Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006049.D
Acq On : 26 Jun 2016 21:00
Operator : UM/SJ
Sample : H3670-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y78

Quant Time: Jun 27 05:18:05 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	313101	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1505763	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	920090	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	2169262	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2102184	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1684671	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	9856	1.41	ng/uL	0.00
3) Phenol-d5	6.83	99	498497	15.13	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	293452	16.01	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	375953	16.39	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	358554	12.90	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	193043	16.84	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	211874	16.61	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	408306	16.69	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	316827	11.93	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1281187	16.27	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1646416	18.02	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	173670	10.34	ng/ul	0.00
21) Fluorene-d10	15.30	176	1170044	17.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	116514	9.68	ng/ul	0.00
26) Anthracene-d10	17.15	188	1805334	18.12	ng/ul	0.00
30) Pyrene-d10	19.45	212	2012574	21.86	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1387822	18.25	ng/ul	0.00
Target Compounds						Qvalue
28) Fluoranthene	19.12	202	261447	1.75	ng/ul	100
31) Pyrene	19.48	202	231500	1.92	ng/ul	99
32) Benzo(a)anthracene	21.23	228	143712	1.15	ng/ul	96
33) Chrysene	21.28	228	169255	1.48	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	206651	2.11	ng/ul#	94
36) Benzo(k)fluoranthene	22.80	252	206651	2.27	ng/ul#	94
38) Benzo(a)pyrene	23.36	252	116062	1.24	ng/ul#	91

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

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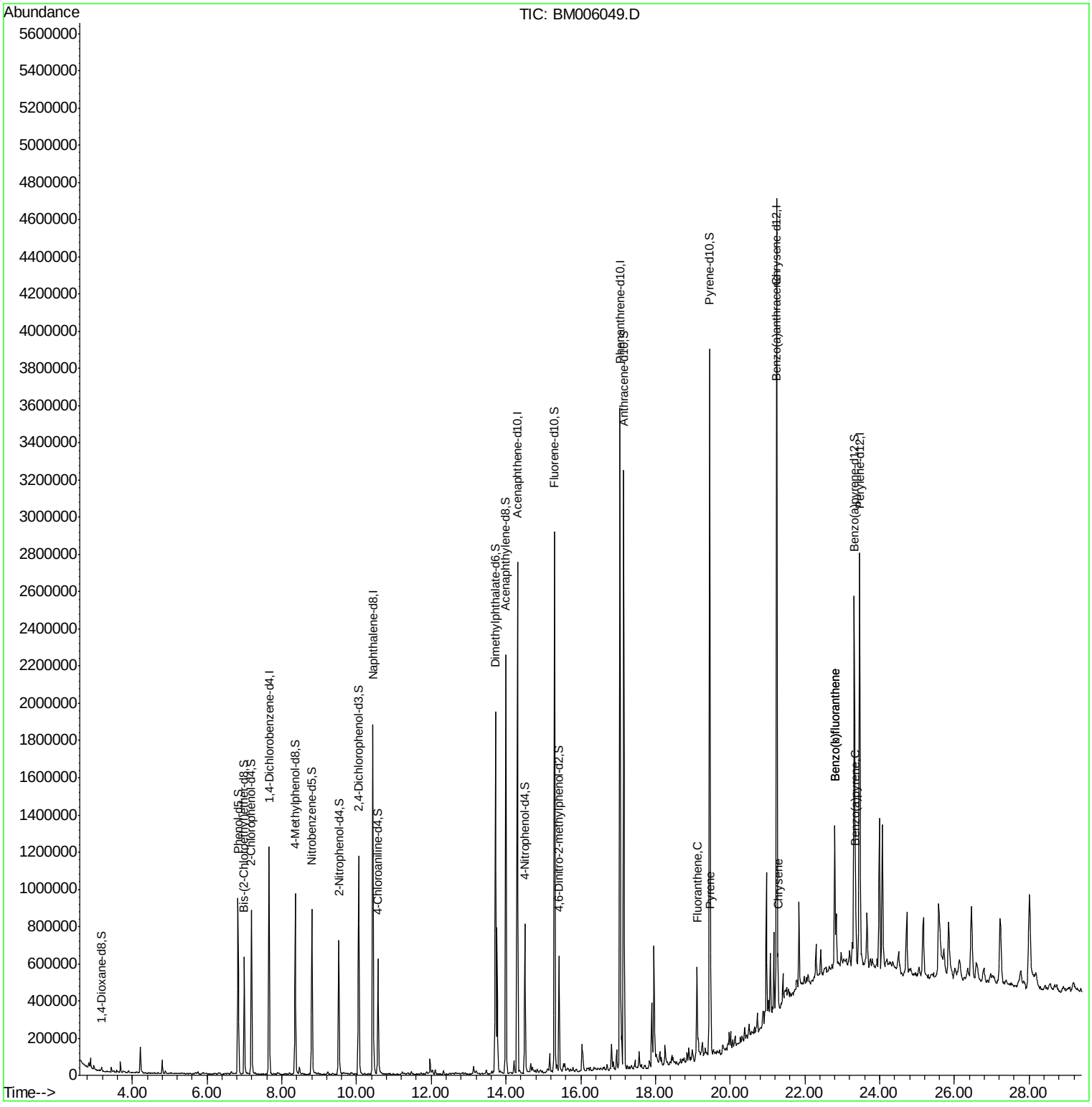
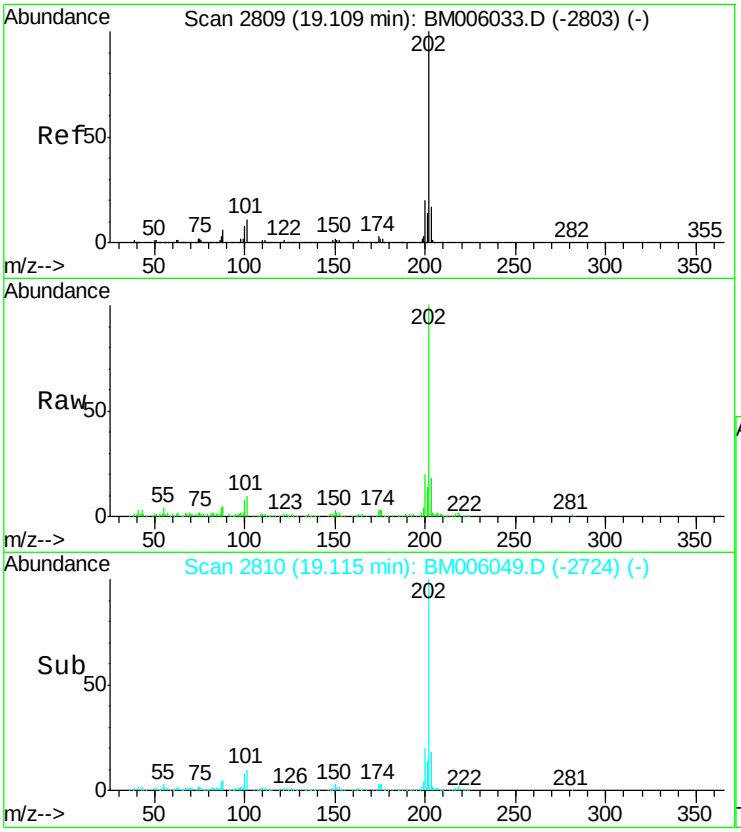


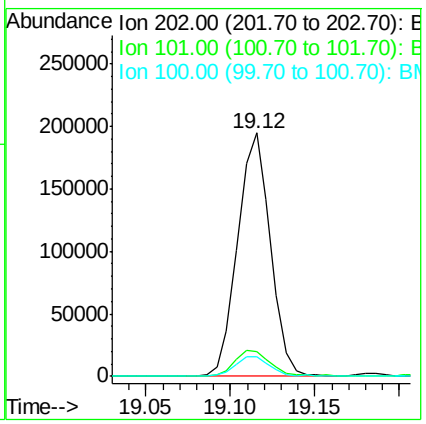


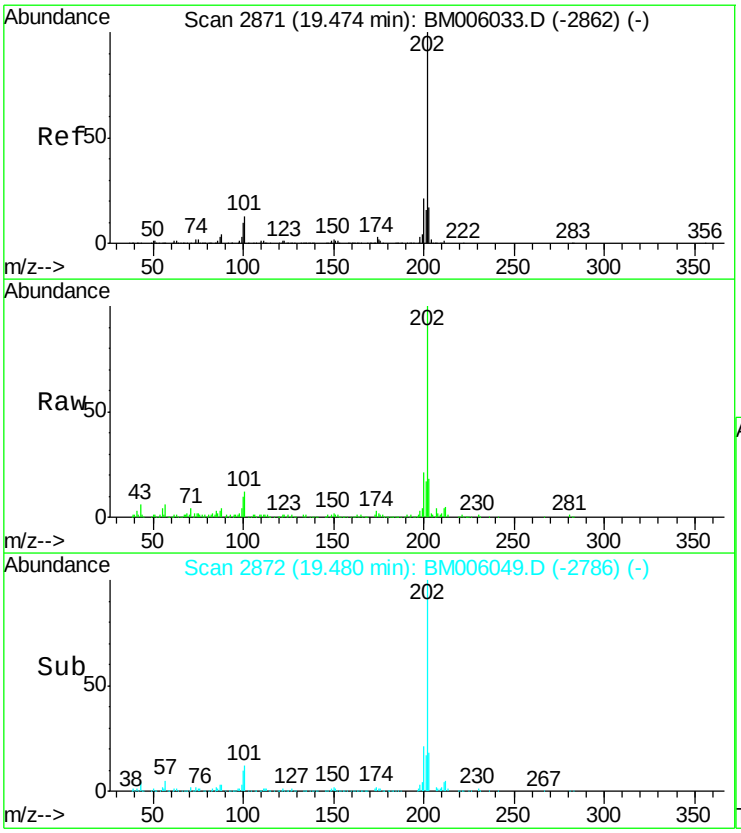
#28
Fluoranthene
Concen: 1.75 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006049.D
Acq: 26 Jun 2016 21:00

Instrument :
BNA_M
ClientSampleId :
D9Y78

Tgt Ion:202 Resp: 261447

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.2	12.4
100	8.2	6.3	9.5

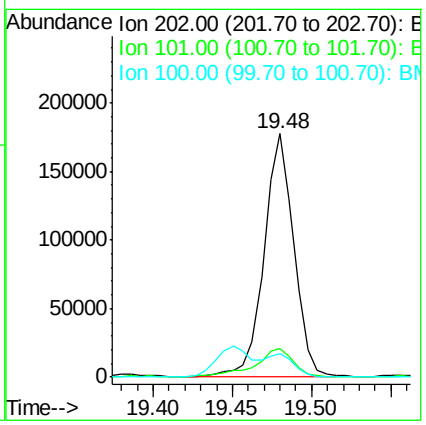


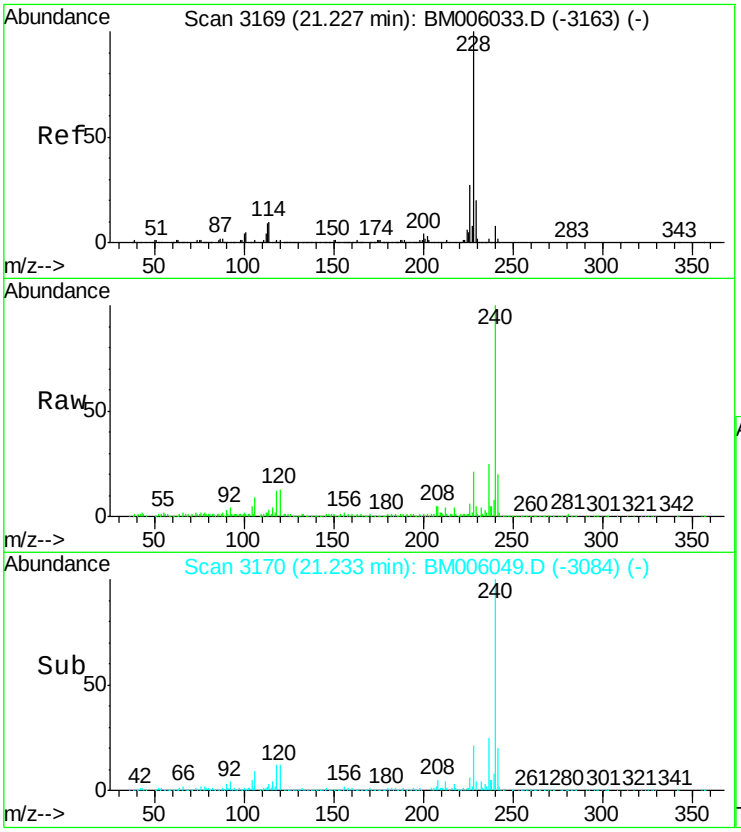


#31
Pyrene
Concen: 1.92 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.01 min
Lab File: BM006049.D
Acq: 26 Jun 2016 21:00

Tgt Ion:202 Resp: 231500

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.6
100	9.7	8.2	12.2



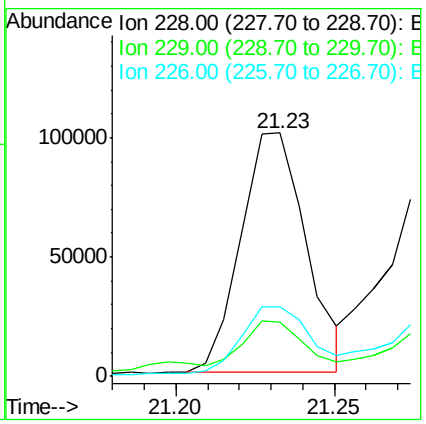


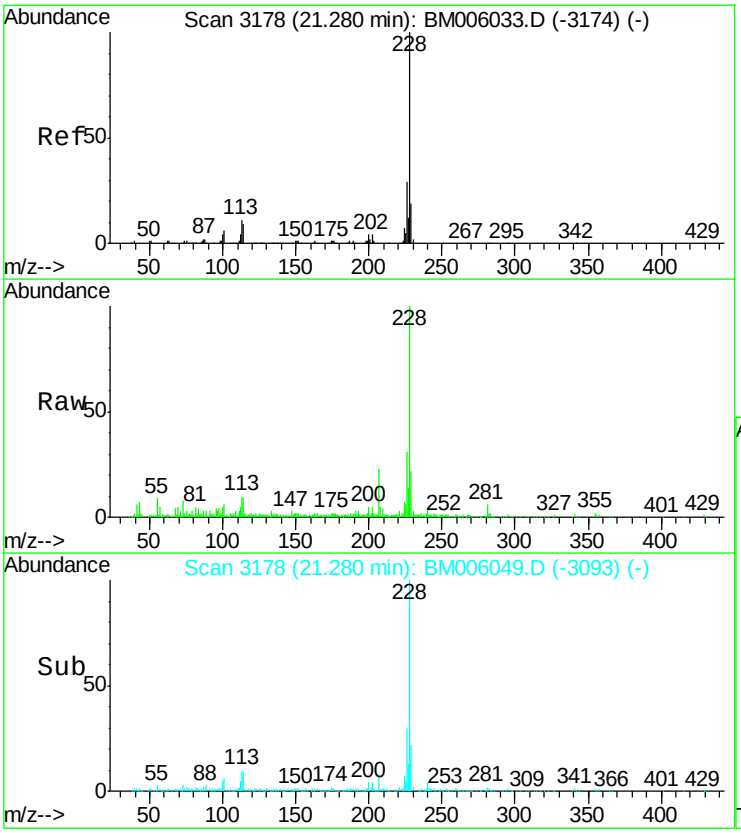
#32
Benzo(a)anthracene
Concen: 1.15 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006049.D
Acq: 26 Jun 2016 21:00

Instrument :
BNA_M
ClientSampleId :
D9Y78

Tgt Ion:228 Resp: 143712

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	28.7	21.5	32.3

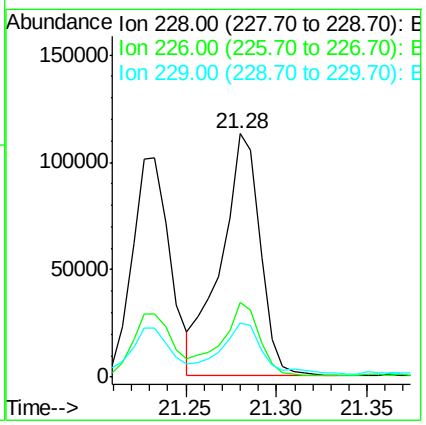


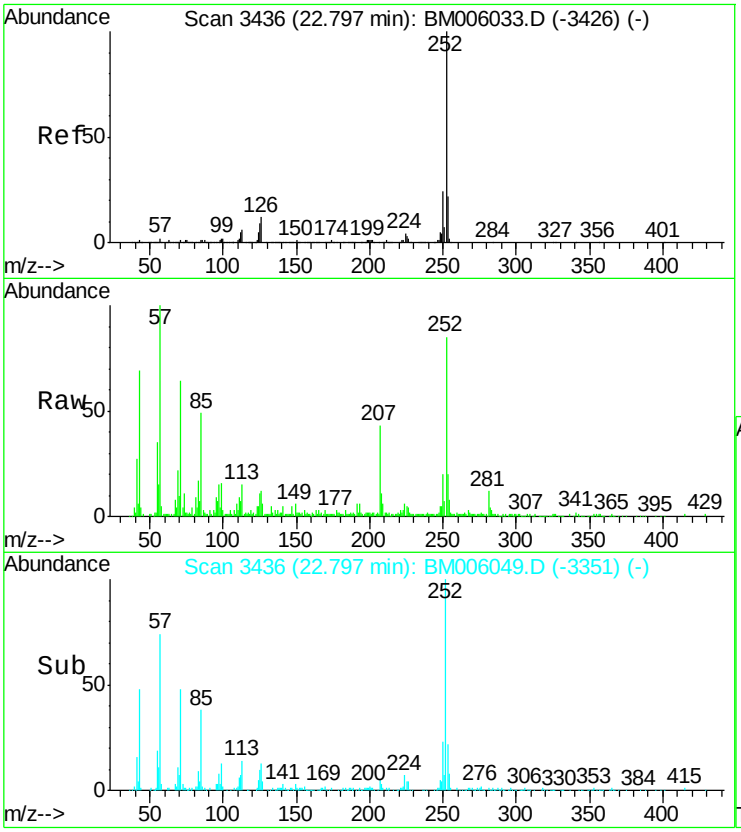


#33
Chrysene
Concen: 1.48 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BM006049.D
Acq: 26 Jun 2016 21:00

Tgt Ion:228 Resp: 169255

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.3	36.5
229	22.5	15.4	23.2



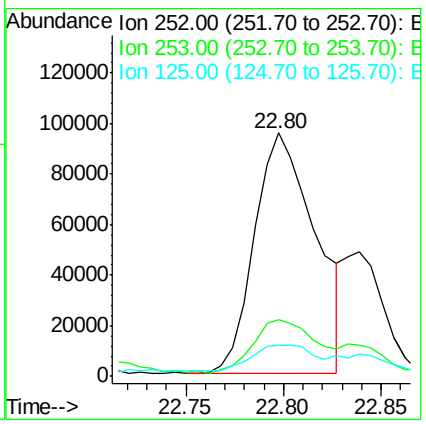


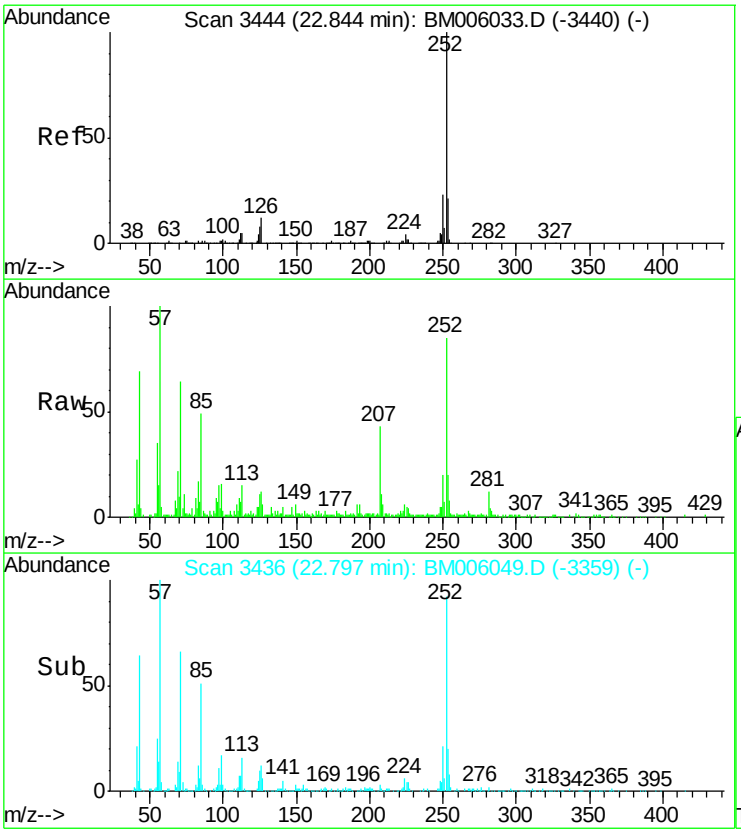
#35
Benzo(b)fluoranthene
Concen: 2.11 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006049.D
Acq: 26 Jun 2016 21:00

Instrument :
BNA_M
ClientSampleId :
D9Y78

Tgt Ion:252 Resp: 206651

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.9	6.8	10.2#

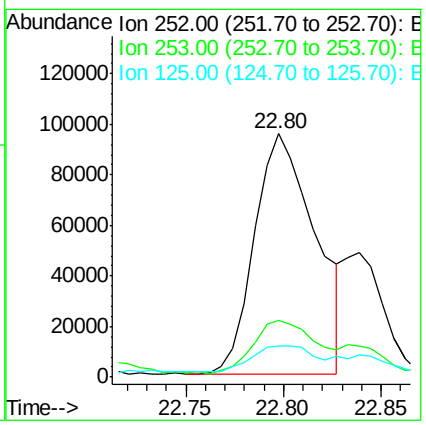


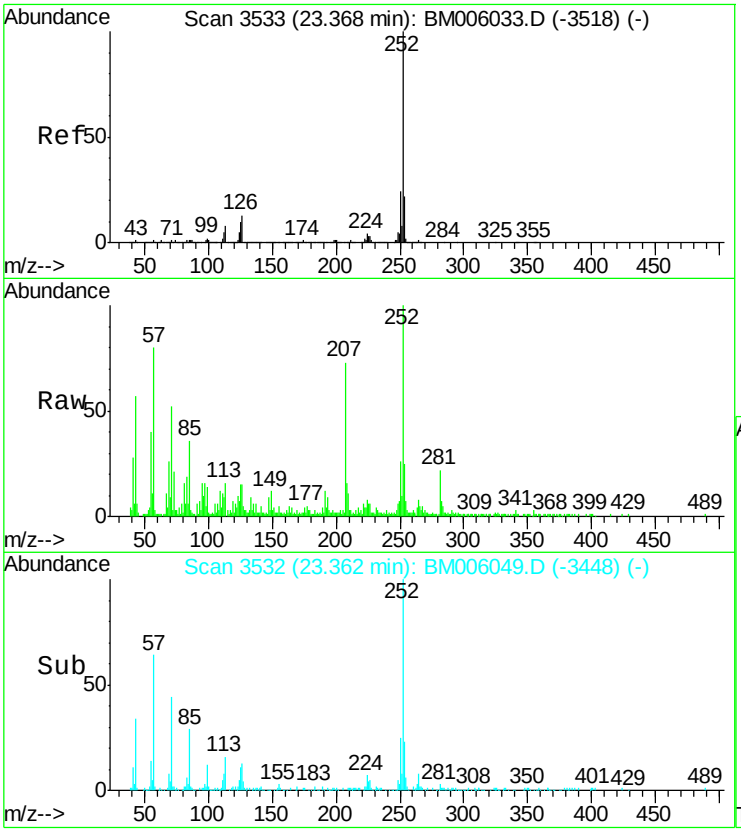


#36
Benzo(k)fluoranthene
Concen: 2.27 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.05 min
Lab File: BM006049.D
Acq: 26 Jun 2016 21:00

Tgt Ion:252 Resp: 206651

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	12.9	7.0	10.4#





#38
Benzo(a)pyrene
Concen: 1.24 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006049.D
Acq: 26 Jun 2016 21:00

Instrument :
BNA_M
ClientSampleId :
D9Y78

Tgt Ion:252 Resp: 116062

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.6	26.4
125	14.5	7.8	11.6#