Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005869.D
Acq On : 17 Jun 2016 19:59
Operator : UM/SJ
Sample : H3537-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y35

Quant Time: Jun 17 23:18:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	16945	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	76379	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.39	164	50490	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.13	188	123893	20.00	ng/ul	0.01
29) Chrysene-d12	21.32	240	134007	20.00	ng/ul	0.01
34) Perylene-d12	23.58	264	125425	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	250	1.91	ng/uL	0.00
3) Phenol-d5	6.93	99	23719	16.72	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.07	67	13054	17.75	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	22535	19.05	ng/ul	0.01
6) 4-Methylphenol-d8	8.47	113	18459	14.56	ng/ul	0.02
8) Nitrobenzene-d5	8.90	128	11169	20.72	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	12973	19.69	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.17	165	26184	20.12	ng/ul	0.02
12) 4-Chloroaniline-d4	10.67	131	45376	51.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	92485	19.36	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	112253	20.40	ng/ul	0.01
20) 4-Nitrophenol-d4	14.66	143	5875	10.21	ng/ul	0.04
21) Fluorene-d10	15.38	176	82243	20.21	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.54	200	4137	4.95	ng/ul	0.02
26) Anthracene-d10	17.23	188	131026	20.25	ng/ul	0.01
30) Pyrene-d10	19.53	212	155002	24.40	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.44	264	131798	21.02	ng/ul	0.02
Target Compounds						Qvalue
25) Phenanthrene	17.17	178	16428	2.23	ng/ul	98
28) Fluoranthene	19.19	202	41925	4.52	ng/ul	98
31) Pyrene	19.56	202	36089	4.56	ng/ul	99
32) Benzo(a)anthracene	21.30	228	19331	2.31	ng/ul#	93
33) Chrysene	21.36	228	18005	2.23	ng/ul#	89
35) Benzo(b)fluoranthene	22.90	252	25814	3.31	ng/ul#	87
36) Benzo(k)fluoranthene	22.90	252	25814	3.42	ng/ul#	88
38) Benzo(a)pyrene	23.49	252	16754	2.19	ng/ul#	84
39) Indeno(1,2,3-cd)pyrene	25.87	276	12877	1.37	ng/ul#	91
41) Benzo(g,h,i)perylene	26.58	276	12616	1.58	ng/ul#	87

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

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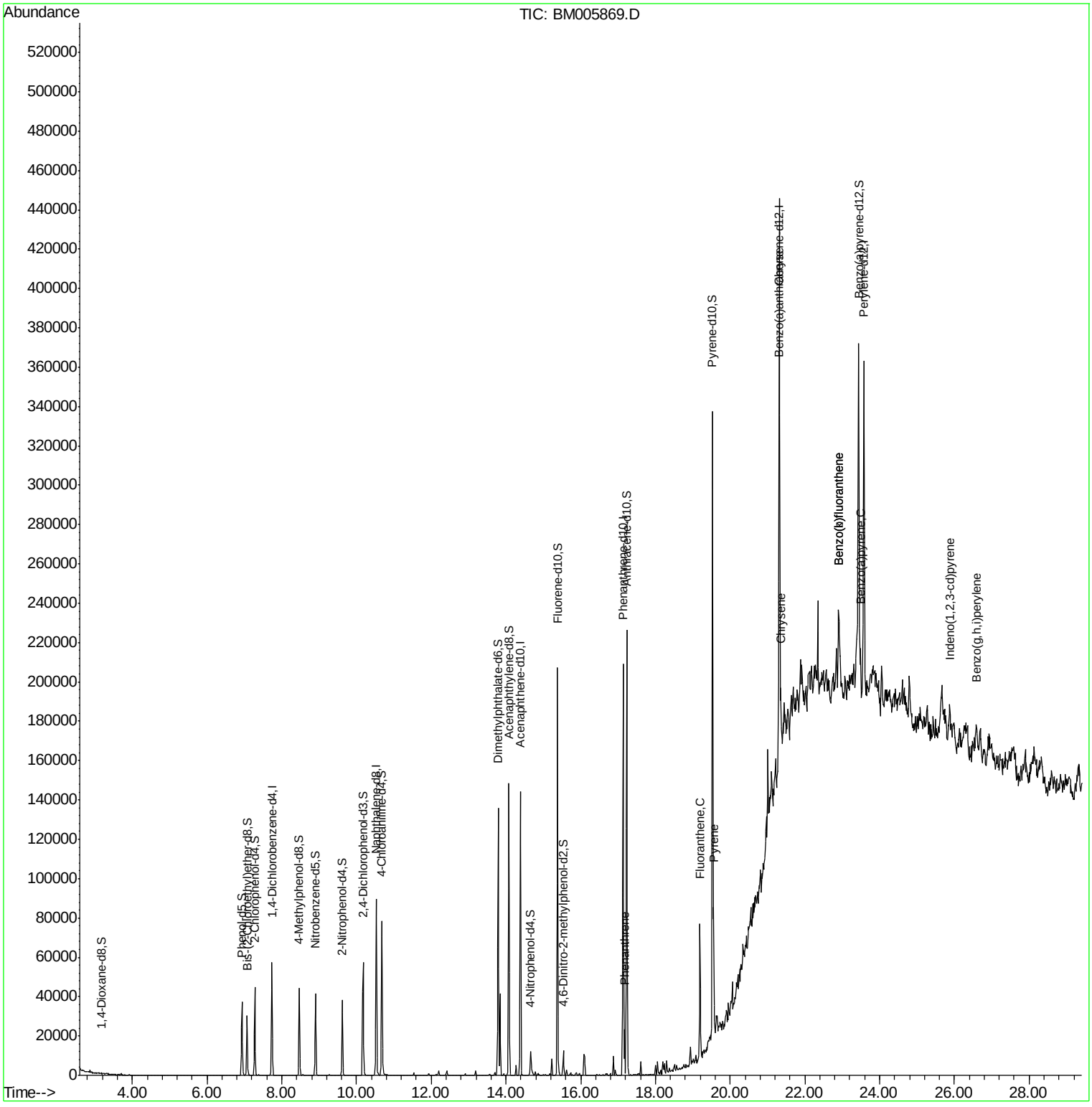
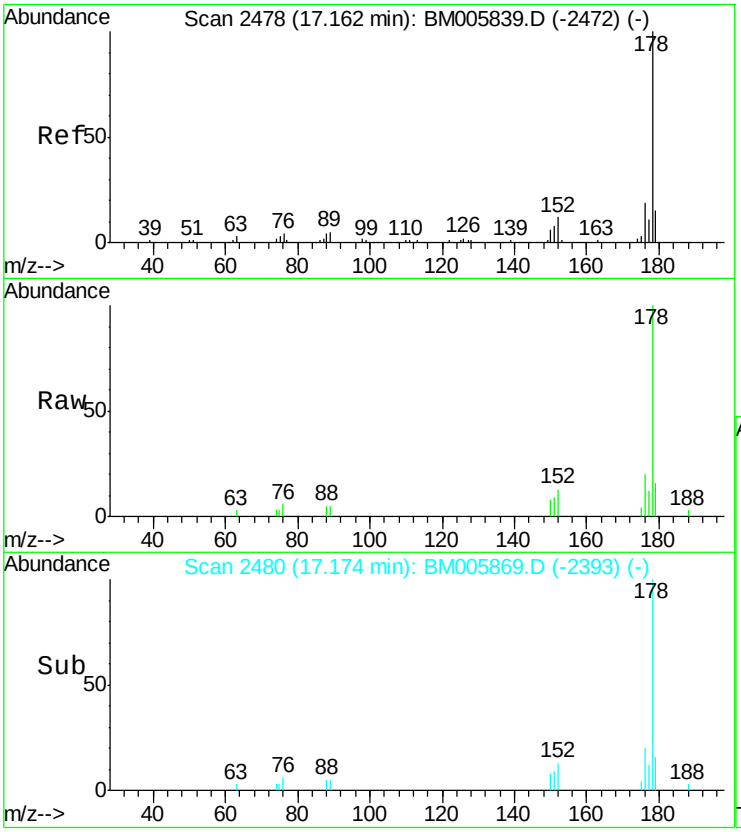


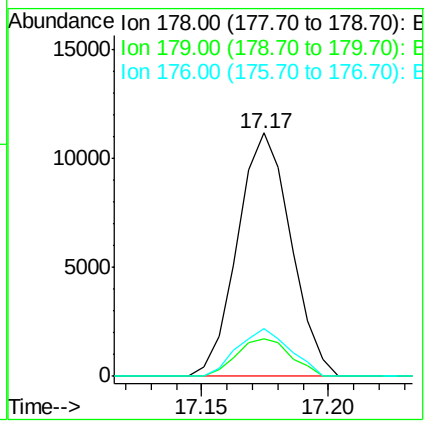


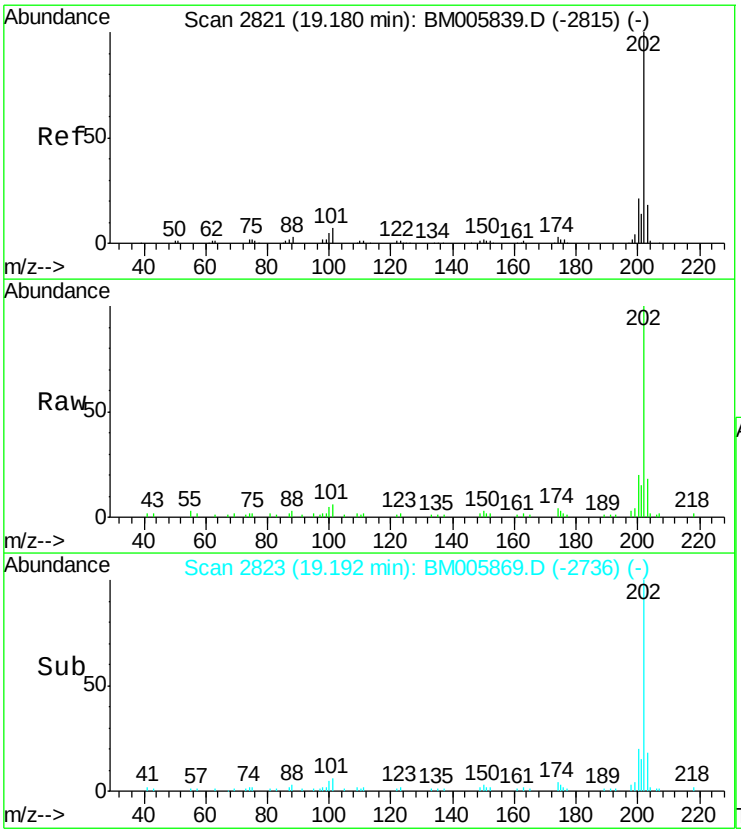
#25
Phenanthrene
Concen: 2.23 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Instrument :
BNA_M
ClientSampleId :
D9Y35

Tgt Ion:178 Resp: 16428

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.0	18.0
176	19.6	14.9	22.3

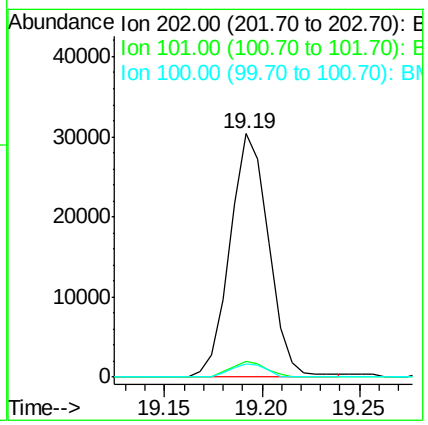


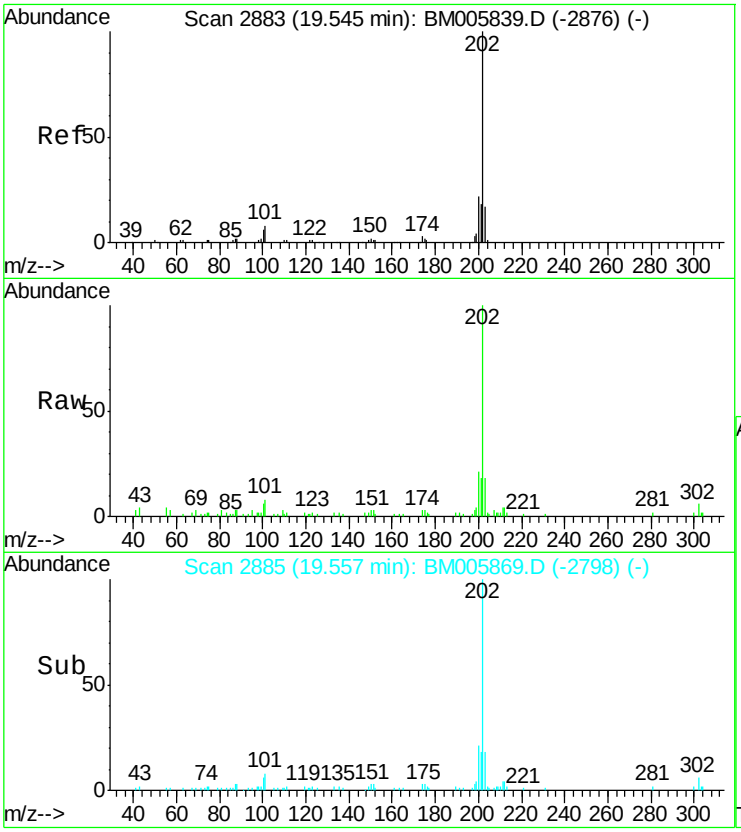


#28
Fluoranthene
Concen: 4.52 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. 0.01 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Tgt Ion:202 Resp: 41925

Ion	Ratio	Lower	Upper
202	100		
101	6.5	6.1	9.1
100	5.4	4.2	6.2



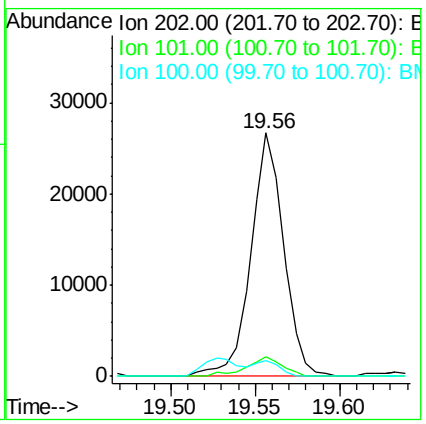


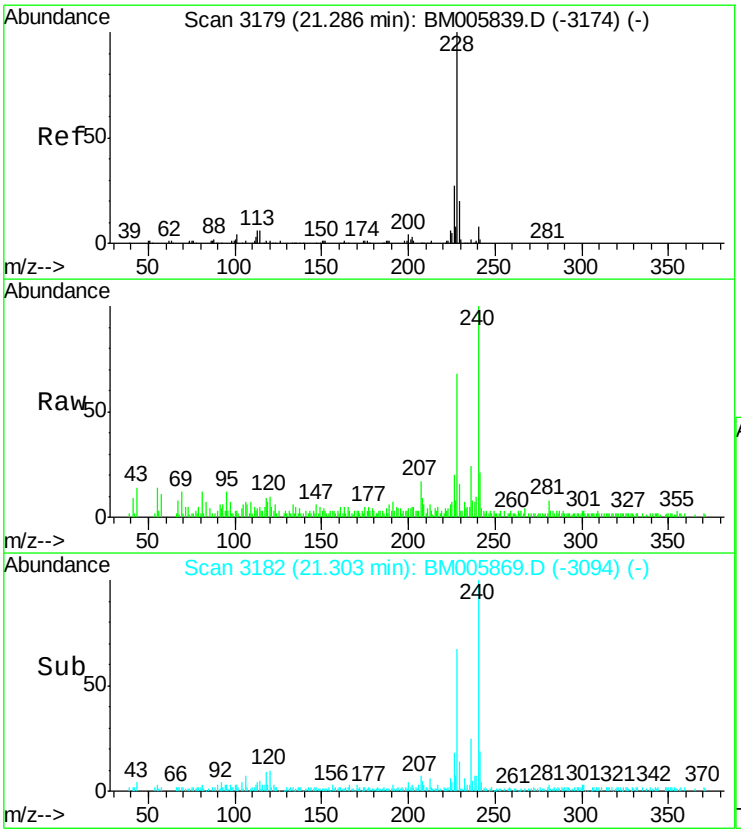
#31
Pyrene
Concen: 4.56 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Instrument :
BNA_M
ClientSampleId :
D9Y35

Tgt Ion:202 Resp: 36089

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.5	9.7
100	6.3	5.4	8.2

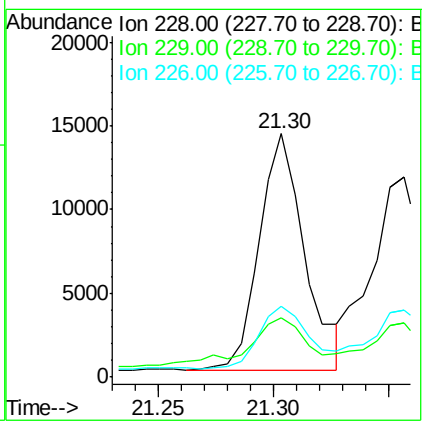


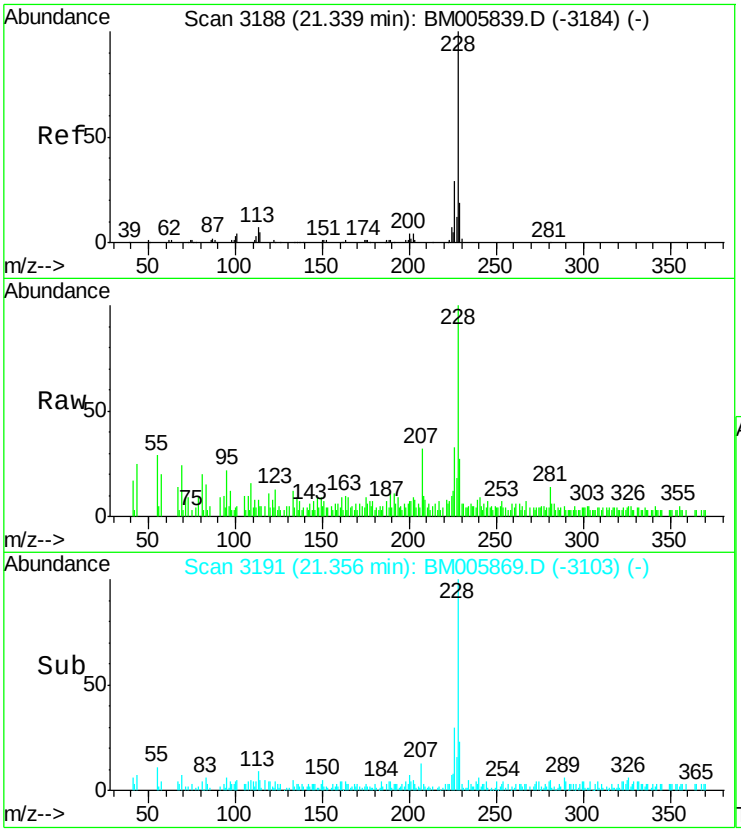


#32
Benzo(a)anthracene
Concen: 2.31 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Tgt Ion:228 Resp: 19331

Ion	Ratio	Lower	Upper
228	100		
229	24.2	15.8	23.6#
226	29.3	21.8	32.6



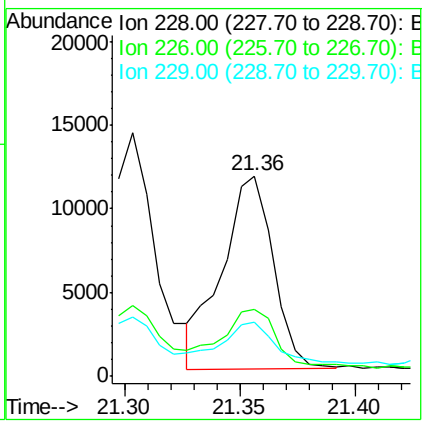


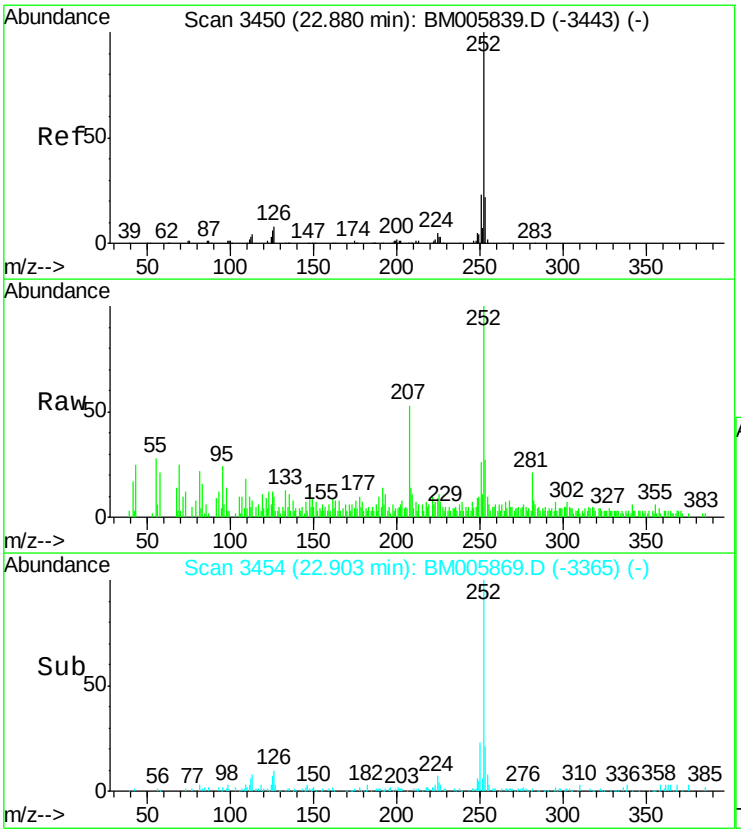
#33
Chrysene
Concen: 2.23 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. 0.02 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Instrument :
BNA_M
ClientSampleId :
D9Y35

Tgt Ion:228 Resp: 18005

Ion	Ratio	Lower	Upper
228	100		
226	33.2	23.5	35.3
229	26.8	15.4	23.0#

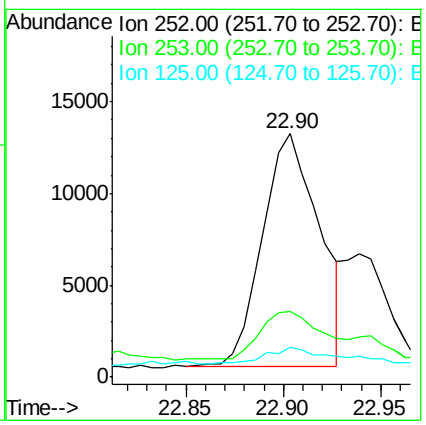


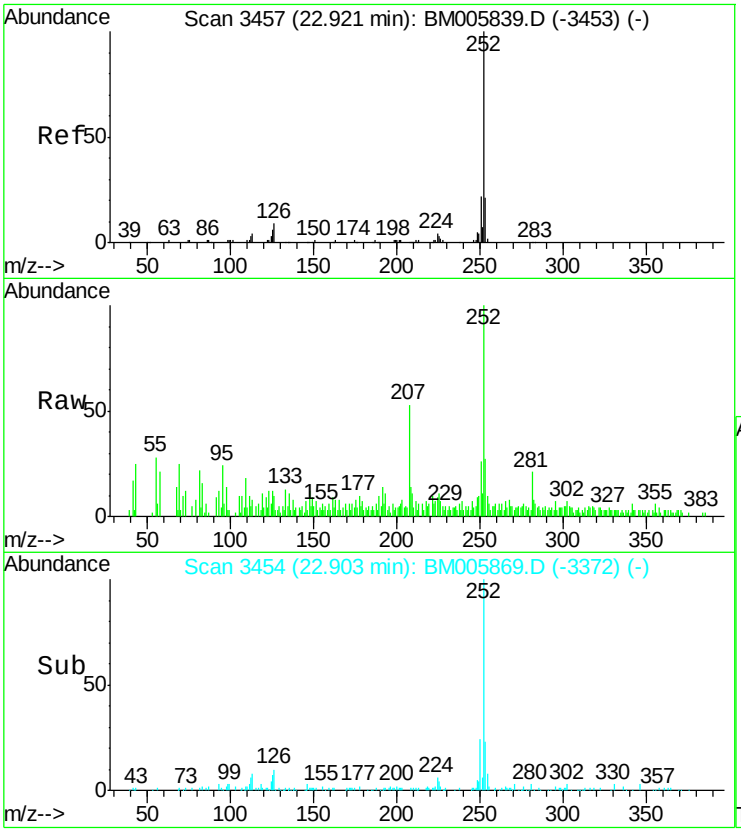


#35
Benzo(b)fluoranthene
Concen: 3.31 ng/ul
RT: 22.90 min Scan# 3454
Delta R.T. 0.02 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Tgt Ion:252 Resp: 25814

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.1	25.7#
125	12.0	4.9	7.3#



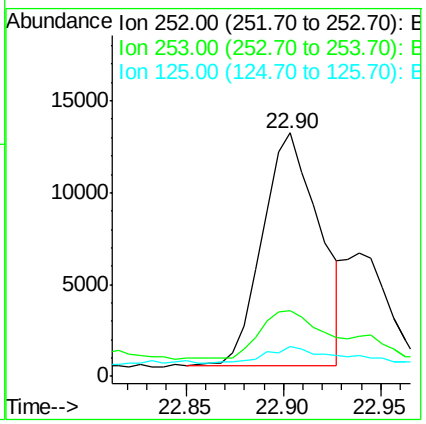


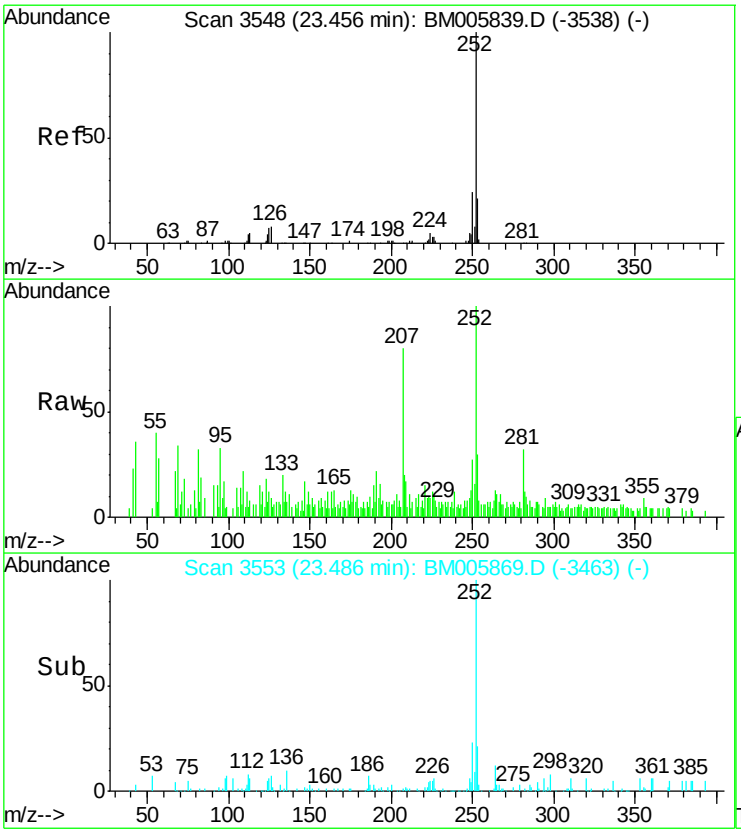
#36
Benzo(k)fluoranthene
Concen: 3.42 ng/ul
RT: 22.90 min Scan# 3454
Delta R.T. -0.02 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Instrument :
BNA_M
ClientSampleId :
D9Y35

Tgt Ion:252 Resp: 25814

Ion	Ratio	Lower	Upper
252	100		
253	27.0	17.5	26.3#
125	12.0	4.8	7.2#

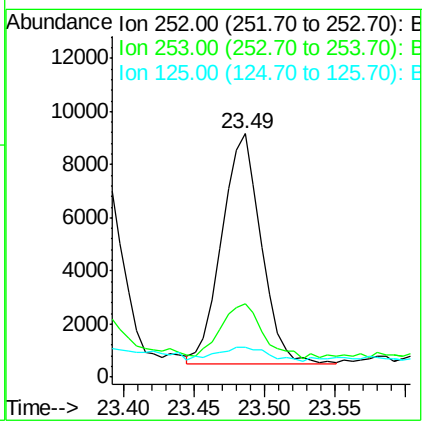


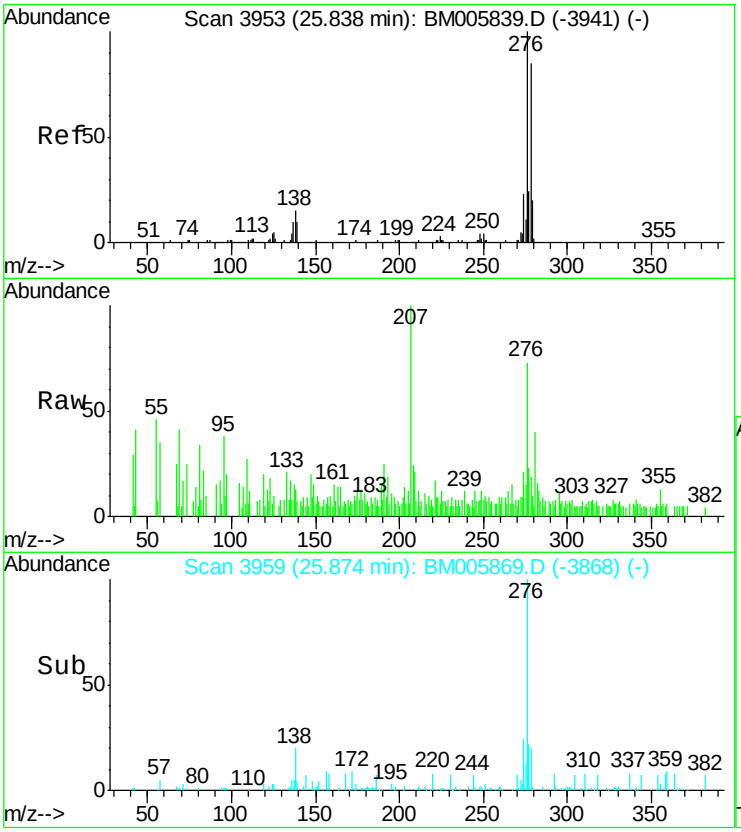


#38
Benzo(a)pyrene
Concen: 2.19 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. 0.03 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Tgt Ion:252 Resp: 16754

Ion	Ratio	Lower	Upper
252	100		
253	30.2	18.0	27.0#
125	12.4	5.1	7.7#



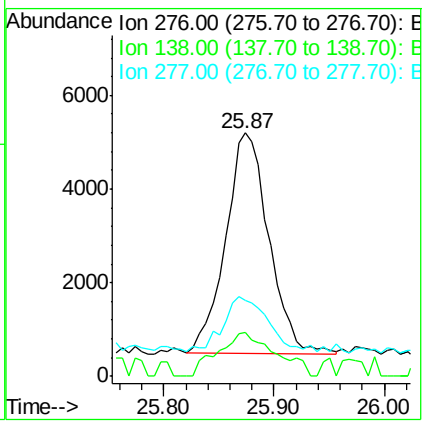


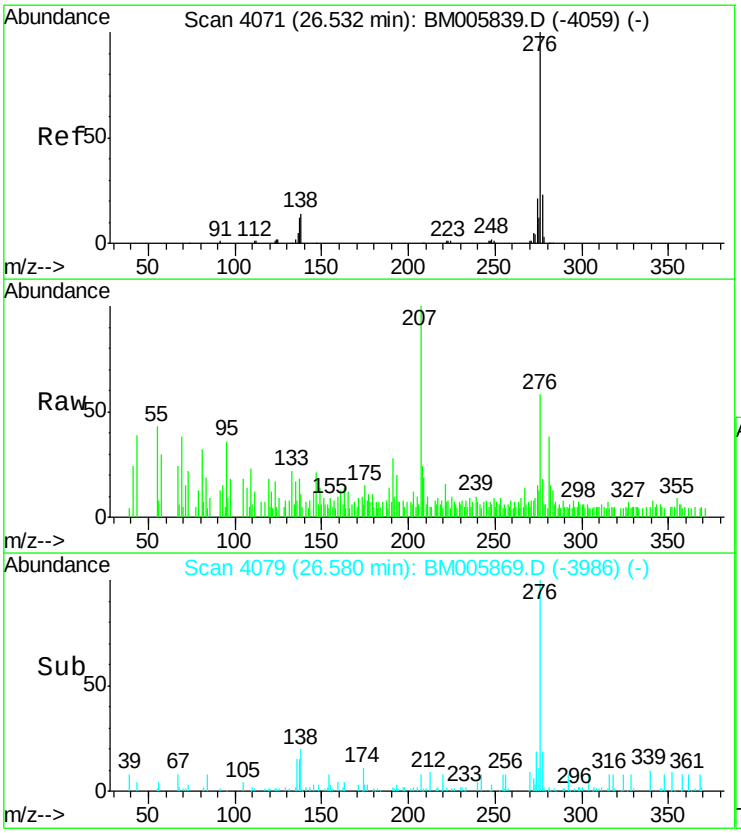
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.37 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.04 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Instrument :
BNA_M
ClientSampleId :
D9Y35

Tgt Ion:276 Resp: 12877

Ion	Ratio	Lower	Upper
276	100		
138	18.1	11.9	17.9#
277	31.2	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 1.58 ng/ul
RT: 26.58 min Scan# 4079
Delta R.T. 0.05 min
Lab File: BM005869.D
Acq: 17 Jun 2016 19:59

Tgt Ion:276 Resp: 12616

Ion	Ratio	Lower	Upper
276	100		
138	18.3	10.6	15.8#
277	31.0	19.6	29.4#