Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005865.D
Acq On : 17 Jun 2016 17:27
Operator : UM/SJ
Sample : H3535-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XW8

Quant Time: Jun 17 18:13:23 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	25178	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	106211	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	63307	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	144836	20.00	ng/ul	0.00
29) Chrysene-d12	21.31	240	135500	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	124777	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	258	1.33	ng/uL	0.00
3) Phenol-d5	6.92	99	23943	11.36	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.06	67	12905	11.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	22564	12.84	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	17296	9.18	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	10424	13.91	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	12810	13.98	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	24244	13.40	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	1548	1.26	ng/ul	0.02
16) Dimethylphthalate-d6	13.79	166	83865	14.00	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	100614	14.58	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	6705	9.29	ng/ul	0.02
21) Fluorene-d10	15.37	176	73512	14.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	3994	4.09	ng/ul	0.01
26) Anthracene-d10	17.22	188	112383	14.86	ng/ul	0.00
30) Pyrene-d10	19.52	212	120920	18.83	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	93962	15.06	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.57	128	7625	1.34	ng/ul	99
13) 2-Methylnaphthalene	12.19	142	8197	1.89	ng/ul	98
14) 1-Methylnaphthalene	12.41	142	6343	1.40	ng/ul#	99
25) Phenanthrene	17.16	178	28285	3.28	ng/ul	97
28) Fluoranthene	19.19	202	75821	7.00	ng/ul	97
31) Pyrene	19.55	202	68138	8.51	ng/ul	97
32) Benzo(a)anthracene	21.30	228	38527	4.55	ng/ul#	91
33) Chrysene	21.34	228	41361	5.07	ng/ul#	92
35) Benzo(b)fluoranthene	22.89	252	57114	7.35	ng/ul#	89
36) Benzo(k)fluoranthene	22.89	252	57114	7.61	ng/ul#	90
38) Benzo(a)pyrene	23.47	252	31481	4.13	ng/ul#	86
39) Indeno(1,2,3-cd)pyrene	25.86	276	27578	2.96	ng/ul	98
41) Benzo(g,h,i)perylene	26.57	276	29175	3.68	ng/ul#	93

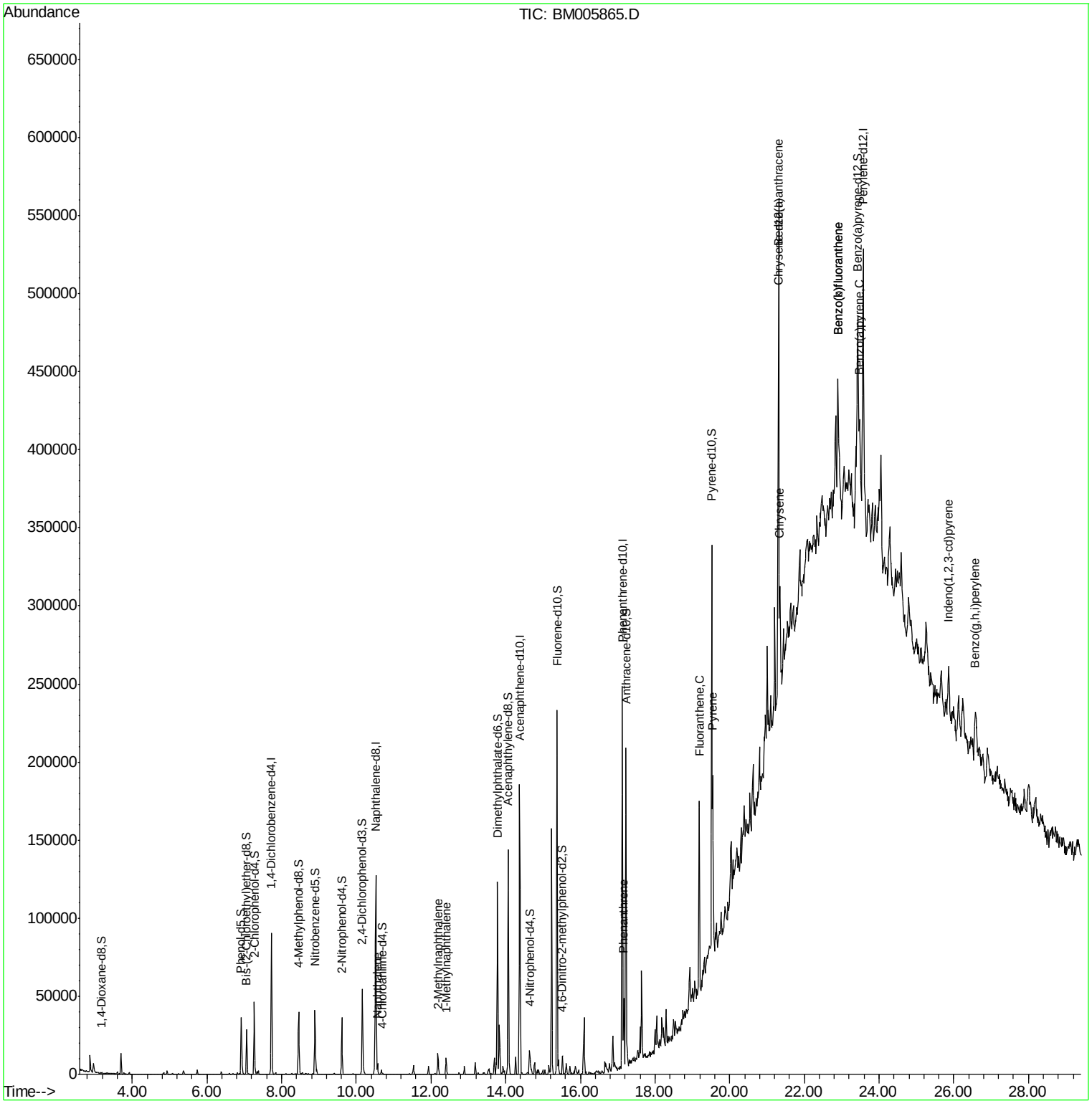
(#) = qualifier out of range (m) = manual integration (+) = signals summed

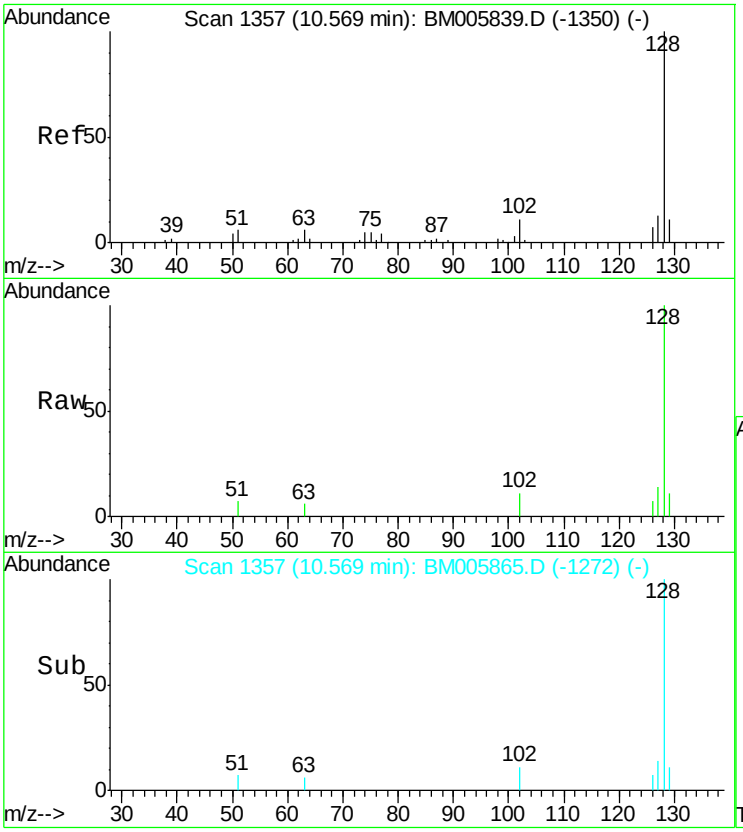
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM061816\
Data File : BM005865.D
Acq On : 17 Jun 2016 17:27
Operator : UM/SJ
Sample : H3535-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XW8

Quant Time: Jun 17 18:13:23 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



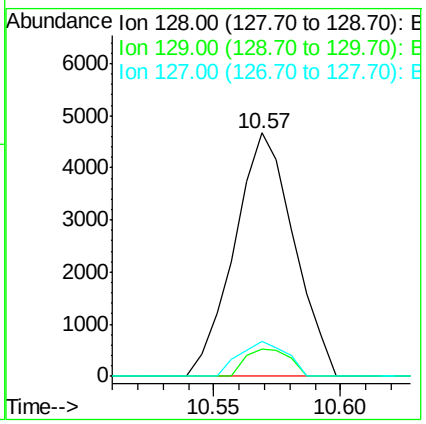


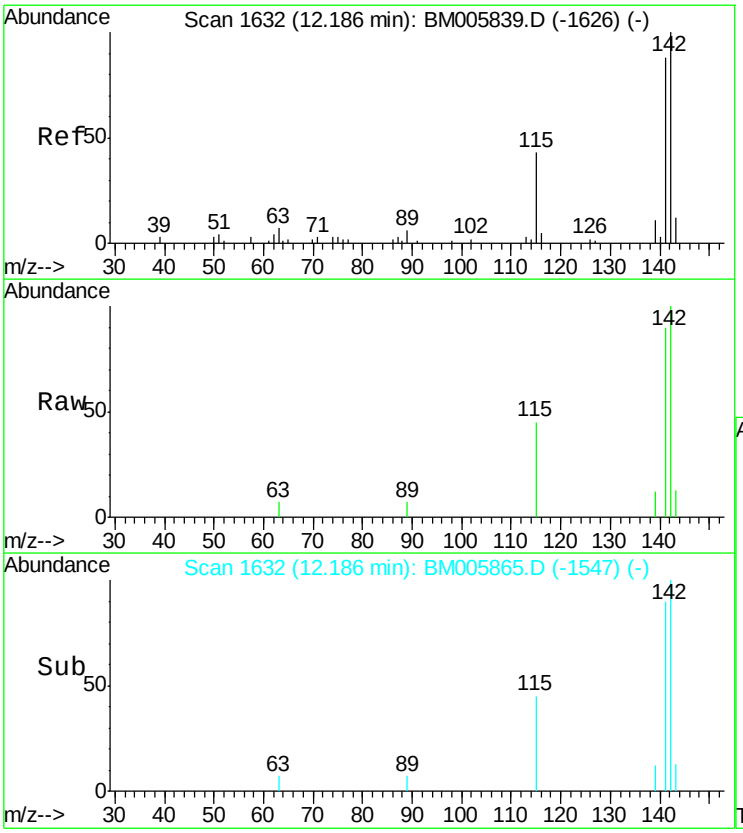
#11
Naphthalene
Concen: 1.34 ng/ul
RT: 10.57 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Instrument :
BNA_M
ClientSampleId :
D9XW8

Tgt Ion:128 Resp: 7625

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	14.2	10.9	16.3

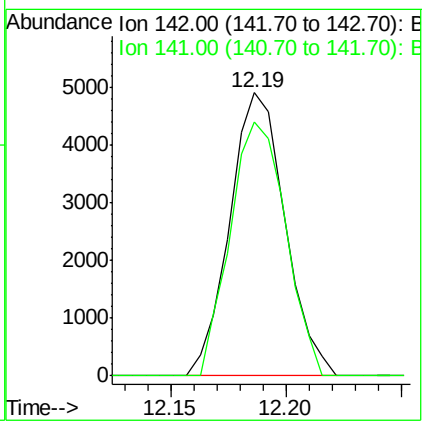


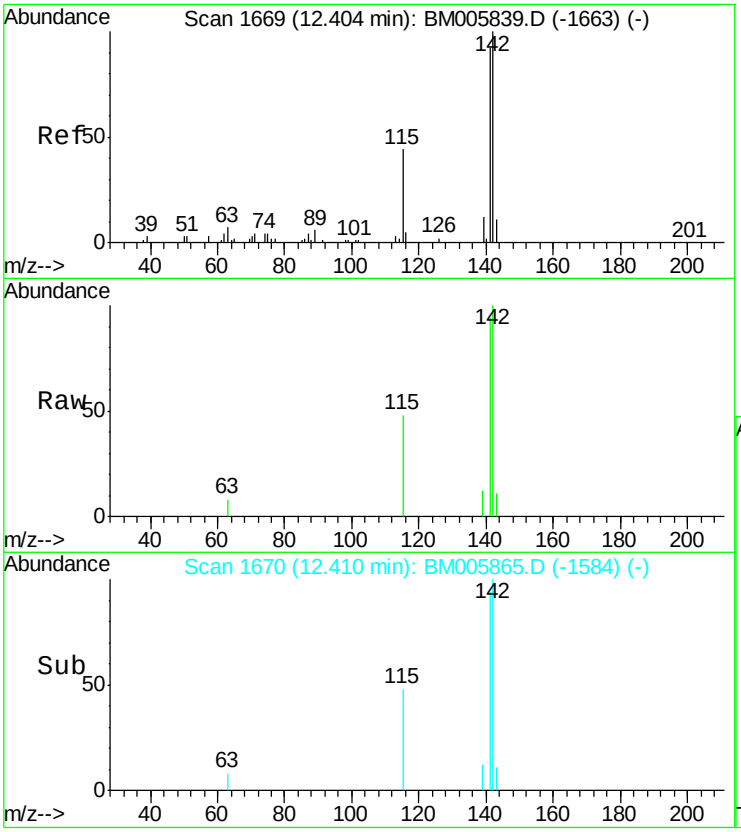


#13
2-Methylnaphthalene
Concen: 1.89 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Tgt Ion:142 Resp: 8197

Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.2	105.2



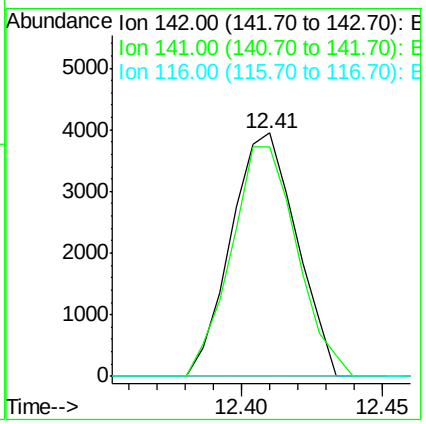


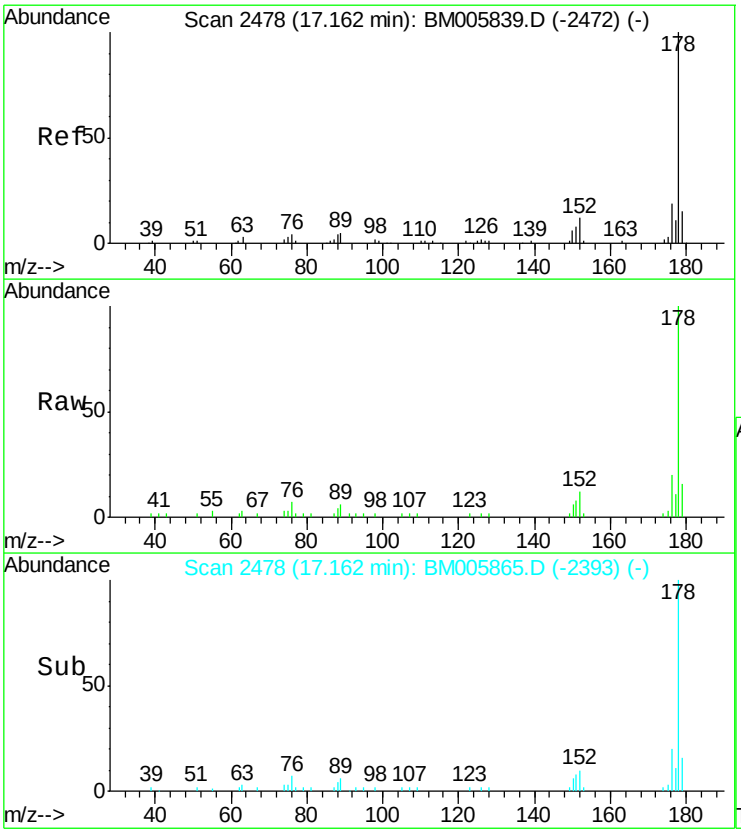
#14
1-Methylnaphthalene
Concen: 1.40 ng/ul
RT: 12.41 min Scan# 1670
Delta R.T. 0.01 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Instrument :
BNA_M
ClientSampleId :
D9XW8

Tgt Ion:142 Resp: 6343

Ion	Ratio	Lower	Upper
142	100		
141	94.5	75.4	113.2
116	0.0	3.7	5.5#

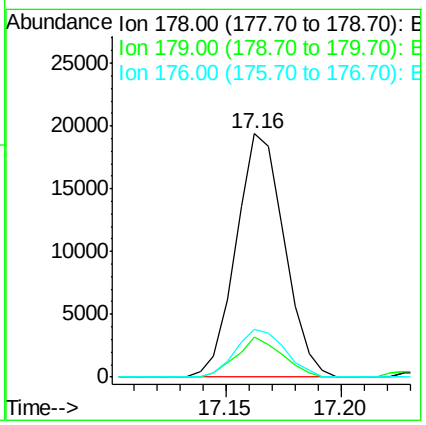


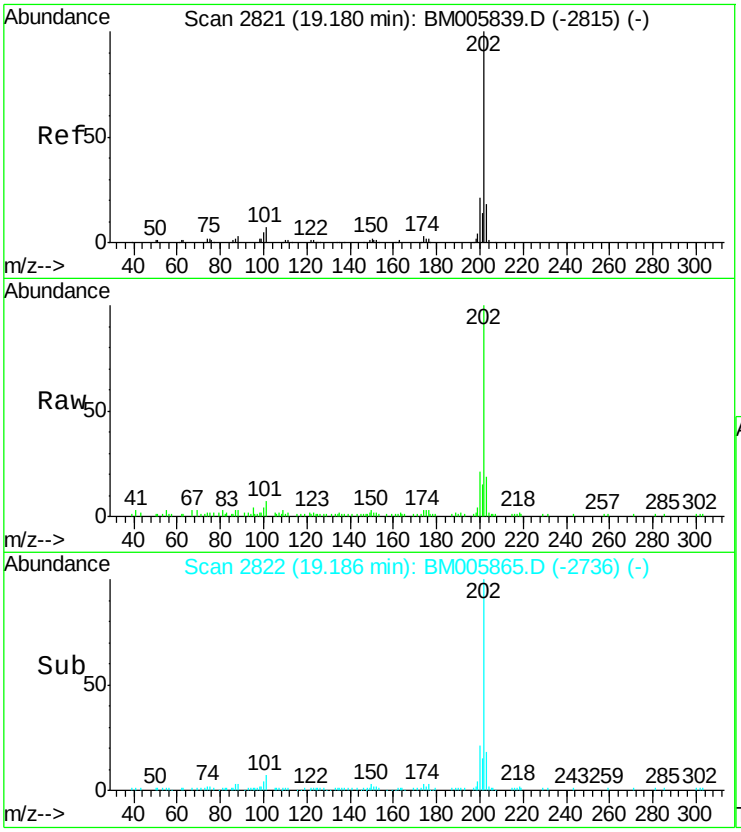


#25
Phenanthrene
Concen: 3.28 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Tgt Ion:178 Resp: 28285

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.0	18.0
176	19.6	14.9	22.3



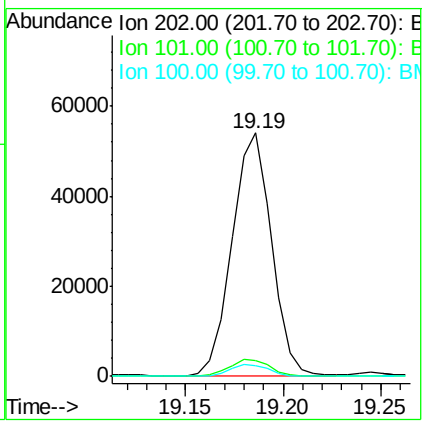


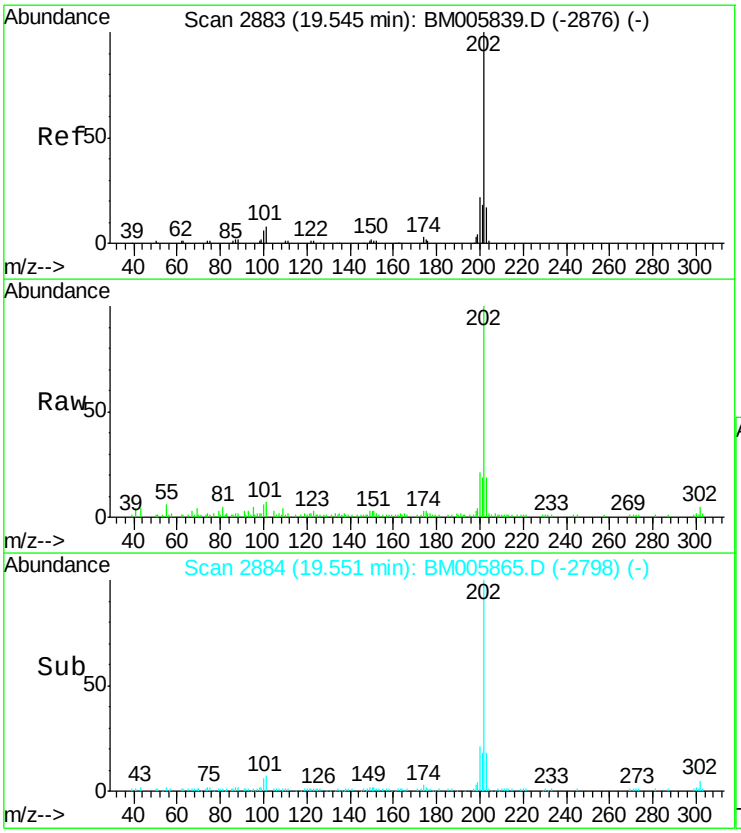
#28
Fluoranthene
Concen: 7.00 ng/ul
RT: 19.19 min Scan# 2822
Delta R.T. 0.01 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Instrument :
BNA_M
ClientSampleId :
D9XW8

Tgt Ion:202 Resp: 75821

Ion	Ratio	Lower	Upper
202	100		
101	6.5	6.1	9.1
100	4.4	4.2	6.2

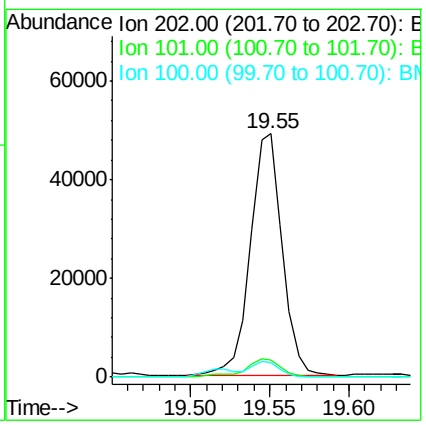


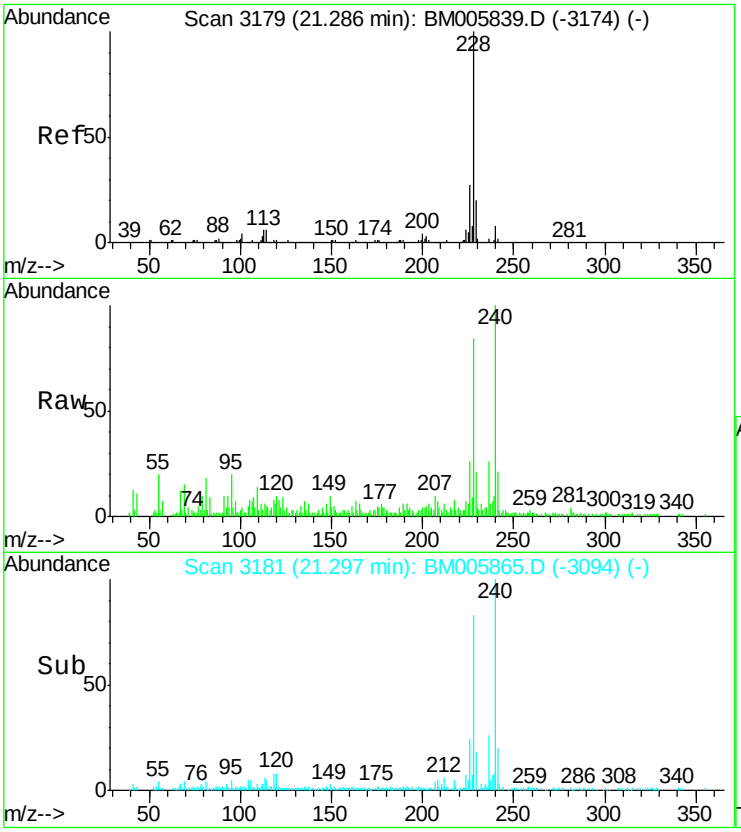


#31
Pyrene
Concen: 8.51 ng/ul
RT: 19.55 min Scan# 2884
Delta R.T. 0.01 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Tgt Ion:202 Resp: 68138

Ion	Ratio	Lower	Upper
202	100		
101	7.1	6.5	9.7
100	6.0	5.4	8.2



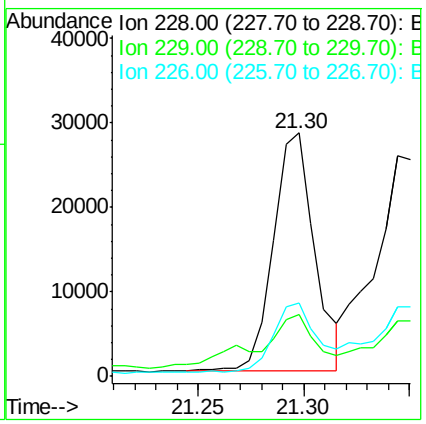


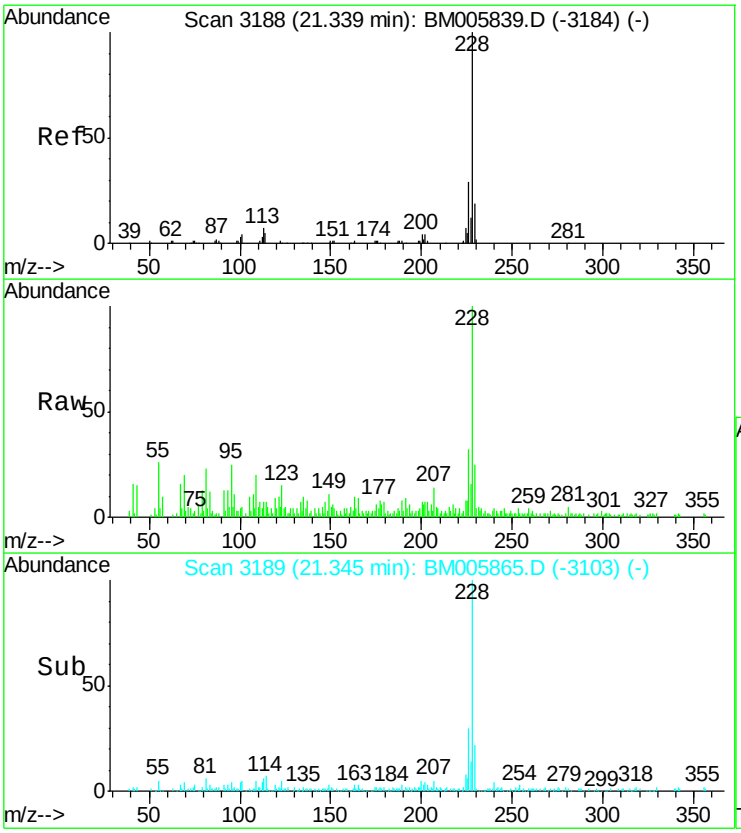
#32
Benzo(a)anthracene
Concen: 4.55 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Instrument :
BNA_M
ClientSampleId :
D9XW8

Tgt Ion:228 Resp: 38527

Ion	Ratio	Lower	Upper
228	100		
229	25.4	15.8	23.6#
226	30.3	21.8	32.6

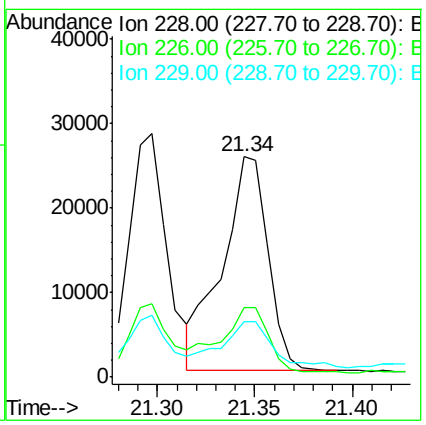


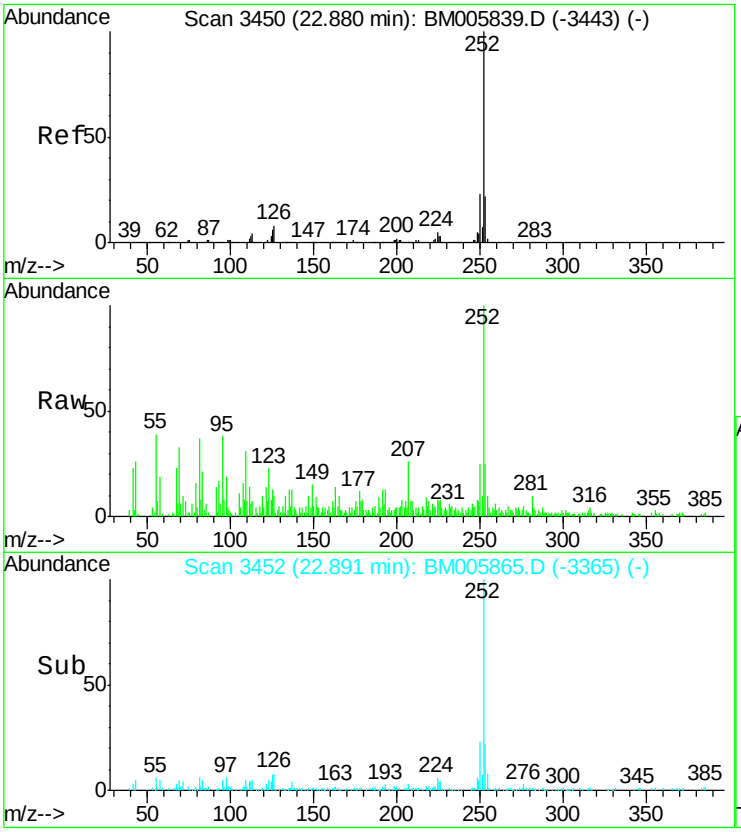


#33
Chrysene
Concen: 5.07 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.01 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Tgt Ion:228 Resp: 41361

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.5	35.3
229	25.2	15.4	23.0#



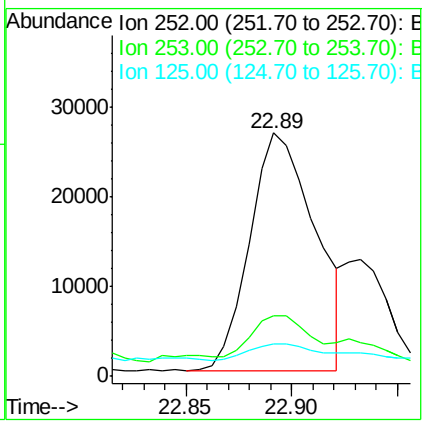


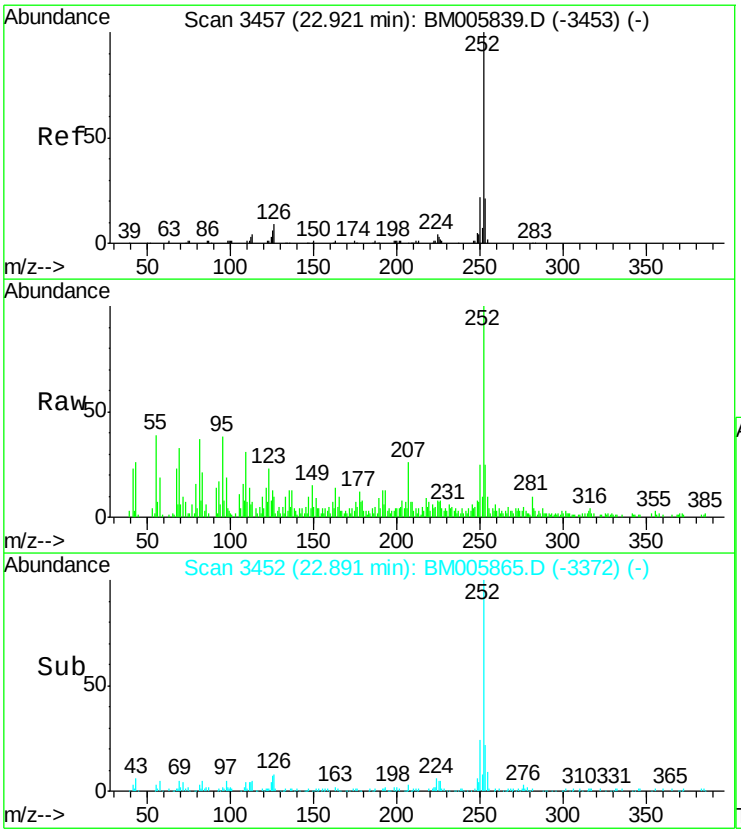
#35
Benzo(b)fluoranthene
Concen: 7.35 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. 0.01 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Instrument :
BNA_M
ClientSampleId :
D9XW8

Tgt Ion:252 Resp: 57114

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	13.1	4.9	7.3#

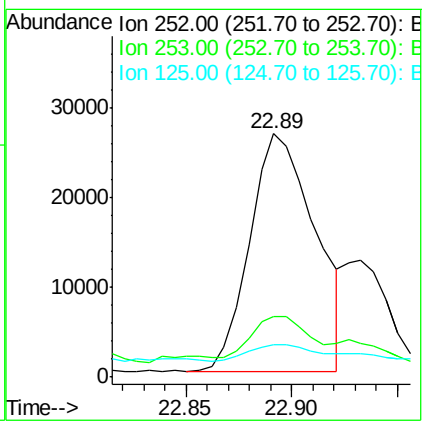


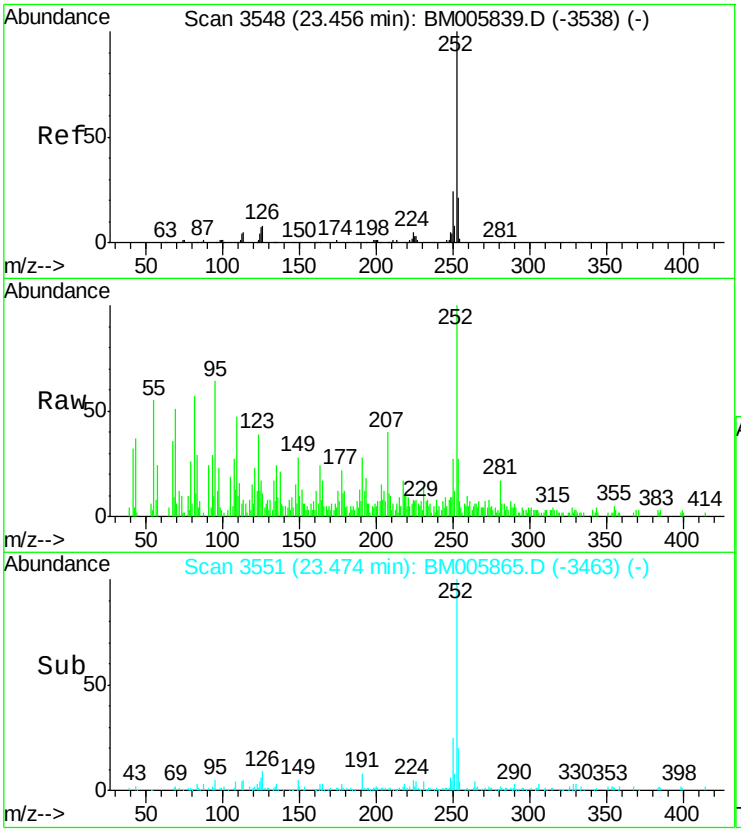


#36
Benzo(k)fluoranthene
Concen: 7.61 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.03 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Tgt Ion:252 Resp: 57114

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.5	26.3
125	13.1	4.8	7.2#



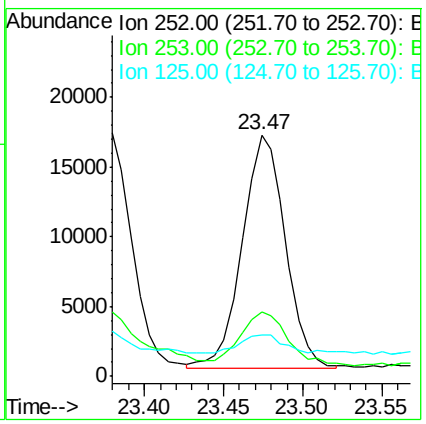


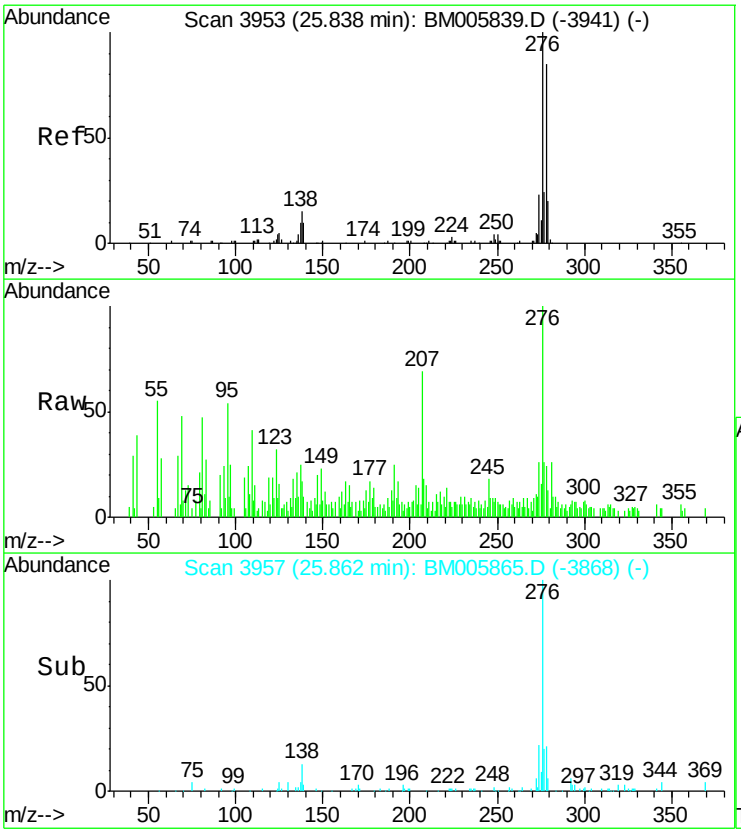
#38
Benzo(a)pyrene
Concen: 4.13 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. 0.02 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Instrument :
BNA_M
ClientSampleId :
D9XW8

Tgt Ion:252 Resp: 31481

Ion	Ratio	Lower	Upper
252	100		
253	27.0	18.0	27.0
125	17.2	5.1	7.7#

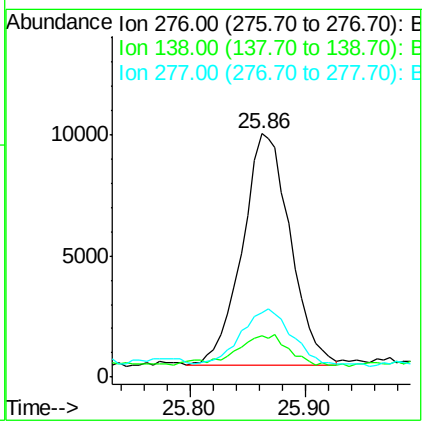


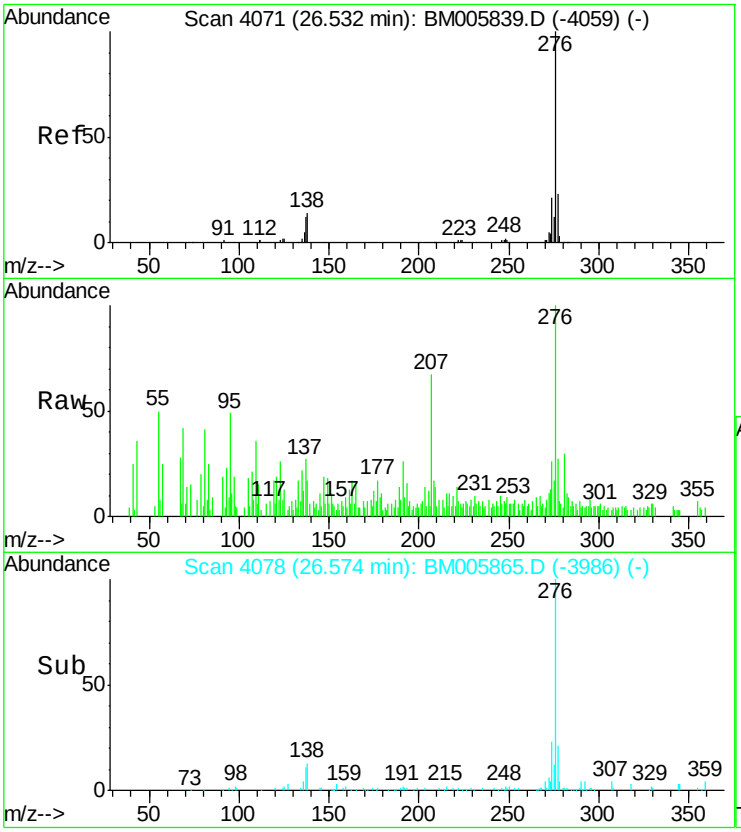


#39
Indeno(1,2,3-cd)pyrene
Concen: 2.96 ng/ul
RT: 25.86 min Scan# 3957
Delta R.T. 0.02 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Tgt Ion:276 Resp: 27578

Ion	Ratio	Lower	Upper
276	100		
138	17.0	11.9	17.9
277	26.5	21.0	31.6





#41
Benzo(g,h,i)perylene
Concen: 3.68 ng/ul
RT: 26.57 min Scan# 4078
Delta R.T. 0.04 min
Lab File: BM005865.D
Acq: 17 Jun 2016 17:27

Instrument :
BNA_M
ClientSampleId :
D9XW8

Tgt Ion:276 Resp: 29175

Ion	Ratio	Lower	Upper
276	100		
138	17.3	10.6	15.8#
277	26.9	19.6	29.4