Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
Data File : BM006161.D
Acq On : 30 Jun 2016 15:34
Operator : UM/SJ
Sample : H3779-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YD4MS

Quant Time: Jun 30 16:49:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	267994	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1211074	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	656163	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	1163538	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	897781	20.00	ng/ul	0.00
34) Perylene-d12	23.47	264	1055915	20.00	ng/ul	0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	10394	1.80	ng/uL	0.00
3) Phenol-d5	6.83	99	544627	24.88	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	328437	25.44	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	417305	24.83	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	444724	25.24	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	212988	26.11	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	234526	25.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	428204	25.14	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	363477	27.00	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1231934	26.19	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1544873	27.07	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	173022	19.39	ng/ul	0.00
21) Fluorene-d10	15.30	176	997695	24.86	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	90967	22.07	ng/ul	0.00
26) Anthracene-d10	17.15	188	1307701	28.02	ng/ul	0.00
30) Pyrene-d10	19.46	212	1124211	31.10	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.34	264	1162895	27.67	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.49	128	146650	2.77	ng/ul	98
18) Acenaphthylene	14.03	152	218732	3.66	ng/ul	99
19) Acenaphthene	14.37	153	825255	21.64	ng/ul	99
22) Fluorene	15.36	166	67027	1.54	ng/ul	94
25) Phenanthrene	17.10	178	1247697	22.66	ng/ul	100
27) Anthracene	17.19	178	394788	6.98	ng/ul	99
28) Fluoranthene	19.12	202	3135040	46.49	ng/ul	98
31) Pyrene	19.49	202	3450736	72.87	ng/ul	95
32) Benzo(a)anthracene	21.24	228	1734354	37.15	ng/ul	97
33) Chrysene	21.29	228	1733981	40.34	ng/ul	98
35) Benzo(b)fluoranthene	22.82	252	2982487	54.43	ng/ul	98
36) Benzo(k)fluoranthene	22.82	252	2982487	58.01	ng/ul	98
38) Benzo(a)pyrene	23.39	252	1934624	37.37	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.71	276	1600373	29.74	ng/ul#	94
40) Dibenzo(a,h)anthracene	25.71	278	451459	10.14	ng/ul#	91
41) Benzo(g,h,i)perylene	26.39	276	1352096	30.02	ng/ul	98

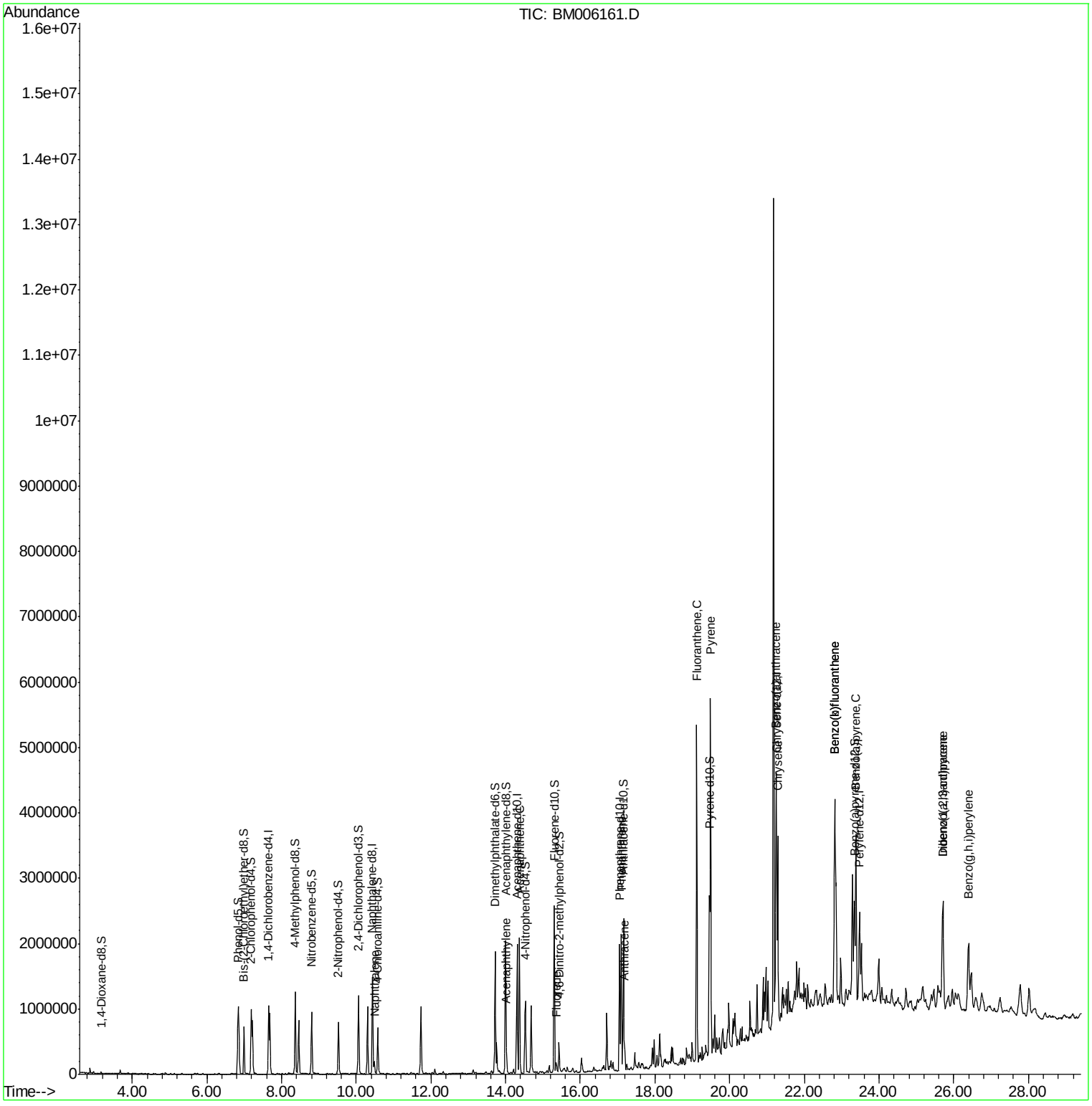
(#) = qualifier out of range (m) = manual integration (+) = signals summed

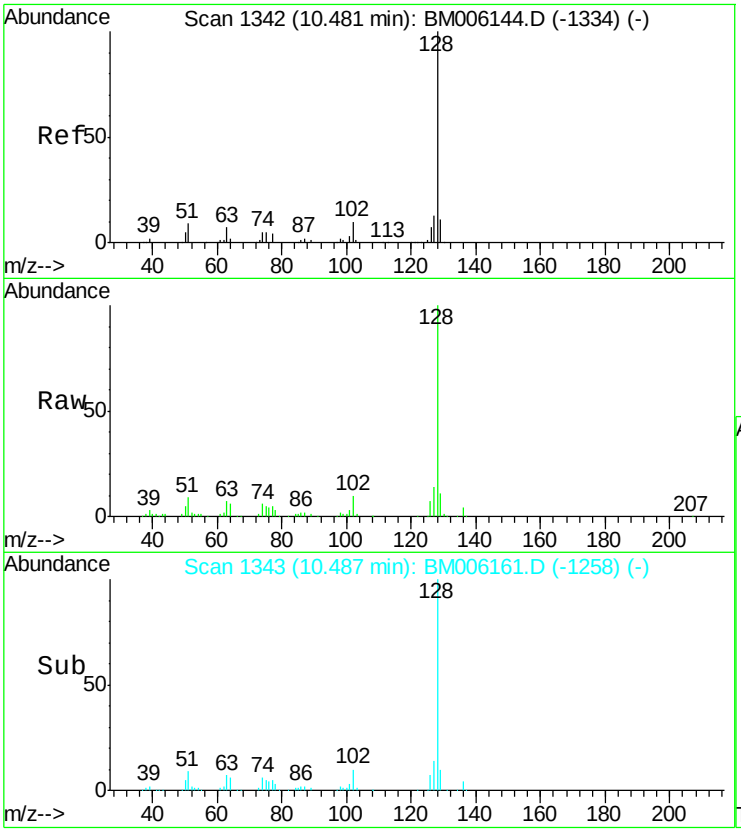
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM063016\
Data File : BM006161.D
Acq On : 30 Jun 2016 15:34
Operator : UM/SJ
Sample : H3779-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Quant Time: Jun 30 16:49:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration



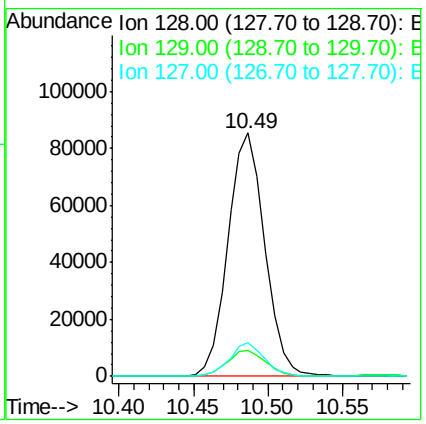


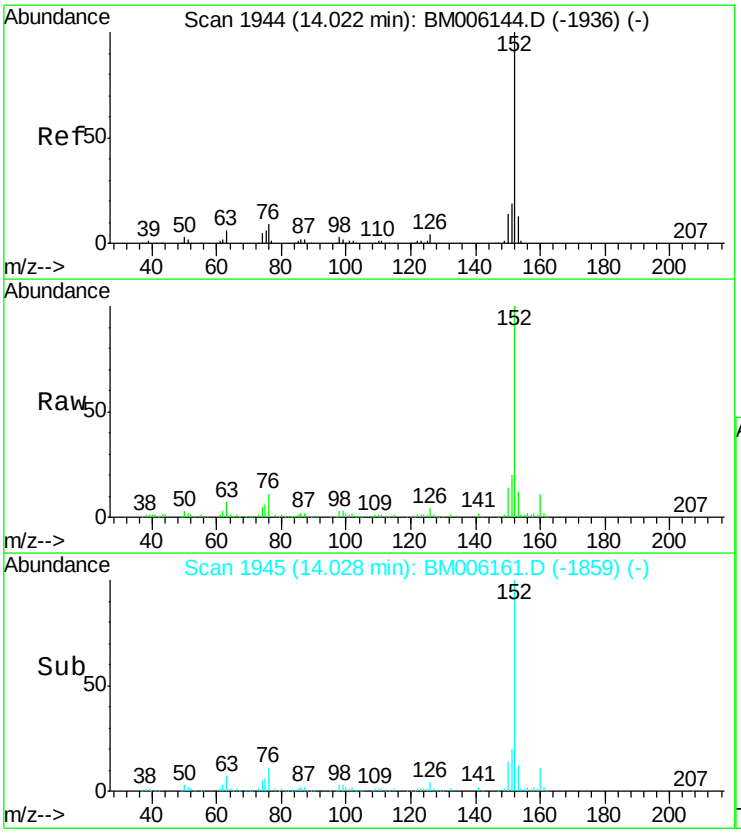
#11
Naphthalene
Concen: 2.77 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:128 Resp: 146650

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.9	13.3
127	13.9	10.5	15.7

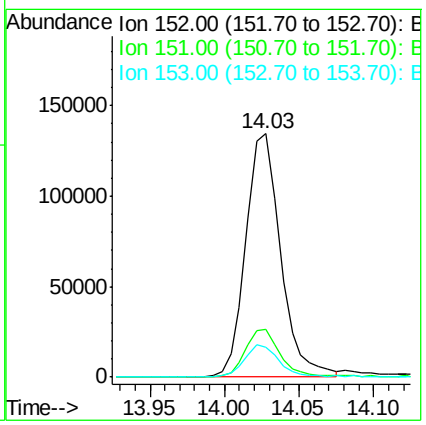


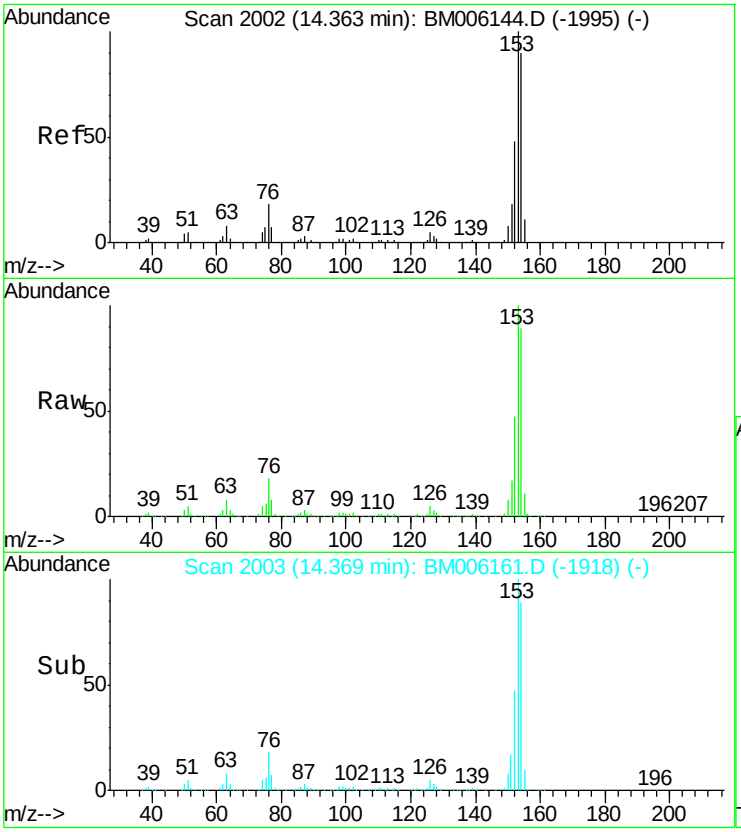


#18
Acenaphthylene
Concen: 3.66 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:152 Resp: 218732

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.6
153	12.2	10.3	15.5



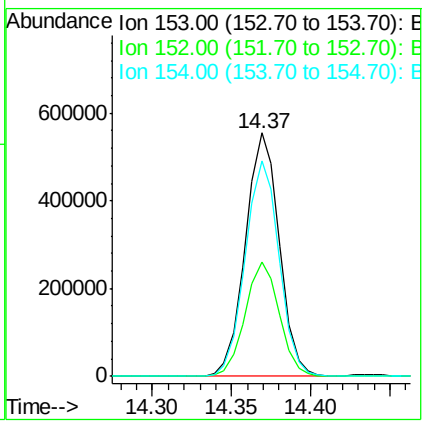


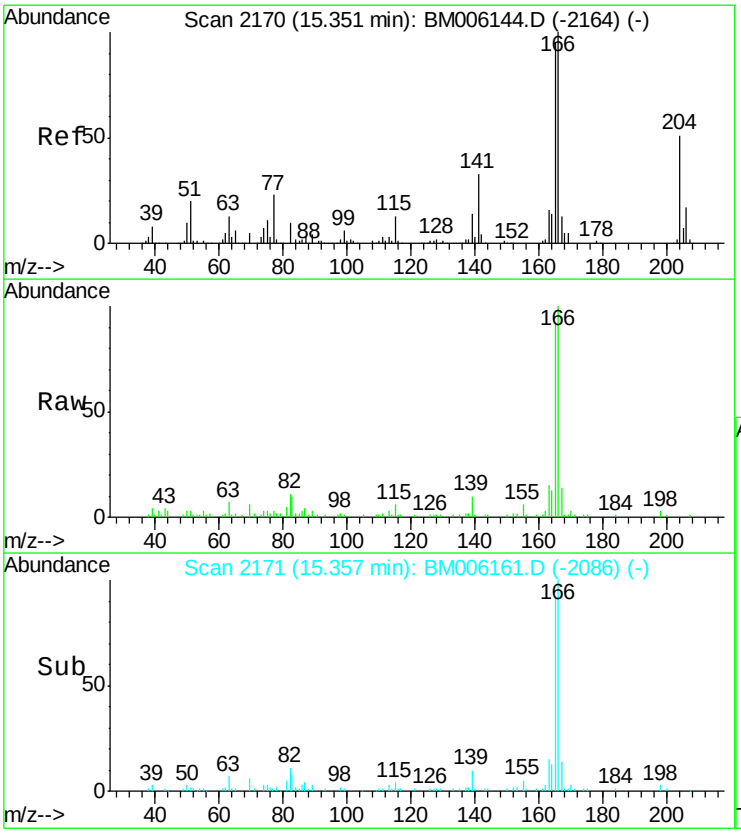
#19
Acenaphthene
Concen: 21.64 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:153 Resp: 825255

Ion	Ratio	Lower	Upper
153	100		
152	46.9	38.1	57.1
154	88.7	71.6	107.4

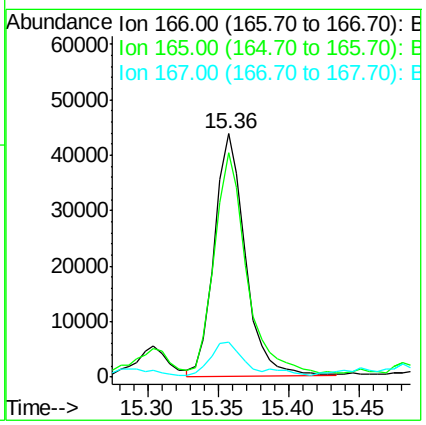


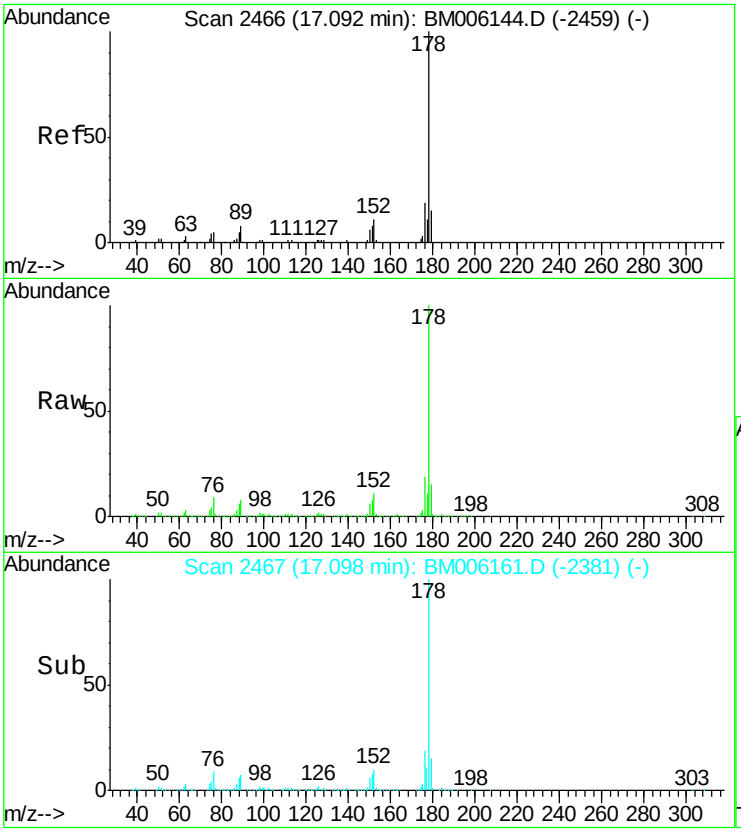


#22
Fluorene
Concen: 1.54 ng/ul
RT: 15.36 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:166 Resp: 67027

Ion	Ratio	Lower	Upper
166	100		
165	92.0	78.4	117.6
167	14.1	10.6	16.0



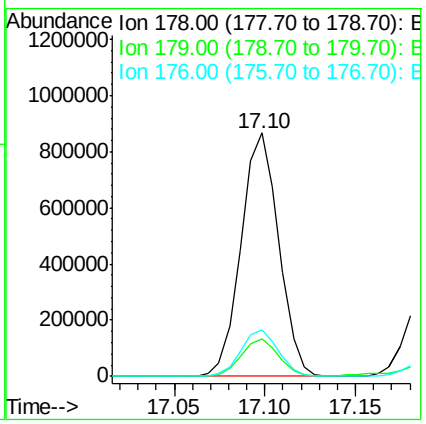


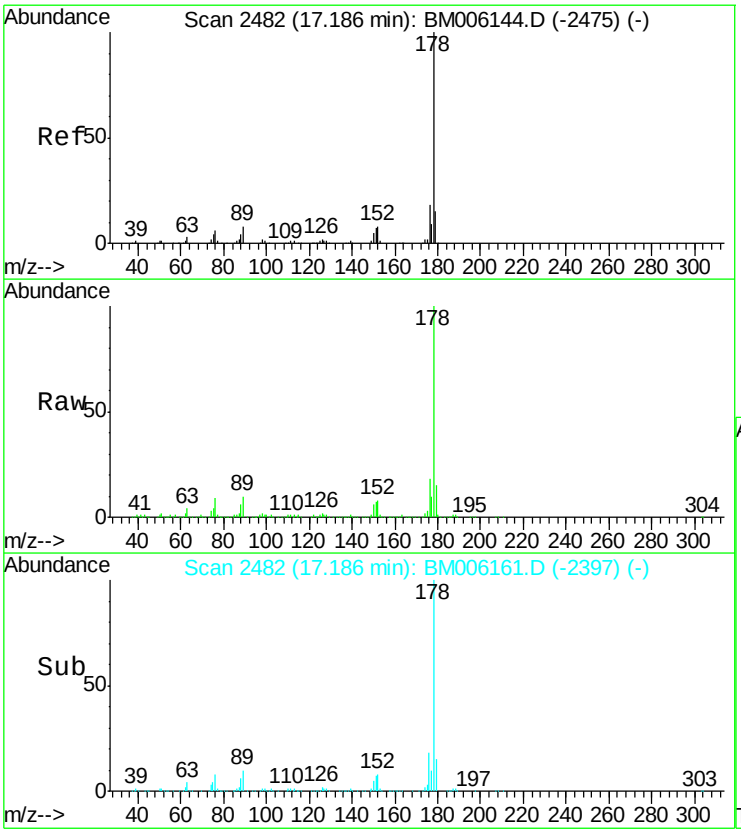
#25
Phenanthrene
Concen: 22.66 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:178 Resp: 1247697

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	19.0	15.3	22.9

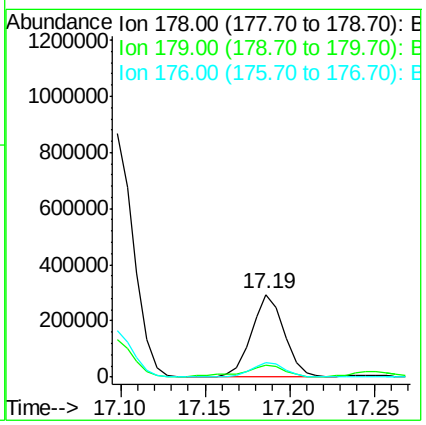


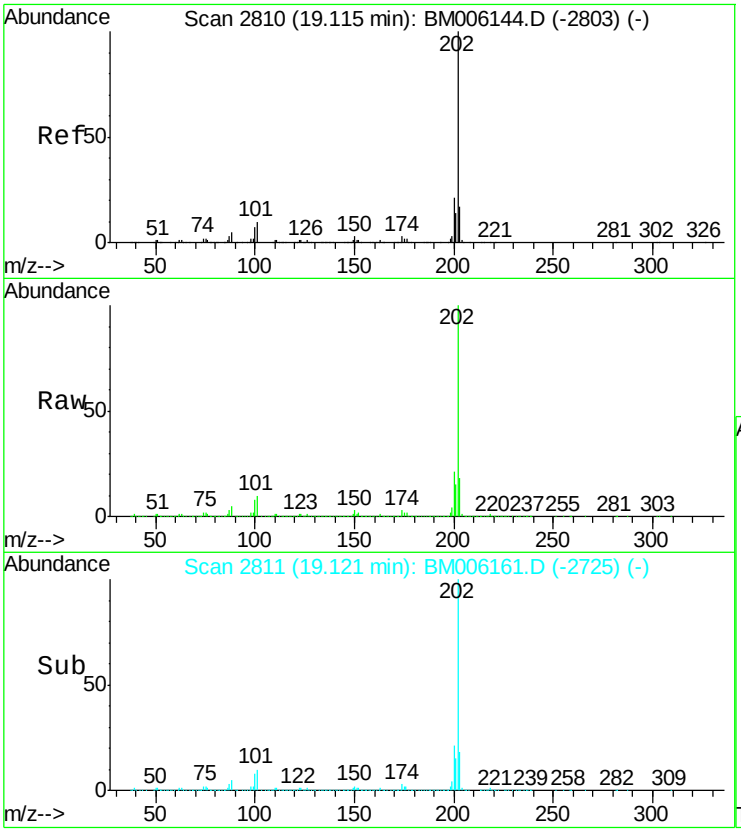


#27
Anthracene
Concen: 6.98 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:178 Resp: 394788

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.3	14.6	22.0



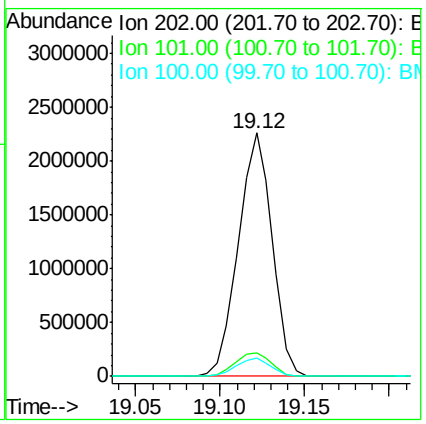


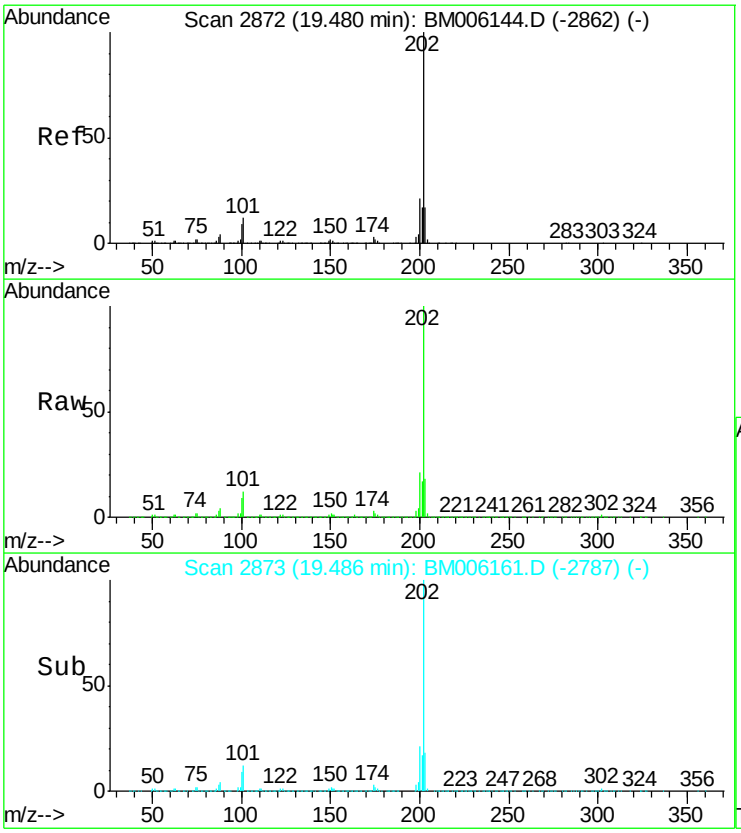
#28
Fluoranthene
Concen: 46.49 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:202 Resp: 3135040

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.5	12.7
100	7.5	6.5	9.7

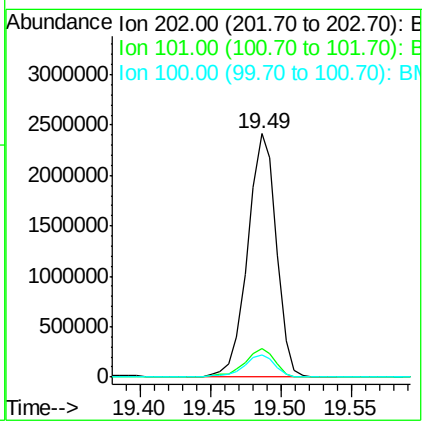


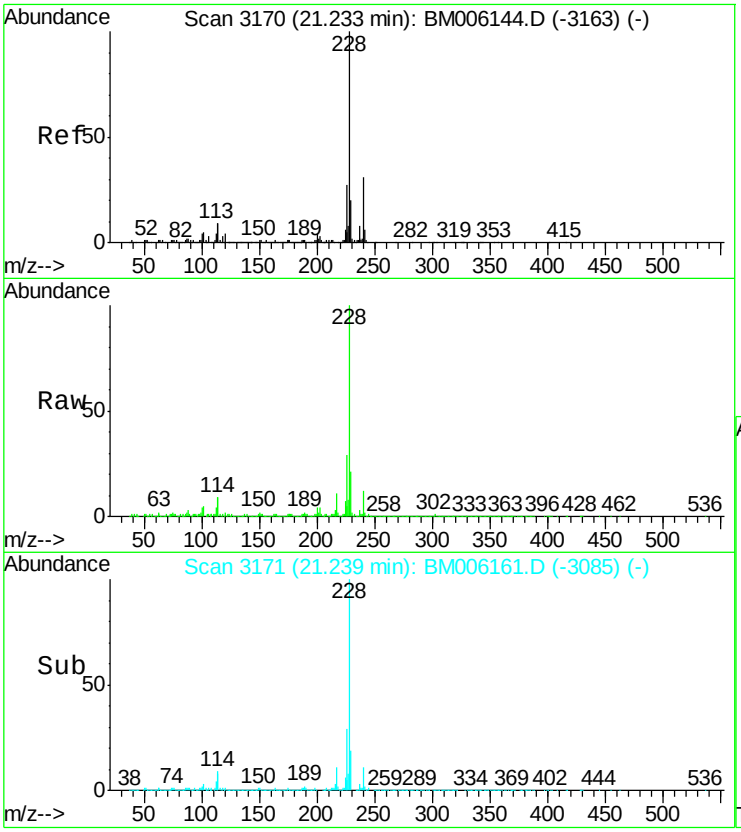


#31
Pyrene
Concen: 72.87 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:202 Resp: 3450736

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.0	16.4
100	9.3	8.9	13.3



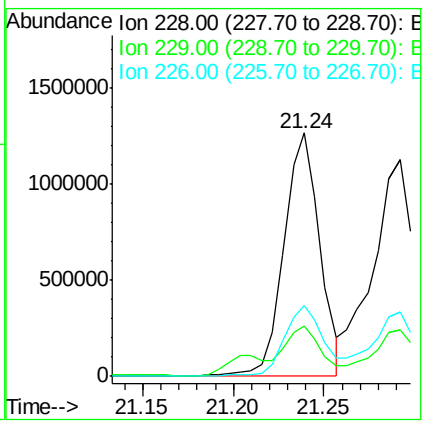


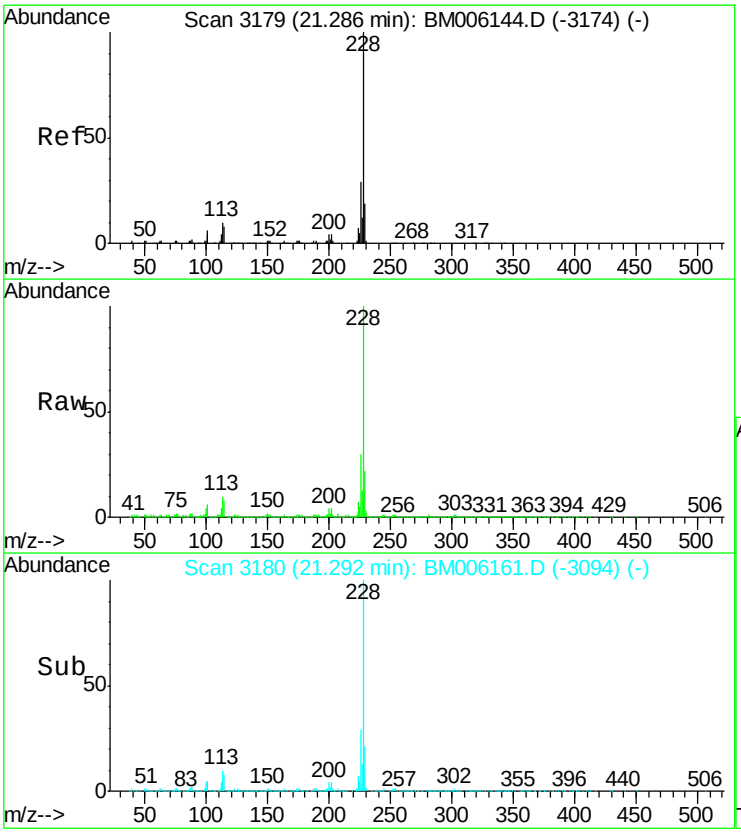
#32
Benzo(a)anthracene
Concen: 37.15 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:228 Resp: 1734354

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	29.0	21.6	32.4

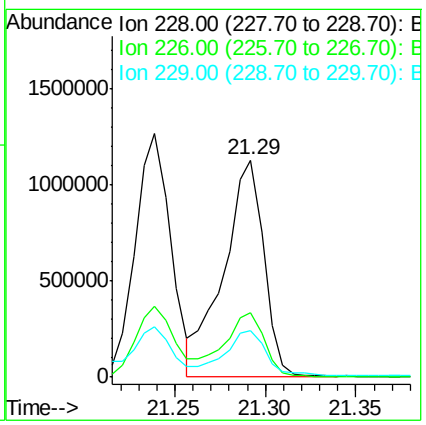


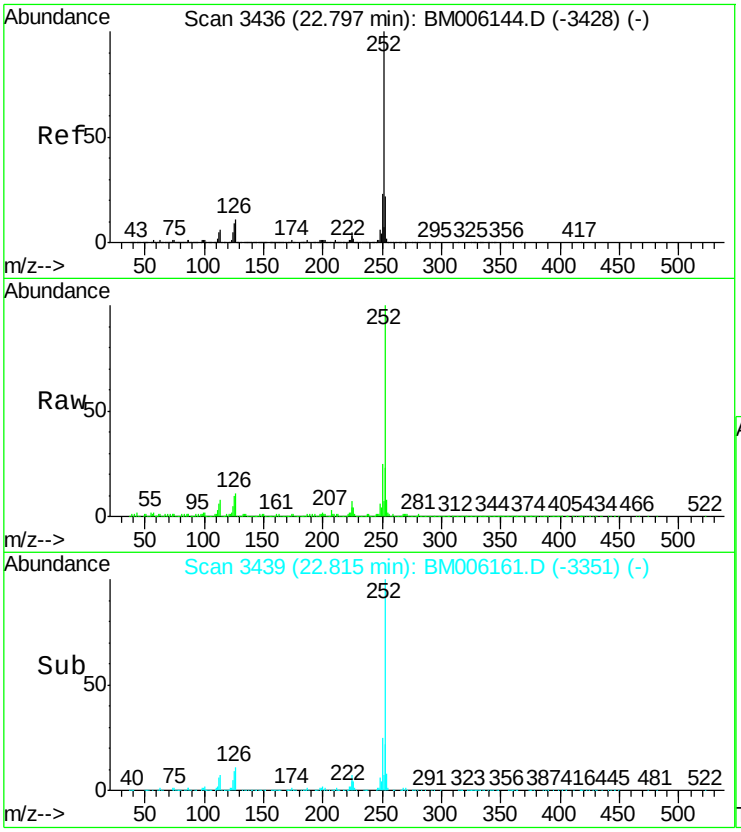


#33
Chrysene
Concen: 40.34 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:228 Resp: 1733981

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.6
229	21.7	15.8	23.6



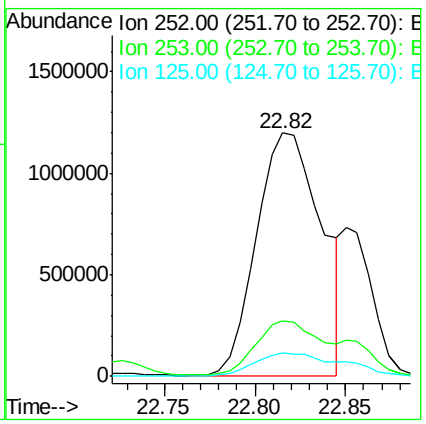


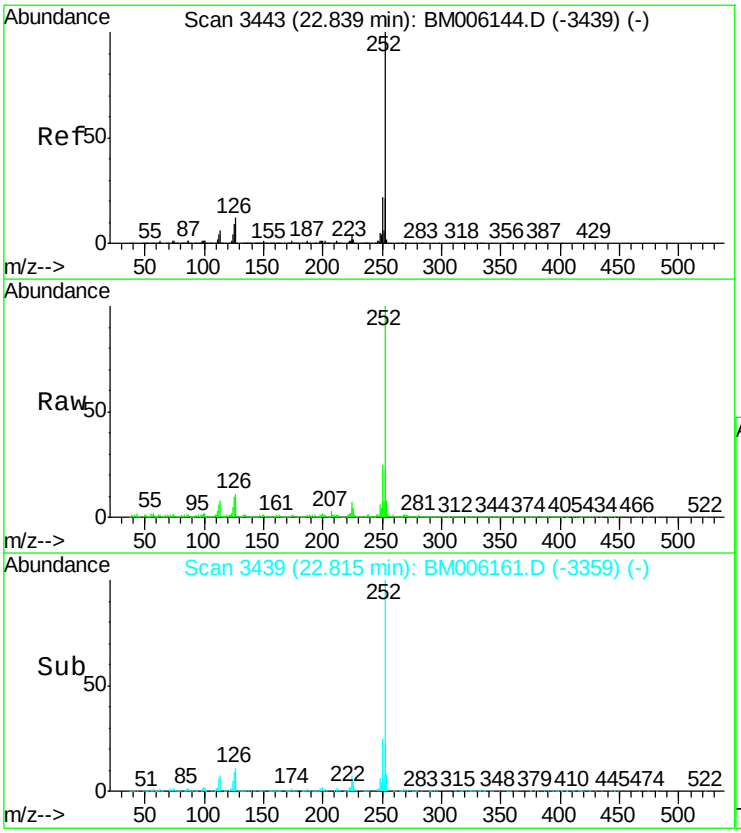
#35
Benzo(b)fluoranthene
Concen: 54.43 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:252 Resp: 2982487

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	9.6	7.8	11.6

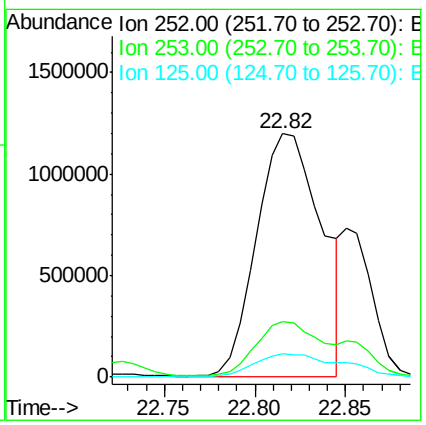


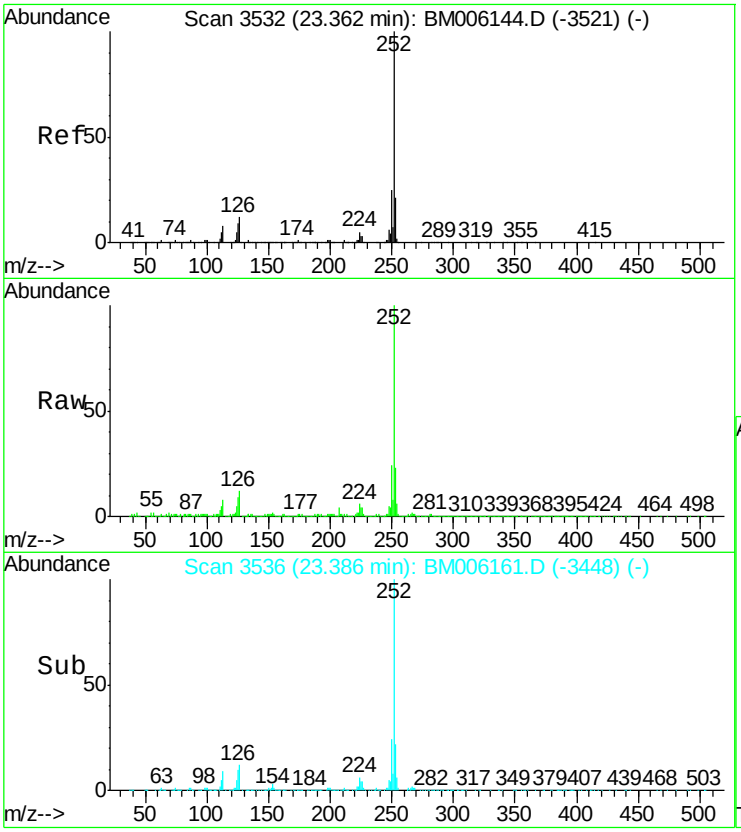


#36
Benzo(k)fluoranthene
Concen: 58.01 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:252 Resp: 2982487

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	9.6	8.1	12.1



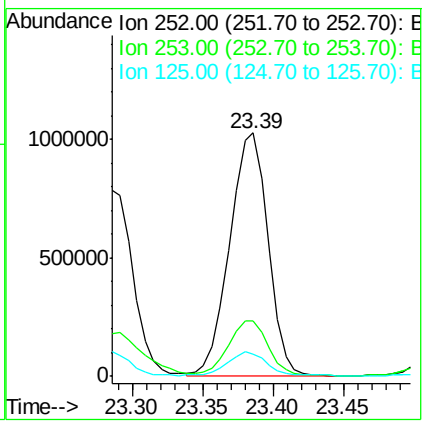


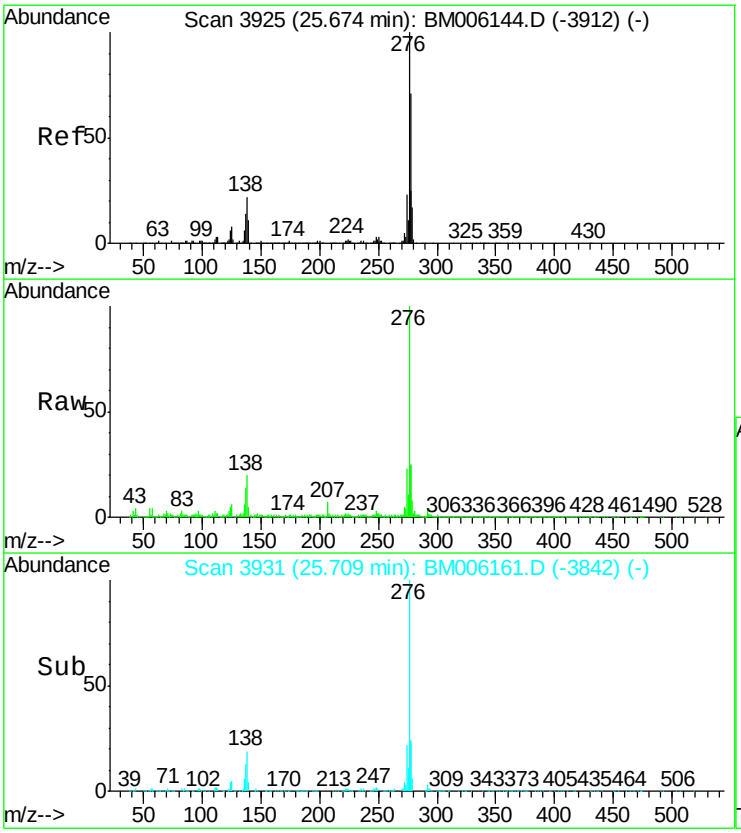
#38
Benzo(a)pyrene
Concen: 37.37 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.02 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:252 Resp: 1934624

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	9.2	8.7	13.1

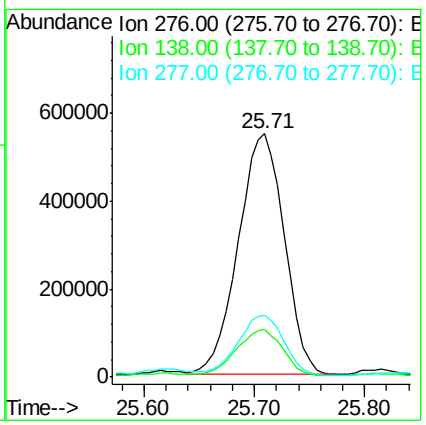


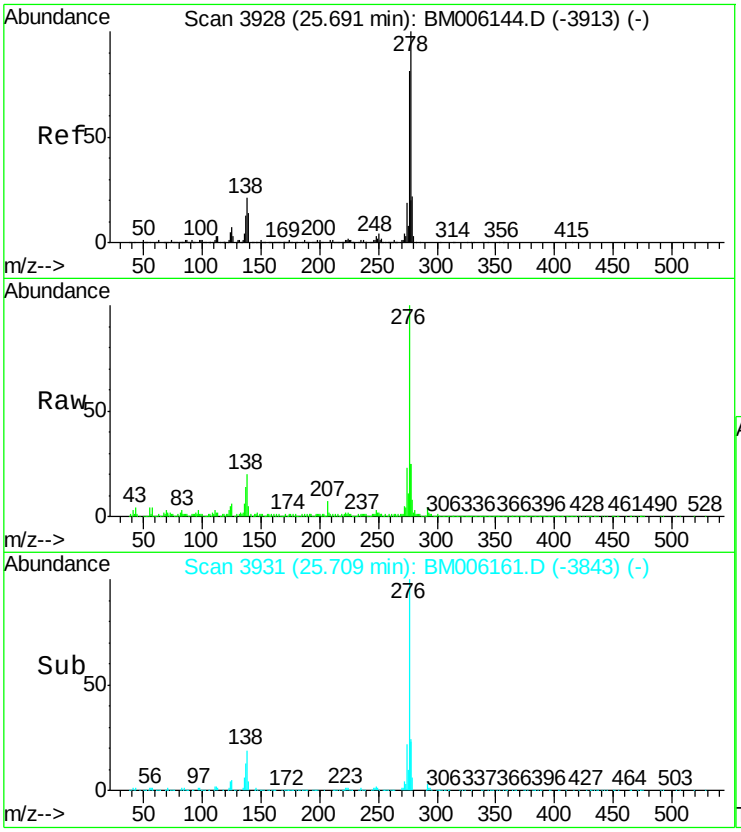


#39
Indeno(1,2,3-cd)pyrene
Concen: 29.74 ng/ul
RT: 25.71 min Scan# 3931
Delta R.T. 0.02 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:276 Resp: 1600373

Ion	Ratio	Lower	Upper
276	100		
138	19.7	20.4	30.6#
277	25.2	20.6	30.8



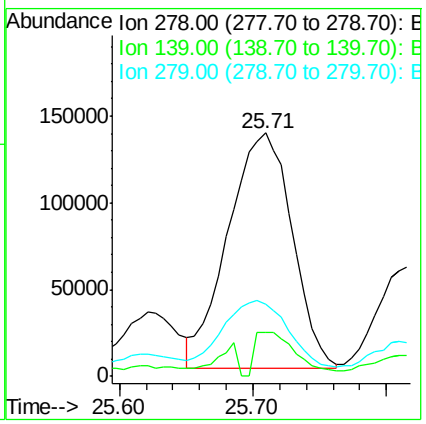


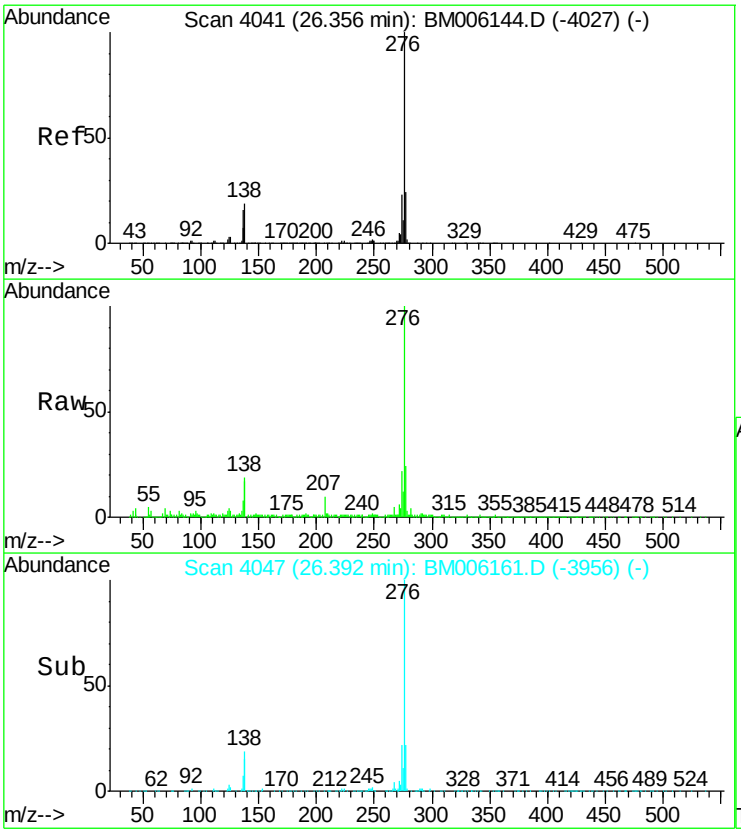
#40
Dibenzo(a,h)anthracene
Concen: 10.14 ng/ul
RT: 25.71 min Scan# 3931
Delta R.T. 0.02 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Instrument :
BNA_M
ClientSampleId :
D9YD4MS

Tgt Ion:278 Resp: 451459

Ion	Ratio	Lower	Upper
278	100		
139	17.9	13.0	19.4
279	29.6	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 30.02 ng/ul
RT: 26.39 min Scan# 4047
Delta R.T. 0.04 min
Lab File: BM006161.D
Acq: 30 Jun 2016 15:34

Tgt Ion:276 Resp: 1352096

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.6	25.0
277	24.1	18.9	28.3