Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005785.D
Acq On : 14 Jun 2016 15:14
Operator : UM/SJ
Sample : SSTD00534
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00534

Quant Time: Jun 15 01:19:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:18:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	80047	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	397872	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	219659	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	385597	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	412769	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	419548	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	3714	2.03	ng/uL	0.00
3) Phenol-d5	6.93	99	29909	4.36	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	20399	4.96	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	26449	4.76	ng/ul	0.00
6) 4-Methylphenol-d8	8.46	113	25355	4.37	ng/ul	0.00
8) Nitrobenzene-d5	8.90	128	12640	4.42	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	13674	4.26	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	29342	4.97	ng/ul	0.00
12) 4-Chloroaniline-d4	10.68	131	35040	5.10	ng/ul	0.00
16) Dimethylphthalate-d6	13.79	166	93182	5.17	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	117422	5.31	ng/ul	0.00
20) 4-Nitrophenol-d4	14.65	143	3583	1.46	ng/ul	0.02
21) Fluorene-d10	15.38	176	75154	5.00	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	3657	1.91	ng/ul	0.00
26) Anthracene-d10	17.23	188	98094	5.44	ng/ul	0.00
30) Pyrene-d10	19.53	212	100713	5.09	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	101350	5.30	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.58	128	108384	5.46	ng/ul	99
13) 2-Methylnaphthalene	12.20	142	75657	5.12	ng/ul	97
14) 1-Methylnaphthalene	12.42	142	79124	5.41	ng/ul	99
18) Acenaphthylene	14.11	152	121344	5.38	ng/ul	99
19) Acenaphthene	14.45	153	79589	5.42	ng/ul	98
22) Fluorene	15.44	166	84194	5.12	ng/ul	98
25) Phenanthrene	17.17	178	115980	5.52	ng/ul	99
27) Anthracene	17.27	178	114371	5.39	ng/ul	99
28) Fluoranthene	19.19	202	118370	4.86	ng/ul	97
31) Pyrene	19.56	202	127974	5.12	ng/ul	99
32) Benzo(a)anthracene	21.30	228	123626	5.18	ng/ul	99
33) Chrysene	21.36	228	125052	5.35	ng/ul	99
35) Benzo(b)fluoranthene	22.90	252	129749	5.18	ng/ul	98
36) Benzo(k)fluoranthene	22.94	252	122028	4.96	ng/ul	99
38) Benzo(a)pyrene	23.48	252	128474	5.43	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.86	276	143830	6.00	ng/ul	97
40) Dibenzo(a,h)anthracene	25.87	278	120503	6.00	ng/ul	99
41) Benzo(g,h,i)perylene	26.56	276	123098	6.06	ng/ul	98

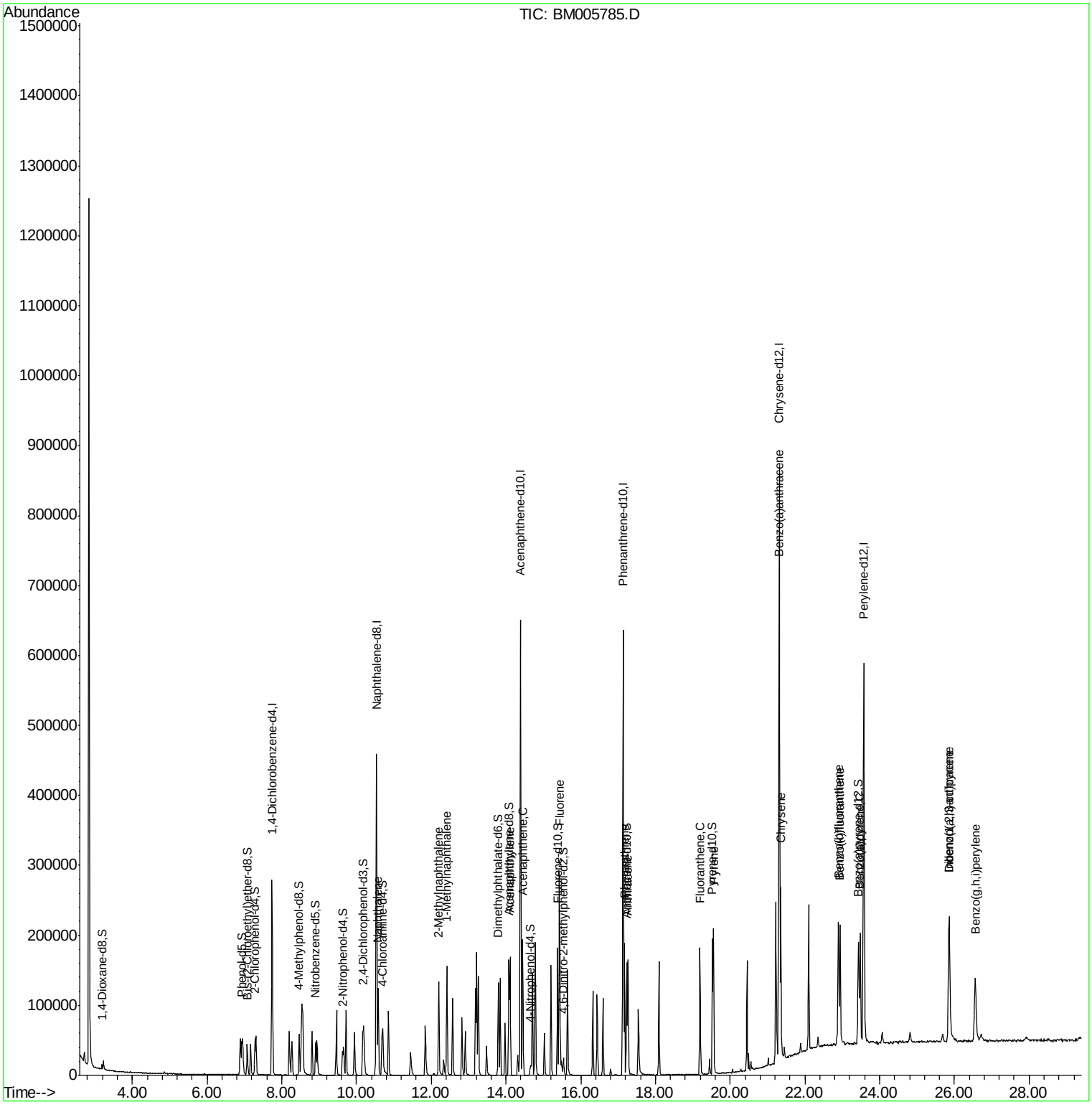
(#) = qualifier out of range (m) = manual integration (+) = signals summed

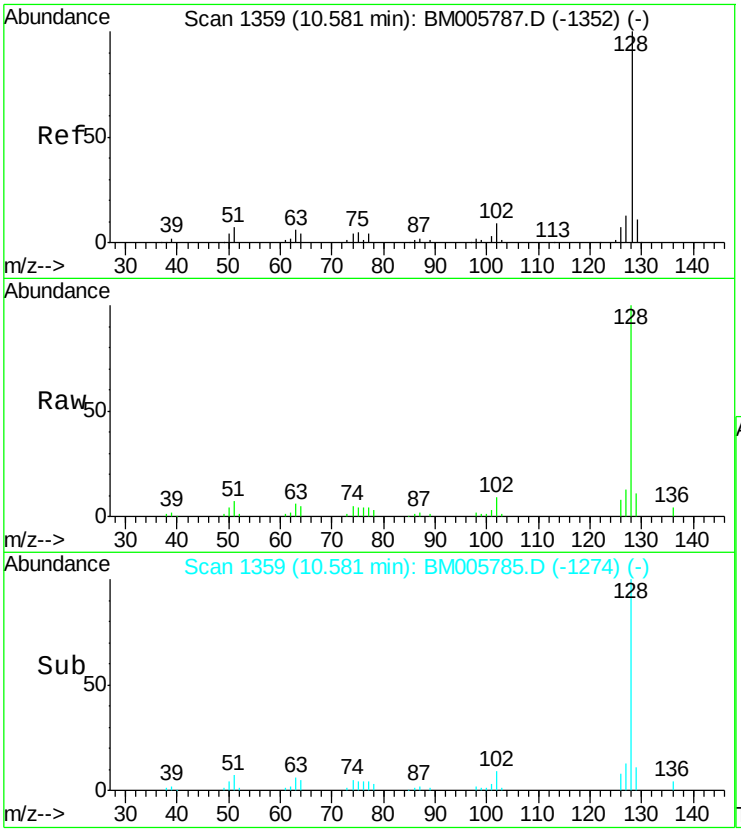
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005785.D
Acq On : 14 Jun 2016 15:14
Operator : UM/SJ
Sample : SSTD00534
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Quant Time: Jun 15 01:19:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:18:34 2016
Response via : Initial Calibration



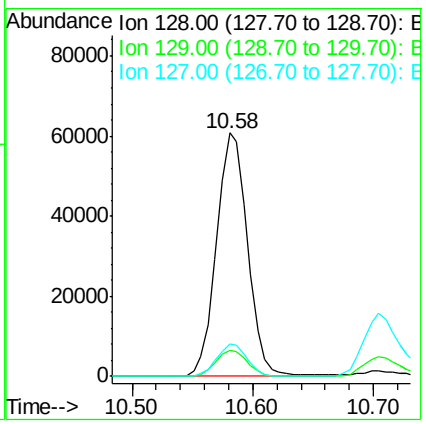


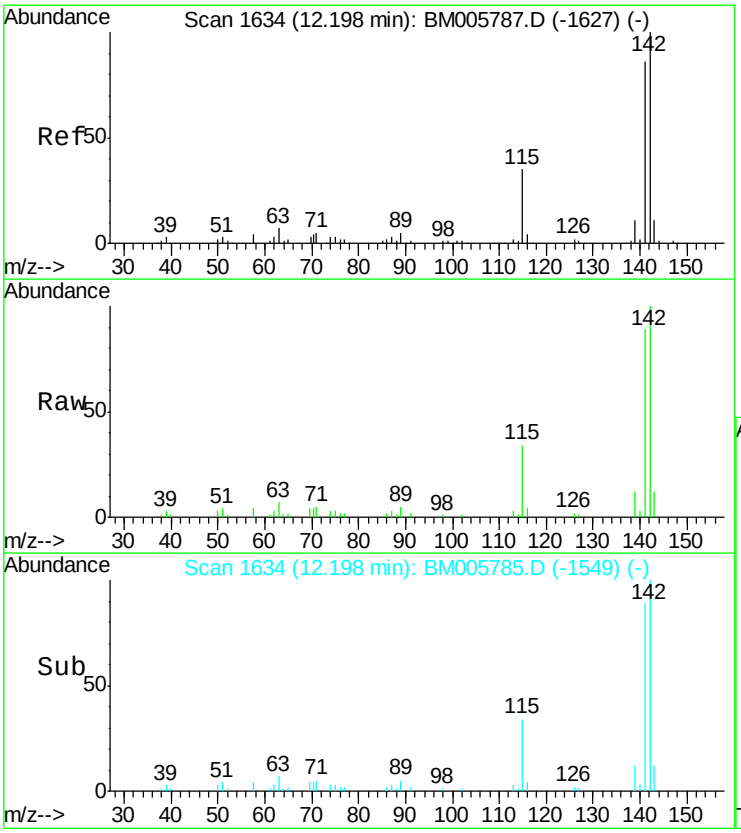
#11
Naphthalene
Concen: 5.46 ng/ul
RT: 10.58 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:128 Resp: 108384

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.9	13.3
127	13.4	10.5	15.7

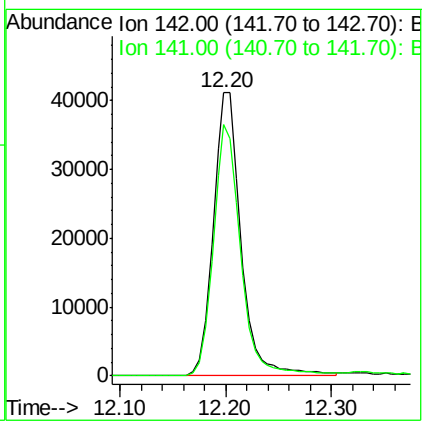


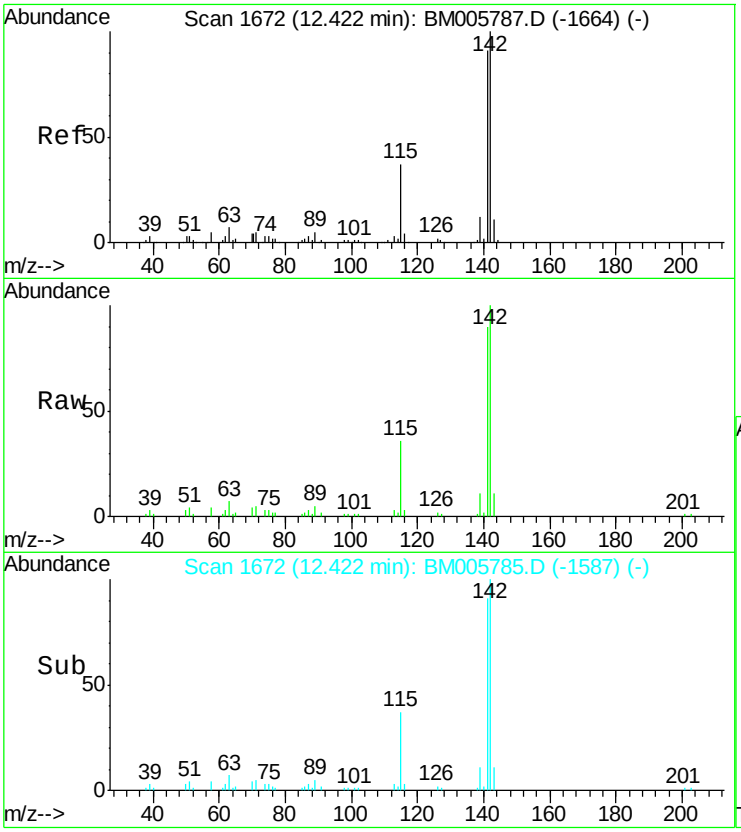


#13
2-Methylnaphthalene
Concen: 5.12 ng/ul
RT: 12.20 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:142 Resp: 75657

Ion	Ratio	Lower	Upper
142	100		
141	89.0	69.0	103.6



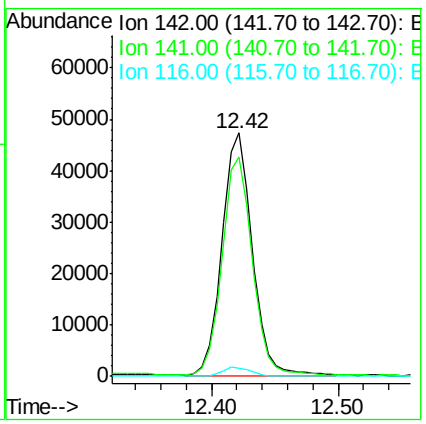


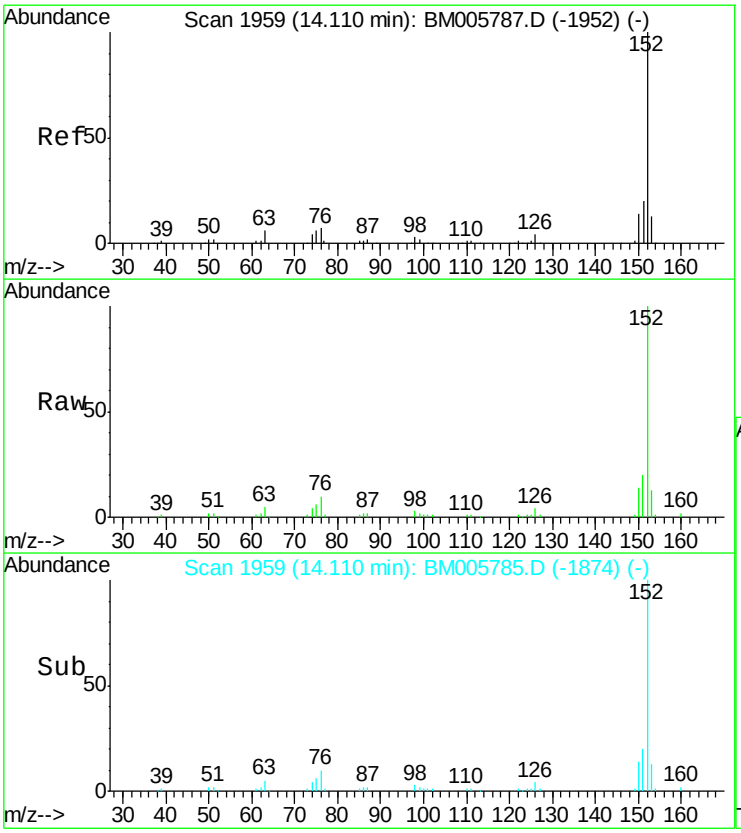
#14
1-Methylnaphthalene
Concen: 5.41 ng/ul
RT: 12.42 min Scan# 1672
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:142 Resp: 79124

Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.0	109.4
116	3.4	3.0	4.6

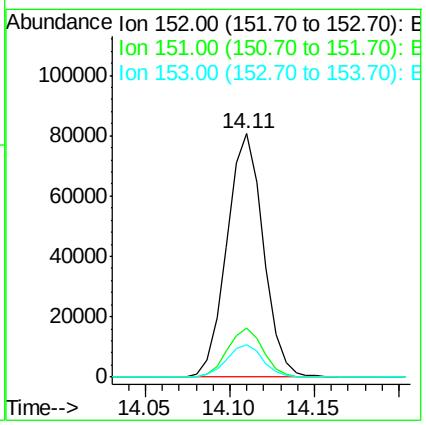


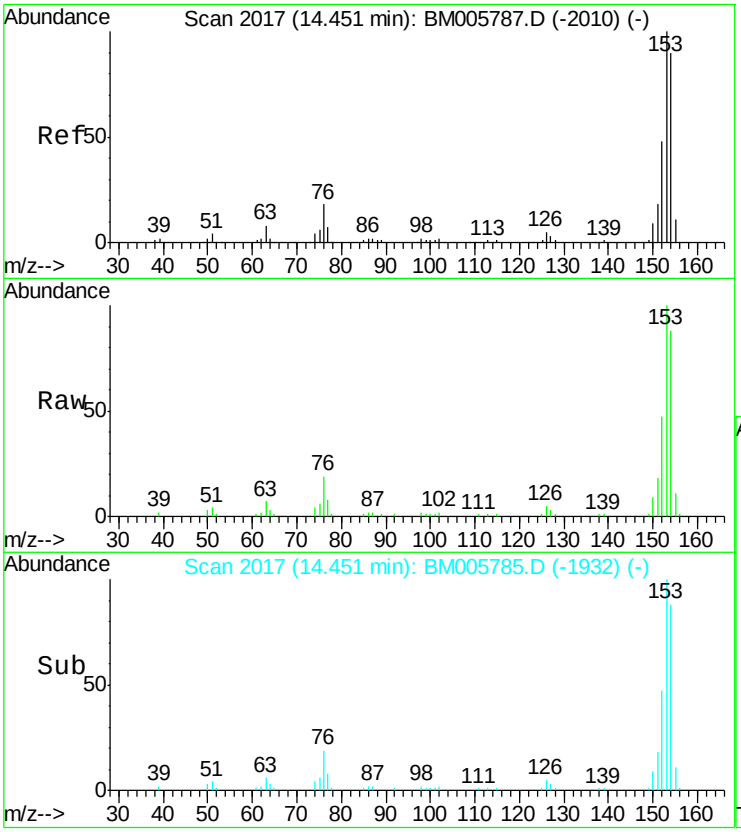


#18
Acenaphthylene
Concen: 5.38 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:152 Resp: 121344

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.2	10.3	15.5



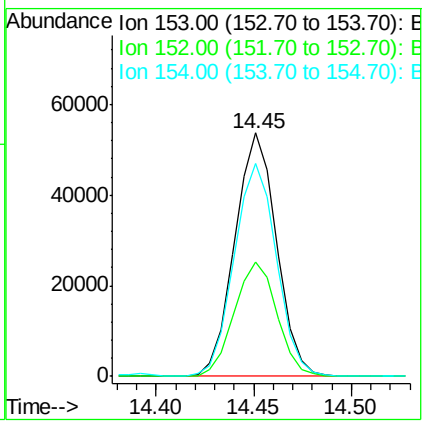


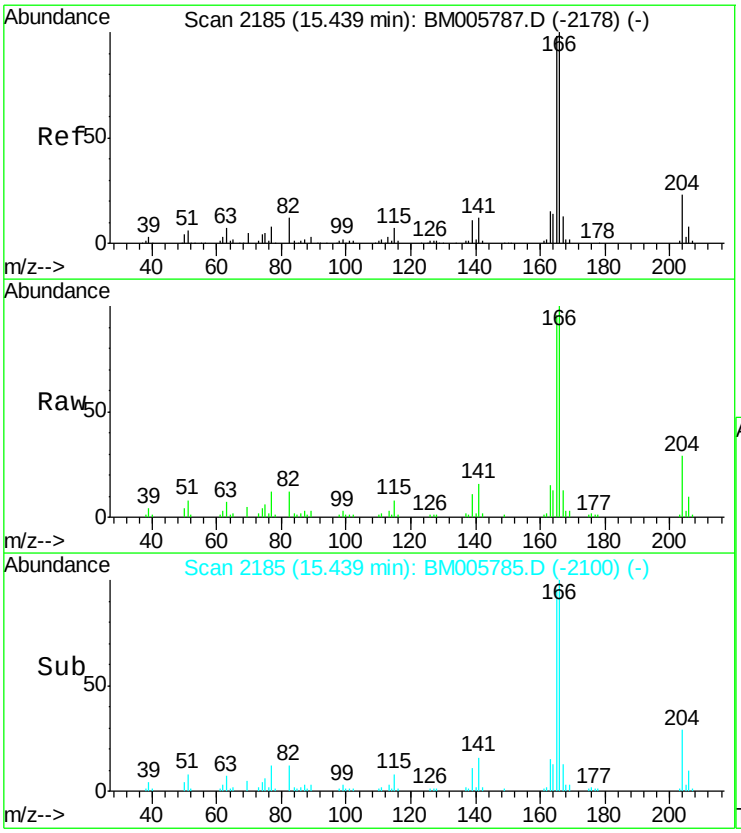
#19
Acenaphthene
Concen: 5.42 ng/ul
RT: 14.45 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:153 Resp: 79589

Ion	Ratio	Lower	Upper
153	100		
152	47.0	38.1	57.1
154	87.5	71.6	107.4

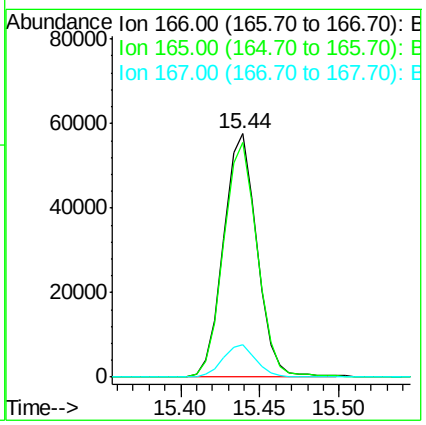


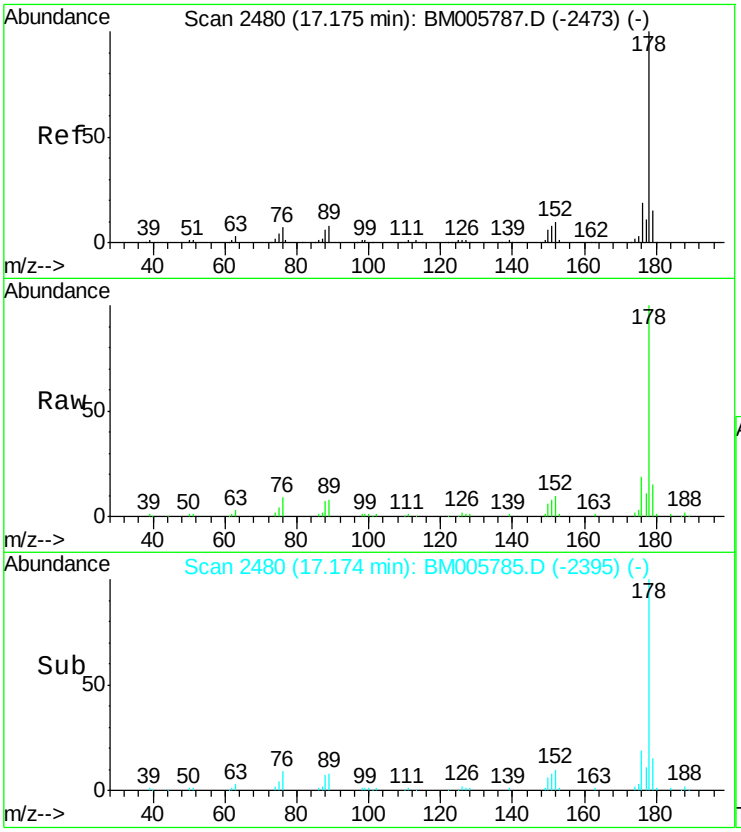


#22
Fluorene
Concen: 5.12 ng/ul
RT: 15.44 min Scan# 2185
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:166 Resp: 84194

Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.4	117.6
167	13.2	10.6	16.0



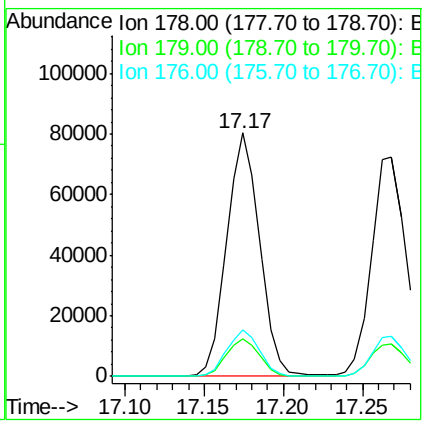


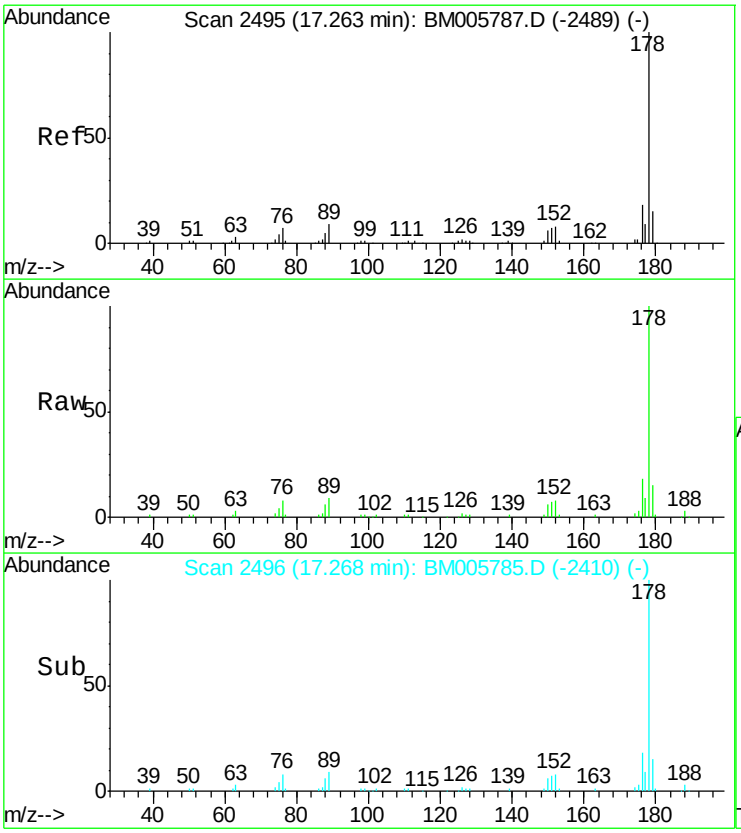
#25
Phenanthrene
Concen: 5.52 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:178 Resp: 115980

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.3	15.3	22.9

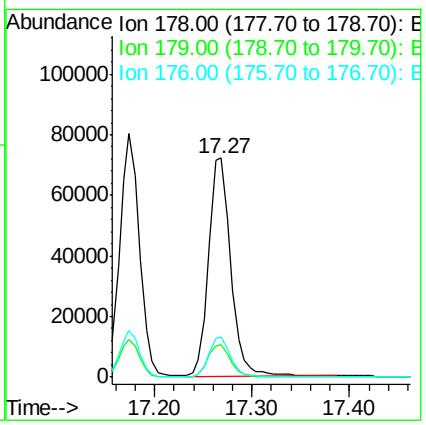


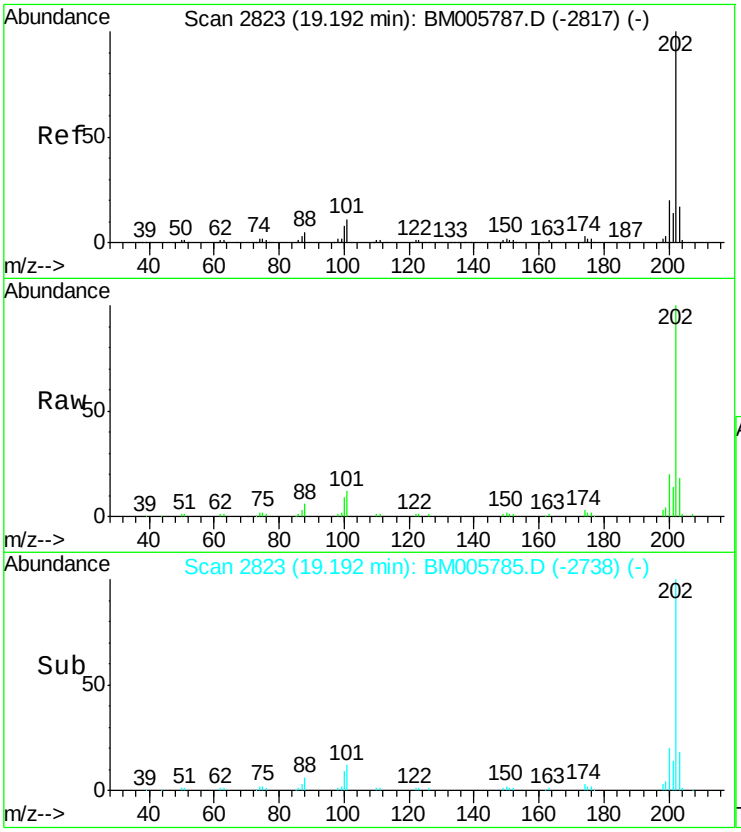


#27
Anthracene
Concen: 5.39 ng/ul
RT: 17.27 min Scan# 2496
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:178 Resp: 114371

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.3	18.5
176	18.2	14.6	22.0



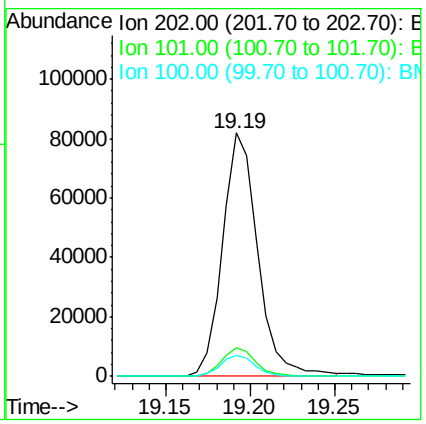


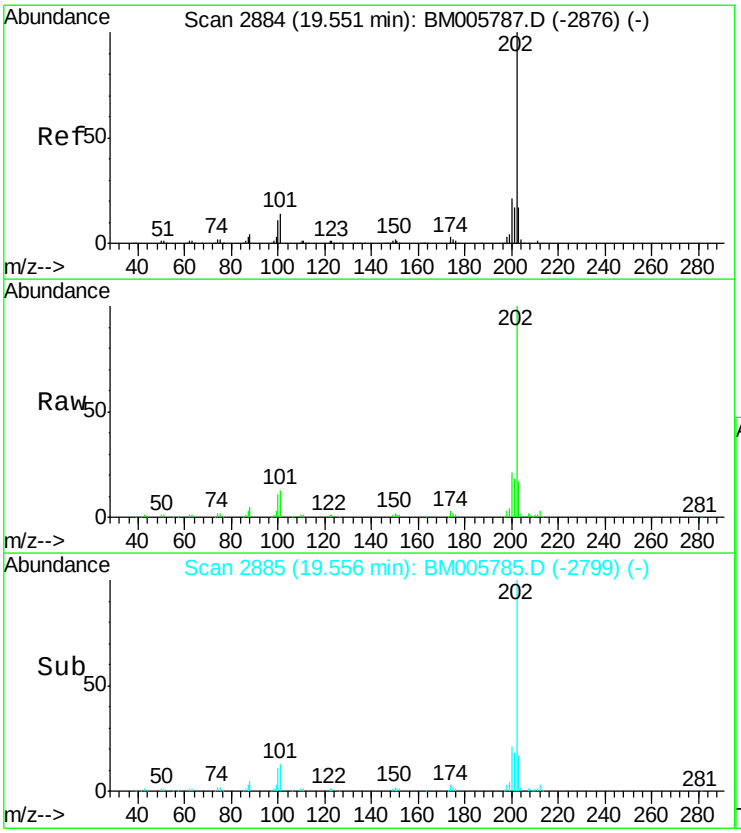
#28
Fluoranthene
Concen: 4.86 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:202 Resp: 118370

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.5	12.7
100	8.7	6.5	9.7

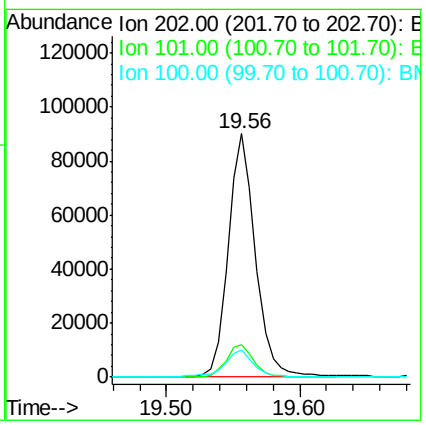


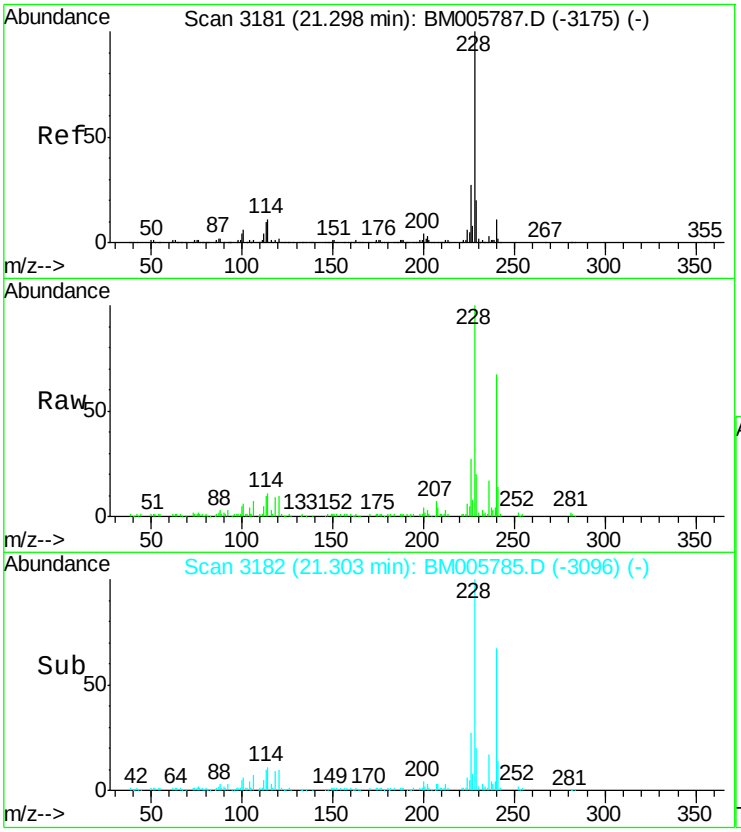


#31
Pyrene
Concen: 5.12 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:202 Resp: 127974

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



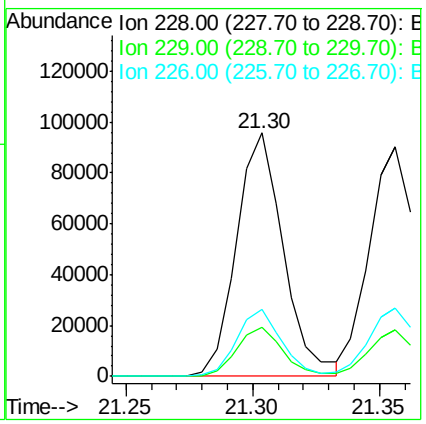


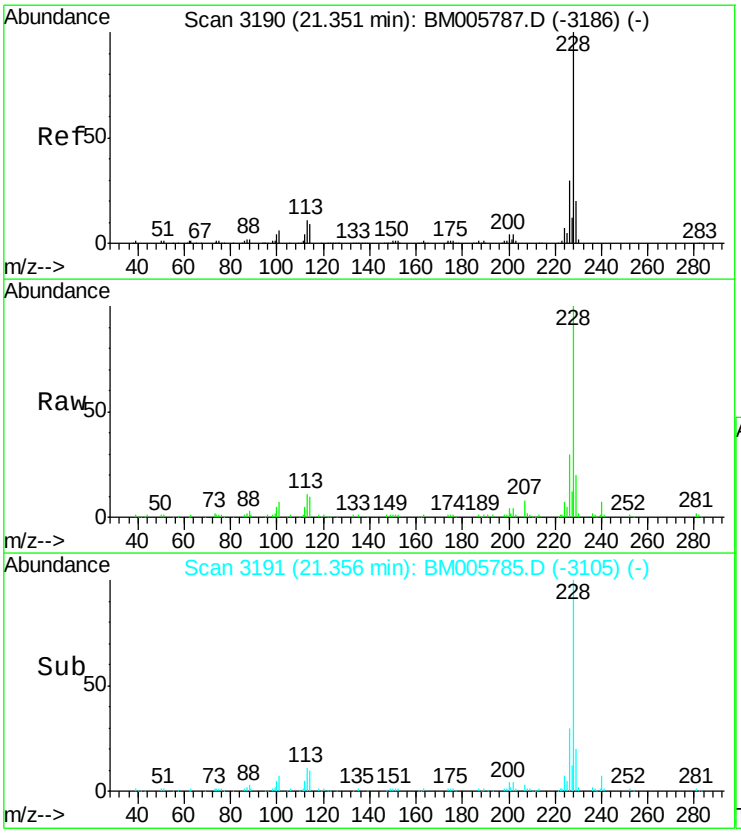
#32
Benzo(a)anthracene
Concen: 5.18 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:228 Resp: 123626

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	27.4	21.6	32.4

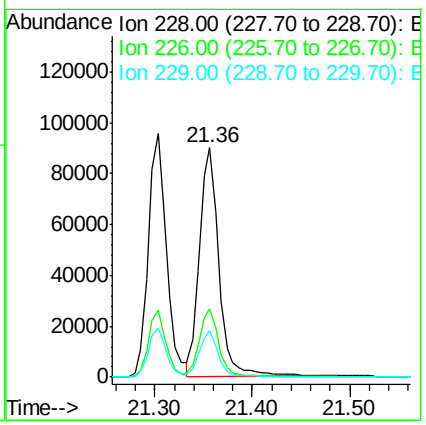


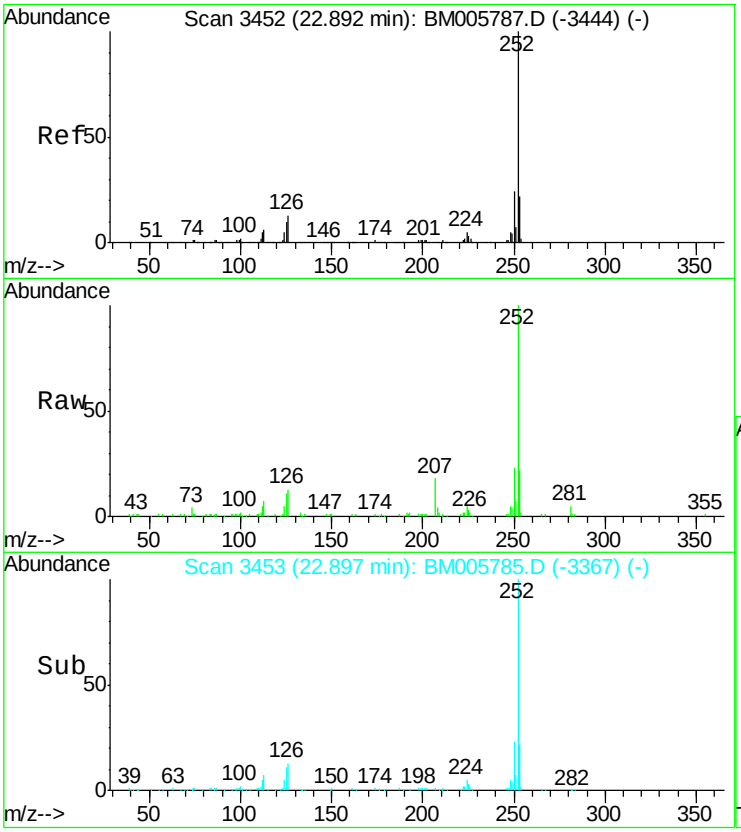


#33
Chrysene
Concen: 5.35 ng/ul
RT: 21.36 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:228 Resp: 125052

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	20.4	15.8	23.6



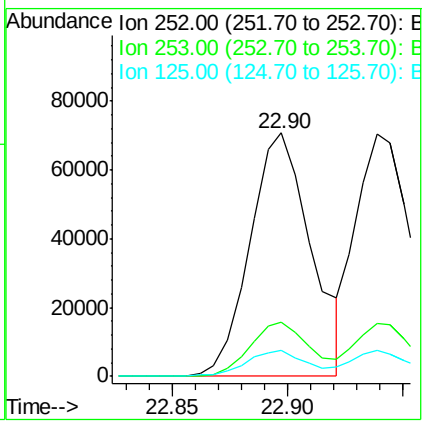


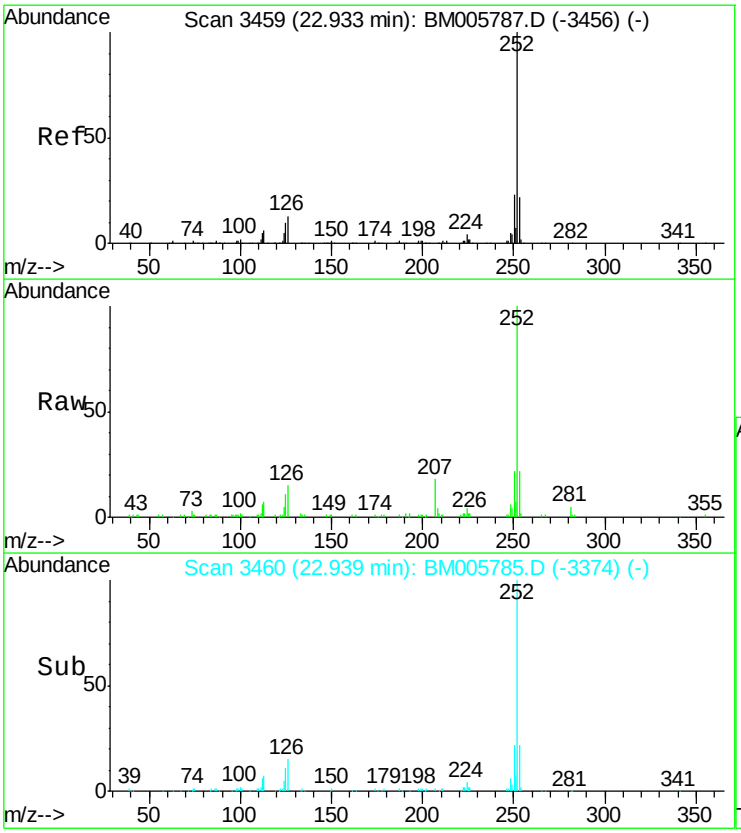
#35
Benzo(b)fluoranthene
Concen: 5.18 ng/ul
RT: 22.90 min Scan# 3453
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:252 Resp: 129749

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.6	7.8	11.6

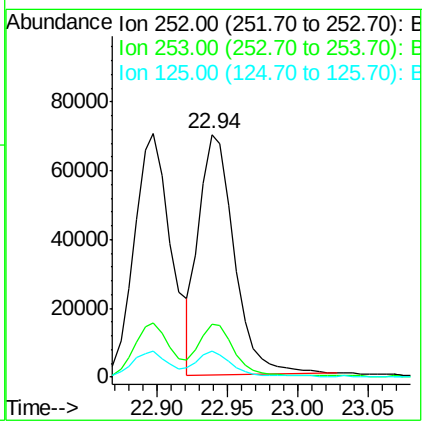


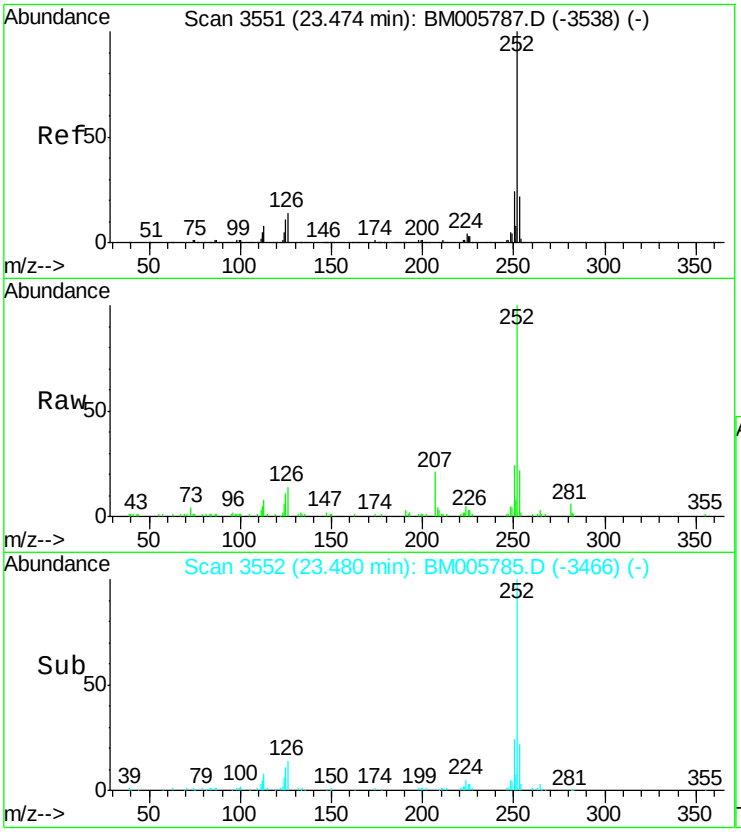


#36
Benzo(k)fluoranthene
Concen: 4.96 ng/ul
RT: 22.94 min Scan# 3460
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:252 Resp: 122028

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	10.5	8.1	12.1



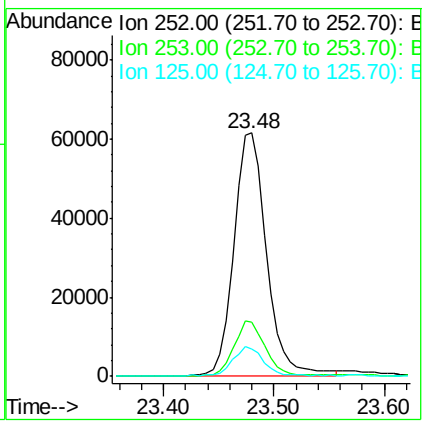


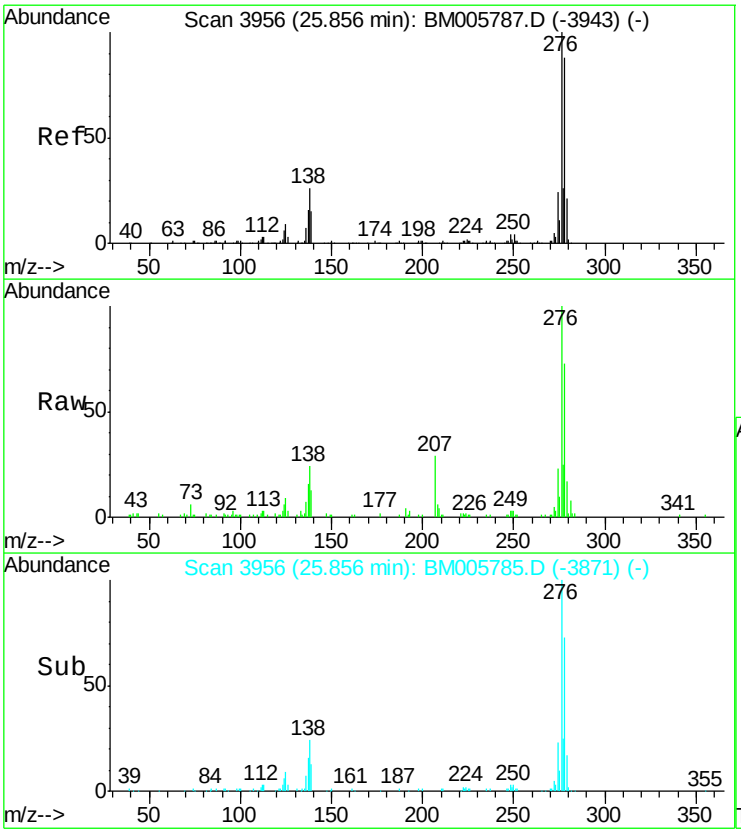
#38
Benzo(a)pyrene
Concen: 5.43 ng/ul
RT: 23.48 min Scan# 3552
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:252 Resp: 128474

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.2	8.7	13.1

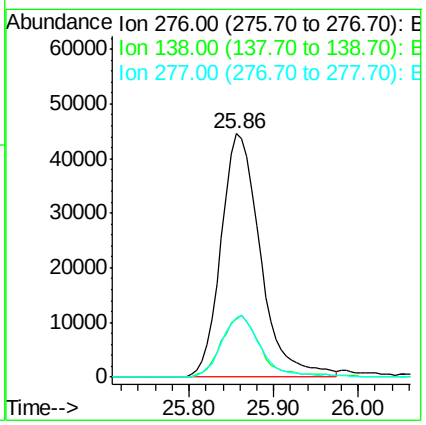


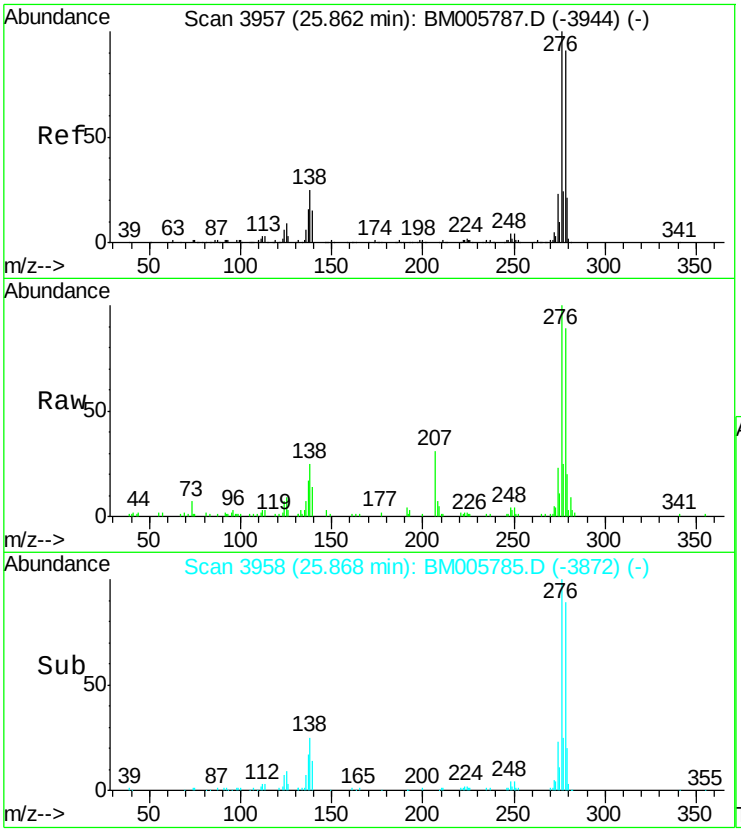


#39
Indeno(1,2,3-cd)pyrene
Concen: 6.00 ng/ul
RT: 25.86 min Scan# 3956
Delta R.T. -0.00 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:276 Resp: 143830

Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.4	30.6
277	24.5	20.6	30.8



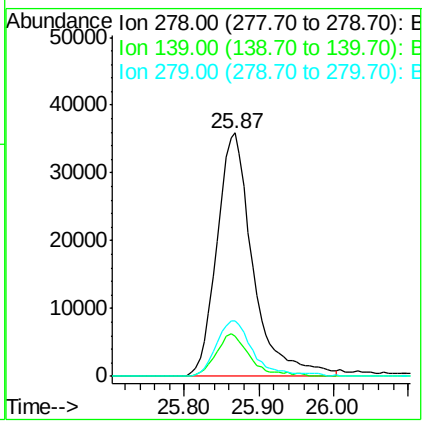


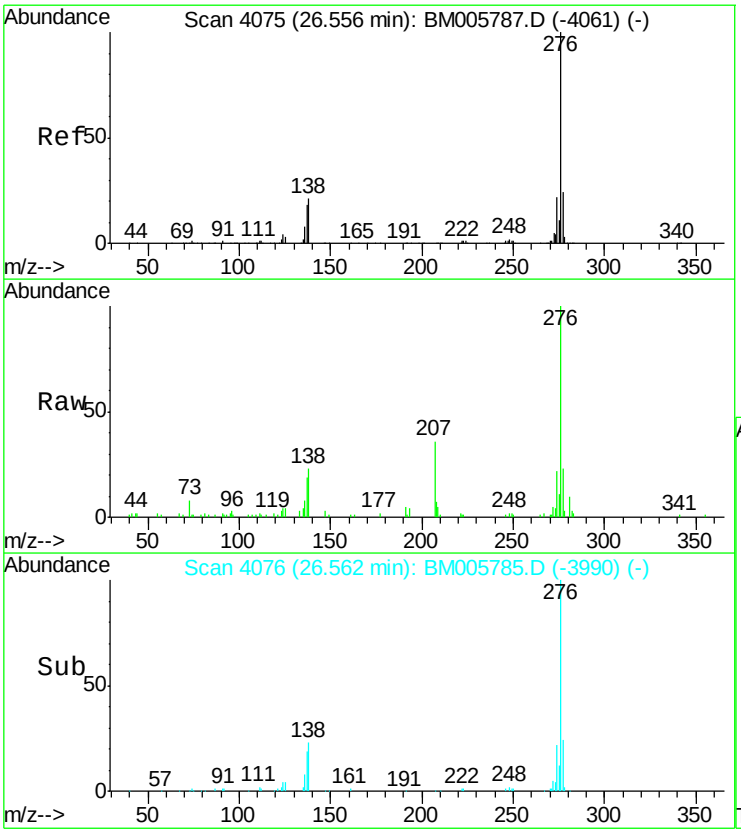
#40
Dibenzo(a,h)anthracene
Concen: 6.00 ng/ul
RT: 25.87 min Scan# 3958
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Instrument :
BNA_M
ClientSampleId :
SSTD00534

Tgt Ion:278 Resp: 120503

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.0	19.4
279	22.9	18.8	28.2





#41
Benzo(g,h,i)perylene
Concen: 6.06 ng/ul
RT: 26.56 min Scan# 4076
Delta R.T. 0.01 min
Lab File: BM005785.D
Acq: 14 Jun 2016 15:14

Tgt Ion:276 Resp: 123098

Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.6	25.0
277	23.4	18.9	28.3