Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM063016\
Data File : BM006168.D
Acq On : 30 Jun 2016 21:36
Operator : UM/SJ
Sample : H3780-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YF9

Quant Time: Jul 01 00:59:37 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	7.66	152	205009	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	799670	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	408137	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	866011	20.00	ng/ul	0.00
29) Chrysene-d12	21.26	240	909538	20.00	ng/ul	0.00
34) Perylene-d12	23.48	264	1012261	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	5444	1.23	ng/uL	0.00
3) Phenol-d5	6.83	99	352589	21.05	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	217136	21.99	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	275520	21.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	278801	20.68	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	134279	24.93	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	148560	24.10	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	262541	23.34	ng/ul	0.00
12) 4-Chloroaniline-d4	10.58	131	208876	23.49	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	729399	24.93	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	949056	26.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.53	143	134109	24.16	ng/ul	0.02
21) Fluorene-d10	15.30	176	637551	25.54	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.44	200	88822	28.96	ng/ul	0.01
26) Anthracene-d10	17.16	188	970553	27.94	ng/ul	0.00
30) Pyrene-d10	19.46	212	1044686	28.52	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.34	264	1083396	26.89	ng/ul	0.02
Target Compounds						Qvalue
18) Acenaphthylene	14.03	152	66617	1.79	ng/ul	99
19) Acenaphthene	14.37	153	24150	1.02	ng/ul	98
25) Phenanthrene	17.10	178	446828	10.90	ng/ul	99
27) Anthracene	17.19	178	156556	3.72	ng/ul	98
28) Fluoranthene	19.12	202	1078853	21.49	ng/ul	99
31) Pyrene	19.49	202	1011827	21.09	ng/ul	98
32) Benzo(a)anthracene	21.24	228	631316	13.35	ng/ul	96
33) Chrysene	21.29	228	706961	16.24	ng/ul	97
35) Benzo(b)fluoranthene	22.82	252	1108912	21.11	ng/ul	97
36) Benzo(k)fluoranthene	22.82	252	1108912	22.50	ng/ul	98
38) Benzo(a)pyrene	23.39	252	708662	14.28	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.47	276	83591	1.62	ng/ul	91
40) Dibenzo(a,h)anthracene	25.71	278	175377	4.11	ng/ul#	81
41) Benzo(g,h,i)perylene	26.40	276	542647	12.57	ng/ul	97

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

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Quant Time: Jul 01 00:59:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
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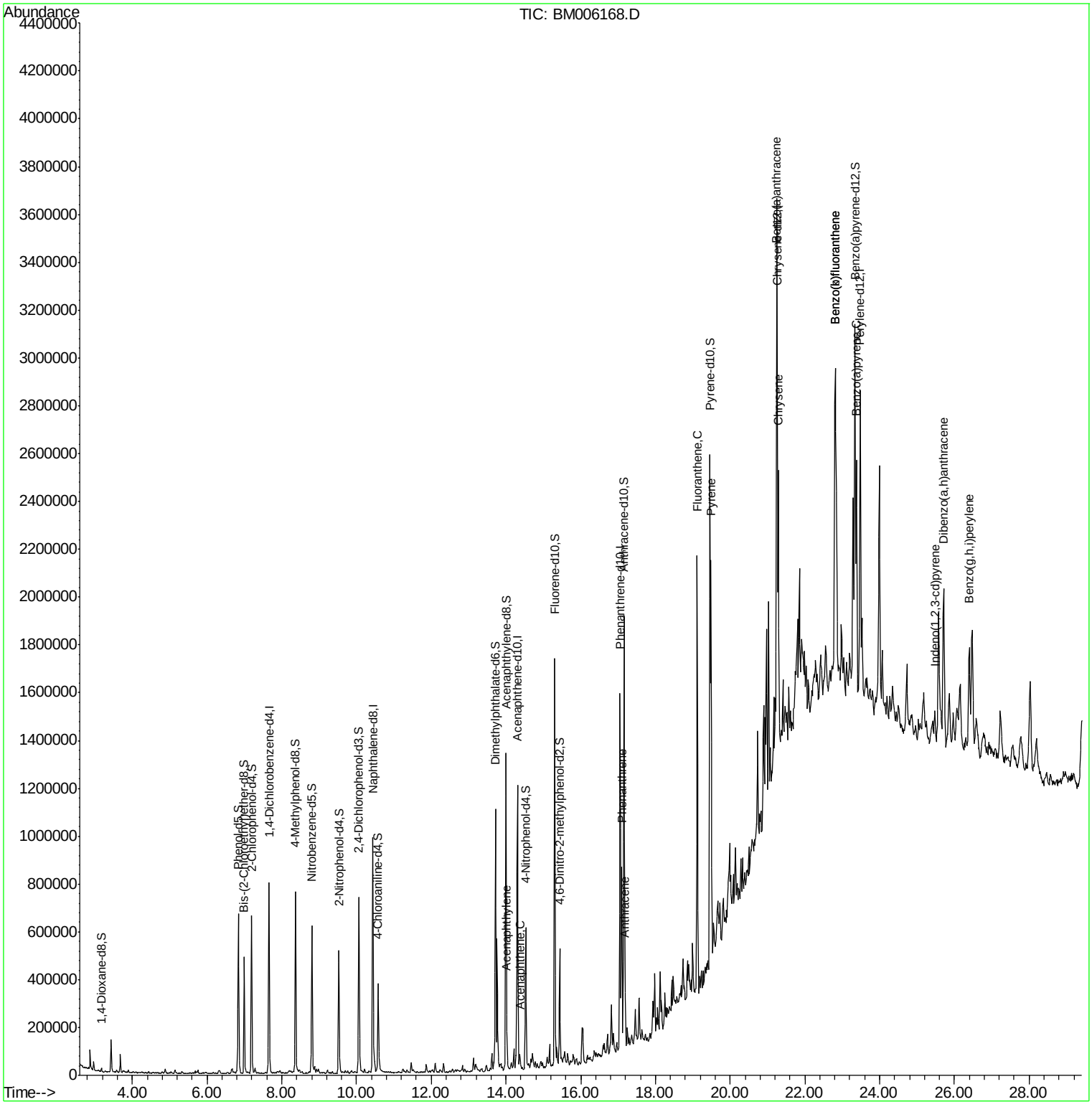
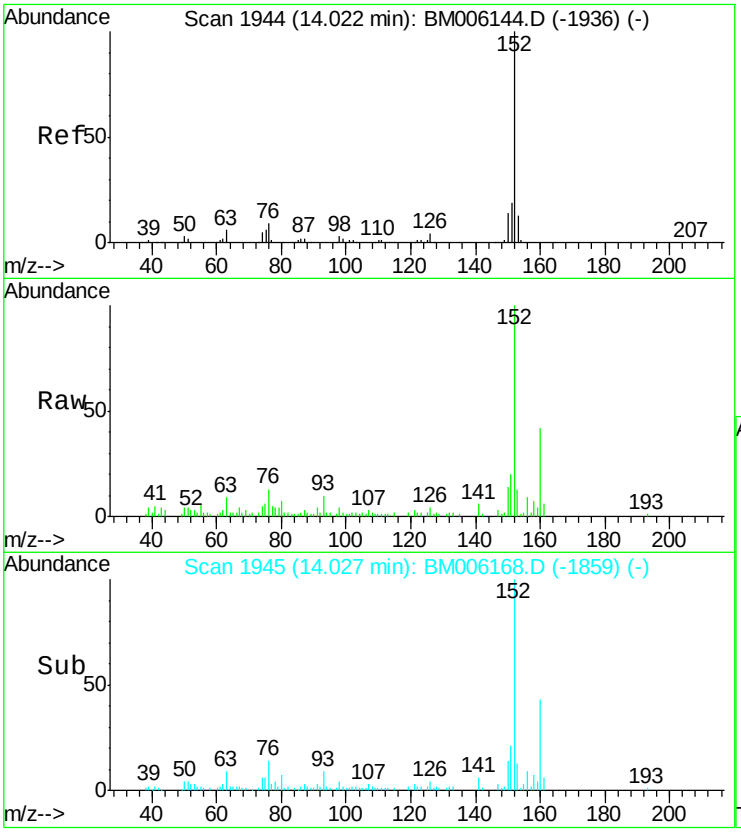


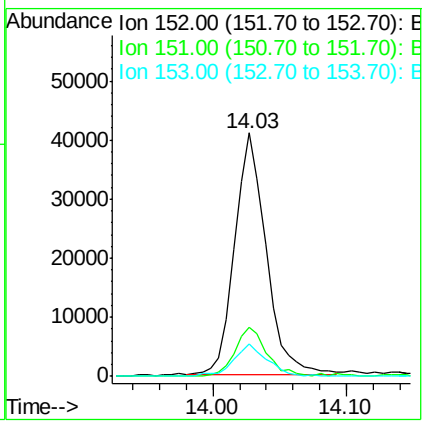


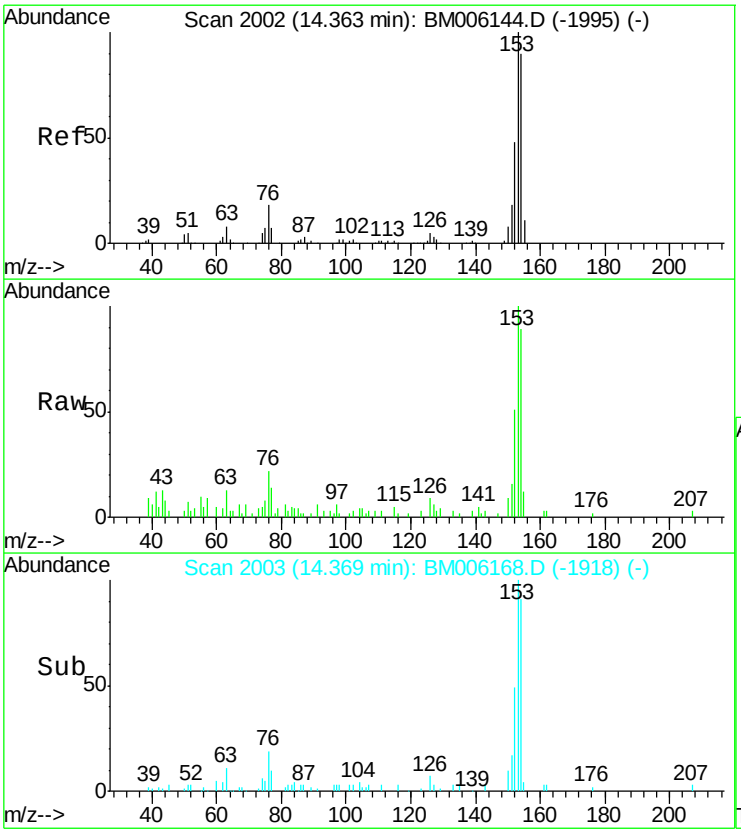
#18
Acenaphthylene
Concen: 1.79 ng/ul
RT: 14.03 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Instrument :
BNA_M
ClientSampleId :
D9YF9

Tgt Ion:152 Resp: 66617

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.6
153	13.3	10.3	15.5

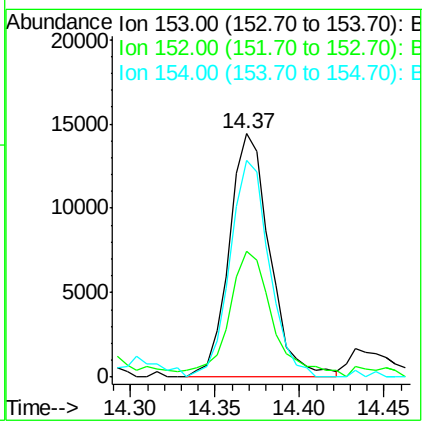


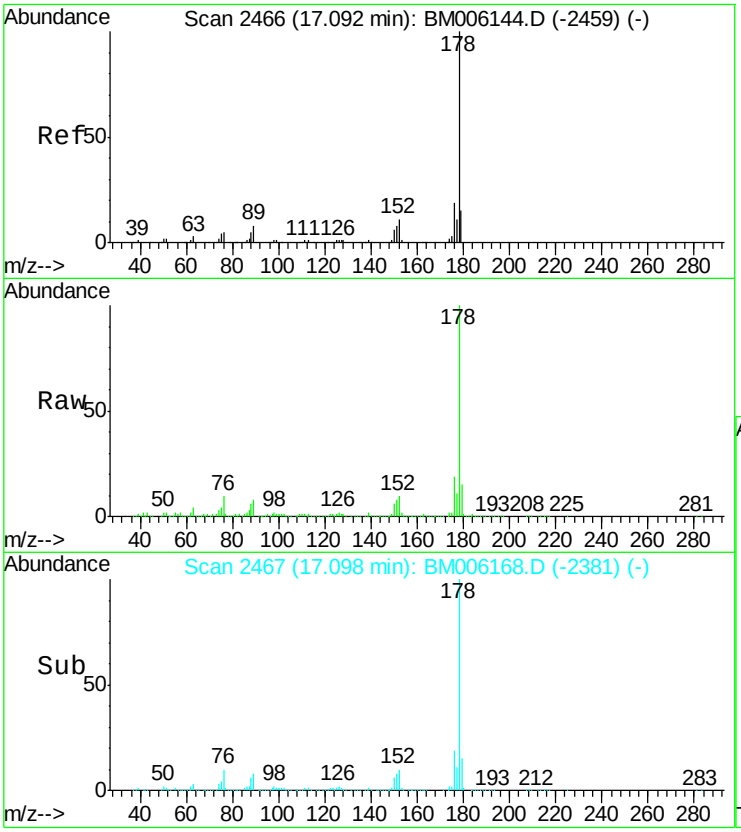


#19
Acenaphthene
Concen: 1.02 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Tgt Ion:153 Resp: 24150

Ion	Ratio	Lower	Upper
153	100		
152	51.4	38.1	57.1
154	89.0	71.6	107.4



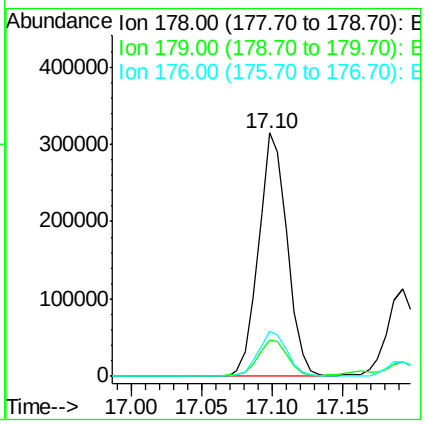


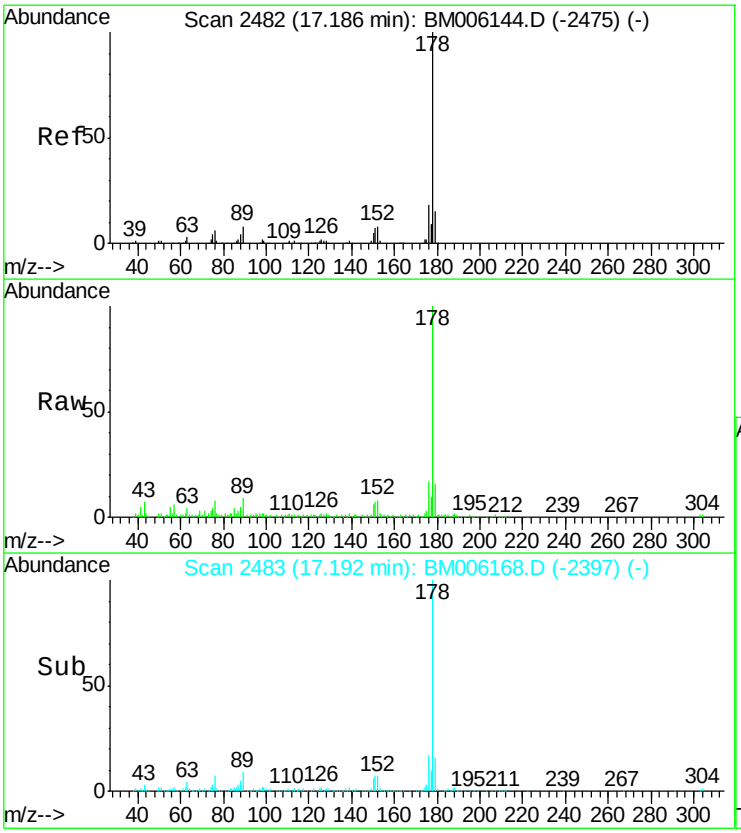
#25
Phenanthrene
Concen: 10.90 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Instrument :
BNA_M
ClientSampleId :
D9YF9

Tgt Ion:178 Resp: 446828

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.7	15.3	22.9

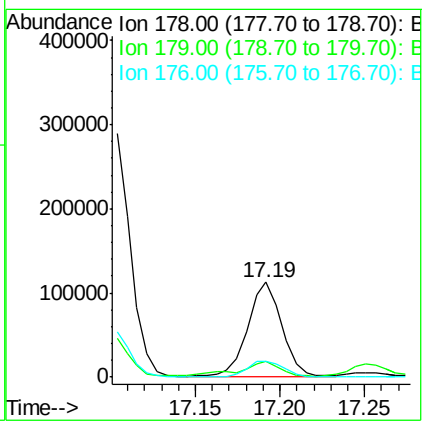


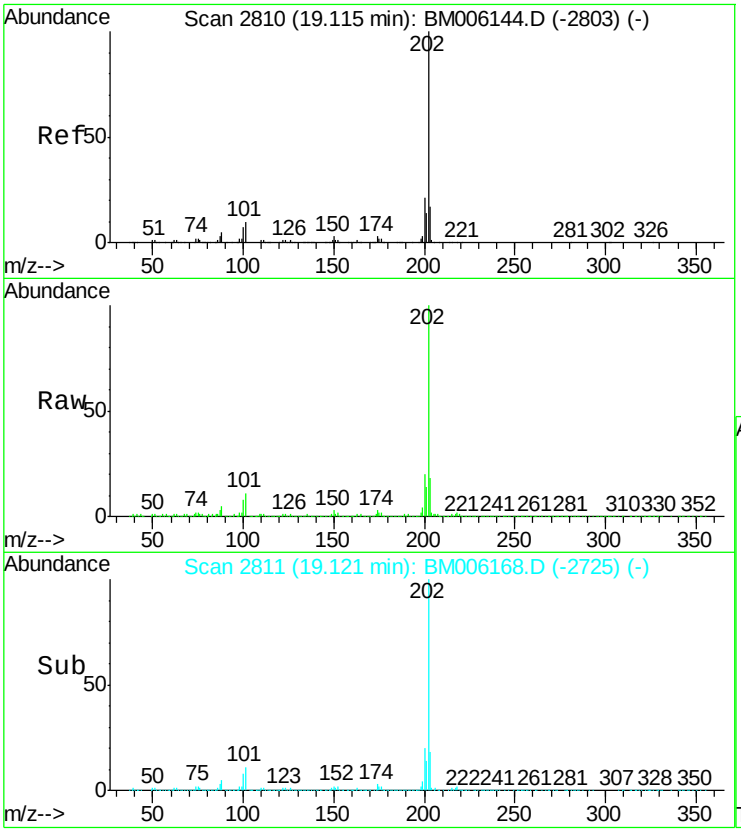


#27
Anthracene
Concen: 3.72 ng/ul
RT: 17.19 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Tgt Ion:178 Resp: 156556

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	17.3	14.6	22.0



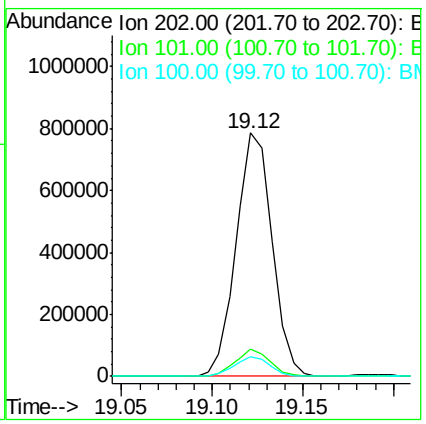


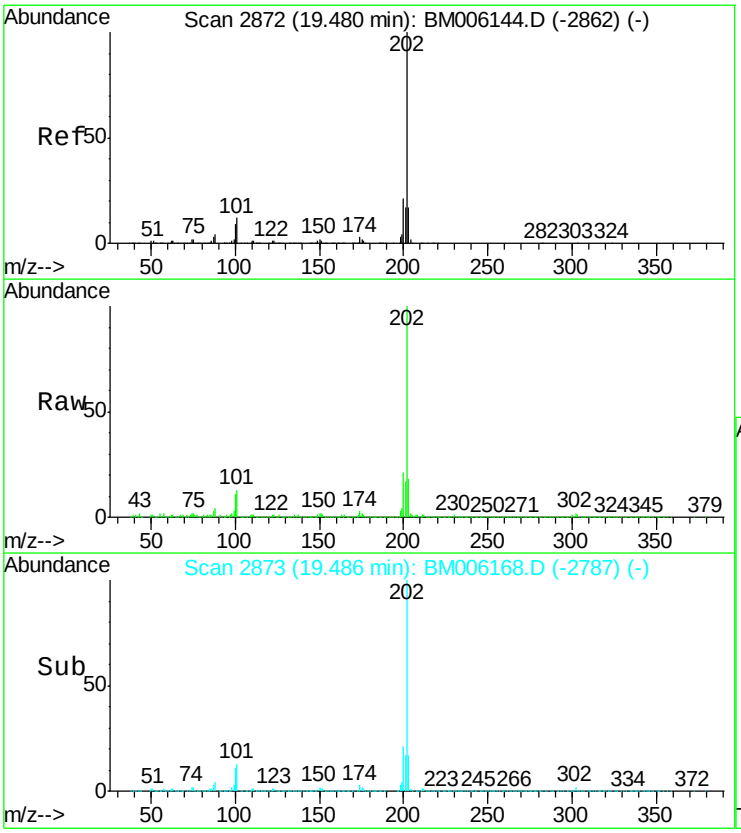
#28
Fluoranthene
Concen: 21.49 ng/ul
RT: 19.12 min Scan# 2811
Delta R.T. 0.01 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Instrument :
BNA_M
ClientSampleId :
D9YF9

Tgt Ion:202 Resp: 1078853

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.5	12.7
100	8.2	6.5	9.7

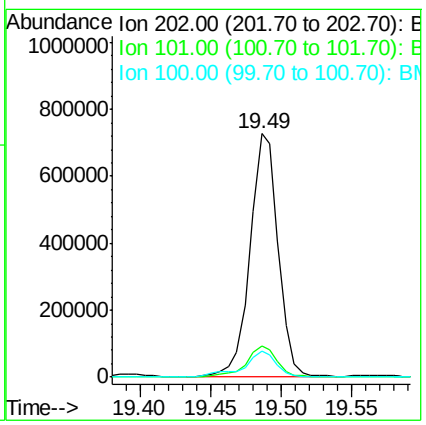


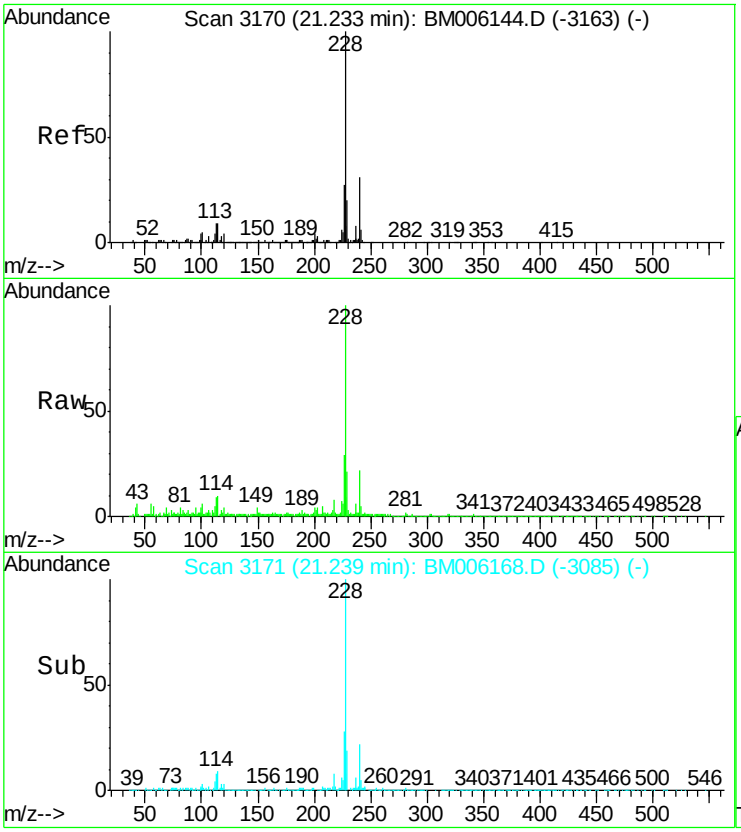


#31
Pyrene
Concen: 21.09 ng/ul
RT: 19.49 min Scan# 2873
Delta R.T. 0.01 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Tgt Ion:202 Resp: 1011827

Ion	Ratio	Lower	Upper
202	100		
101	12.9	11.0	16.4
100	10.6	8.9	13.3



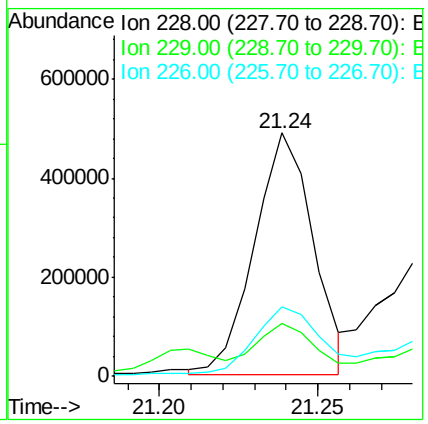


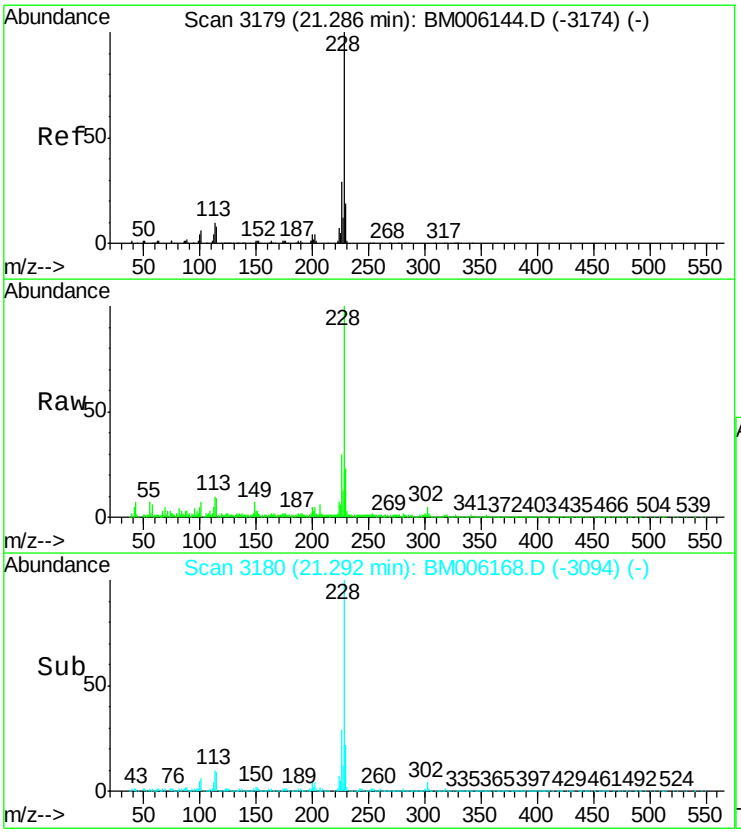
#32
Benzo(a)anthracene
Concen: 13.35 ng/ul
RT: 21.24 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Instrument :
BNA_M
ClientSampleId :
D9YF9

Tgt Ion:228 Resp: 631316

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	28.6	21.6	32.4

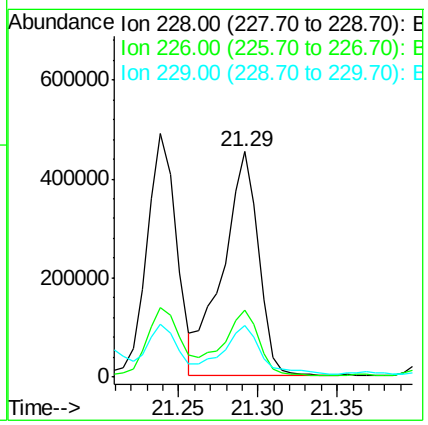


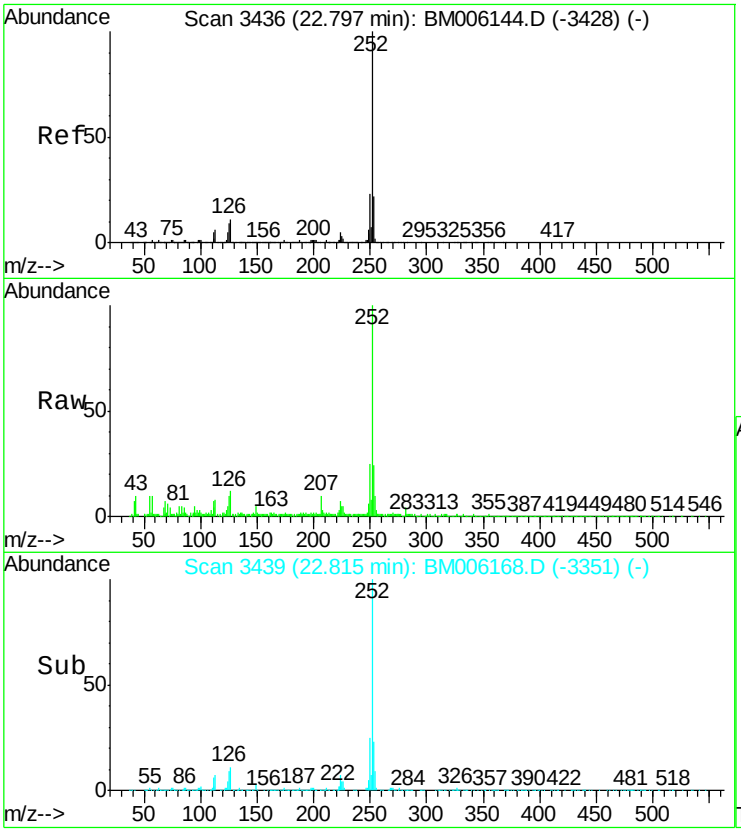


#33
Chrysene
Concen: 16.24 ng/ul
RT: 21.29 min Scan# 3180
Delta R.T. 0.01 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Tgt Ion:228 Resp: 706961

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	23.1	15.8	23.6



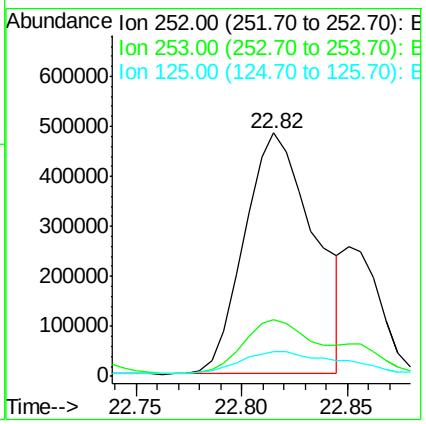


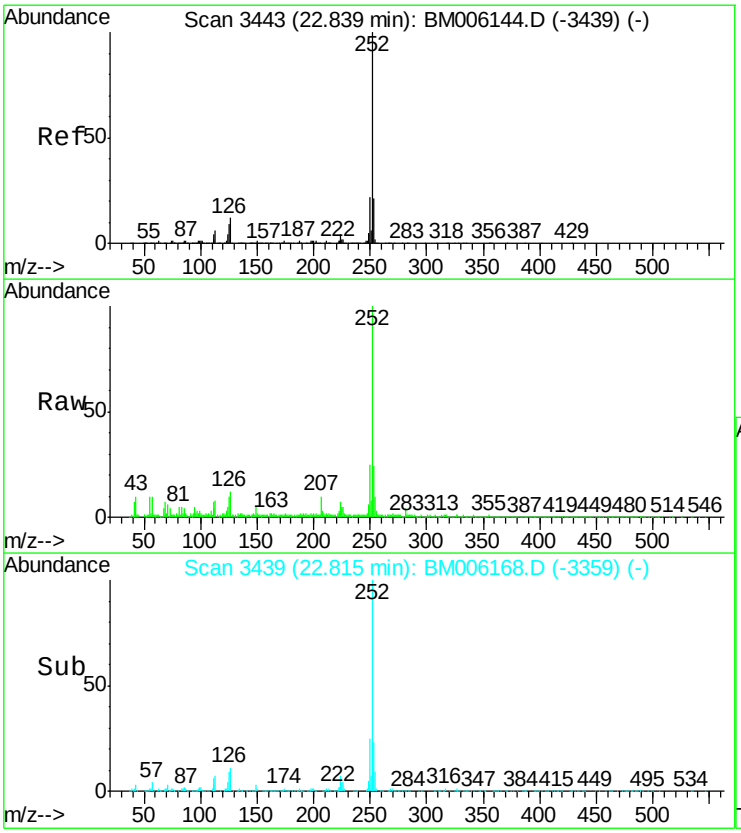
#35
Benzo(b)fluoranthene
Concen: 21.11 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Instrument :
BNA_M
ClientSampleId :
D9YF9

Tgt Ion:252 Resp: 1108912

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	10.1	7.8	11.6

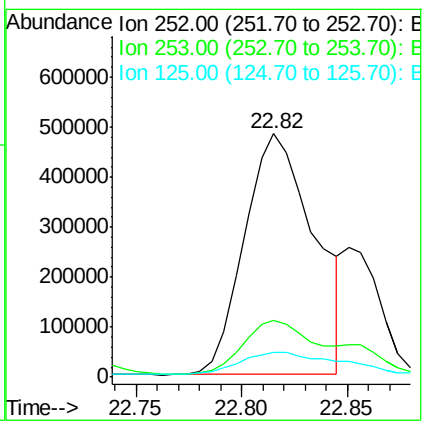


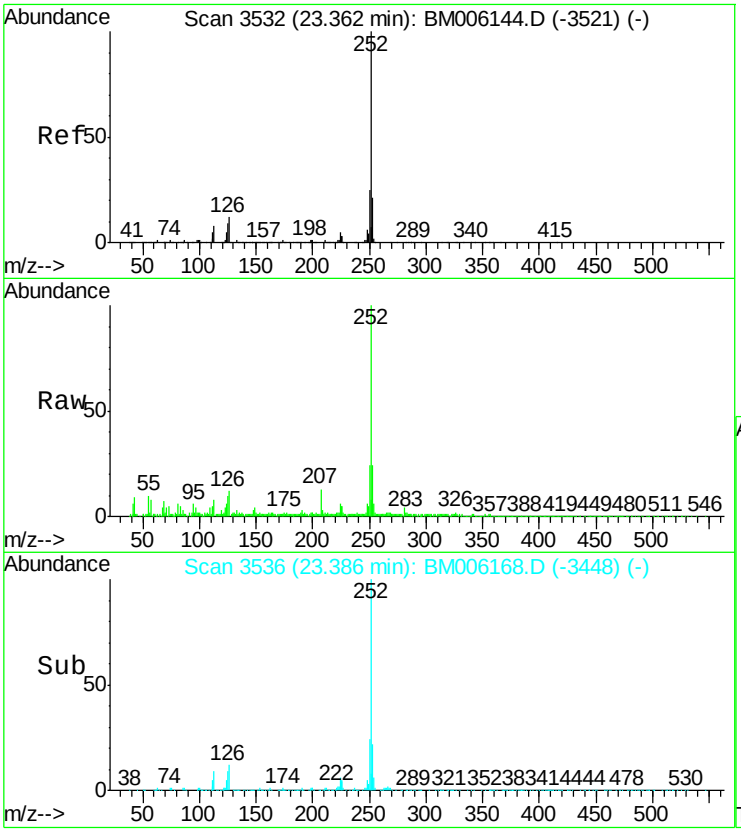


#36
Benzo(k)fluoranthene
Concen: 22.50 ng/ul
RT: 22.82 min Scan# 3439
Delta R.T. -0.03 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Tgt Ion:252 Resp: 1108912

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	10.1	8.1	12.1



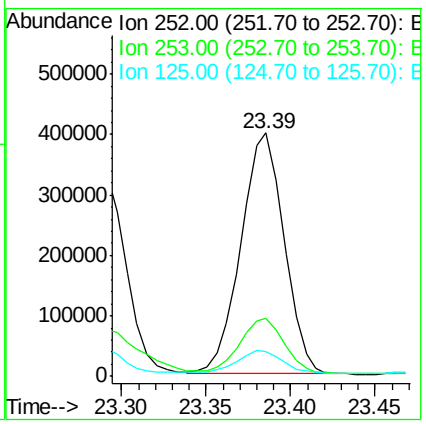


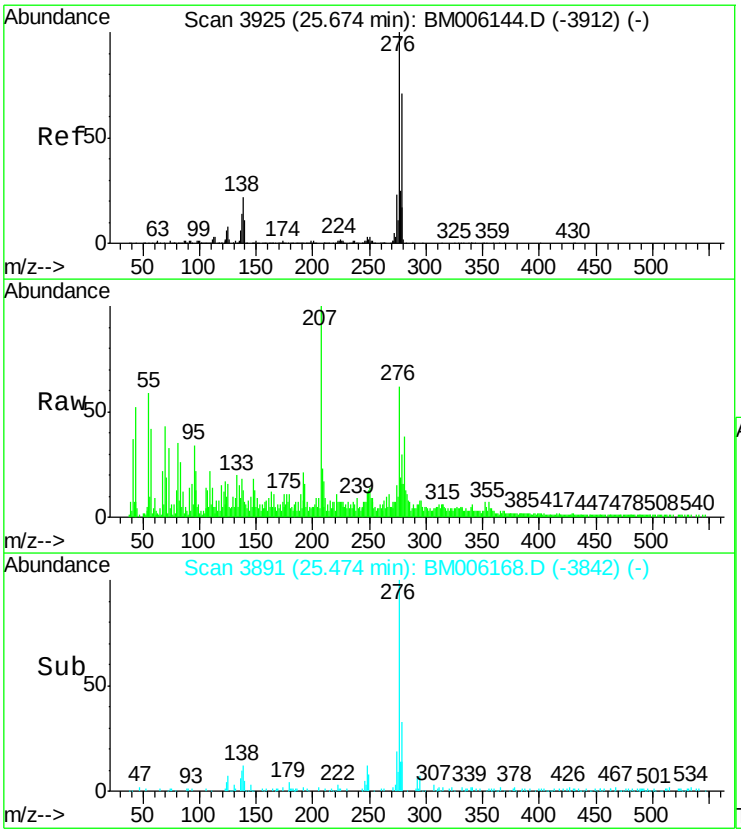
#38
Benzo(a)pyrene
Concen: 14.28 ng/ul
RT: 23.39 min Scan# 3536
Delta R.T. 0.02 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Instrument :
BNA_M
ClientSampleId :
D9YF9

Tgt Ion:252 Resp: 708662

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	10.4	8.7	13.1

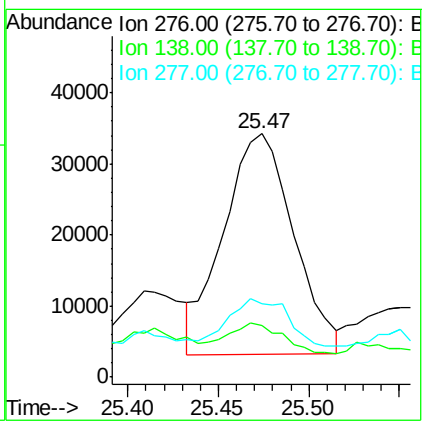


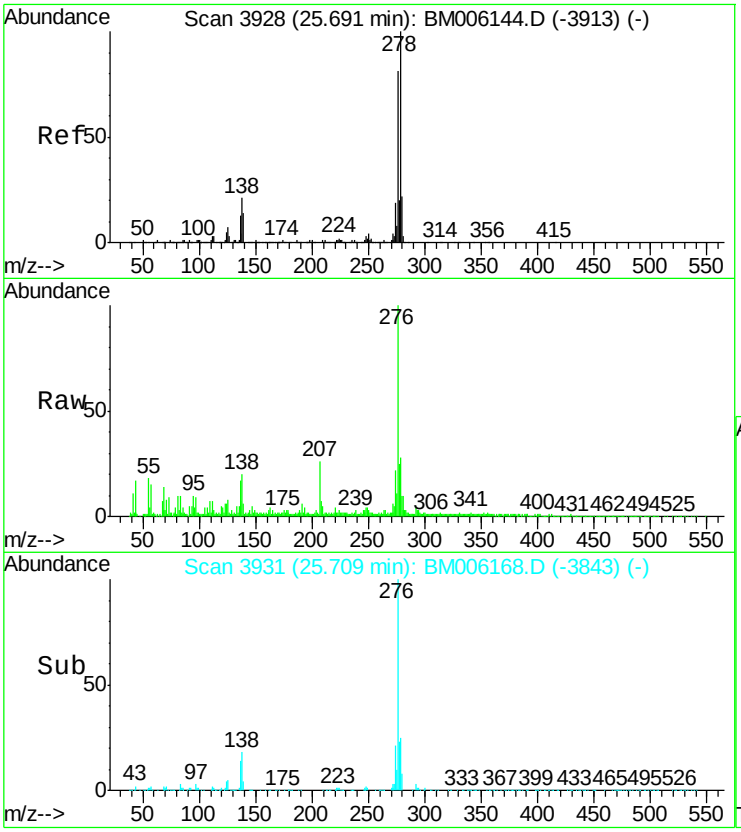


#39
Indeno(1,2,3-cd)pyrene
Concen: 1.62 ng/ul
RT: 25.47 min Scan# 3891
Delta R.T. -0.21 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Tgt Ion:276 Resp: 83591

Ion	Ratio	Lower	Upper
276	100		
138	21.4	20.4	30.6
277	30.3	20.6	30.8



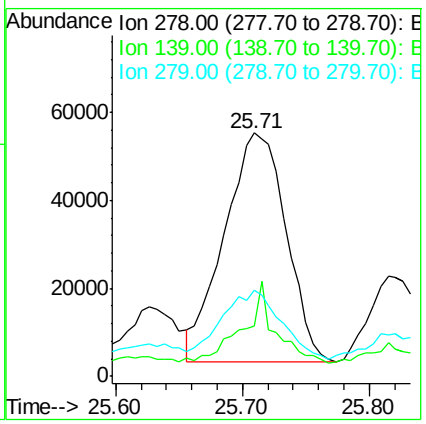


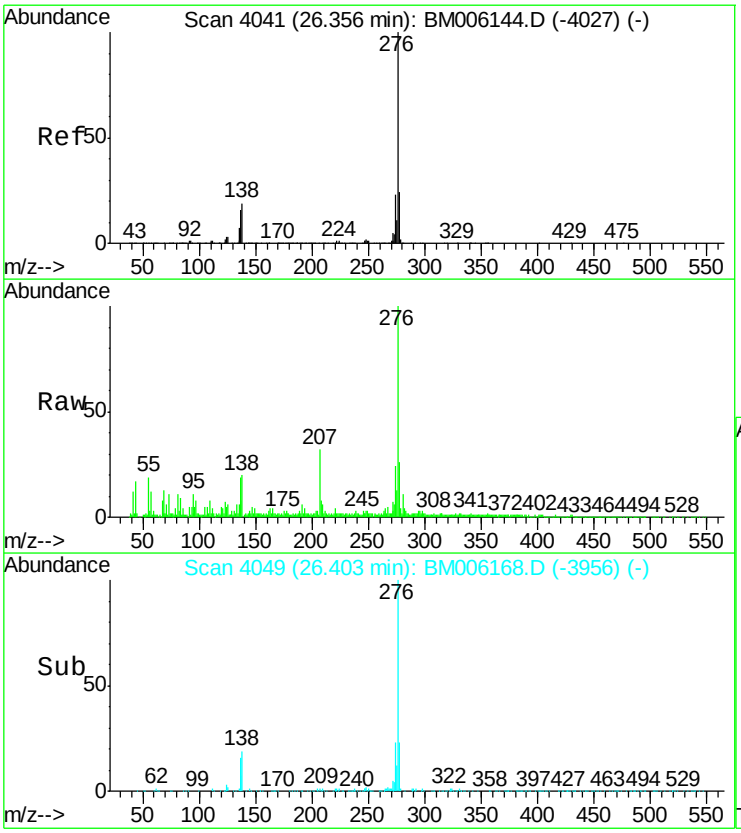
#40
Dibenzo(a,h)anthracene
Concen: 4.11 ng/ul
RT: 25.71 min Scan# 3931
Delta R.T. 0.02 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Instrument :
BNA_M
ClientSampleId :
D9YF9

Tgt Ion:278 Resp: 175377

Ion	Ratio	Lower	Upper
278	100		
139	20.8	13.0	19.4#
279	35.5	18.8	28.2#





#41
Benzo(g,h,i)perylene
Concen: 12.57 ng/ul
RT: 26.40 min Scan# 4049
Delta R.T. 0.05 min
Lab File: BM006168.D
Acq: 30 Jun 2016 21:36

Tgt Ion:276 Resp: 542647

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.6	25.0
277	26.0	18.9	28.3