Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005755.D
Acq On : 12 Jun 2016 19:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Jun 13 03:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	93440	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	477275	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	292031	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	650555	20.00	ng/ul	-0.01
29) Chrysene-d12	21.32	240	501991	20.00	ng/ul	-0.01
34) Perylene-d12	23.57	264	448933	20.00	ng/ul	-0.01
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	14033	6.51	ng/uL	0.00
3) Phenol-d5	6.93	99	150358	18.65	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	90744	18.73	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	126657	19.43	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	133030	19.53	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	67686	19.68	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	74673	19.20	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	142554	20.21	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	193232	22.70	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	463702	19.25	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	592041	20.09	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	60852	17.27	ng/ul	-0.01
21) Fluorene-d10	15.39	176	400715	19.65	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	51847	15.41	ng/ul	-0.01
26) Anthracene-d10	17.23	188	588610	19.21	ng/ul	0.00
30) Pyrene-d10	19.53	212	570522	23.65	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	414710	20.25	ng/ul	-0.01
Target Compounds						Qvalue
11) Naphthalene	10.59	128	463715	19.39	ng/ul	100
13) 2-Methylnaphthalene	12.20	142	351527	19.55	ng/ul	100
14) 1-Methylnaphthalene	12.42	142	350229	19.71	ng/ul	98
18) Acenaphthylene	14.11	152	588384	19.51	ng/ul	99
19) Acenaphthene	14.46	153	383073	19.51	ng/ul	99
22) Fluorene	15.44	166	436861	19.51	ng/ul	99
25) Phenanthrene	17.18	178	704195	19.78	ng/ul	99
27) Anthracene	17.27	178	696870	19.28	ng/ul	99
28) Fluoranthene	19.19	202	739145	17.67	ng/ul	99
31) Pyrene	19.56	202	714704	23.40	ng/ul	100
32) Benzo(a)anthracene	21.30	228	574315	19.81	ng/ul	99
33) Chrysene	21.36	228	556249	19.45	ng/ul	99
35) Benzo(b)fluoranthene	22.89	252	523391	19.62	ng/ul	99
36) Benzo(k)fluoranthene	22.94	252	514929	19.11	ng/ul	99
38) Benzo(a)pyrene	23.48	252	511426	20.20	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.86	276	594070	24.04	ng/ul	98
40) Dibenzo(a,h)anthracene	25.87	278	501413	24.27	ng/ul	98
41) Benzo(g,h,i)perylene	26.56	276	499652	24.17	ng/ul	99

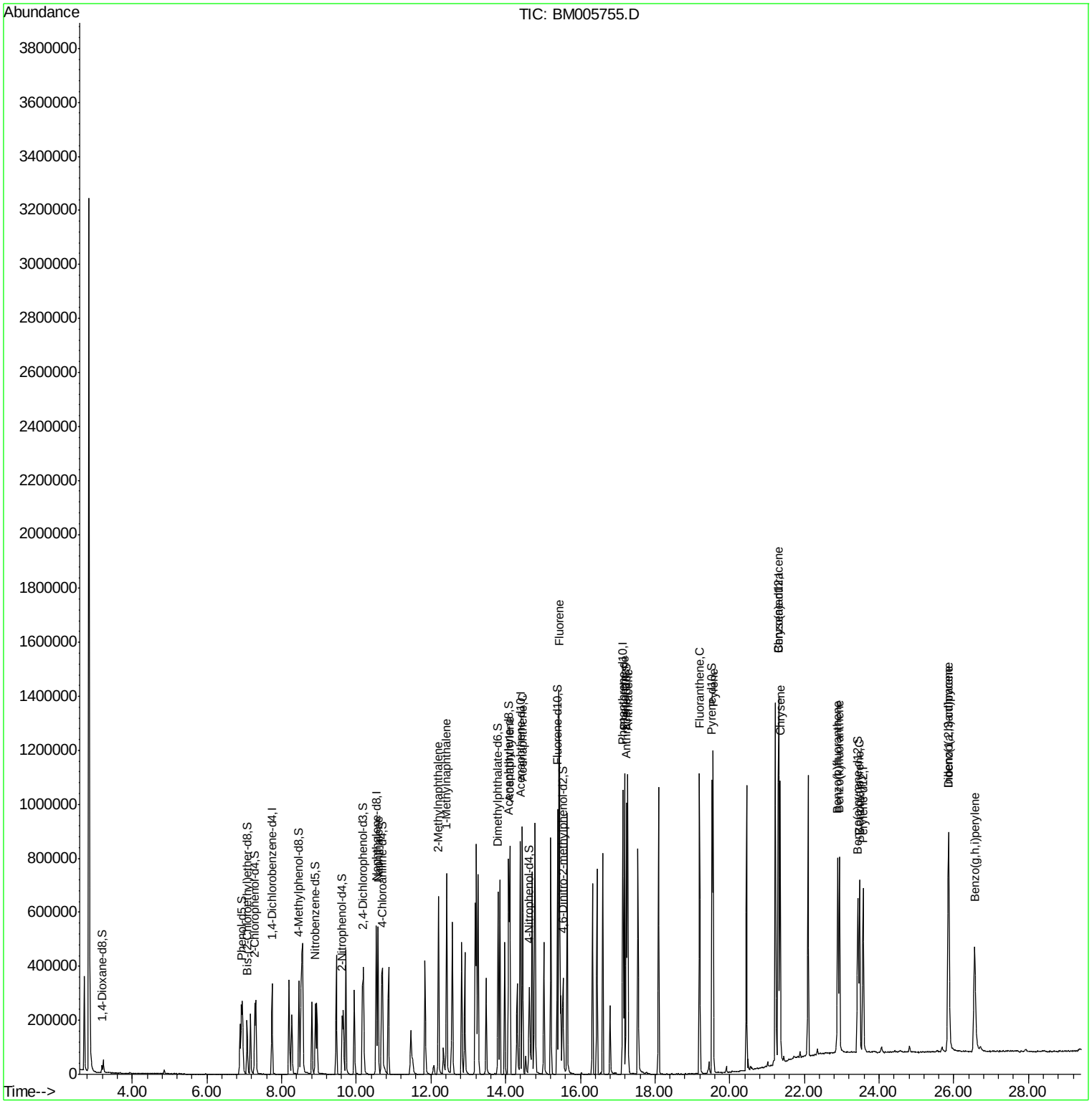
(#) = qualifier out of range (m) = manual integration (+) = signals summed

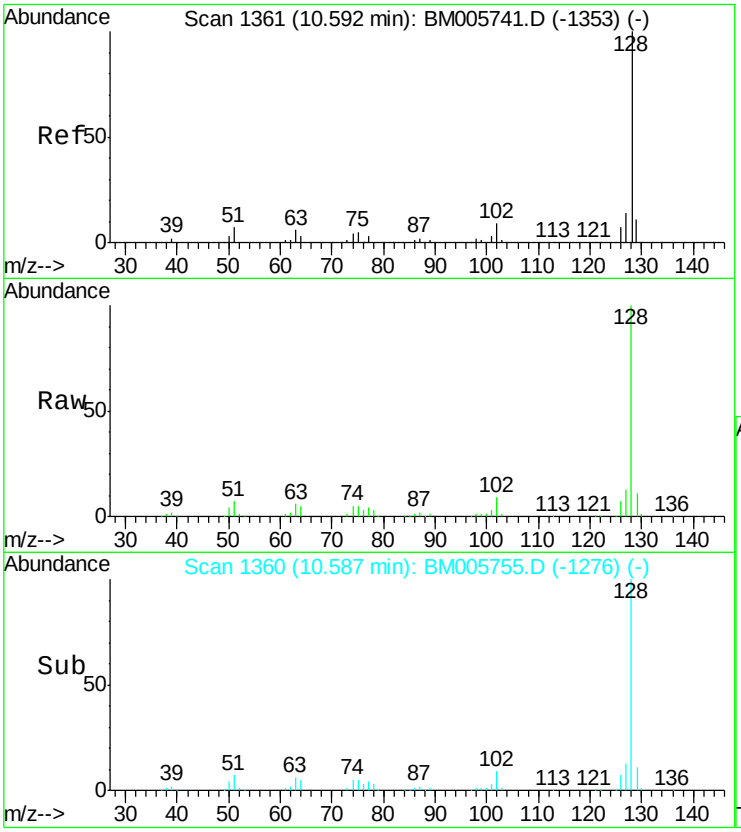
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005755.D
Acq On : 12 Jun 2016 19:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Quant Time: Jun 13 03:31:22 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 13 03:29:45 2016
Response via : Initial Calibration



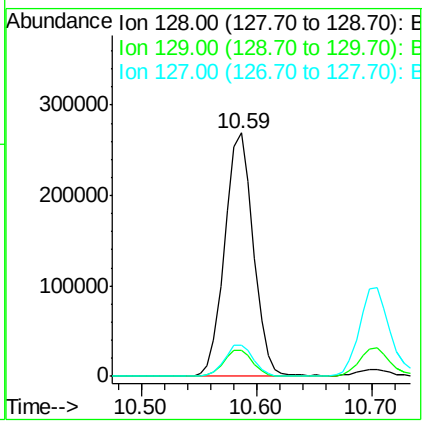


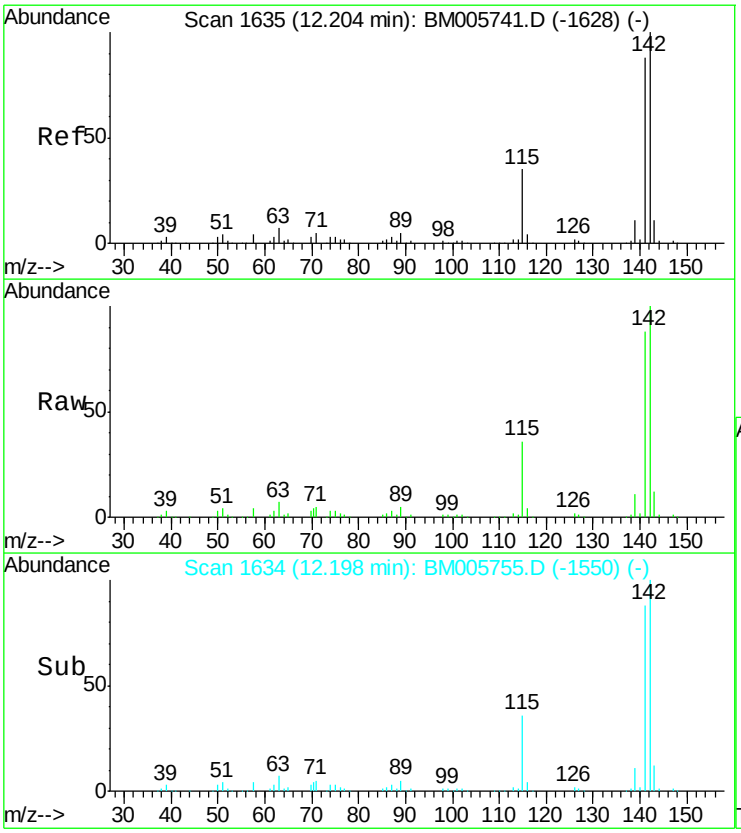
#11
Naphthalene
Concen: 19.39 ng/ul
RT: 10.59 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:128 Resp: 463715

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.8	10.3	15.5

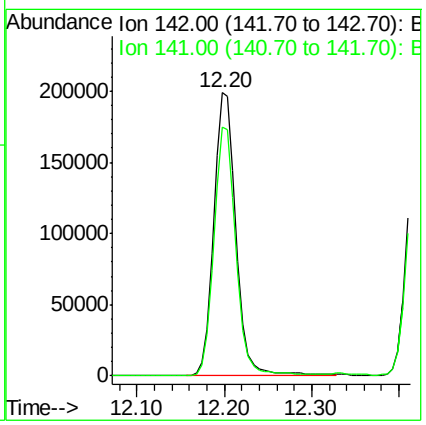


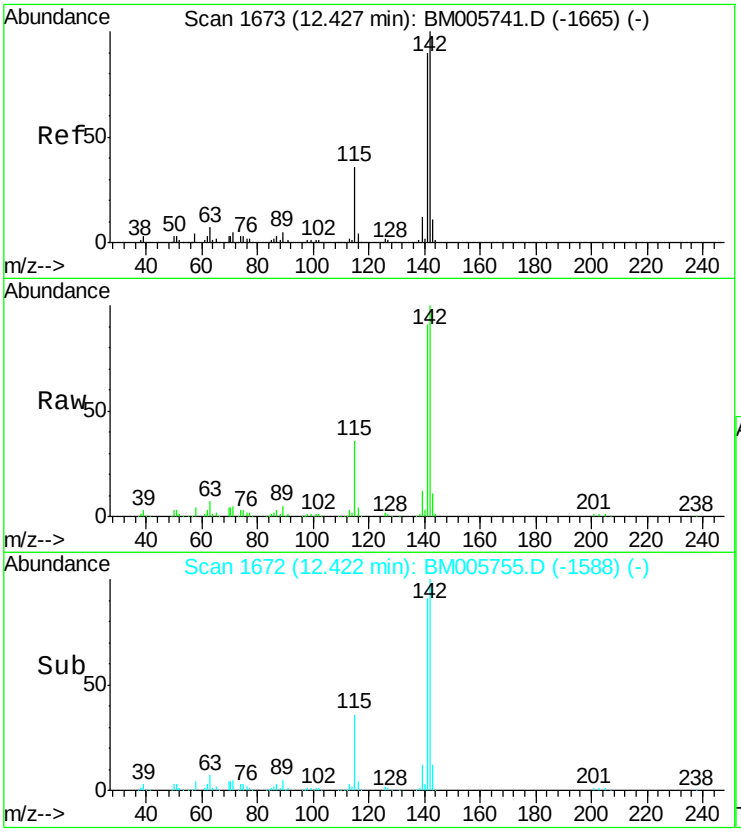


#13
2-Methylnaphthalene
Concen: 19.55 ng/ul
RT: 12.20 min Scan# 1634
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:142 Resp: 351527

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4



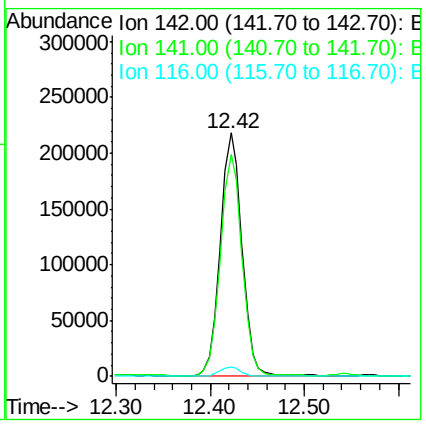


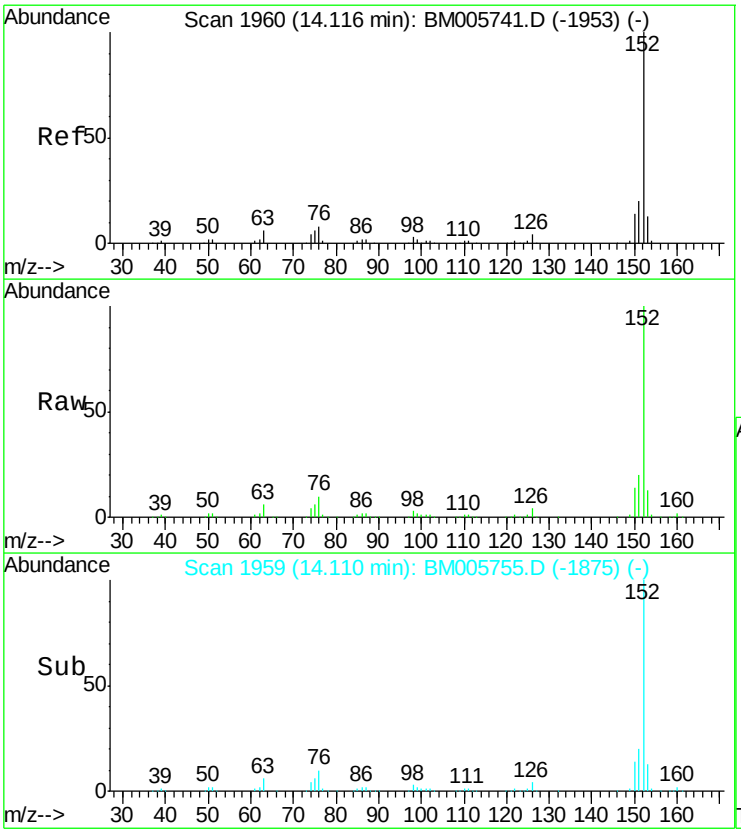
#14
1-Methylnaphthalene
Concen: 19.71 ng/ul
RT: 12.42 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:142 Resp: 350229

Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.6	111.8
116	3.9	3.0	4.6

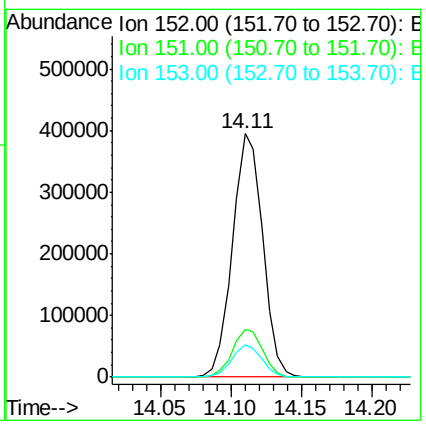


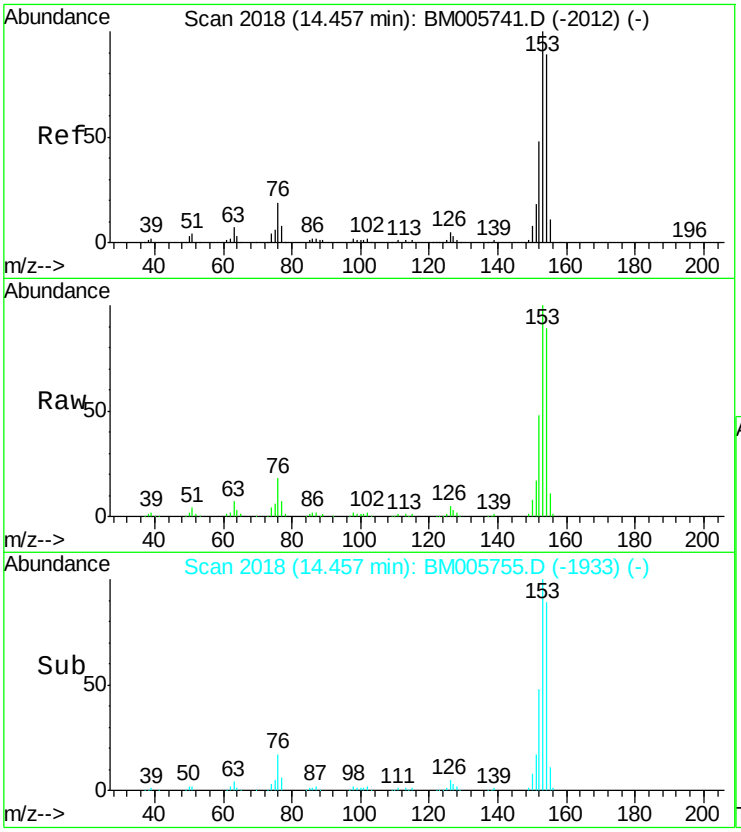


#18
Acenaphthylene
Concen: 19.51 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:152 Resp: 588384

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.3	24.5
153	13.3	10.4	15.6



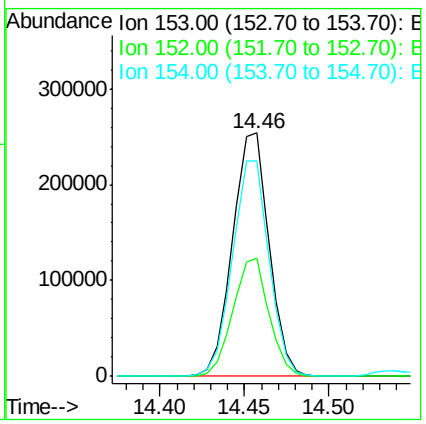


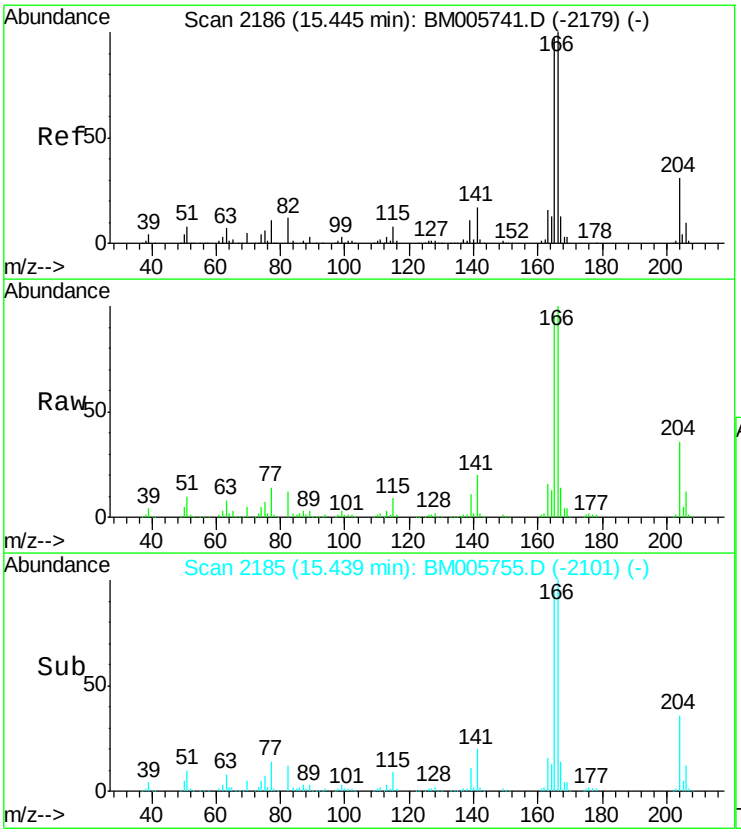
#19
Acenaphthene
Concen: 19.51 ng/ul
RT: 14.46 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:153 Resp: 383073

Ion	Ratio	Lower	Upper
153	100		
152	48.3	38.8	58.2
154	88.7	72.5	108.7

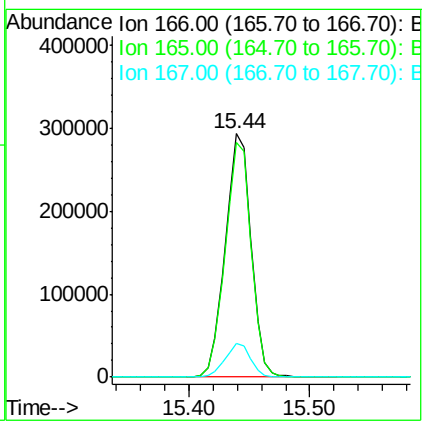


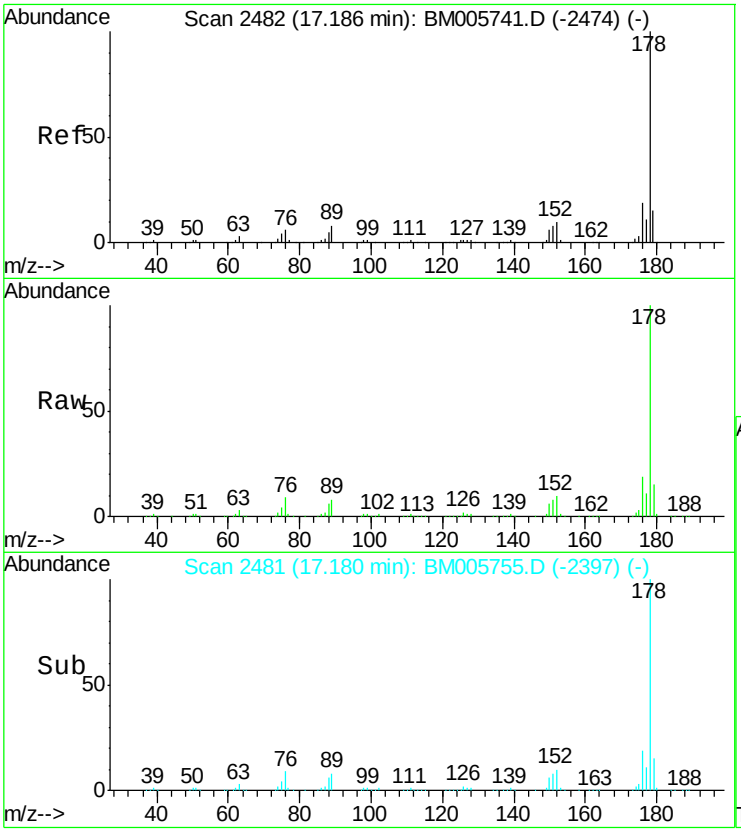


#22
Fluorene
Concen: 19.51 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:166 Resp: 436861

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.4	114.6
167	13.7	10.6	16.0



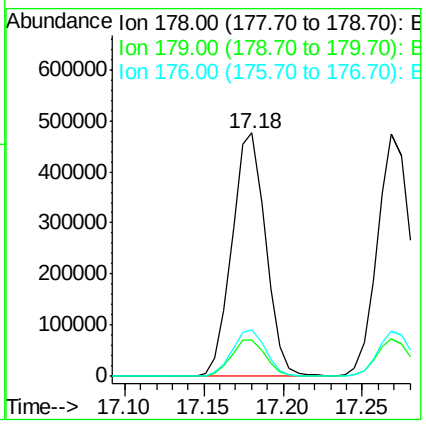


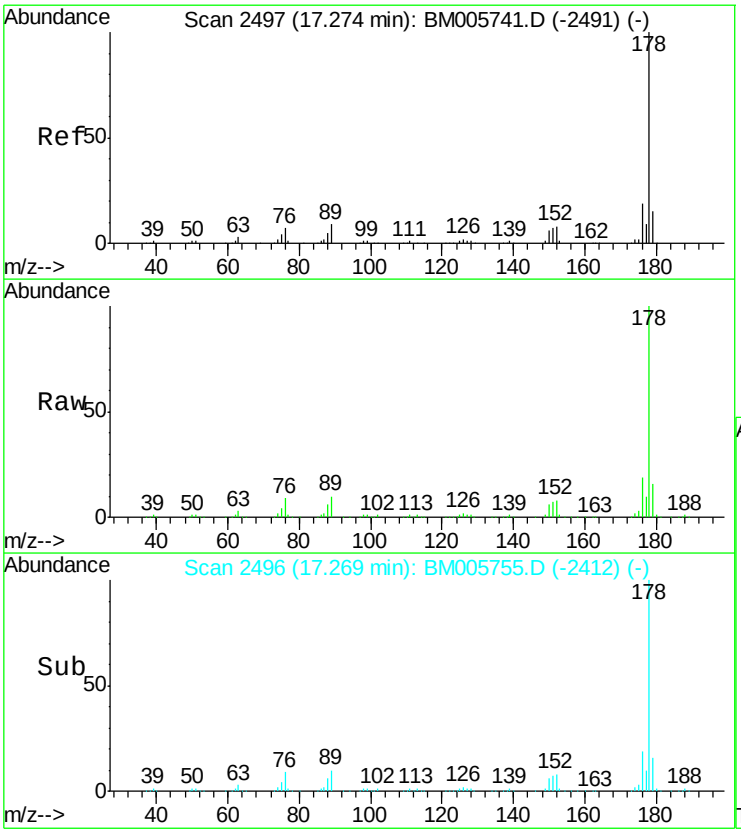
#25
Phenanthrene
Concen: 19.78 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:178 Resp: 704195

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	19.3	15.8	23.6

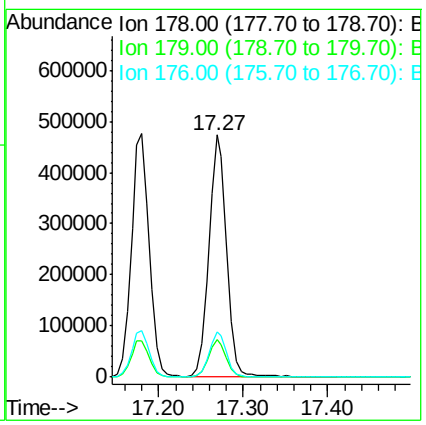


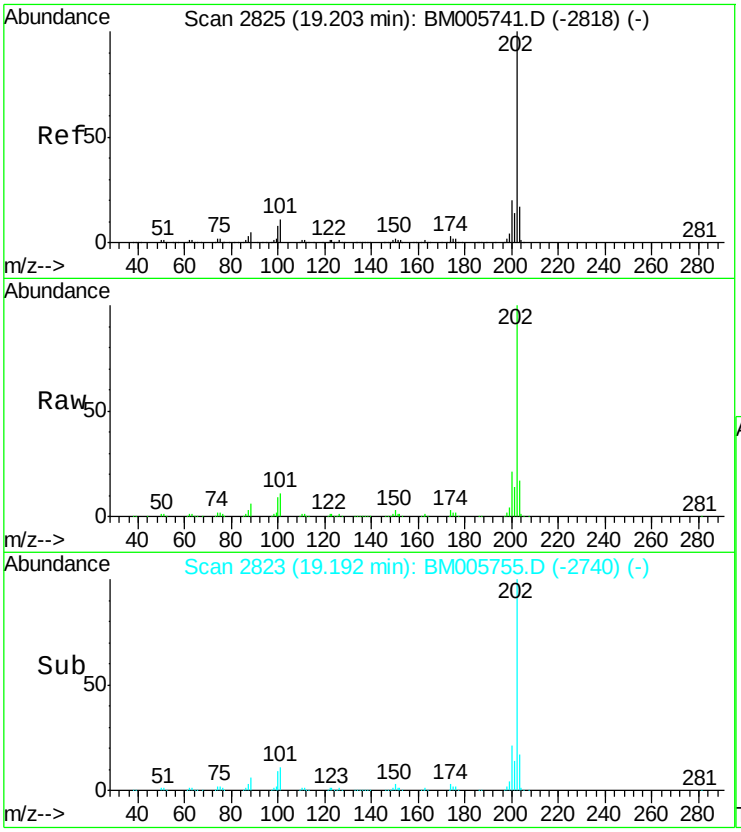


#27
Anthracene
Concen: 19.28 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:178 Resp: 696870

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	18.6	15.0	22.6



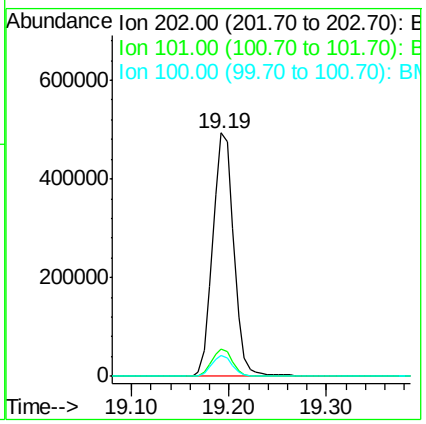


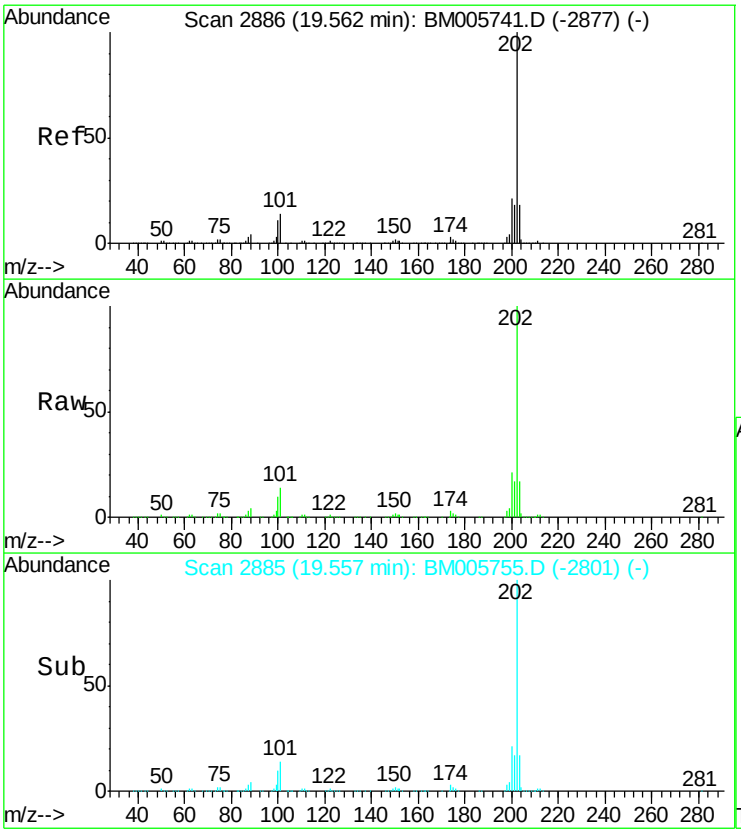
#28
Fluoranthene
Concen: 17.67 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:202 Resp: 739145

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.4	14.2
100	8.6	6.9	10.3

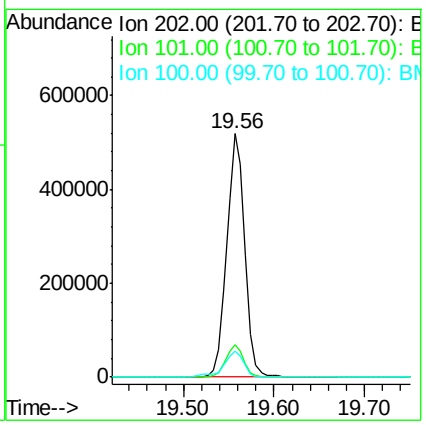


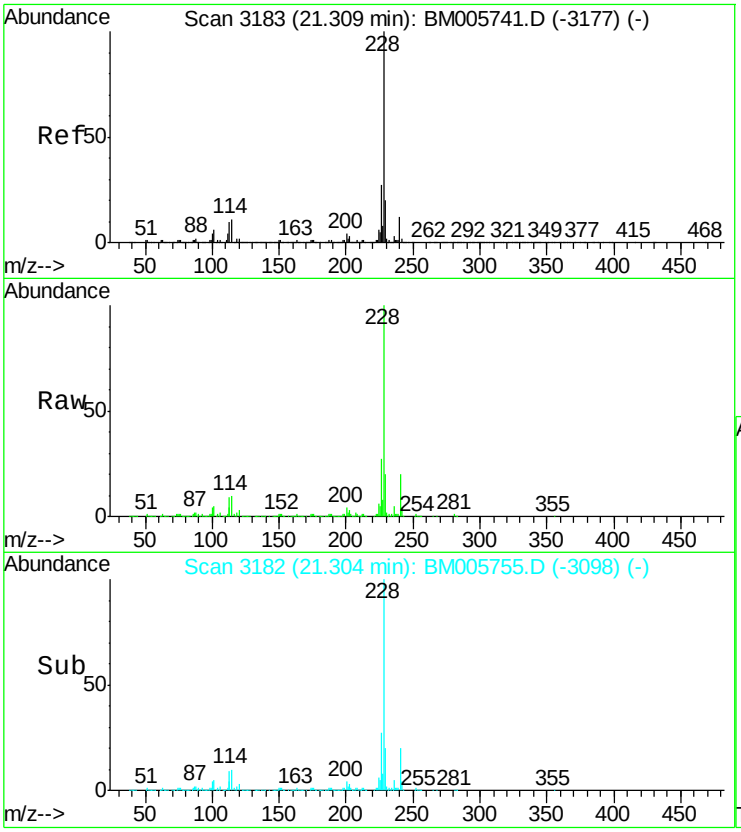


#31
Pyrene
Concen: 23.40 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:202 Resp: 714704

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	10.5	8.4	12.6



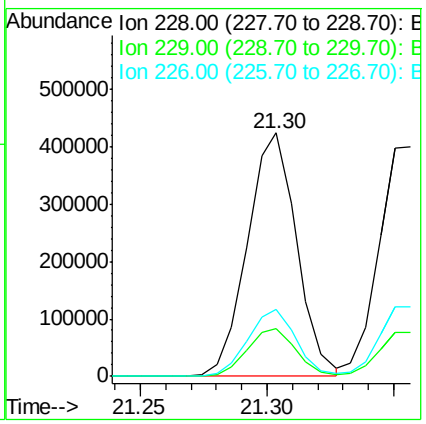


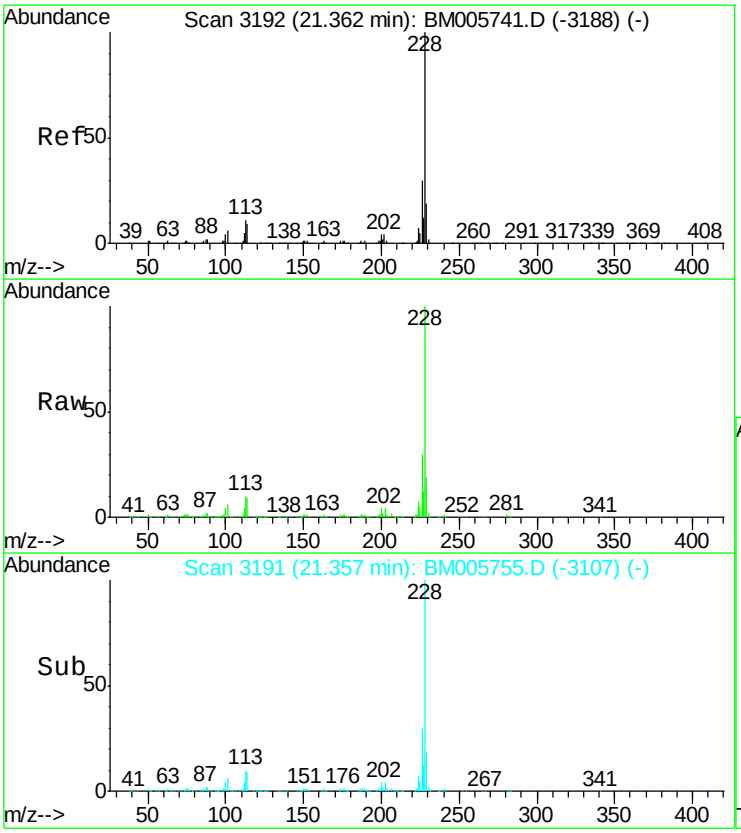
#32
Benzo(a)anthracene
Concen: 19.81 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:228 Resp: 574315

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.1	24.1
226	27.3	22.1	33.1

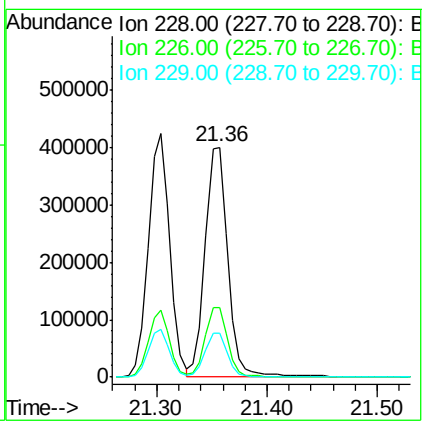


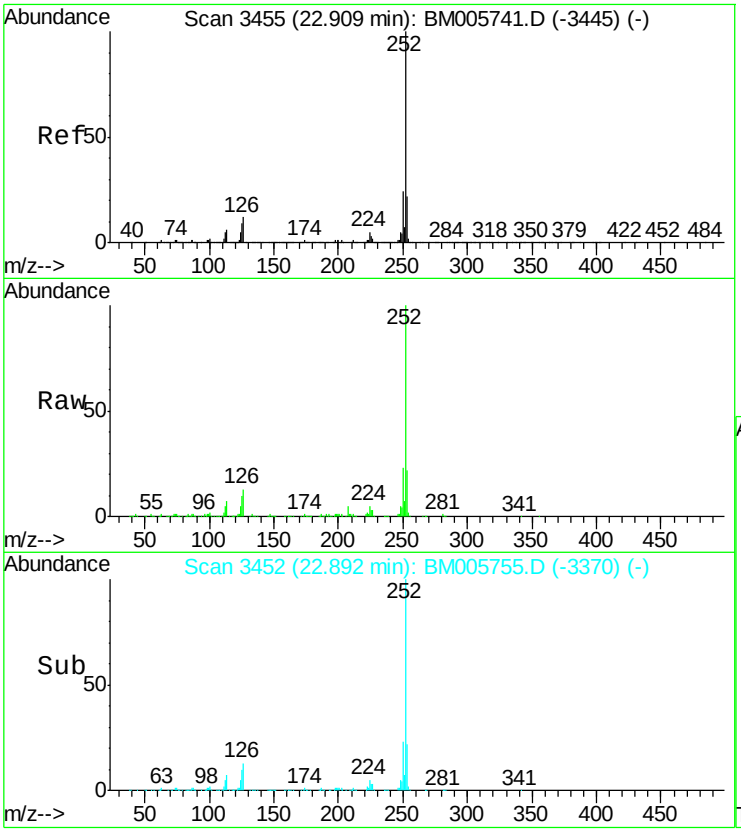


#33
Chrysene
Concen: 19.45 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:228 Resp: 556249

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.2	15.8	23.8



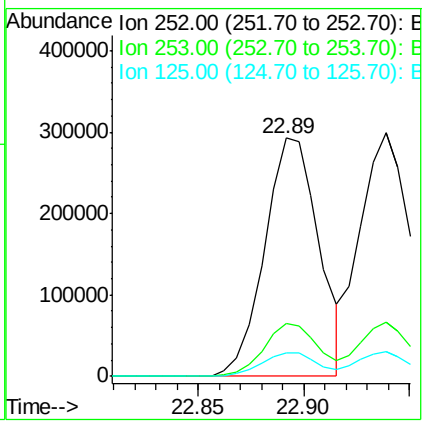


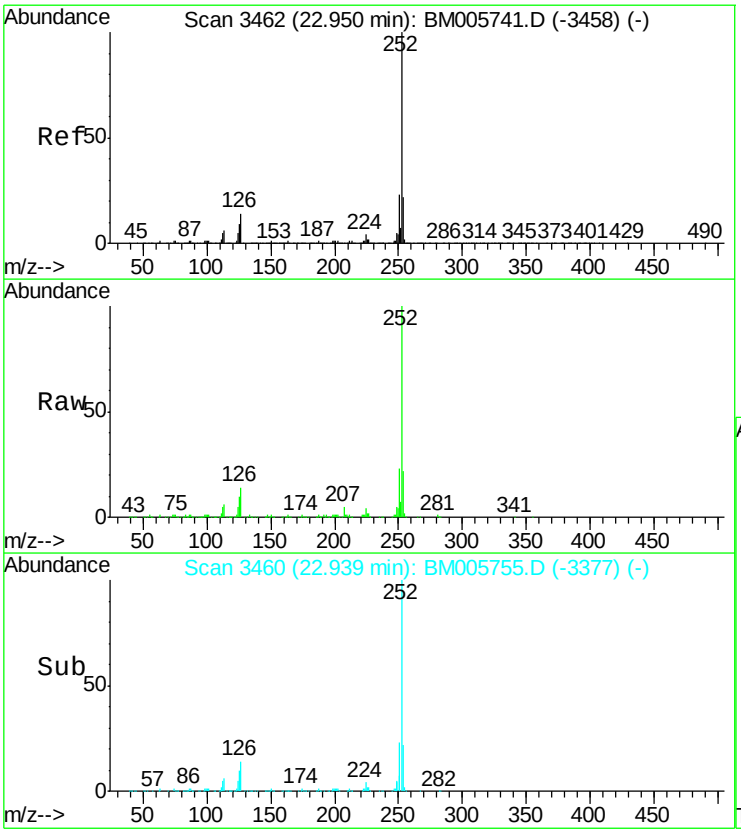
#35
Benzo(b)fluoranthene
Concen: 19.62 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.02 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:252 Resp: 523391

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.1	8.4	12.6

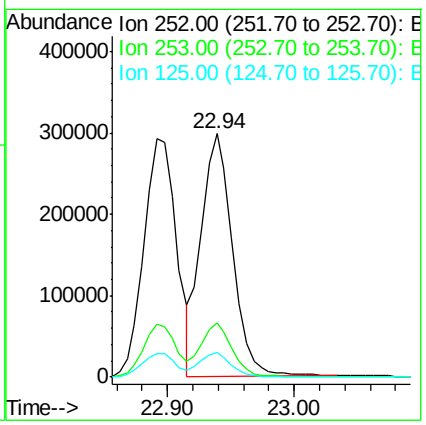


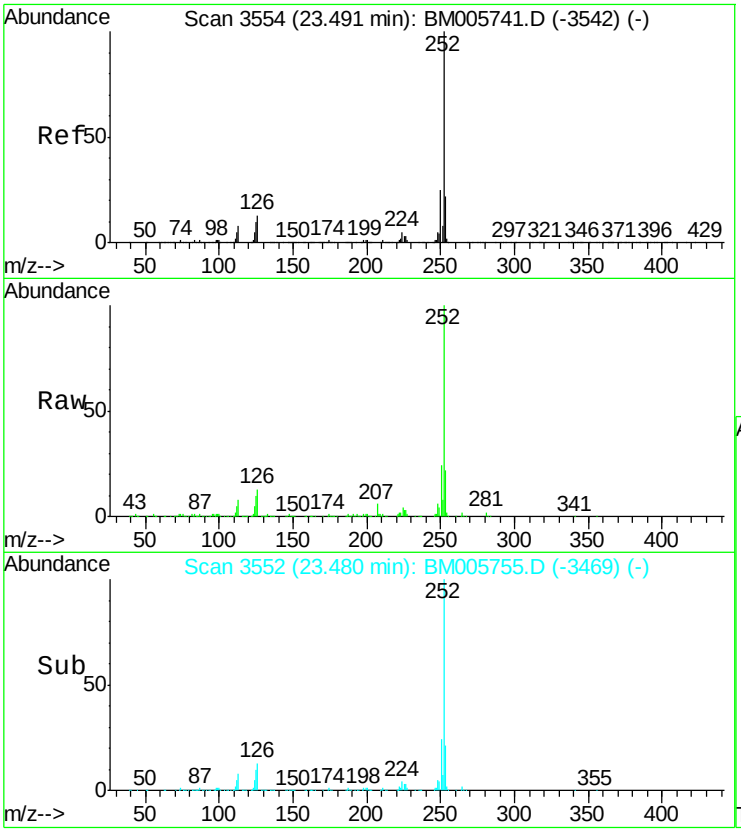


#36
Benzo(k)fluoranthene
Concen: 19.11 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:252 Resp: 514929

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.0	8.2	12.2



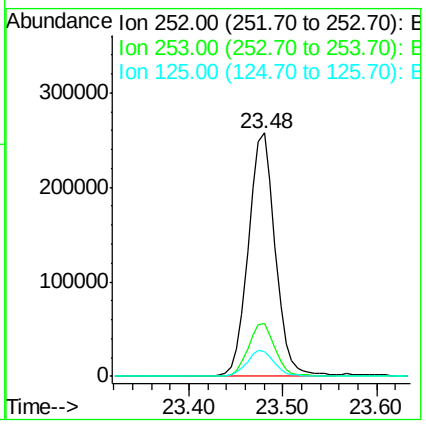


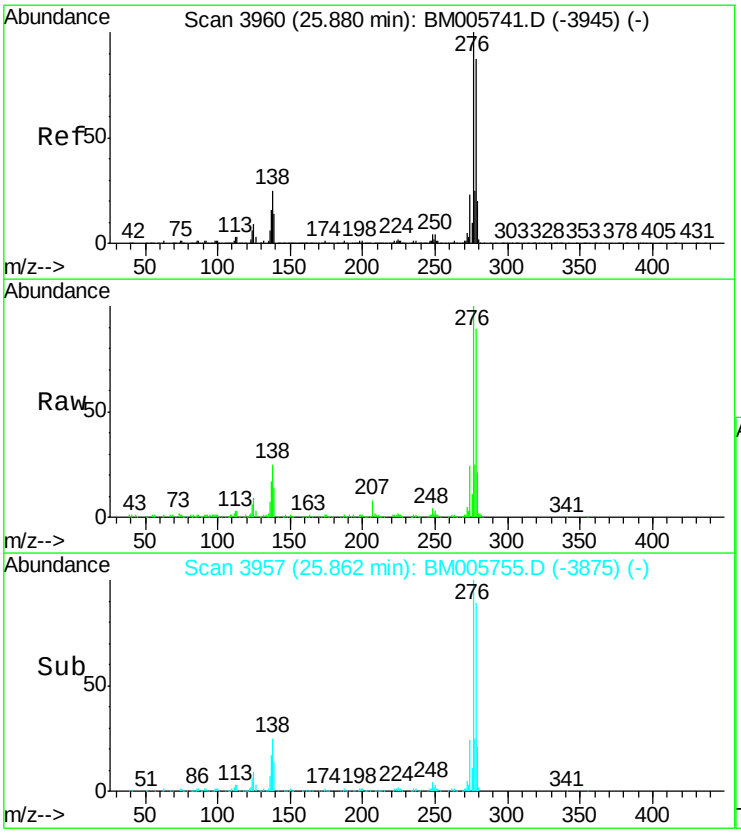
#38
Benzo(a)pyrene
Concen: 20.20 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:252 Resp: 511426

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	10.2	9.1	13.7

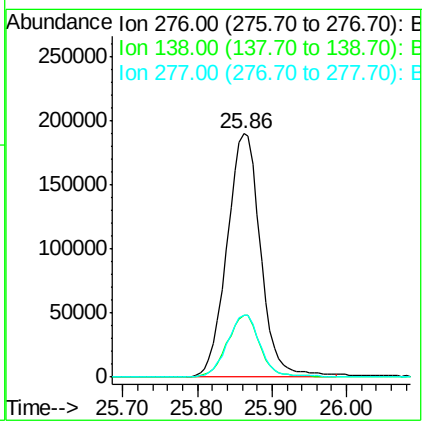


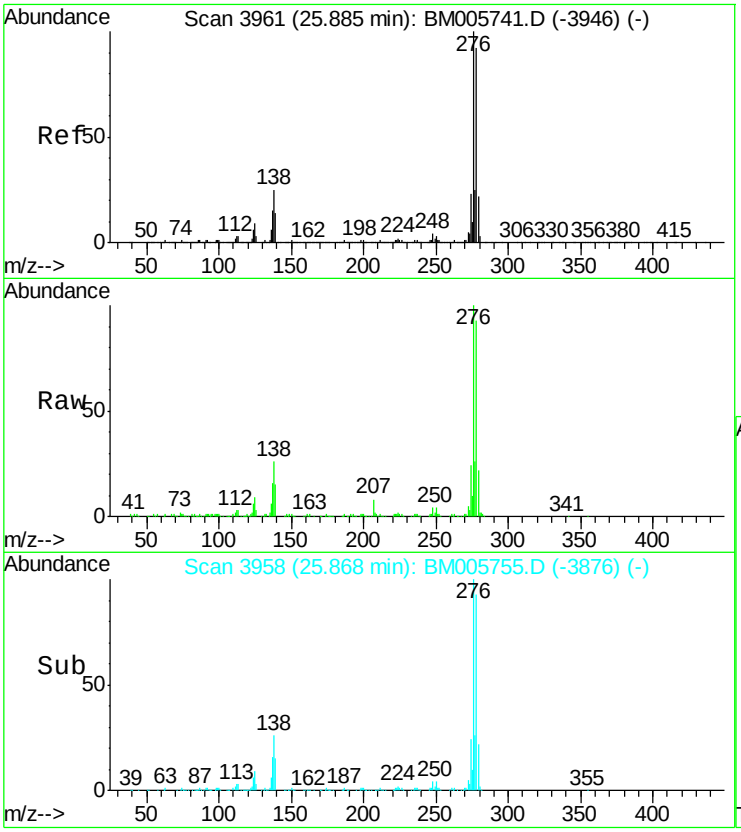


#39
Indeno(1,2,3-cd)pyrene
Concen: 24.04 ng/ul
RT: 25.86 min Scan# 3957
Delta R.T. -0.02 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:276 Resp: 594070

Ion	Ratio	Lower	Upper
276	100		
138	25.2	21.4	32.2
277	25.4	20.5	30.7



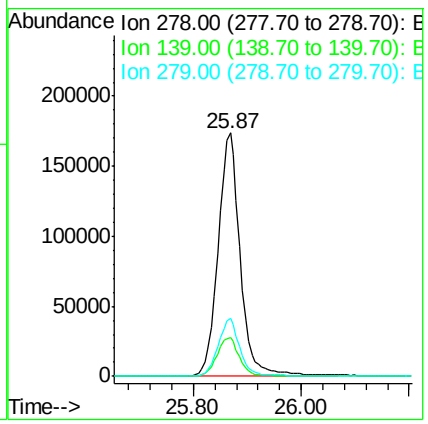


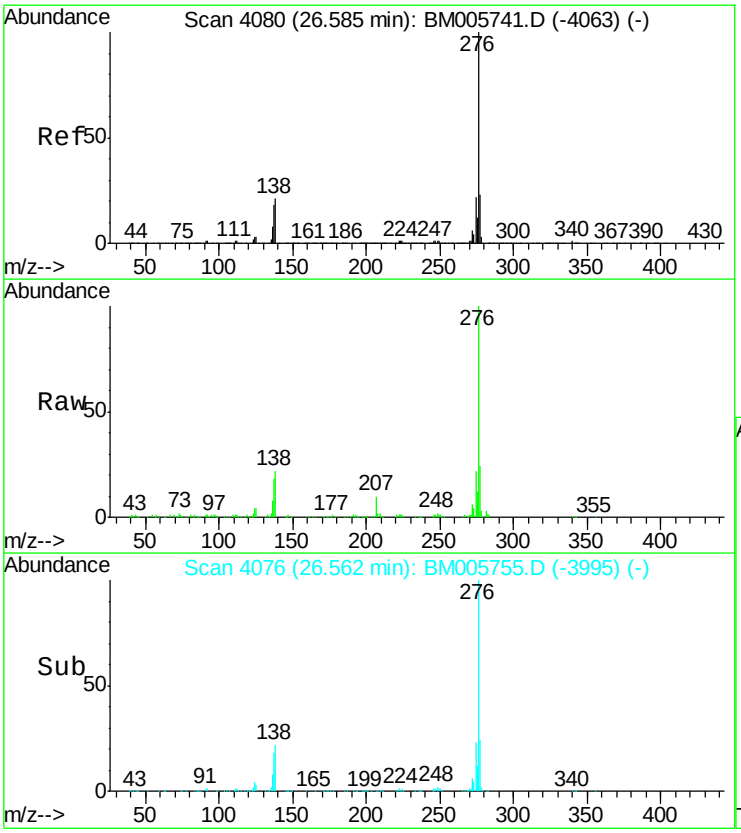
#40
Dibenzo(a,h)anthracene
Concen: 24.27 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. -0.02 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Tgt Ion:278 Resp: 501413

Ion	Ratio	Lower	Upper
278	100		
139	15.9	14.2	21.4
279	23.9	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 24.17 ng/ul
RT: 26.56 min Scan# 4076
Delta R.T. -0.02 min
Lab File: BM005755.D
Acq: 12 Jun 2016 19:03

Tgt Ion:276 Resp: 499652

Ion	Ratio	Lower	Upper
276	100		
138	22.0	18.2	27.4
277	23.8	19.5	29.3