Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005678.D
Acq On : 06 Jun 2016 20:14
Operator : UM/SJ
Sample : H3412-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9XS5MS

Quant Time: Jun 07 04:27:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	109887	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	446732	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	213376	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	421378	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	432434	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	459592	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.22	96	4161	1.59	ng/uL	0.00
3) Phenol-d5	6.94	99	123669	12.80	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	96730	16.45	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	116932	14.67	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	54516	7.13	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	57475	16.75	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	59166	16.12	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	91642	14.05	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	87389	11.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	290865	17.73	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	372805	17.47	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	17420	7.42	ng/ul	0.00
21) Fluorene-d10	15.39	176	251141	17.83	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	16239	8.18	ng/ul	0.00
26) Anthracene-d10	17.24	188	349070	17.44	ng/ul	0.00
30) Pyrene-d10	19.54	212	380575	17.51	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	374457	17.70	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.12	152	33420	1.51	ng/ul	100
19) Acenaphthene	14.46	153	233804	16.32	ng/ul	96
25) Phenanthrene	17.19	178	97932	4.21	ng/ul	99
27) Anthracene	17.28	178	31900	1.35	ng/ul	98
28) Fluoranthene	19.20	202	215500	9.06	ng/ul	99
31) Pyrene	19.57	202	632265	23.17	ng/ul	97
32) Benzo(a)anthracene	21.31	228	143620	5.66	ng/ul	96
33) Chrysene	21.36	228	152247	6.35	ng/ul	95
35) Benzo(b)fluoranthene	22.91	252	304969	11.00	ng/ul#	98
36) Benzo(k)fluoranthene	22.91	252	304969	11.73	ng/ul#	98
38) Benzo(a)pyrene	23.49	252	172106	6.45	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.87	276	147665	4.68	ng/ul	96
40) Dibenzo(a,h)anthracene	25.87	278	43388	1.64	ng/ul#	86
41) Benzo(g,h,i)perylene	26.57	276	144066	5.44	ng/ul#	94

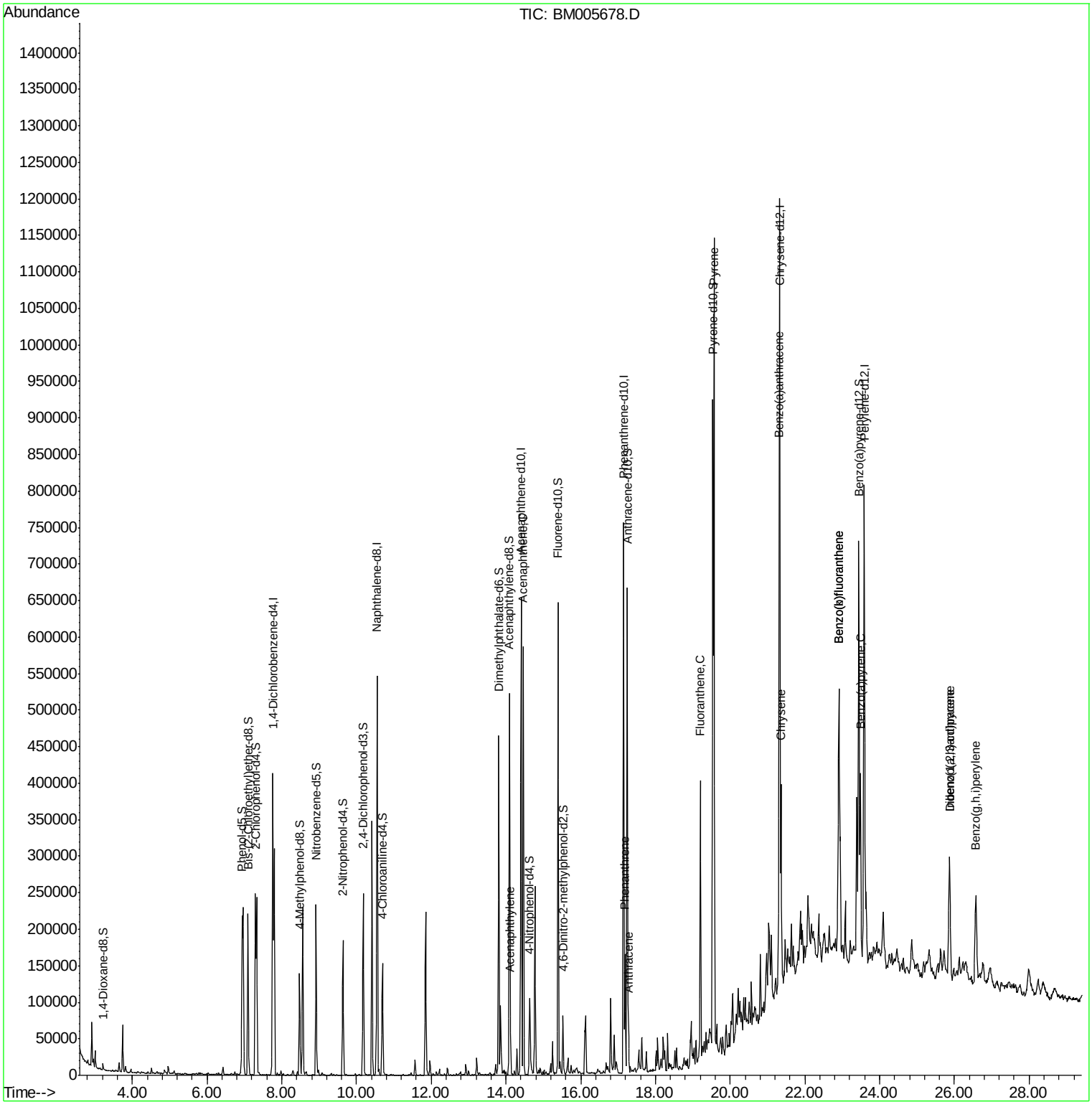
(#) = qualifier out of range (m) = manual integration (+) = signals summed

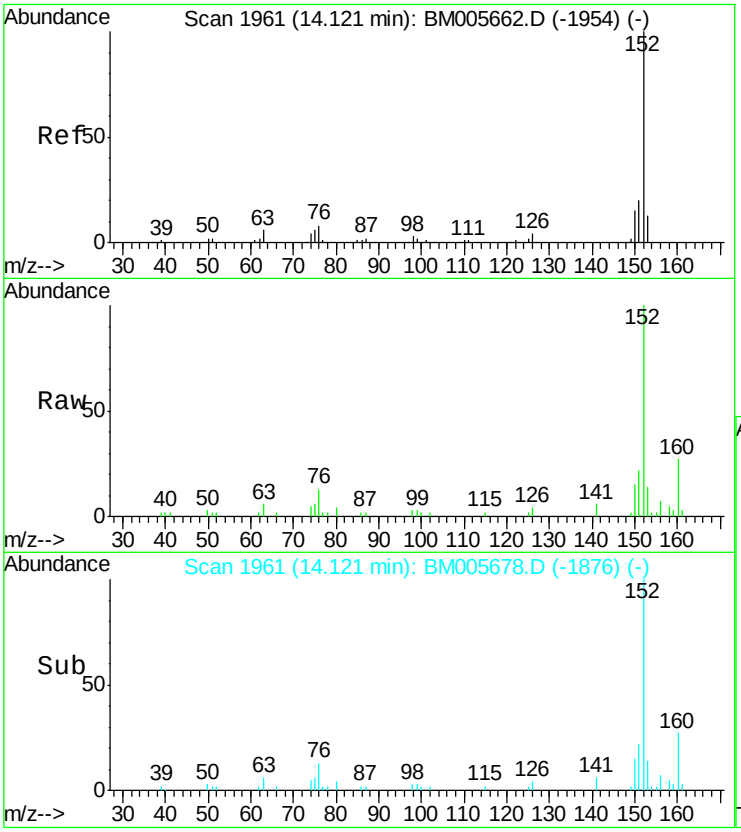
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005678.D
Acq On : 06 Jun 2016 20:14
Operator : UM/SJ
Sample : H3412-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Quant Time: Jun 07 04:27:38 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration



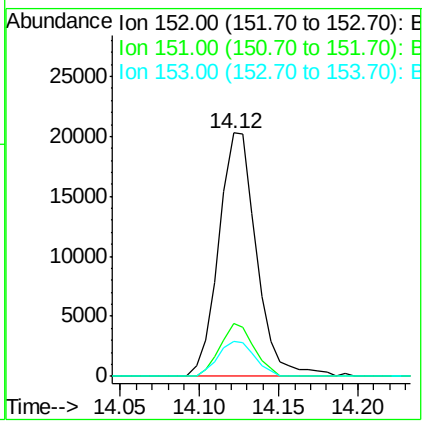


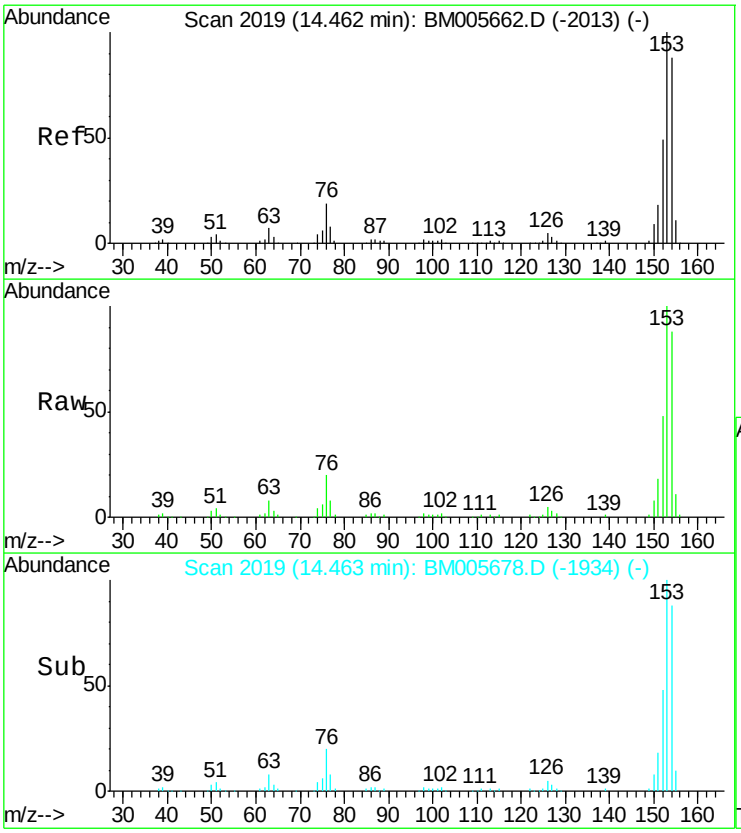
#18
Acenaphthylene
Concen: 1.51 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Tgt Ion:152 Resp: 33420

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.3	25.9
153	14.3	11.1	16.7

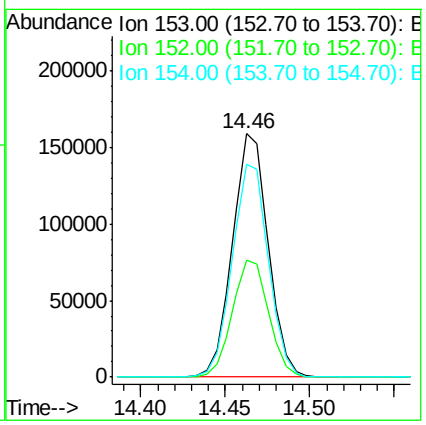


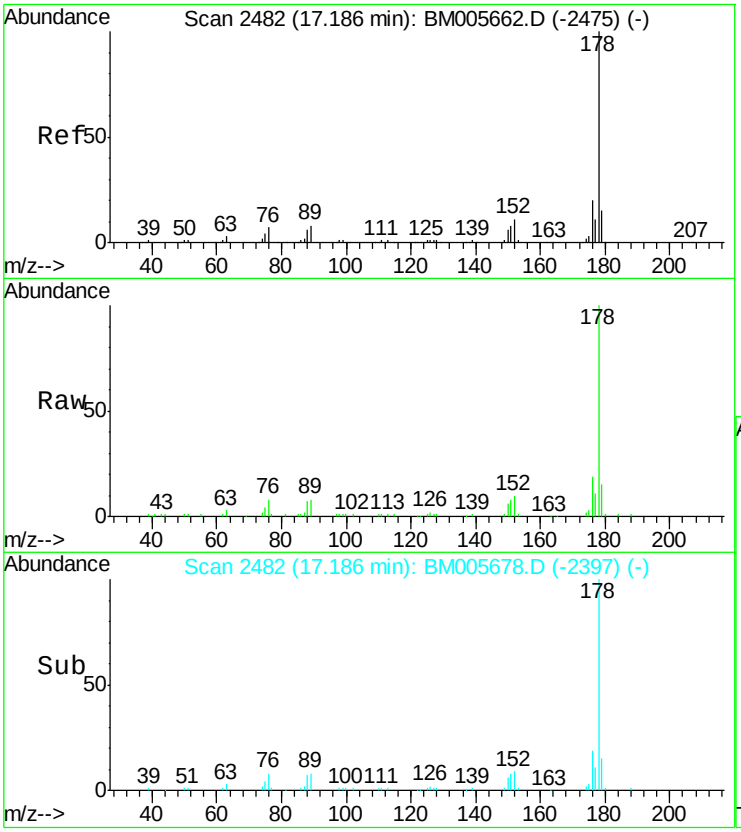


#19
Acenaphthene
Concen: 16.32 ng/ul
RT: 14.46 min Scan# 2019
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Tgt Ion:153 Resp: 233804

Ion	Ratio	Lower	Upper
153	100		
152	48.1	36.5	54.7
154	87.7	67.3	100.9



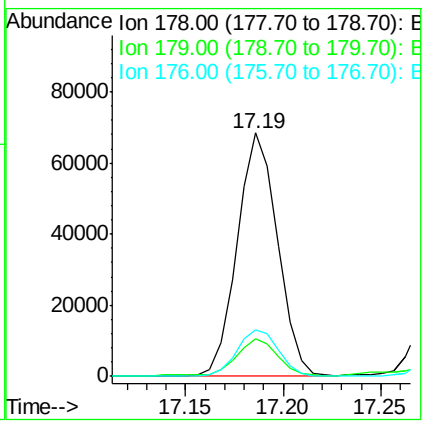


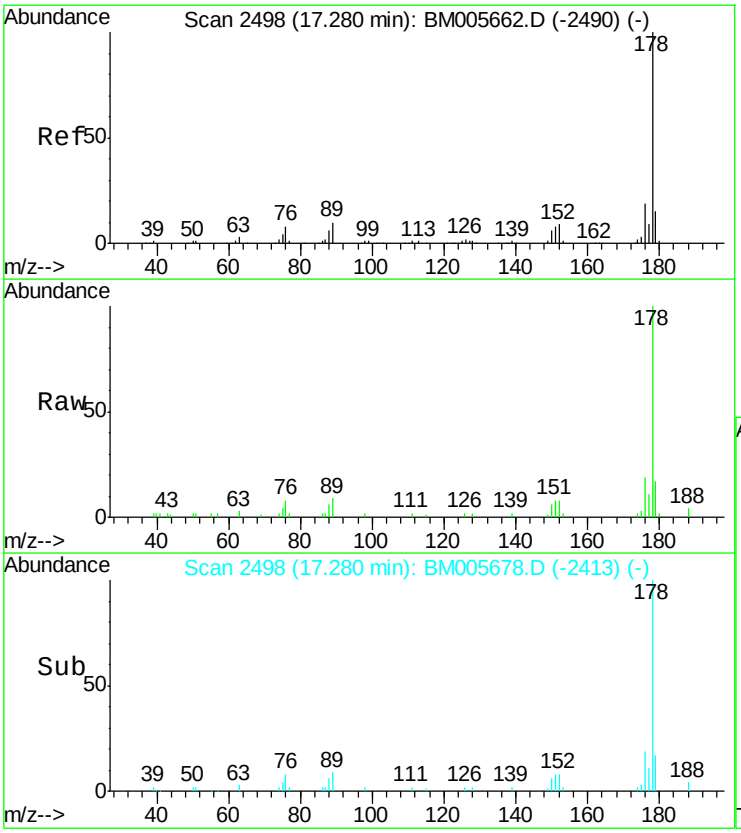
#25
Phenanthrene
Concen: 4.21 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Tgt Ion:178 Resp: 97932

Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.8	17.8
176	18.9	14.8	22.2

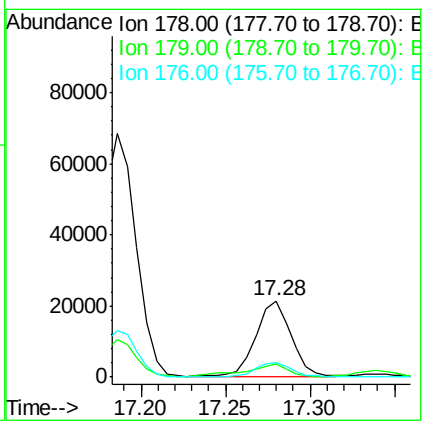


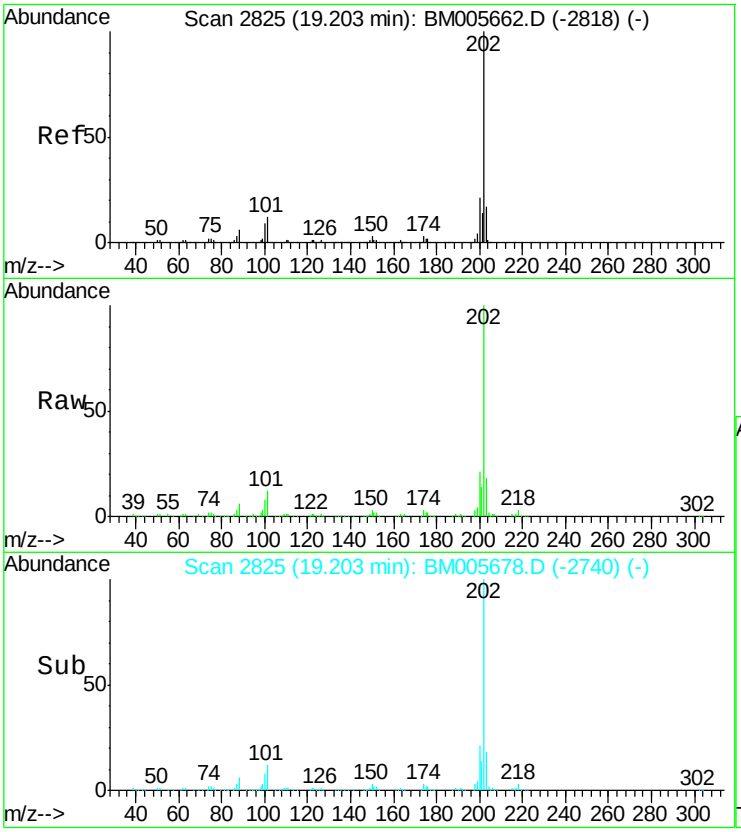


#27
Anthracene
Concen: 1.35 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Tgt Ion:178 Resp: 31900

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.9	19.3
176	18.6	15.6	23.4



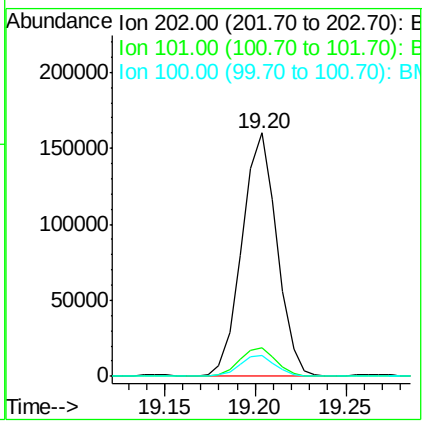


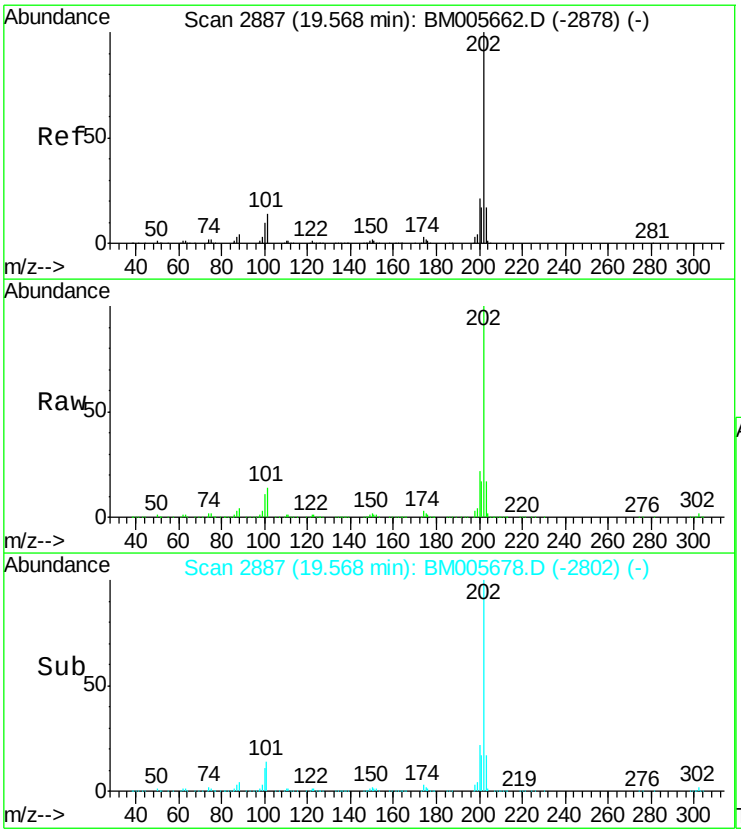
#28
Fluoranthene
Concen: 9.06 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Tgt Ion:202 Resp: 215500

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.9	13.3
100	8.4	7.0	10.4

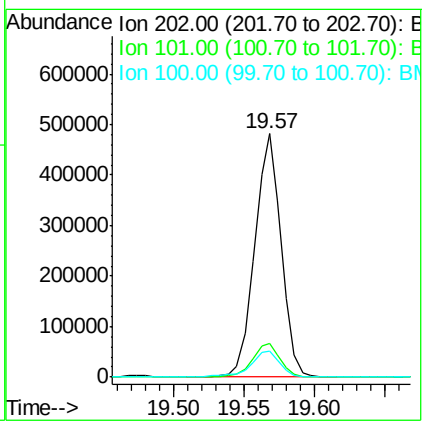


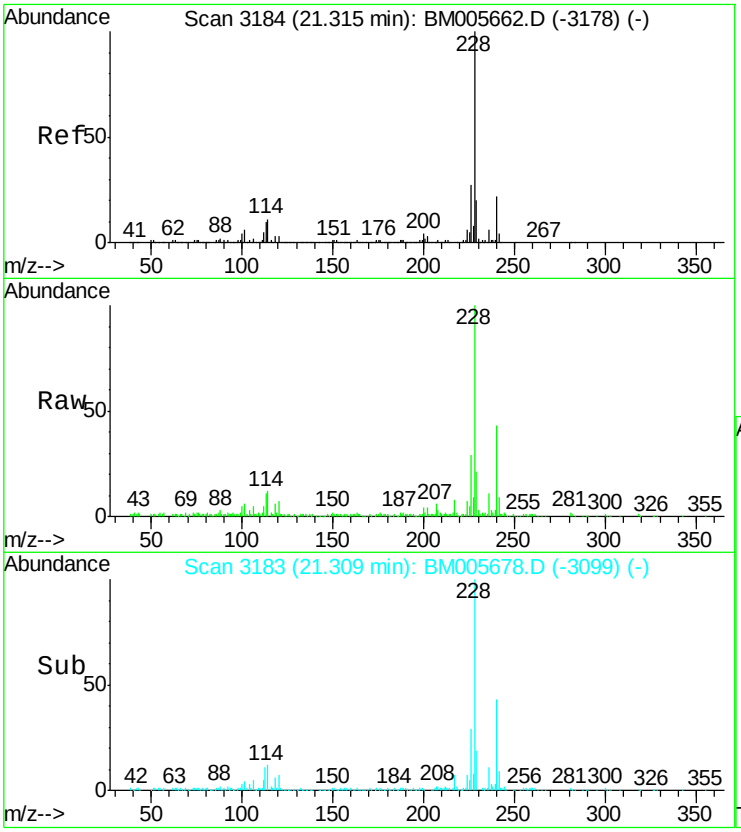


#31
Pyrene
Concen: 23.17 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Tgt Ion:202 Resp: 632265

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.8	14.8
100	10.8	9.3	13.9



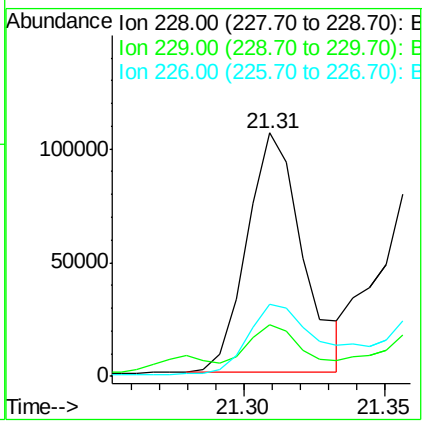


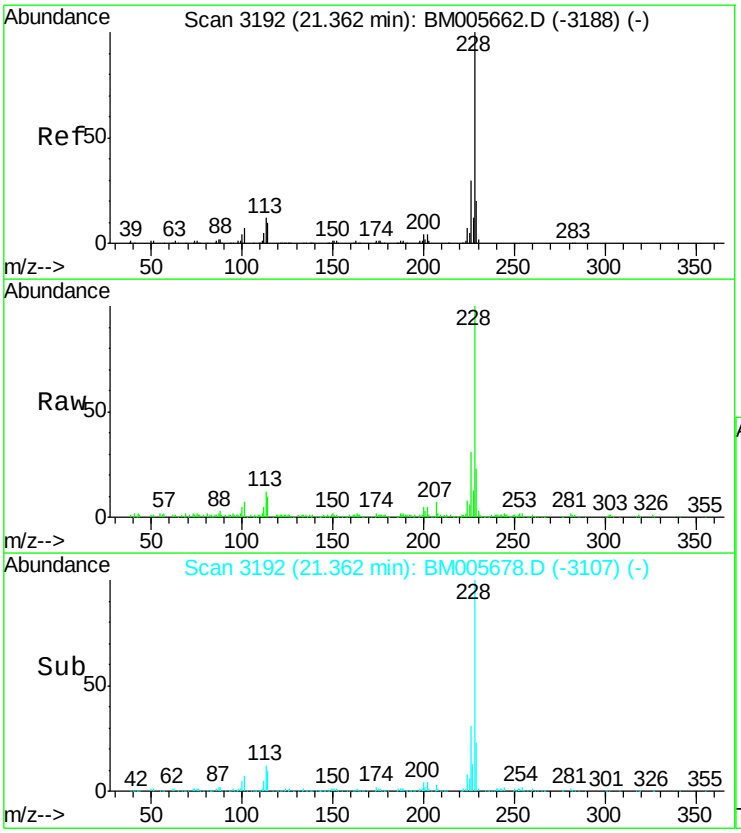
#32
Benzo(a)anthracene
Concen: 5.66 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Tgt Ion:228 Resp: 143620

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	29.4	21.0	31.4

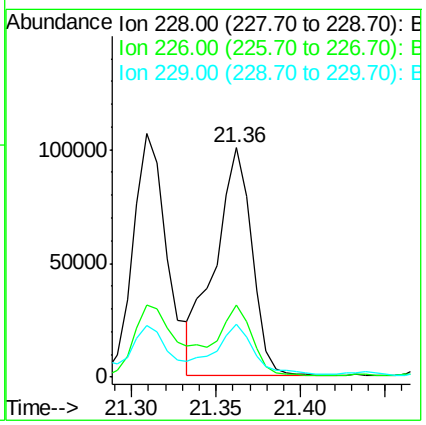


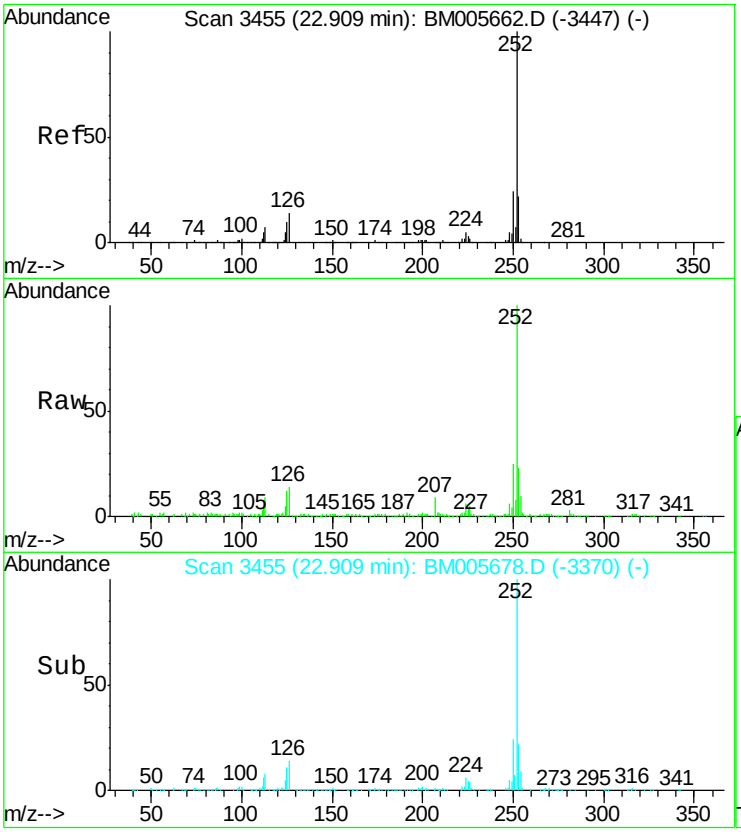


#33
Chrysene
Concen: 6.35 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Tgt Ion:228 Resp: 152247

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	23.3	16.2	24.2



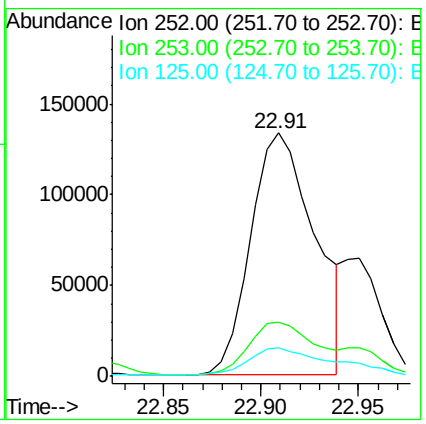


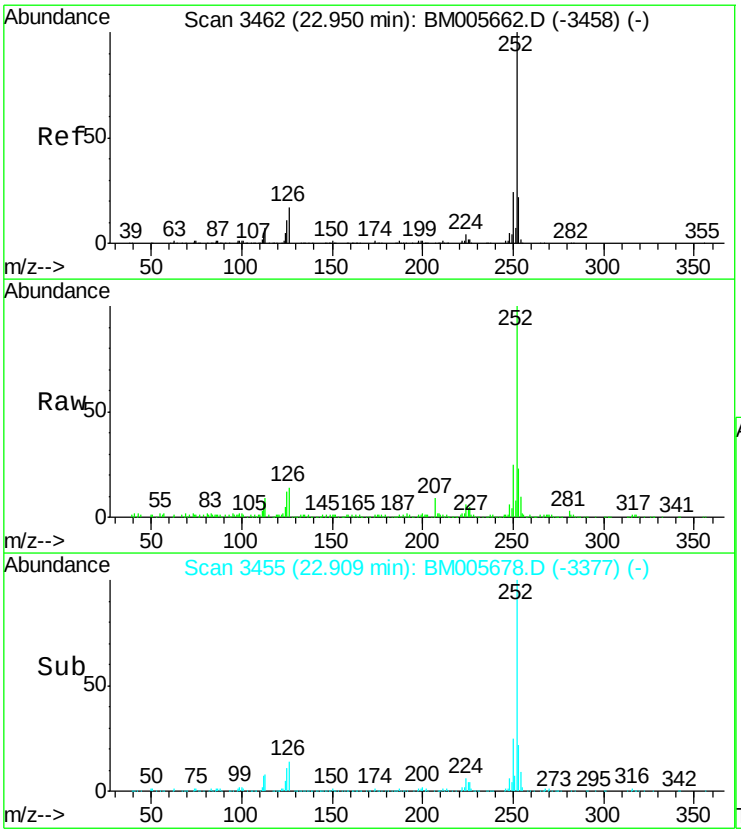
#35
Benzo(b)fluoranthene
Concen: 11.00 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Tgt Ion:252 Resp: 304969

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	11.7	7.6	11.4#

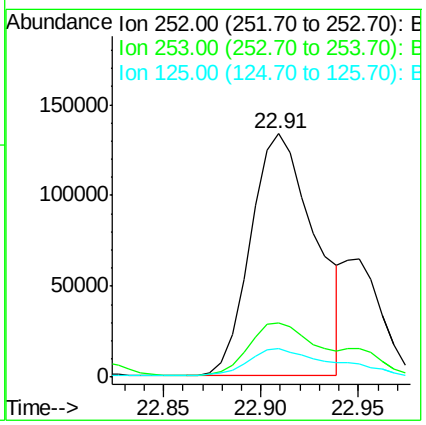


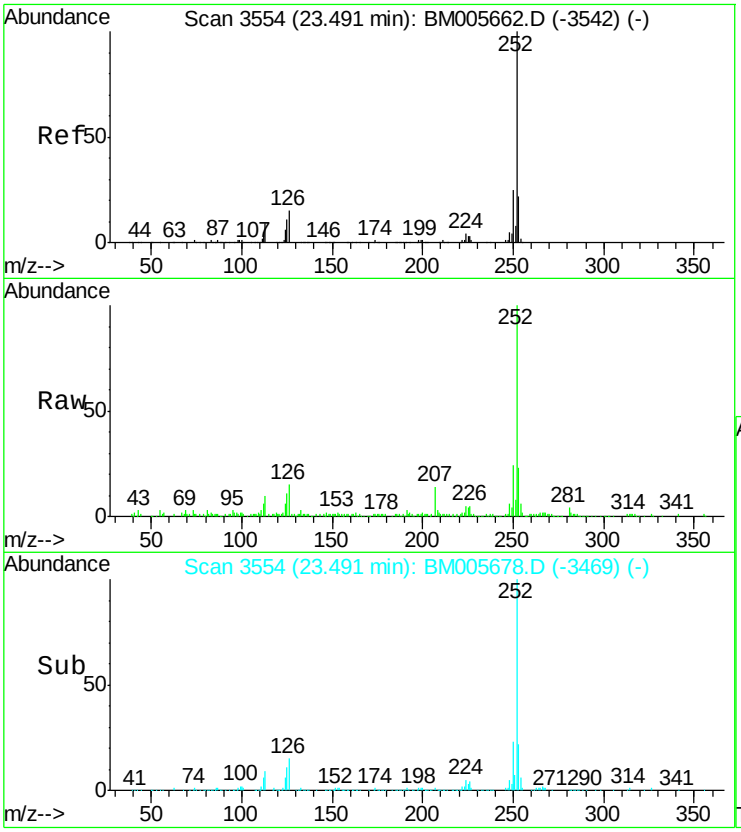


#36
Benzo(k)fluoranthene
Concen: 11.73 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Tgt Ion:252 Resp: 304969

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.7	7.7	11.5#



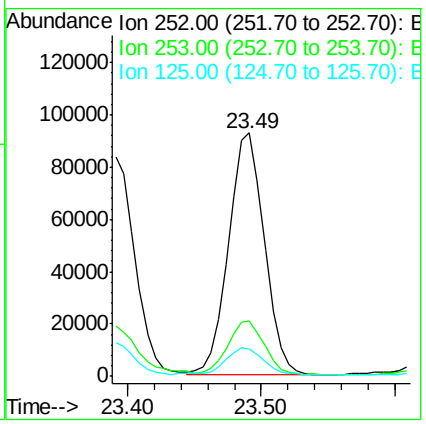


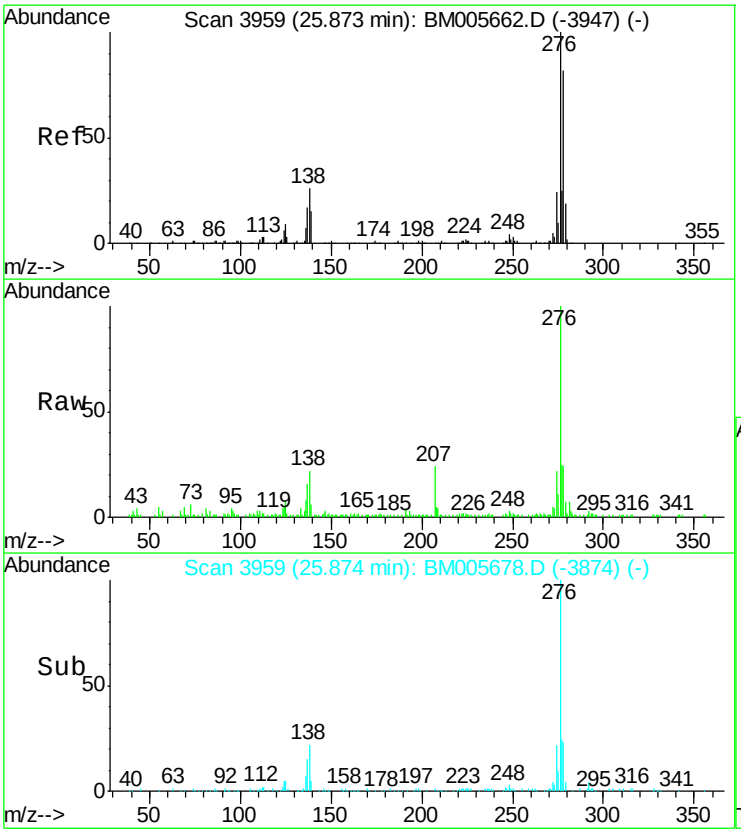
#38
Benzo(a)pyrene
Concen: 6.45 ng/ul
RT: 23.49 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Tgt Ion:252 Resp: 172106

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.0
125	11.4	8.2	12.2

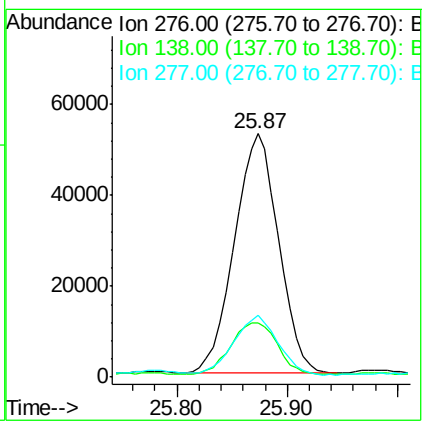


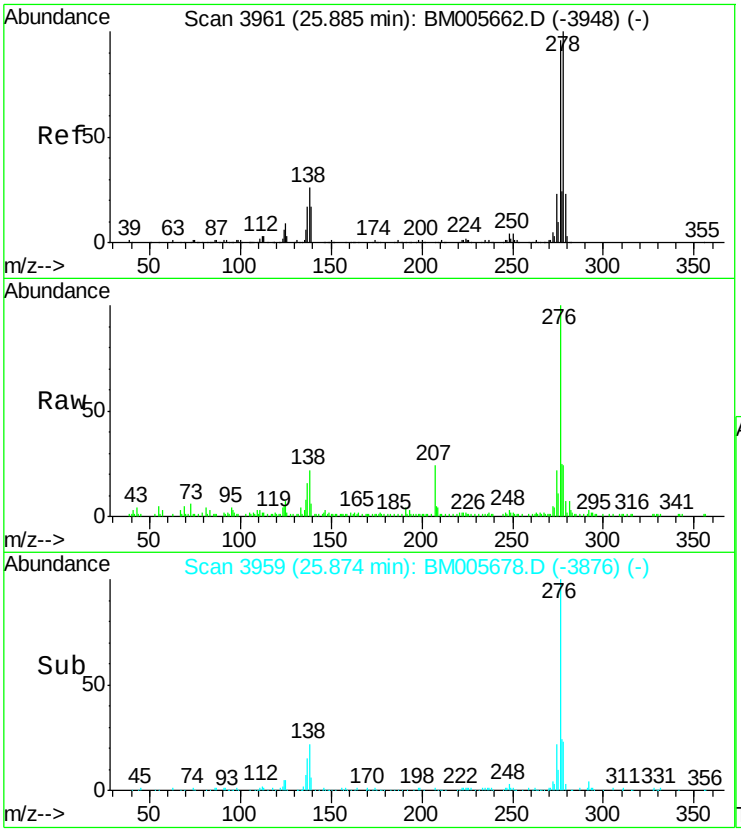


#39
Indeno(1,2,3-cd)pyrene
Concen: 4.68 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Tgt Ion:276 Resp: 147665

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.8	23.6
277	25.4	19.0	28.6



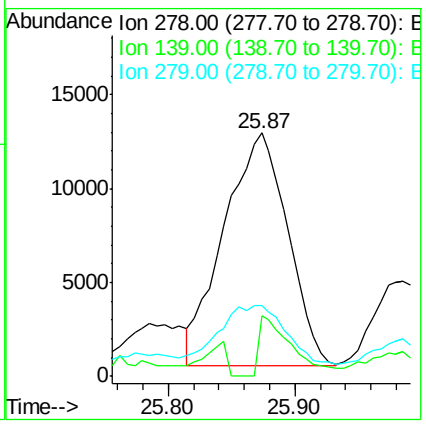


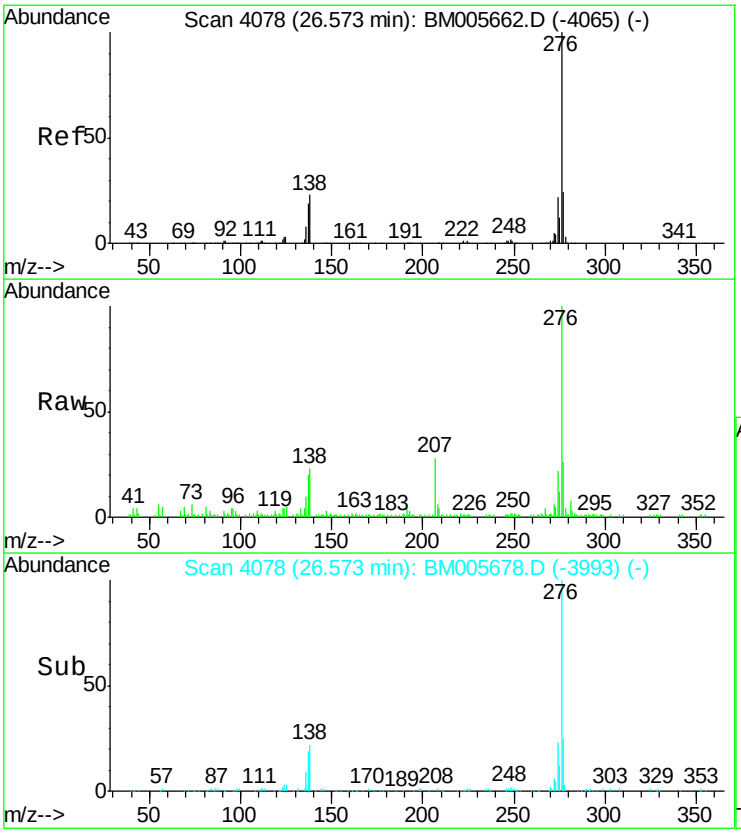
#40
Dibenzo(a,h)anthracene
Concen: 1.64 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Instrument :
BNA_M
ClientSampleId :
D9XS5MS

Tgt Ion:278 Resp: 43388

Ion	Ratio	Lower	Upper
278	100		
139	24.7	12.1	18.1#
279	29.0	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 5.44 ng/ul
RT: 26.57 min Scan# 4078
Delta R.T. 0.00 min
Lab File: BM005678.D
Acq: 06 Jun 2016 20:14

Tgt Ion:276 Resp: 144066

Ion	Ratio	Lower	Upper
276	100		
138	23.1	13.9	20.9#
277	25.6	19.8	29.6