Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005872.D
Acq On : 17 Jun 2016 21:47
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Quant Time: Jun 17 23:19:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	24753	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	108583	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.39	164	66233	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.13	188	153036	20.00	ng/ul	0.01
29) Chrysene-d12	21.31	240	139647	20.00	ng/ul	0.01
34) Perylene-d12	23.57	264	124414	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	3546	18.56	ng/uL	0.00
3) Phenol-d5	6.93	99	38251	18.46	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.07	67	19077	17.76	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	34558	20.00	ng/ul	0.01
6) 4-Methylphenol-d8	8.47	113	34507	18.63	ng/ul	0.02
8) Nitrobenzene-d5	8.90	128	16876	22.02	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	19934	21.29	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.17	165	39340	21.27	ng/ul	0.01
12) 4-Chloroaniline-d4	10.67	131	39086	31.23	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	117255	18.71	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	144827	20.06	ng/ul	0.01
20) 4-Nitrophenol-d4	14.64	143	12428	16.46	ng/ul	0.03
21) Fluorene-d10	15.38	176	101822	19.07	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.54	200	10489	10.16	ng/ul	0.02
26) Anthracene-d10	17.23	188	155720	19.49	ng/ul	0.01
30) Pyrene-d10	19.53	212	158055	23.88	ng/ul	0.01
37) Benzo(a)pyrene-d12	23.43	264	124923	20.08	ng/ul	0.02
Target Compounds						Qvalue
11) Naphthalene	10.58	128	115034	19.77	ng/ul	100
13) 2-Methylnaphthalene	12.20	142	86970	19.61	ng/ul	97
14) 1-Methylnaphthalene	12.42	142	86054	18.64	ng/ul	98
18) Acenaphthylene	14.11	152	145216	19.87	ng/ul	99
19) Acenaphthene	14.45	153	96954	19.88	ng/ul	99
22) Fluorene	15.44	166	114662	19.39	ng/ul	100
25) Phenanthrene	17.17	178	178732	19.62	ng/ul	99
27) Anthracene	17.27	178	183412	19.69	ng/ul	99
28) Fluoranthene	19.19	202	197780	17.27	ng/ul	98
31) Pyrene	19.56	202	197172	23.89	ng/ul	99
32) Benzo(a)anthracene	21.30	228	174983	20.06	ng/ul	99
33) Chrysene	21.36	228	164047	19.53	ng/ul	97
35) Benzo(b)fluoranthene	22.90	252	164052	21.18	ng/ul	98
36) Benzo(k)fluoranthene	22.94	252	149004	19.92	ng/ul	100
38) Benzo(a)pyrene	23.48	252	149376	19.64	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.87	276	180573	19.43	ng/ul	98
40) Dibenzo(a,h)anthracene	25.87	278	149608	19.58	ng/ul	98
41) Benzo(g,h,i)perylene	26.58	276	147448	18.64	ng/ul	99

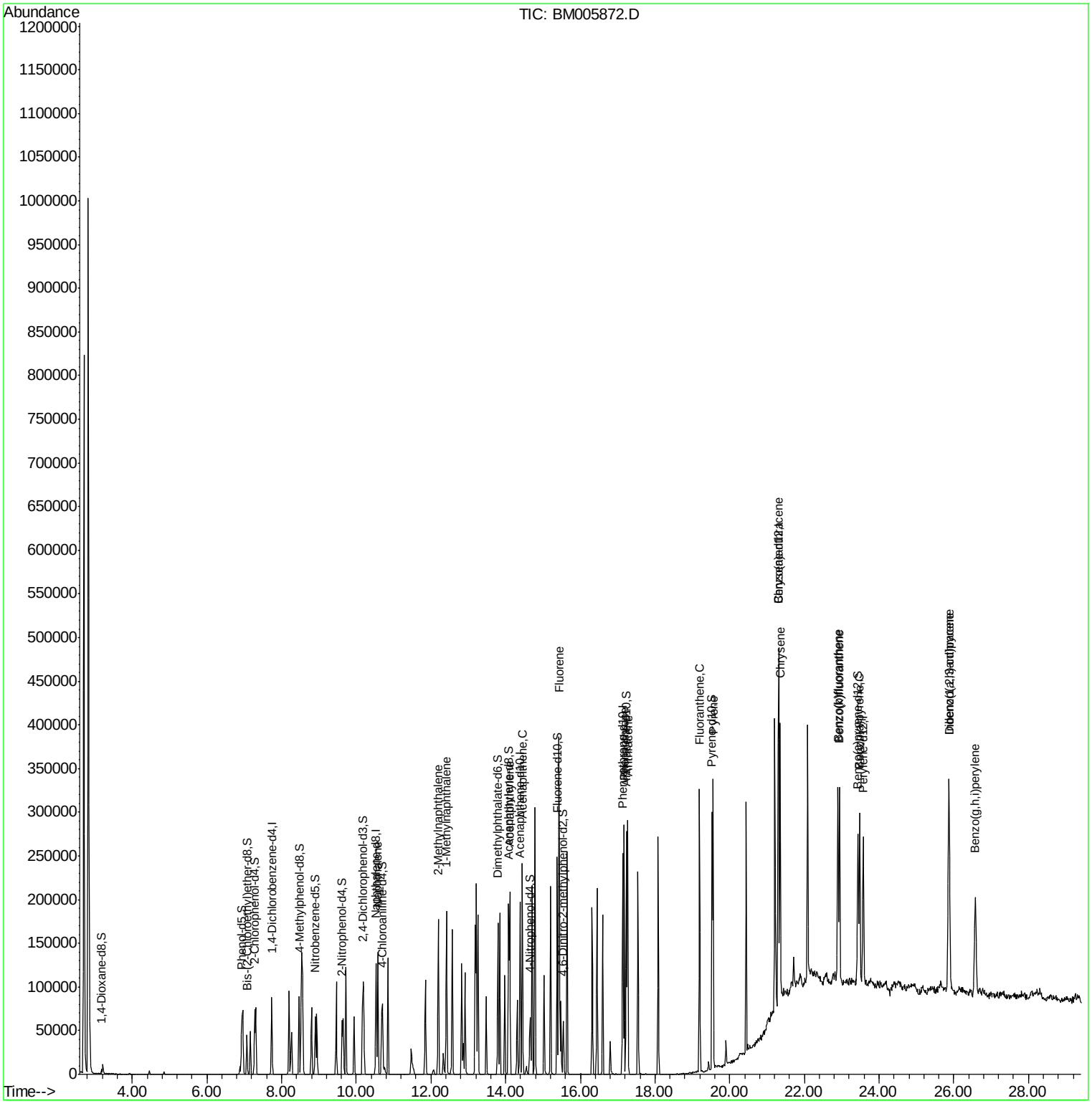
(#) = qualifier out of range (m) = manual integration (+) = signals summed

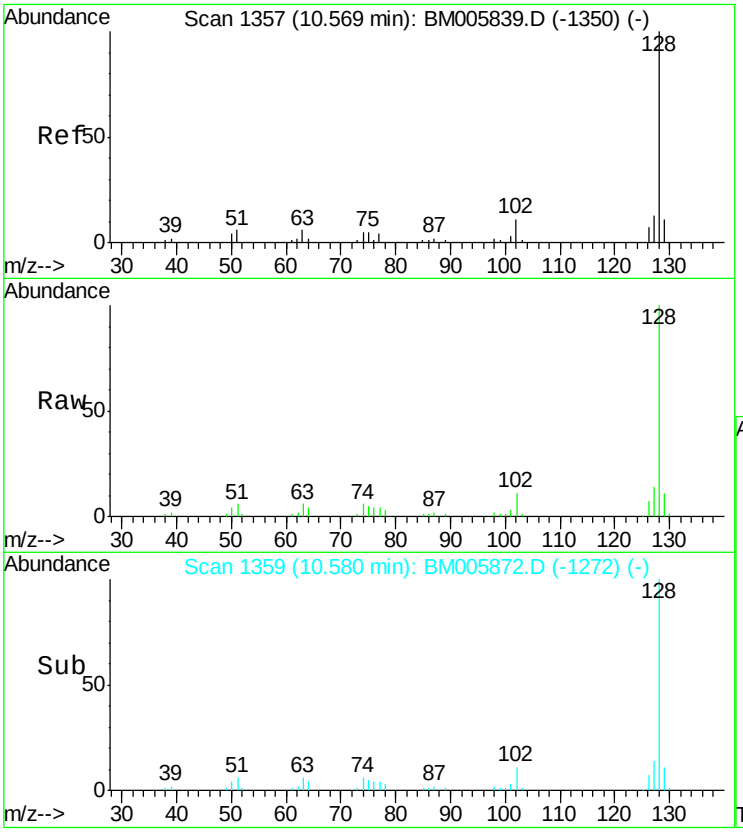
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061816\
Data File : BM005872.D
Acq On : 17 Jun 2016 21:47
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Quant Time: Jun 17 23:19:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 17 10:48:37 2016
Response via : Initial Calibration



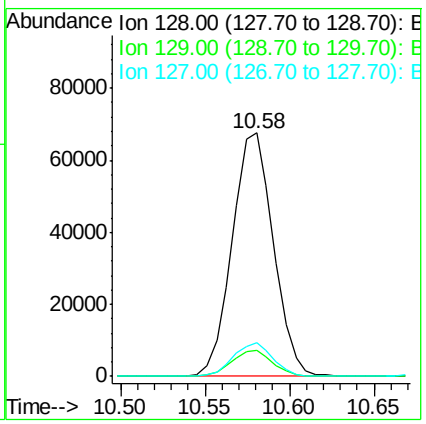


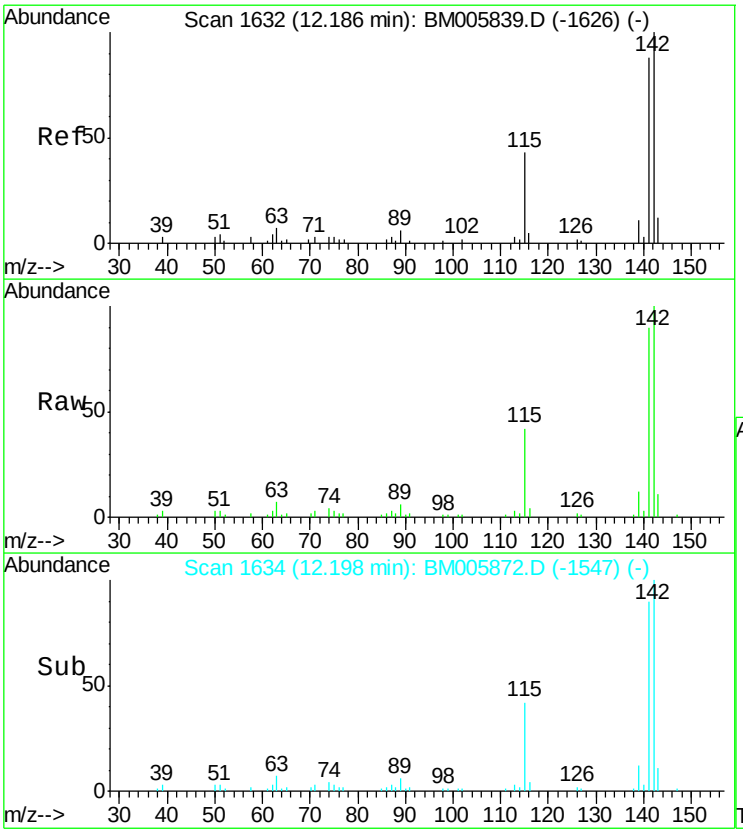
#11
Naphthalene
Concen: 19.77 ng/ul
RT: 10.58 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:128 Resp: 115034

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.7	10.9	16.3

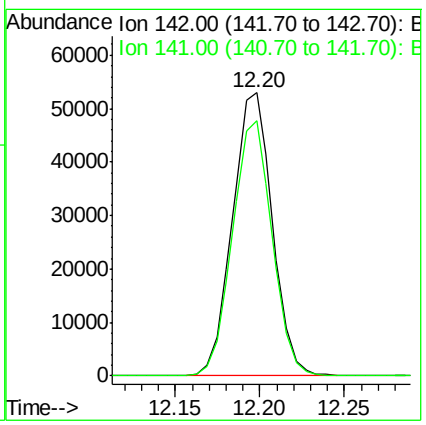


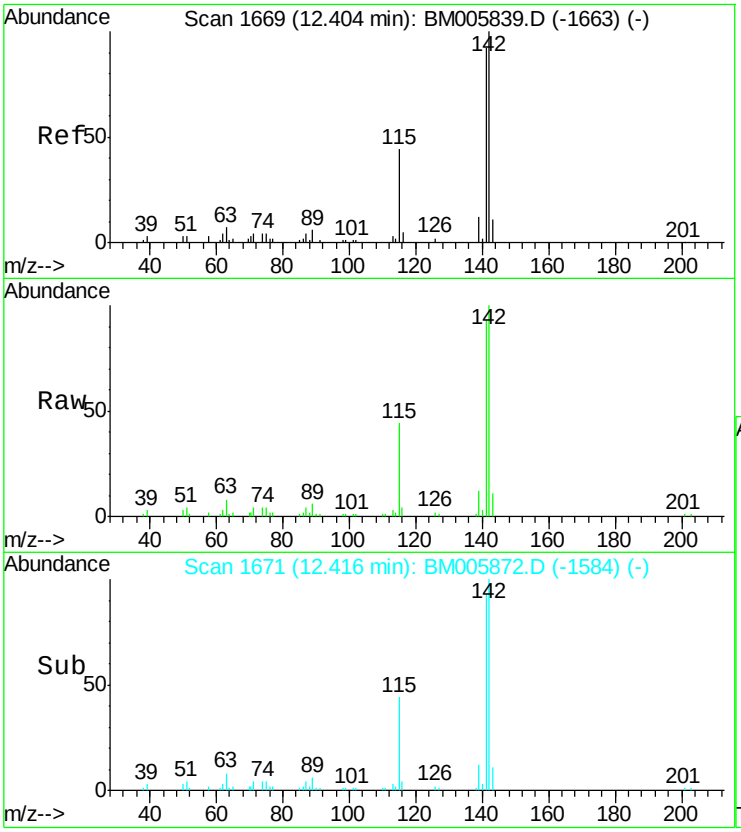


#13
2-Methylnaphthalene
Concen: 19.61 ng/ul
RT: 12.20 min Scan# 1634
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:142 Resp: 86970

Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.2	105.2



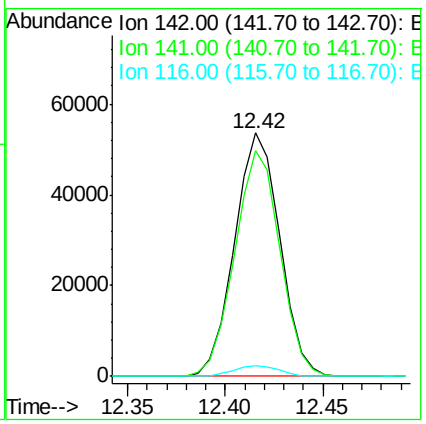


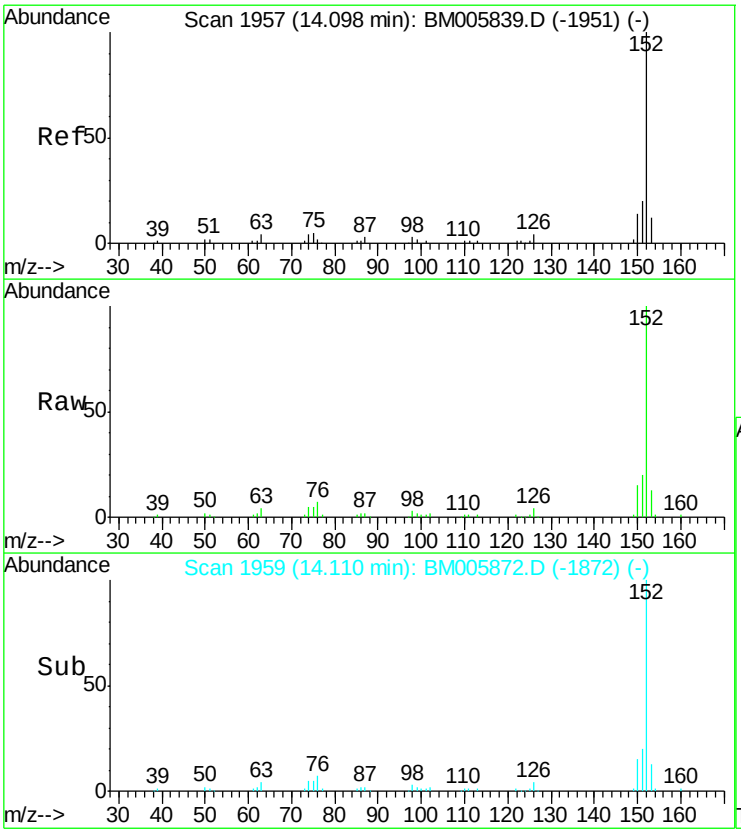
#14
1-Methylnaphthalene
Concen: 18.64 ng/ul
RT: 12.42 min Scan# 1671
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:142 Resp: 86054

Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.4	113.2
116	4.5	3.7	5.5

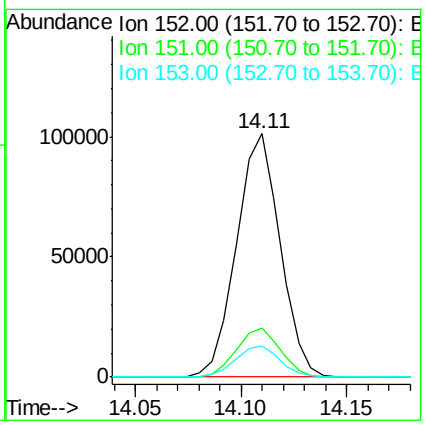


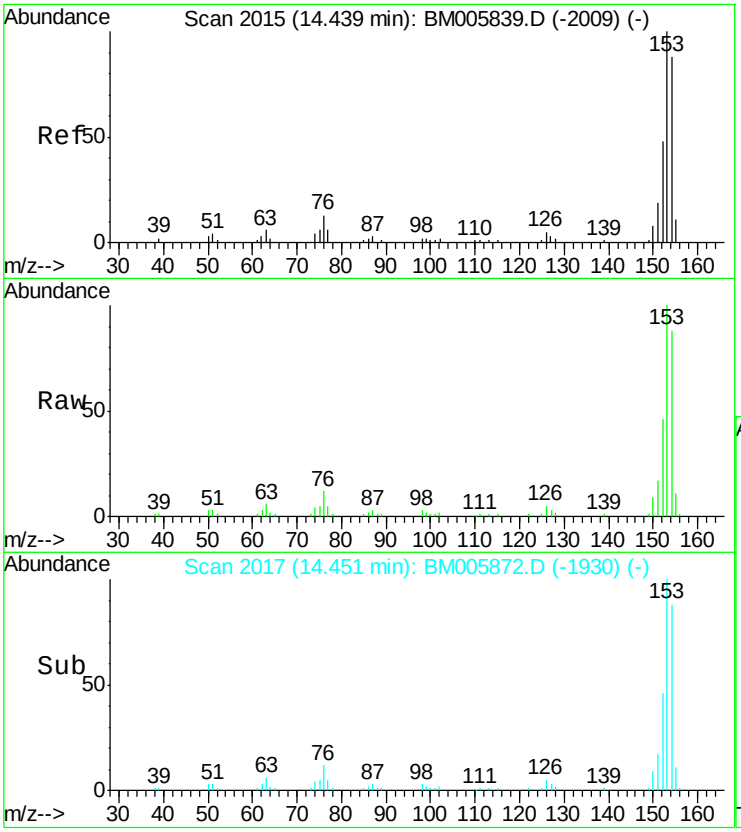


#18
Acenaphthylene
Concen: 19.87 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:152 Resp: 145216

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.8	10.2	15.2



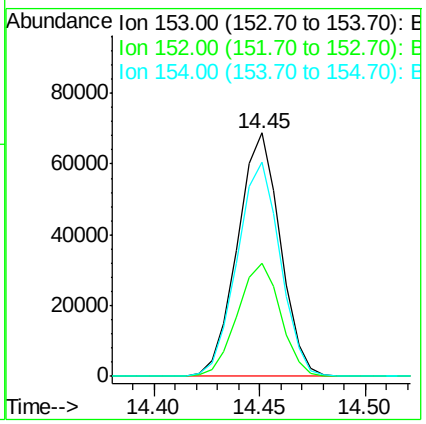


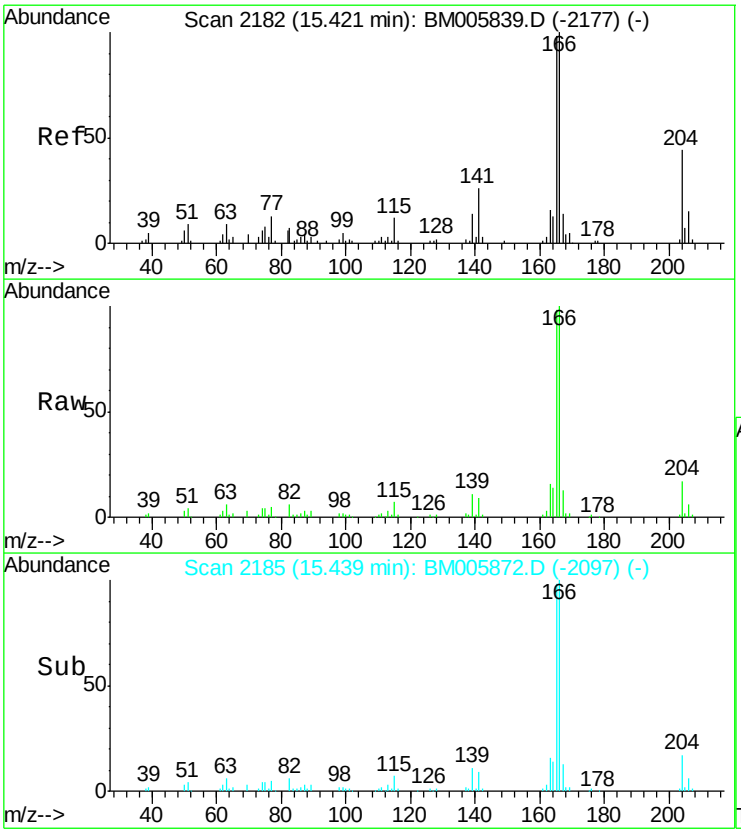
#19
Acenaphthene
Concen: 19.88 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:153 Resp: 96954

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.4	56.0
154	88.2	69.7	104.5

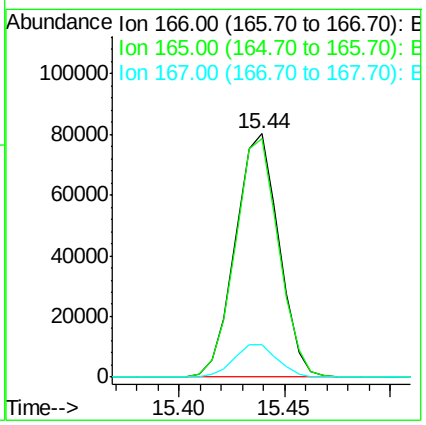


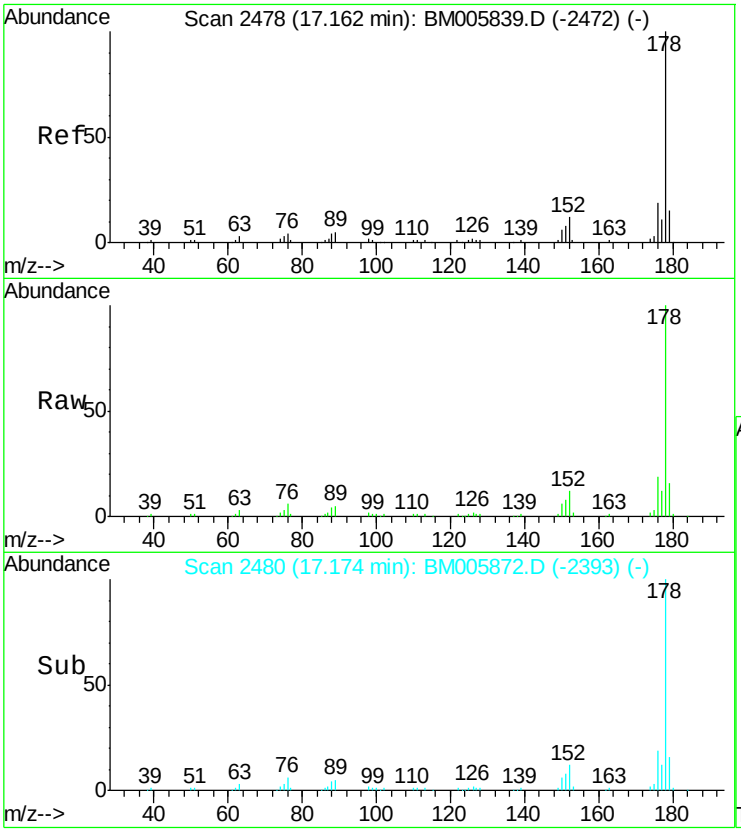


#22
Fluorene
Concen: 19.39 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. 0.02 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:166 Resp: 114662

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.5	117.7
167	13.3	10.7	16.1



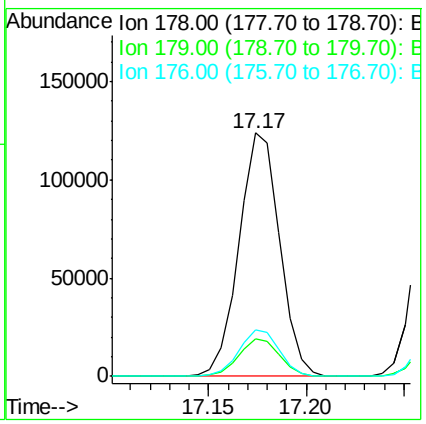


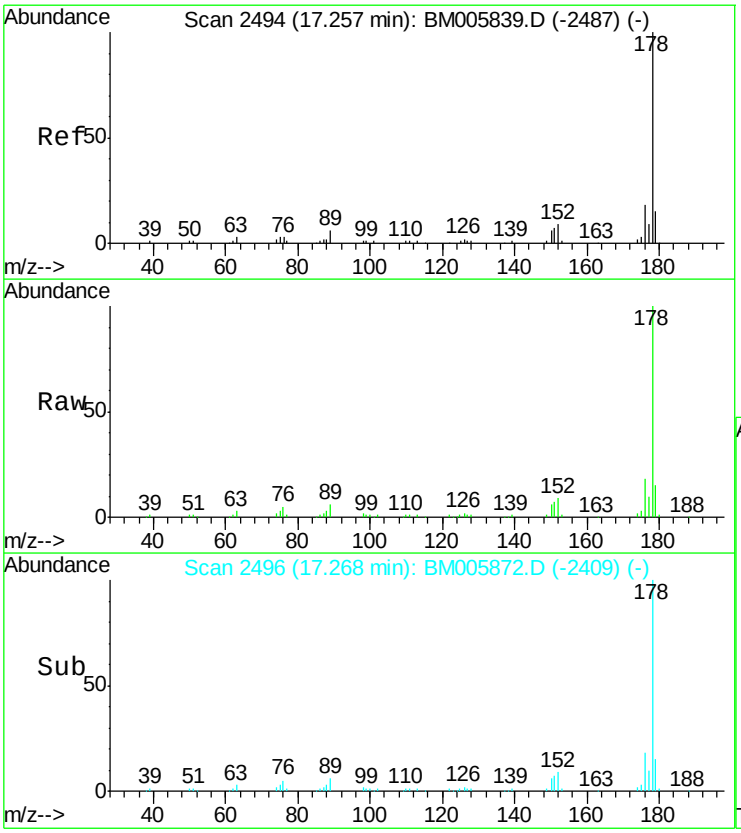
#25
Phenanthrene
Concen: 19.62 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:178 Resp: 178732

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.0	18.0
176	19.2	14.9	22.3

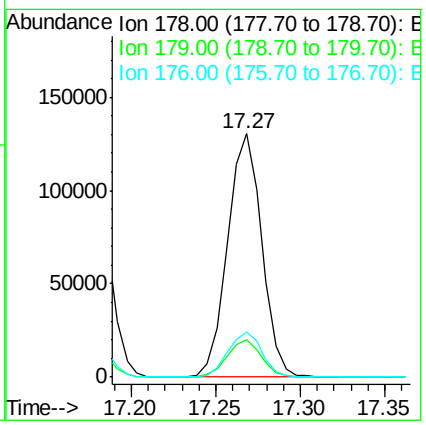


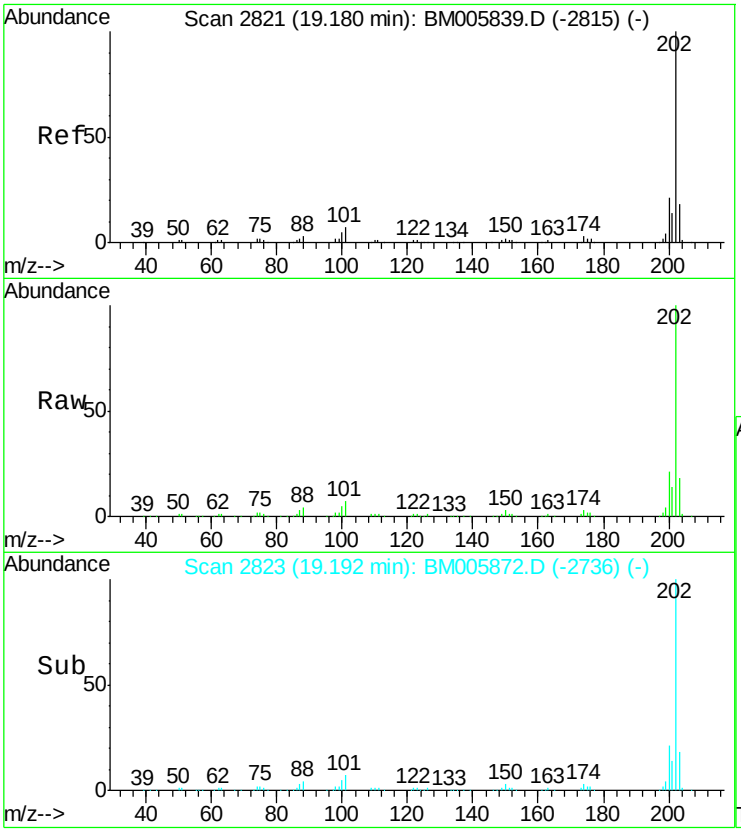


#27
Anthracene
Concen: 19.69 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:178 Resp: 183412

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.9	17.9
176	18.4	14.8	22.2



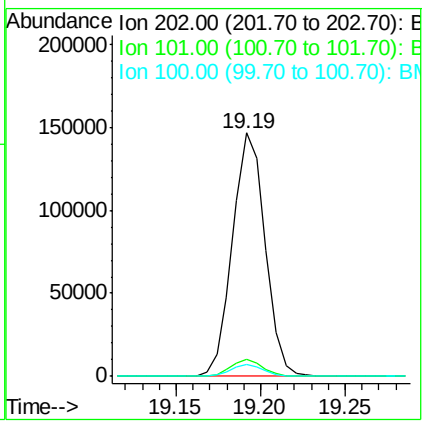


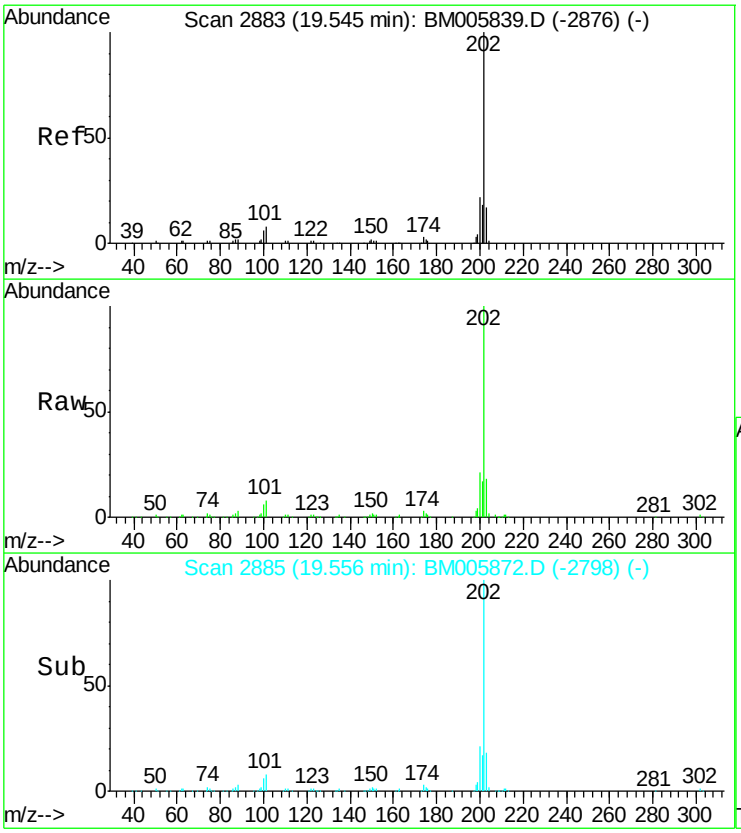
#28
Fluoranthene
Concen: 17.27 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:202 Resp: 197780

Ion	Ratio	Lower	Upper
202	100		
101	6.9	6.1	9.1
100	4.9	4.2	6.2

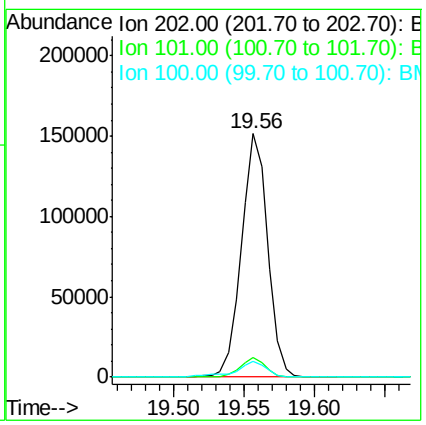


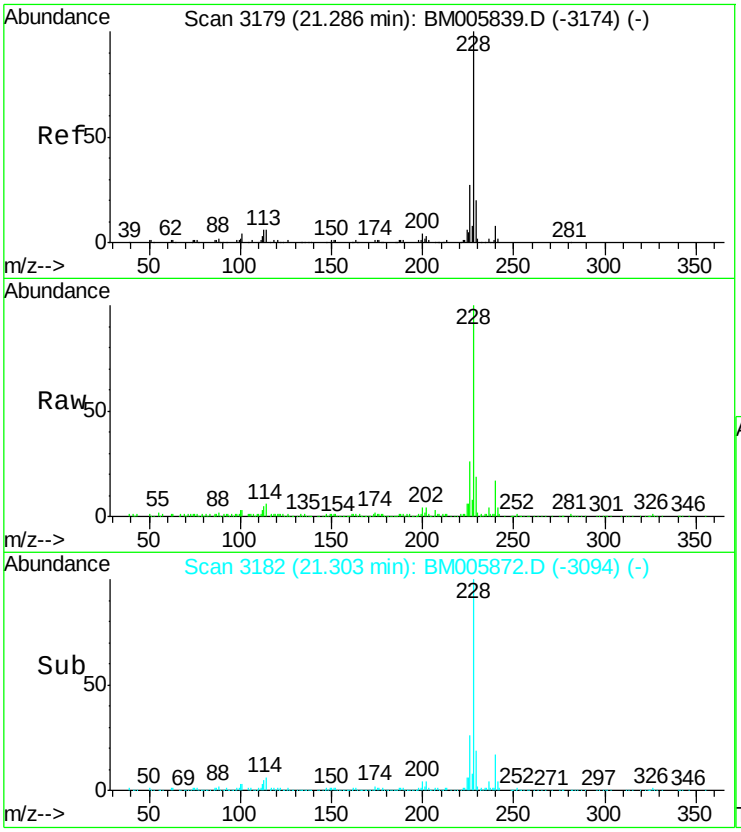


#31
Pyrene
Concen: 23.89 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:202 Resp: 197172

Ion	Ratio	Lower	Upper
202	100		
101	7.9	6.5	9.7
100	6.4	5.4	8.2



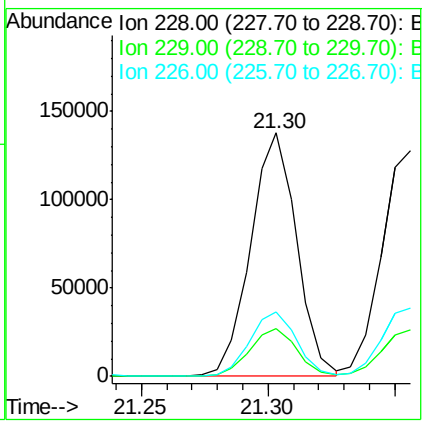


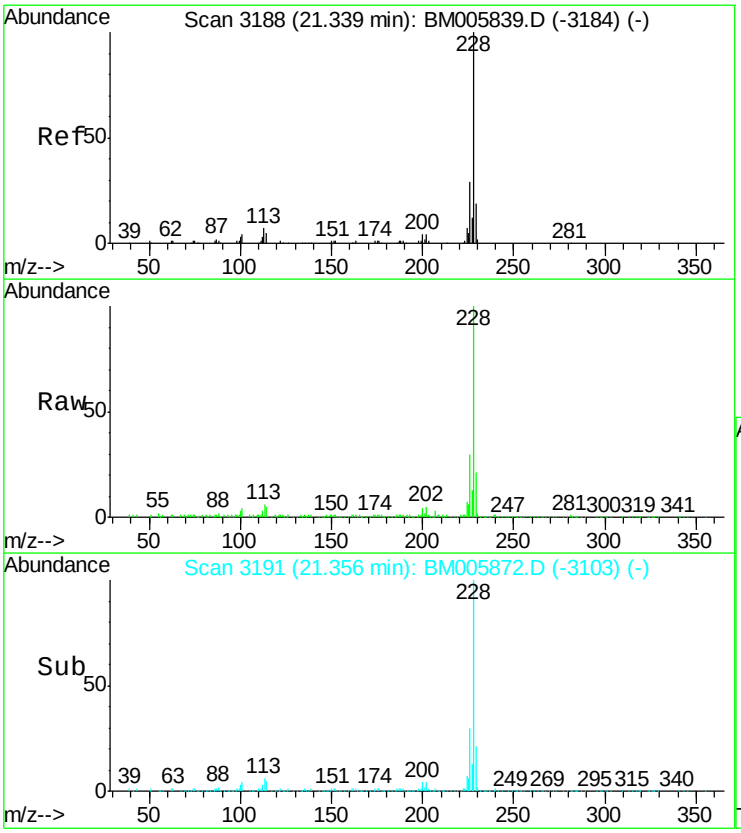
#32
Benzo(a)anthracene
Concen: 20.06 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:228 Resp: 174983

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.8	23.6
226	26.5	21.8	32.6

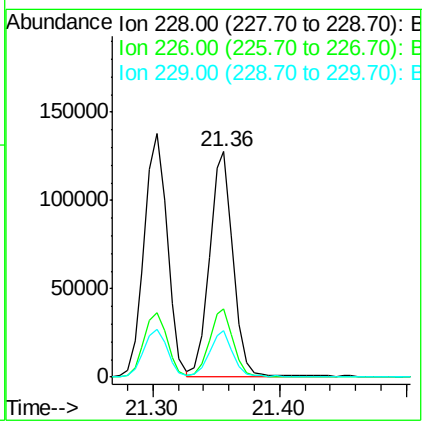


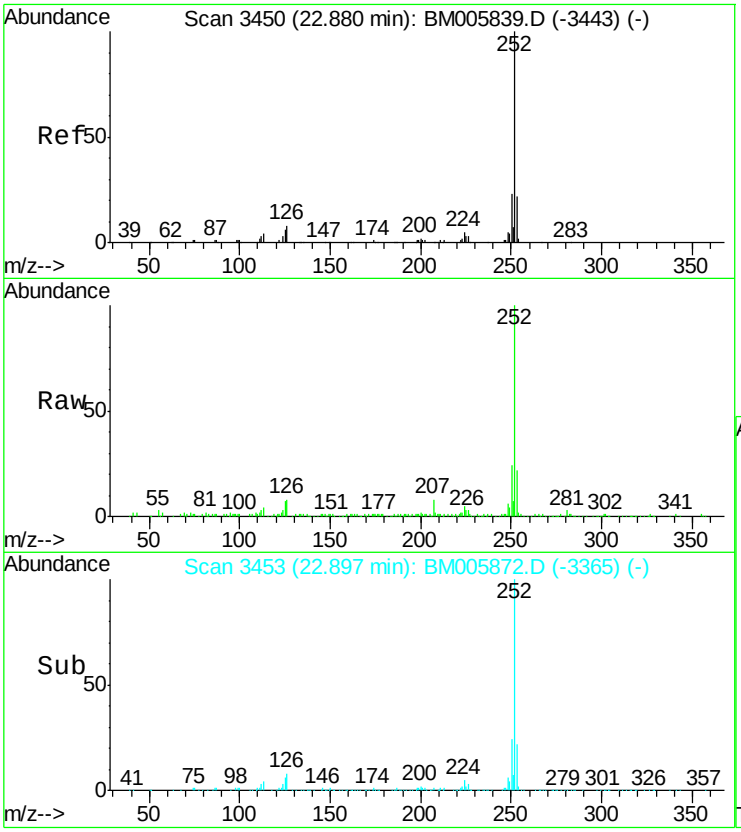


#33
Chrysene
Concen: 19.53 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. 0.02 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:228 Resp: 164047

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.5	35.3
229	20.7	15.4	23.0



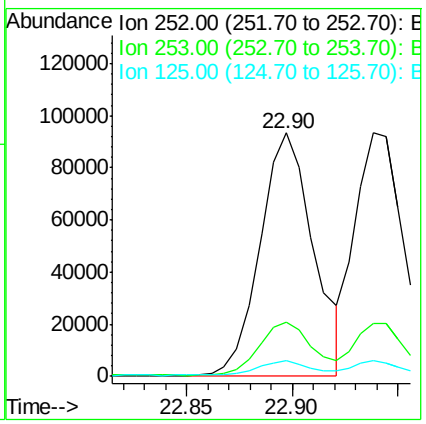


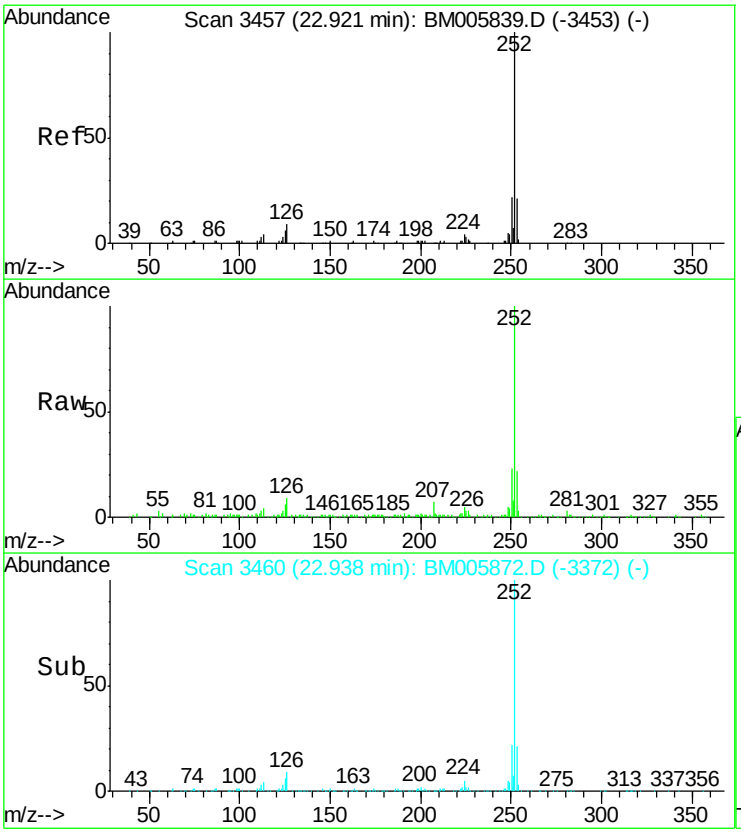
#35
Benzo(b)fluoranthene
Concen: 21.18 ng/ul
RT: 22.90 min Scan# 3453
Delta R.T. 0.02 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:252 Resp: 164052

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	6.6	4.9	7.3

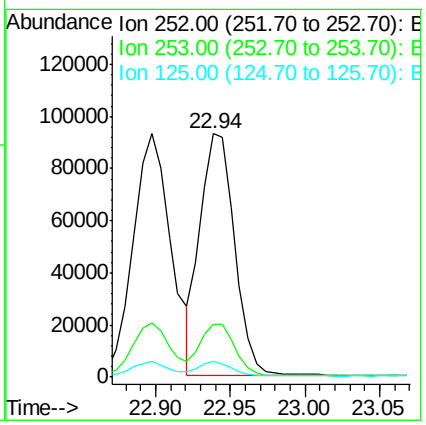


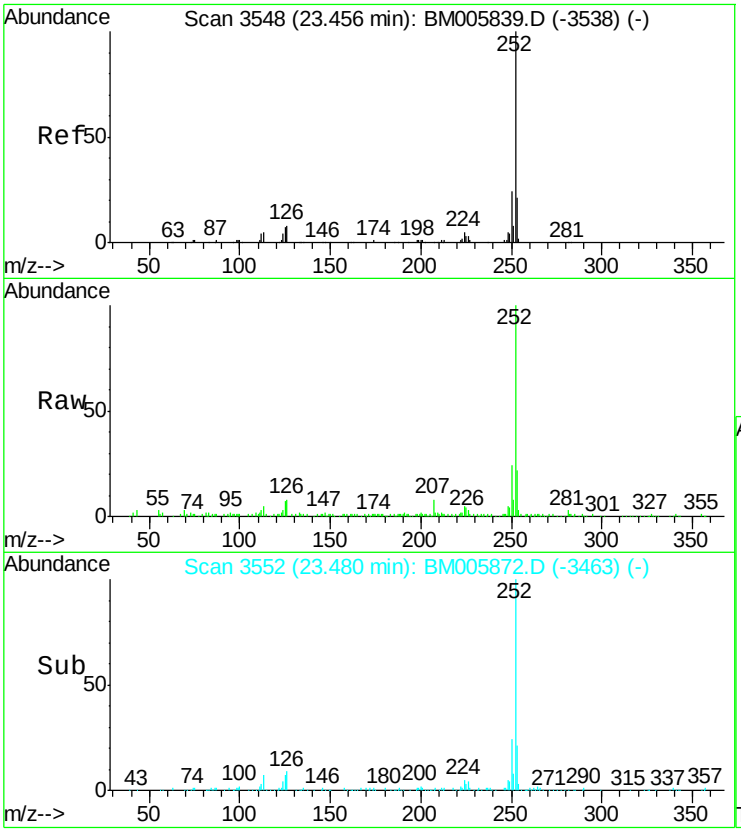


#36
Benzo(k)fluoranthene
Concen: 19.92 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. 0.02 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:252 Resp: 149004

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	6.3	4.8	7.2



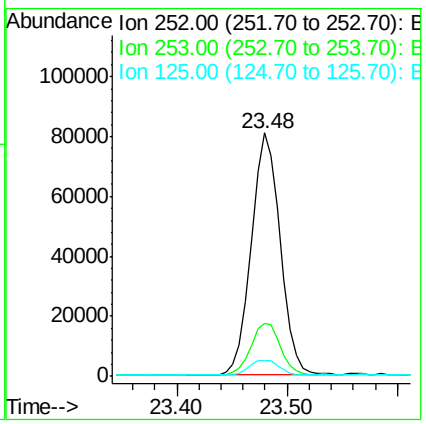


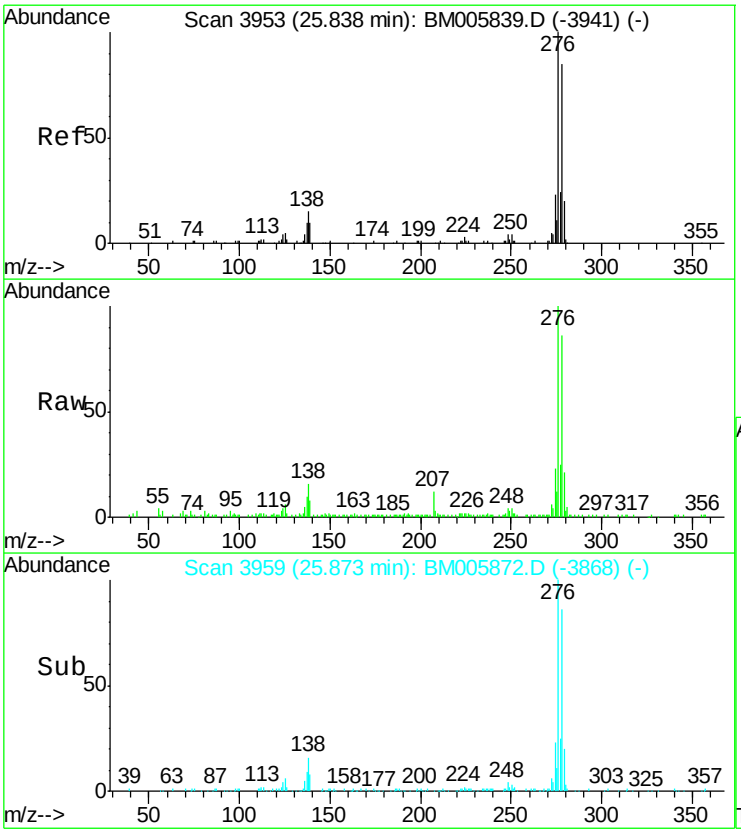
#38
Benzo(a)pyrene
Concen: 19.64 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. 0.02 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:252 Resp: 149376

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	6.7	5.1	7.7

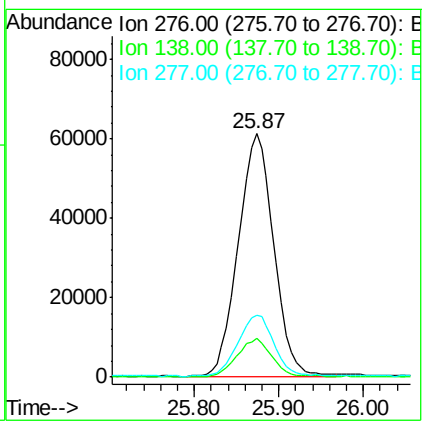


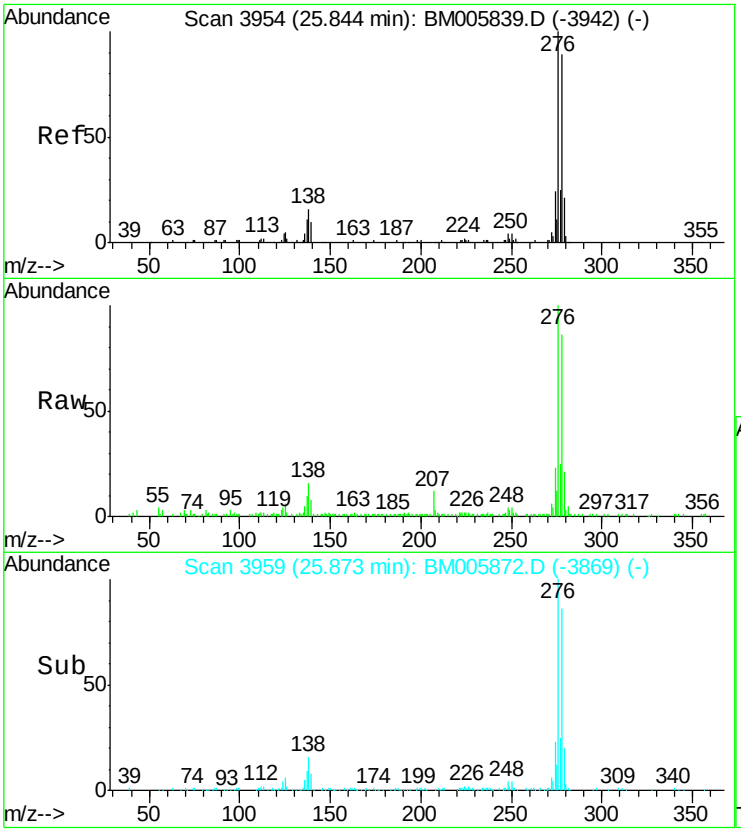


#39
Indeno(1,2,3-cd)pyrene
Concen: 19.43 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.04 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:276 Resp: 180573

Ion	Ratio	Lower	Upper
276	100		
138	15.8	11.9	17.9
277	25.3	21.0	31.6



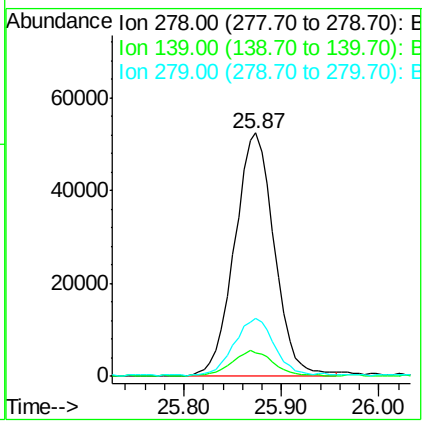


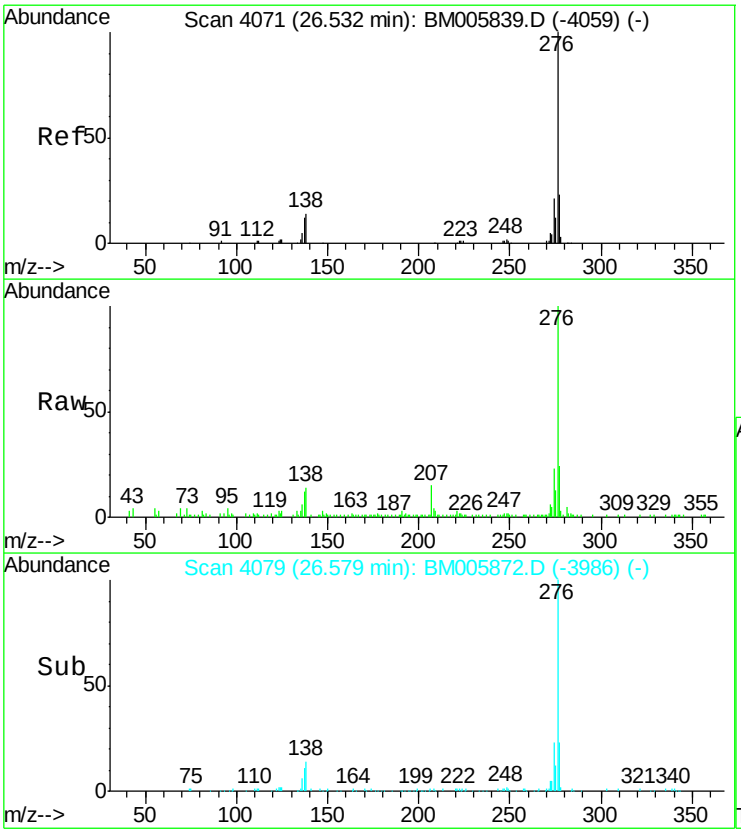
#40
Dibenzo(a,h)anthracene
Concen: 19.58 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. 0.03 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Instrument :
BNA_M
ClientSampleId :
SSTD02058

Tgt Ion:278 Resp: 149608

Ion	Ratio	Lower	Upper
278	100		
139	9.8	8.2	12.4
279	24.1	18.6	27.8





#41
Benzo(g,h,i)perylene
Concen: 18.64 ng/ul
RT: 26.58 min Scan# 4079
Delta R.T. 0.05 min
Lab File: BM005872.D
Acq: 17 Jun 2016 21:47

Tgt Ion:276 Resp: 147448

Ion	Ratio	Lower	Upper
276	100		
138	13.5	10.6	15.8
277	24.0	19.6	29.4