Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060916\
Data File : BM005707.D
Acq On : 09 Jun 2016 10:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Jun 10 01:19:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	87626	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	431099	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	263247	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	597365	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	619031	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	568398	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.20	96	14676	7.04	ng/uL	0.00
3) Phenol-d5	6.94	99	155940	20.24	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	92310	19.69	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	126744	19.94	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	131899	21.65	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	65721	19.85	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	73404	20.72	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	131129	20.83	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	182751	24.43	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	425493	21.03	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	525711	19.97	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	63826	22.02	ng/ul	0.01
21) Fluorene-d10	15.39	176	366991	21.11	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.54	200	46290	16.46	ng/ul	0.00
26) Anthracene-d10	17.24	188	561844	19.80	ng/ul	0.00
30) Pyrene-d10	19.54	212	601728	19.34	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.45	264	525362	20.08	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.60	128	425652	19.42	ng/ul	99
13) 2-Methylnaphthalene	12.21	142	316734	20.80	ng/ul	98
14) 1-Methylnaphthalene	12.43	142	314662	20.99	ng/ul#	96
18) Acenaphthylene	14.12	152	537868	19.75	ng/ul	97
19) Acenaphthene	14.46	153	350131	19.81	ng/ul	95
22) Fluorene	15.45	166	400419	20.93	ng/ul	96
25) Phenanthrene	17.19	178	655672	19.88	ng/ul	99
27) Anthracene	17.28	178	670219	20.01	ng/ul	98
28) Fluoranthene	19.20	202	744221	22.08	ng/ul	99
31) Pyrene	19.57	202	767328	19.65	ng/ul	97
32) Benzo(a)anthracene	21.32	228	723110	19.92	ng/ul	98
33) Chrysene	21.37	228	695736	20.28	ng/ul	98
35) Benzo(b)fluoranthene	22.91	252	692553	20.20	ng/ul	98
36) Benzo(k)fluoranthene	22.96	252	670428	20.85	ng/ul	99
38) Benzo(a)pyrene	23.50	252	646816	19.60	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.89	276	627342	16.07	ng/ul#	94
40) Dibenzo(a,h)anthracene	25.89	278	526492	16.07	ng/ul	97
41) Benzo(g,h,i)perylene	26.59	276	512931	15.66	ng/ul#	94

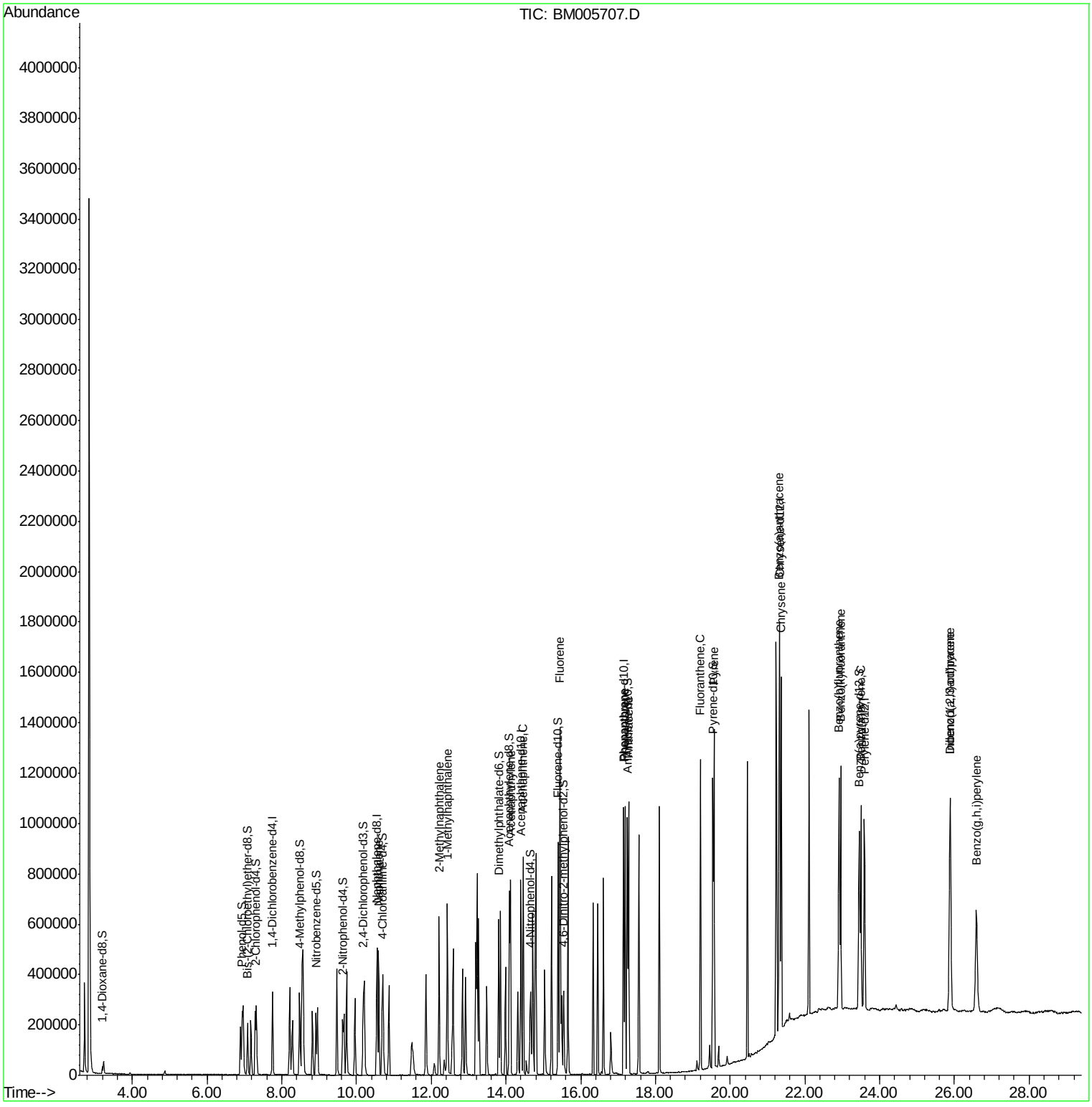
(#) = qualifier out of range (m) = manual integration (+) = signals summed

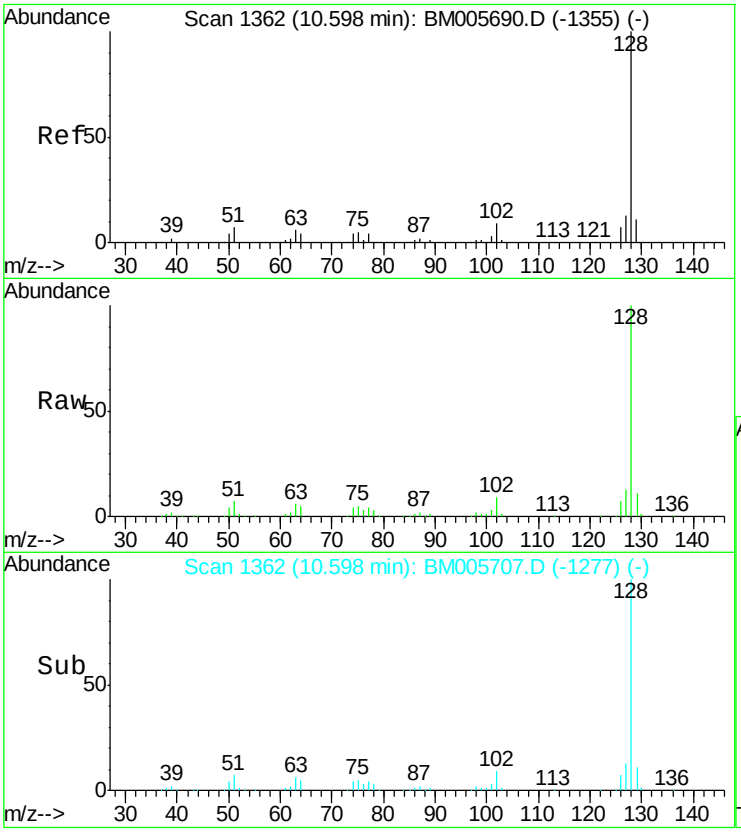
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060916\
Data File : BM005707.D
Acq On : 09 Jun 2016 10:05
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Quant Time: Jun 10 01:19:28 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 08 01:24:32 2016
Response via : Initial Calibration



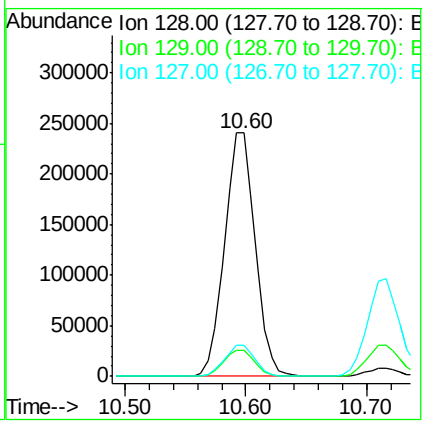


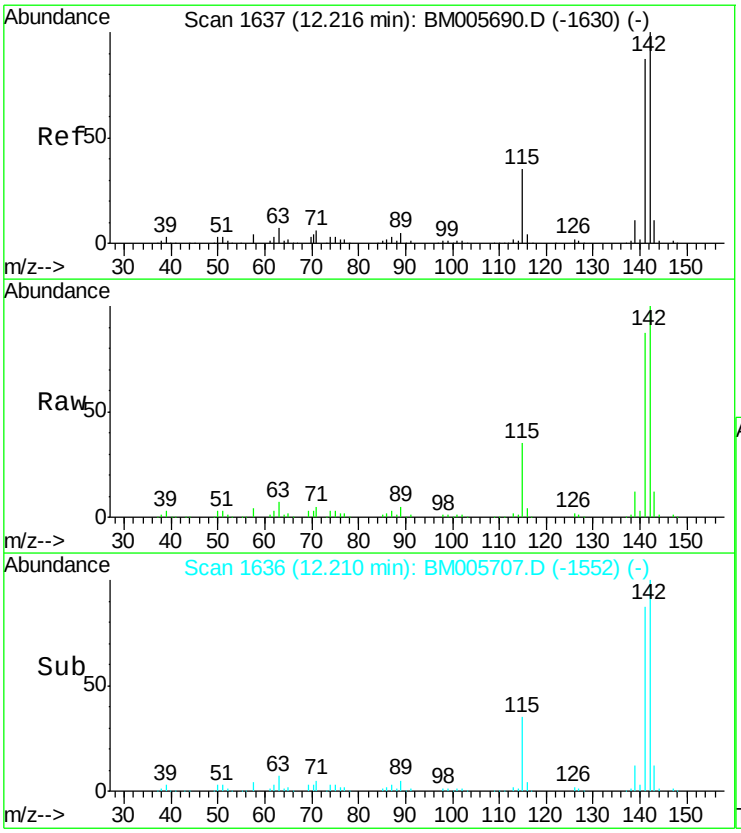
#11
Naphthalene
Concen: 19.42 ng/ul
RT: 10.60 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:128 Resp: 425652

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.3	12.5
127	12.9	10.8	16.2

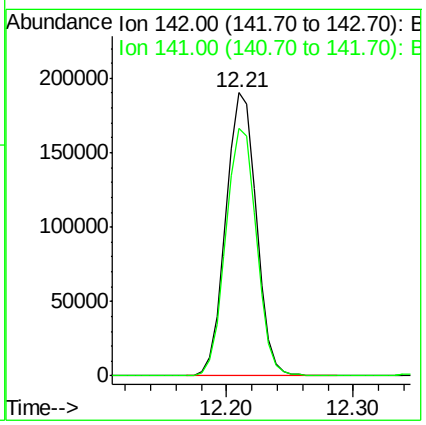


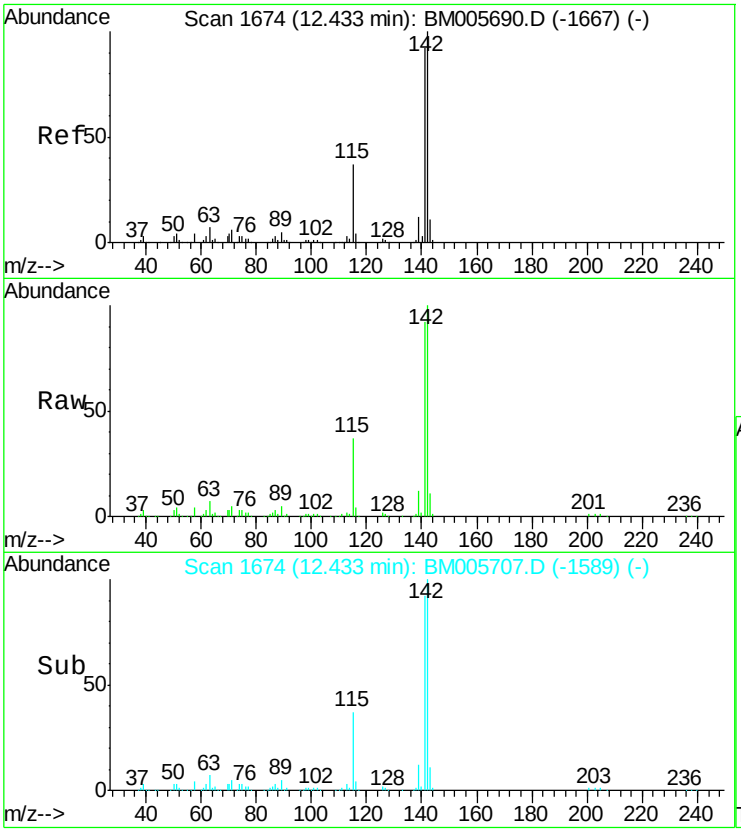


#13
2-Methylnaphthalene
Concen: 20.80 ng/ul
RT: 12.21 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:142 Resp: 316734

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.3	106.9



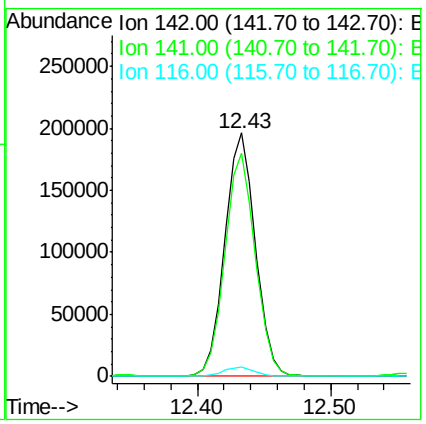


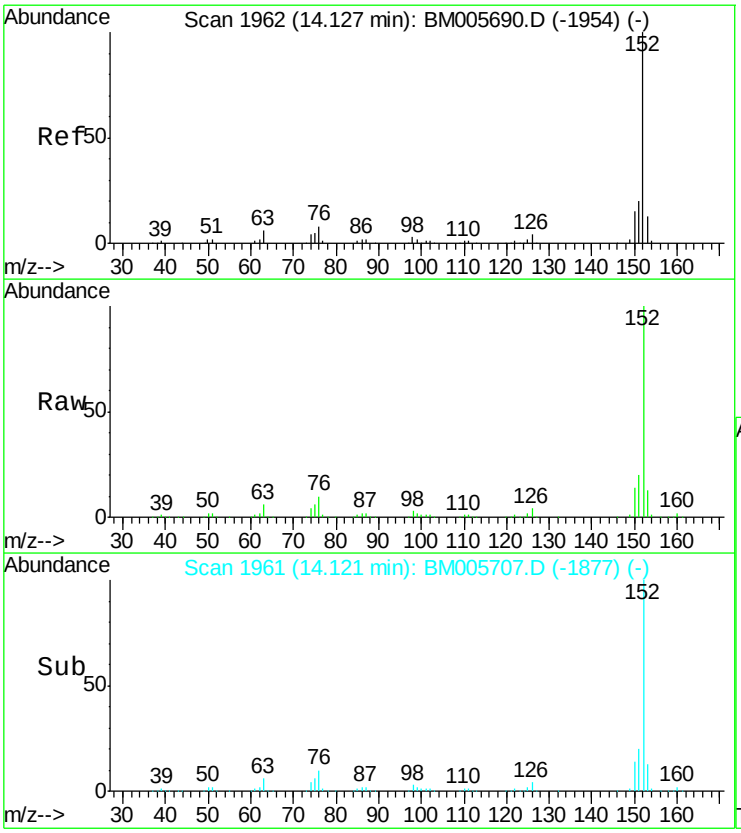
#14
1-Methylnaphthalene
Concen: 20.99 ng/ul
RT: 12.43 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:142 Resp: 314662

Ion	Ratio	Lower	Upper
142	100		
141	91.8	77.0	115.4
116	4.0	4.2	6.4#

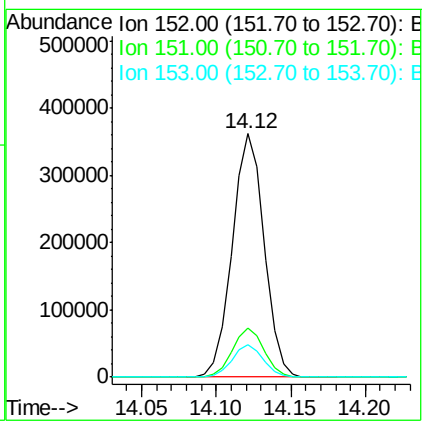


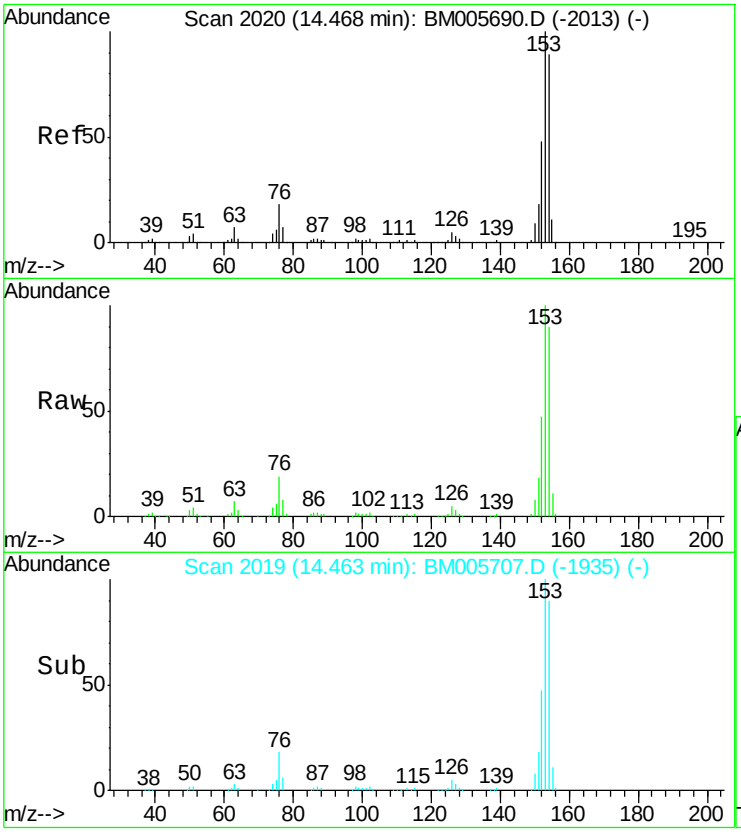


#18
Acenaphthylene
Concen: 19.75 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:152 Resp: 537868

Ion	Ratio	Lower	Upper
152	100		
151	20.0	17.3	25.9
153	13.3	11.1	16.7



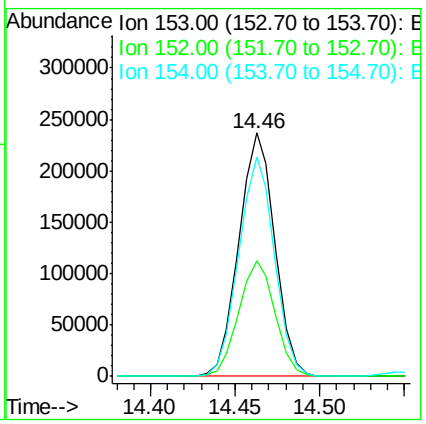


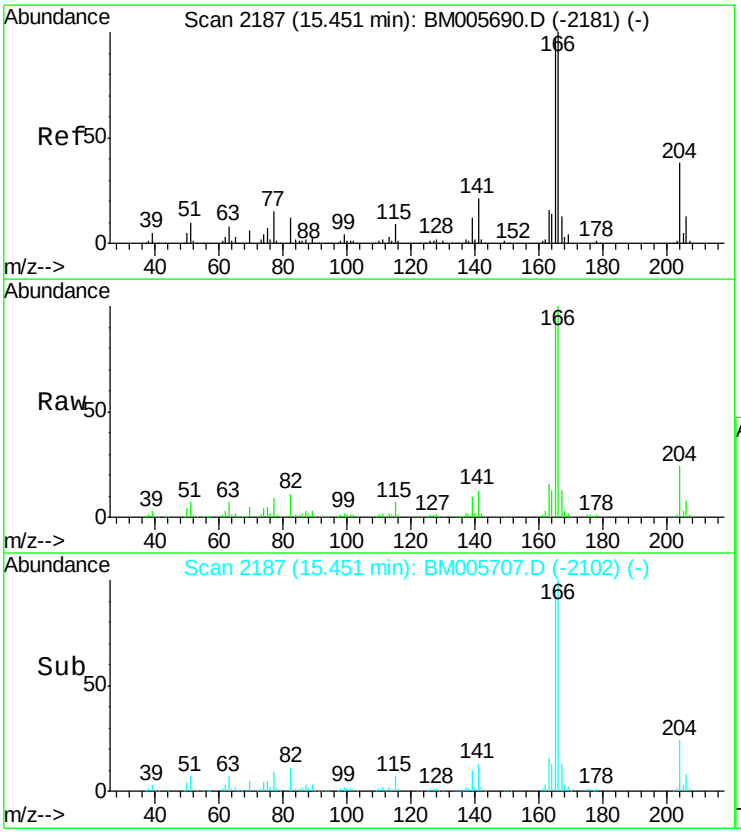
#19
Acenaphthene
Concen: 19.81 ng/ul
RT: 14.46 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:153 Resp: 350131

Ion	Ratio	Lower	Upper
153	100		
152	47.4	36.5	54.7
154	89.9	67.3	100.9

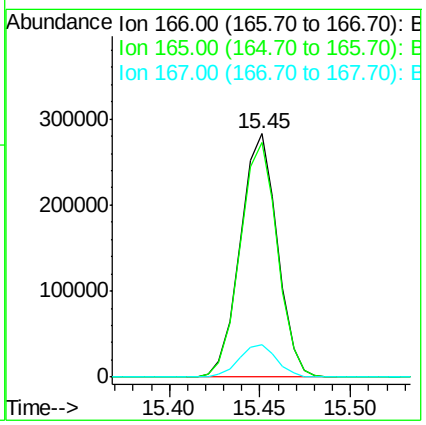


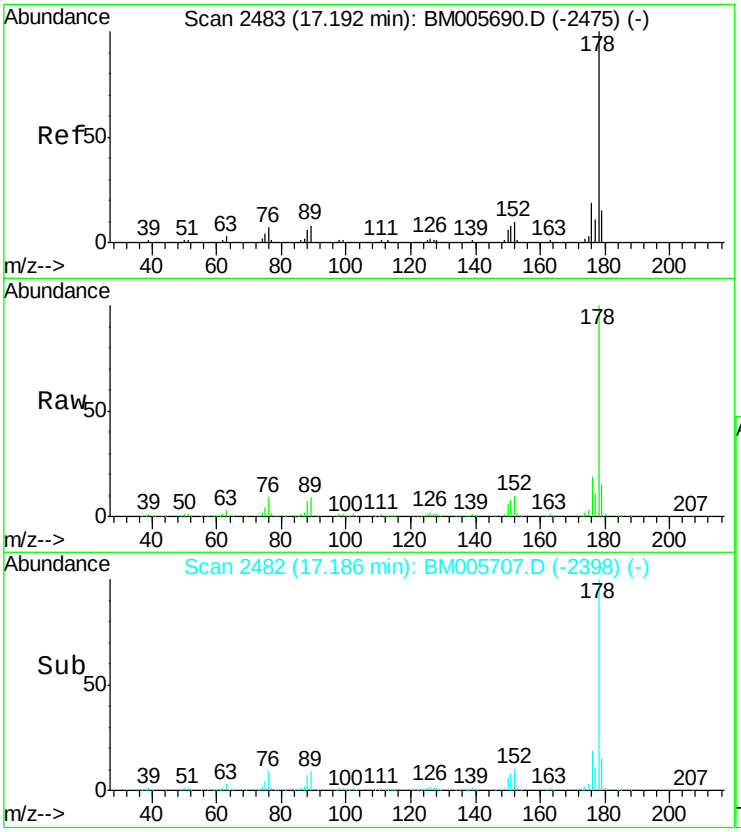


#22
Fluorene
Concen: 20.93 ng/ul
RT: 15.45 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:166 Resp: 400419

Ion	Ratio	Lower	Upper
166	100		
165	96.4	81.1	121.7
167	13.4	10.6	16.0



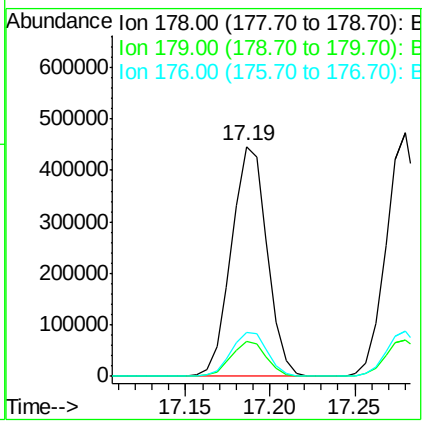


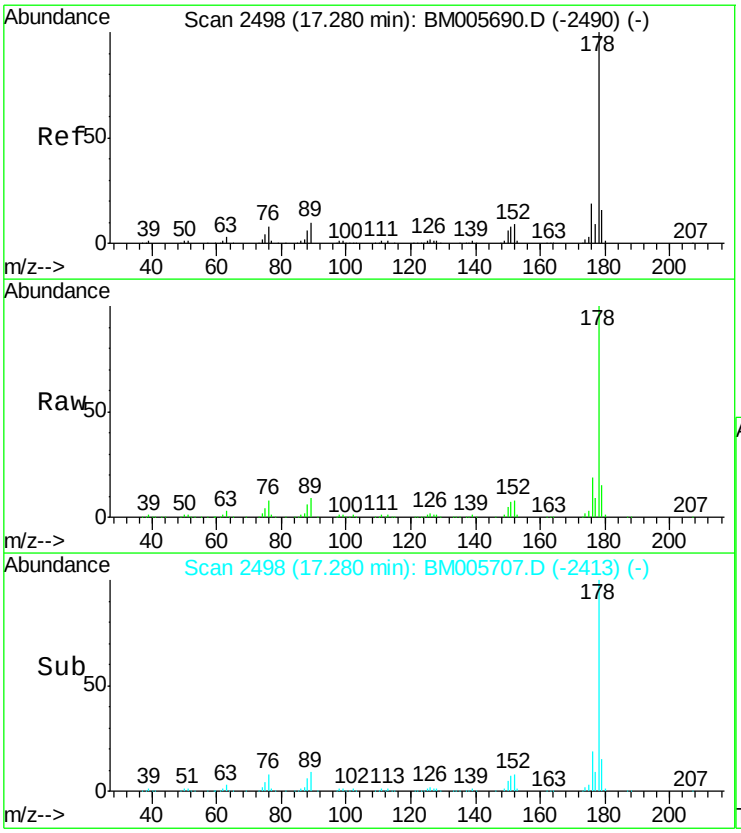
#25
Phenanthrene
Concen: 19.88 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:178 Resp: 655672

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.2	14.8	22.2

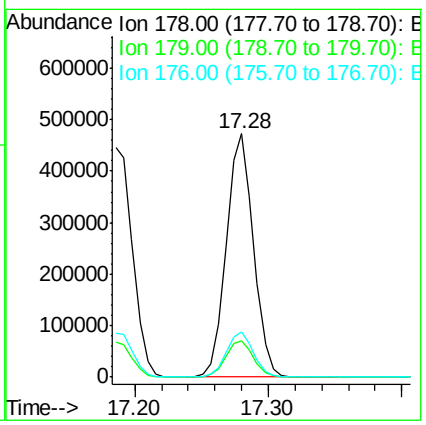


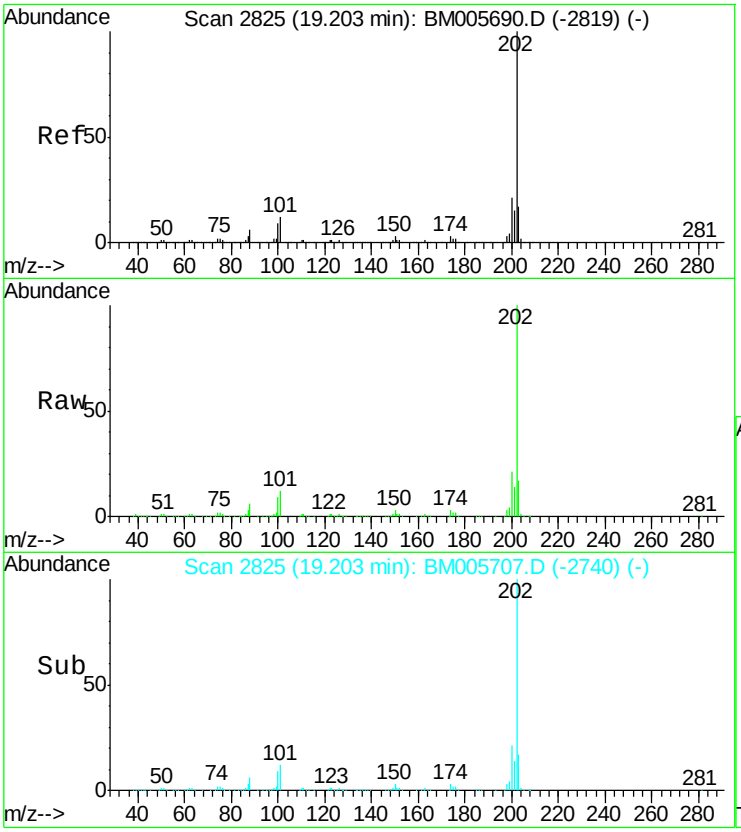


#27
Anthracene
Concen: 20.01 ng/ul
RT: 17.28 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:178 Resp: 670219

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	18.6	15.6	23.4



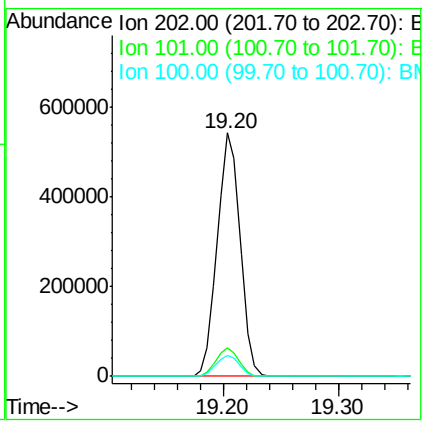


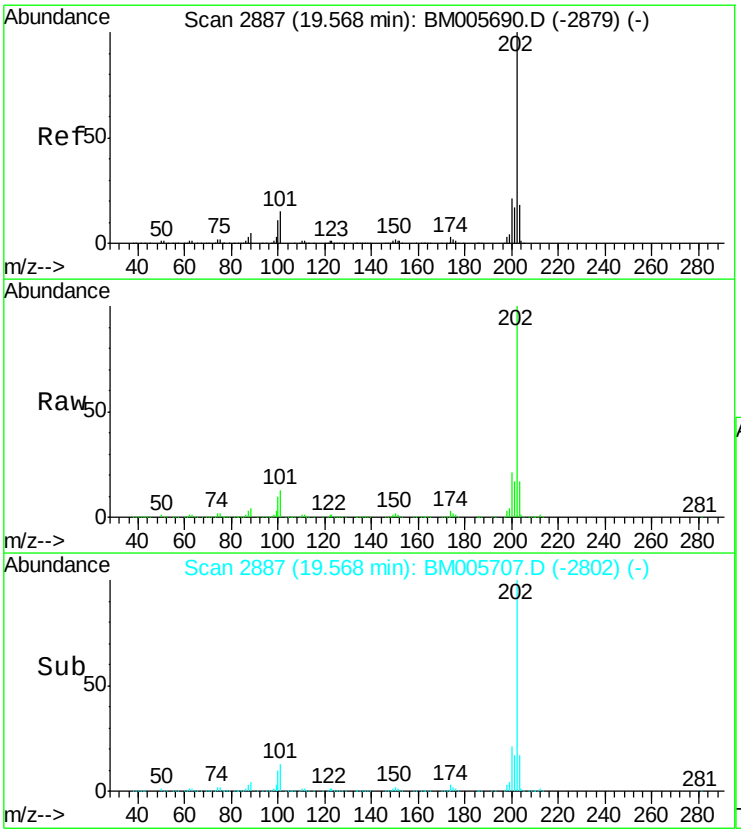
#28
Fluoranthene
Concen: 22.08 ng/ul
RT: 19.20 min Scan# 2825
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:202 Resp: 744221

Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.9	13.3
100	8.6	7.0	10.4

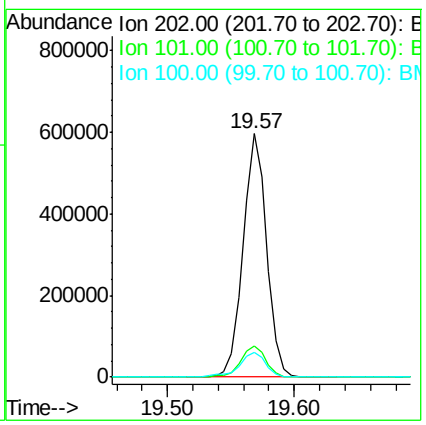


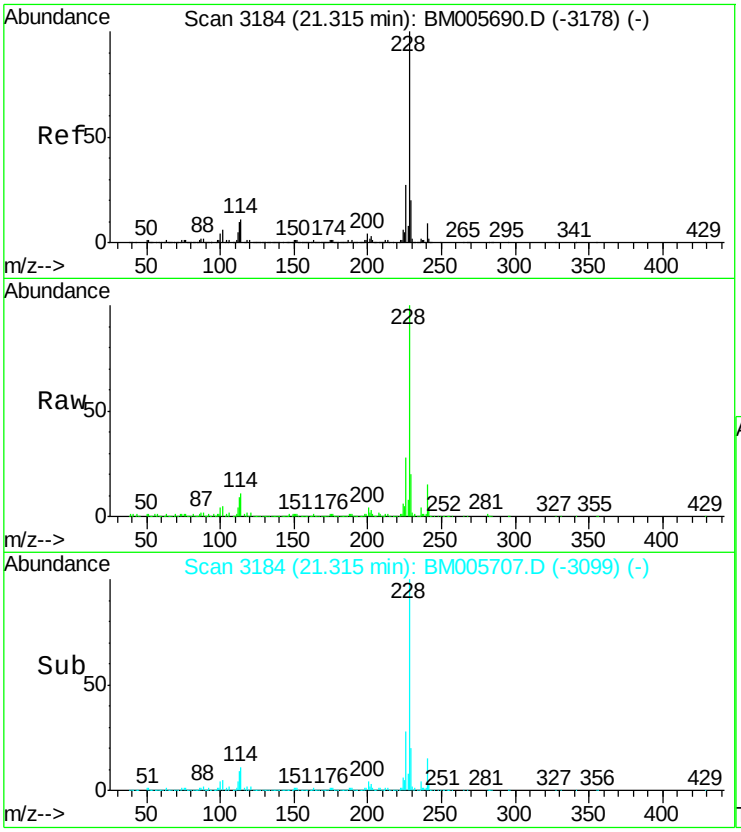


#31
Pyrene
Concen: 19.65 ng/ul
RT: 19.57 min Scan# 2887
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:202 Resp: 767328

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
100	10.1	9.3	13.9



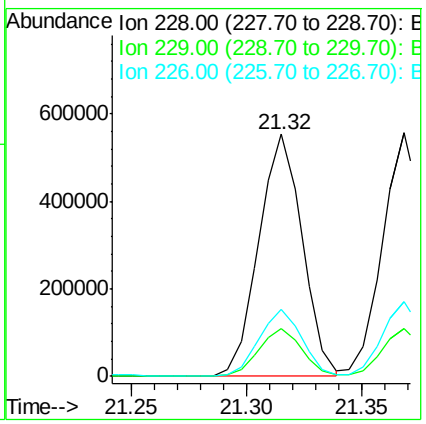


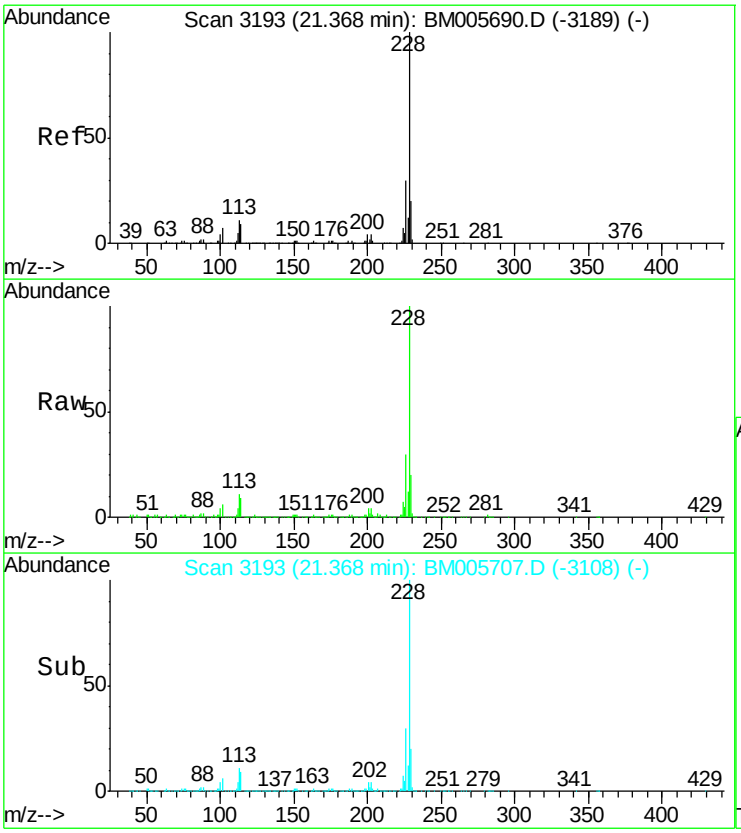
#32
Benzo(a)anthracene
Concen: 19.92 ng/ul
RT: 21.32 min Scan# 3184
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:228 Resp: 723110

Ion	Ratio	Lower	Upper
228	100		
229	19.8	16.6	25.0
226	27.6	21.0	31.4

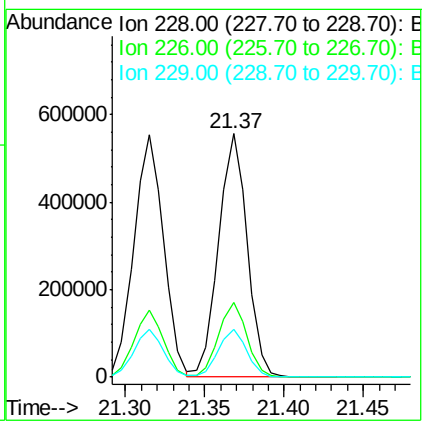


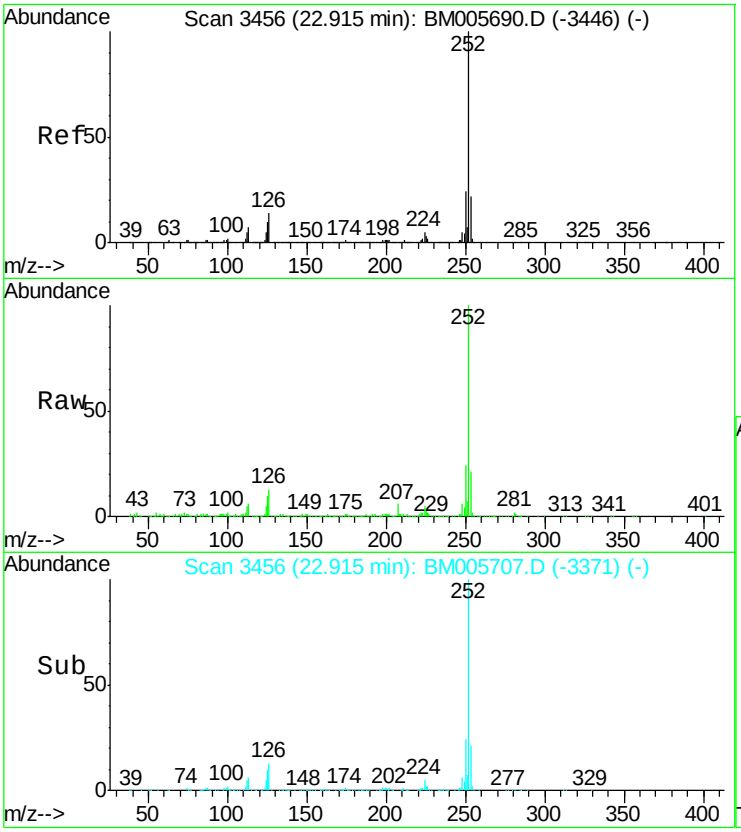


#33
Chrysene
Concen: 20.28 ng/ul
RT: 21.37 min Scan# 3193
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:228 Resp: 695736

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	19.8	16.2	24.2



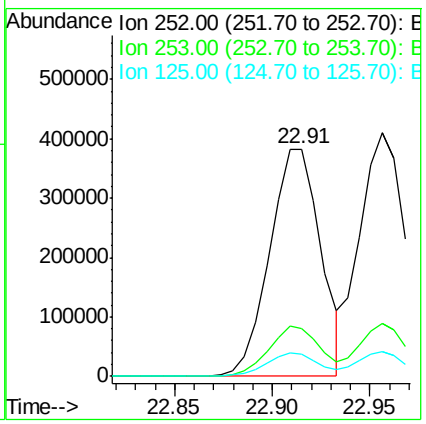


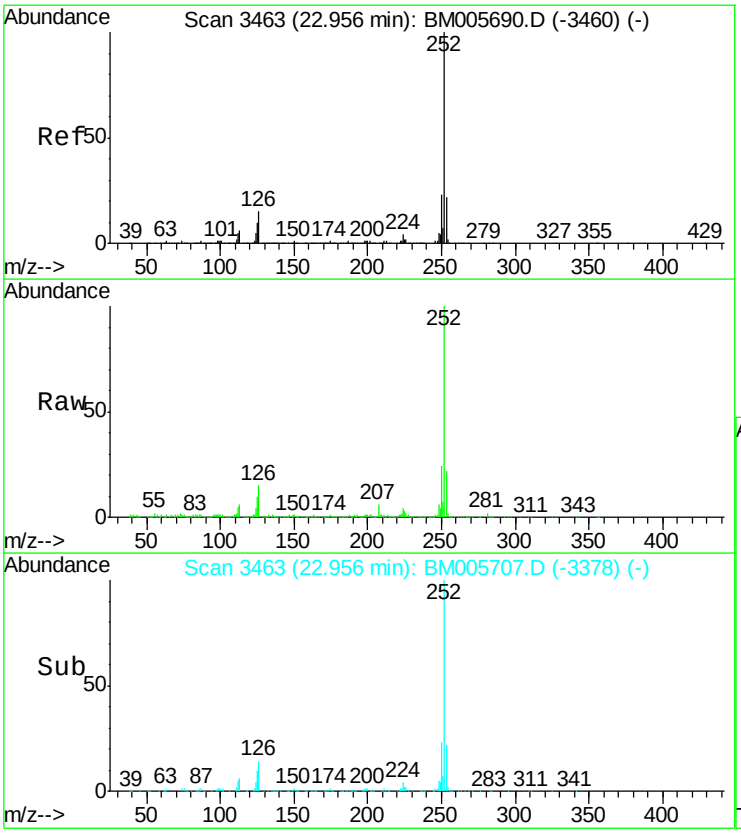
#35
Benzo(b)fluoranthene
Concen: 20.20 ng/ul
RT: 22.91 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:252 Resp: 692553

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.1	27.1
125	9.8	7.6	11.4

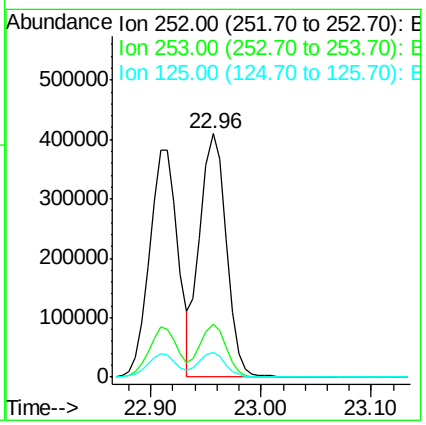


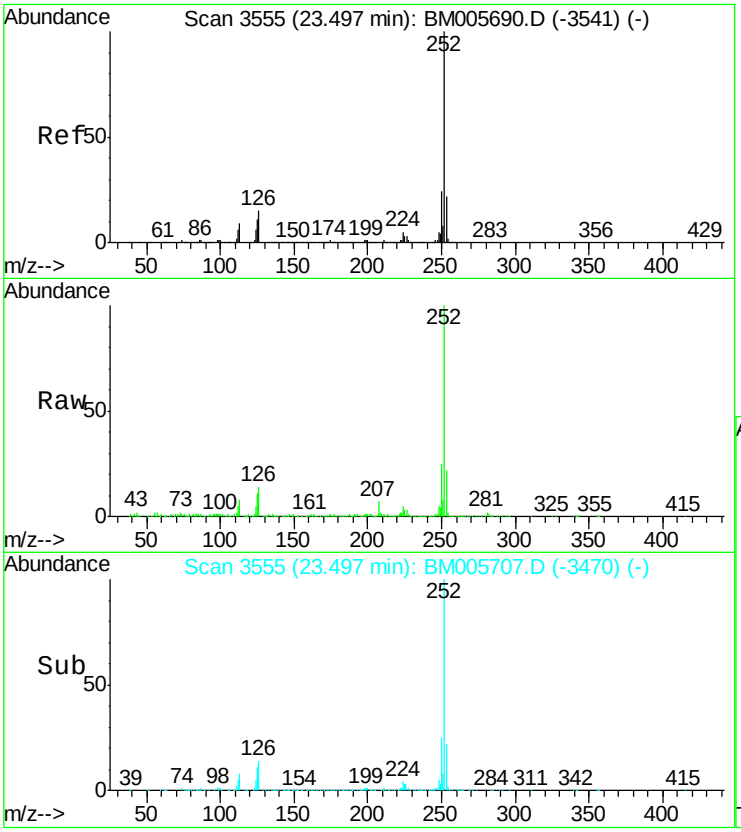


#36
Benzo(k)fluoranthene
Concen: 20.85 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:252 Resp: 670428

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.9	7.7	11.5



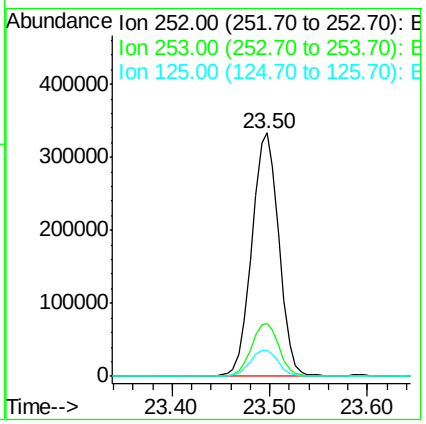


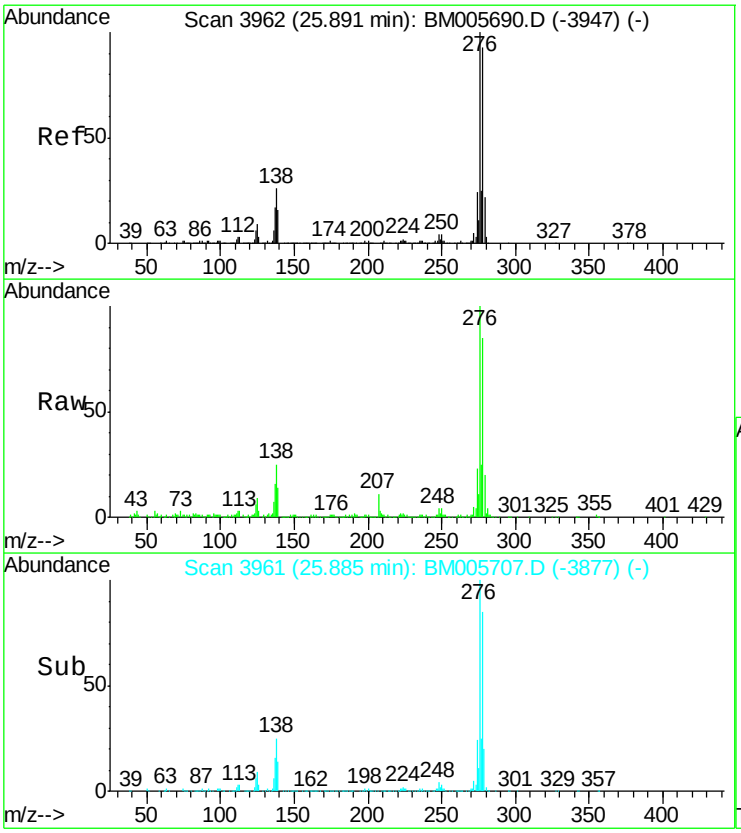
#38
Benzo(a)pyrene
Concen: 19.60 ng/ul
RT: 23.50 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:252 Resp: 646816

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	10.8	8.2	12.2

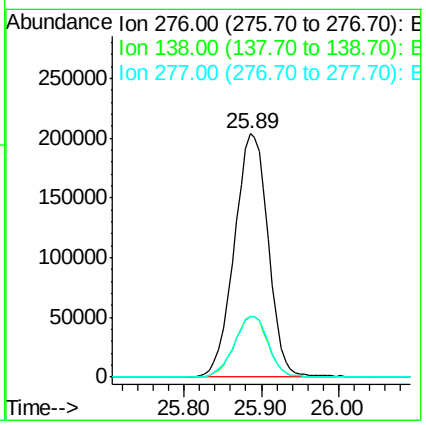


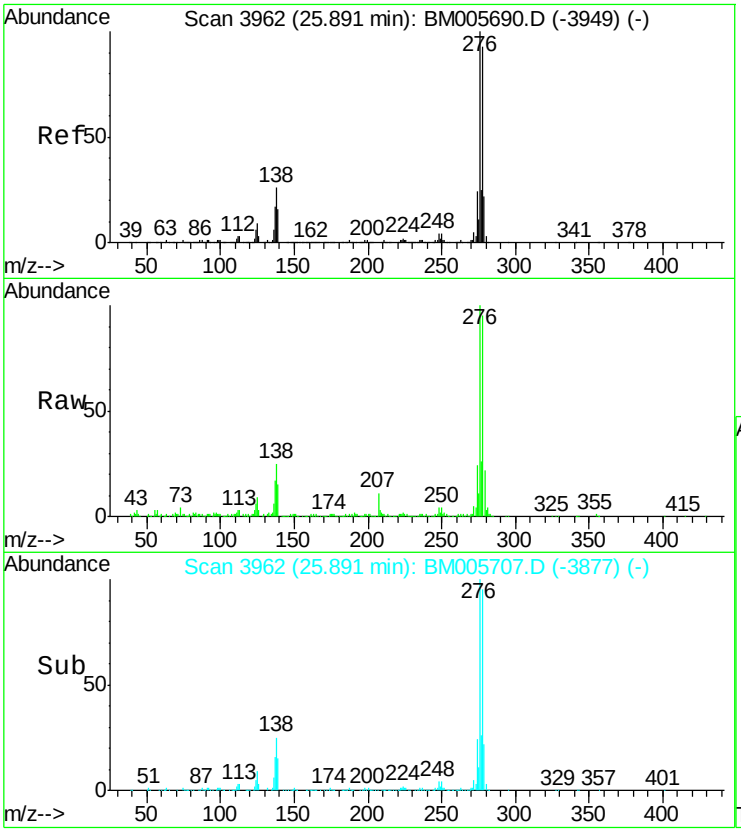


#39
Indeno(1,2,3-cd)pyrene
Concen: 16.07 ng/ul
RT: 25.89 min Scan# 3961
Delta R.T. -0.01 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:276 Resp: 627342

Ion	Ratio	Lower	Upper
276	100		
138	24.9	15.8	23.6#
277	25.0	19.0	28.6



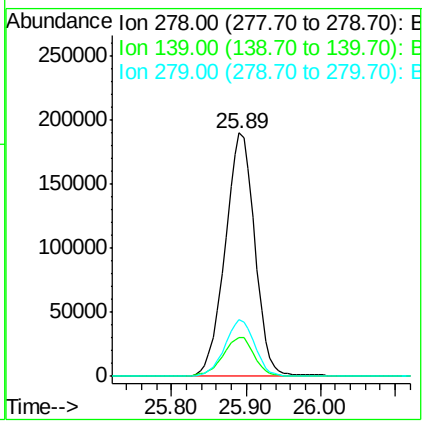


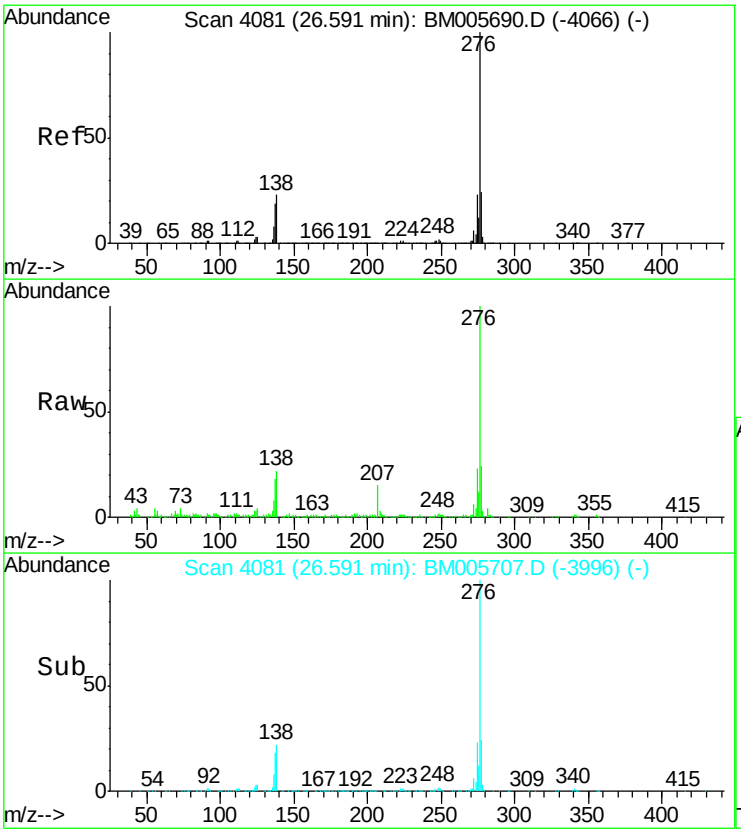
#40
Dibenzo(a,h)anthracene
Concen: 16.07 ng/ul
RT: 25.89 min Scan# 3962
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Tgt Ion:278 Resp: 526492

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.1	18.1
279	23.5	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 15.66 ng/ul
RT: 26.59 min Scan# 4081
Delta R.T. 0.00 min
Lab File: BM005707.D
Acq: 09 Jun 2016 10:05

Tgt Ion:276 Resp: 512931

Ion	Ratio	Lower	Upper
276	100		
138	22.4	13.9	20.9#
277	23.8	19.8	29.6