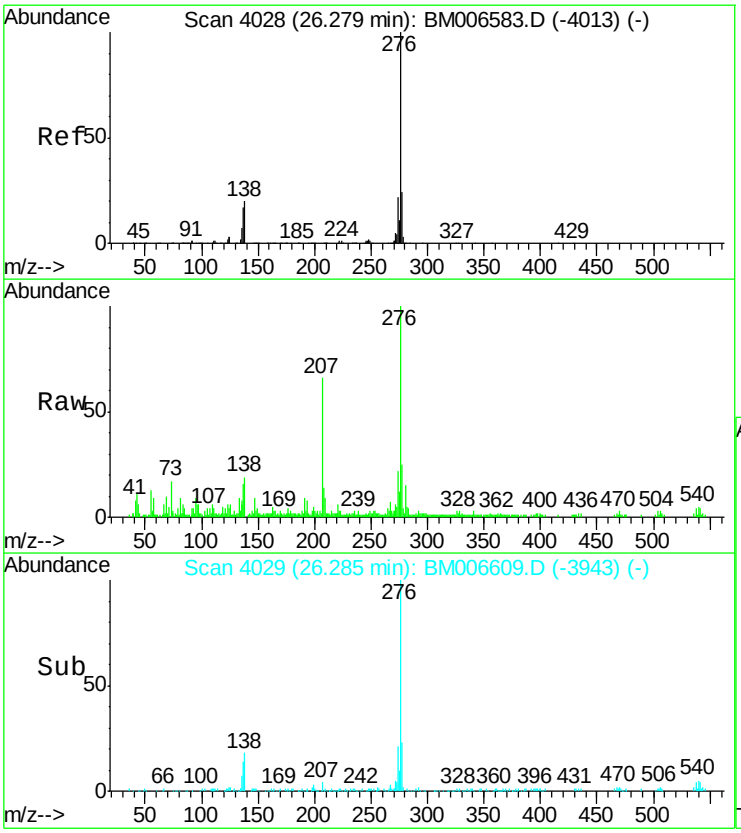
#39
Indeno(1,2,3-cd)pyrene
Concen: 2.45 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. 0.00 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Instrument :
BNA_M
ClientSampleId :
D9YT6

Tgt Ion:276 Resp: 172927

Ion	Ratio	Lower	Upper
276	100		
138	19.5	15.8	23.6
277	25.0	19.0	28.6





#41
Benzo(g,h,i)perylene
Concen: 2.64 ng/ul
RT: 26.29 min Scan# 4029
Delta R.T. 0.01 min
Lab File: BM006609.D
Acq: 22 Jul 2016 04:55

Tgt Ion:276 Resp: 159816

Ion	Ratio	Lower	Upper
276	100		
138	18.9	13.9	20.9
277	24.8	19.8	29.6