Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005834.D
Acq On : 16 Jun 2016 18:15
Operator : UM/SJ
Sample : SSTD02047
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02047

Quant Time: Jun 17 01:26:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:25:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	15921	20.00	ng/ul	0.00
7) Naphthalene-d8	10.52	136	74469	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.37	164	50670	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.12	188	126999	20.00	ng/ul	0.00
29) Chrysene-d12	21.30	240	164305	20.00	ng/ul	0.00
34) Perylene-d12	23.56	264	180241	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	2610	7.65	ng/uL	0.00
3) Phenol-d5	6.92	99	24939	19.28	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.06	67	13491	17.94	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	21943	20.15	ng/ul	0.00
6) 4-Methylphenol-d8	8.45	113	23040	20.81	ng/ul	0.00
8) Nitrobenzene-d5	8.89	128	10869	20.63	ng/ul	0.00
9) 2-Nitrophenol-d4	9.61	143	13150	22.08	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	26024	22.54	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	17021	15.12	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	94634	22.82	ng/ul	0.00
17) Acenaphthylene-d8	14.07	160	110177	21.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.62	143	10351	21.23	ng/ul	0.00
21) Fluorene-d10	15.37	176	79381	22.69	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.52	200	15419	24.91	ng/ul	0.00
26) Anthracene-d10	17.22	188	129316	21.50	ng/ul	0.00
30) Pyrene-d10	19.52	212	155386	19.34	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.41	264	177055	20.94	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.57	128	78227	20.77	ng/ul	100
13) 2-Methylnaphthalene	12.19	142	60366	21.97	ng/ul	100
14) 1-Methylnaphthalene	12.40	142	62332	22.25	ng/ul	100
18) Acenaphthylene	14.10	152	109388	20.96	ng/ul	100
19) Acenaphthene	14.44	153	73068	21.26	ng/ul	100
22) Fluorene	15.43	166	88762	23.28	ng/ul	100
25) Phenanthrene	17.16	178	147525	20.90	ng/ul	100
27) Anthracene	17.26	178	151659	21.58	ng/ul	100
28) Fluoranthene	19.18	202	184954	23.86	ng/ul	100
31) Pyrene	19.54	202	193431	19.16	ng/ul	100
32) Benzo(a)anthracene	21.29	228	201784	20.98	ng/ul	100
33) Chrysene	21.34	228	197275	20.85	ng/ul	100
35) Benzo(b)fluoranthene	22.88	252	225249	20.72	ng/ul	100
36) Benzo(k)fluoranthene	22.93	252	211223	20.85	ng/ul	100
38) Benzo(a)pyrene	23.46	252	220412	21.05	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.84	276	260433	21.61	ng/ul	100
40) Dibenzo(a,h)anthracene	25.84	278	218025	21.65	ng/ul	100
41) Benzo(g,h,i)perylene	26.54	276	224690	21.54	ng/ul	100

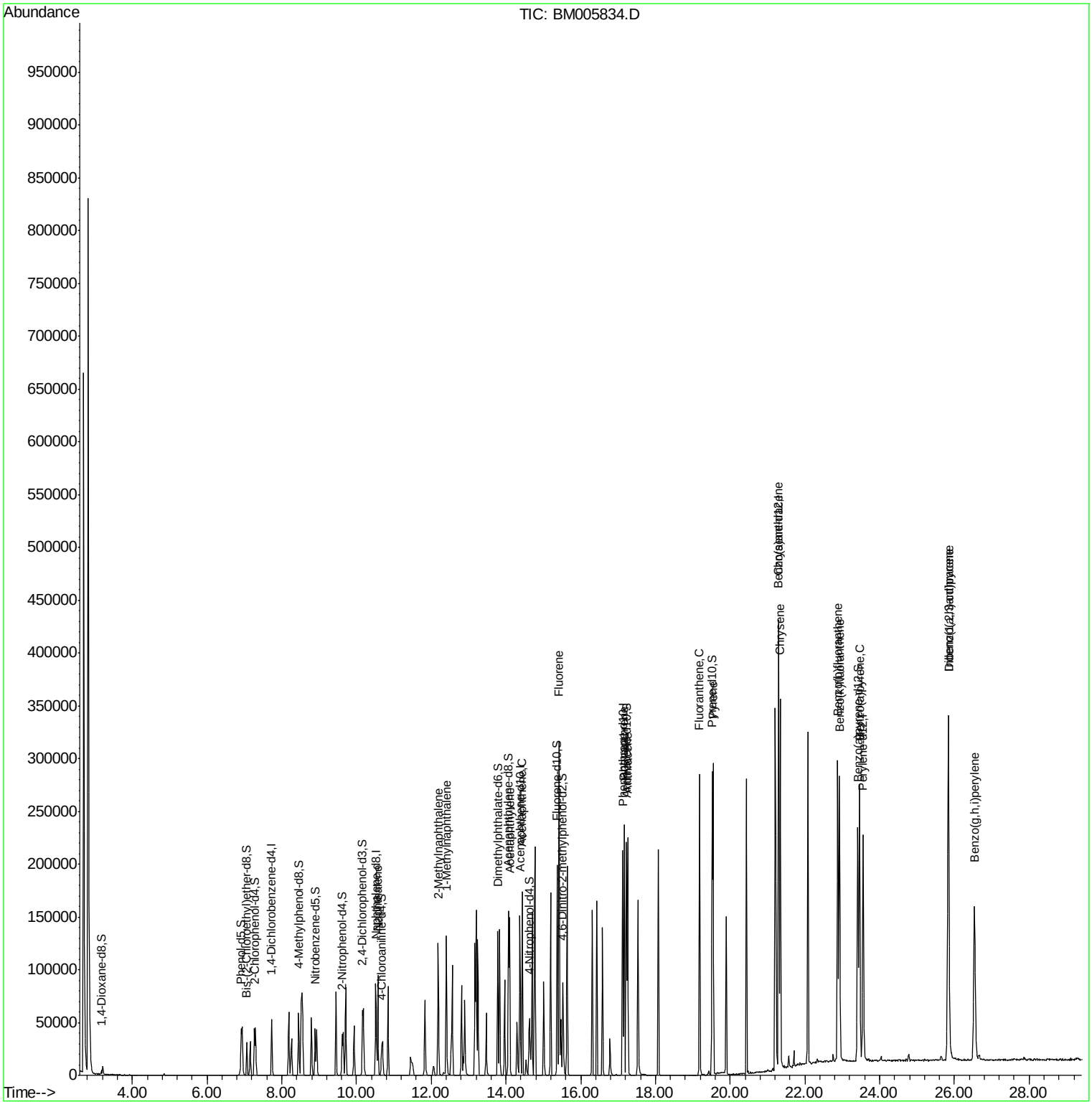
(#) = qualifier out of range (m) = manual integration (+) = signals summed

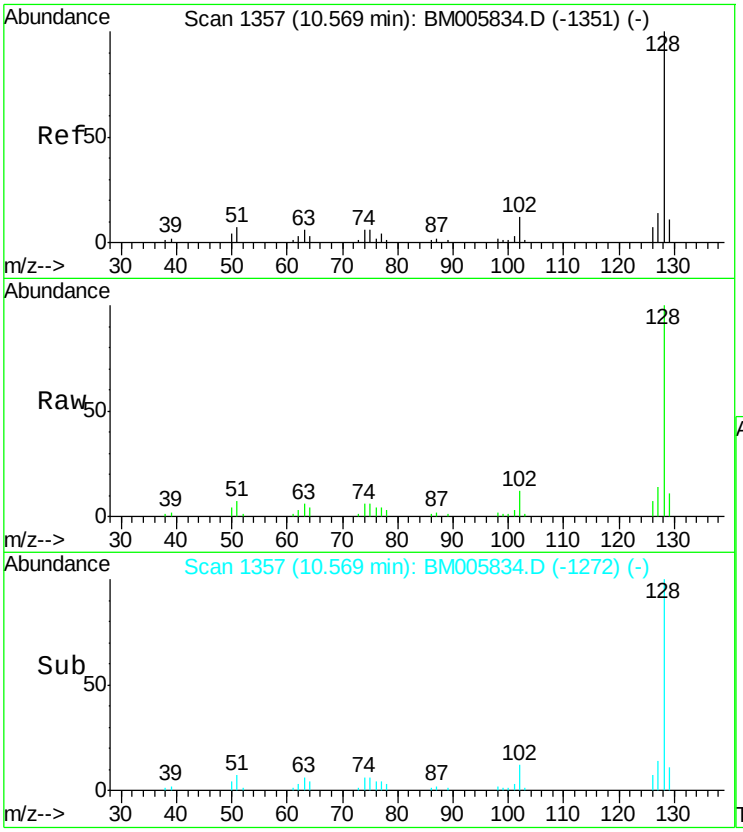
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061716\
Data File : BM005834.D
Acq On : 16 Jun 2016 18:15
Operator : UM/SJ
Sample : SSTD02047
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Quant Time: Jun 17 01:26:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 01:25:11 2016
Response via : Initial Calibration



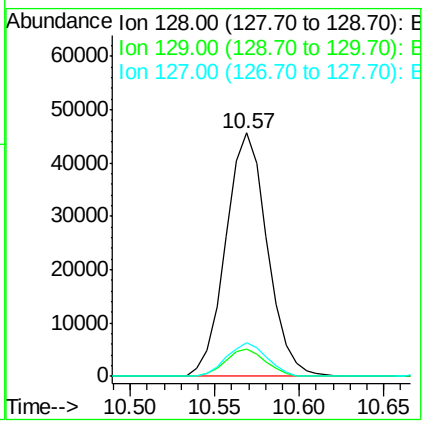


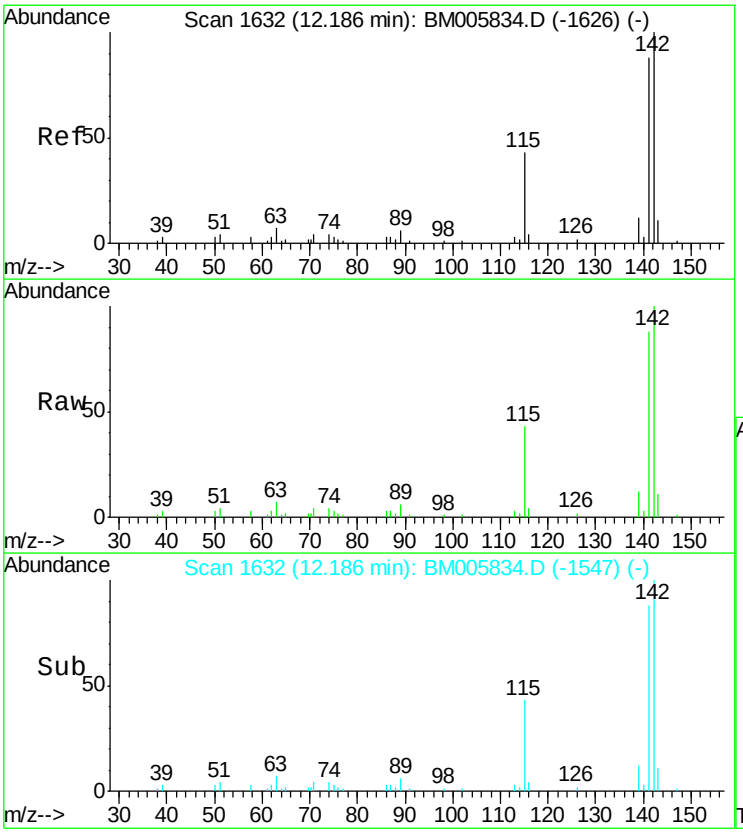
#11
Naphthalene
Concen: 20.77 ng/ul
RT: 10.57 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:128 Resp: 78227

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.6	10.9	16.3

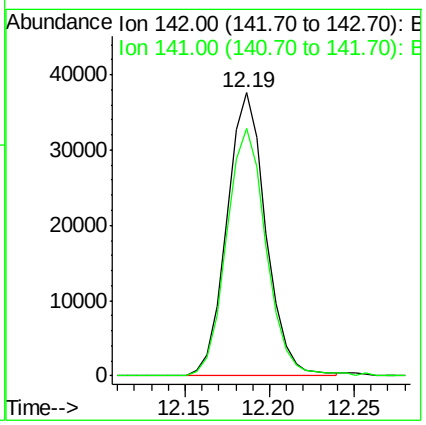


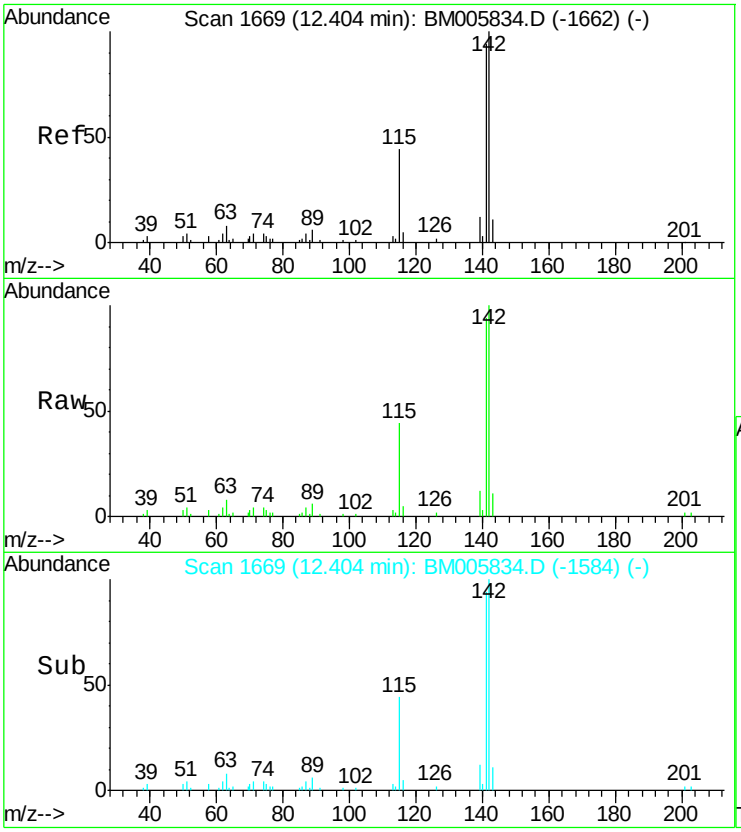


#13
2-Methylnaphthalene
Concen: 21.97 ng/ul
RT: 12.19 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:142 Resp: 60366

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.2



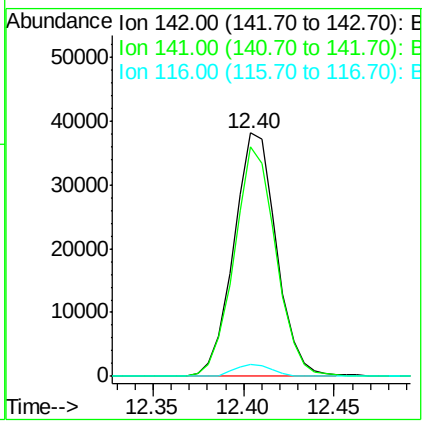


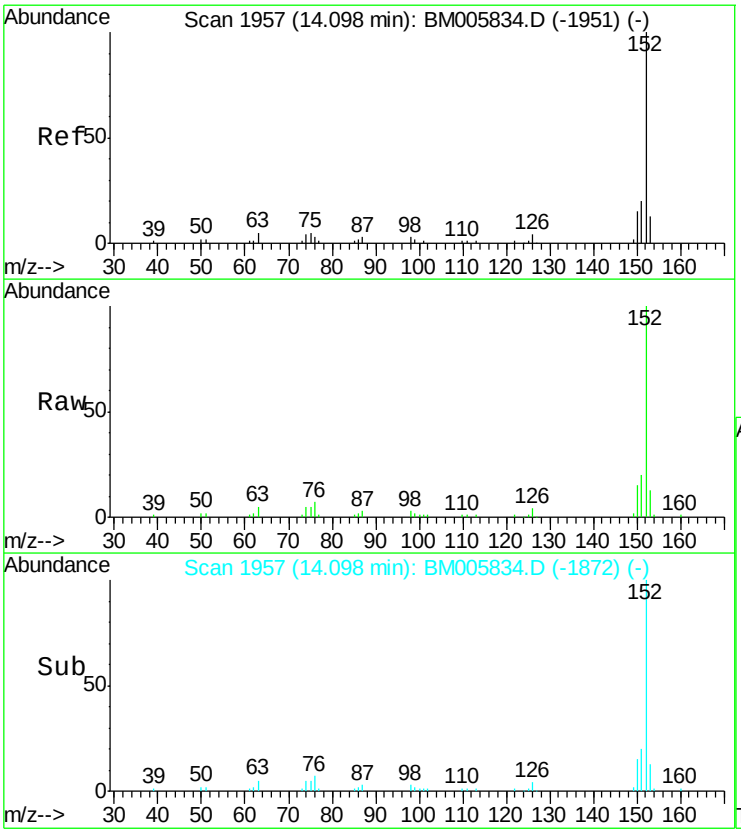
#14
1-Methylnaphthalene
Concen: 22.25 ng/ul
RT: 12.40 min Scan# 1669
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:142 Resp: 62332

Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.4	113.2
116	4.6	3.7	5.5

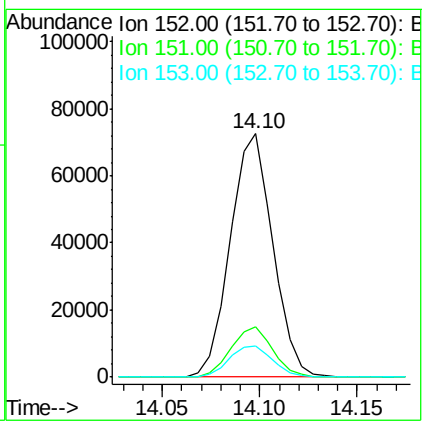


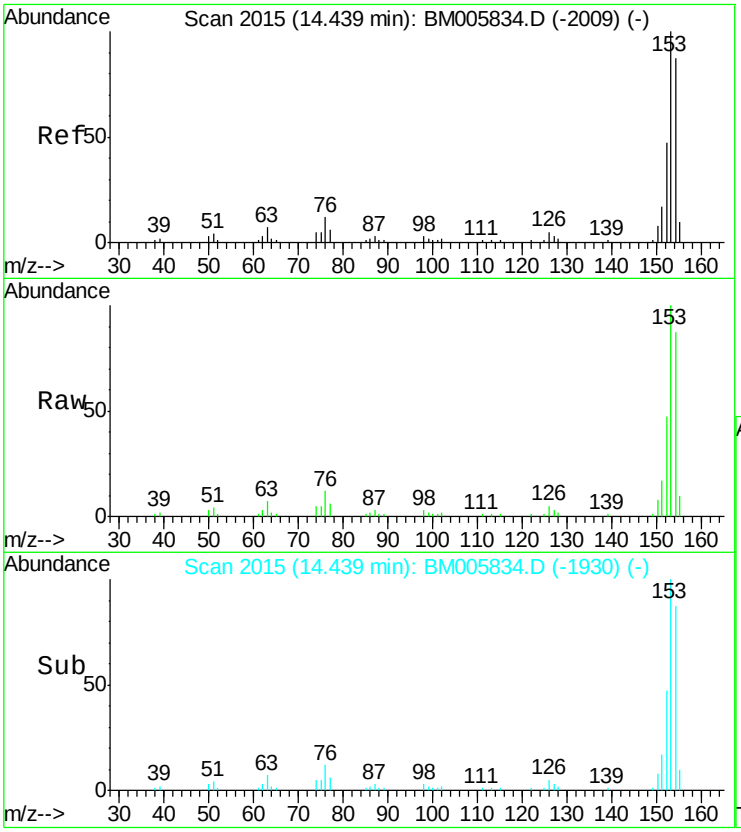


#18
Acenaphthylene
Concen: 20.96 ng/ul
RT: 14.10 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:152 Resp: 109388

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	12.7	10.2	15.2



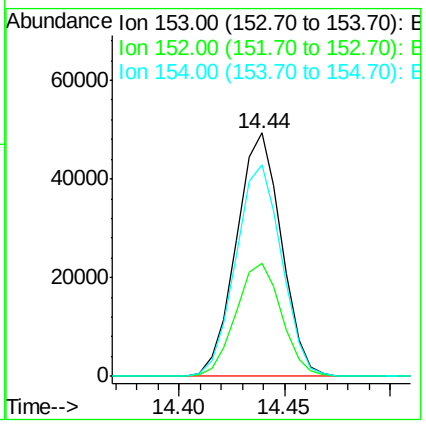


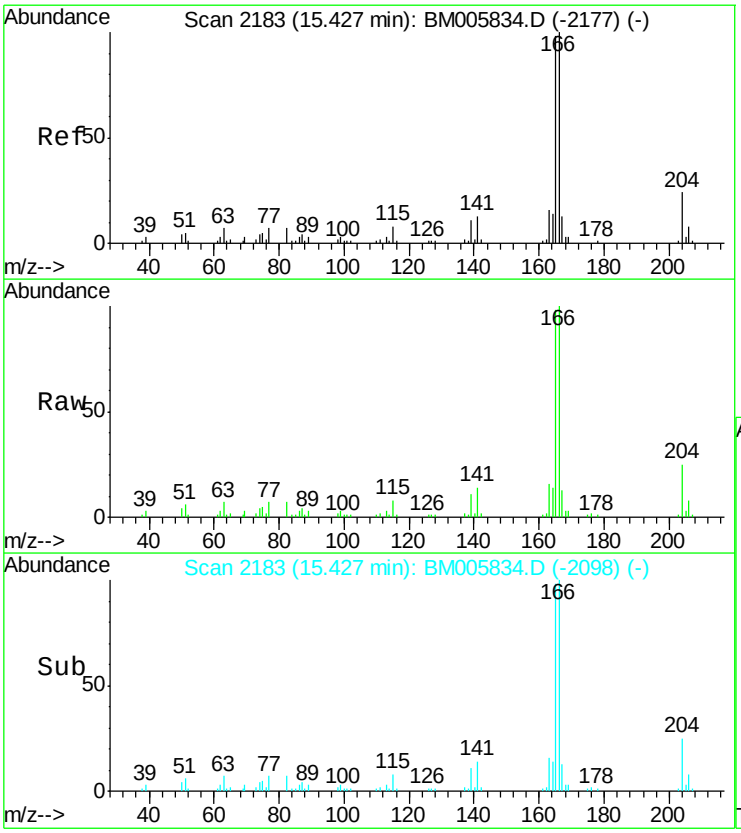
#19
Acenaphthene
Concen: 21.26 ng/ul
RT: 14.44 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:153 Resp: 73068

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.4	56.0
154	87.1	69.7	104.5

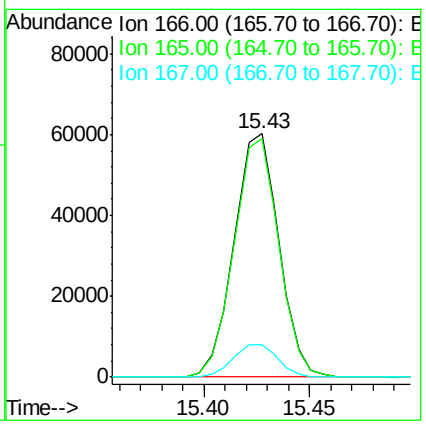


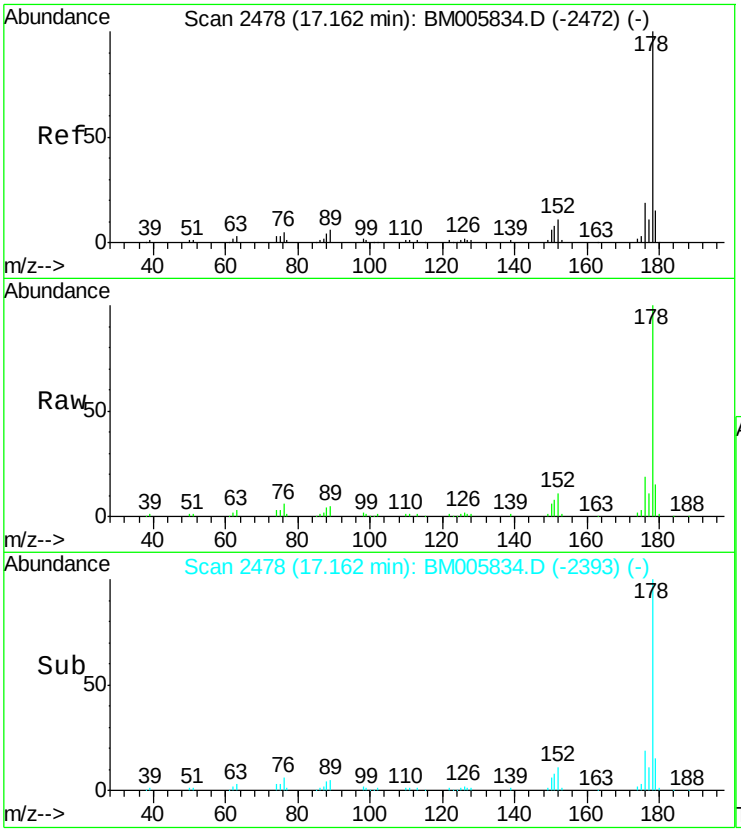


#22
Fluorene
Concen: 23.28 ng/ul
RT: 15.43 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:166 Resp: 88762

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.4	10.7	16.1



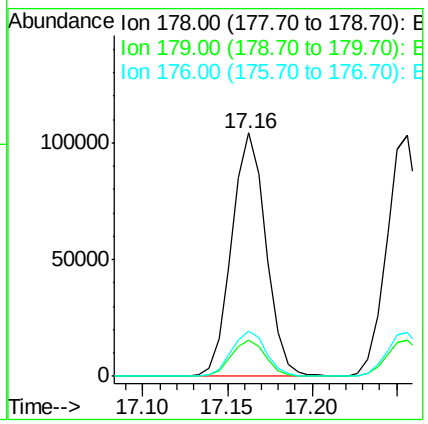


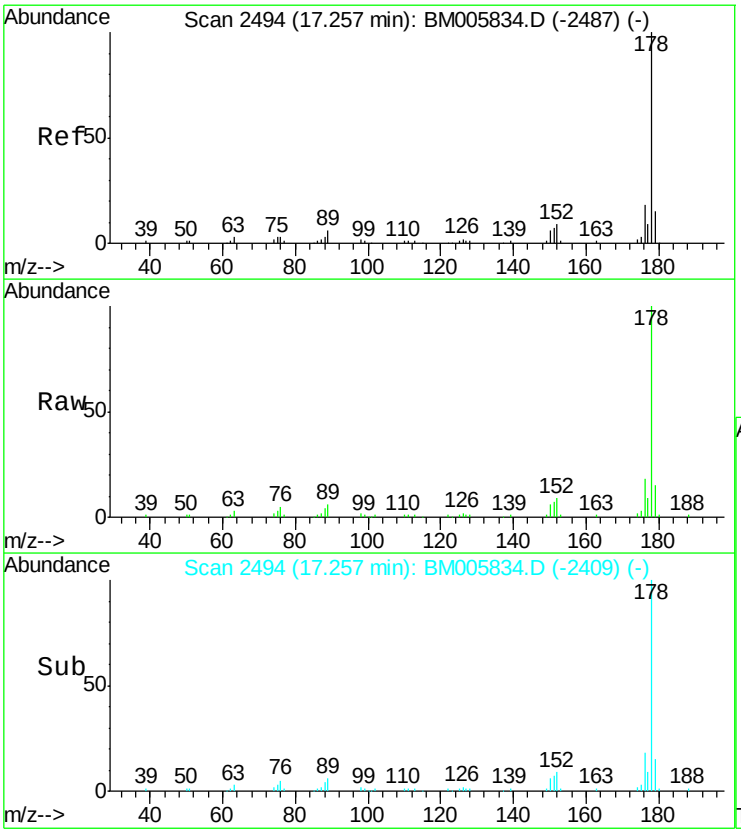
#25
Phenanthrene
Concen: 20.90 ng/ul
RT: 17.16 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:178 Resp: 147525

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.0	18.0
176	18.6	14.9	22.3

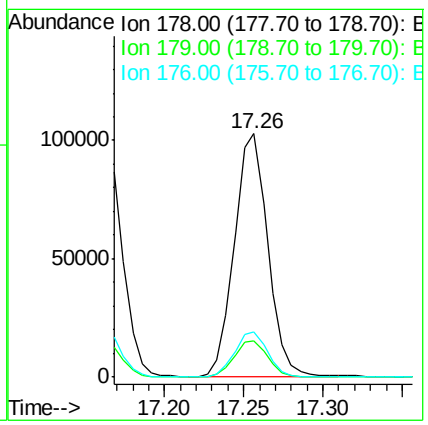


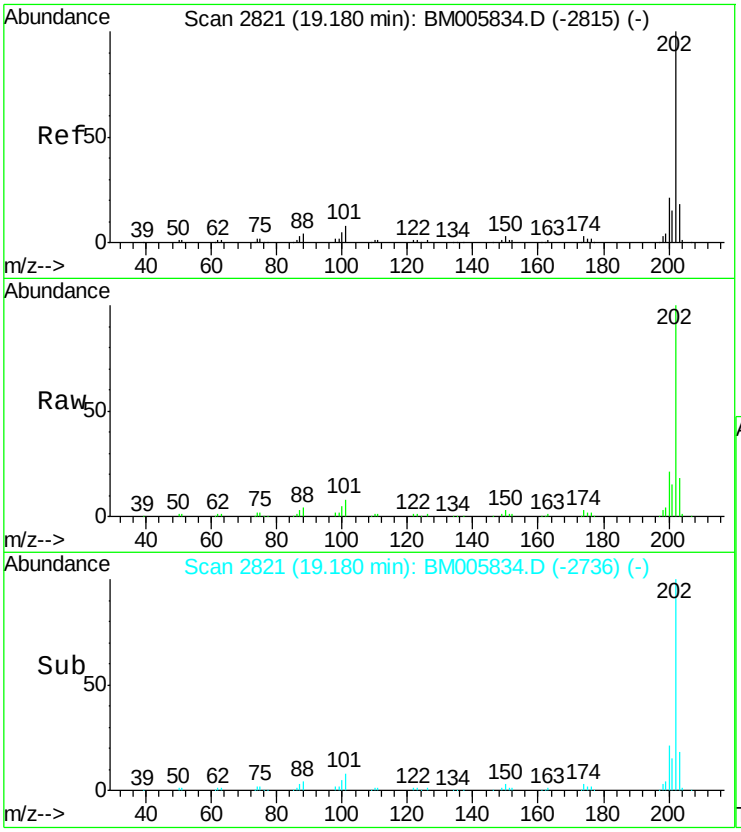


#27
Anthracene
Concen: 21.58 ng/ul
RT: 17.26 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:178 Resp: 151659

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.9	17.9
176	18.5	14.8	22.2



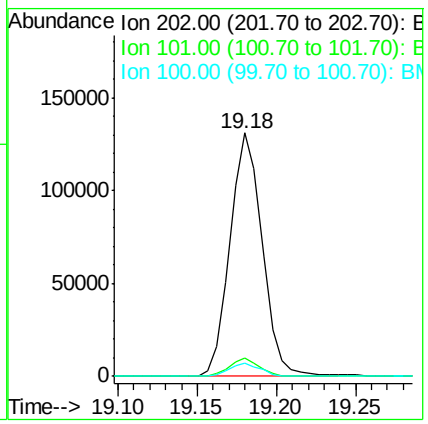


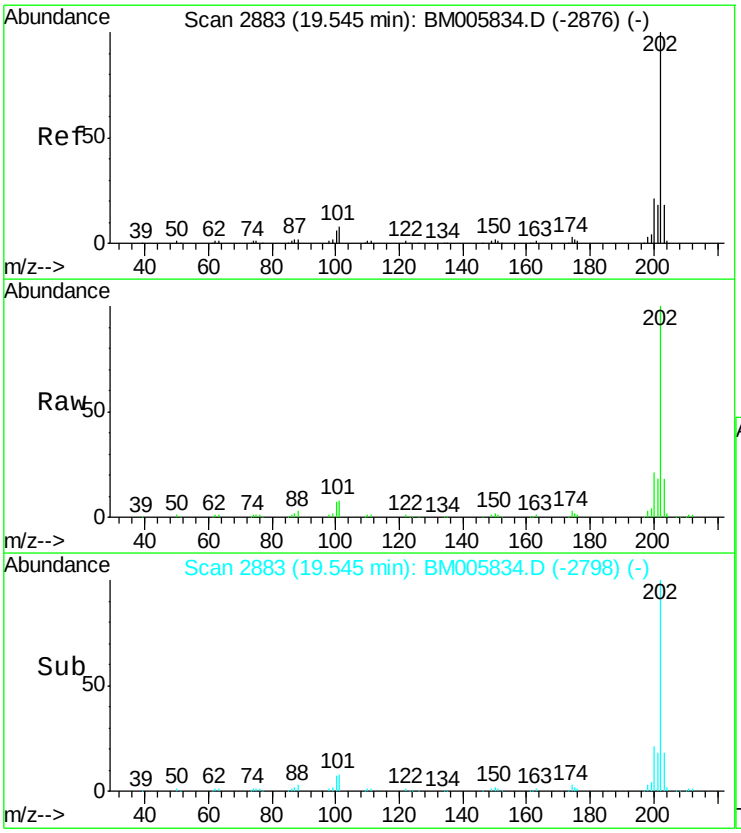
#28
Fluoranthene
Concen: 23.86 ng/ul
RT: 19.18 min Scan# 2821
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:202 Resp: 184954

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	5.2	4.2	6.2

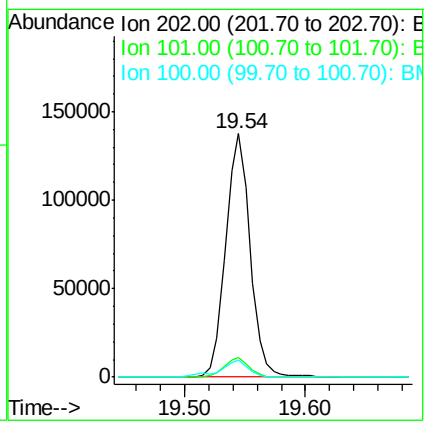


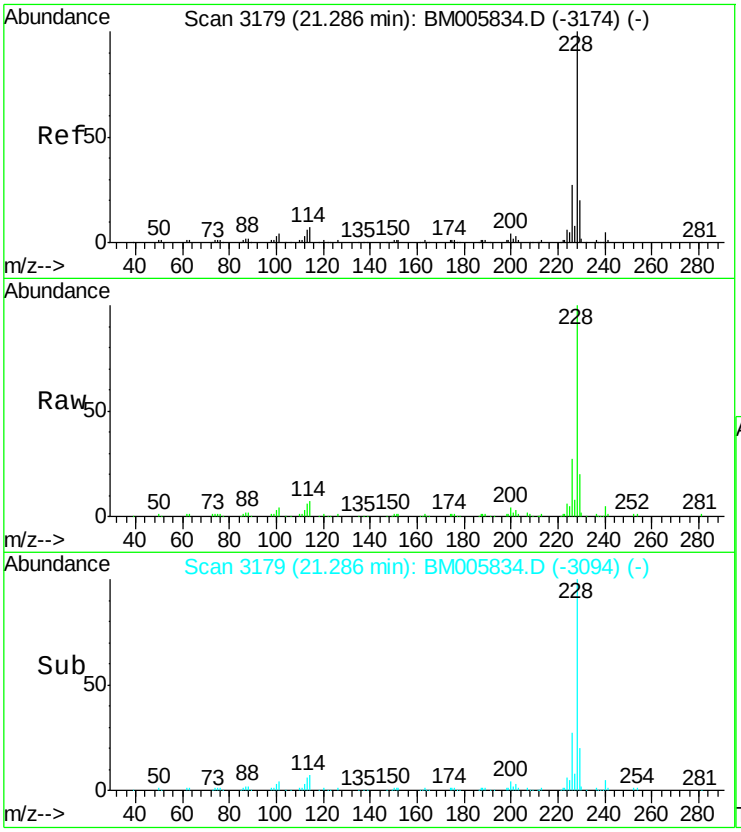


#31
Pyrene
Concen: 19.16 ng/ul
RT: 19.54 min Scan# 2883
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:202 Resp: 193431

Ion	Ratio	Lower	Upper
202	100		
101	8.1	6.5	9.7
100	6.8	5.4	8.2



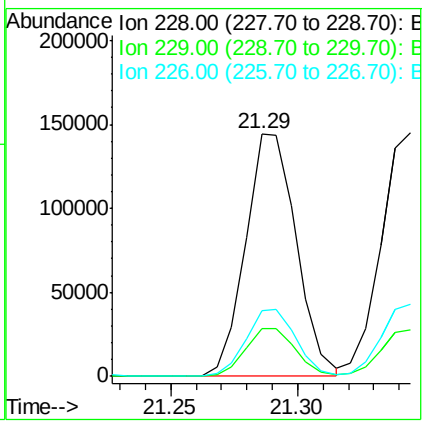


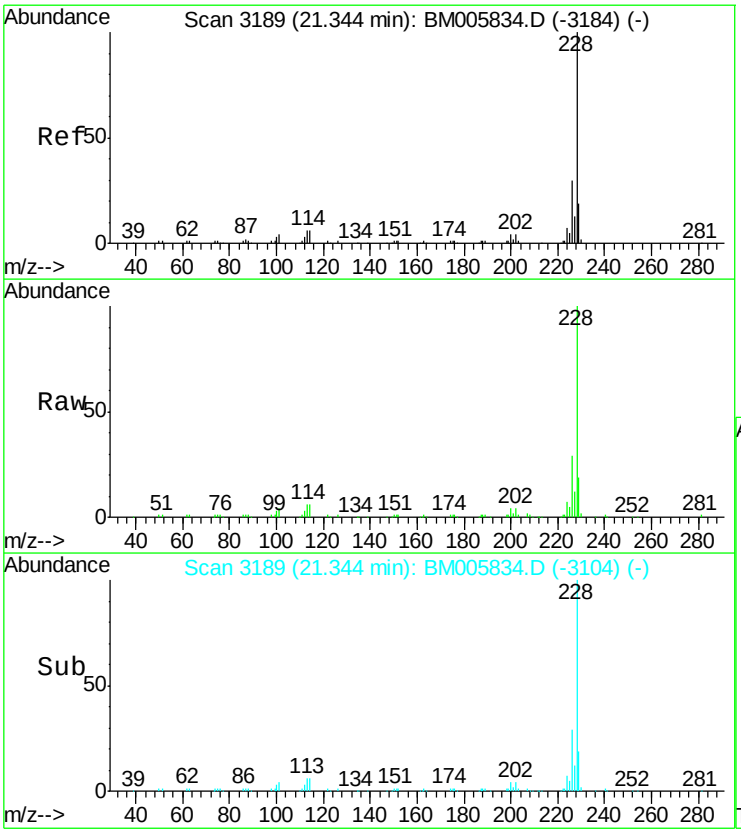
#32
Benzo(a)anthracene
Concen: 20.98 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:228 Resp: 201784

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.8	23.6
226	27.2	21.8	32.6

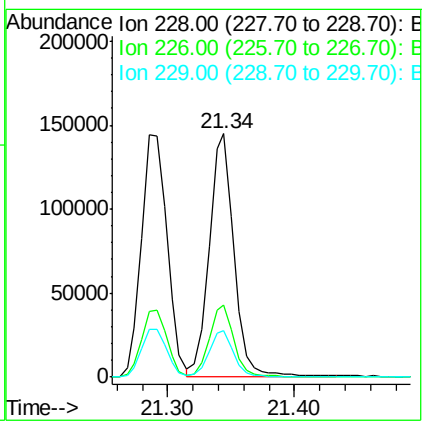


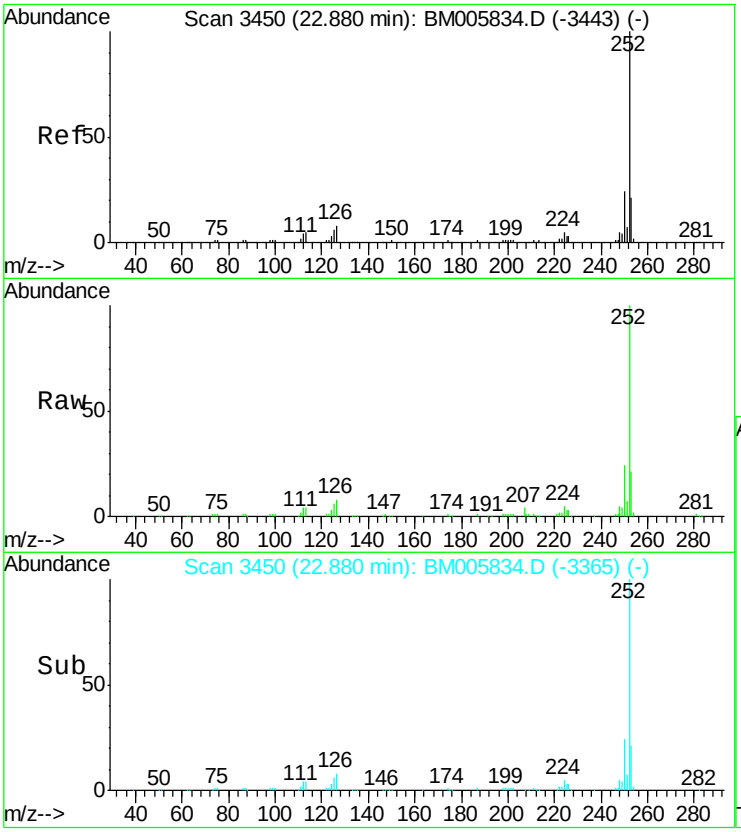


#33
Chrysene
Concen: 20.85 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:228 Resp: 197275

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.5	35.3
229	19.2	15.4	23.0



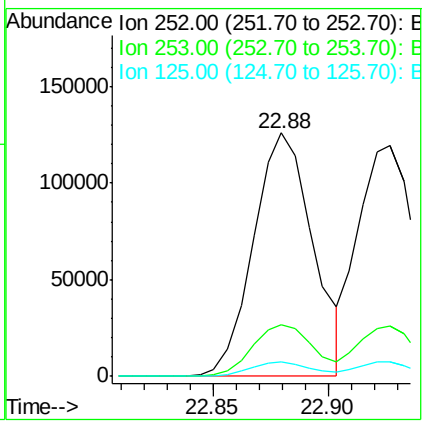


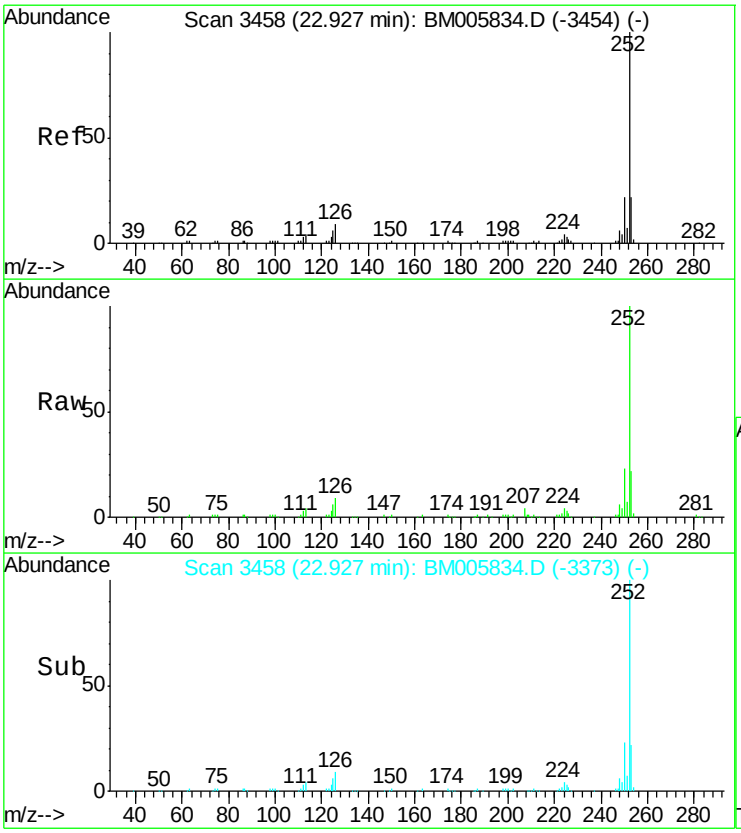
#35
Benzo(b)fluoranthene
Concen: 20.72 ng/ul
RT: 22.88 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:252 Resp: 225249

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	6.1	4.9	7.3

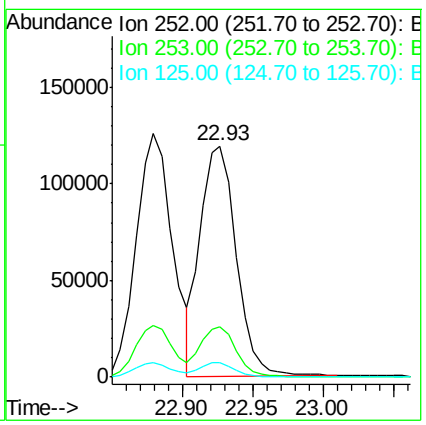


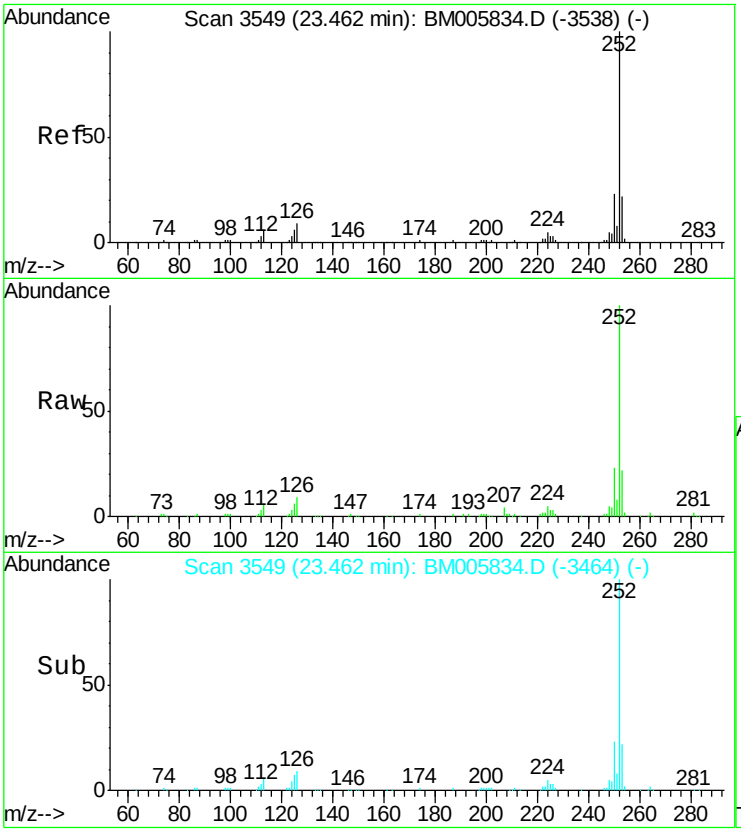


#36
Benzo(k)fluoranthene
Concen: 20.85 ng/ul
RT: 22.93 min Scan# 3458
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:252 Resp: 211223

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	6.0	4.8	7.2



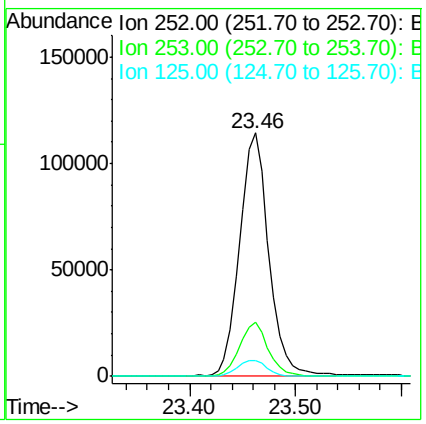


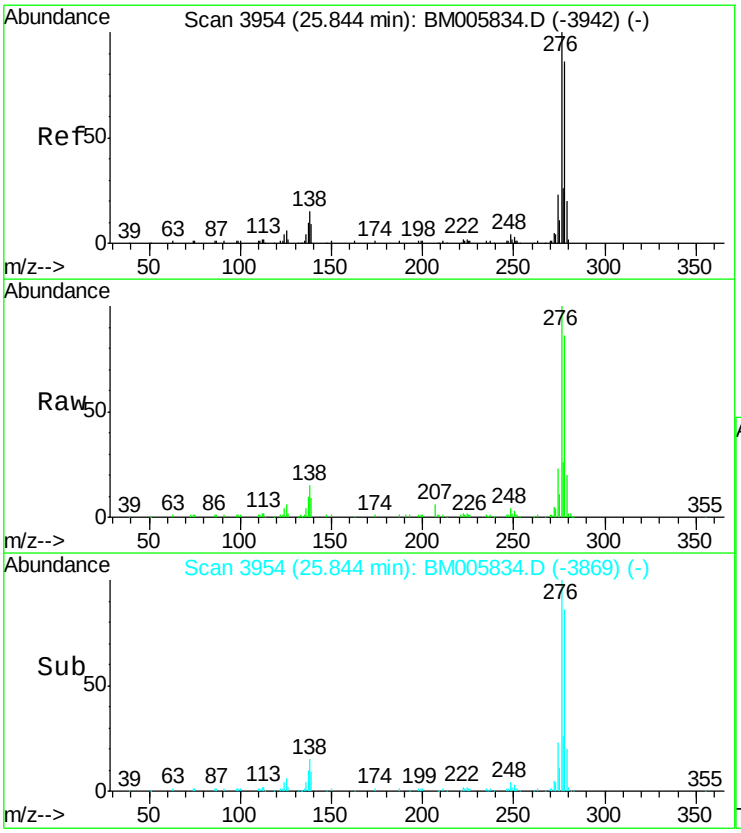
#38
Benzo(a)pyrene
Concen: 21.05 ng/ul
RT: 23.46 min Scan# 3549
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:252 Resp: 220412

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	6.4	5.1	7.7

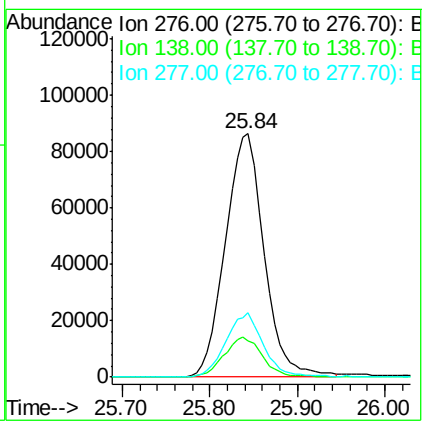


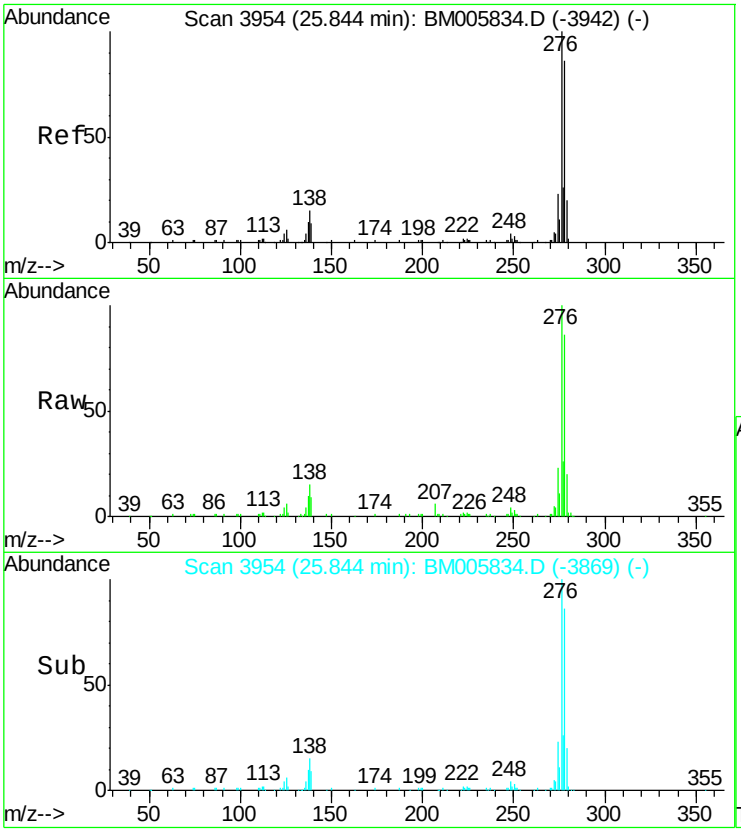


#39
Indeno(1,2,3-cd)pyrene
Concen: 21.61 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:276 Resp: 260433

Ion	Ratio	Lower	Upper
276	100		
138	14.9	11.9	17.9
277	26.3	21.0	31.6



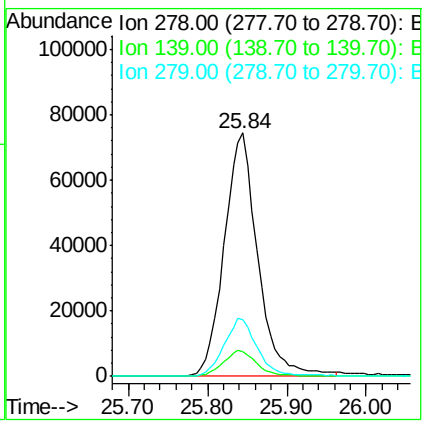


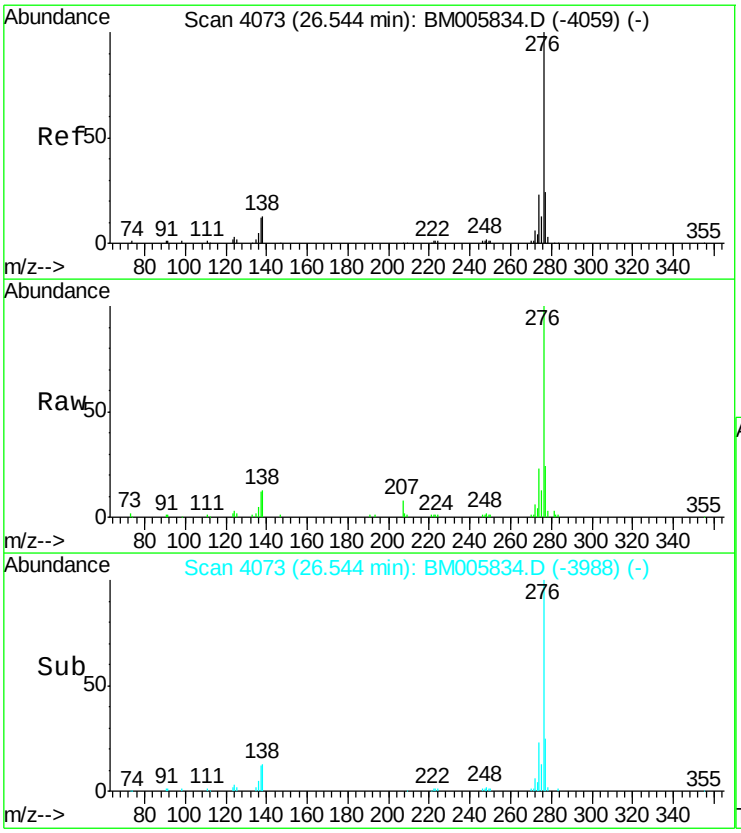
#40
Dibenzo(a,h)anthracene
Concen: 21.65 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Instrument :
BNA_M
ClientSampleId :
SSTD02047

Tgt Ion:278 Resp: 218025

Ion	Ratio	Lower	Upper
278	100		
139	10.3	8.2	12.4
279	23.2	18.6	27.8





#41
Benzo(g,h,i)perylene
Concen: 21.54 ng/ul
RT: 26.54 min Scan# 4073
Delta R.T. 0.00 min
Lab File: BM005834.D
Acq: 16 Jun 2016 18:15

Tgt Ion:276 Resp: 224690

Ion	Ratio	Lower	Upper
276	100		
138	13.2	10.6	15.8
277	24.5	19.6	29.4