Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006628.D
Acq On : 22 Jul 2016 17:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Quant Time: Jul 23 00:18:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	163944	20.00	ng/ul	0.00
7) Naphthalene-d8	10.40	136	697872	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	386312	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	847338	20.00	ng/ul	0.00
29) Chrysene-d12	21.22	240	896672	20.00	ng/ul	0.00
34) Perylene-d12	23.43	264	946098	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	31284	7.72	ng/uL	0.00
3) Phenol-d5	6.80	99	292644	20.98	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.96	67	183060	21.19	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	231995	20.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	227386	21.02	ng/ul	0.00
8) Nitrobenzene-d5	8.78	128	111365	21.08	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	119068	21.20	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	216241	20.37	ng/ul	0.00
12) 4-Chloroaniline-d4	10.54	131	293445	25.10	ng/ul	0.00
16) Dimethylphthalate-d6	13.68	166	592537	19.56	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	790082	20.44	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	103757	19.72	ng/ul	0.00
21) Fluorene-d10	15.27	176	532920	19.67	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	64447	14.65	ng/ul	0.00
26) Anthracene-d10	17.12	188	812512	20.20	ng/ul	0.00
30) Pyrene-d10	19.42	212	887159	21.71	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.29	264	886268	20.37	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.45	128	716084	19.90	ng/ul	98
13) 2-Methylnaphthalene	12.07	142	513986	19.46	ng/ul	97
14) 1-Methylnaphthalene	12.29	142	495769	19.68	ng/ul#	95
18) Acenaphthylene	13.99	152	833132	20.12	ng/ul	97
19) Acenaphthene	14.33	153	524135	19.70	ng/ul	95
22) Fluorene	15.33	166	592443	19.76	ng/ul	96
25) Phenanthrene	17.06	178	938347	19.69	ng/ul	98
27) Anthracene	17.16	178	984636	20.07	ng/ul	98
28) Fluoranthene	19.09	202	1108509	19.80	ng/ul	99
31) Pyrene	19.45	202	1153141	21.24	ng/ul	97
32) Benzo(a)anthracene	21.21	228	1103089	20.30	ng/ul	98
33) Chrysene	21.26	228	1025506	20.47	ng/ul	99
35) Benzo(b)fluoranthene	22.77	252	1184441	20.88	ng/ul	99
36) Benzo(k)fluoranthene	22.81	252	1054471	19.23	ng/ul	99
38) Benzo(a)pyrene	23.33	252	1109960	20.11	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.63	276	1303359	20.39	ng/ul	95
40) Dibenzo(a,h)anthracene	25.64	278	1092042	20.61	ng/ul	99
41) Benzo(g,h,i)perylene	26.31	276	1113644	20.32	ng/ul	96

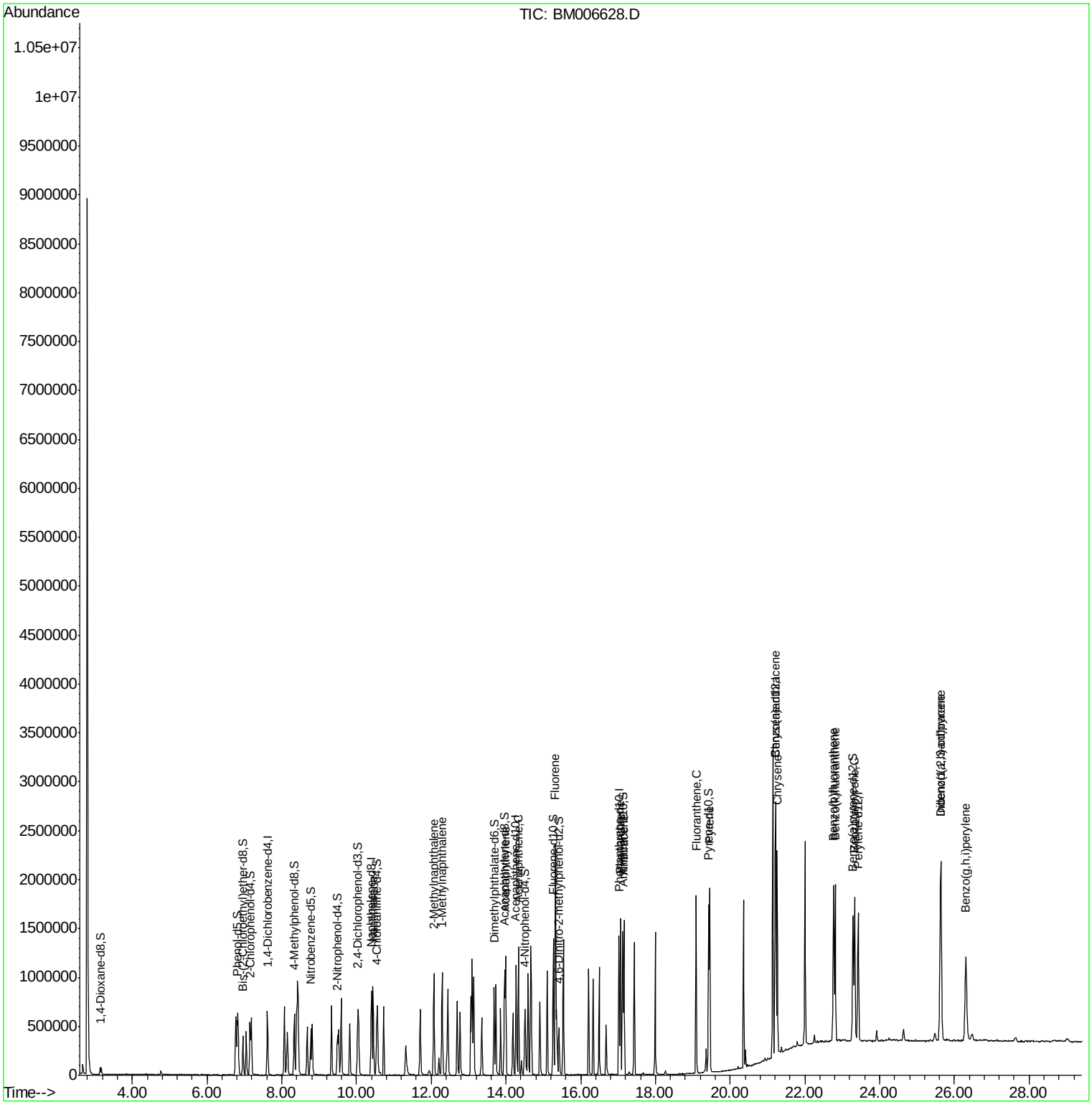
(#) = qualifier out of range (m) = manual integration (+) = signals summed

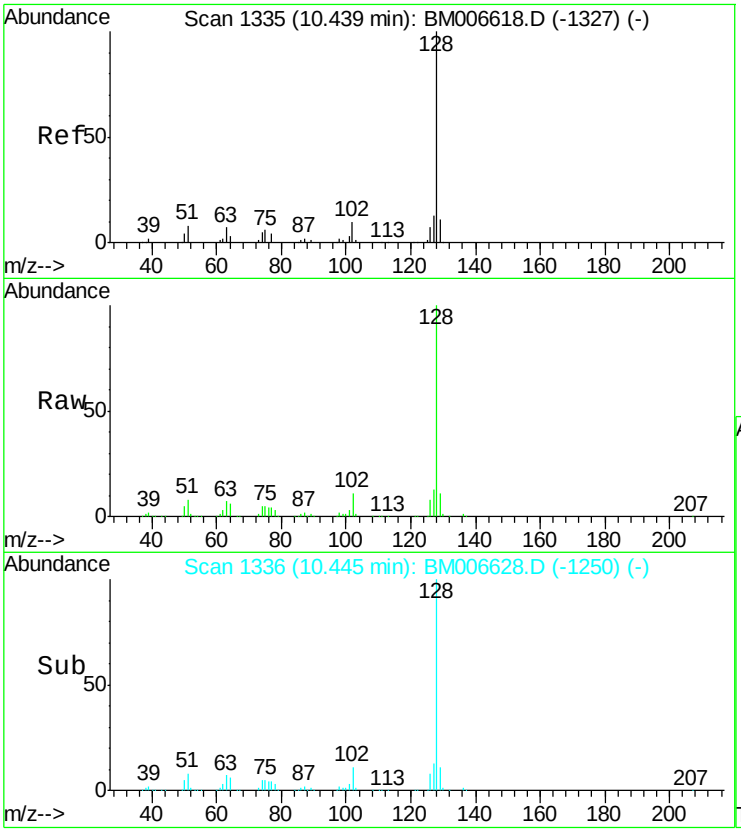
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006628.D
Acq On : 22 Jul 2016 17:20
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Quant Time: Jul 23 00:18:15 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration



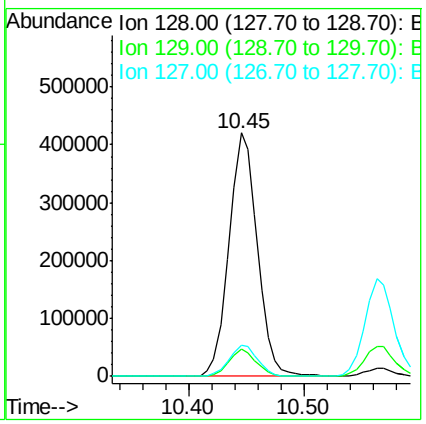


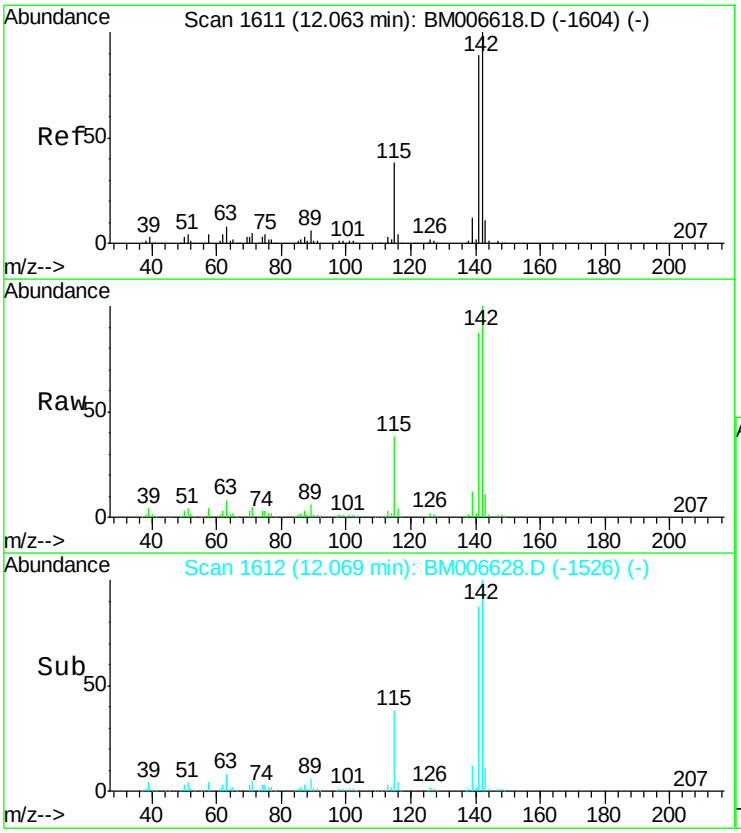
#11
Naphthalene
Concen: 19.90 ng/ul
RT: 10.45 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:128 Resp: 716084

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.3	12.5
127	12.6	10.8	16.2

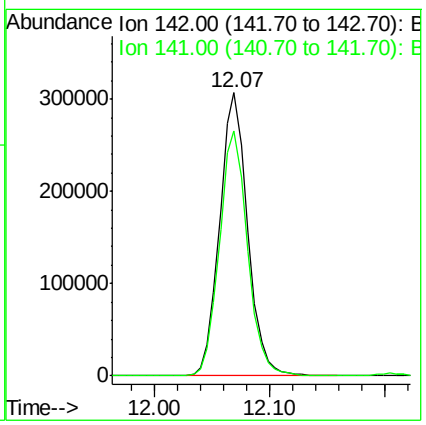


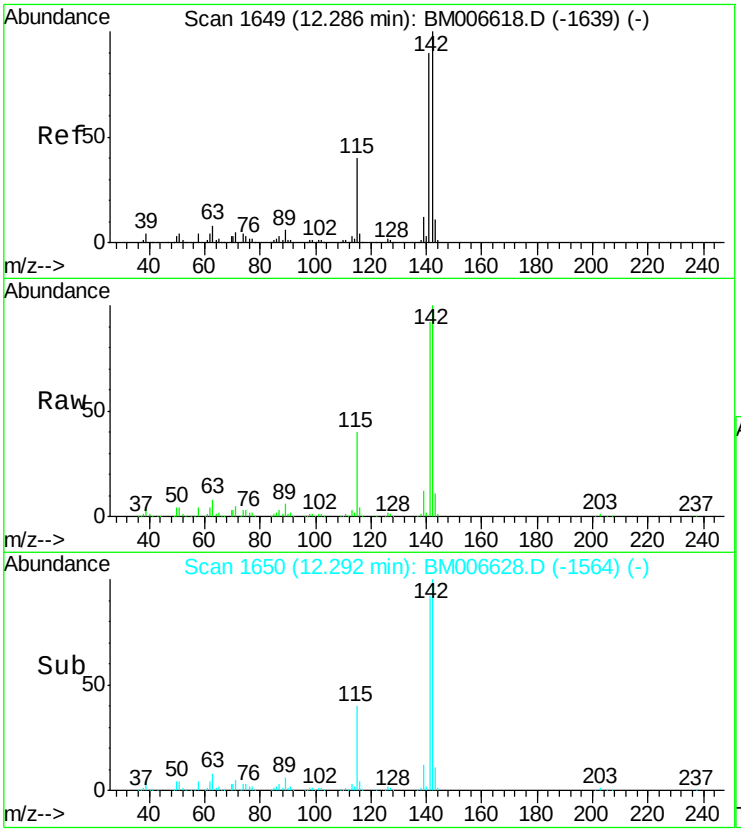


#13
2-Methylnaphthalene
Concen: 19.46 ng/ul
RT: 12.07 min Scan# 1612
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:142 Resp: 513986

Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.3	106.9



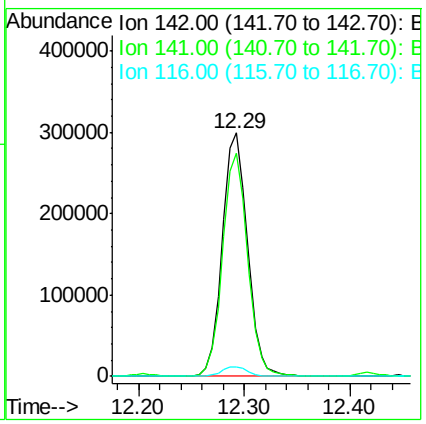


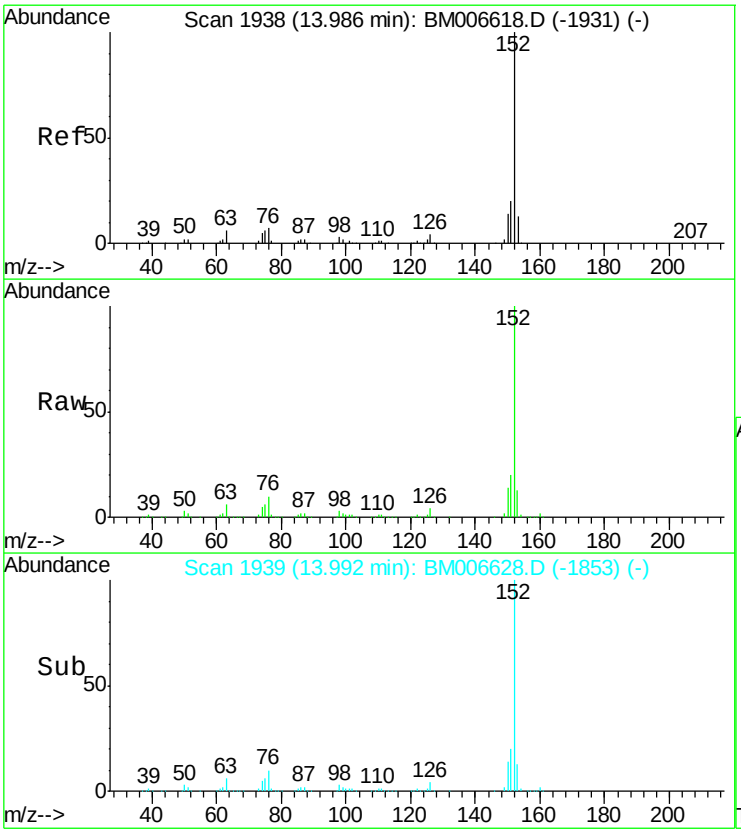
#14
1-Methylnaphthalene
Concen: 19.68 ng/ul
RT: 12.29 min Scan# 1650
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:142 Resp: 495769

Ion	Ratio	Lower	Upper
142	100		
141	91.5	77.0	115.4
116	4.1	4.2	6.4#

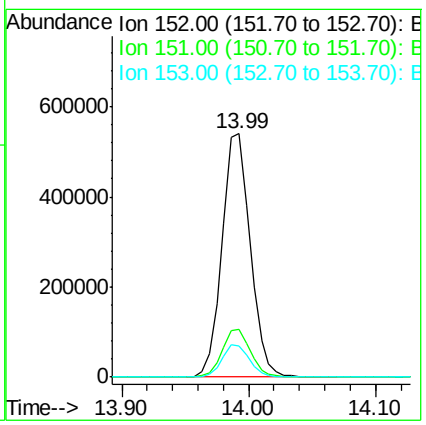


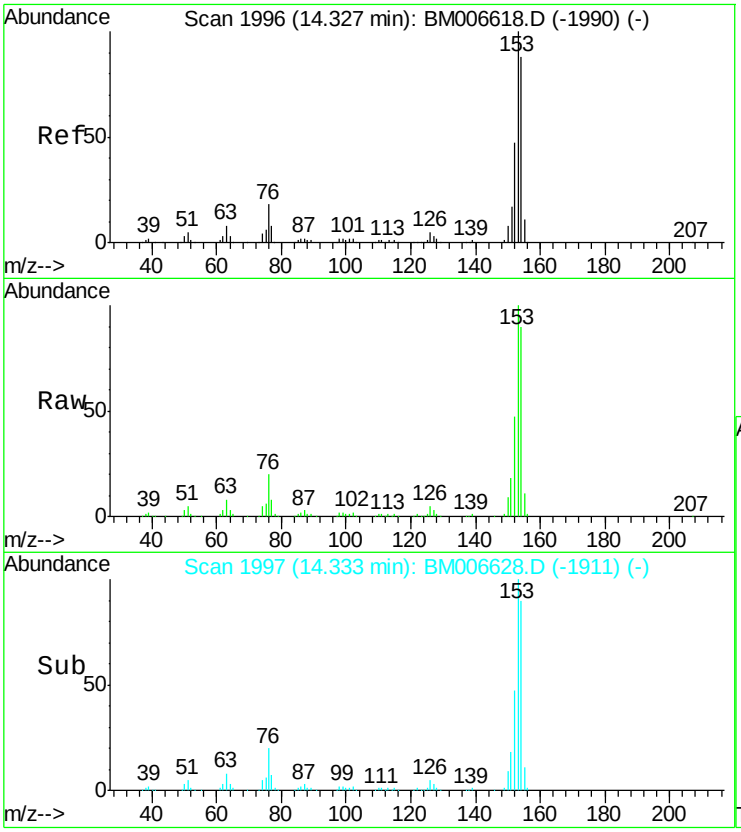


#18
Acenaphthylene
Concen: 20.12 ng/ul
RT: 13.99 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:152 Resp: 833132

Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.3	25.9
153	12.8	11.1	16.7



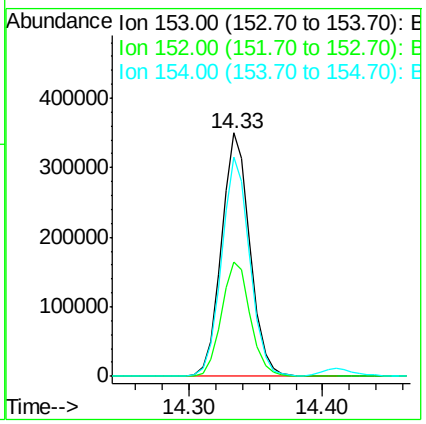


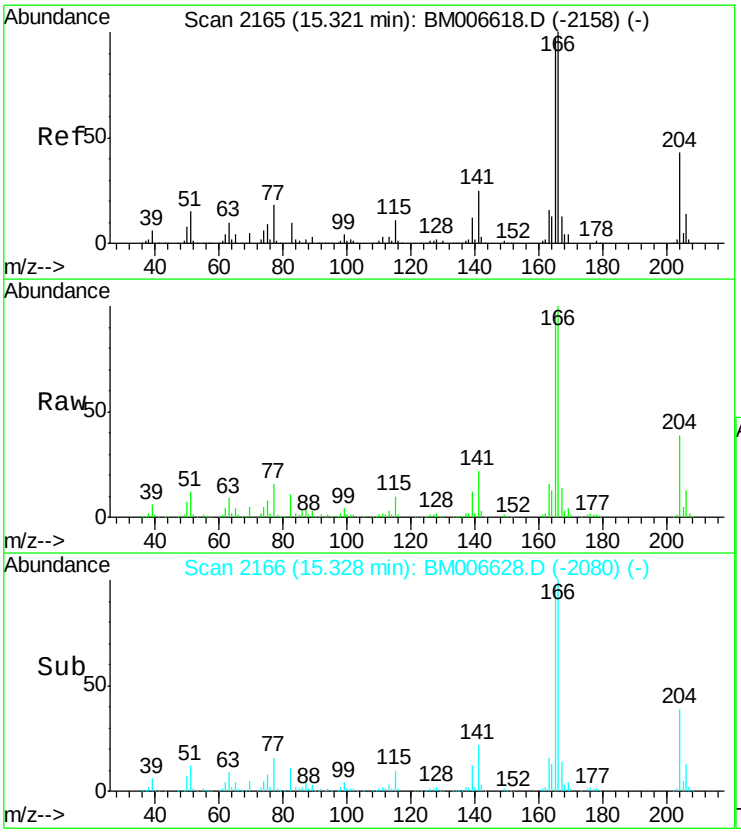
#19
Acenaphthene
Concen: 19.70 ng/ul
RT: 14.33 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:153 Resp: 524135

Ion	Ratio	Lower	Upper
153	100		
152	47.1	36.5	54.7
154	90.3	67.3	100.9

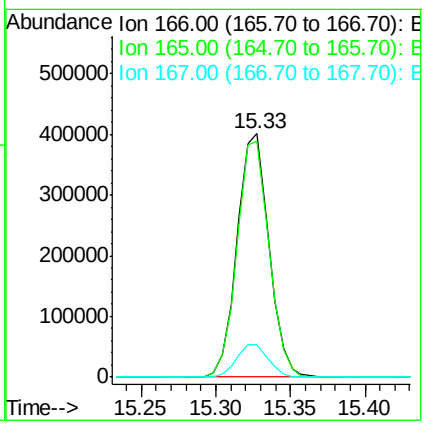


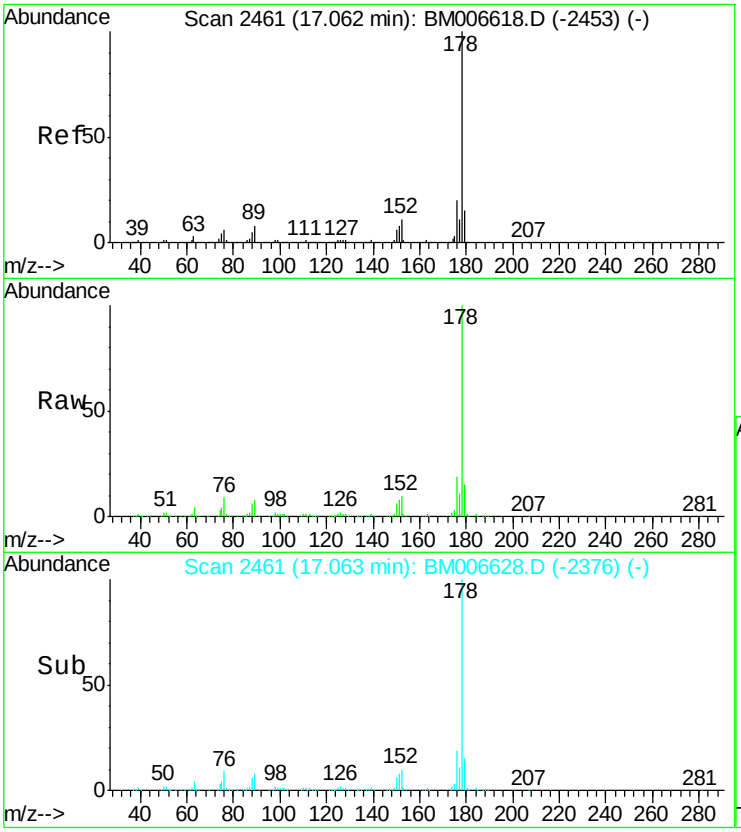


#22
Fluorene
Concen: 19.76 ng/ul
RT: 15.33 min Scan# 2166
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:166 Resp: 592443

Ion	Ratio	Lower	Upper
166	100		
165	97.1	81.1	121.7
167	13.6	10.6	16.0



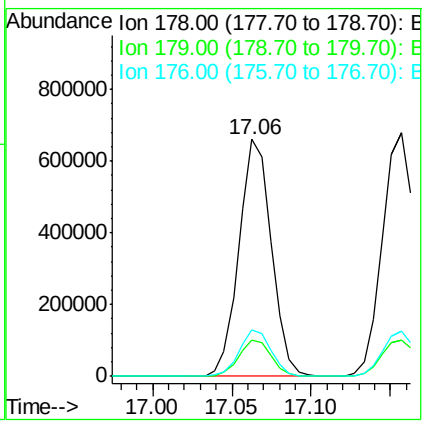


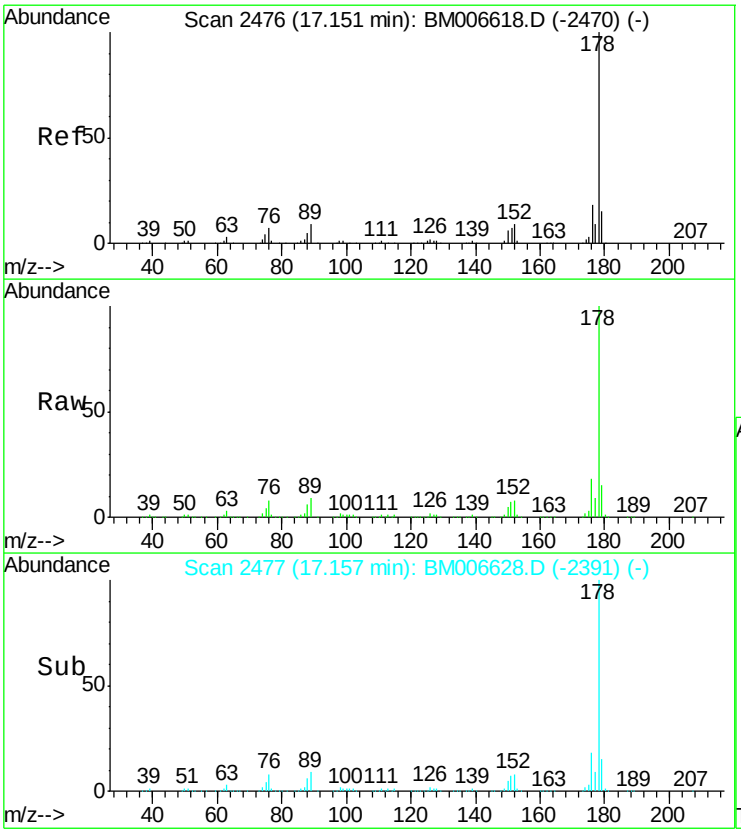
#25
Phenanthrene
Concen: 19.69 ng/ul
RT: 17.06 min Scan# 2461
Delta R.T. 0.00 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:178 Resp: 938347

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.4	14.8	22.2

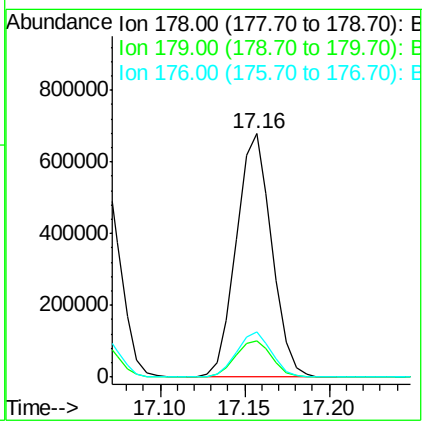


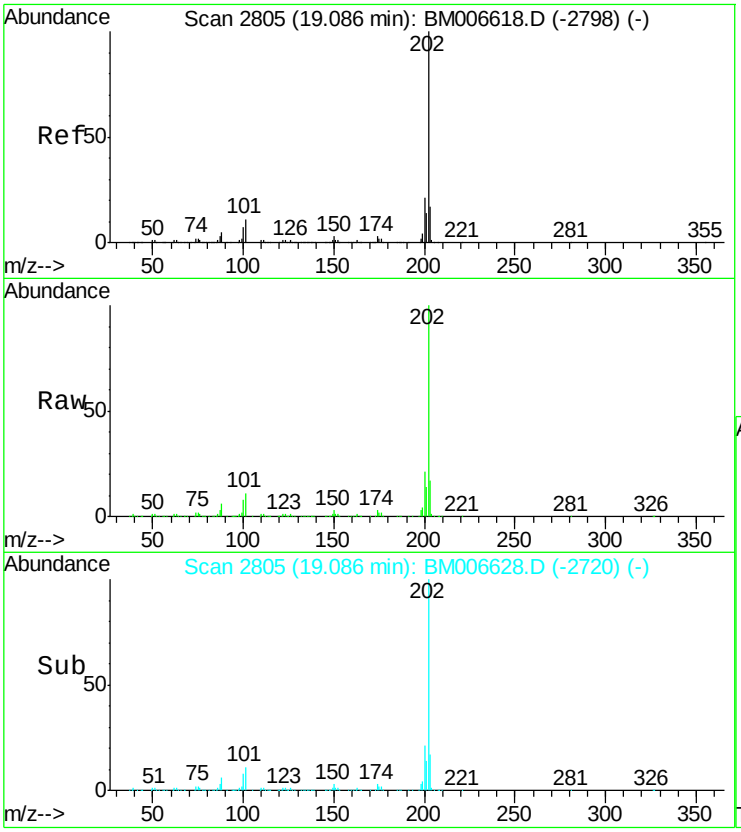


#27
Anthracene
Concen: 20.07 ng/ul
RT: 17.16 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:178 Resp: 984636

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.9	19.3
176	18.5	15.6	23.4



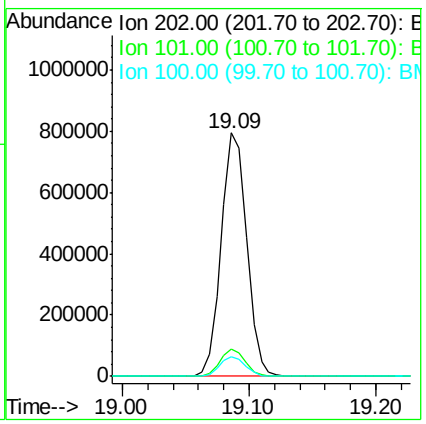


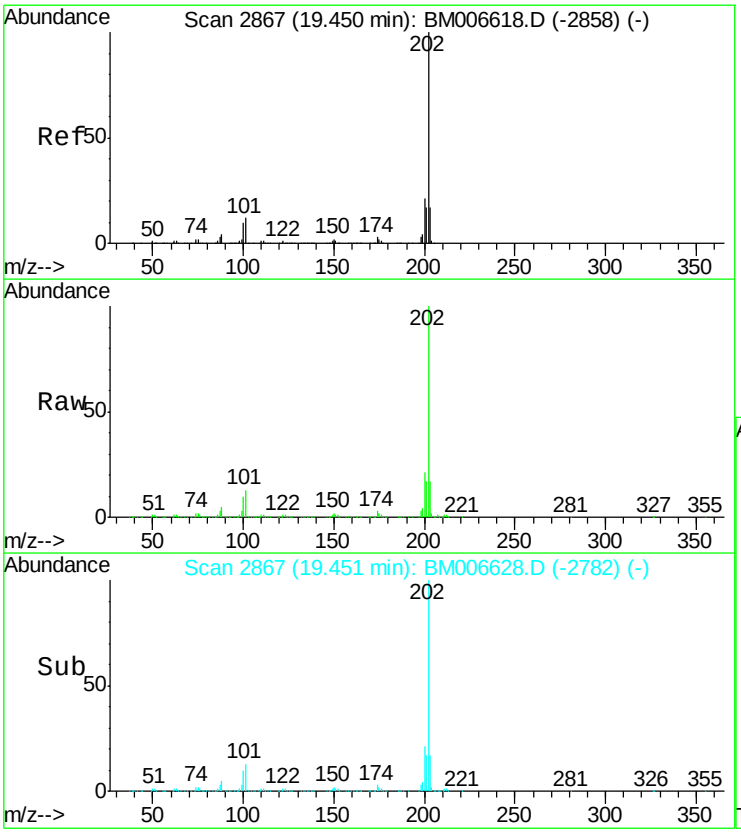
#28
Fluoranthene
Concen: 19.80 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:202 Resp: 1108509

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
100	8.1	7.0	10.4

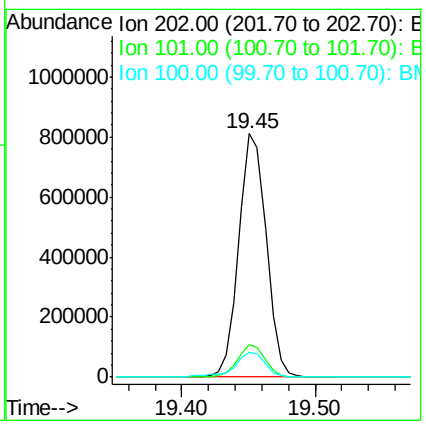


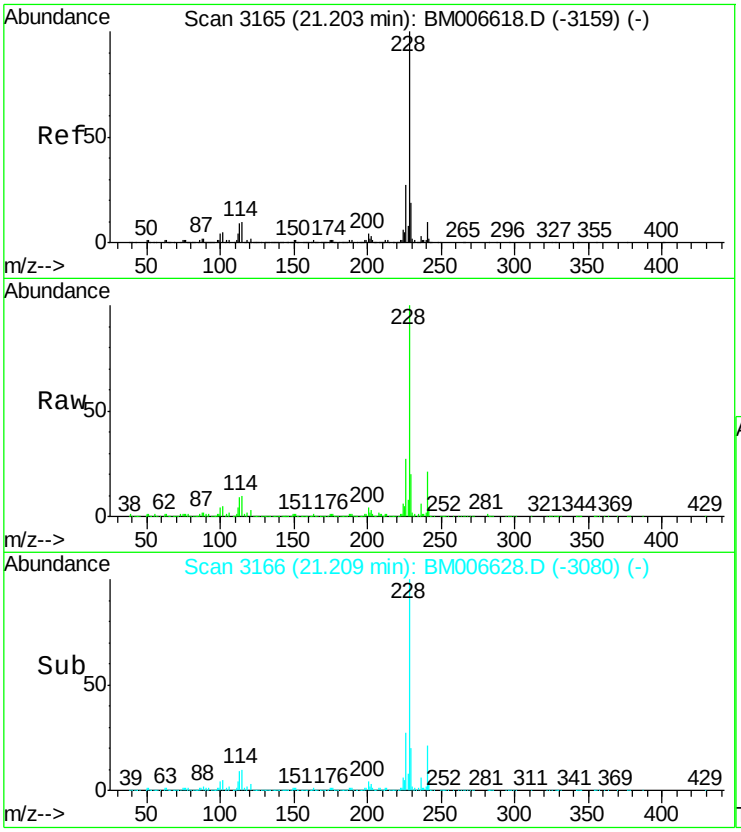


#31
Pyrene
Concen: 21.24 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:202 Resp: 1153141

Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.8	14.8
100	10.3	9.3	13.9



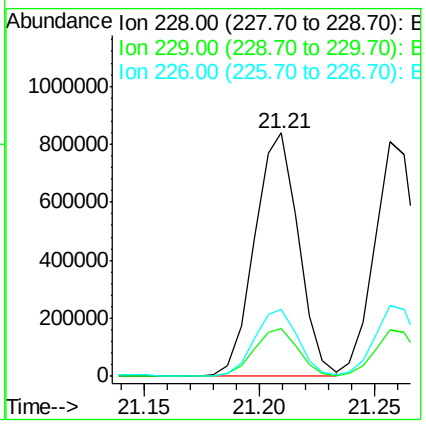


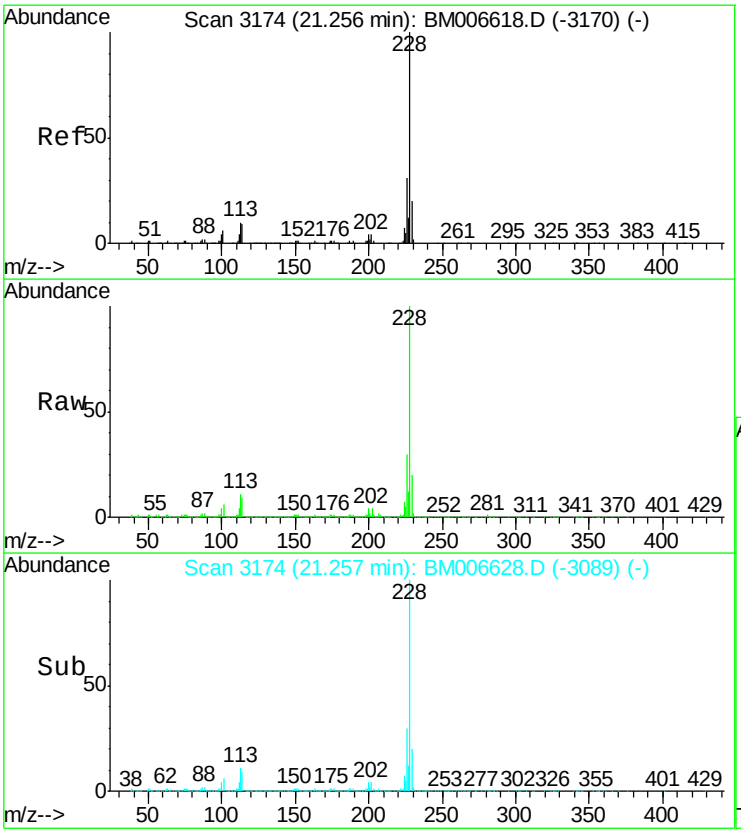
#32
Benzo(a)anthracene
Concen: 20.30 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:228 Resp: 1103089

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	27.3	21.0	31.4

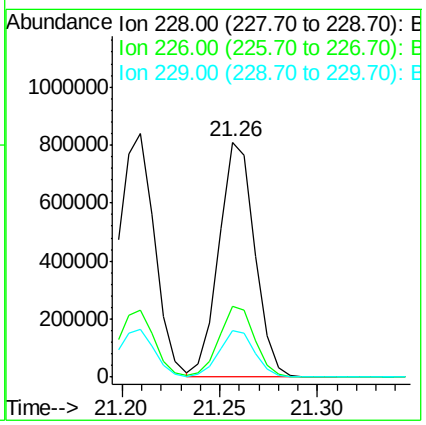


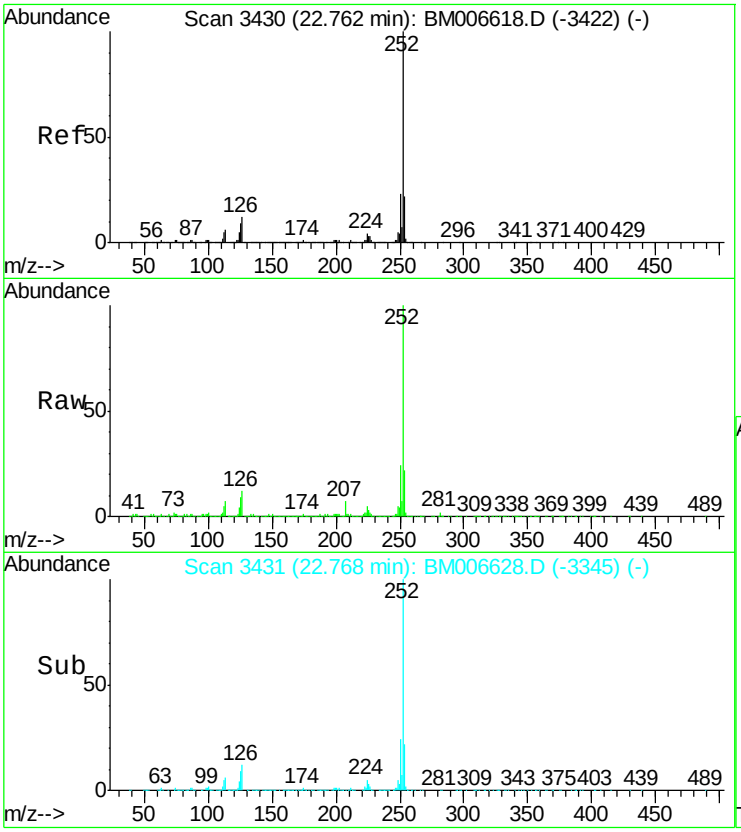


#33
Chrysene
Concen: 20.47 ng/ul
RT: 21.26 min Scan# 3174
Delta R.T. 0.00 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:228 Resp: 1025506

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	19.8	16.2	24.2



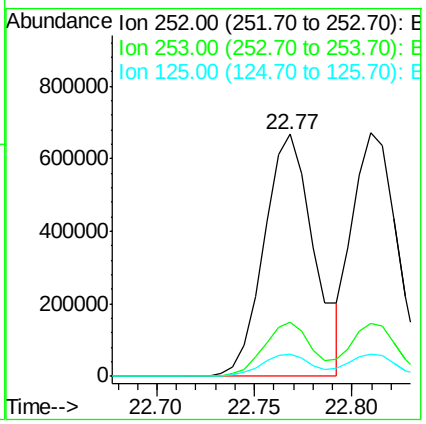


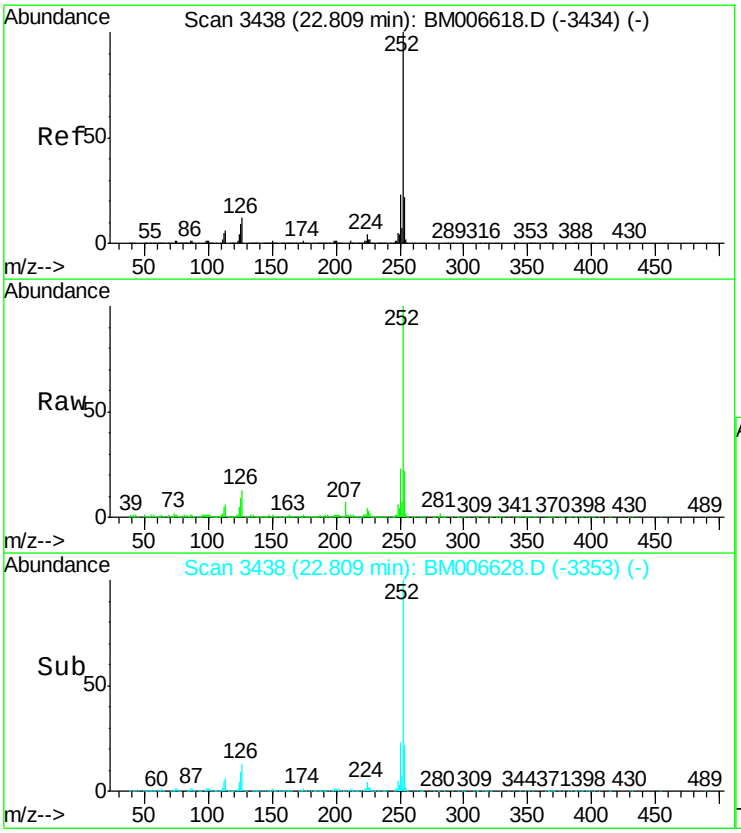
#35
Benzo(b)fluoranthene
Concen: 20.88 ng/ul
RT: 22.77 min Scan# 3431
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:252 Resp: 1184441

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.2	7.6	11.4

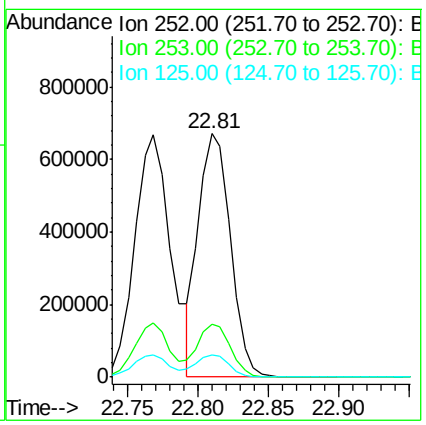


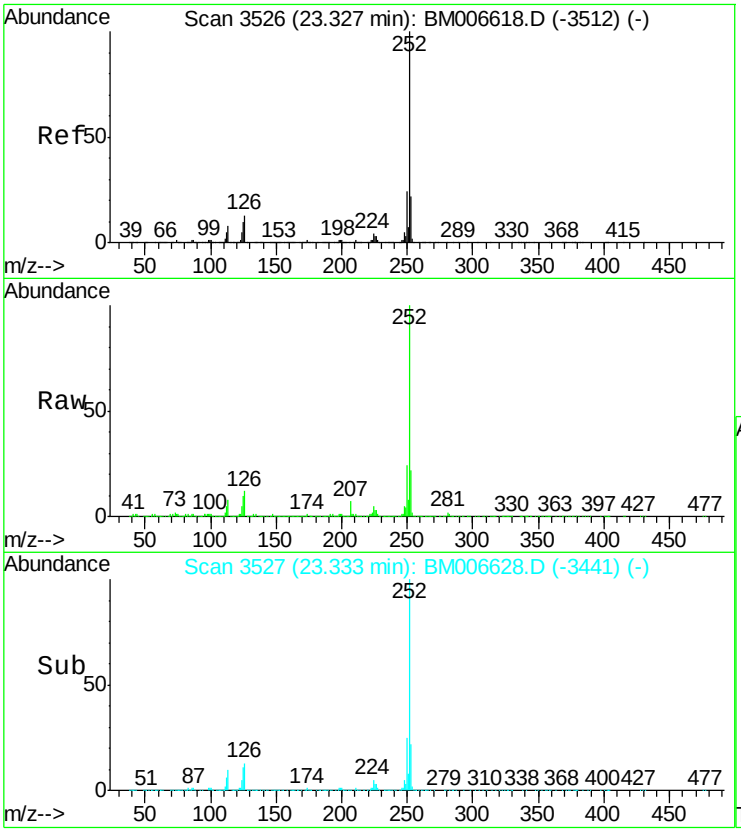


#36
Benzo(k)fluoranthene
Concen: 19.23 ng/ul
RT: 22.81 min Scan# 3438
Delta R.T. 0.00 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:252 Resp: 1054471

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.2	7.7	11.5



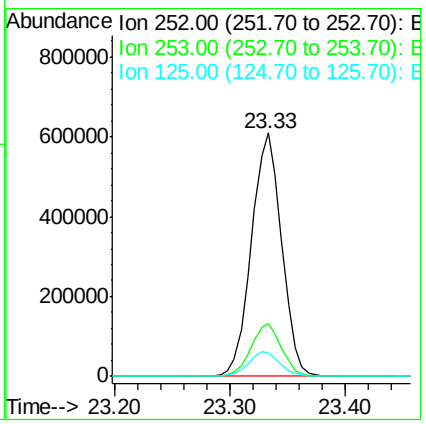


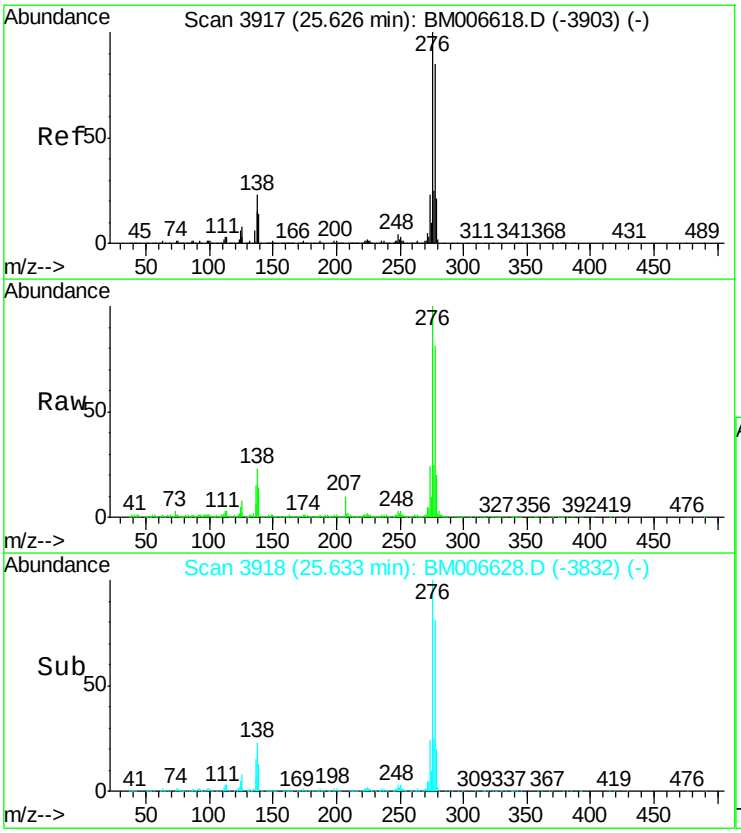
#38
Benzo(a)pyrene
Concen: 20.11 ng/ul
RT: 23.33 min Scan# 3527
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:252 Resp: 1109960

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.0
125	9.7	8.2	12.2

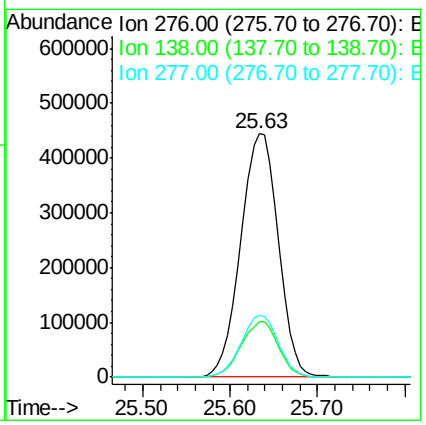


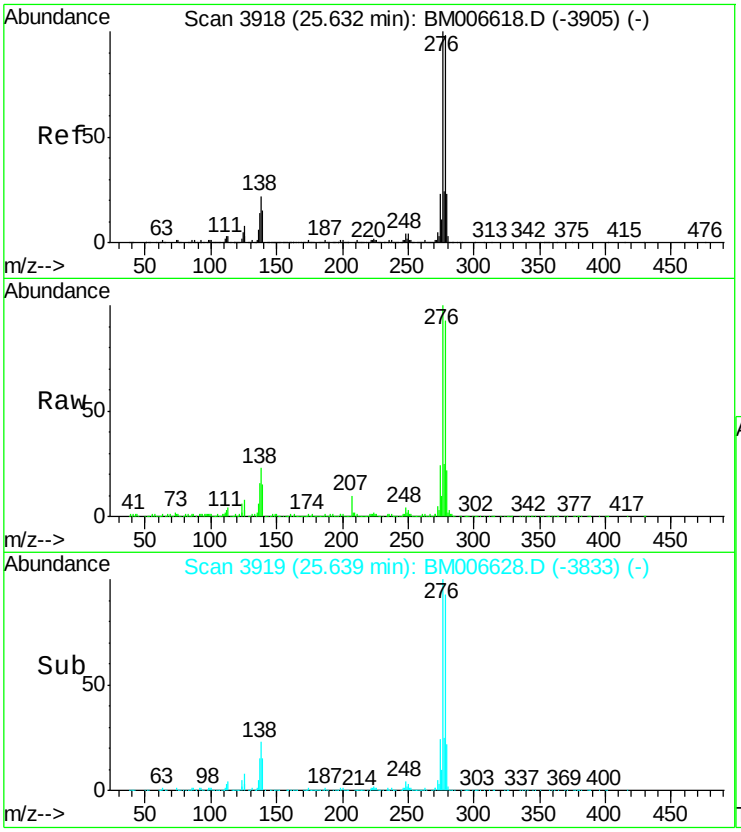


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.39 ng/ul
RT: 25.63 min Scan# 3918
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:276 Resp: 1303359

Ion	Ratio	Lower	Upper
276	100		
138	22.8	15.8	23.6
277	25.2	19.0	28.6



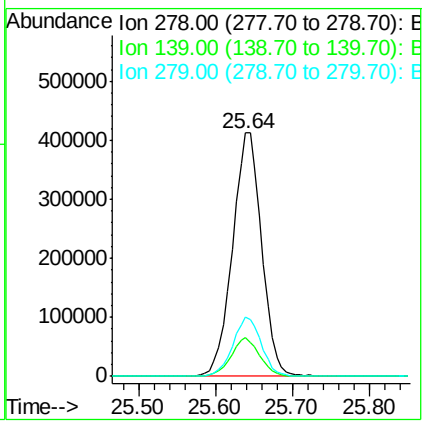


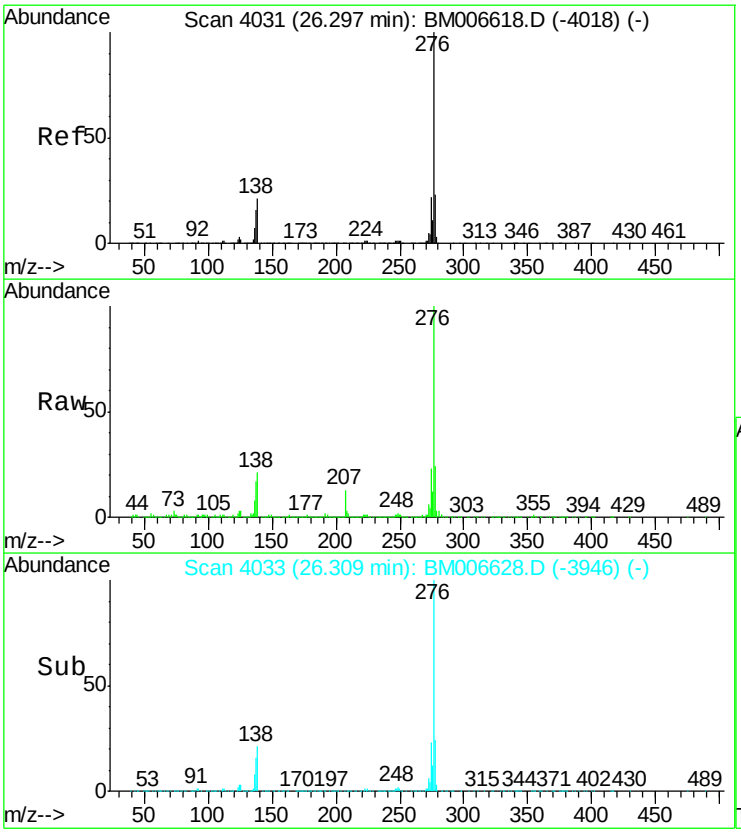
#40
Dibenzo(a,h)anthracene
Concen: 20.61 ng/ul
RT: 25.64 min Scan# 3919
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Instrument :
BNA_M
ClientSampleId :
SSTD02062

Tgt Ion:278 Resp: 1092042

Ion	Ratio	Lower	Upper
278	100		
139	15.8	12.1	18.1
279	24.2	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.32 ng/ul
RT: 26.31 min Scan# 4033
Delta R.T. 0.01 min
Lab File: BM006628.D
Acq: 22 Jul 2016 17:20

Tgt Ion:276 Resp: 1113644

Ion	Ratio	Lower	Upper
276	100		
138	20.7	13.9	20.9
277	23.9	19.8	29.6