Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006062.D
Acq On : 27 Jun 2016 04:46
Operator : UM/SJ
Sample : H3669-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y57

Quant Time: Jun 27 05:22:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	314084	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1507860	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	879640	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1961254	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1547718	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1339937	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	16162	2.30	ng/uL	0.00
3) Phenol-d5	6.83	99	796064	24.09	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	469461	25.54	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	606265	26.35	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	511313	18.33	ng/ul	0.00
8) Nitrobenzene-d5	8.82	128	311830	27.16	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	344445	26.97	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	647353	26.42	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	490123	18.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1965216	26.10	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	2502338	28.65	ng/ul	0.01
20) 4-Nitrophenol-d4	14.52	143	345984	21.54	ng/ul	0.01
21) Fluorene-d10	15.31	176	1734311	26.97	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.43	200	140886	12.94	ng/ul	0.01
26) Anthracene-d10	17.16	188	2608239	28.95	ng/ul	0.00
30) Pyrene-d10	19.46	212	2681106	39.55	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.33	264	1805940	29.85	ng/ul	0.01
Target Compounds						Qvalue
25) Phenanthrene	17.10	178	132493	1.26	ng/ul	97
28) Fluoranthene	19.12	202	490265	3.63	ng/ul	99
31) Pyrene	19.49	202	466448	5.26	ng/ul	99
32) Benzo(a)anthracene	21.24	228	208836	2.27	ng/ul	95
33) Chrysene	21.29	228	283926	3.38	ng/ul	97
35) Benzo(b)fluoranthene	22.81	252	384768	4.94	ng/ul#	94
36) Benzo(k)fluoranthene	22.81	252	384768	5.31	ng/ul#	94
38) Benzo(a)pyrene	23.37	252	199260	2.67	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.69	276	162486	1.83	ng/ul	95
41) Benzo(g,h,i)perylene	26.37	276	161691	2.10	ng/ul	95

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

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Misc :
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Instrument :
BNA_M
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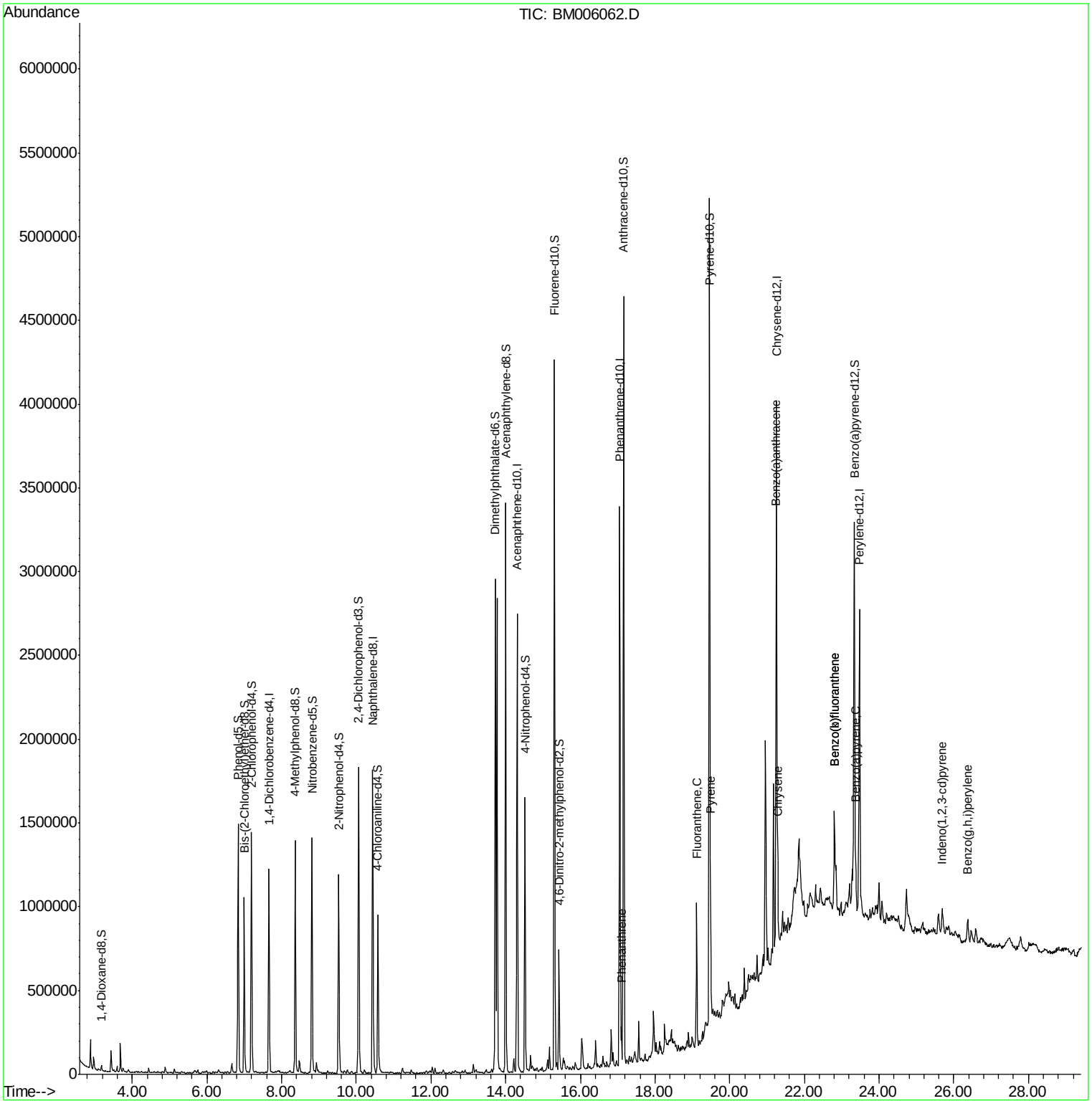
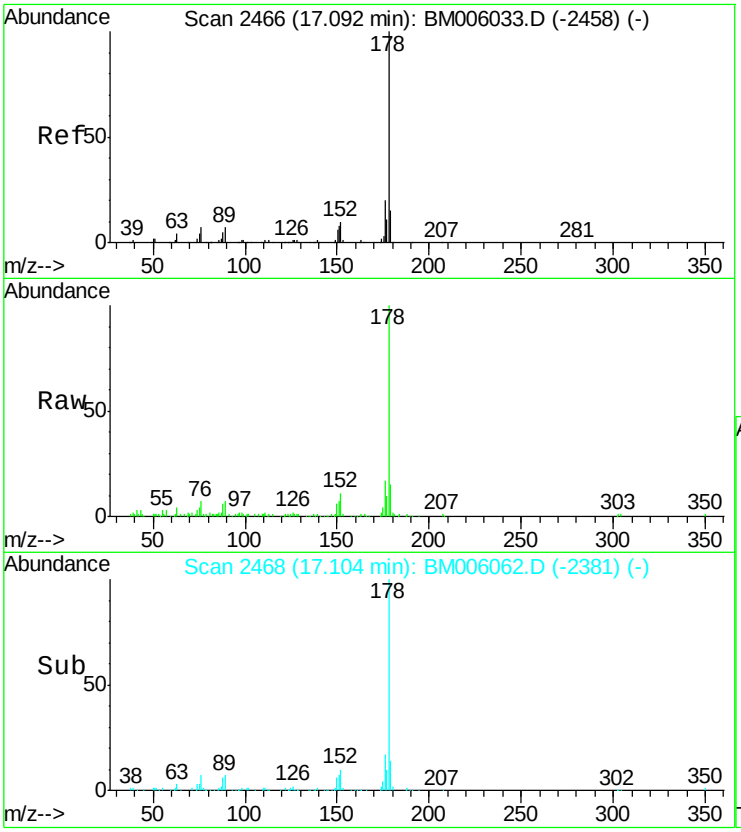


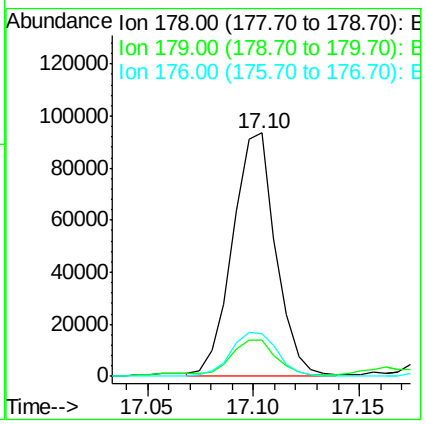


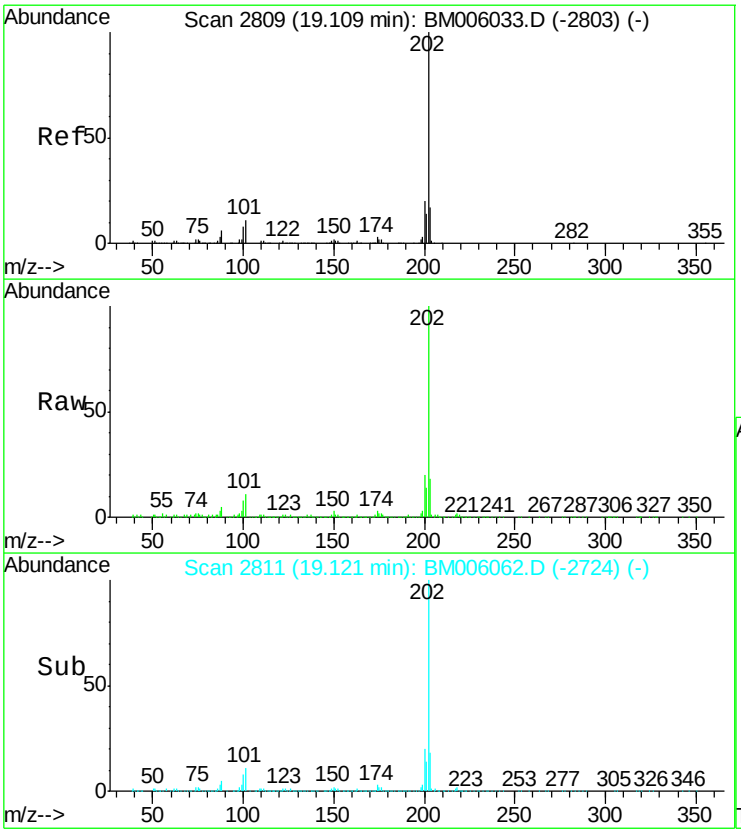
#25
Phenanthrene
Concen: 1.26 ng/ul
RT: 17.10 min Scan# 2468
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Instrument :
BNA_M
ClientSampleId :
D9Y57

Tgt Ion:178 Resp: 132493

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.1	18.1
176	17.4	15.4	23.0

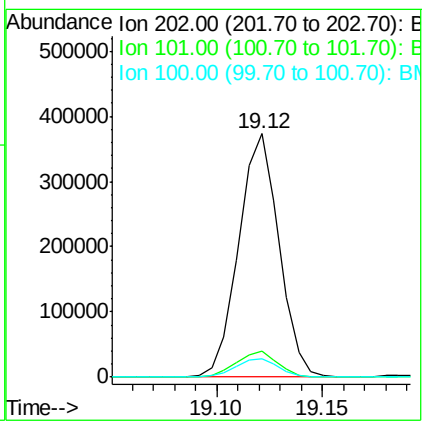


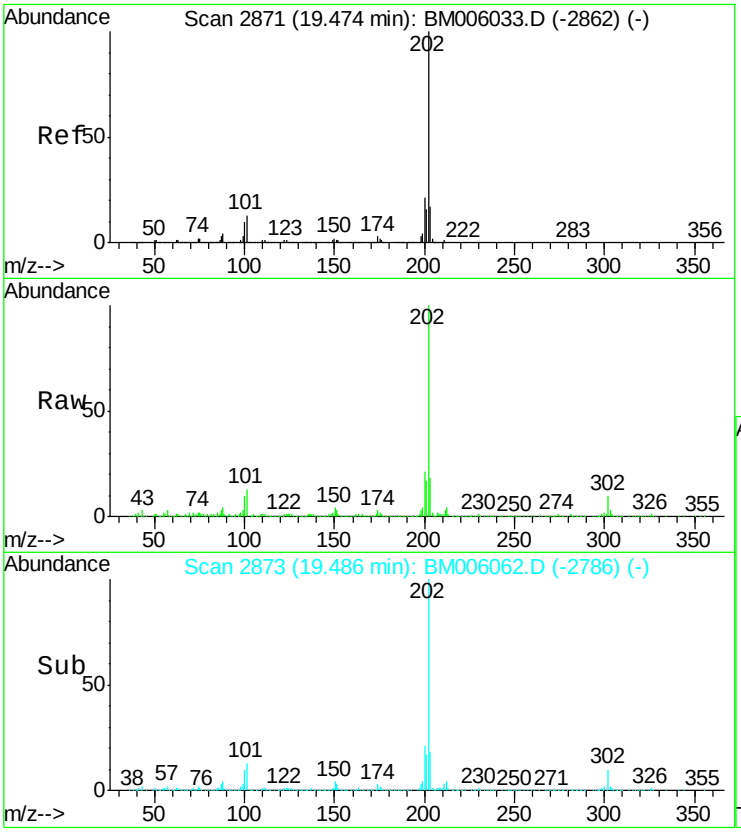


#28
Fluoranthene
Concen: 3.63 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Tgt Ion:202 Resp: 490265

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.2	12.4
100	7.8	6.3	9.5



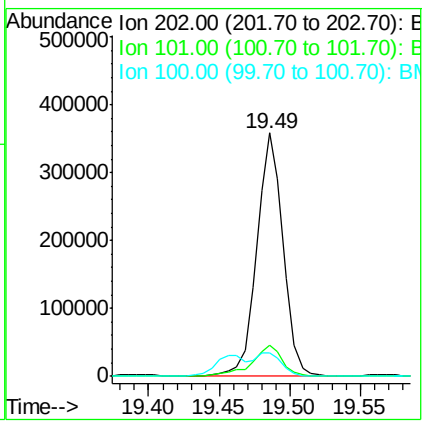


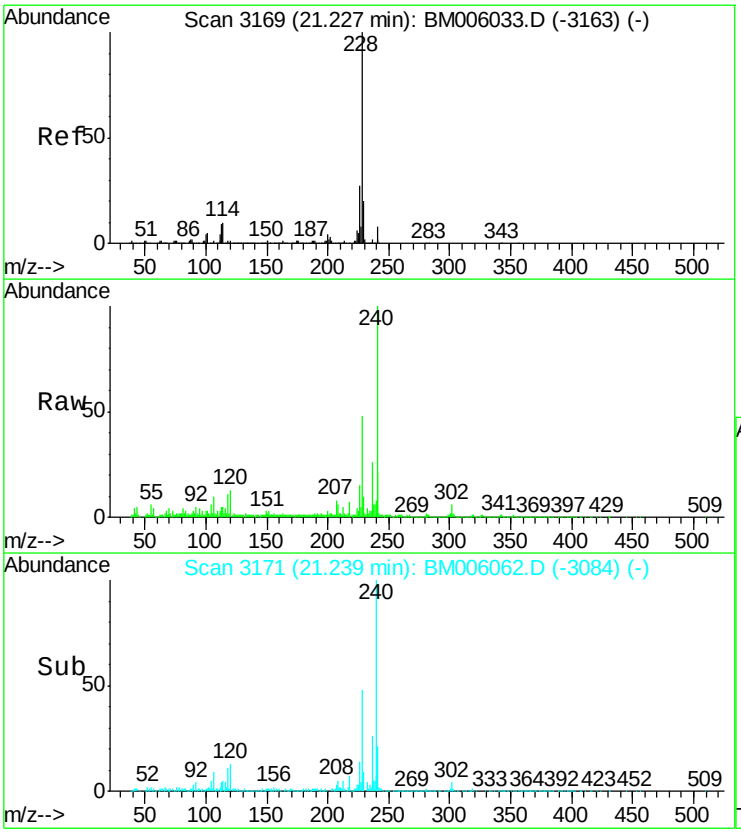
#31
Pyrene
Concen: 5.26 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Instrument :
BNA_M
ClientSampleId :
D9Y57

Tgt Ion:202 Resp: 466448

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.6
100	9.8	8.2	12.2

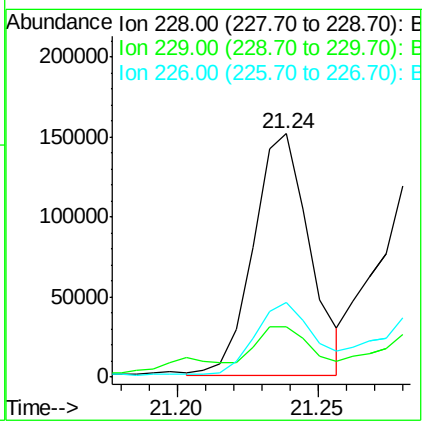


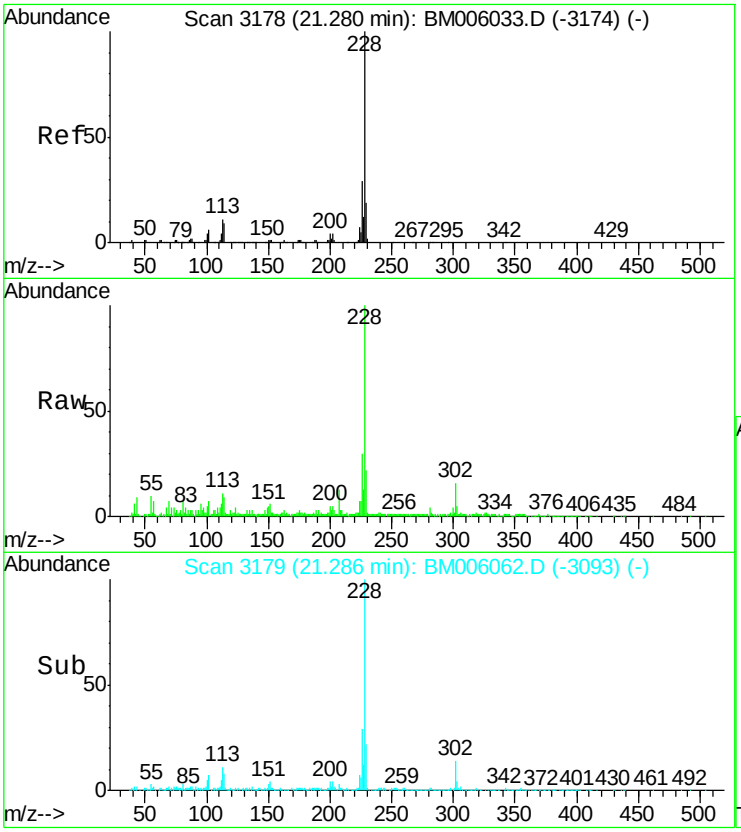


#32
Benzo(a)anthracene
Concen: 2.27 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Tgt Ion:228 Resp: 208836

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	30.4	21.5	32.3



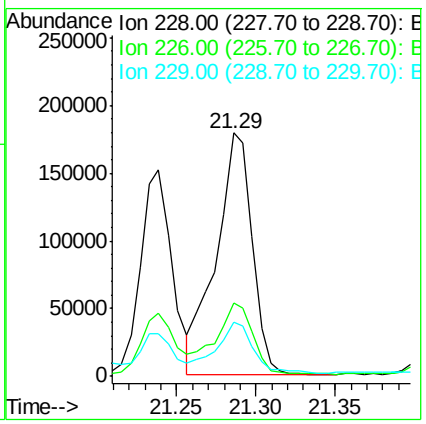


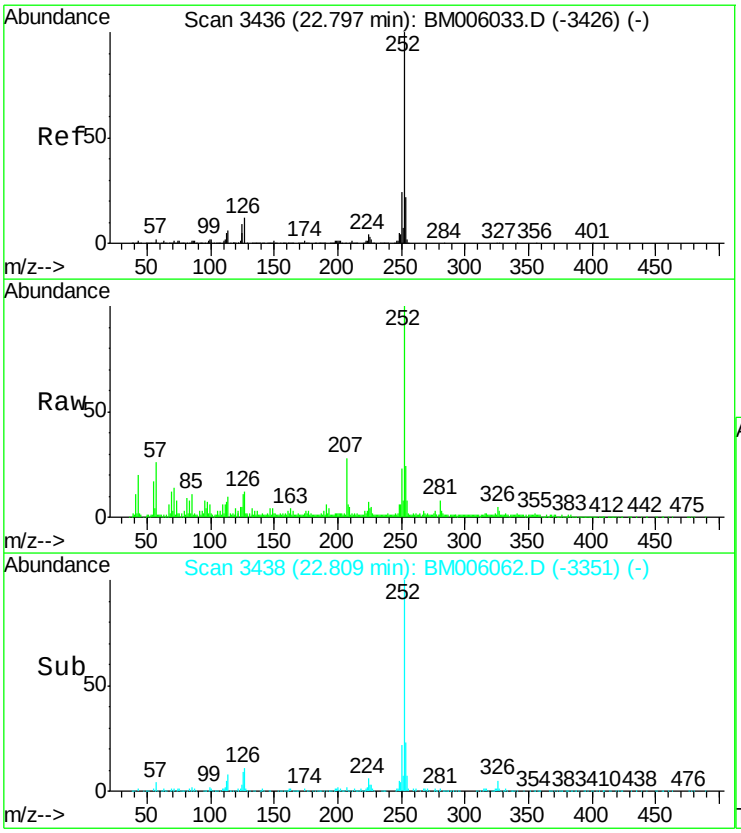
#33
Chrysene
Concen: 3.38 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Instrument :
BNA_M
ClientSampleId :
D9Y57

Tgt Ion:228 Resp: 283926

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	22.4	15.4	23.2

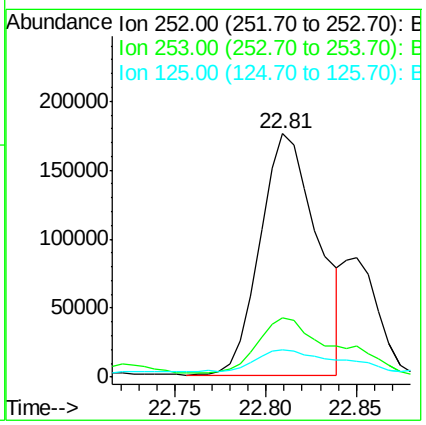


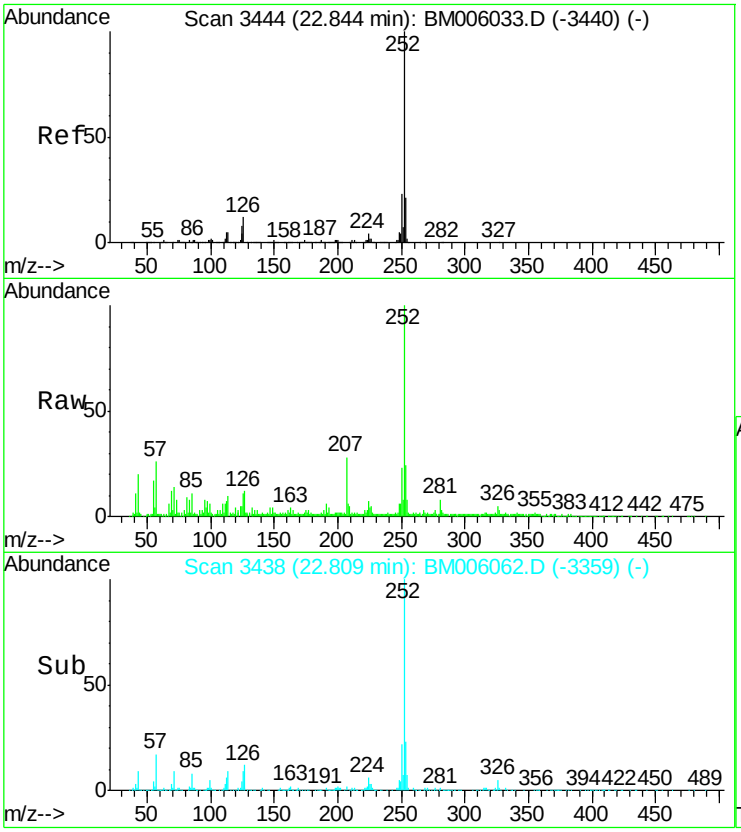


#35
Benzo(b)fluoranthene
Concen: 4.94 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Tgt Ion:252 Resp: 384768

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	11.4	6.8	10.2#



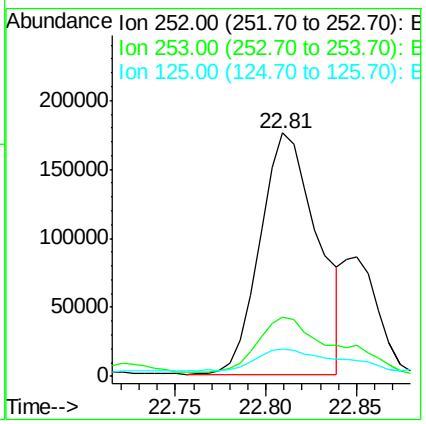


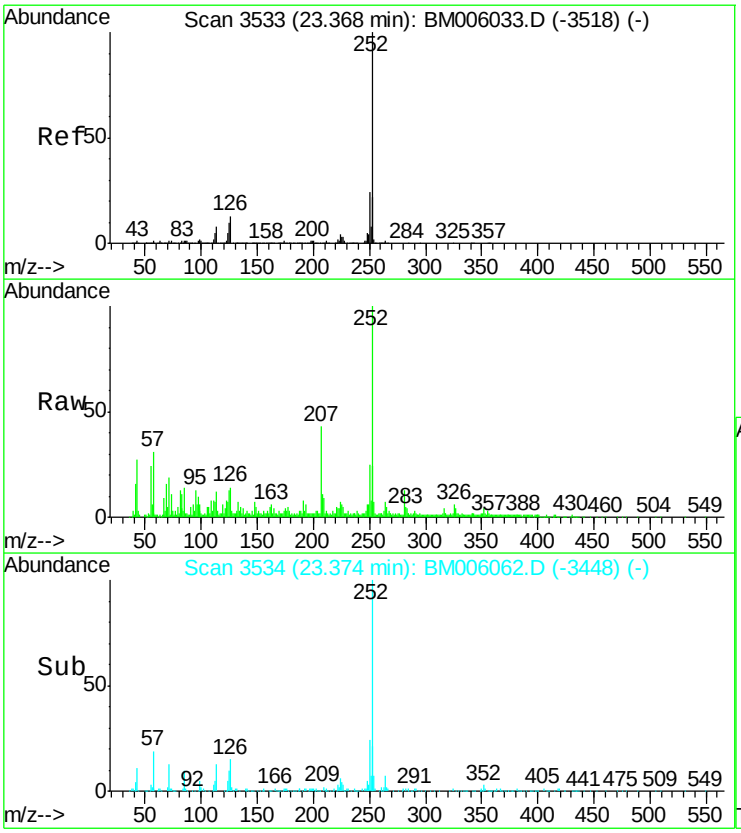
#36
Benzo(k)fluoranthene
Concen: 5.31 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.04 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Instrument :
BNA_M
ClientSampleId :
D9Y57

Tgt Ion:252 Resp: 384768

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.3	25.9
125	11.4	7.0	10.4#

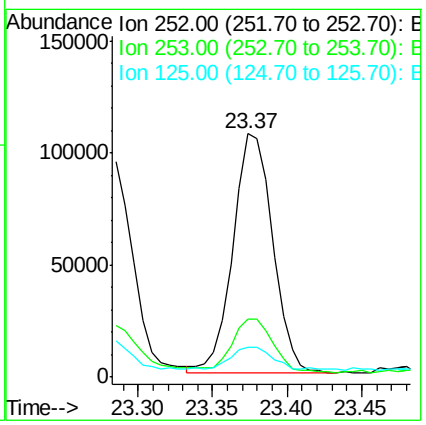


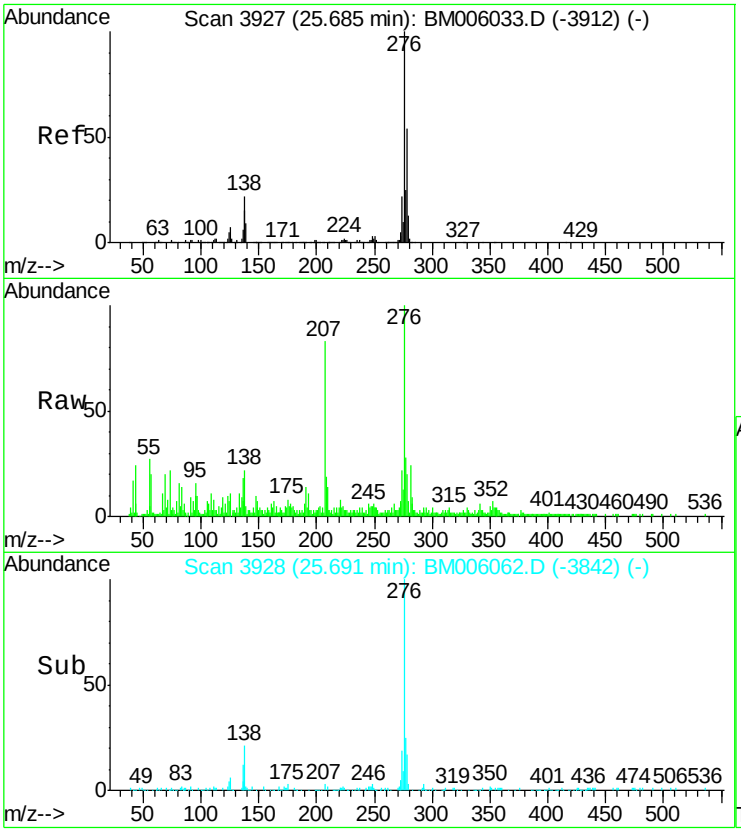


#38
Benzo(a)pyrene
Concen: 2.67 ng/ul
RT: 23.37 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Tgt Ion:252 Resp: 199260

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	12.5	7.8	11.6#



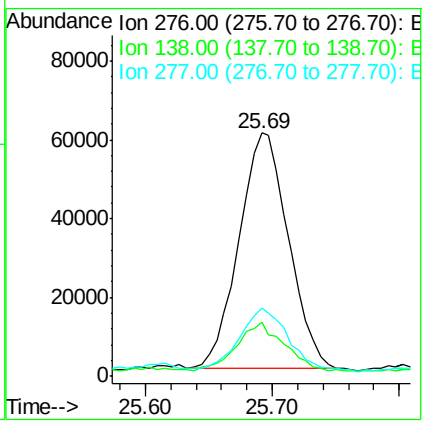


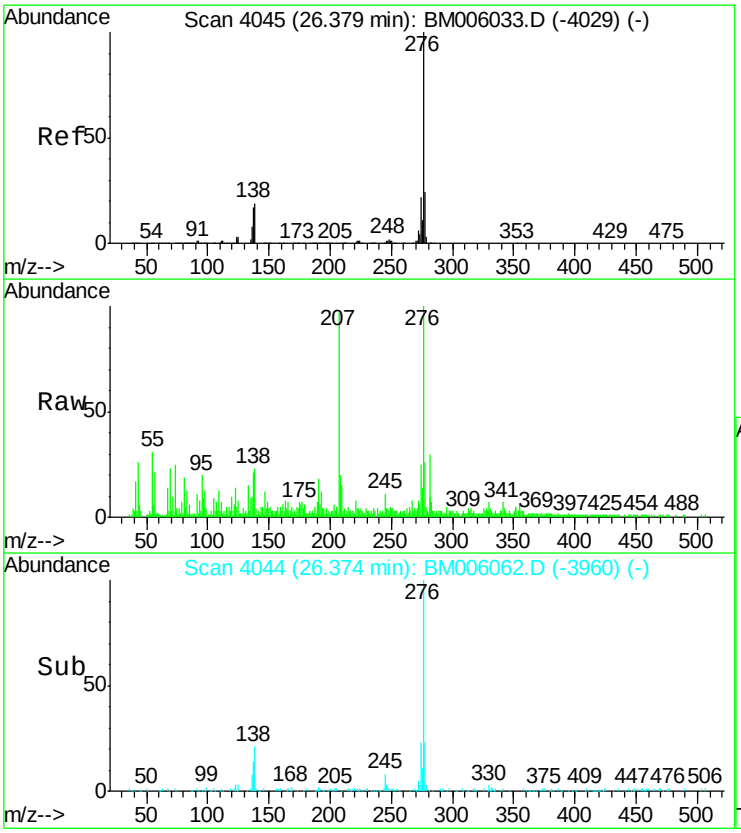
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.83 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. 0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Instrument :
BNA_M
ClientSampleId :
D9Y57

Tgt Ion:276 Resp: 162486

Ion	Ratio	Lower	Upper
276	100		
138	22.4	16.6	25.0
277	28.0	19.6	29.4





#41
Benzo(g,h,i)perylene
Concen: 2.10 ng/ul
RT: 26.37 min Scan# 4044
Delta R.T. -0.01 min
Lab File: BM006062.D
Acq: 27 Jun 2016 04:46

Tgt Ion:276 Resp: 161691

Ion	Ratio	Lower	Upper
276	100		
138	22.6	15.9	23.9
277	25.7	19.2	28.8