Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006005.D
Acq On : 25 Jun 2016 17:26
Operator : UM/SJ
Sample : H3669-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y66

Quant Time: Jun 26 04:41:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	114998	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	625561	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	486346	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1460772	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2251798	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	2680260	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	4897	1.90	ng/uL	0.00
3) Phenol-d5	6.83	99	234975	19.42	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	150629	22.38	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	177263	21.04	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	192631	18.86	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	99850	20.96	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	108881	20.55	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	199392	19.61	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	314777	28.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	894212	21.48	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1015708	21.03	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	192957	21.73	ng/ul	0.00
21) Fluorene-d10	15.30	176	790583	22.24	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	148402	18.30	ng/ul	0.00
26) Anthracene-d10	17.15	188	1420213	21.17	ng/ul	0.00
30) Pyrene-d10	19.45	212	1901714	19.28	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	2570324	21.24	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.06	128	976	0.03	ng/ul#	1
18) Acenaphthylene	14.03	152	855	0.02	ng/ul#	61
22) Fluorene	15.30	166	1902	0.05	ng/ul#	12
25) Phenanthrene	17.09	178	3317	0.04	ng/ul#	78
27) Anthracene	17.19	178	1202	0.01	ng/ul#	61
28) Fluoranthene	19.11	202	7240	0.07	ng/ul#	94
31) Pyrene	19.48	202	9672	0.08	ng/ul#	95
32) Benzo(a)anthracene	21.24	228	12769	0.10	ng/ul#	90
33) Chrysene	21.28	228	6601	0.05	ng/ul#	85
35) Benzo(b)fluoranthene	22.80	252	14295	0.09	ng/ul#	74
36) Benzo(k)fluoranthene	22.88	252	189	0.00	ng/ul#	1
38) Benzo(a)pyrene	23.36	252	8177	0.05	ng/ul#	52
39) Indeno(1,2,3-cd)pyrene	25.67	276	8542	0.05	ng/ul#	88
40) Dibenzo(a,h)anthracene	25.69	278	801	0.01	ng/ul#	43
41) Benzo(g,h,i)perylene	26.35	276	7896	0.05	ng/ul	95

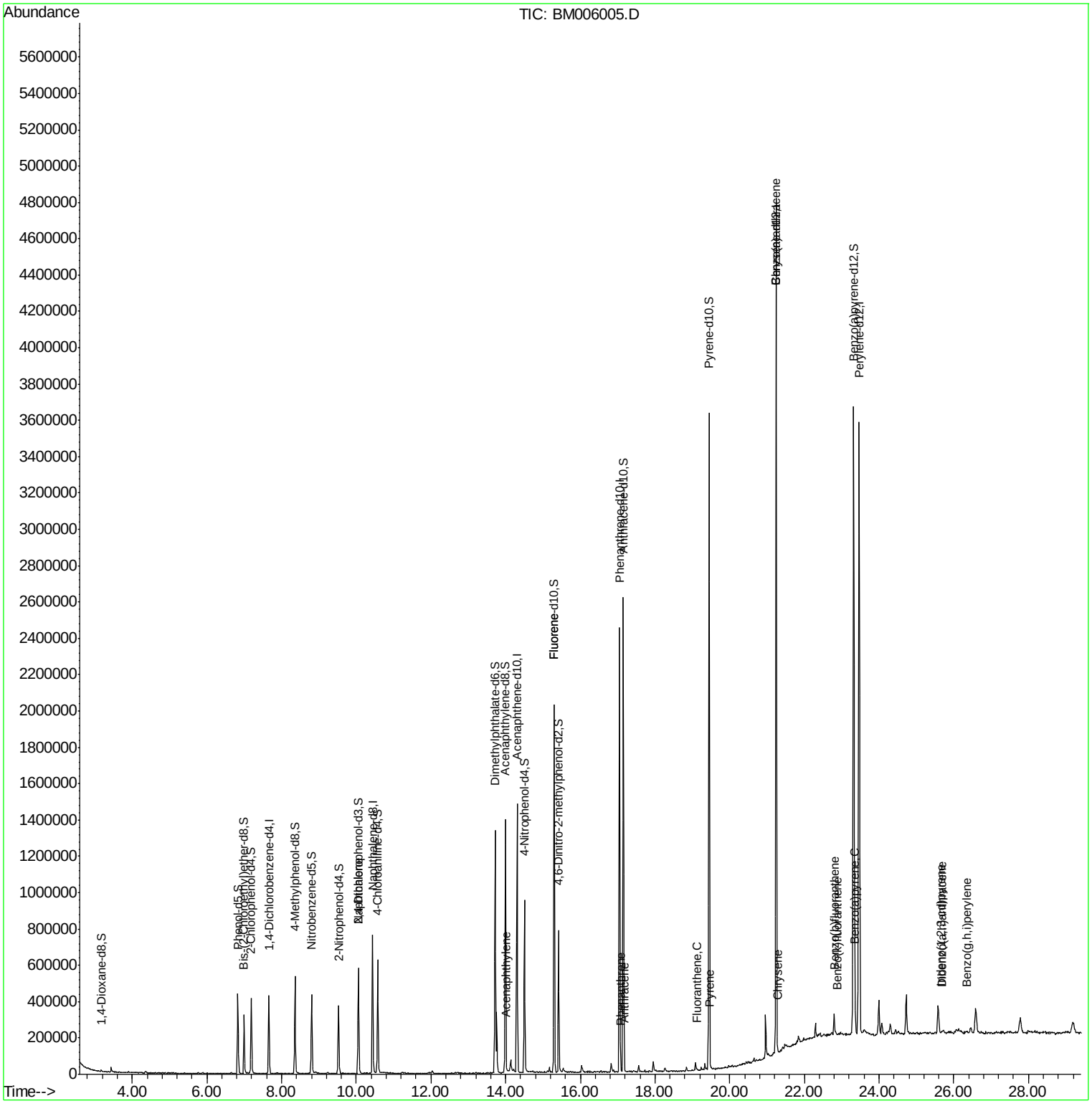
(#) = qualifier out of range (m) = manual integration (+) = signals summed

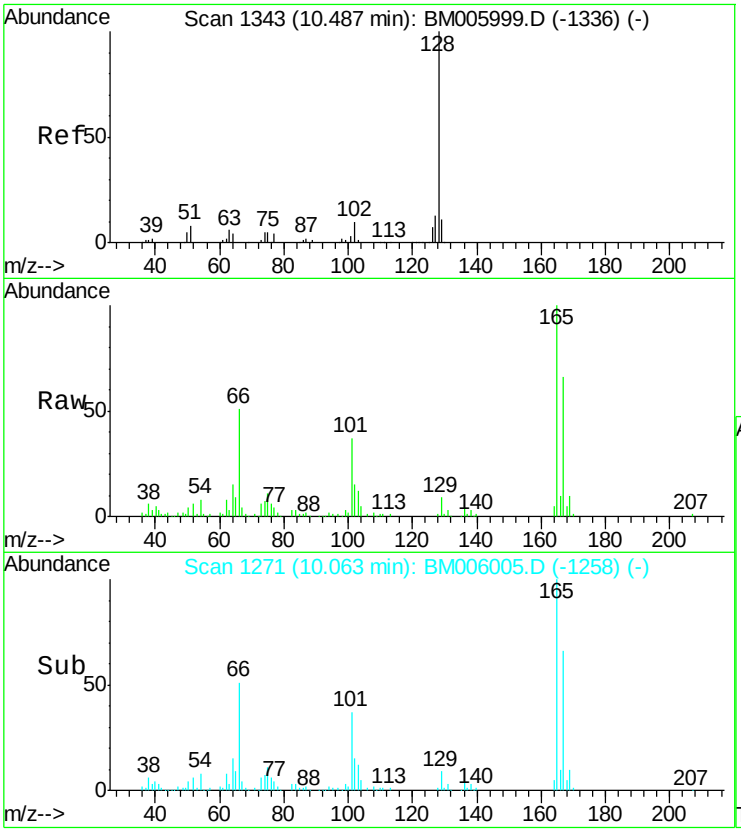
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062516\
Data File : BM006005.D
Acq On : 25 Jun 2016 17:26
Operator : UM/SJ
Sample : H3669-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9Y66

Quant Time: Jun 26 04:41:51 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 26 04:39:40 2016
Response via : Initial Calibration



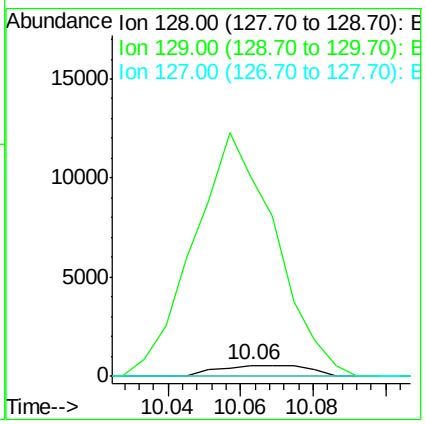


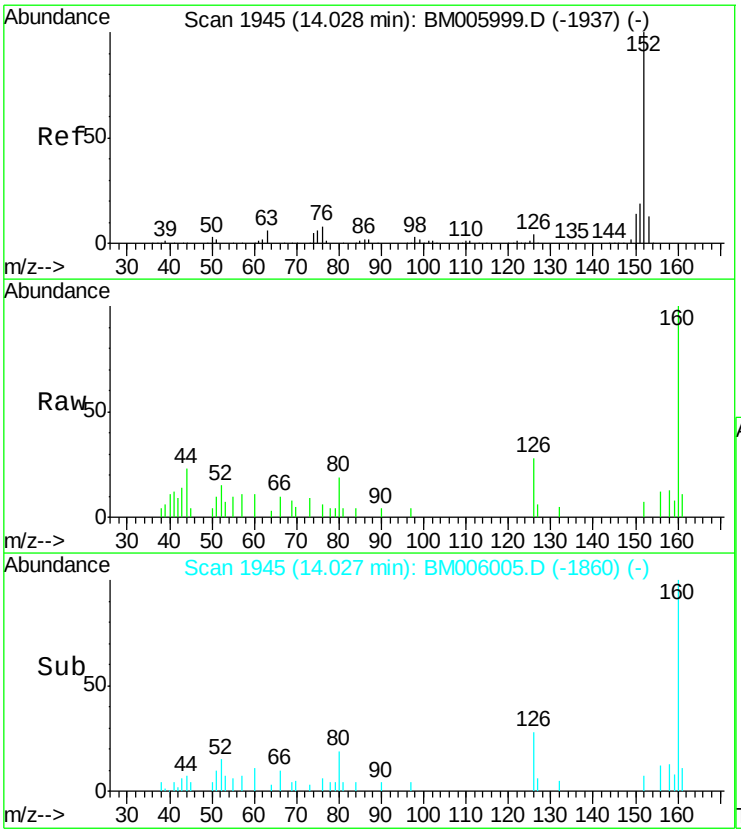
#11
Naphthalene
Concen: 0.03 ng/ul
RT: 10.06 min Scan# 1271
Delta R.T. -0.42 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:128 Resp: 976

Ion	Ratio	Lower	Upper
128	100		
129	1781.0	8.6	13.0#
127	0.0	10.2	15.4#

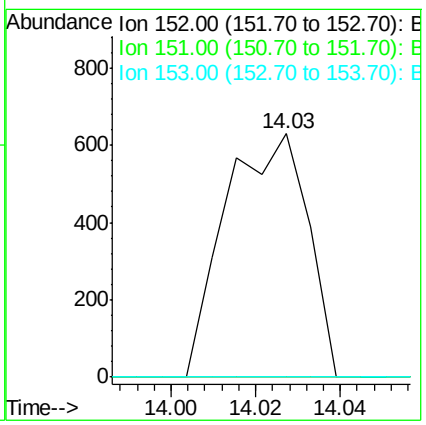


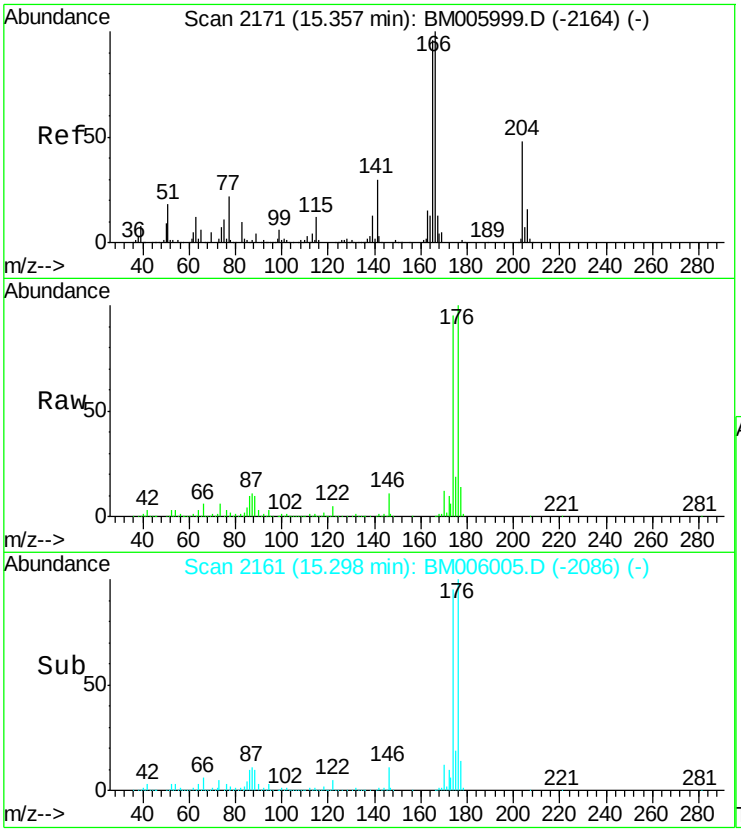


#18
Acenaphthylene
Concen: 0.02 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Tgt Ion:152 Resp: 855

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.5	23.3#
153	0.0	10.5	15.7#



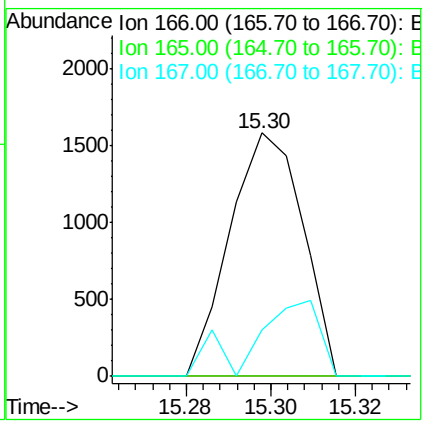


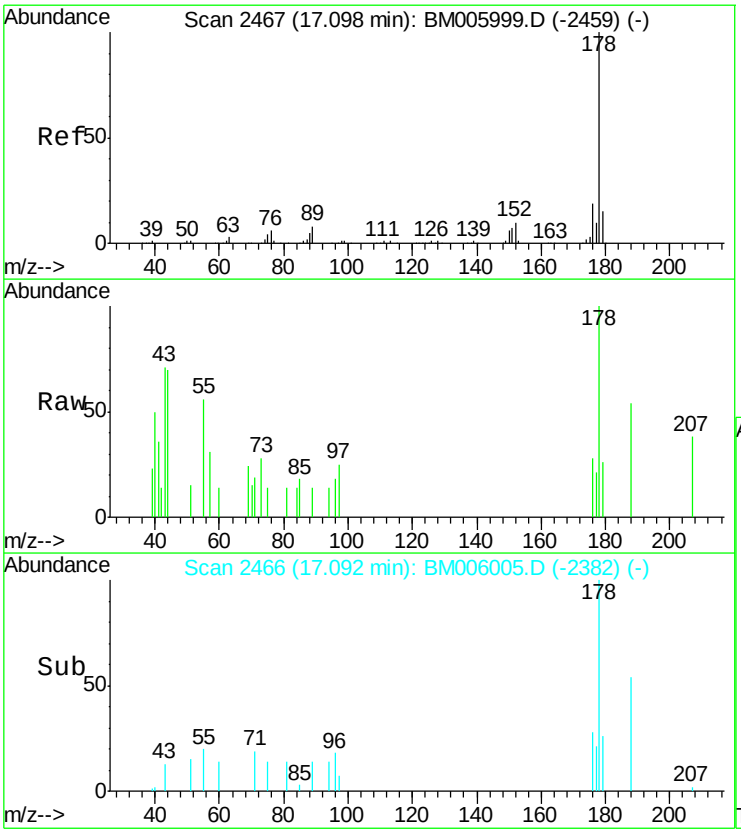
#22
Fluorene
Concen: 0.05 ng/ul
RT: 15.30 min Scan# 2161
Delta R.T. -0.06 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:166 Resp: 1902

Ion	Ratio	Lower	Upper
166	100		
165	0.0	76.8	115.2#
167	19.0	10.8	16.2#

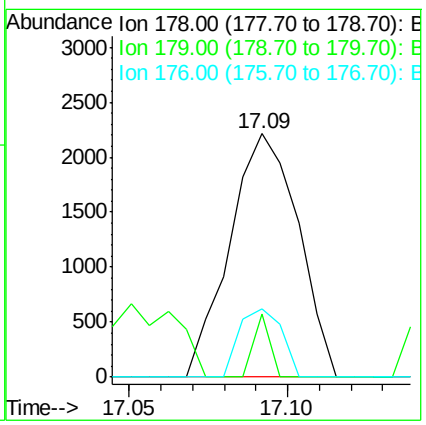


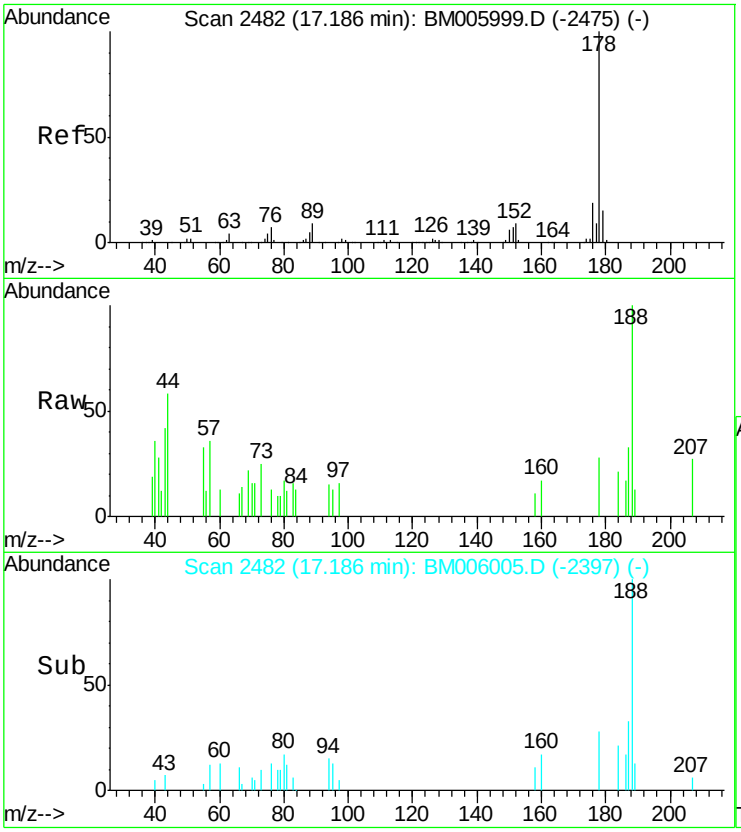


#25
Phenanthrene
Concen: 0.04 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.01 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Tgt Ion:178 Resp: 3317

Ion	Ratio	Lower	Upper
178	100		
179	25.8	12.1	18.1#
176	27.9	15.4	23.0#



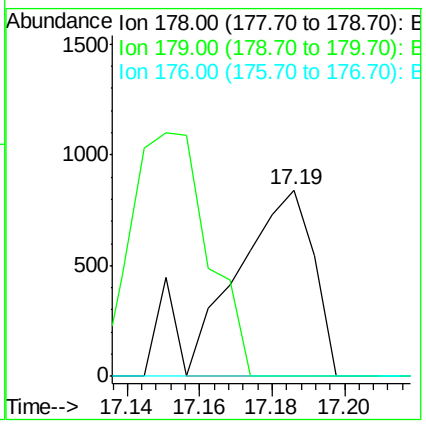


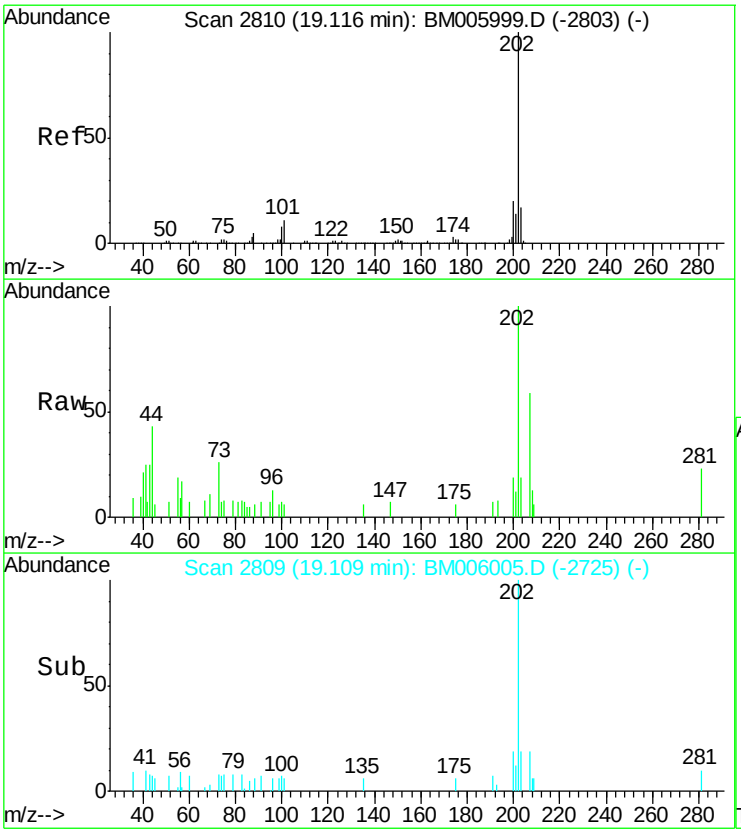
#27
Anthracene
Concen: 0.01 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.00 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:178 Resp: 1202

Ion	Ratio	Lower	Upper
178	100		
179	0.0	12.2	18.4#
176	0.0	14.9	22.3#

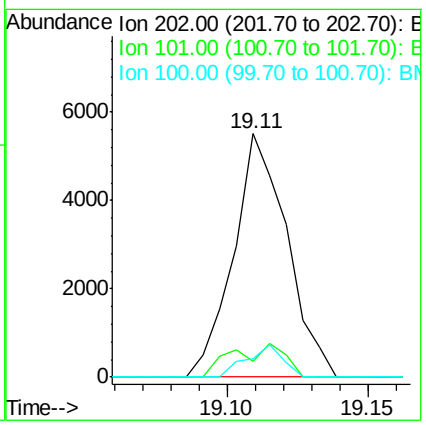


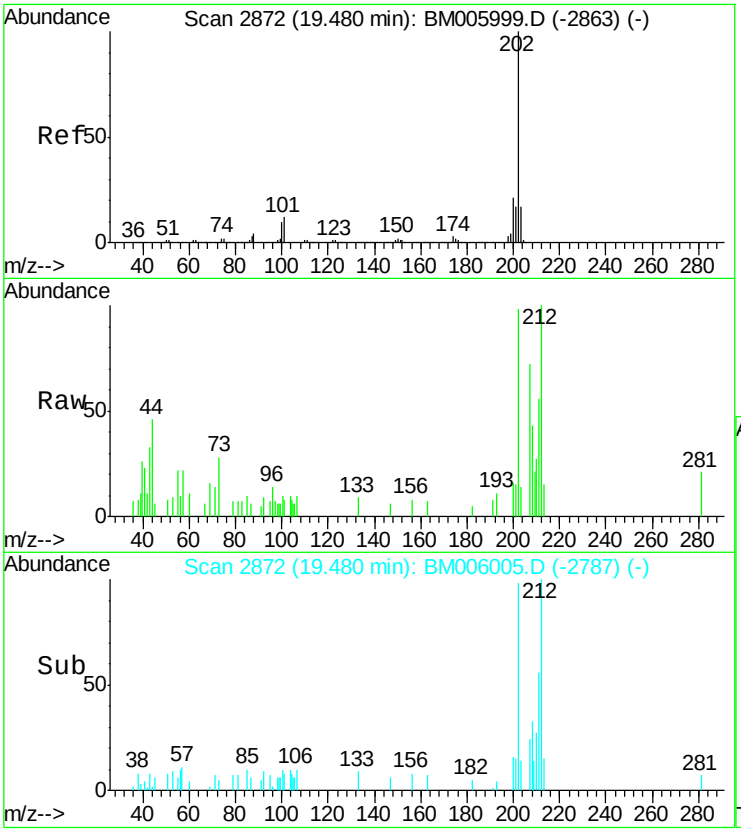


#28
Fluoranthene
Concen: 0.07 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Tgt Ion:202 Resp: 7240

Ion	Ratio	Lower	Upper
202	100		
101	6.5	8.2	12.4#
100	7.4	6.3	9.5



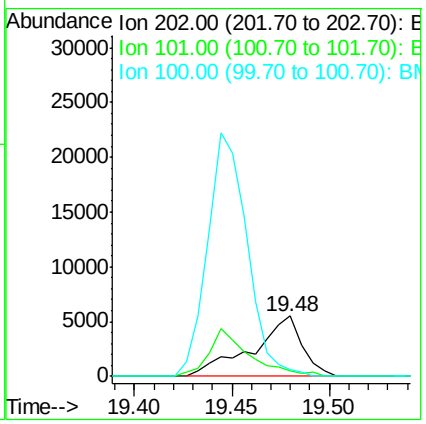


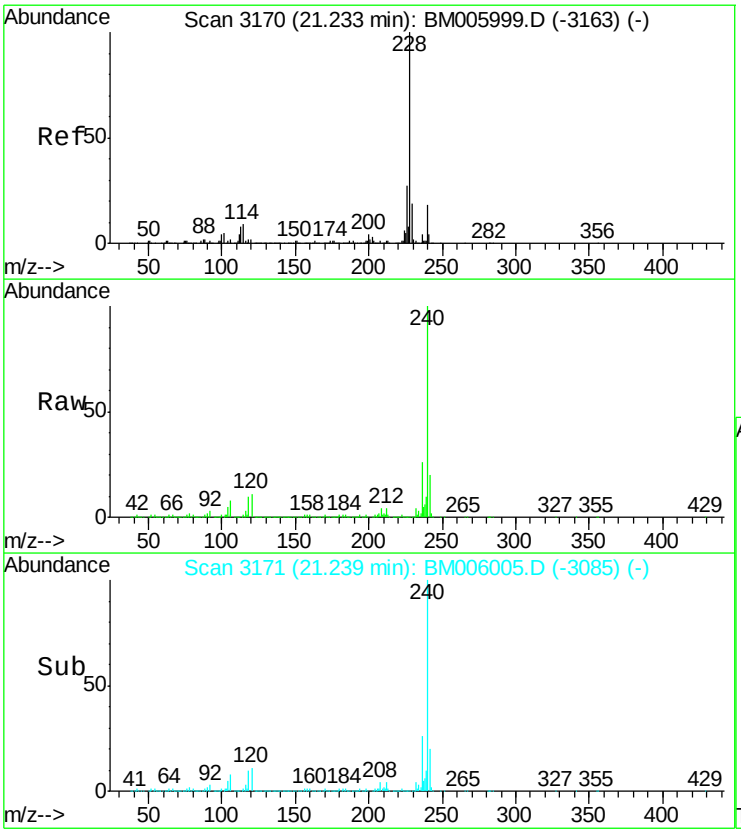
#31
Pyrene
Concen: 0.08 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:202 Resp: 9672

Ion	Ratio	Lower	Upper
202	100		
101	8.6	9.8	14.6#
100	10.5	8.2	12.2

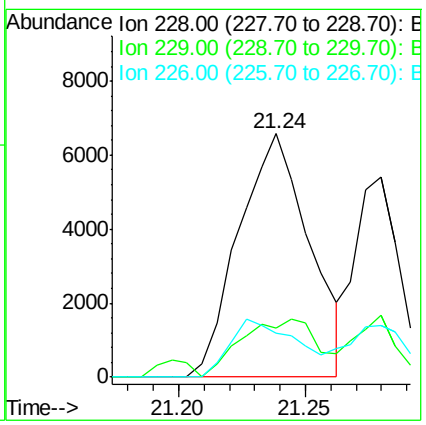


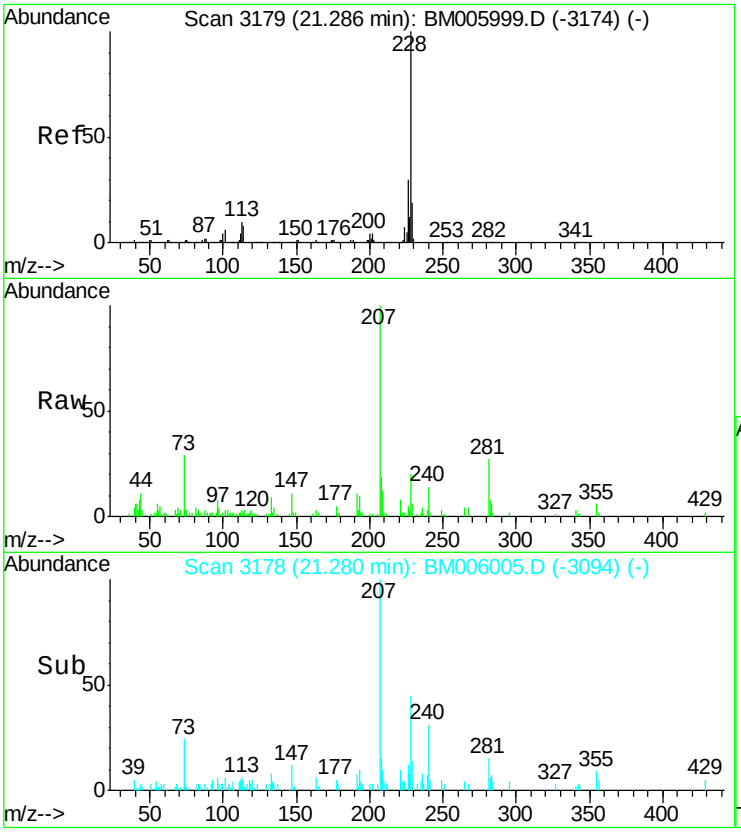


#32
Benzo(a)anthracene
Concen: 0.10 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Tgt Ion:228 Resp: 12769

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.8	23.6
226	18.1	21.5	32.3#



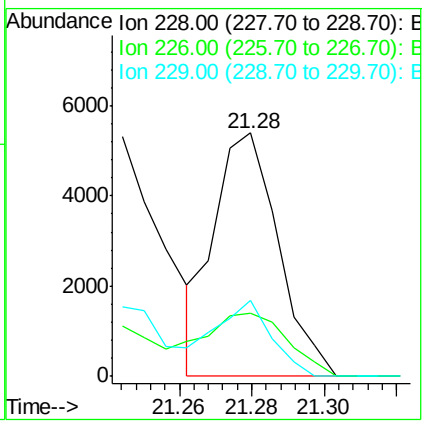


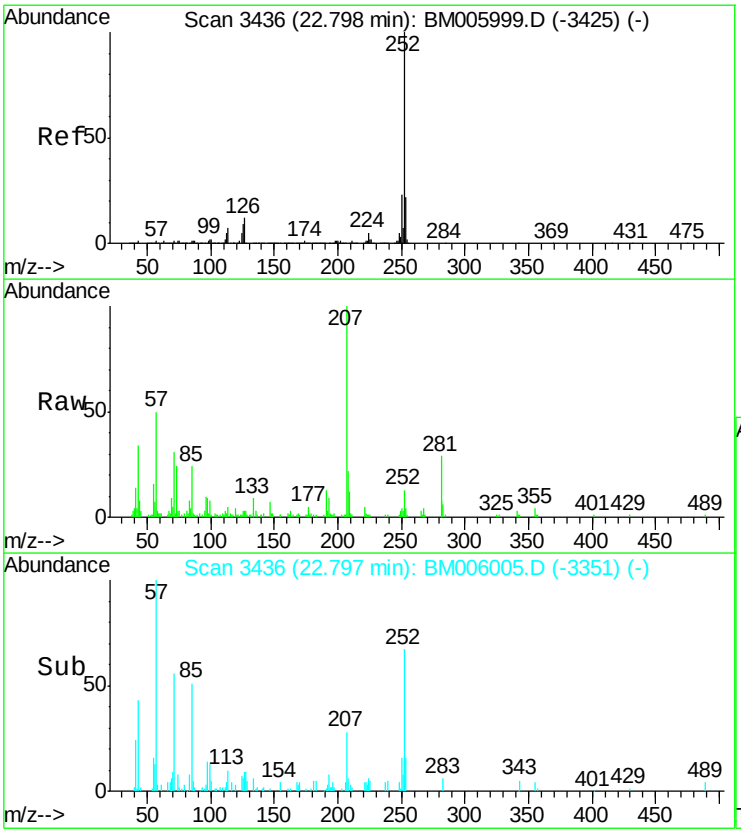
#33
Chrysene
Concen: 0.05 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:228 Resp: 6601

Ion	Ratio	Lower	Upper
228	100		
226	25.7	24.3	36.5
229	31.3	15.4	23.2#

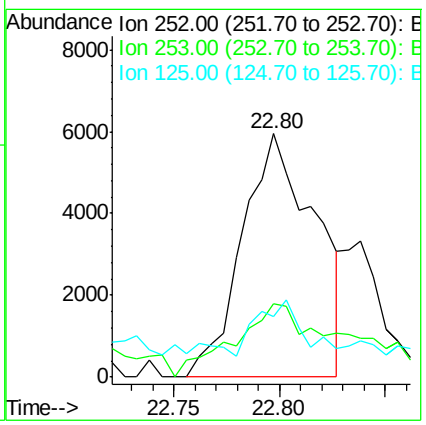


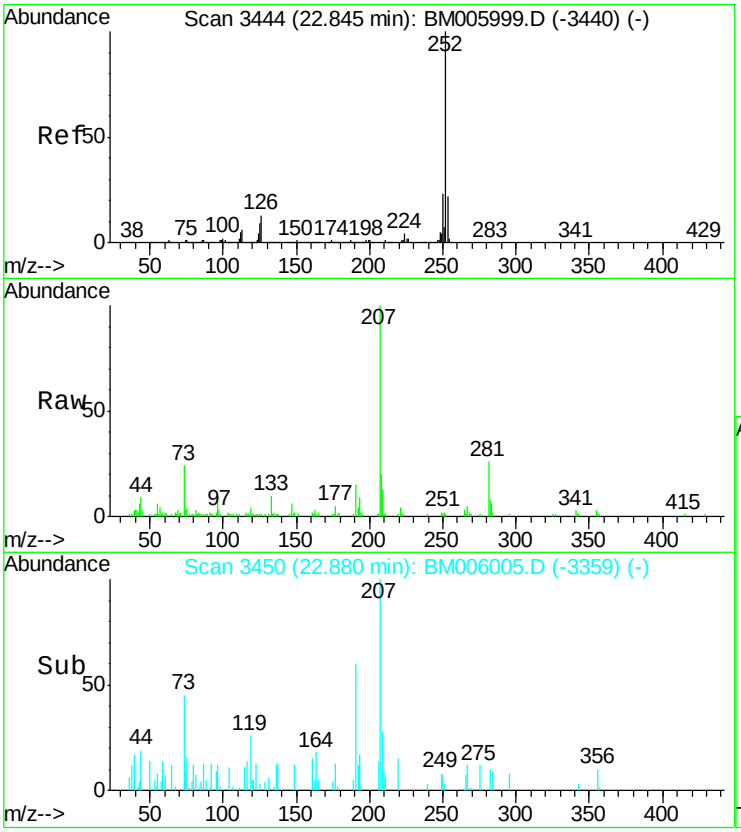


#35
Benzo(b)fluoranthene
Concen: 0.09 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Tgt Ion:252 Resp: 14295

Ion	Ratio	Lower	Upper
252	100		
253	30.1	17.2	25.8#
125	24.7	6.8	10.2#



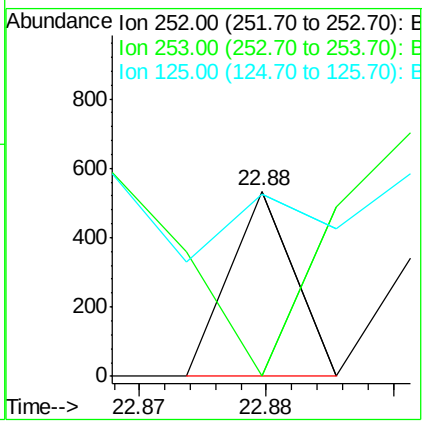


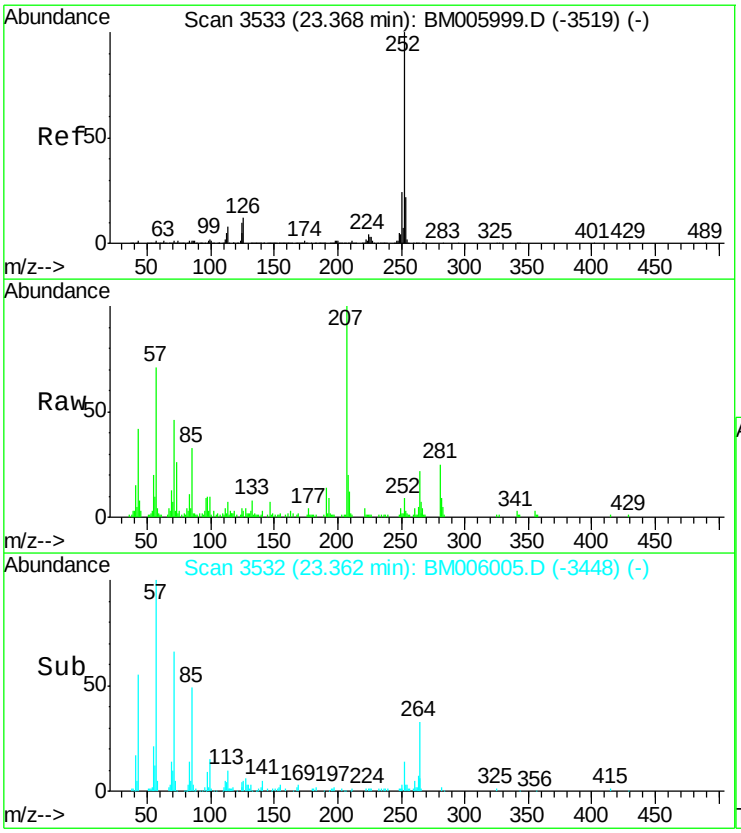
#36
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. 0.03 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:252 Resp: 189

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	98.7	7.0	10.4#

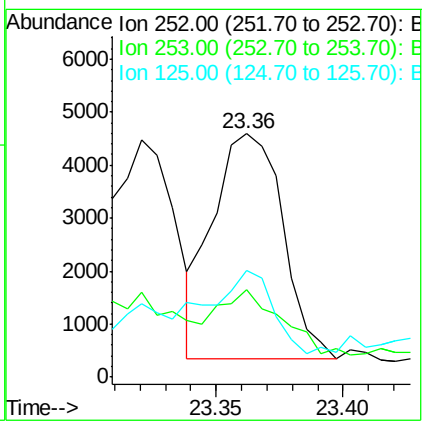


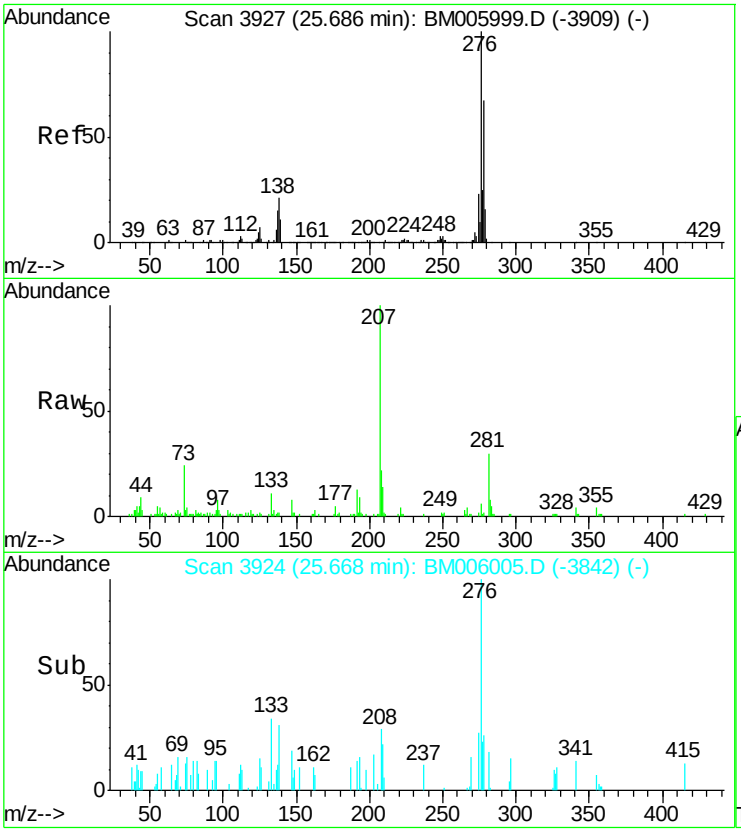


#38
Benzo(a)pyrene
Concen: 0.05 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Tgt Ion:252 Resp: 8177

Ion	Ratio	Lower	Upper
252	100		
253	35.8	17.6	26.4#
125	43.9	7.8	11.6#



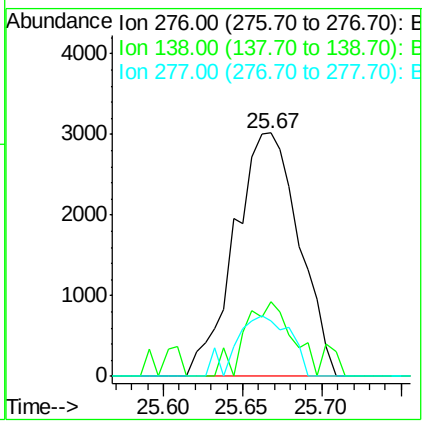


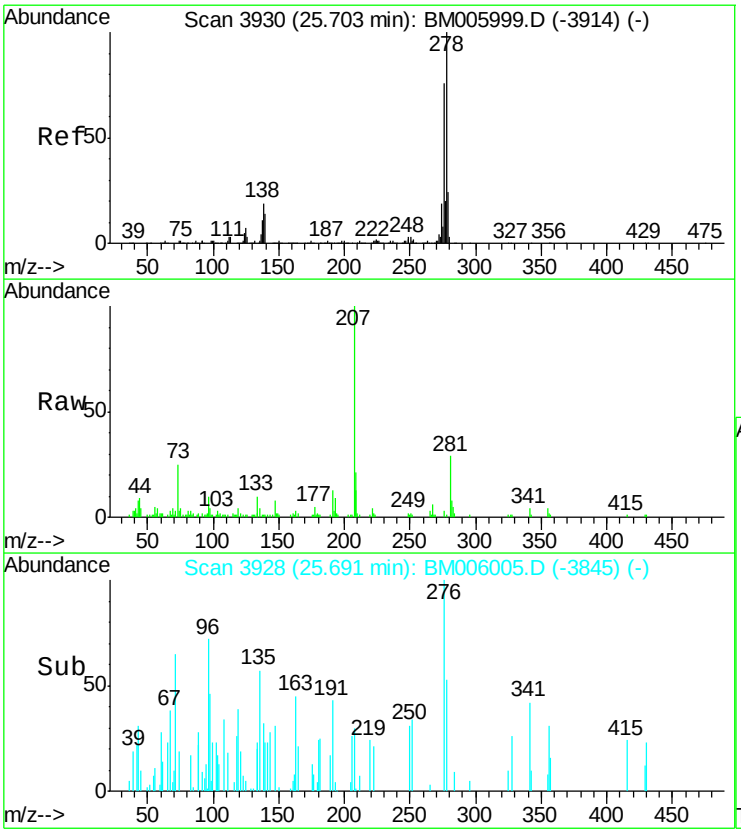
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.05 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:276 Resp: 8542

Ion	Ratio	Lower	Upper
276	100		
138	30.8	16.6	25.0#
277	22.7	19.6	29.4

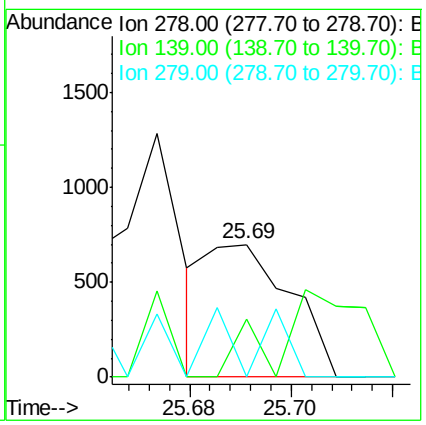


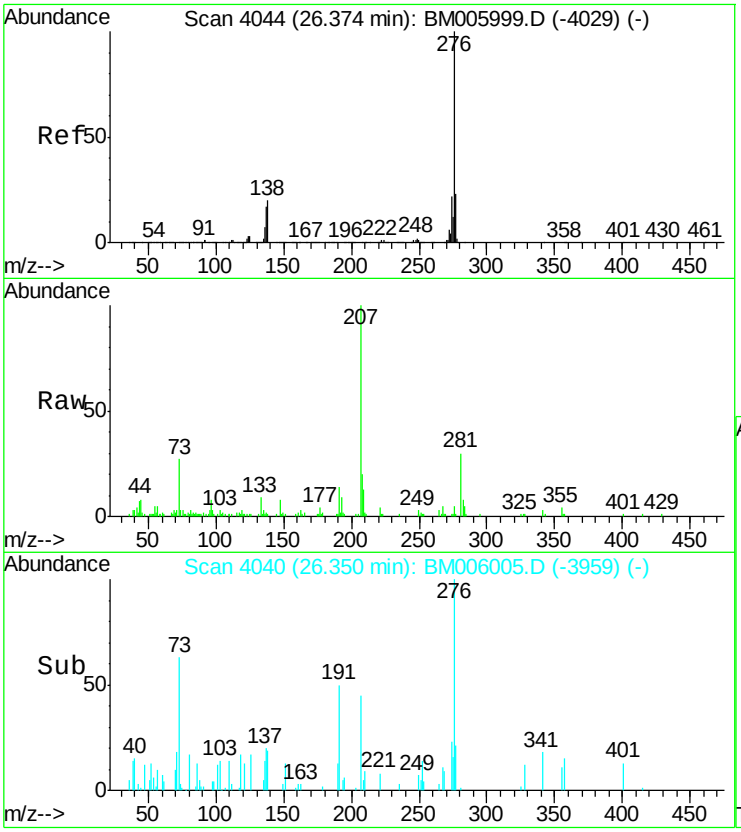


#40
Dibenzo(a,h)anthracene
Concen: 0.01 ng/ul
RT: 25.69 min Scan# 3928
Delta R.T. -0.01 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Tgt Ion:278 Resp: 801

Ion	Ratio	Lower	Upper
278	100		
139	43.8	11.4	17.2#
279	0.0	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 0.05 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.02 min
Lab File: BM006005.D
Acq: 25 Jun 2016 17:26

Instrument :
BNA_M
ClientSampleId :
D9Y66

Tgt Ion:276 Resp: 7896

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.9	23.9
277	20.6	19.2	28.8