Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005806.D
Acq On : 15 Jun 2016 04:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: Jun 15 05:53:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:42:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	92046	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	451763	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	241540	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	430024	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	449235	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	458947	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	14238	7.16	ng/uL	0.00
3) Phenol-d5	6.92	99	150722	19.94	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	90903	20.20	ng/ul	0.00
5) 2-Chlorophenol-d4	7.27	132	128437	20.39	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	133694	20.93	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	66859	20.90	ng/ul	0.00
9) 2-Nitrophenol-d4	9.62	143	76047	21.39	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.16	165	139018	20.44	ng/ul	0.00
12) 4-Chloroaniline-d4	10.67	131	169445	22.67	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	389758	20.33	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	490962	20.15	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	40332	18.30	ng/ul	0.00
21) Fluorene-d10	15.38	176	307918	19.28	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	36961	19.21	ng/ul	0.00
26) Anthracene-d10	17.23	188	396659	19.89	ng/ul	0.00
30) Pyrene-d10	19.53	212	419832	19.20	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	422303	19.92	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.58	128	445988	19.80	ng/ul	100
13) 2-Methylnaphthalene	12.20	142	324392	20.03	ng/ul	99
14) 1-Methylnaphthalene	12.42	142	319300	19.53	ng/ul	100
18) Acenaphthylene	14.11	152	495034	20.15	ng/ul	100
19) Acenaphthene	14.45	153	321906	20.01	ng/ul	99
22) Fluorene	15.44	166	336824	19.49	ng/ul	99
25) Phenanthrene	17.17	178	468996	19.89	ng/ul	100
27) Anthracene	17.27	178	470170	20.14	ng/ul	99
28) Fluoranthene	19.19	202	515212	20.52	ng/ul	99
31) Pyrene	19.56	202	529171	19.18	ng/ul	98
32) Benzo(a)anthracene	21.30	228	518447	19.95	ng/ul	100
33) Chrysene	21.35	228	492402	19.33	ng/ul	100
35) Benzo(b)fluoranthene	22.89	252	554602	20.23	ng/ul	99
36) Benzo(k)fluoranthene	22.93	252	492786	19.41	ng/ul	99
38) Benzo(a)pyrene	23.47	252	520083	19.86	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.86	276	618178	20.57	ng/ul	99
40) Dibenzo(a,h)anthracene	25.86	278	513955	20.45	ng/ul	100
41) Benzo(g,h,i)perylene	26.56	276	525272	20.19	ng/ul	99

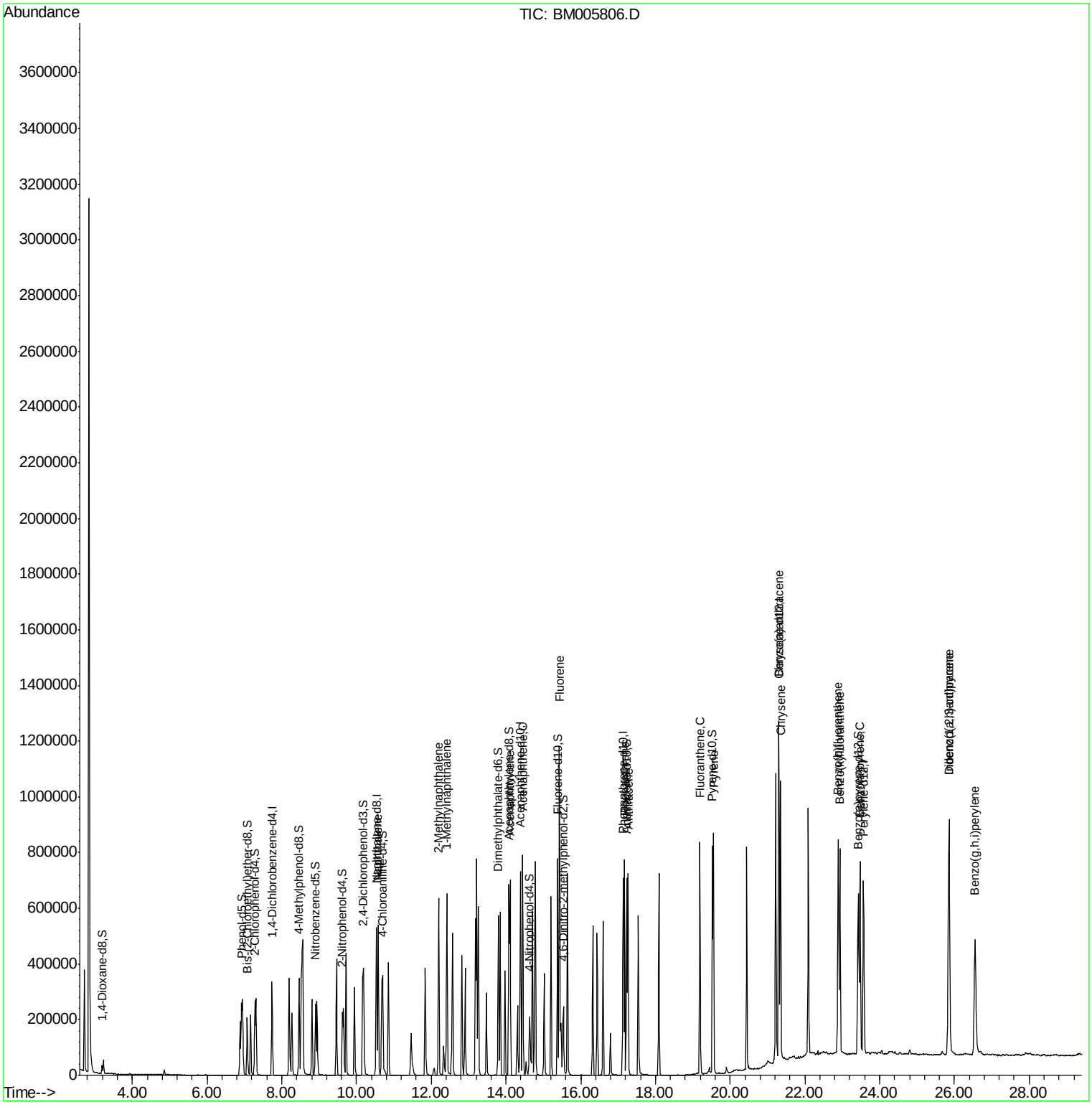
(#) = qualifier out of range (m) = manual integration (+) = signals summed

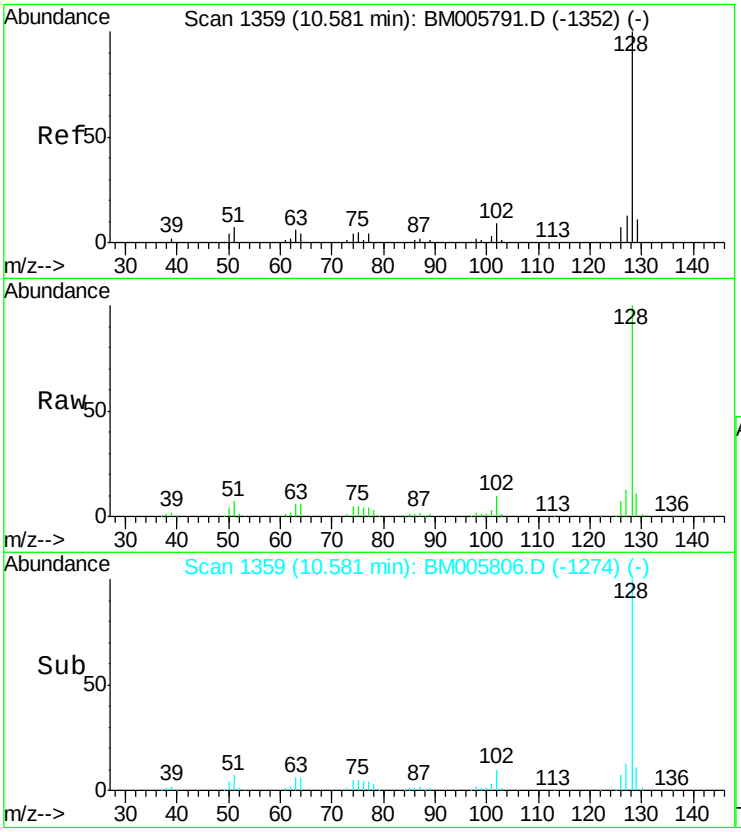
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005806.D
Acq On : 15 Jun 2016 04:07
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Quant Time: Jun 15 05:53:29 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:42:36 2016
Response via : Initial Calibration



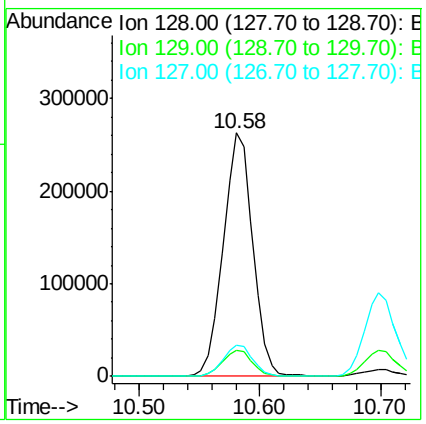


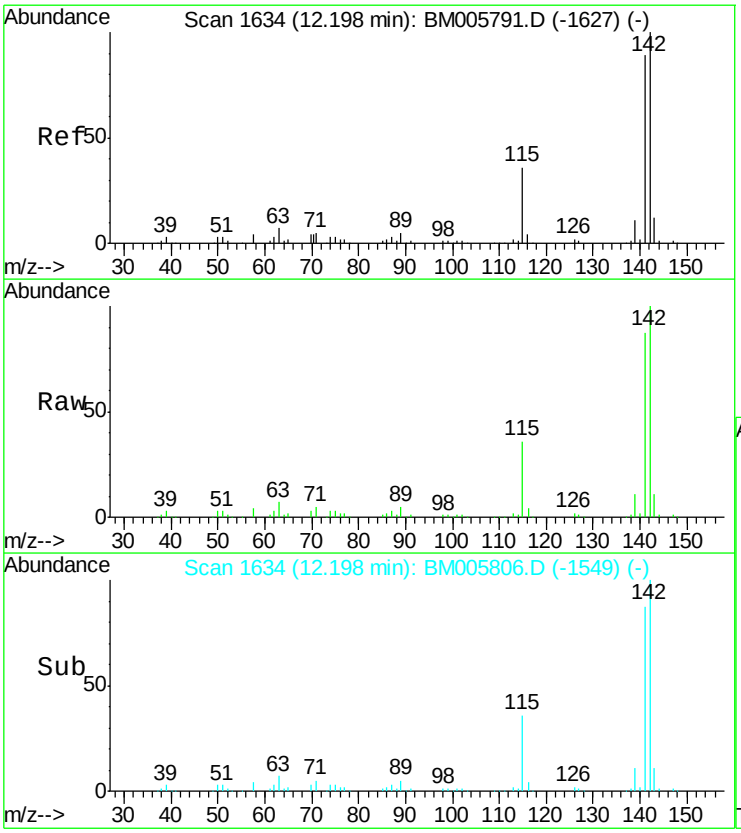
#11
Naphthalene
Concen: 19.80 ng/ul
RT: 10.58 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:128 Resp: 445988

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.0	10.5	15.7

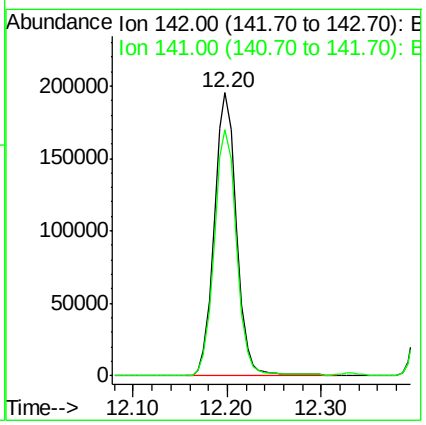


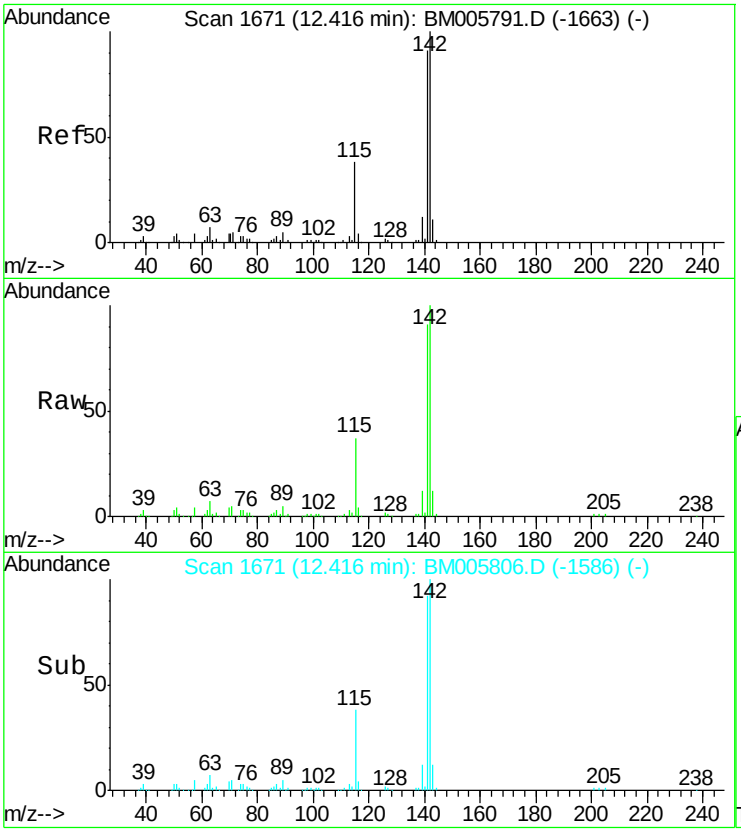


#13
2-Methylnaphthalene
Concen: 20.03 ng/ul
RT: 12.20 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:142 Resp: 324392

Ion	Ratio	Lower	Upper
142	100		
141	87.0	69.0	103.6



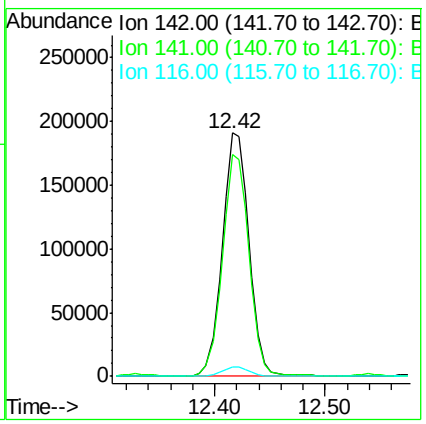


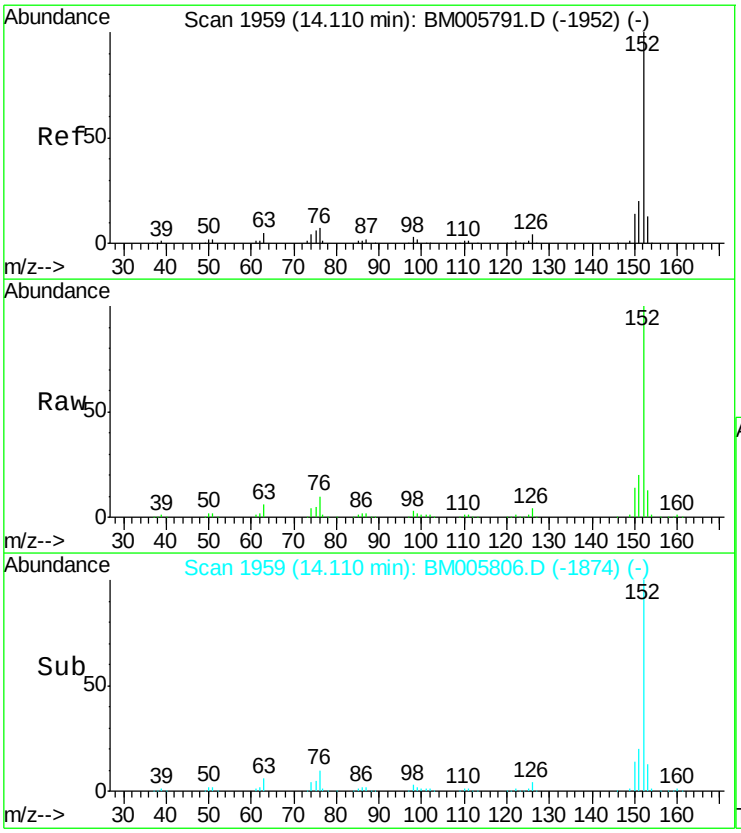
#14
1-Methylnaphthalene
Concen: 19.53 ng/ul
RT: 12.42 min Scan# 1671
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:142 Resp: 319300

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.0	109.4
116	3.9	3.0	4.6

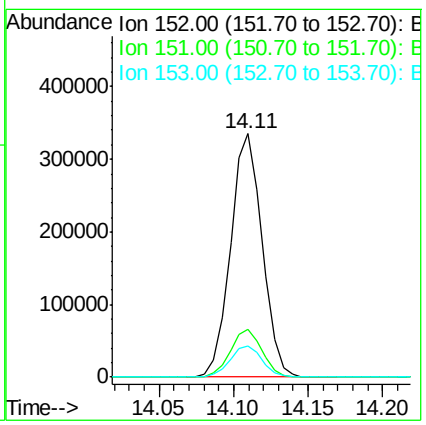


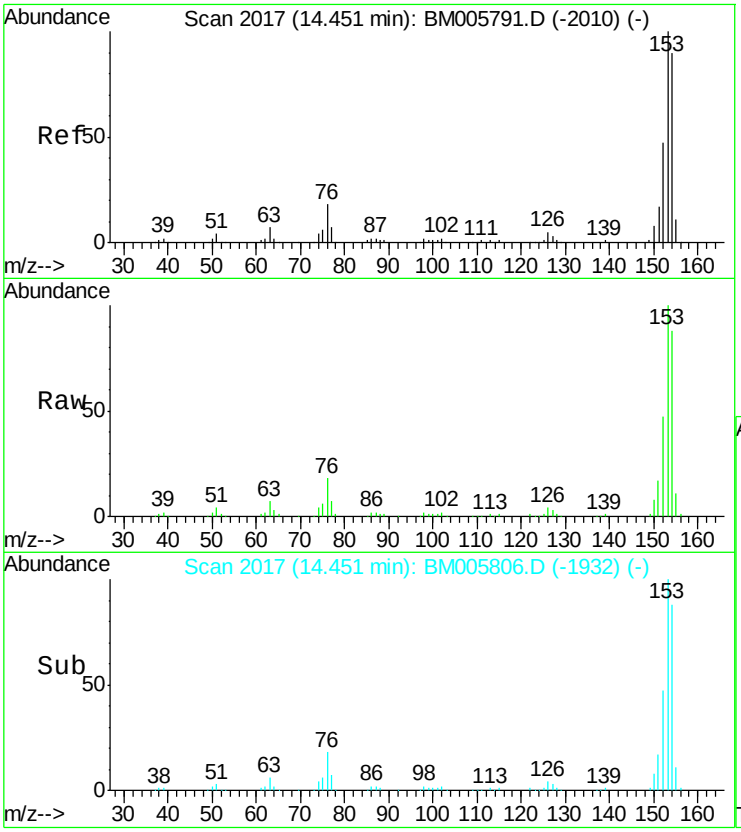


#18
Acenaphthylene
Concen: 20.15 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:152 Resp: 495034

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.9	10.3	15.5



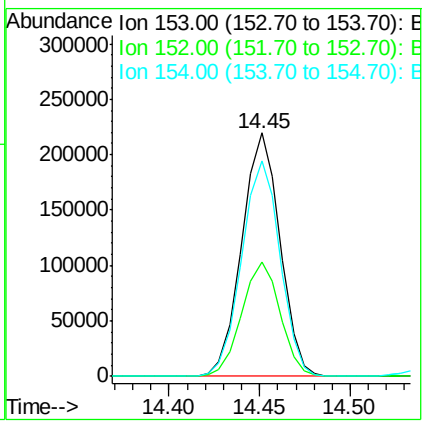


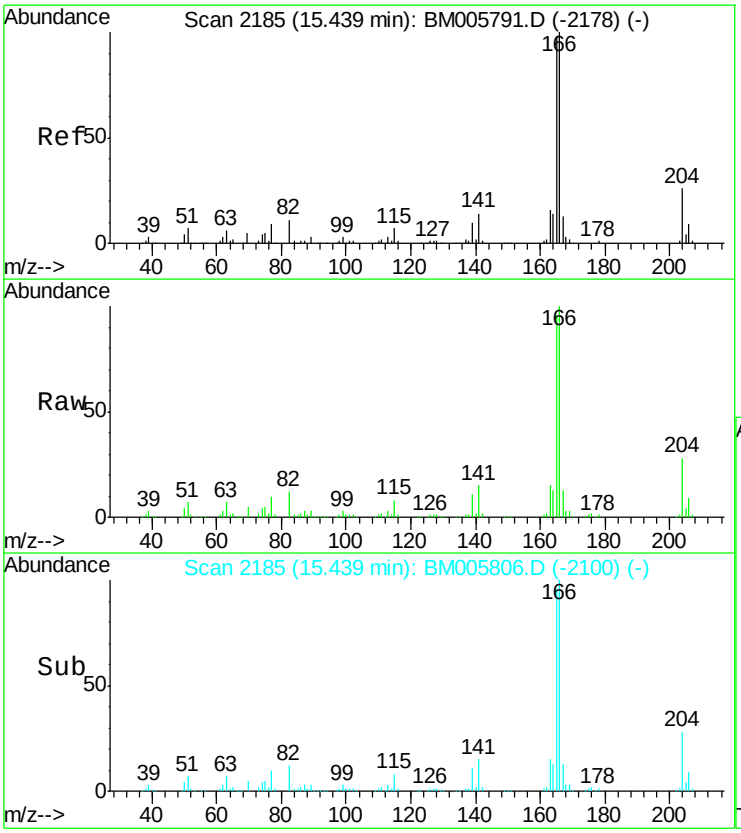
#19
Acenaphthene
Concen: 20.01 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:153 Resp: 321906

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.1	57.1
154	88.3	71.6	107.4

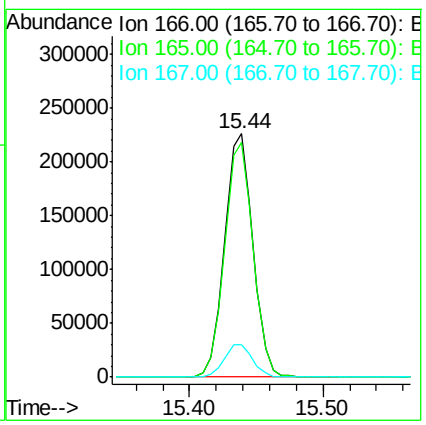


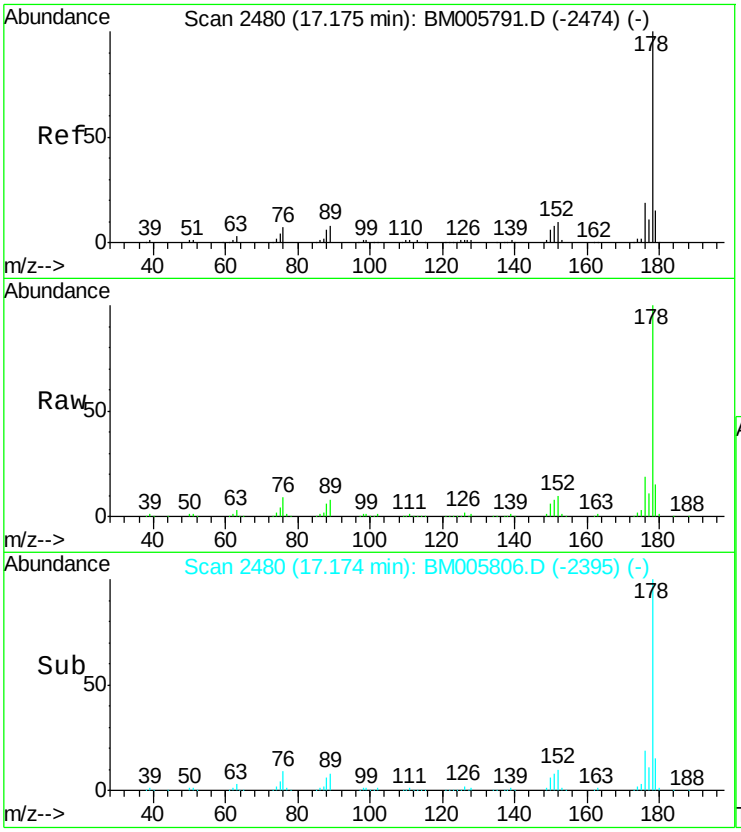


#22
Fluorene
Concen: 19.49 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:166 Resp: 336824

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.4	117.6
167	13.2	10.6	16.0



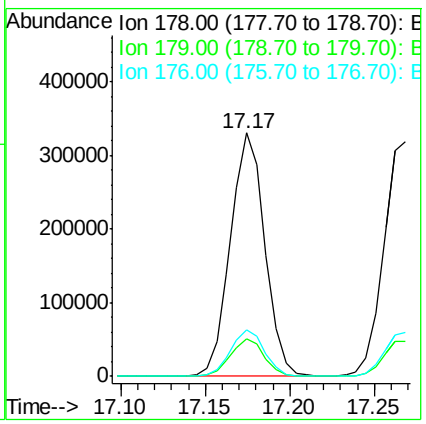


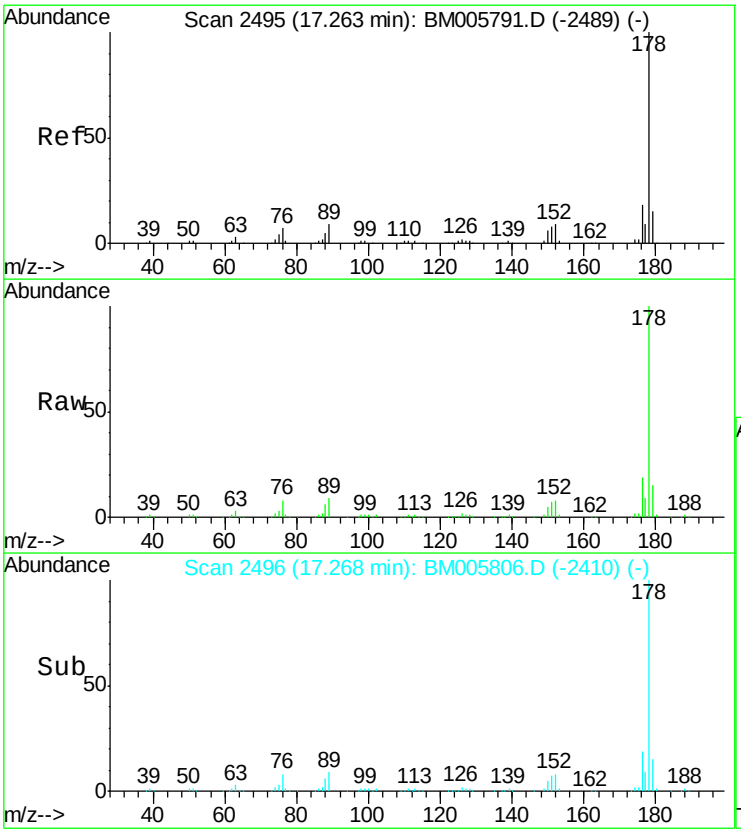
#25
Phenanthrene
Concen: 19.89 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:178 Resp: 468996

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.9	15.3	22.9

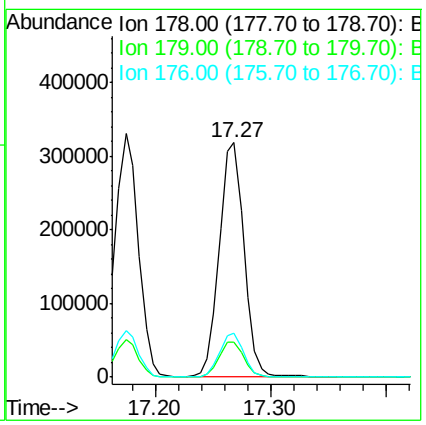


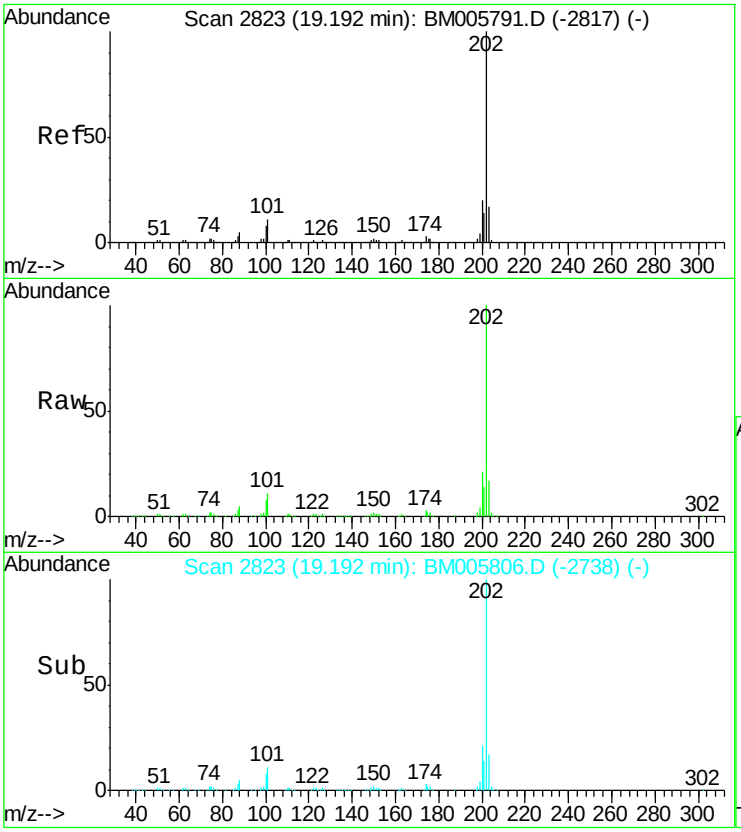


#27
Anthracene
Concen: 20.14 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:178 Resp: 470170

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.6	14.6	22.0



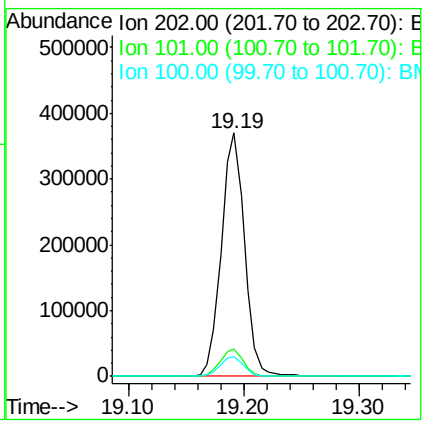


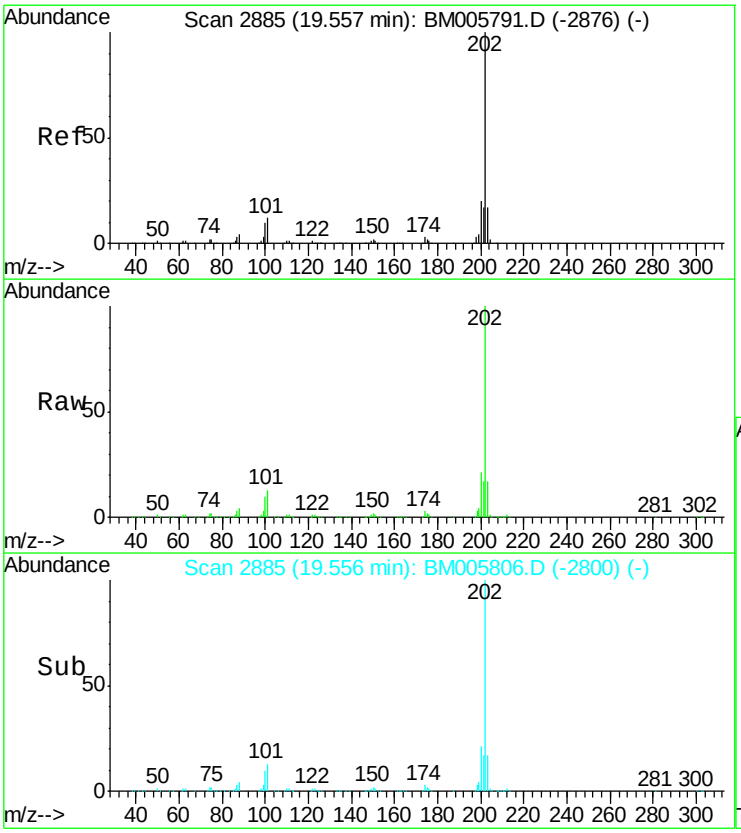
#28
Fluoranthene
Concen: 20.52 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:202 Resp: 515212

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.5	12.7
100	8.3	6.5	9.7

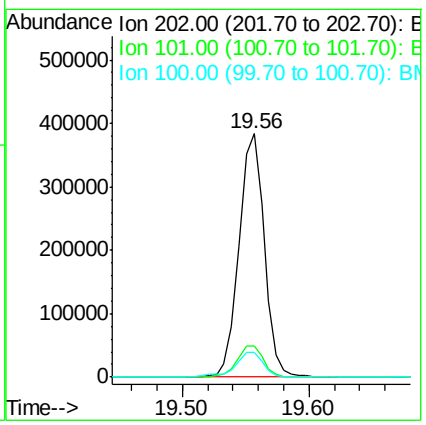


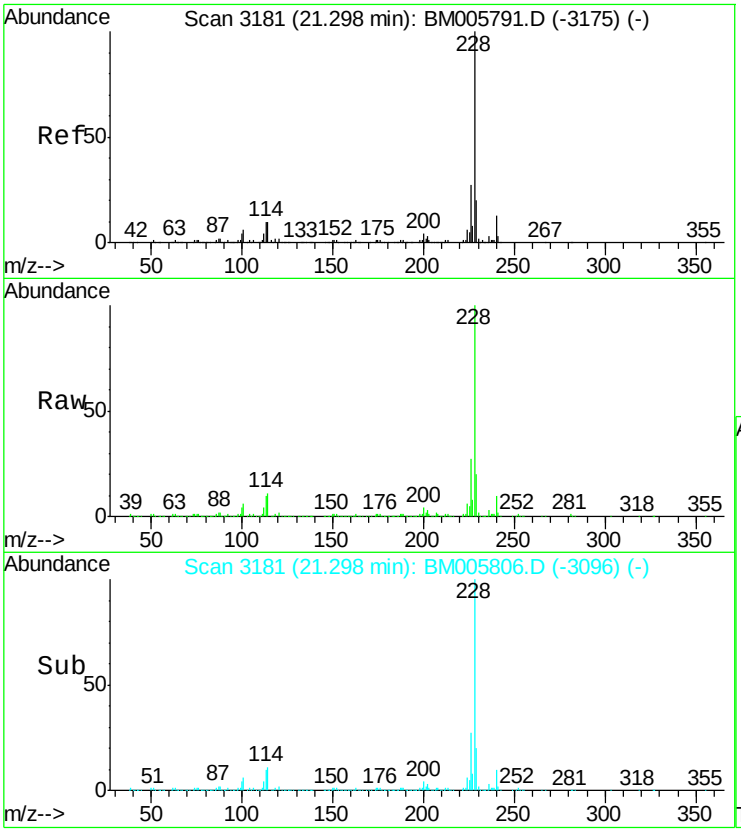


#31
Pyrene
Concen: 19.18 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:202 Resp: 529171

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.0	16.4
100	10.1	8.9	13.3



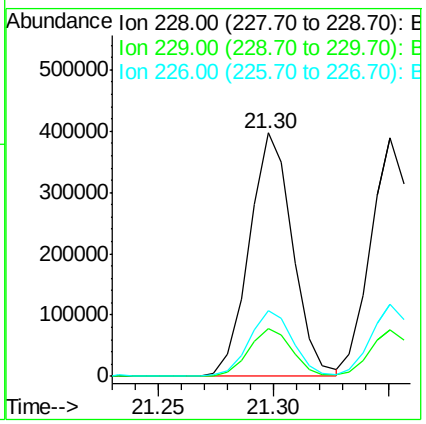


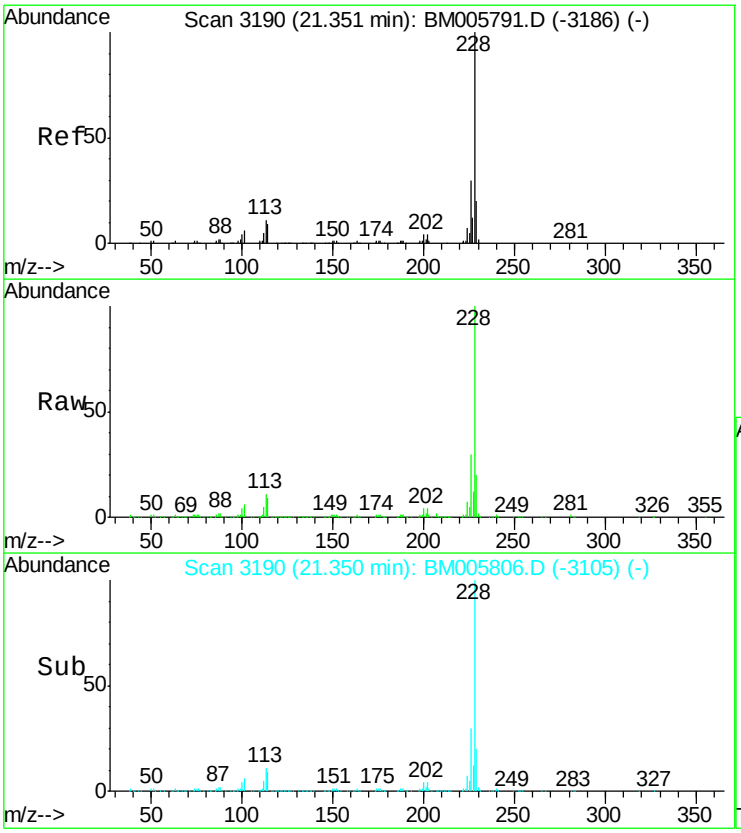
#32
Benzo(a)anthracene
Concen: 19.95 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:228 Resp: 518447

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	26.8	21.6	32.4

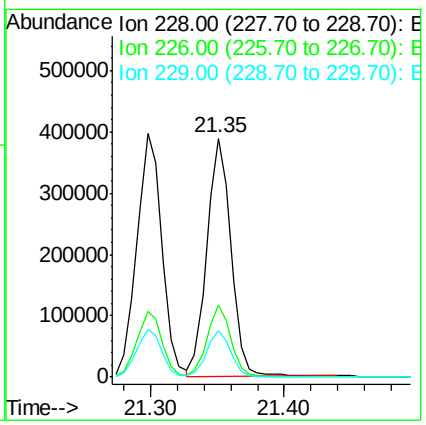


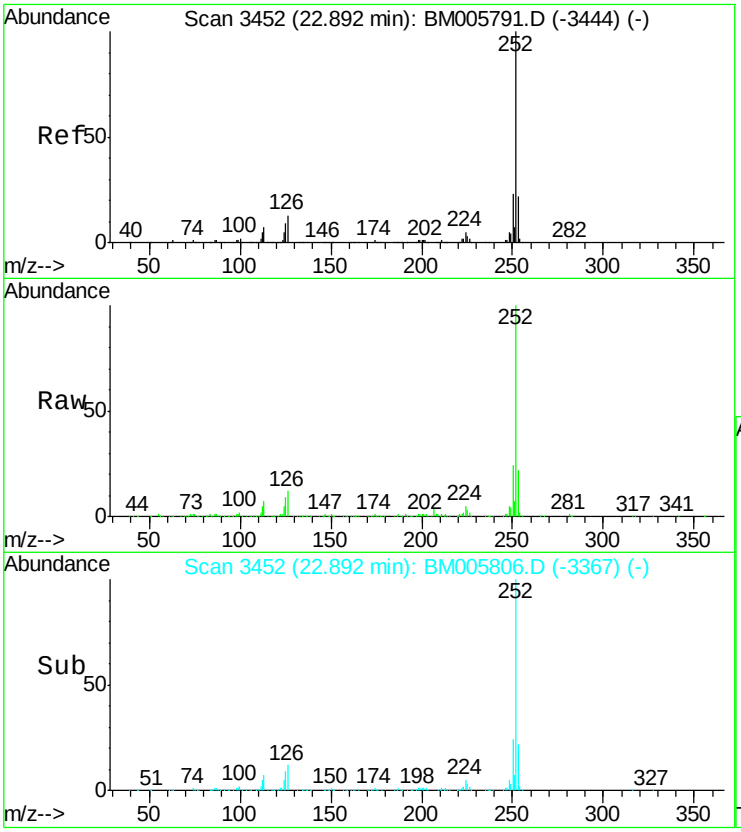


#33
Chrysene
Concen: 19.33 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:228 Resp: 492402

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	19.7	15.8	23.6



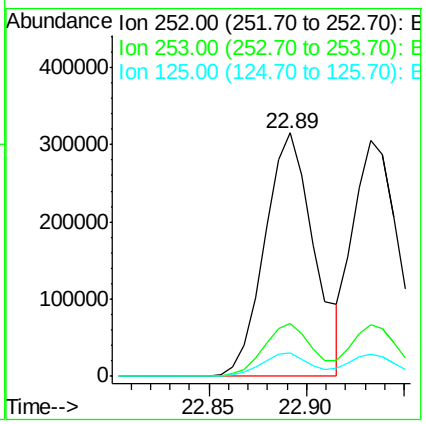


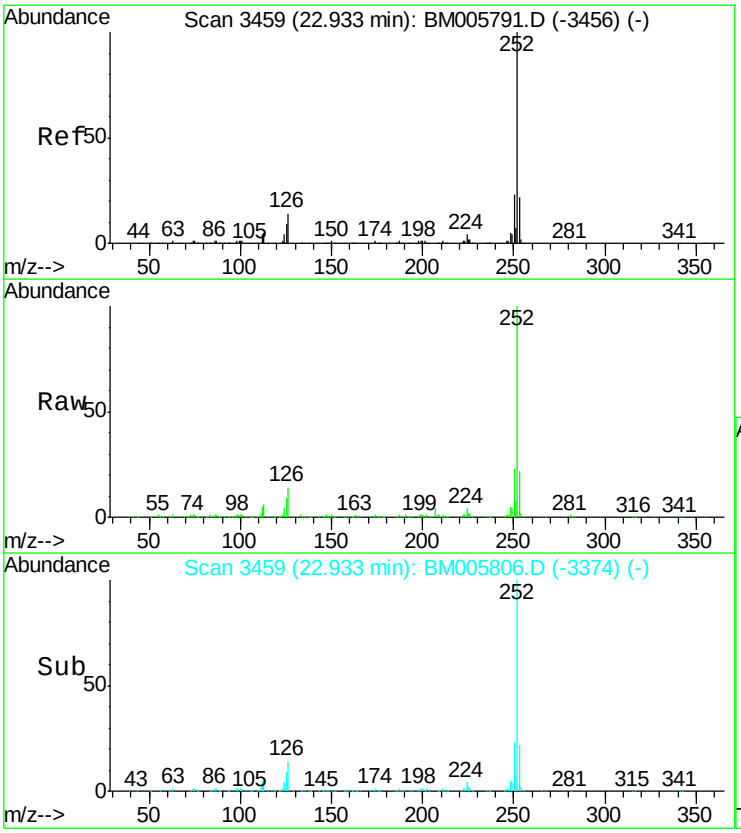
#35
Benzo(b)fluoranthene
Concen: 20.23 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:252 Resp: 554602

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.4	7.8	11.6

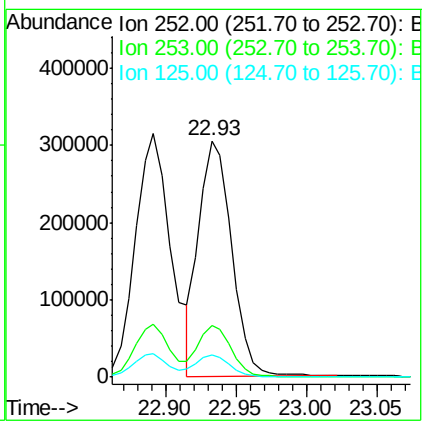


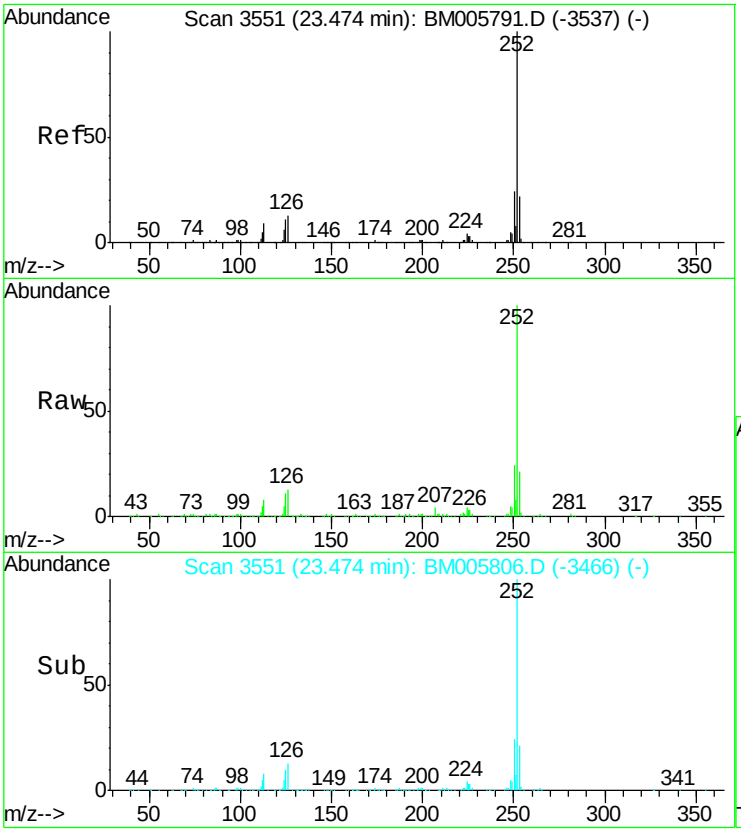


#36
Benzo(k)fluoranthene
Concen: 19.41 ng/ul
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:252 Resp: 492786

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	9.5	8.1	12.1



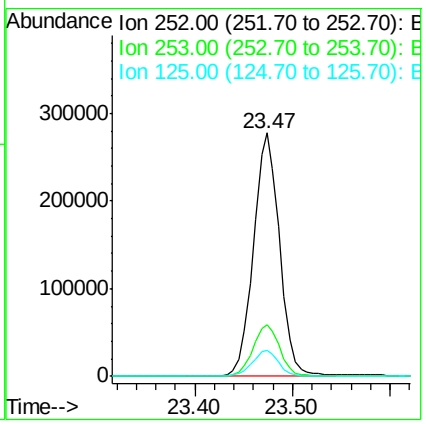


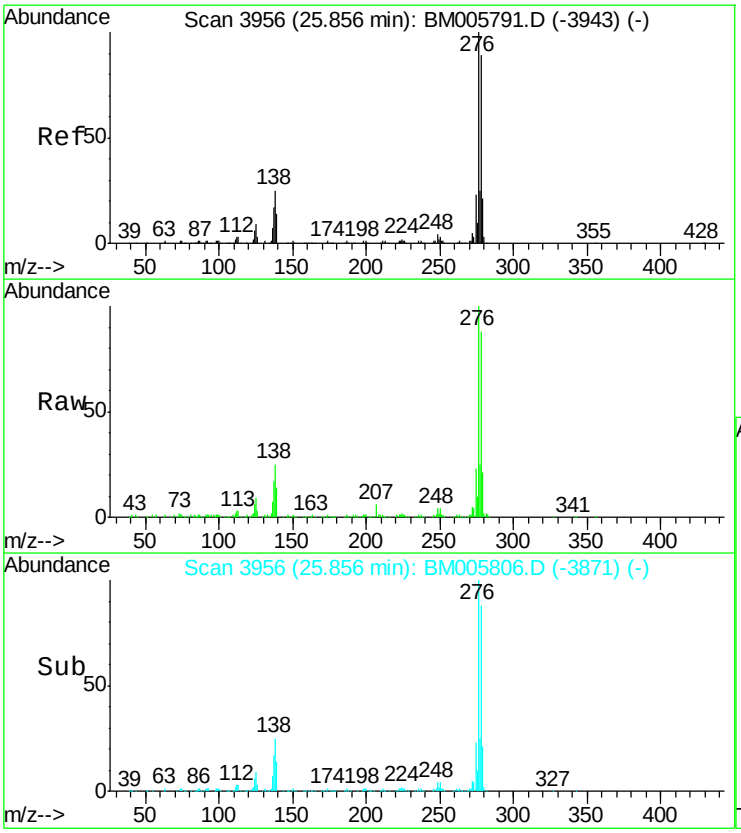
#38
Benzo(a)pyrene
Concen: 19.86 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:252 Resp: 520083

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.8	26.6
125	10.6	8.7	13.1

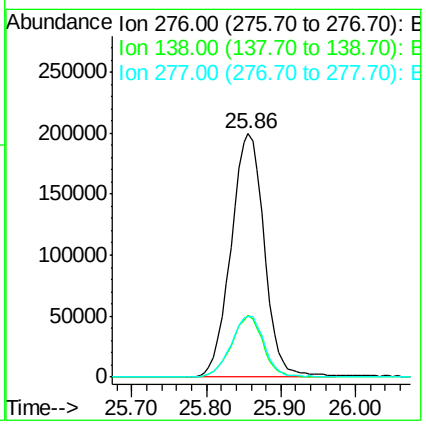


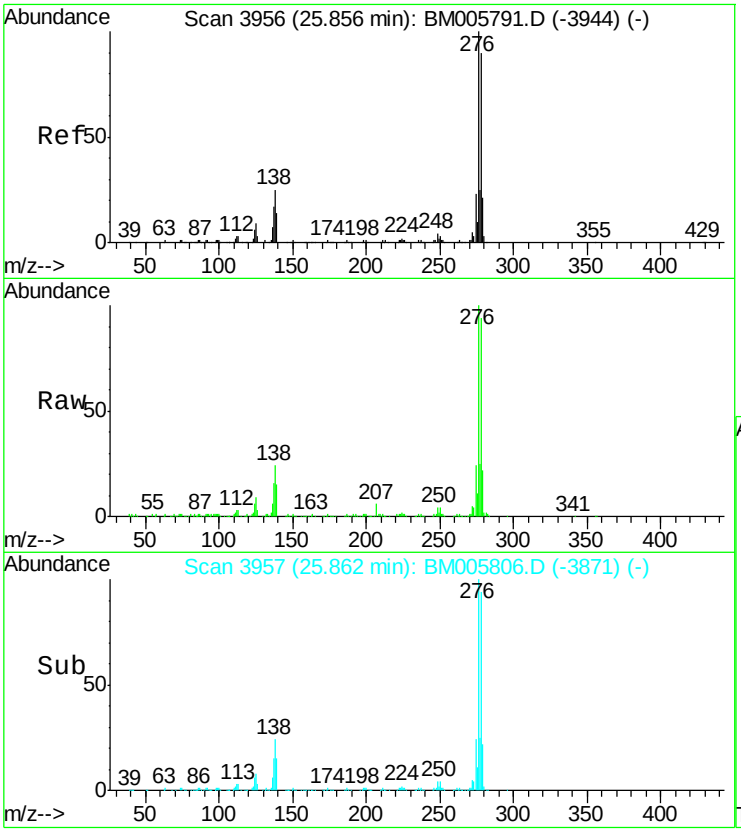


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.57 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:276 Resp: 618178

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.4	30.6
277	25.0	20.6	30.8



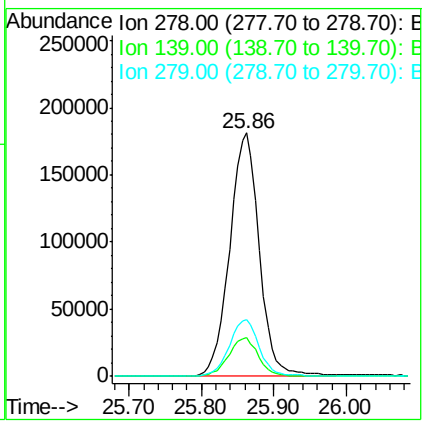


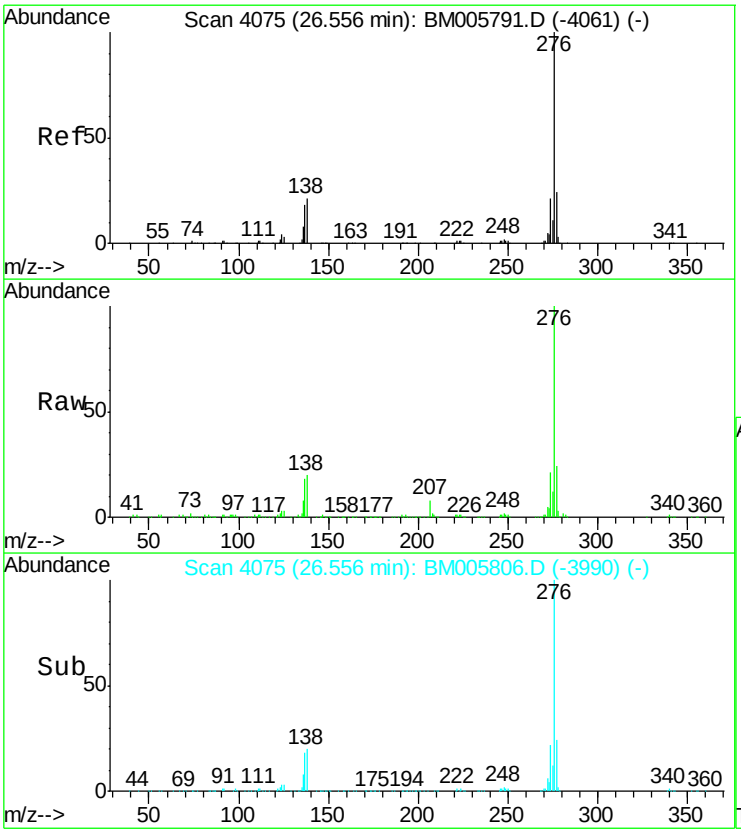
#40
Dibenzo(a,h)anthracene
Concen: 20.45 ng/ul
RT: 25.86 min Scan# 3957
Delta R.T. 0.01 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Instrument :
BNA_M
ClientSampleId :
SSTD02041

Tgt Ion:278 Resp: 513955

Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.0	19.4
279	23.6	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 20.19 ng/ul
RT: 26.56 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BM005806.D
Acq: 15 Jun 2016 04:07

Tgt Ion:276 Resp: 525272

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.6	25.0
277	23.5	18.9	28.3