Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062716\
Data File : BM006066.D
Acq On : 27 Jun 2016 11:37
Operator : UM/SJ
Sample : H3669-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YN4

Quant Time: Jun 28 13:30:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 28 02:11:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	204541	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	982941	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	612308	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1454258	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1489708	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1341703	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	7551	1.65	ng/uL	0.00
3) Phenol-d5	6.83	99	468824	21.79	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	290769	24.29	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	358533	23.92	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	374301	20.61	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	192954	25.78	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	176123	21.15	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	392897	24.60	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	165266	9.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	935643	17.85	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1715323	28.21	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	164811	14.74	ng/ul	-0.01
21) Fluorene-d10	15.30	176	1234466	27.58	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	50712	6.28	ng/ul	-0.01
26) Anthracene-d10	17.16	188	2001514	29.96	ng/ul	0.00
30) Pyrene-d10	19.46	212	2247047	34.43	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.33	264	1804967	29.80	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	314351	6.40	ng/ul	99
14) 1-Methylnaphthalene	12.33	142	464980	12.29	ng/ul	99
18) Acenaphthylene	14.03	152	442090	6.90	ng/ul	99
22) Fluorene	15.36	166	1063260	21.68	ng/ul	100
27) Anthracene	17.19	178	851381	10.54	ng/ul	99
32) Benzo(a)anthracene	21.24	228	1530665	17.30	ng/ul	100
35) Benzo(b)fluoranthene	22.81	252	1632069	20.94	ng/ul	99
36) Benzo(k)fluoranthene	22.85	252	746249	10.29	ng/ul	99

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

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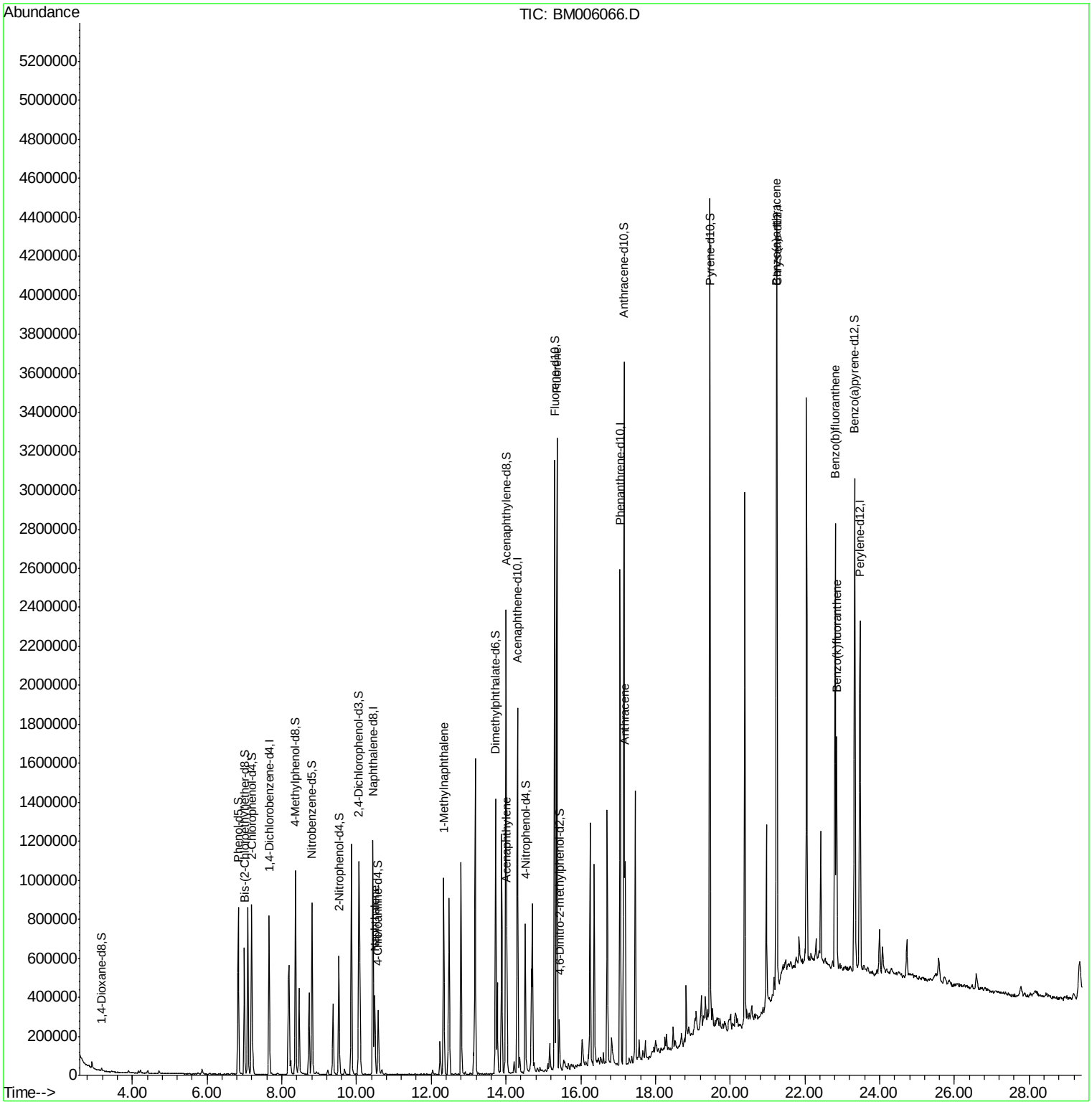
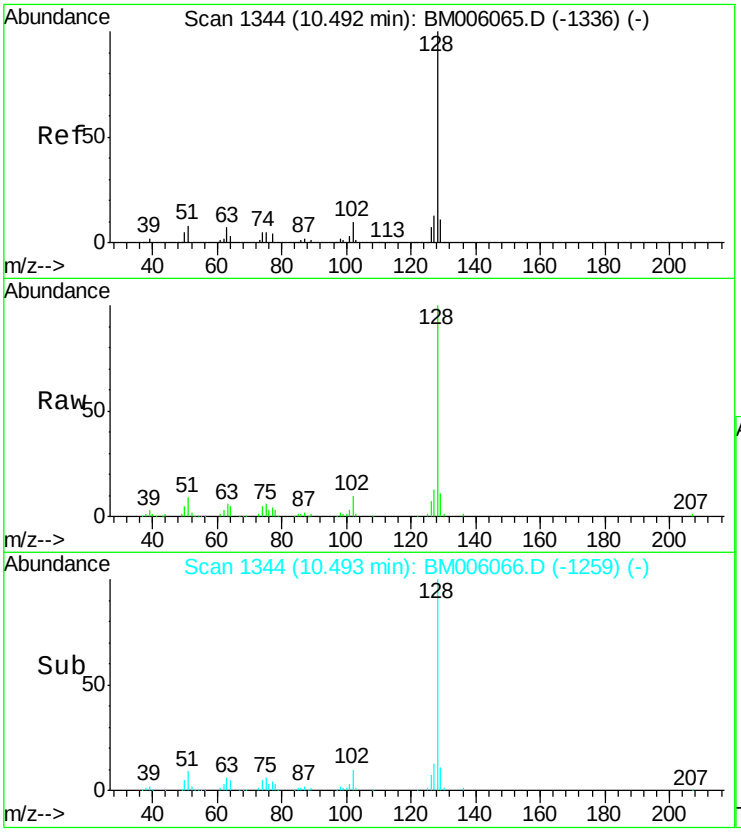


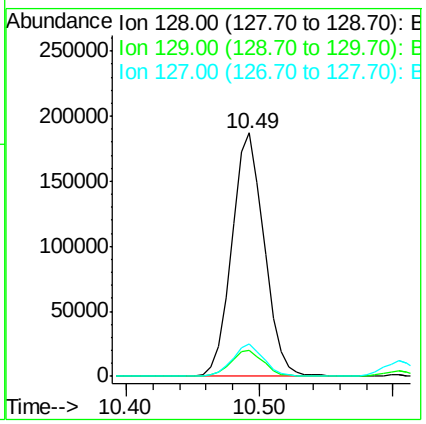


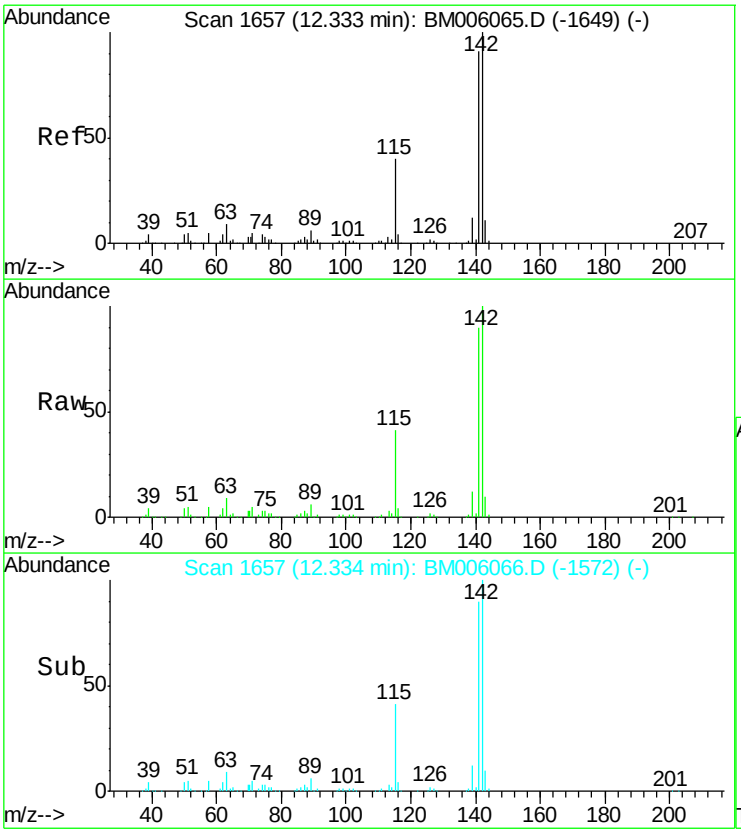
#11
Naphthalene
Concen: 6.40 ng/ul
RT: 10.49 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Instrument :
BNA_M
ClientSampleId :
D9YN4

Tgt Ion:128 Resp: 314351

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.1	10.5	15.7

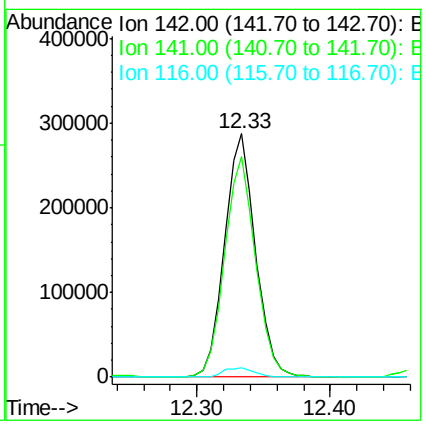


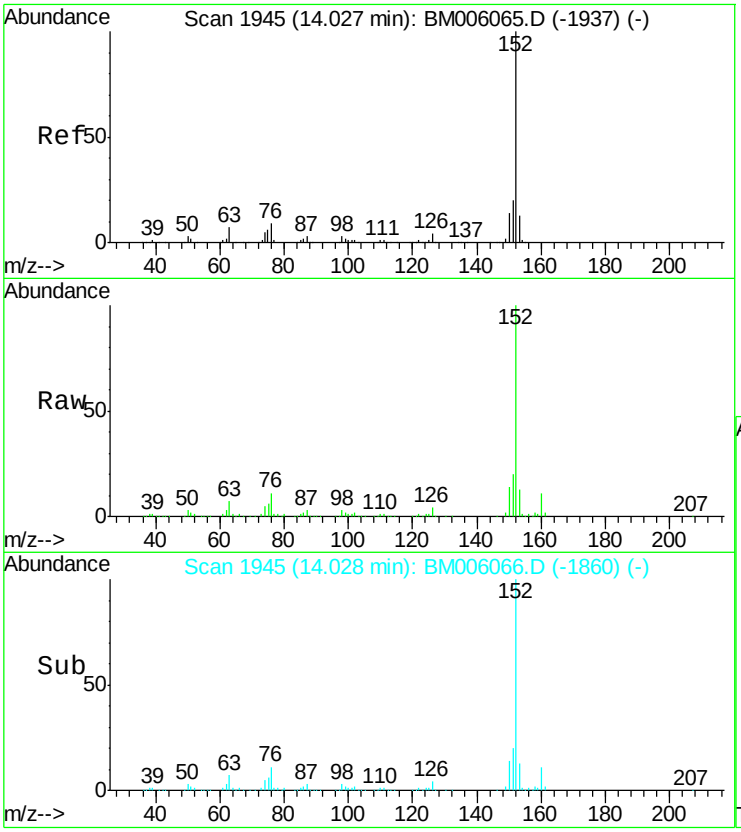


#14
1-Methylnaphthalene
Concen: 12.29 ng/ul
RT: 12.33 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Tgt Ion:142 Resp: 464980

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.4
116	4.1	3.0	4.6



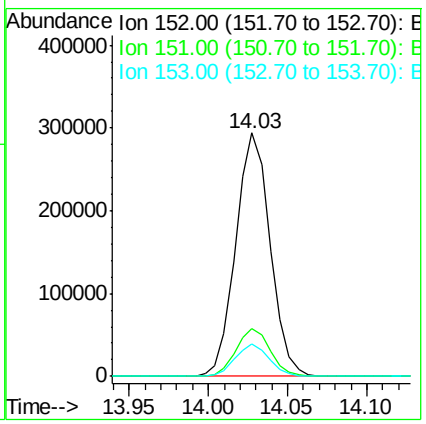


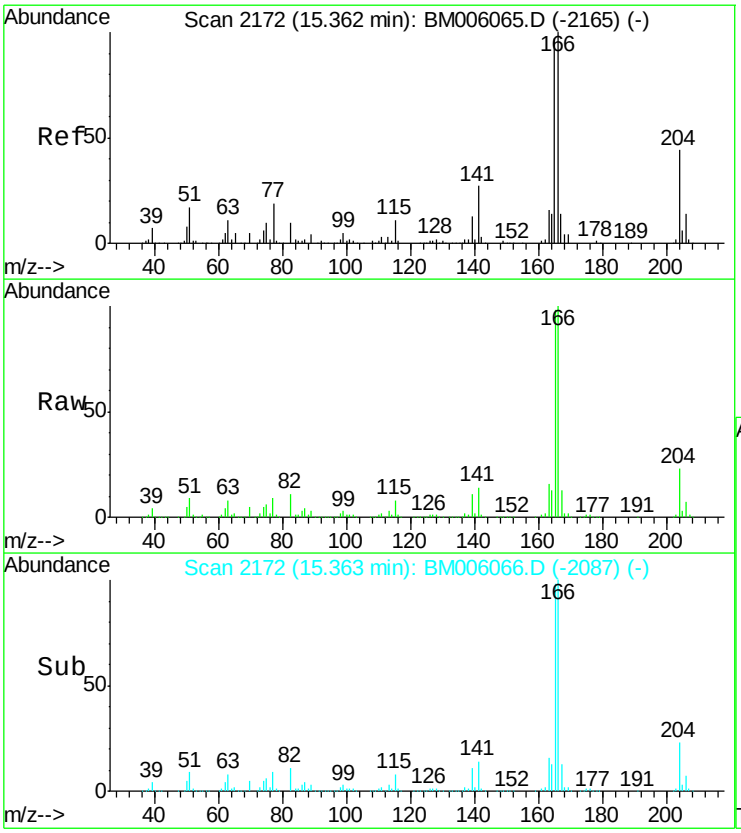
#18
Acenaphthylene
Concen: 6.90 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Instrument :
BNA_M
ClientSampleId :
D9YN4

Tgt Ion:152 Resp: 442090

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.2	10.3	15.5

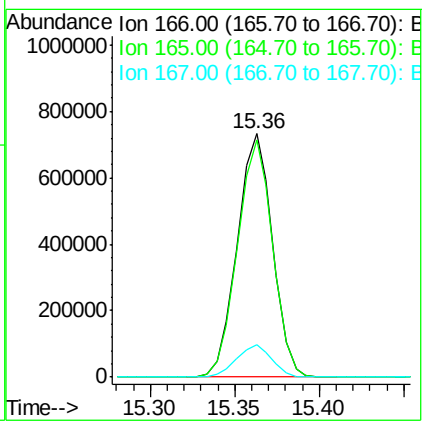


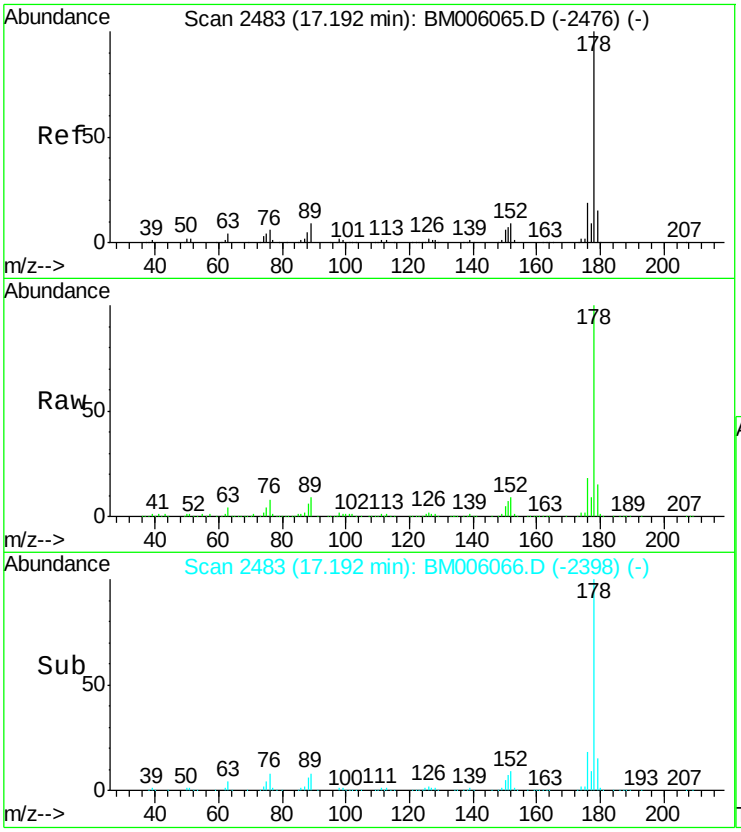


#22
Fluorene
Concen: 21.68 ng/ul
RT: 15.36 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Tgt Ion:166 Resp: 1063260

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	13.3	10.6	16.0



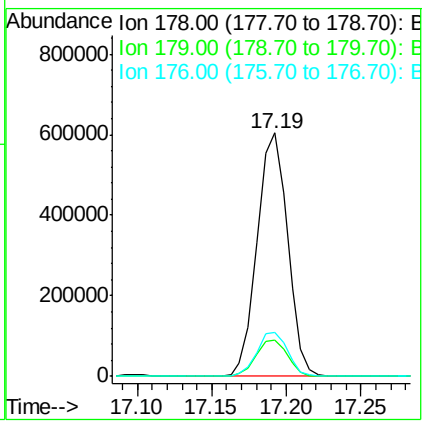


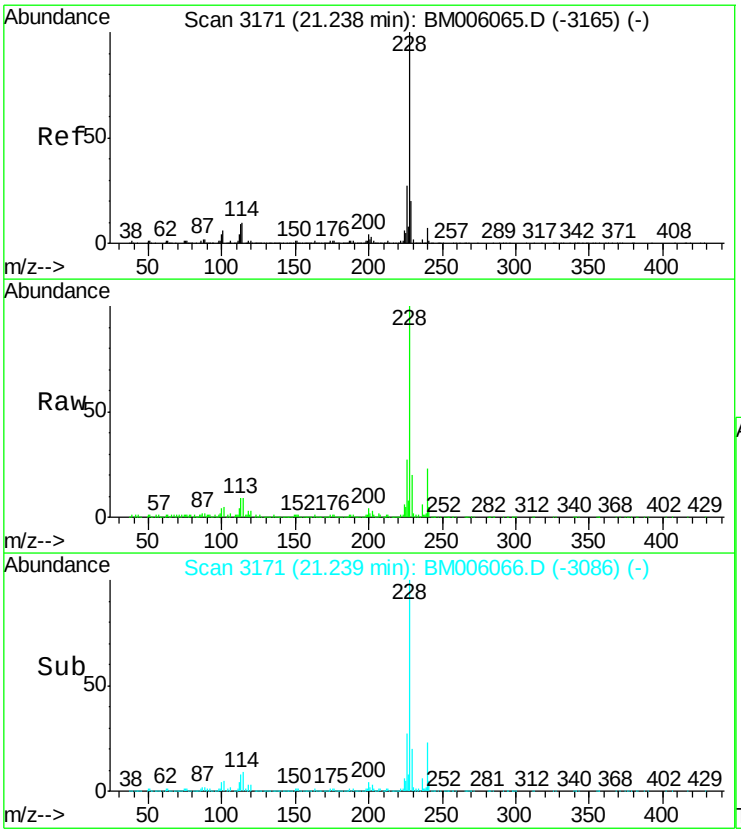
#27
Anthracene
Concen: 10.54 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.00 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Instrument :
BNA_M
ClientSampleId :
D9YN4

Tgt Ion:178 Resp: 851381

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.3	18.5
176	18.3	14.6	22.0

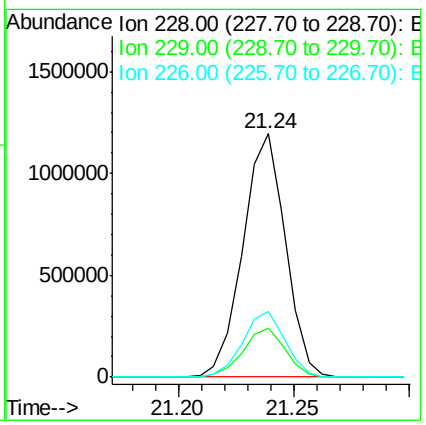


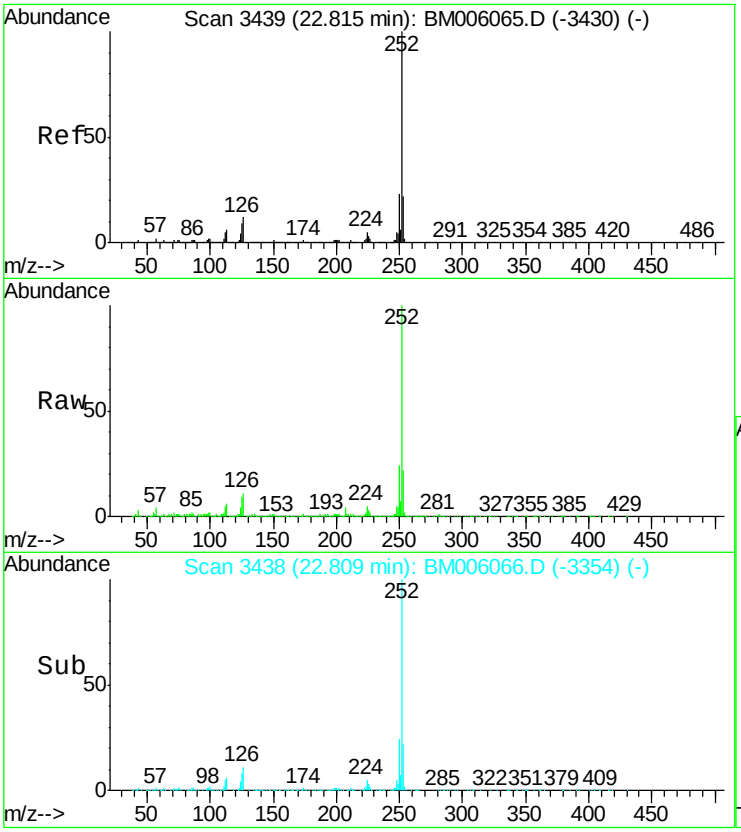


#32
Benzo(a)anthracene
Concen: 17.30 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.00 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Tgt Ion:228 Resp: 1530665

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	27.1	21.6	32.4



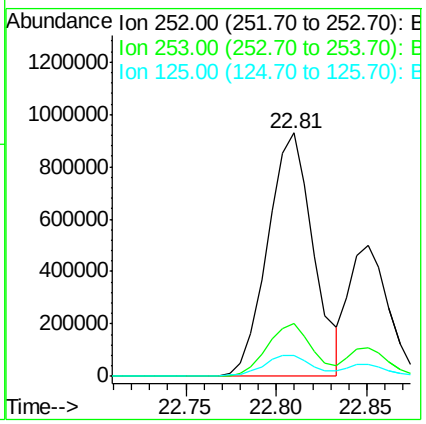


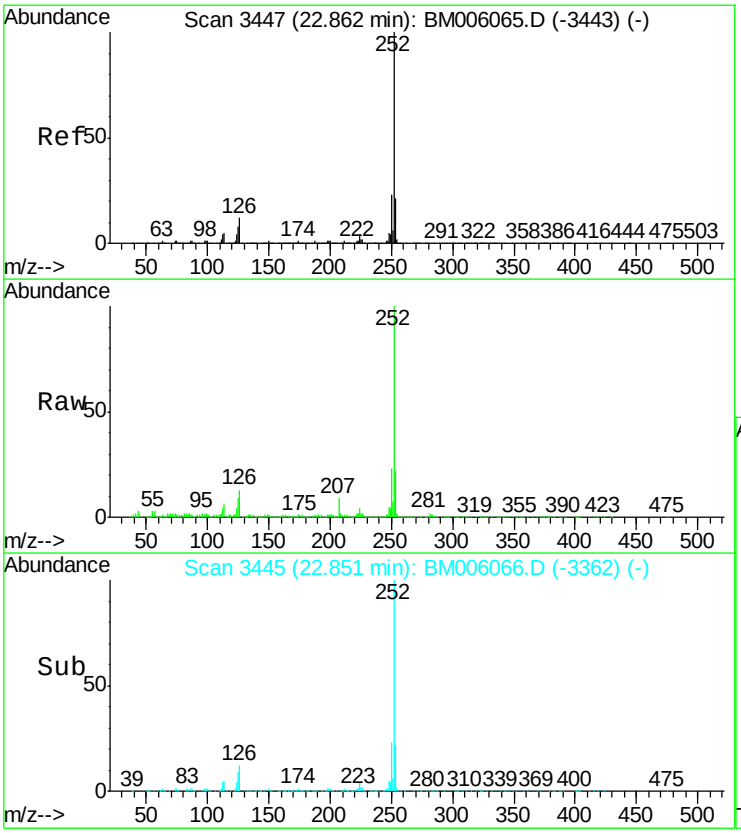
#35
Benzo(b)fluoranthene
Concen: 20.94 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. -0.01 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Instrument :
BNA_M
ClientSampleId :
D9YN4

Tgt Ion:252 Resp: 1632069

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	8.6	7.8	11.6





#36
Benzo(k)fluoranthene
Concen: 10.29 ng/ul
RT: 22.85 min Scan# 3445
Delta R.T. -0.01 min
Lab File: BM006066.D
Acq: 27 Jun 2016 11:37

Tgt Ion:252 Resp: 746249

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.3	8.1	12.1