Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072016\
Data File : BM006574.D
Acq On : 21 Jul 2016 03:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02055

Quant Time: Jul 21 03:39:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 01:09:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	142902	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	604769	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	338538	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	754829	20.00	ng/ul	0.00
29) Chrysene-d12	21.21	240	871208	20.00	ng/ul	0.00
34) Perylene-d12	23.41	264	915762	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	27488	7.78	ng/uL	0.00
3) Phenol-d5	6.79	99	250476	20.60	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.95	67	156472	20.78	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	195199	20.09	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	193820	20.56	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	92186	20.14	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	100193	20.58	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	185216	20.13	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	247183	24.40	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	535016	20.16	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	695186	20.52	ng/ul	0.00
20) 4-Nitrophenol-d4	14.48	143	92126	19.98	ng/ul	0.00
21) Fluorene-d10	15.26	176	476670	20.08	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.40	200	76307	19.48	ng/ul	0.00
26) Anthracene-d10	17.02	188	754829	21.06	ng/ul	-0.10
30) Pyrene-d10	19.42	212	810071	20.41	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.27	264	851228	20.21	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.44	128	619241	19.86	ng/ul	99
13) 2-Methylnaphthalene	12.06	142	453995	19.84	ng/ul	99
14) 1-Methylnaphthalene	12.28	142	437685	20.05	ng/ul#	95
18) Acenaphthylene	13.98	152	735209	20.26	ng/ul	97
19) Acenaphthene	14.33	153	467400	20.04	ng/ul	94
22) Fluorene	15.32	166	535186	20.37	ng/ul	95
25) Phenanthrene	17.06	178	865594	20.39	ng/ul	99
27) Anthracene	17.14	178	895423	20.48	ng/ul	98
28) Fluoranthene	19.08	202	1020899	20.47	ng/ul	98
31) Pyrene	19.44	202	1082201	20.51	ng/ul#	96
32) Benzo(a)anthracene	21.20	228	1071816	20.30	ng/ul	99
33) Chrysene	21.24	228	992665	20.39	ng/ul	99
35) Benzo(b)fluoranthene	22.75	252	1078741	19.65	ng/ul	98
36) Benzo(k)fluoranthene	22.79	252	1086554	20.47	ng/ul	99
38) Benzo(a)pyrene	23.31	252	1077445	20.17	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.60	276	1244728	20.12	ng/ul	96
40) Dibenzo(a,h)anthracene	25.61	278	1041986	20.32	ng/ul	98
41) Benzo(g,h,i)perylene	26.27	276	1066224	20.10	ng/ul	96

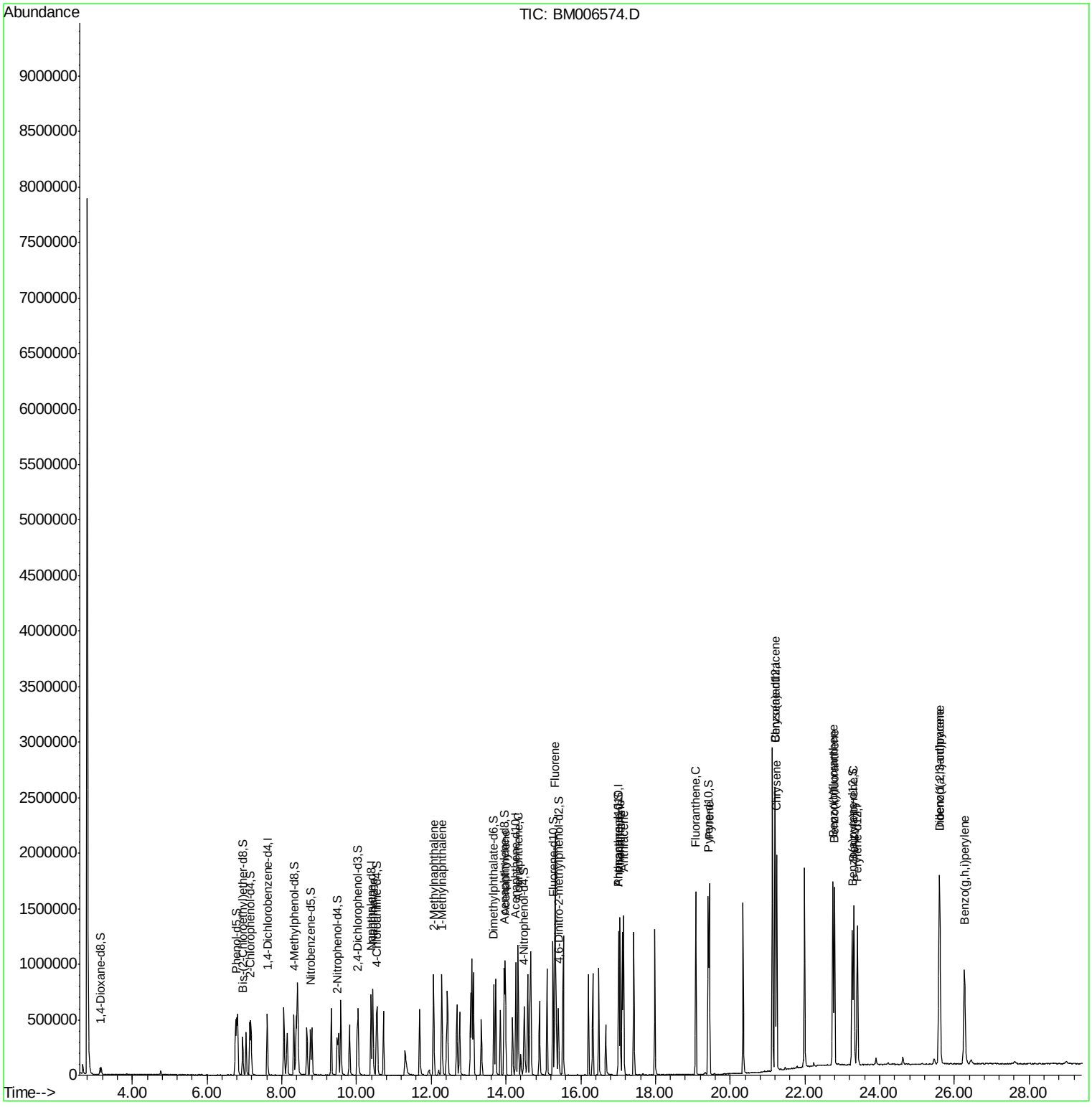
(#) = qualifier out of range (m) = manual integration (+) = signals summed

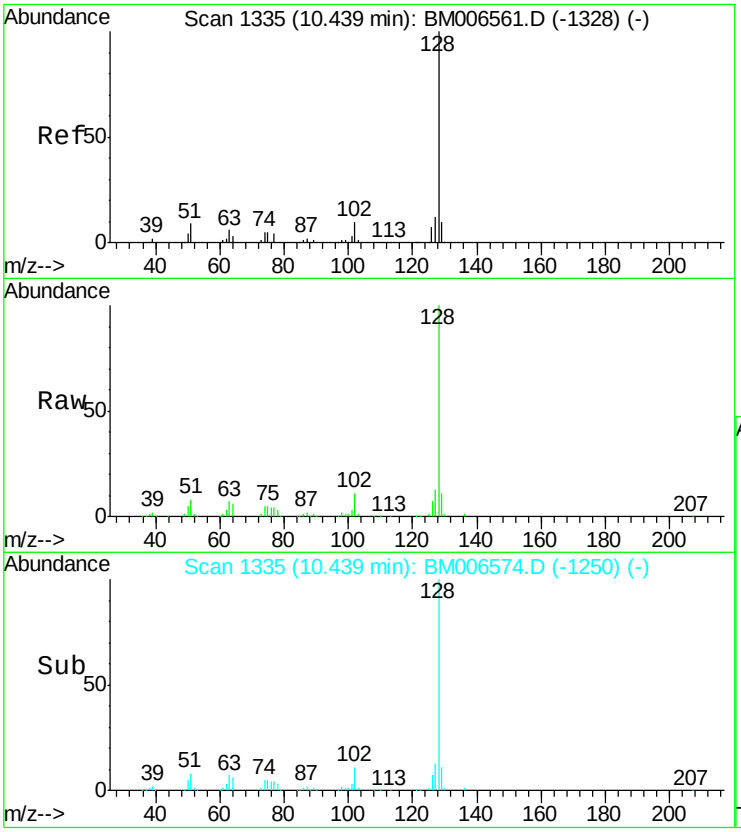
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072016\
Data File : BM006574.D
Acq On : 21 Jul 2016 03:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Quant Time: Jul 21 03:39:59 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 21 01:09:30 2016
Response via : Initial Calibration



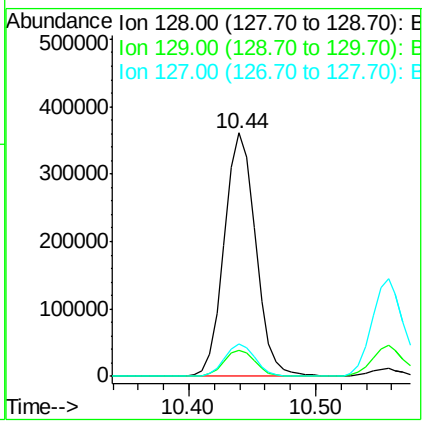


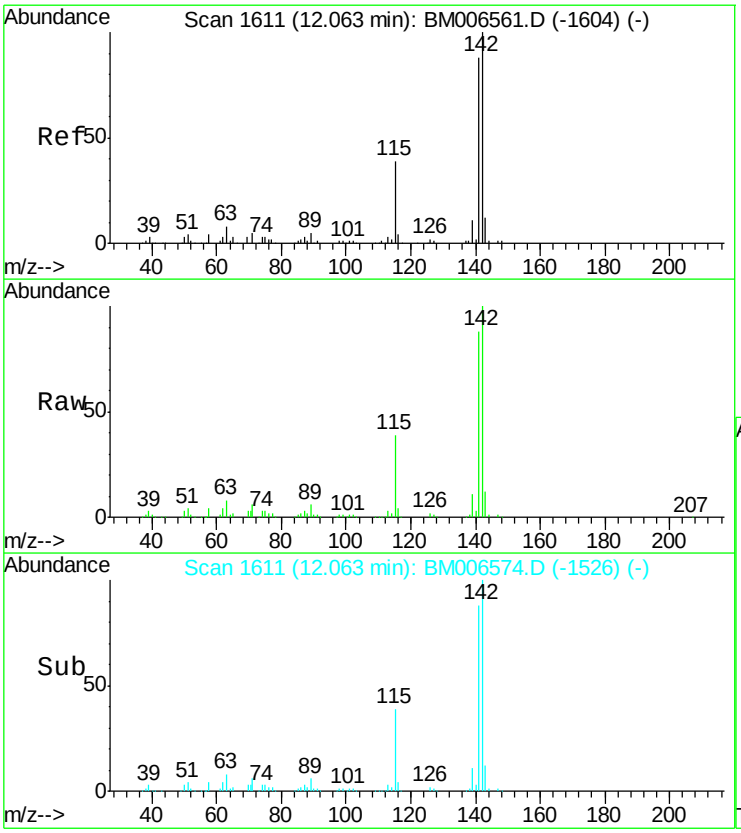
#11
Naphthalene
Concen: 19.86 ng/ul
RT: 10.44 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:128 Resp: 619241

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	13.1	10.8	16.2

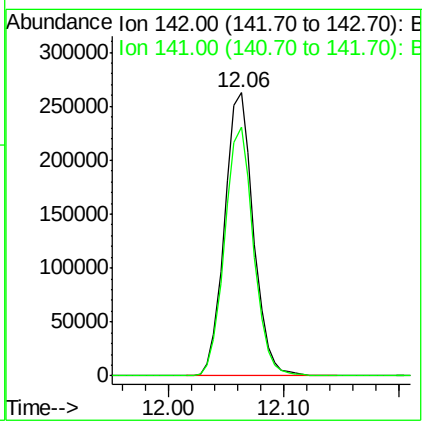


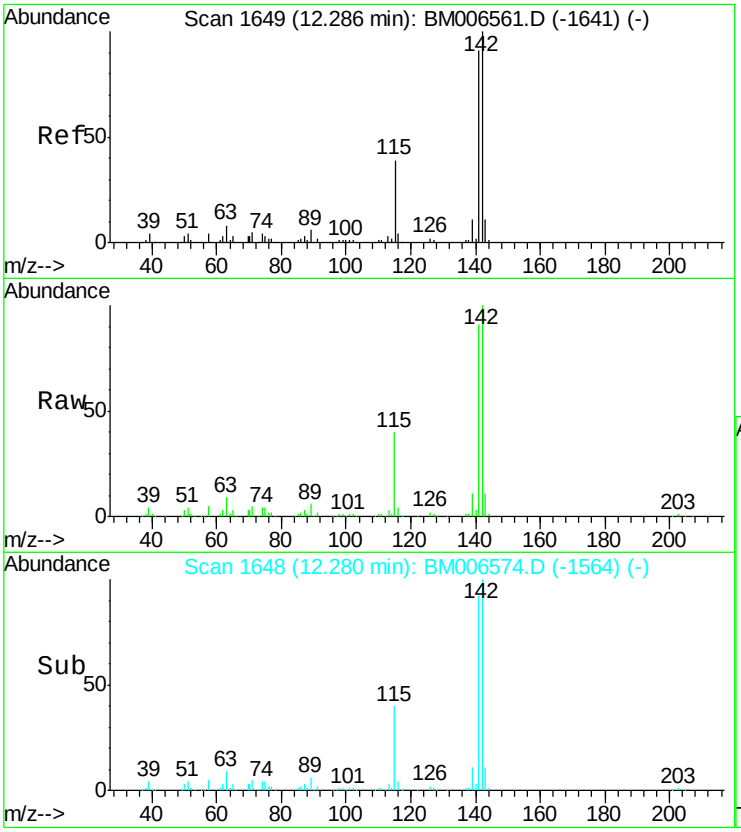


#13
2-Methylnaphthalene
Concen: 19.84 ng/ul
RT: 12.06 min Scan# 1611
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:142 Resp: 453995

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.3	106.9



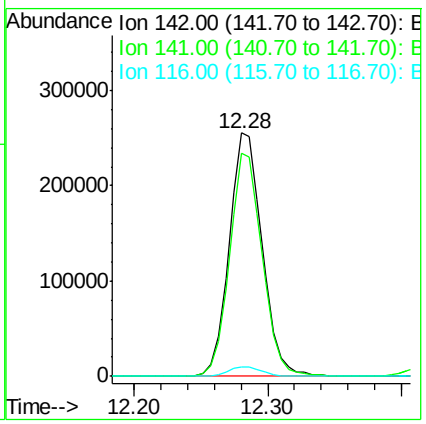


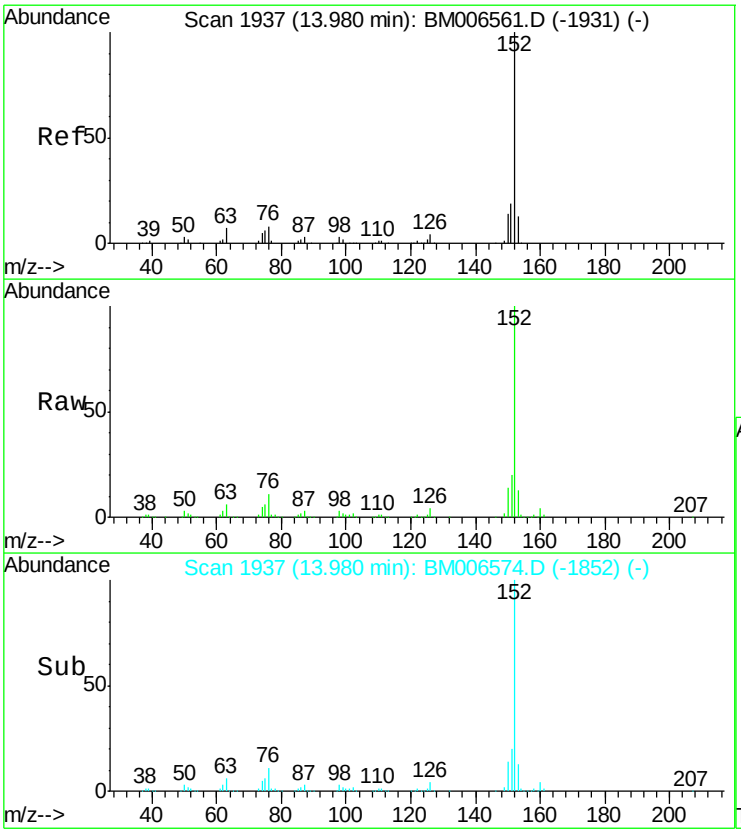
#14
1-Methylnaphthalene
Concen: 20.05 ng/ul
RT: 12.28 min Scan# 1648
Delta R.T. -0.01 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:142 Resp: 437685

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

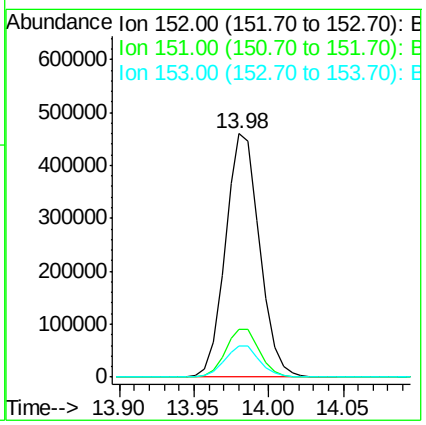


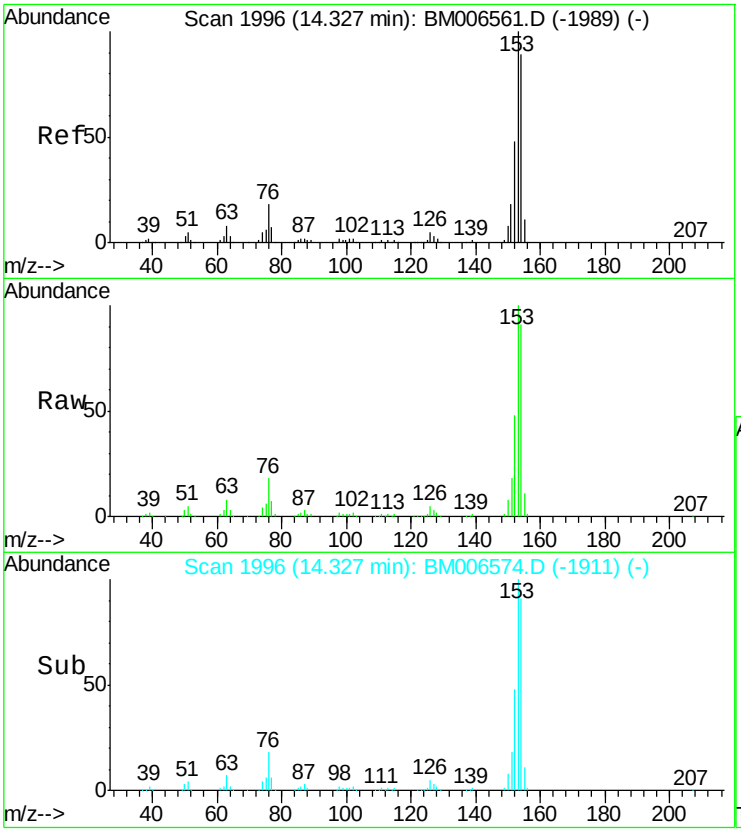


#18
Acenaphthylene
Concen: 20.26 ng/ul
RT: 13.98 min Scan# 1937
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:152 Resp: 735209

Ion	Ratio	Lower	Upper
152	100		
151	19.6	17.3	25.9
153	13.0	11.1	16.7



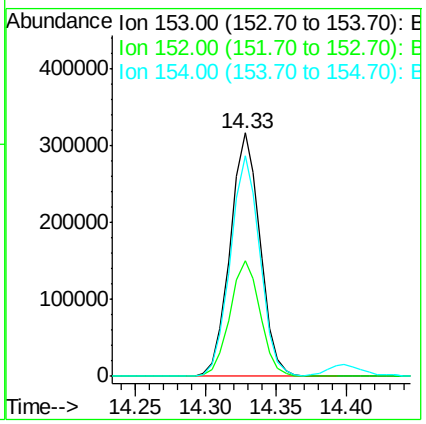


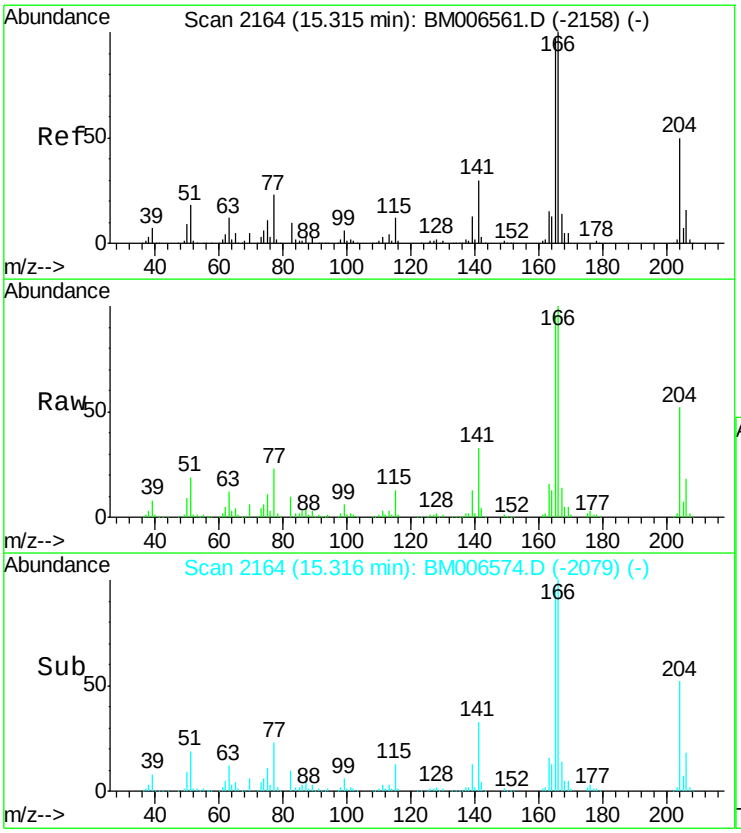
#19
Acenaphthene
Concen: 20.04 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:153 Resp: 467400

Ion	Ratio	Lower	Upper
153	100		
152	47.7	36.5	54.7
154	90.8	67.3	100.9

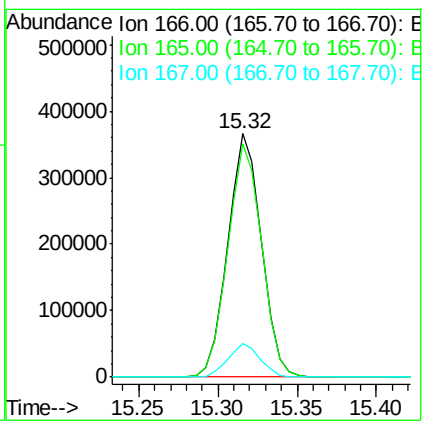


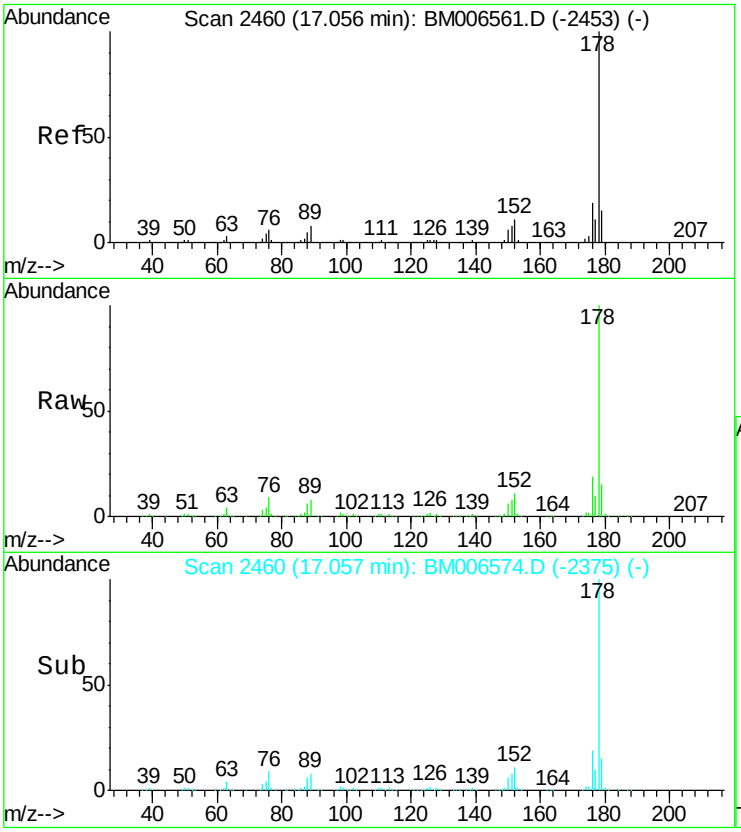


#22
Fluorene
Concen: 20.37 ng/ul
RT: 15.32 min Scan# 2164
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:166 Resp: 535186

Ion	Ratio	Lower	Upper
166	100		
165	95.9	81.1	121.7
167	13.8	10.6	16.0



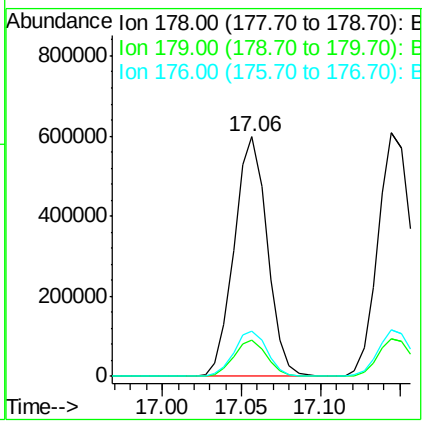


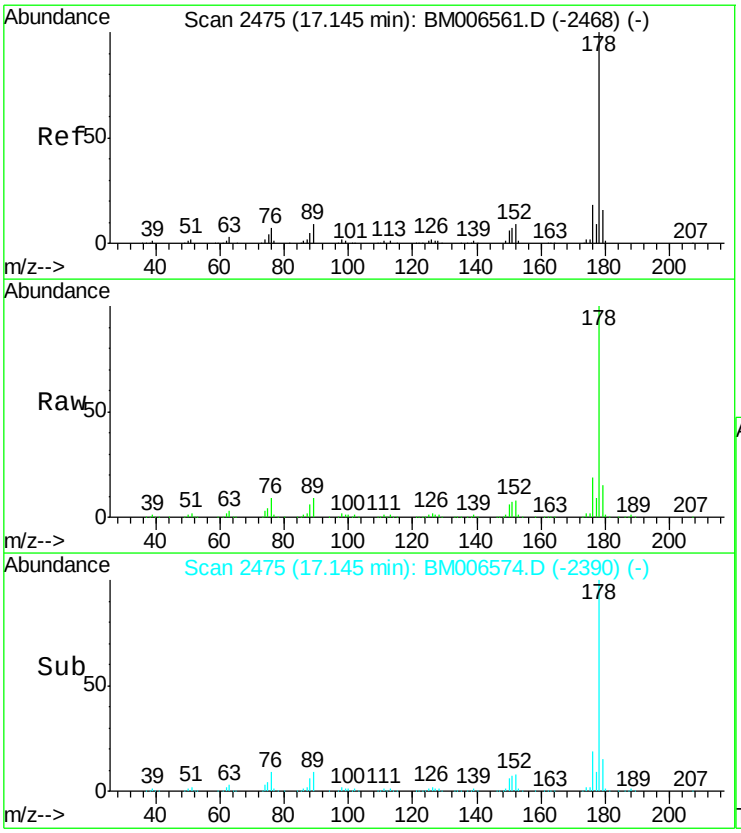
#25
Phenanthrene
Concen: 20.39 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:178 Resp: 865594

Ion	Ratio	Lower	Upper
178	100		
179	14.9	11.8	17.8
176	19.0	14.8	22.2

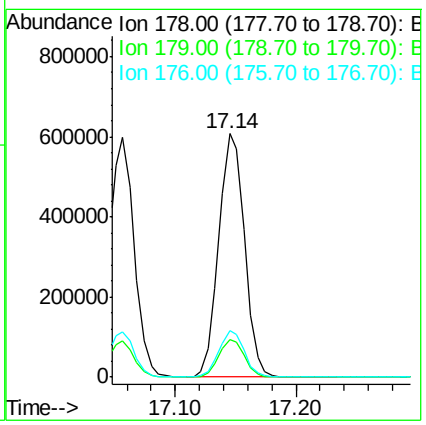


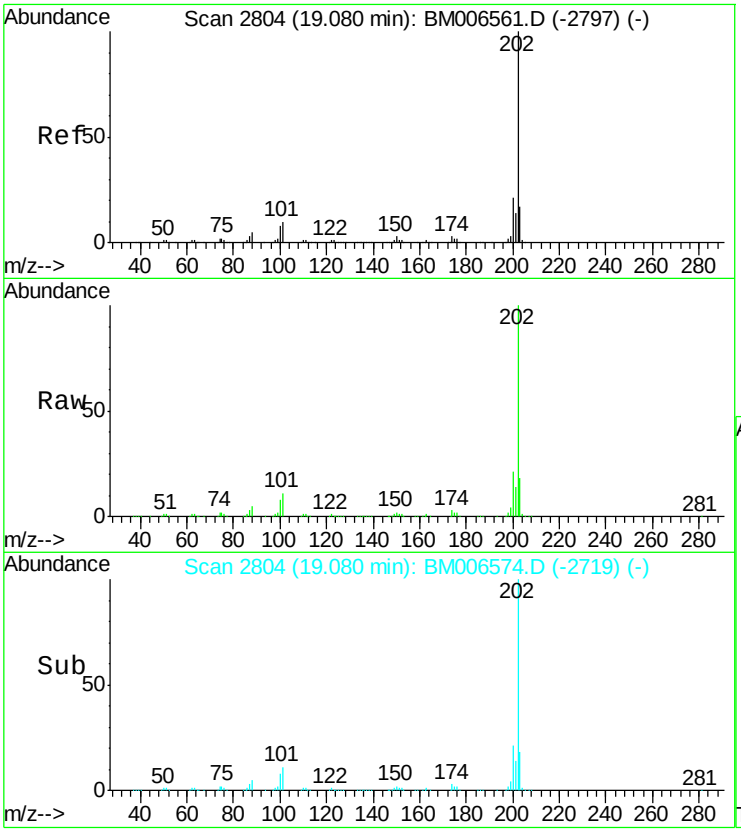


#27
Anthracene
Concen: 20.48 ng/ul
RT: 17.14 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:178 Resp: 895423

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.9	19.3
176	18.8	15.6	23.4



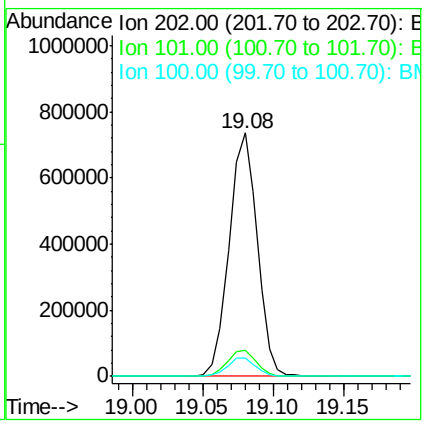


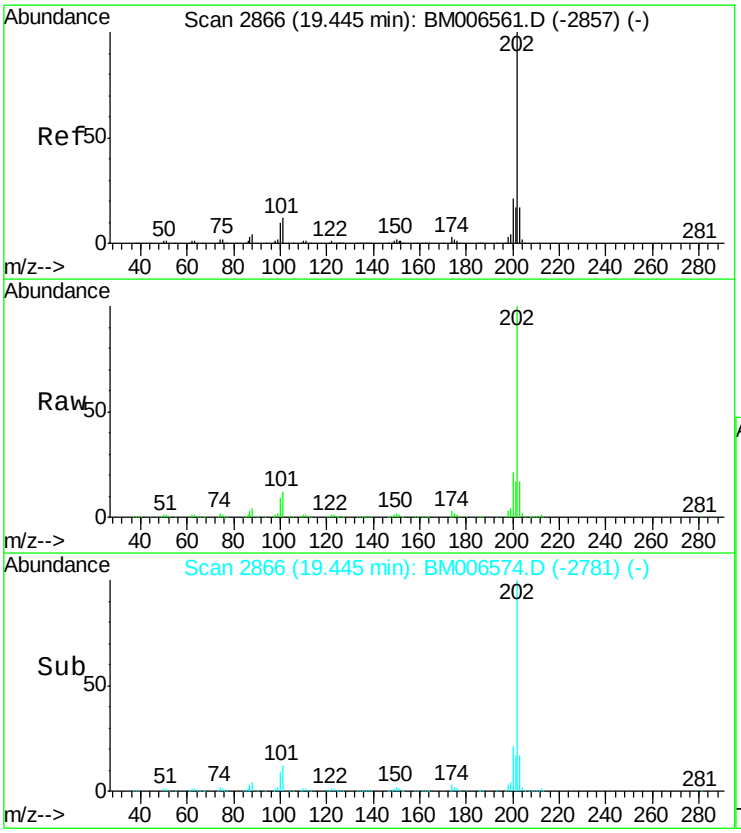
#28
Fluoranthene
Concen: 20.47 ng/ul
RT: 19.08 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:202 Resp: 1020899

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
100	7.6	7.0	10.4

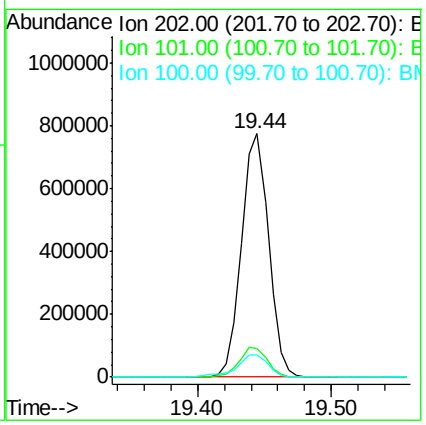


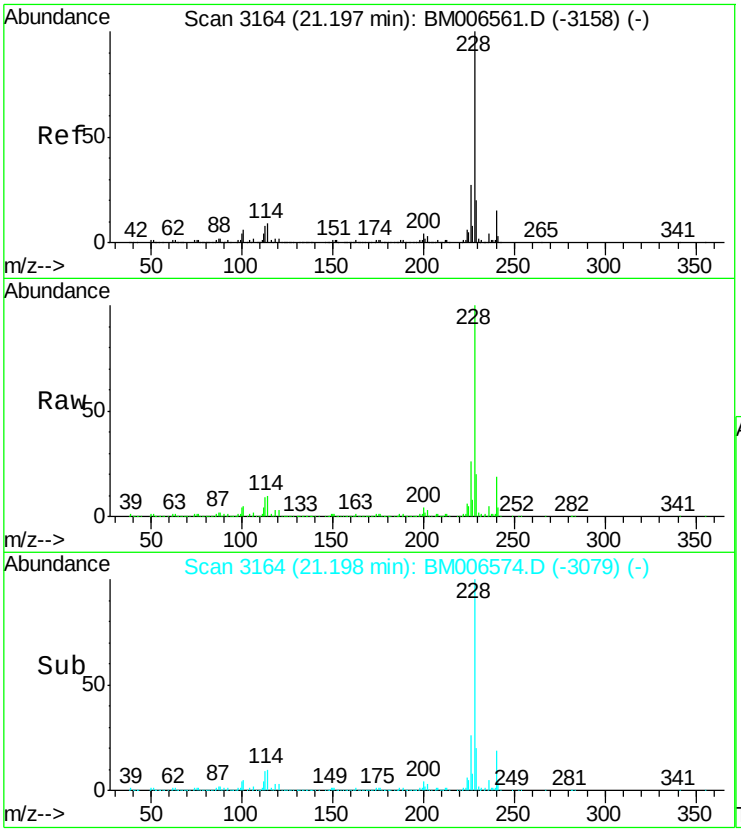


#31
Pyrene
Concen: 20.51 ng/ul
RT: 19.44 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:202 Resp: 1082201

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.8	14.8
100	9.2	9.3	13.9#



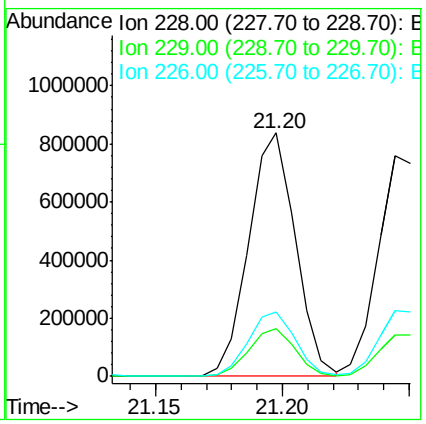


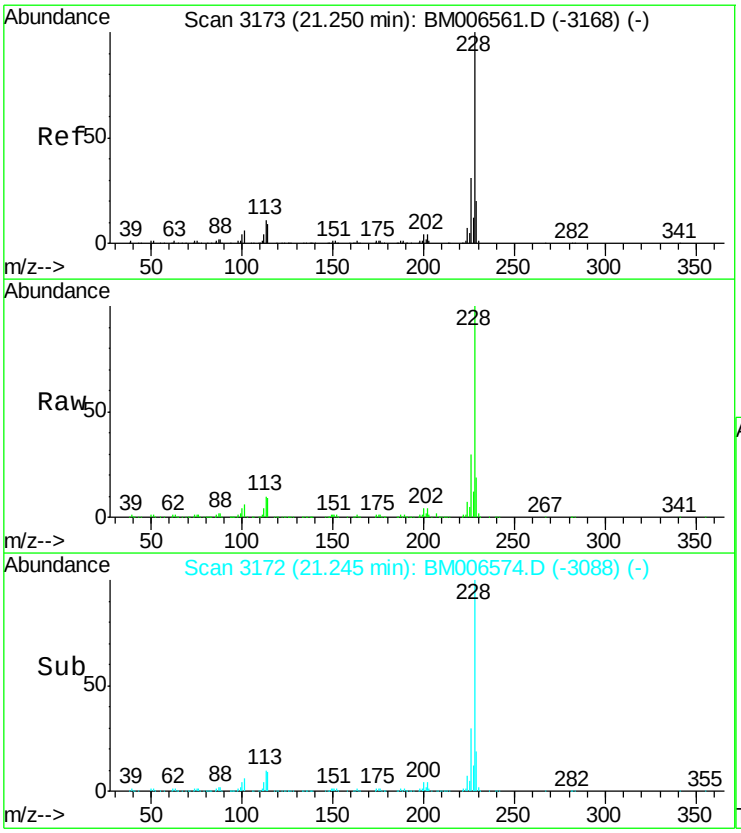
#32
Benzo(a)anthracene
Concen: 20.30 ng/ul
RT: 21.20 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:228 Resp: 1071816

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.6	25.0
226	26.4	21.0	31.4

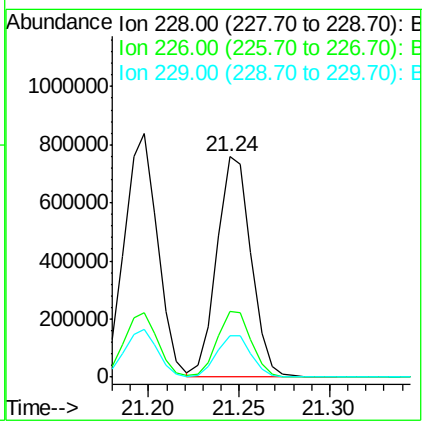


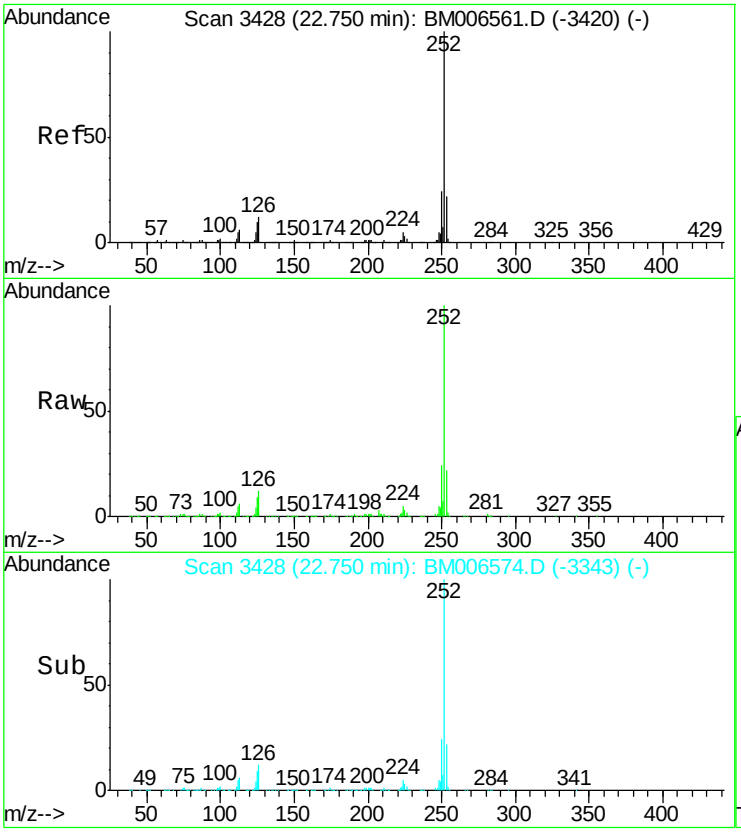


#33
Chrysene
Concen: 20.39 ng/ul
RT: 21.24 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:228 Resp: 992665

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	19.0	16.2	24.2



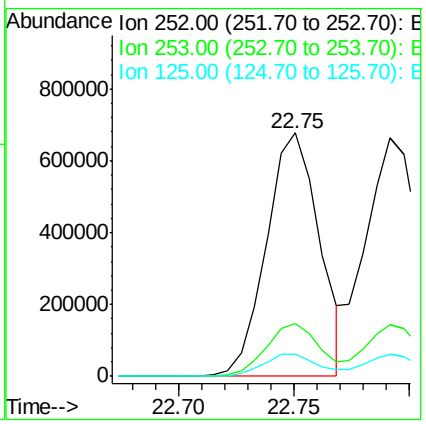


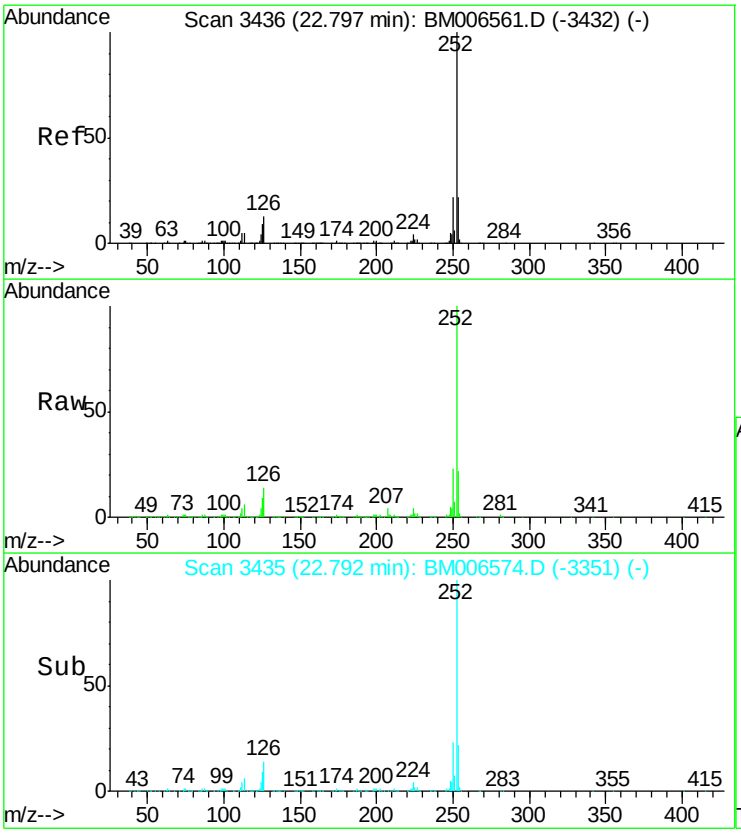
#35
Benzo(b)fluoranthene
Concen: 19.65 ng/ul
RT: 22.75 min Scan# 3428
Delta R.T. 0.00 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:252 Resp: 1078741

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.2	7.6	11.4

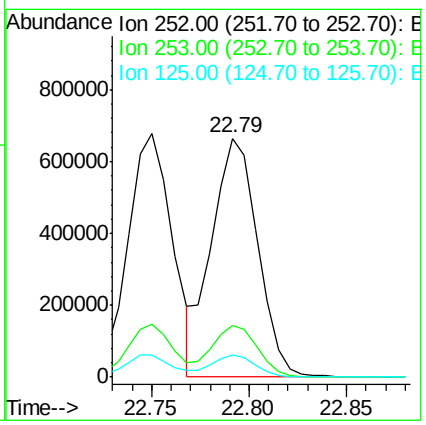


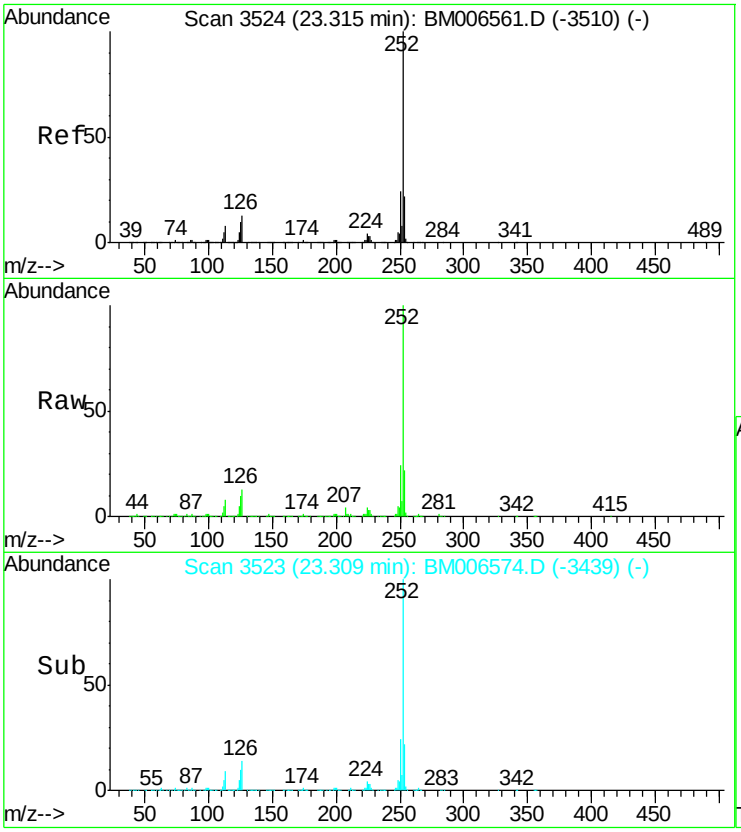


#36
Benzo(k)fluoranthene
Concen: 20.47 ng/ul
RT: 22.79 min Scan# 3435
Delta R.T. -0.01 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:252 Resp: 1086554

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	9.4	7.7	11.5



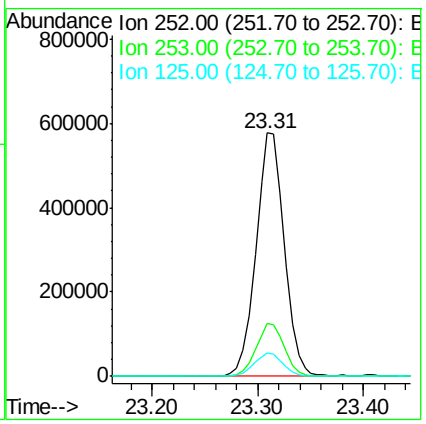


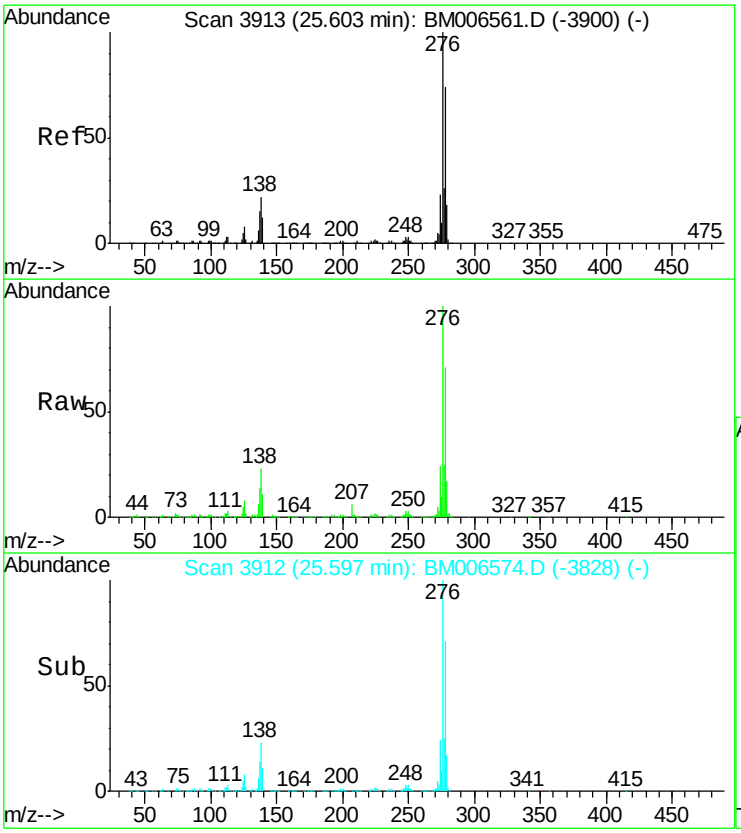
#38
Benzo(a)pyrene
Concen: 20.17 ng/ul
RT: 23.31 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:252 Resp: 1077445

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.0
125	9.8	8.2	12.2

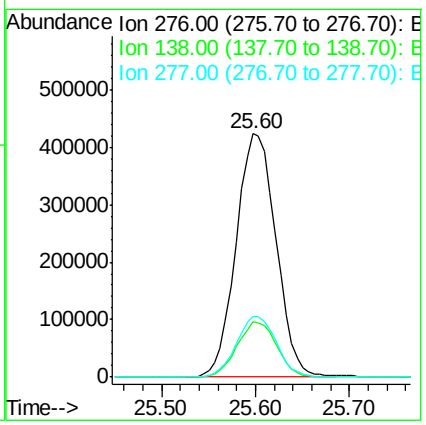


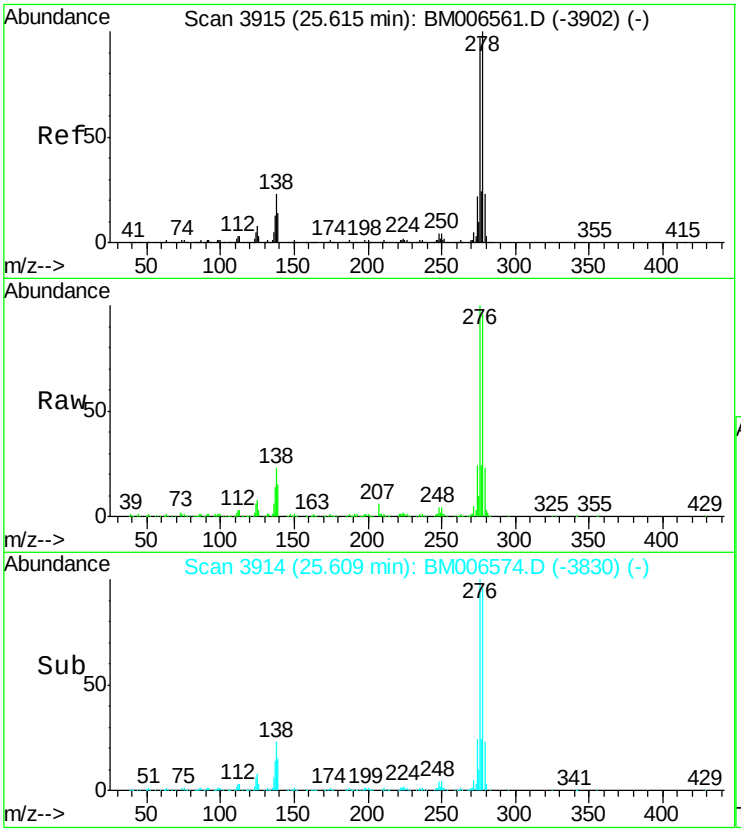


#39
Indeno(1,2,3-cd)pyrene
Concen: 20.12 ng/ul
RT: 25.60 min Scan# 3912
Delta R.T. -0.01 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:276 Resp: 1244728

Ion	Ratio	Lower	Upper
276	100		
138	22.7	15.8	23.6
277	24.9	19.0	28.6



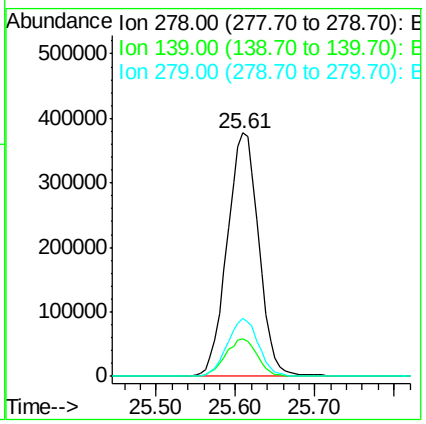


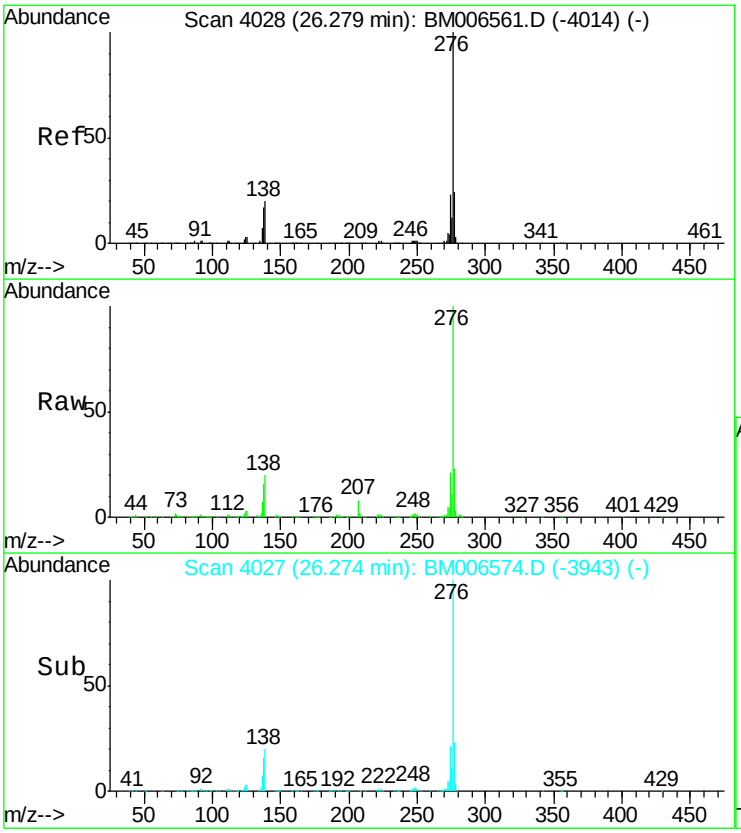
#40
Dibenzo(a,h)anthracene
Concen: 20.32 ng/ul
RT: 25.61 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Instrument :
BNA_M
ClientSampleId :
SSTD02055

Tgt Ion:278 Resp: 1041986

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.1	18.1
279	23.7	19.8	29.8





#41
Benzo(g,h,i)perylene
Concen: 20.10 ng/ul
RT: 26.27 min Scan# 4027
Delta R.T. -0.01 min
Lab File: BM006574.D
Acq: 21 Jul 2016 03:03

Tgt Ion:276 Resp: 1066224

Ion	Ratio	Lower	Upper
276	100		
138	19.6	13.9	20.9
277	23.2	19.8	29.6