Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005769.D
Acq On : 13 Jun 2016 03:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Jun 13 04:24:00 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	114681	20.00	ng/ul	0.00
7) Naphthalene-d8	10.54	136	558828	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	303168	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	516321	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	432595	20.00	ng/ul	0.00
34) Perylene-d12	23.58	264	446698	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	16934	6.41	ng/uL	0.00
3) Phenol-d5	6.93	99	188398	19.04	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.08	67	112273	18.88	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	157751	19.72	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	162486	19.43	ng/ul	0.00
8) Nitrobenzene-d5	8.91	128	82904	20.58	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	90824	19.94	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	168677	20.42	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	212664	21.34	ng/ul	0.00
16) Dimethylphthalate-d6	13.80	166	475284	19.01	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	606687	19.83	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	49445	13.52	ng/ul	0.00
21) Fluorene-d10	15.39	176	383583	18.12	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	26649	9.98	ng/ul	0.00
26) Anthracene-d10	17.24	188	468763	19.27	ng/ul	0.00
30) Pyrene-d10	19.53	212	418355	20.13	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	403074	19.78	ng/ul	-0.01
Target Compounds						Qvalue
11) Naphthalene	10.59	128	544600	19.45	ng/ul	99
13) 2-Methylnaphthalene	12.20	142	395997	18.81	ng/ul	100
14) 1-Methylnaphthalene	12.42	142	390696	18.78	ng/ul	97
18) Acenaphthylene	14.12	152	611295	19.52	ng/ul	99
19) Acenaphthene	14.46	153	398755	19.57	ng/ul	98
22) Fluorene	15.44	166	420964	18.11	ng/ul	99
25) Phenanthrene	17.18	178	549085	19.43	ng/ul	99
27) Anthracene	17.27	178	552863	19.28	ng/ul	99
28) Fluoranthene	19.20	202	528118	15.91	ng/ul	98
31) Pyrene	19.56	202	529062	20.10	ng/ul	99
32) Benzo(a)anthracene	21.30	228	496009	19.86	ng/ul	99
33) Chrysene	21.36	228	480608	19.50	ng/ul	100
35) Benzo(b)fluoranthene	22.90	252	518901	19.55	ng/ul	99
36) Benzo(k)fluoranthene	22.94	252	487768	18.19	ng/ul	98
38) Benzo(a)pyrene	23.48	252	497771	19.76	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.87	276	595355	24.21	ng/ul	98
40) Dibenzo(a,h)anthracene	25.87	278	495544	24.10	ng/ul	98
41) Benzo(g,h,i)perylene	26.57	276	494312	24.04	ng/ul	97

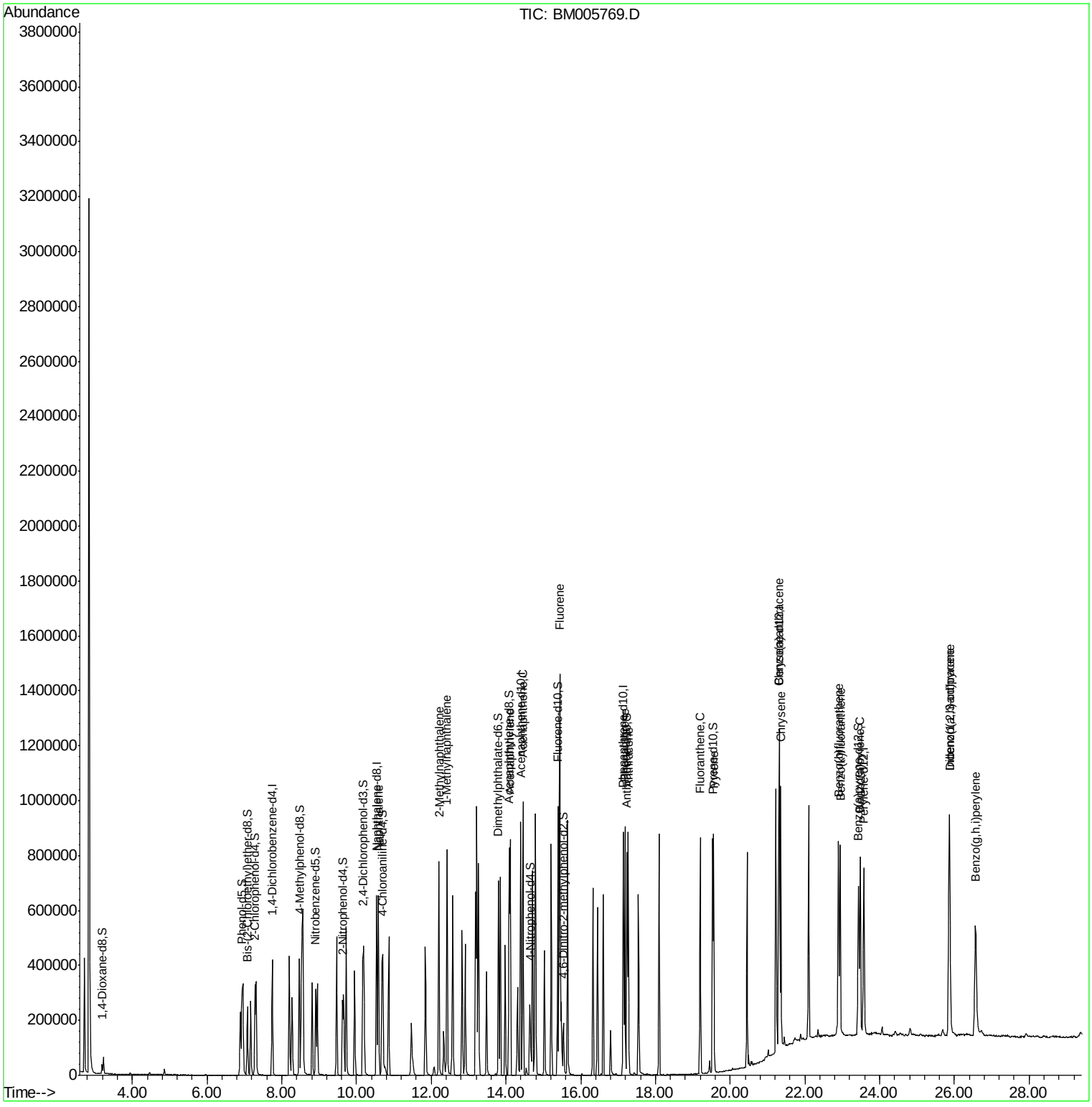
(#) = qualifier out of range (m) = manual integration (+) = signals summed

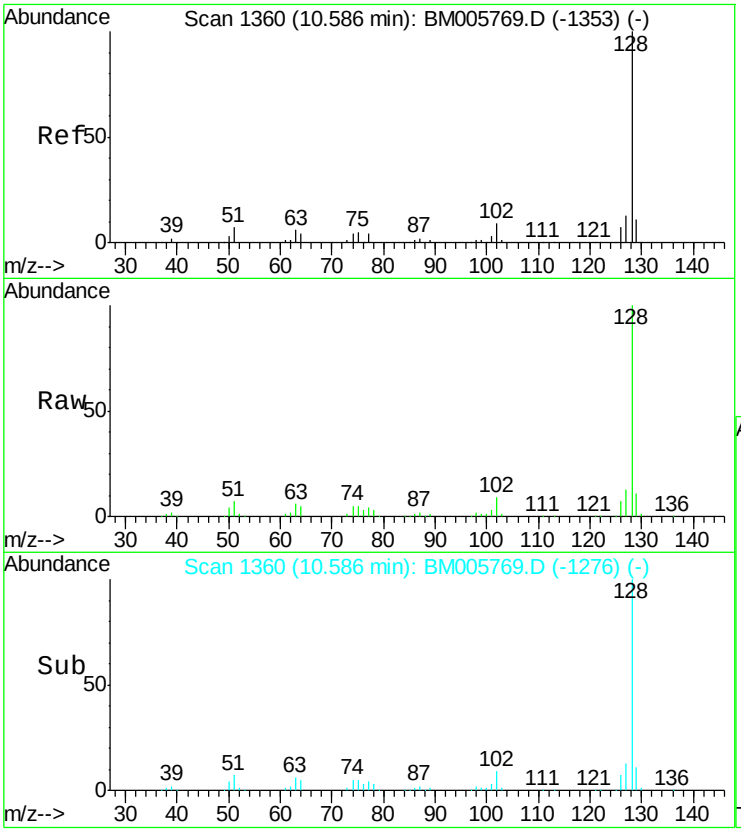
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061216\
Data File : BM005769.D
Acq On : 13 Jun 2016 03:28
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Jun 13 04:24:00 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



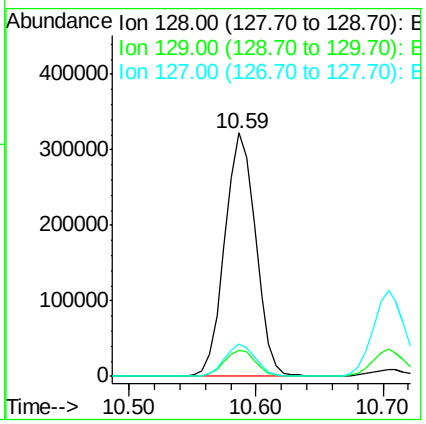


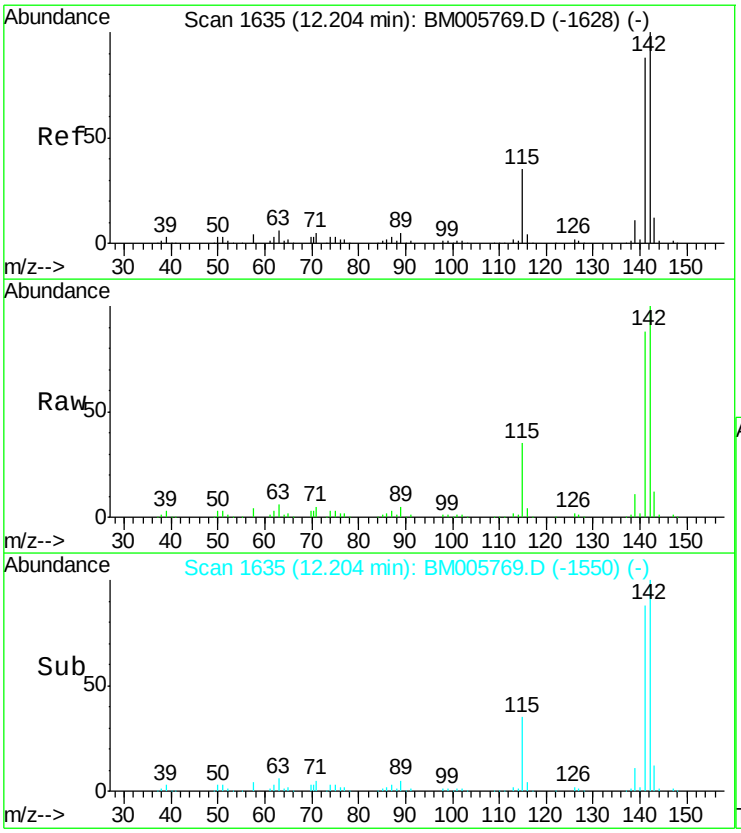
#11
Naphthalene
Concen: 19.45 ng/ul
RT: 10.59 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:128 Resp: 544600

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

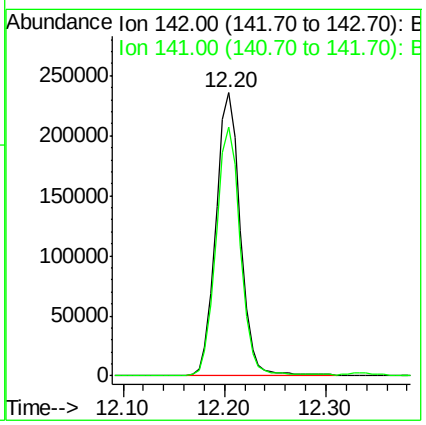


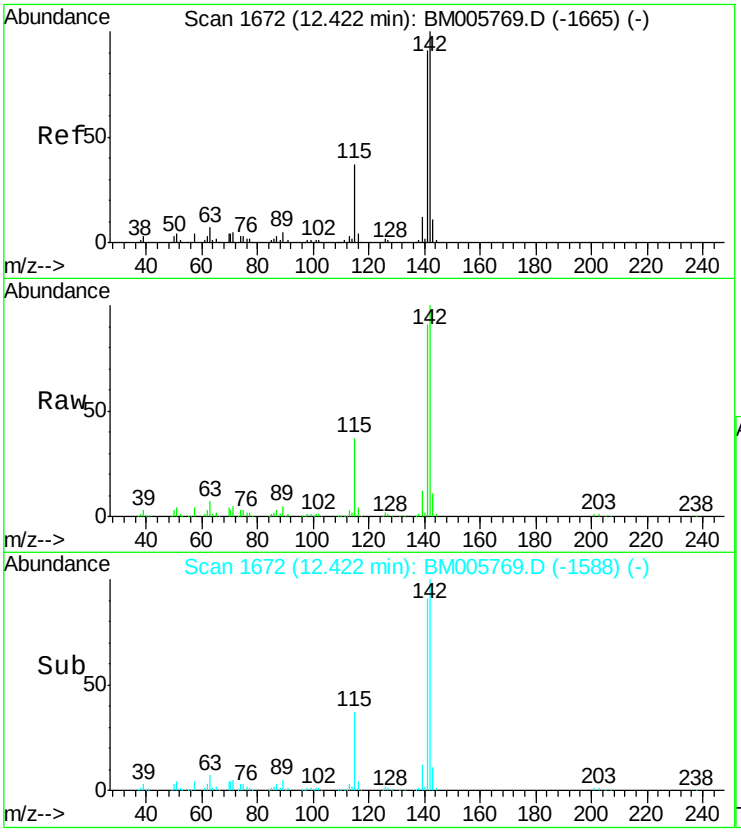


#13
2-Methylnaphthalene
Concen: 18.81 ng/ul
RT: 12.20 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:142 Resp: 395997

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4



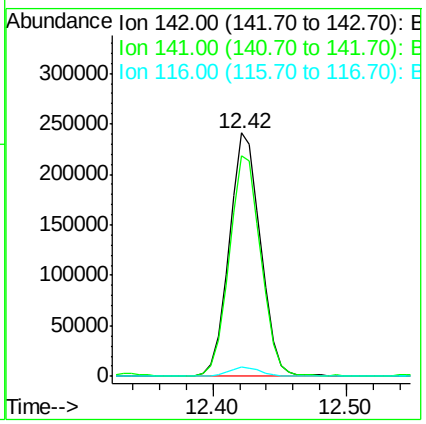


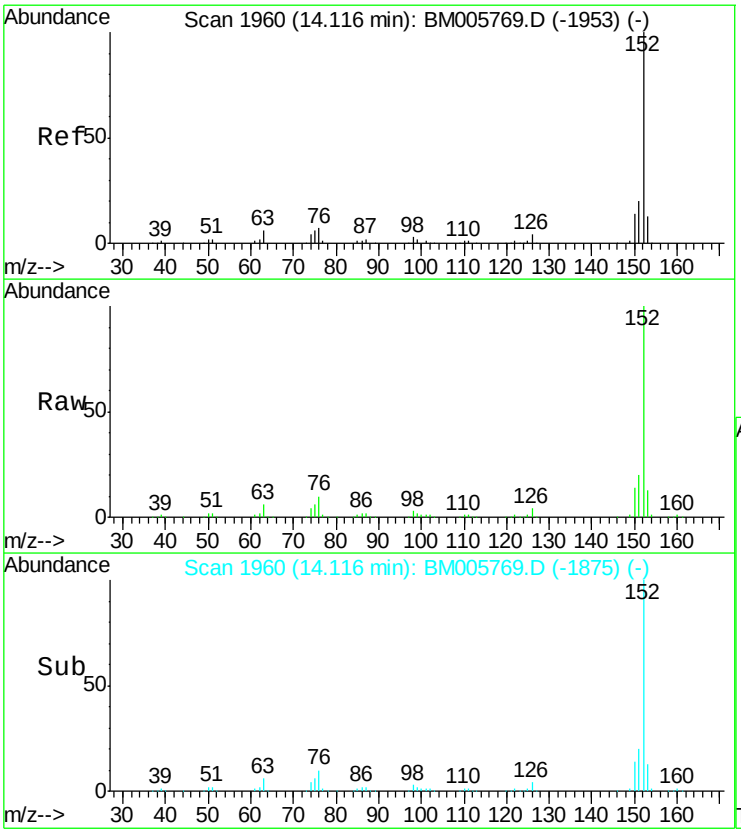
#14
1-Methylnaphthalene
Concen: 18.78 ng/ul
RT: 12.42 min Scan# 1672
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:142 Resp: 390696

Ion	Ratio	Lower	Upper
142	100		
141	90.7	74.6	111.8
116	3.8	3.0	4.6

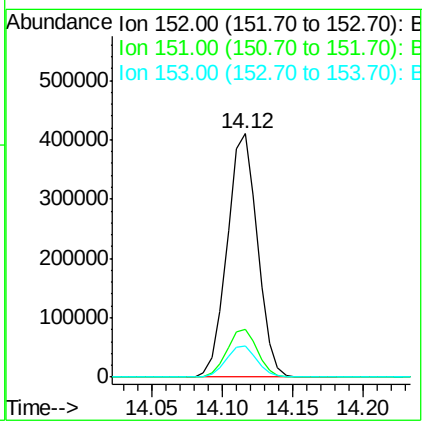


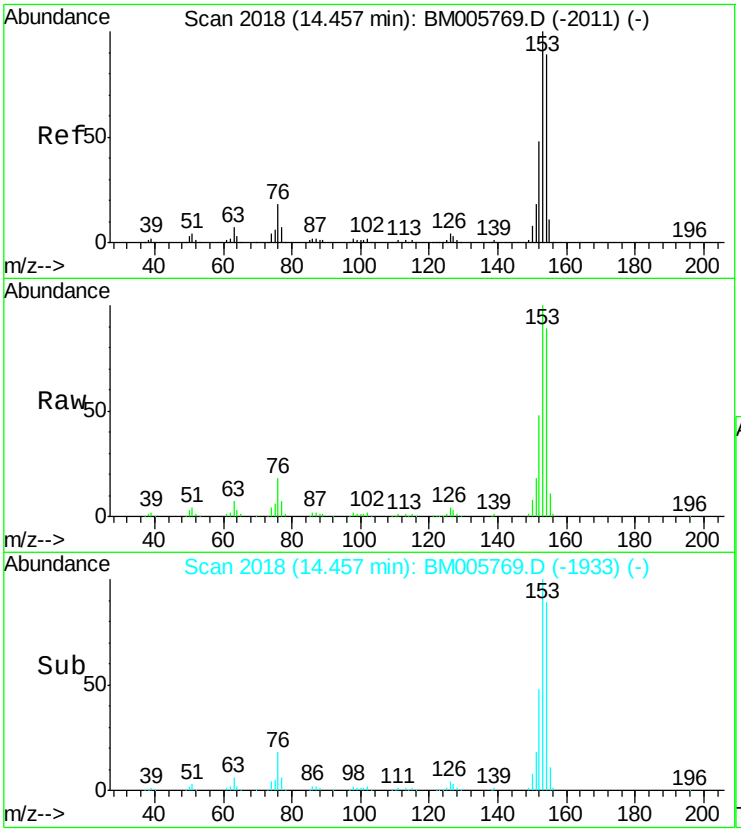


#18
Acenaphthylene
Concen: 19.52 ng/ul
RT: 14.12 min Scan# 1960
Delta R.T. 0.00 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:152 Resp: 611295

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.3	24.5
153	12.9	10.4	15.6



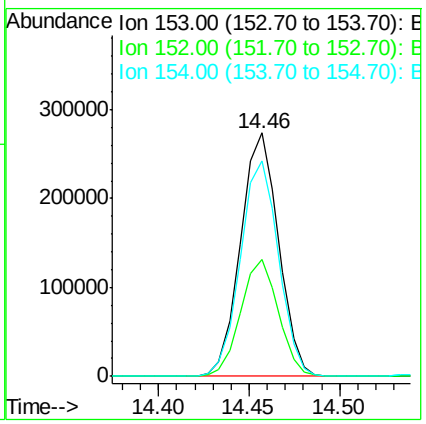


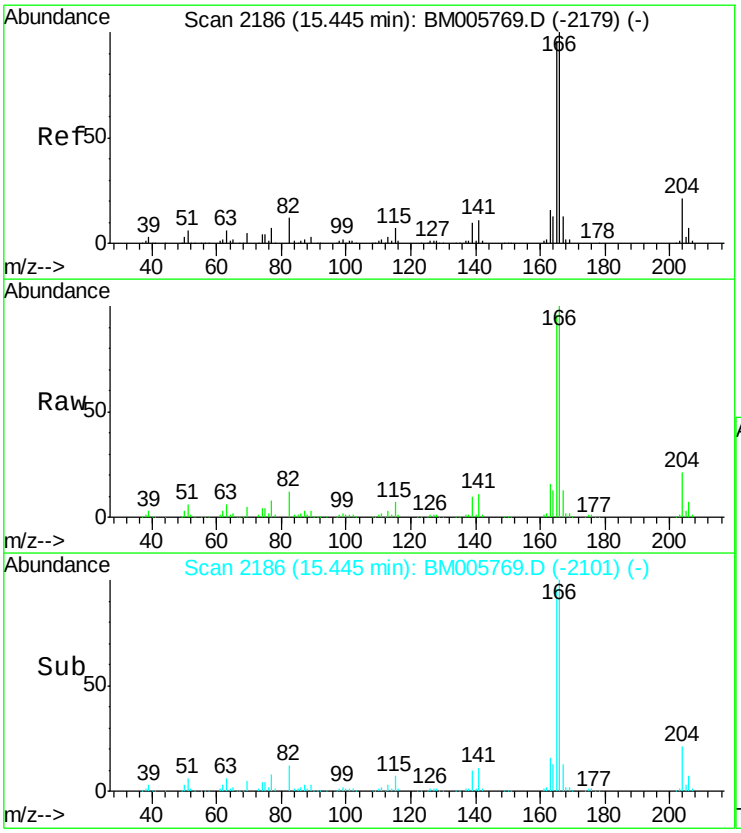
#19
Acenaphthene
Concen: 19.57 ng/ul
RT: 14.46 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:153 Resp: 398755

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.8	58.2
154	88.6	72.5	108.7

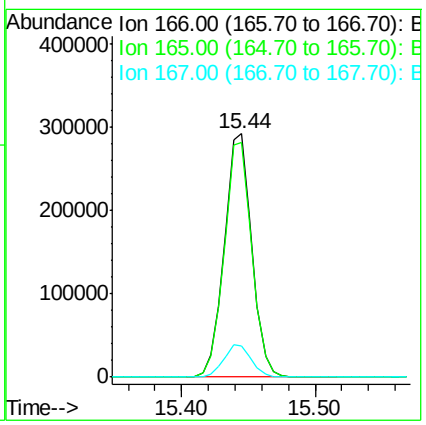


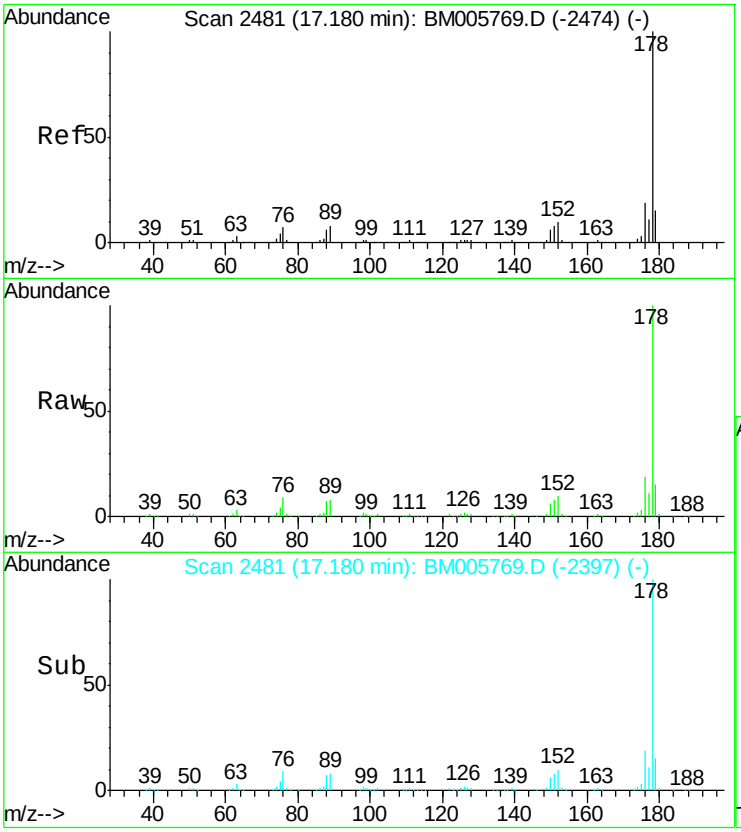


#22
Fluorene
Concen: 18.11 ng/ul
RT: 15.44 min Scan# 2186
Delta R.T. 0.00 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:166 Resp: 420964

Ion	Ratio	Lower	Upper
166	100		
165	96.3	76.4	114.6
167	13.0	10.6	16.0



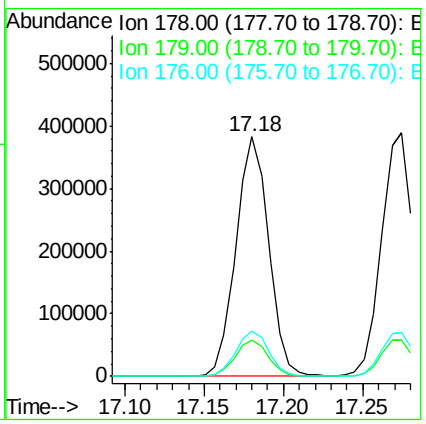


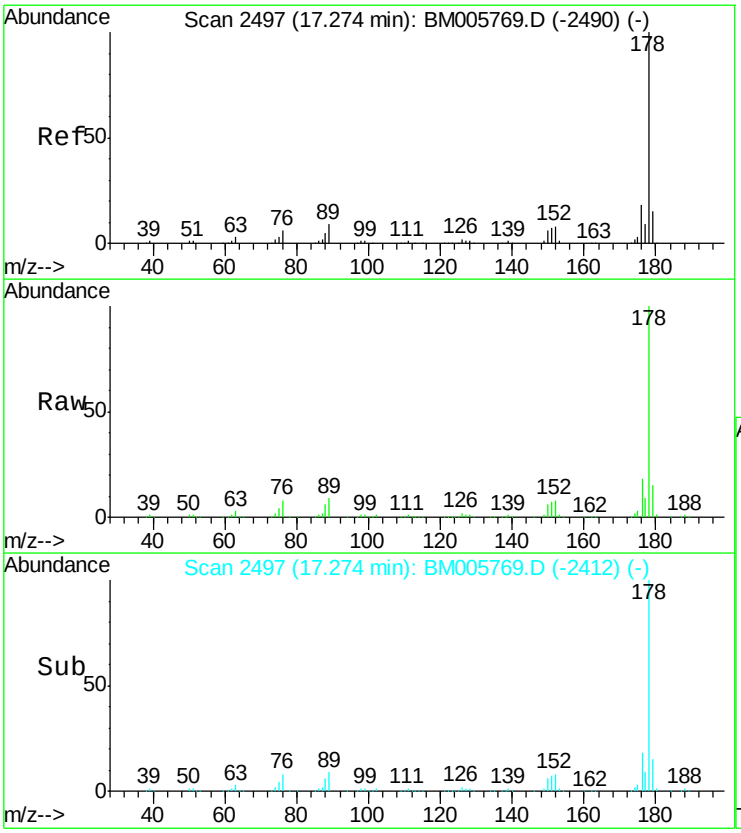
#25
Phenanthrene
Concen: 19.43 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:178 Resp: 549085

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.1	15.8	23.6

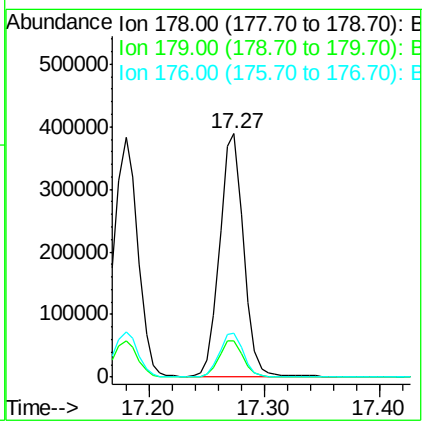


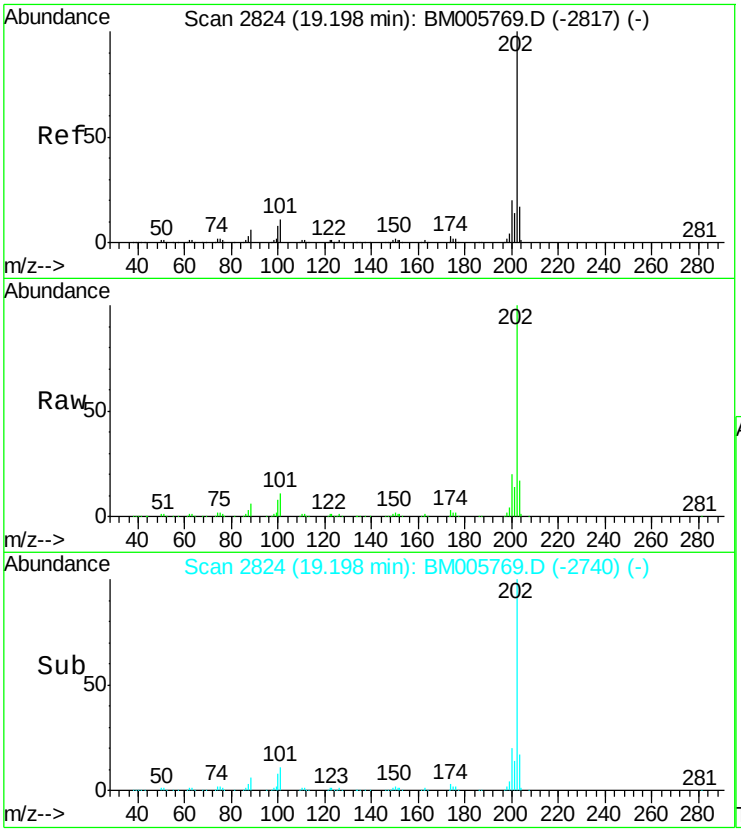


#27
Anthracene
Concen: 19.28 ng/ul
RT: 17.27 min Scan# 2497
Delta R.T. 0.00 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:178 Resp: 552863

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.1	18.1
176	18.3	15.0	22.6



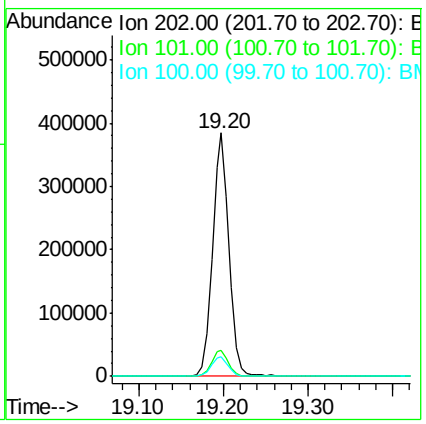


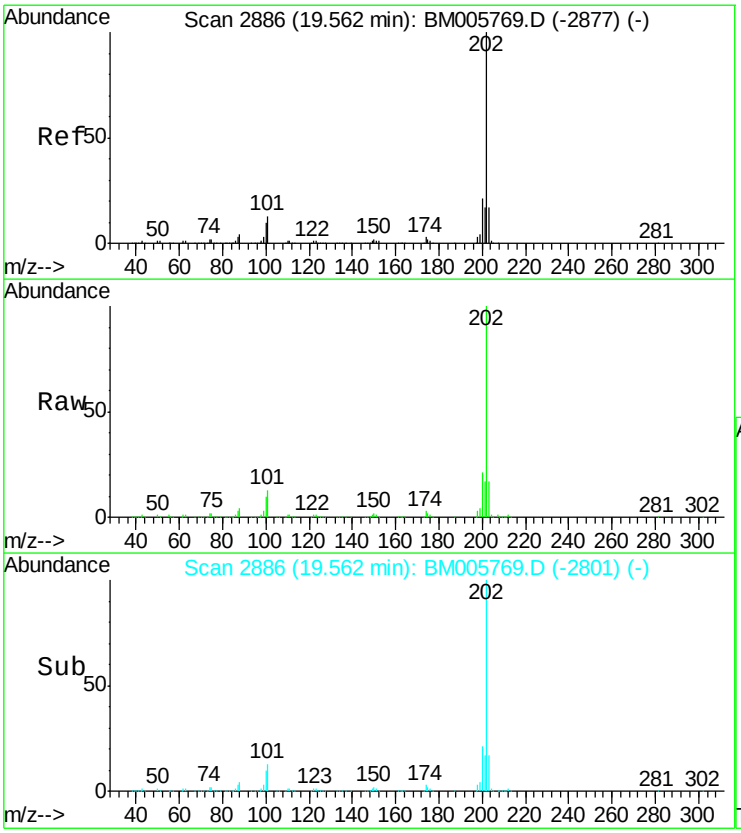
#28
Fluoranthene
Concen: 15.91 ng/ul
RT: 19.20 min Scan# 2824
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:202 Resp: 528118

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.4	14.2
100	8.3	6.9	10.3

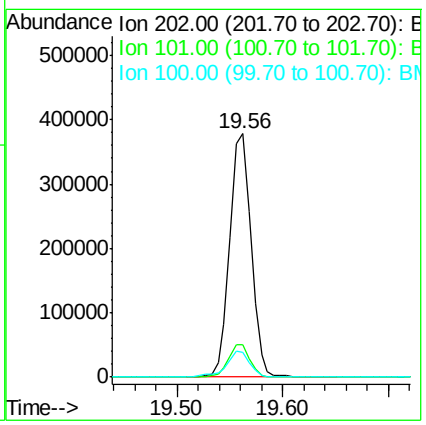


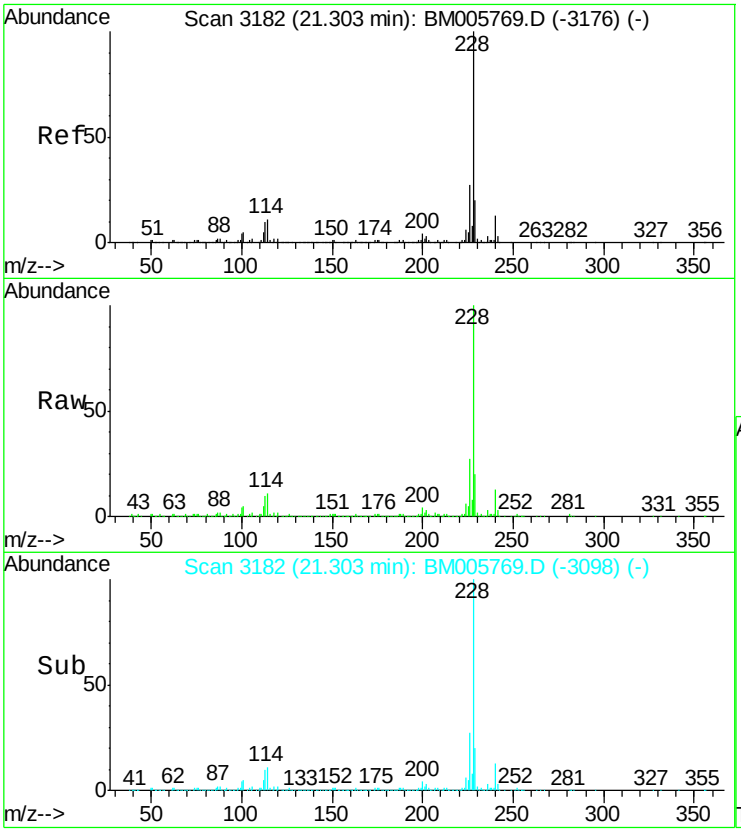


#31
Pyrene
Concen: 20.10 ng/ul
RT: 19.56 min Scan# 2886
Delta R.T. 0.00 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:202 Resp: 529062

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	15.8
100	10.0	8.4	12.6



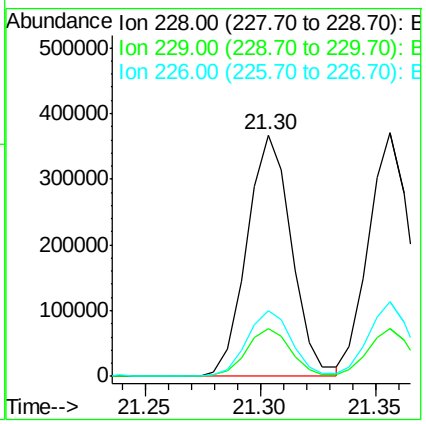


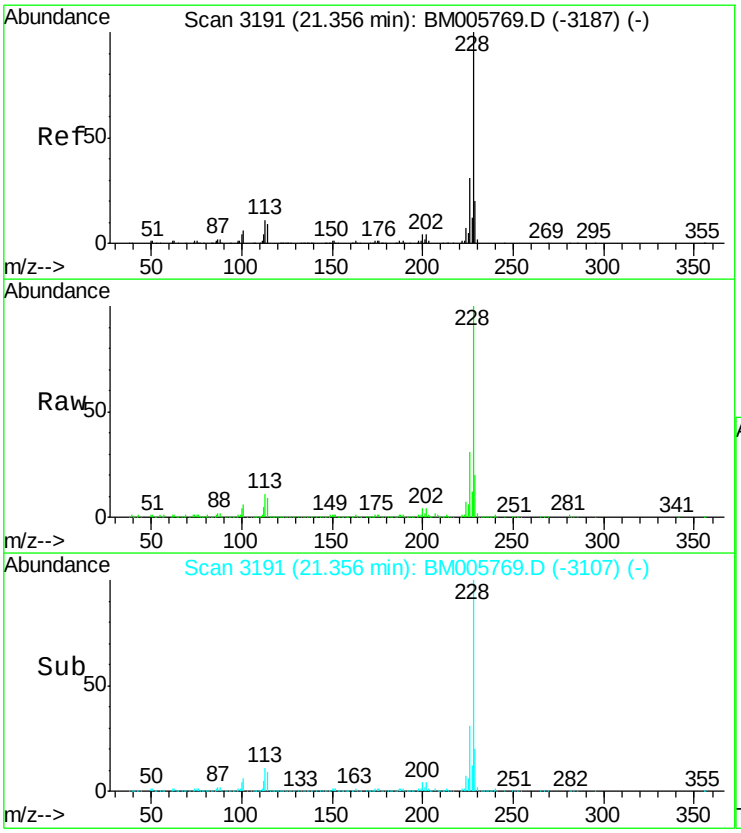
#32
Benzo(a)anthracene
Concen: 19.86 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:228 Resp: 496009

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.1	24.1
226	27.3	22.1	33.1

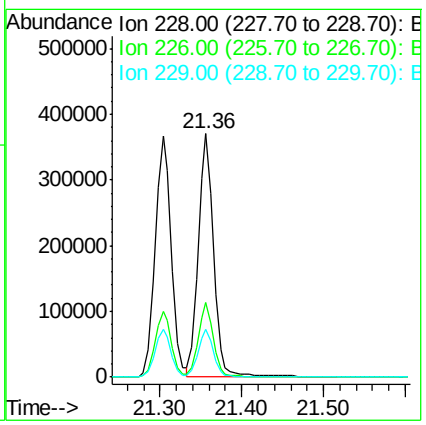


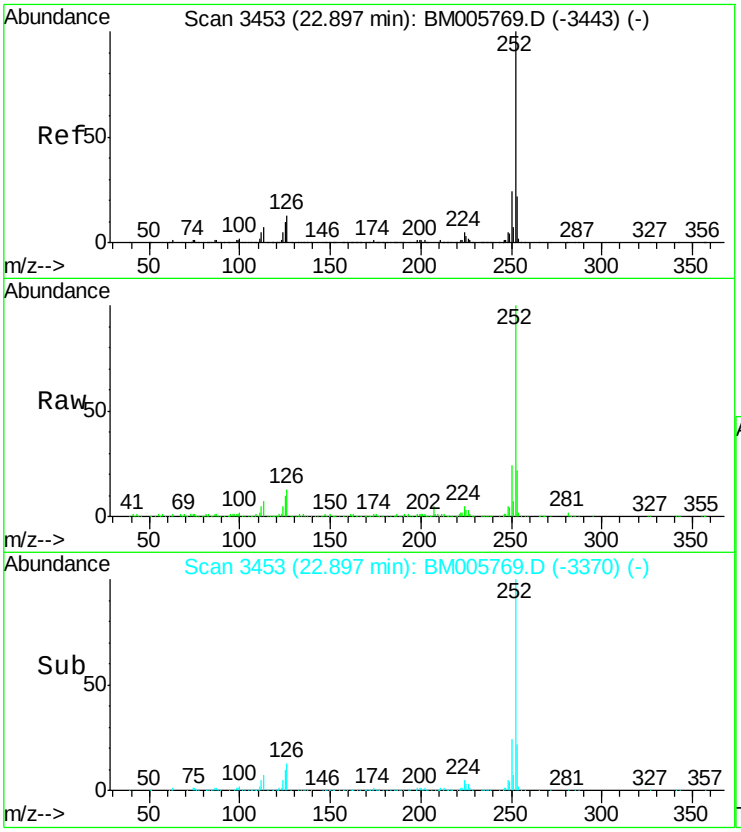


#33
Chrysene
Concen: 19.50 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:228 Resp: 480608

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.7	15.8	23.8



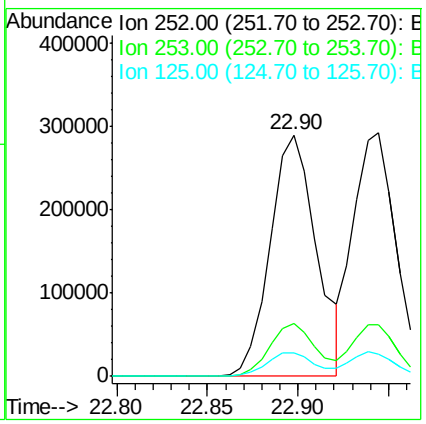


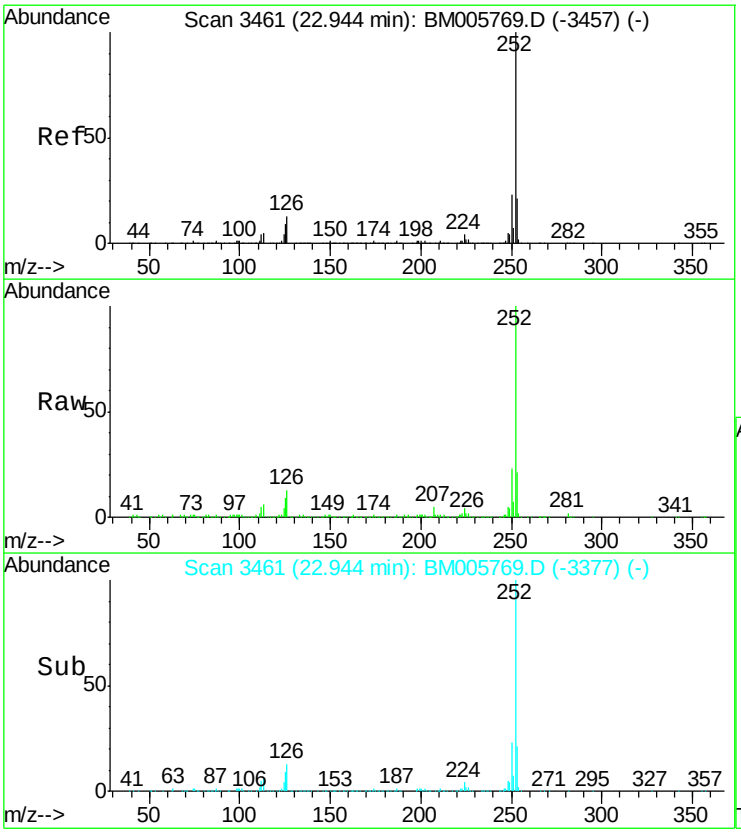
#35
Benzo(b)fluoranthene
Concen: 19.55 ng/ul
RT: 22.90 min Scan# 3453
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:252 Resp: 518901

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	9.9	8.4	12.6

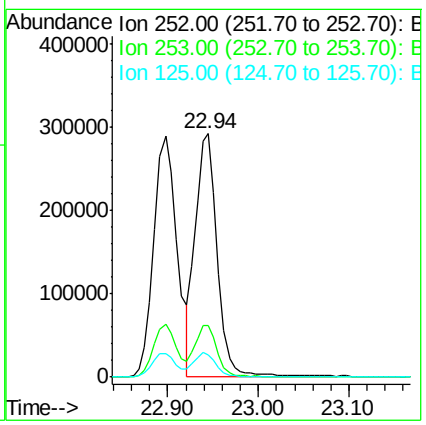


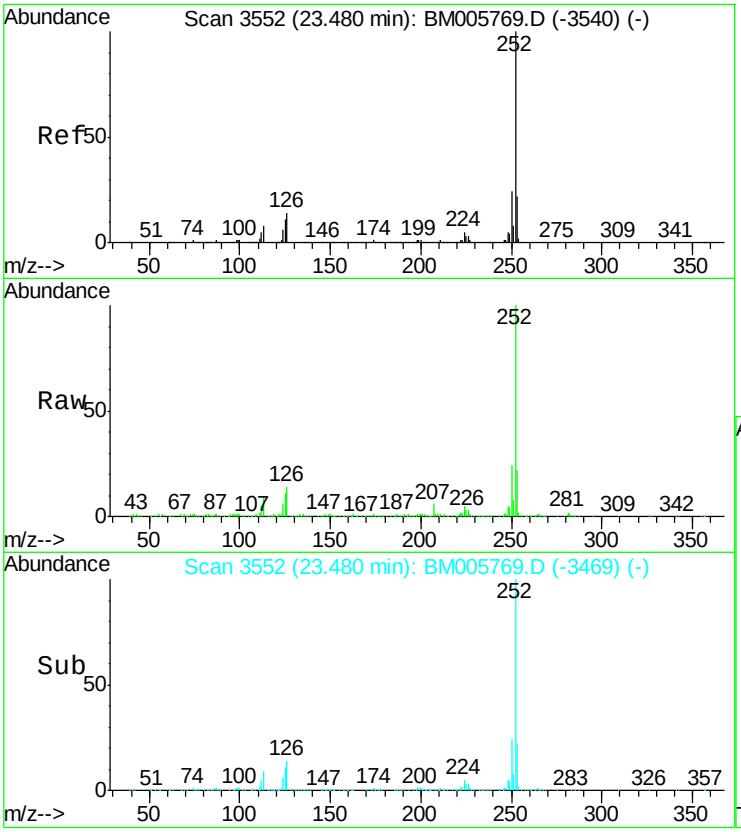


#36
Benzo(k)fluoranthene
Concen: 18.19 ng/ul
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:252 Resp: 487768

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	9.2	8.2	12.2



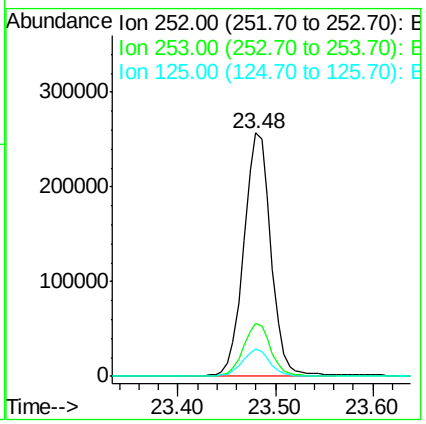


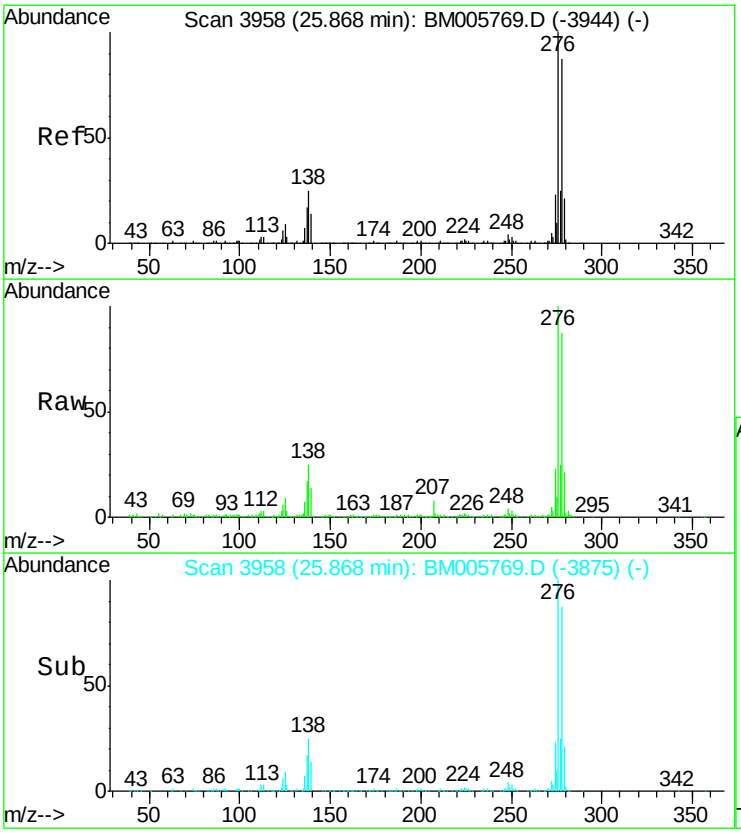
#38
Benzo(a)pyrene
Concen: 19.76 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:252 Resp: 497771

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.7	26.5
125	11.0	9.1	13.7

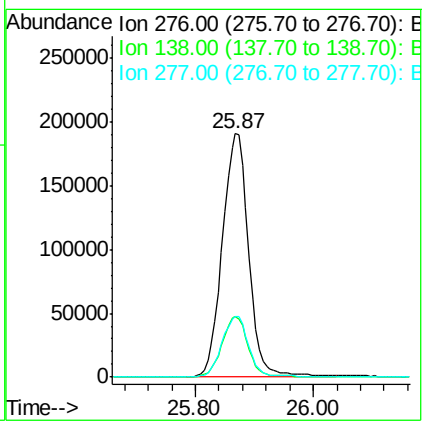


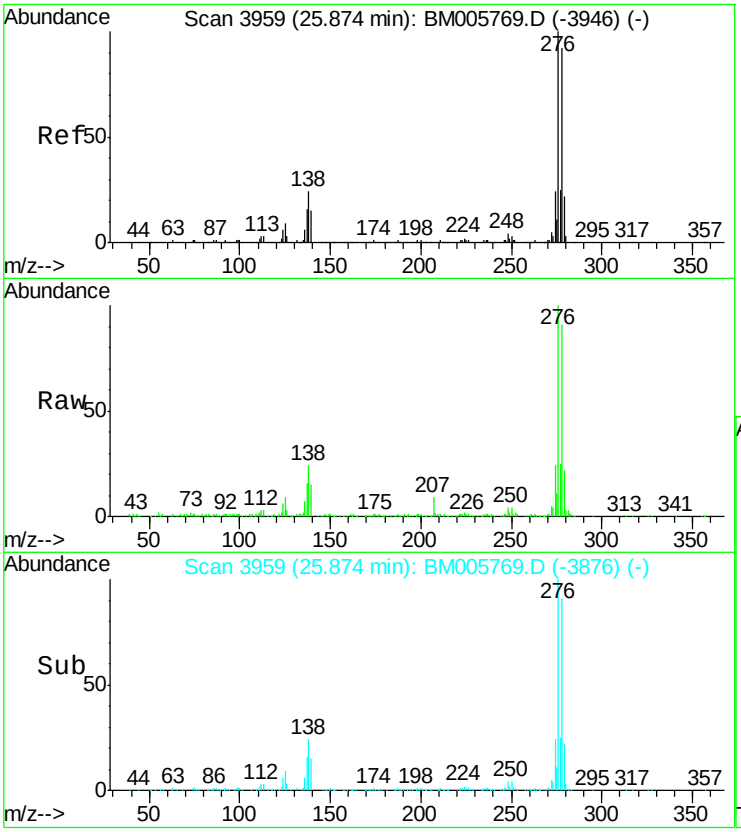


#39
Indeno(1,2,3-cd)pyrene
Concen: 24.21 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:276 Resp: 595355

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.4	32.2
277	25.0	20.5	30.7



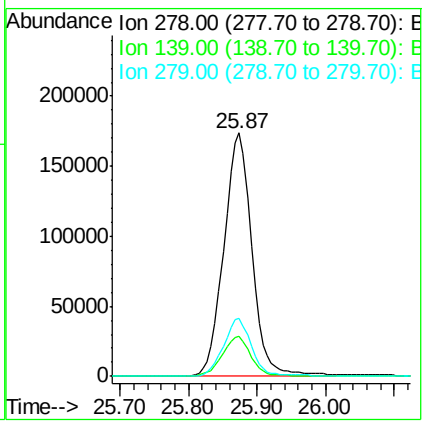


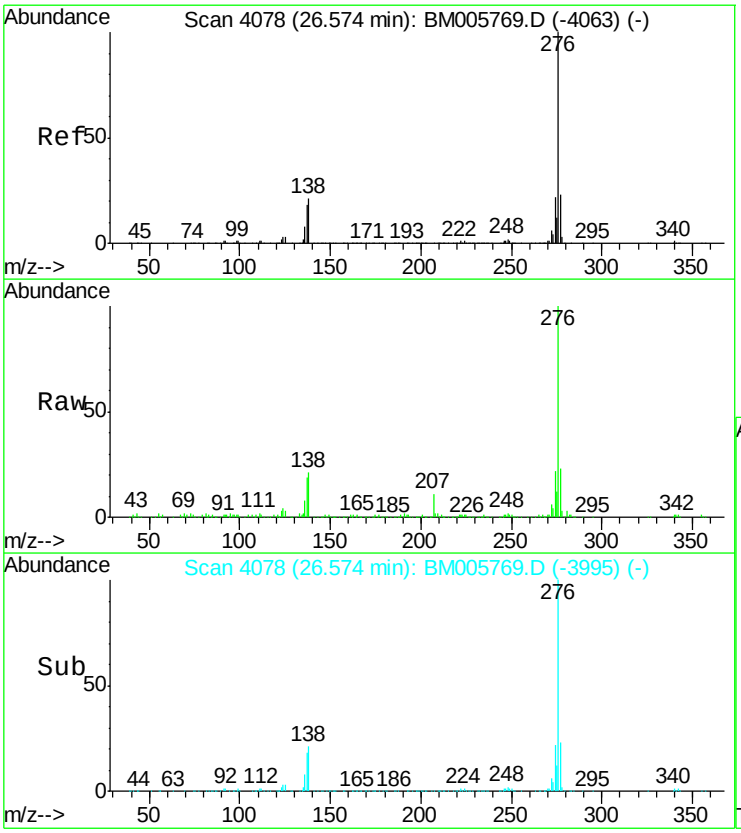
#40
Dibenzo(a,h)anthracene
Concen: 24.10 ng/ul
RT: 25.87 min Scan# 3959
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Instrument :
BNA_M
ClientSampleId :
SSTD02057

Tgt Ion:278 Resp: 495544

Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	23.8	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 24.04 ng/ul
RT: 26.57 min Scan# 4078
Delta R.T. -0.01 min
Lab File: BM005769.D
Acq: 13 Jun 2016 03:28

Tgt Ion:276 Resp: 494312

Ion	Ratio	Lower	Upper
276	100		
138	20.9	18.2	27.4
277	23.4	19.5	29.3