Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003653.D
Acq On : 20 Dec 2015 14:18
Operator : UM/SJ
Sample : G4801-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G9C63DL

Quant Time: Dec 21 02:22:58 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:19:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	19061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	92763	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	58675	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	143619	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	189244	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	176541	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.87	99	4335	2.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	2785	3.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	3993	3.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	2819	2.03	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	1845	2.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	1852	2.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	3702	2.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	4120	2.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	16295	3.36	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	19241	3.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	1168	1.24	ng/ul	0.00
58) Fluorene-d10	15.34	176	15811	3.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	783	0.97	ng/ul	0.00
71) Anthracene-d10	17.19	188	24897	3.81	ng/ul	0.00
79) Pyrene-d10	19.50	212	29861	3.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	31381	3.58	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.85	77	1004	1.08	ng/ul#	1
17) Hexachloroethane	8.79	117	1861	3.59	ng/ul#	7
28) Naphthalene	10.54	128	355852	74.46	ng/ul	100
34) 2-Methylnaphthalene	12.16	142	138479	38.80	ng/ul	100
35) 1-Methylnaphthalene	12.37	142	88537	26.11	ng/ul	98
41) 1,1'-Biphenyl	13.17	154	12457	2.61	ng/ul	99
45) Dimethylphthalate	13.80	163	11068	2.23	ng/ul#	95
48) Acenaphthylene	14.07	152	9372	1.55	ng/ul#	85
50) Acenaphthene	14.41	153	30166	7.48	ng/ul	100
59) Fluorene	15.40	166	23107	5.00	ng/ul	99
70) Phenanthrene	17.14	178	112240	14.13	ng/ul	99
72) Anthracene	17.23	178	31417	3.88	ng/ul	98
77) Fluoranthene	19.16	202	33201	3.64	ng/ul	98
80) Pyrene	19.53	202	56642	5.20	ng/ul	98
83) Benzo(a)anthracene	21.33	228	22923	2.01	ng/ul	94
85) Chrysene	21.33	228	22923	2.08	ng/ul	97
88) Benzo(b)fluoranthene	22.87	252	12469	1.17	ng/ul	97
91) Benzo(a)pyrene	23.44	252	12547	1.23	ng/ul	96

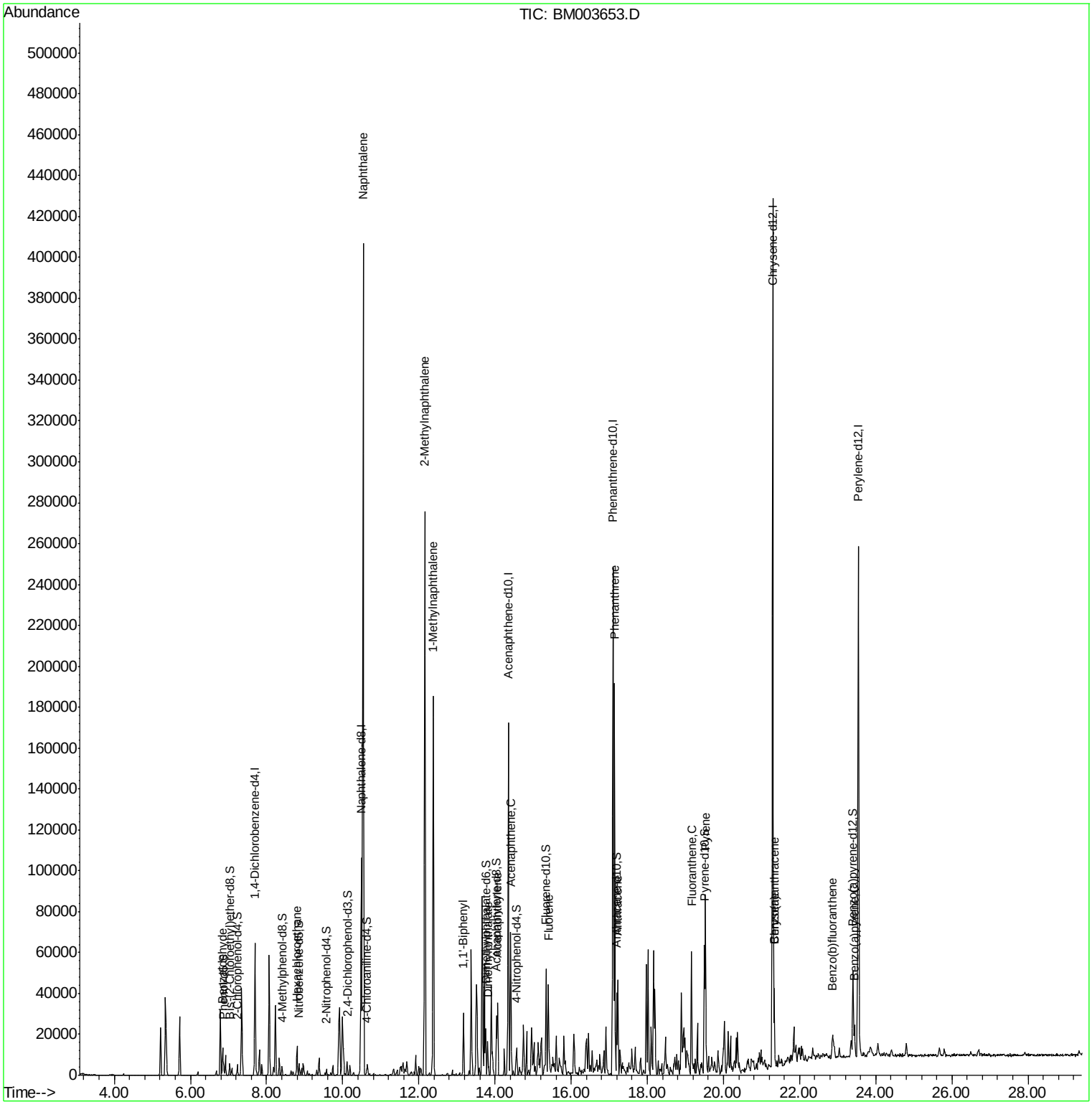
(#) = qualifier out of range (m) = manual integration (+) = signals summed

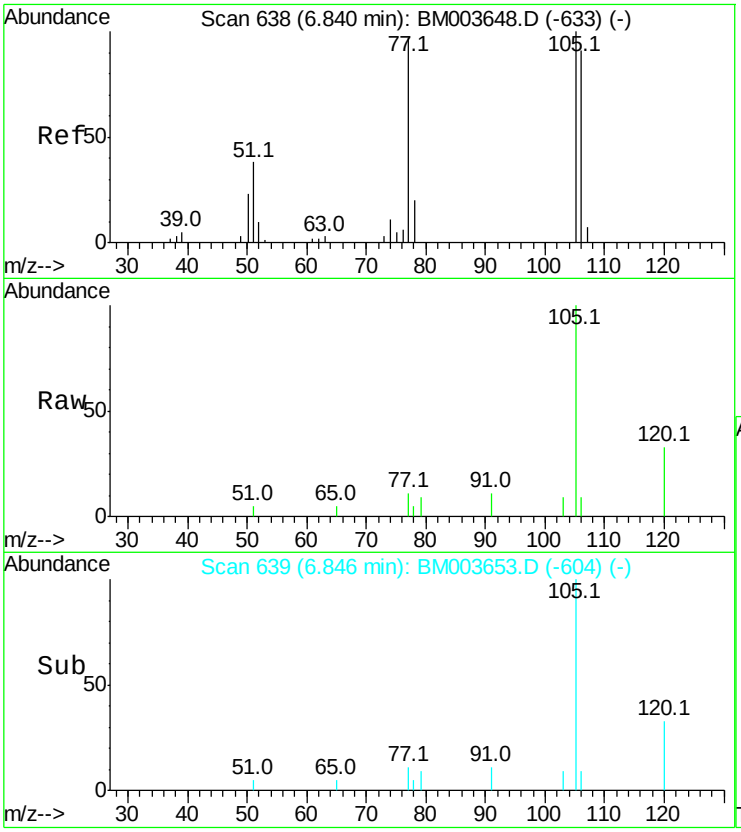
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
Data File : BM003653.D
Acq On : 20 Dec 2015 14:18
Operator : UM/SJ
Sample : G4801-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Quant Time: Dec 21 02:22:58 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 02:19:57 2015
Response via : Initial Calibration



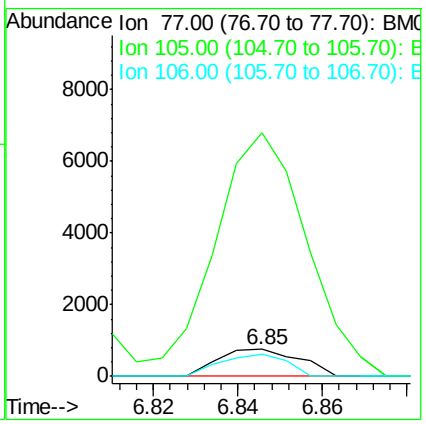


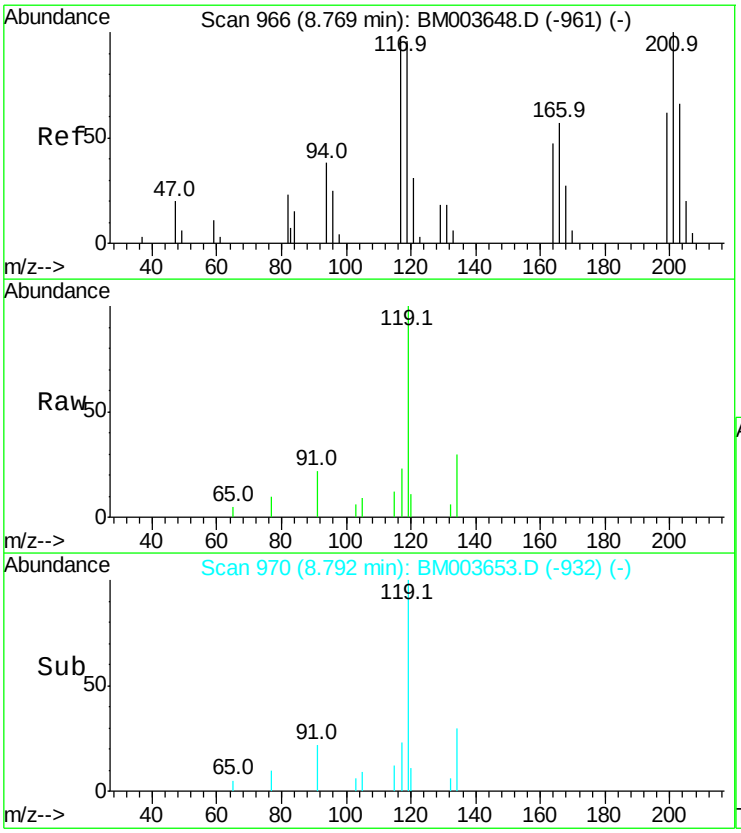
#4
Benzaldehyde
Concen: 1.08 ng/ul
RT: 6.85 min Scan# 639
Delta R.T. 0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion: 77 Resp: 1004

Ion	Ratio	Lower	Upper
77	100		
105	907.3	80.6	120.8#
106	80.9	77.7	116.5

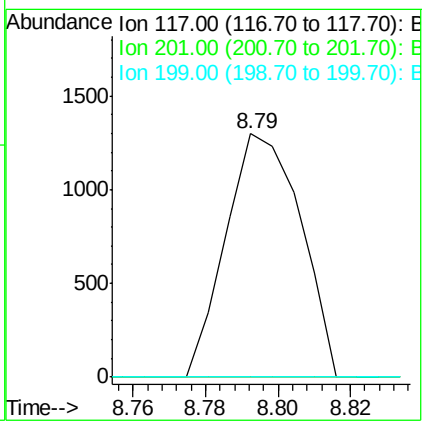


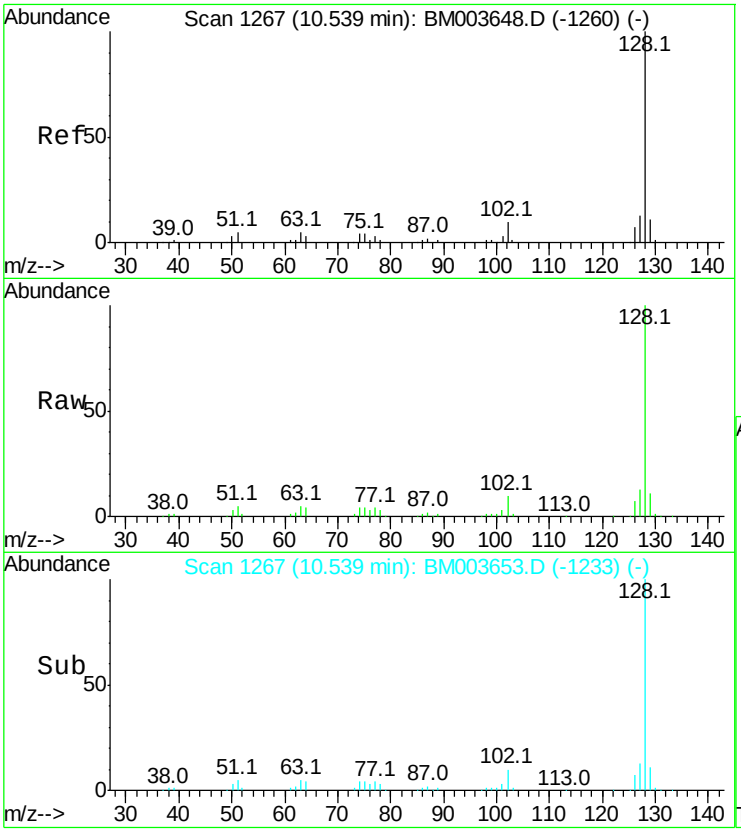


#17
Hexachloroethane
Concen: 3.59 ng/ul
RT: 8.79 min Scan# 970
Delta R.T. 0.02 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:117 Resp: 1861

Ion	Ratio	Lower	Upper
117	100		
201	0.0	81.5	122.3#
199	0.0	50.6	76.0#



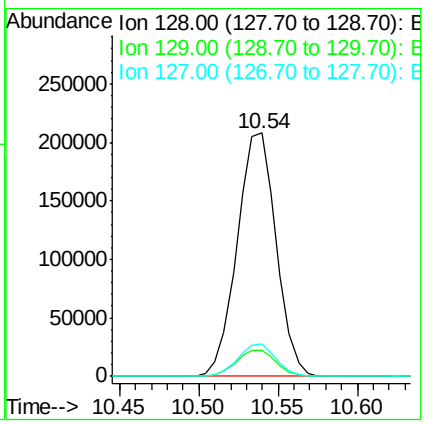


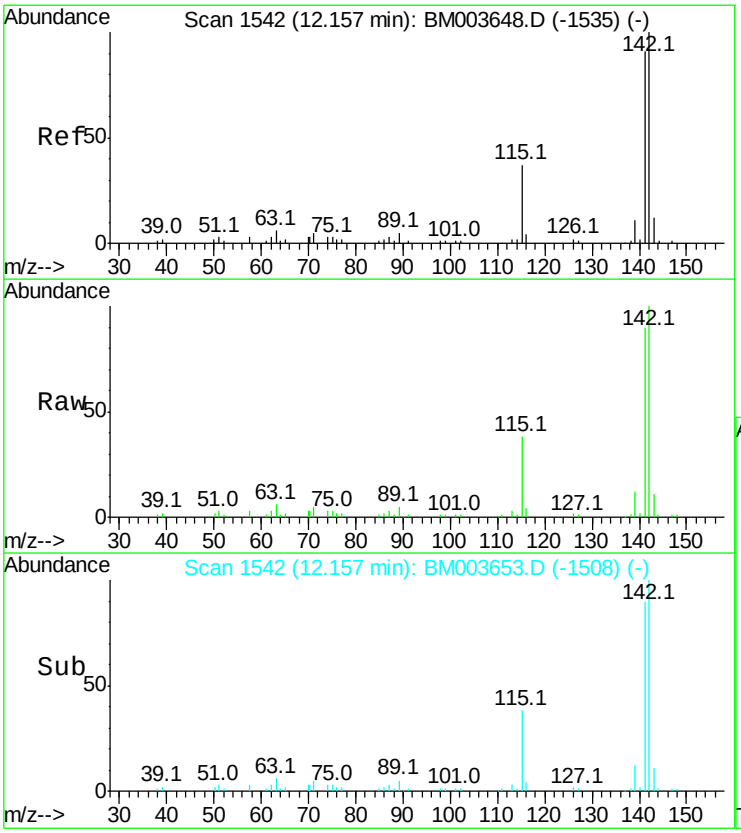
#28
Naphthalene
Concen: 74.46 ng/ul
RT: 10.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:128 Resp: 355852

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.5	15.7

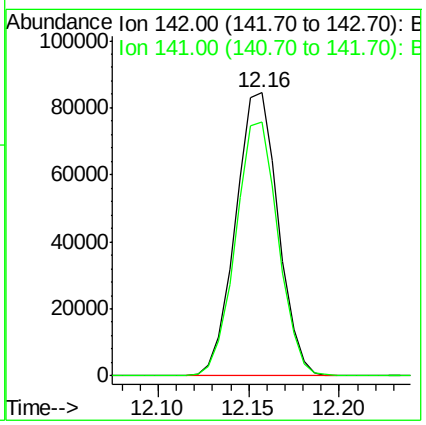


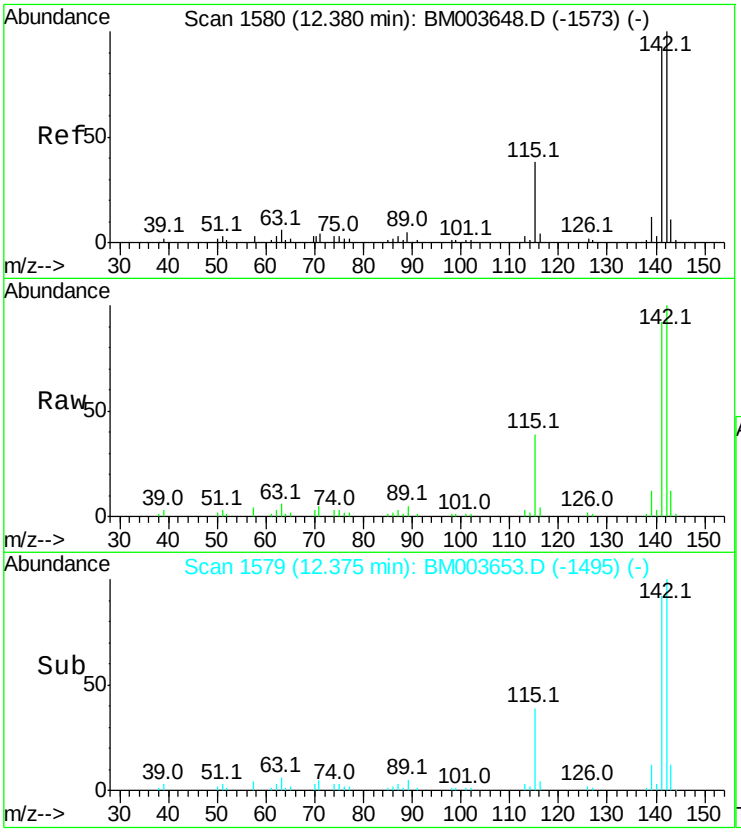


#34
2-Methylnaphthalene
Concen: 38.80 ng/ul
RT: 12.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:142 Resp: 138479

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.6	107.4



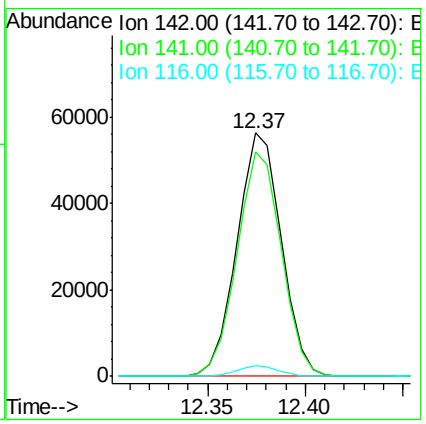


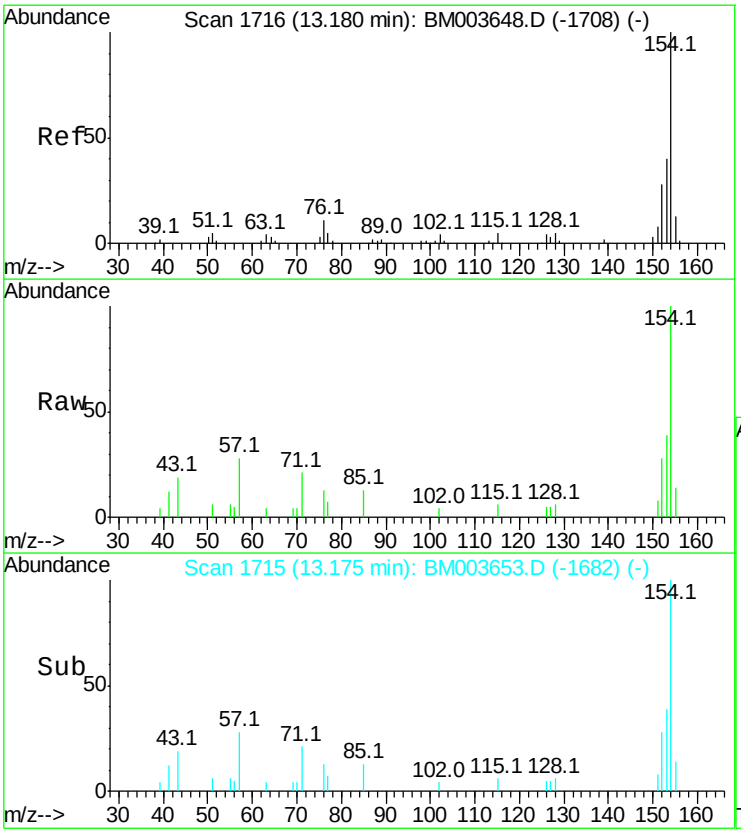
#35
1-Methylnaphthalene
Concen: 26.11 ng/ul
RT: 12.37 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:142 Resp: 88537

Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.9	112.3
116	4.4	3.1	4.7

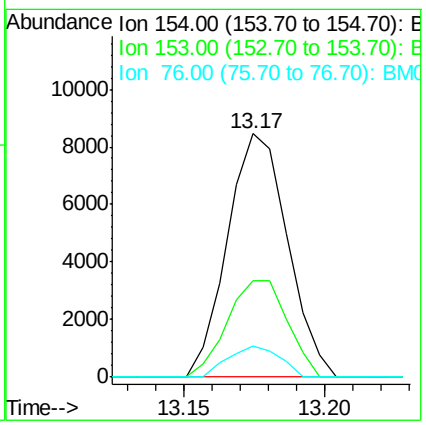


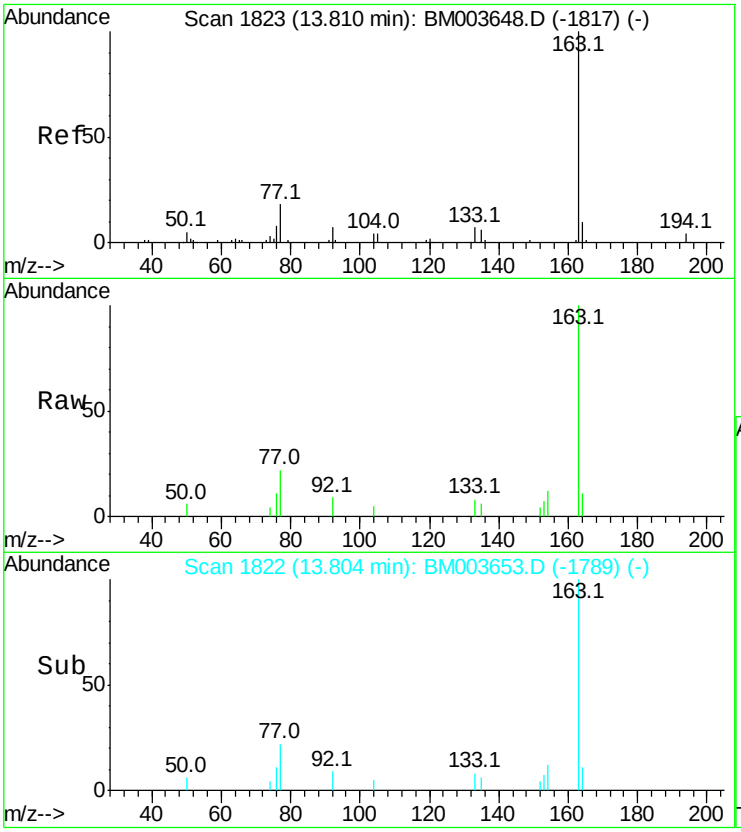


#41
1,1'-Biphenyl
Concen: 2.61 ng/ul
RT: 13.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:154 Resp: 12457

Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.1	48.1
76	12.9	9.5	14.3



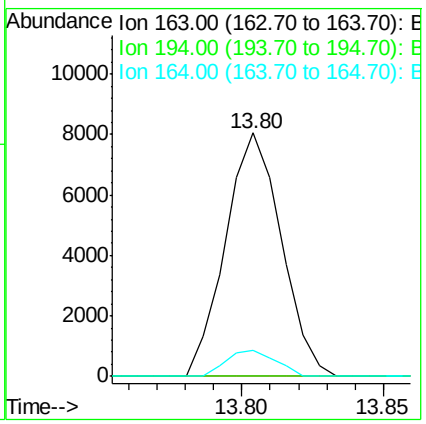


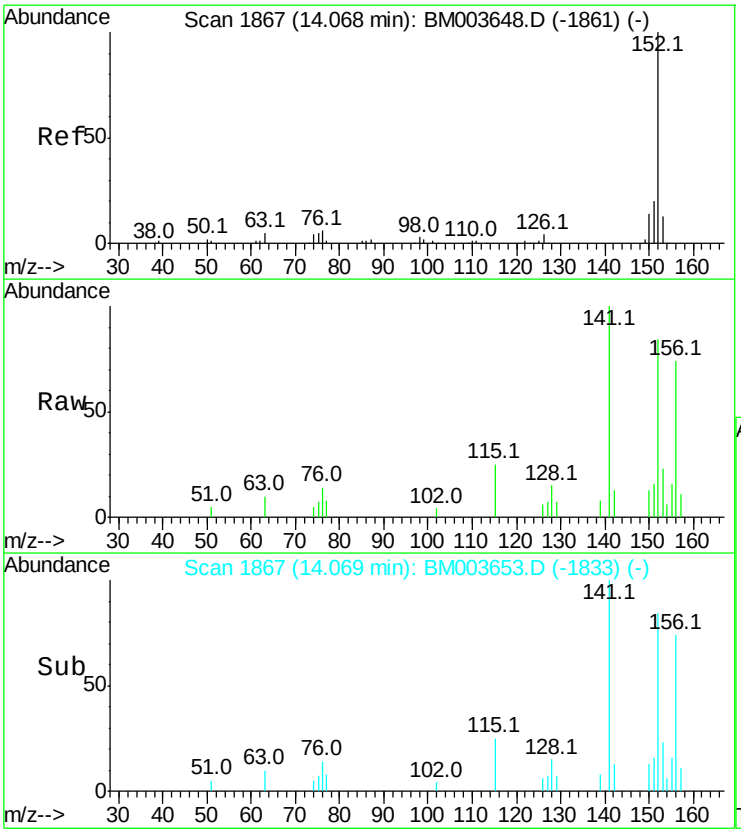
#45
Dimethylphthalate
Concen: 2.23 ng/ul
RT: 13.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:163 Resp: 11068

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	10.7	7.8	11.8

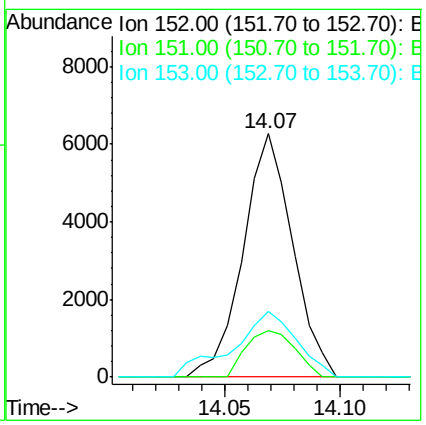


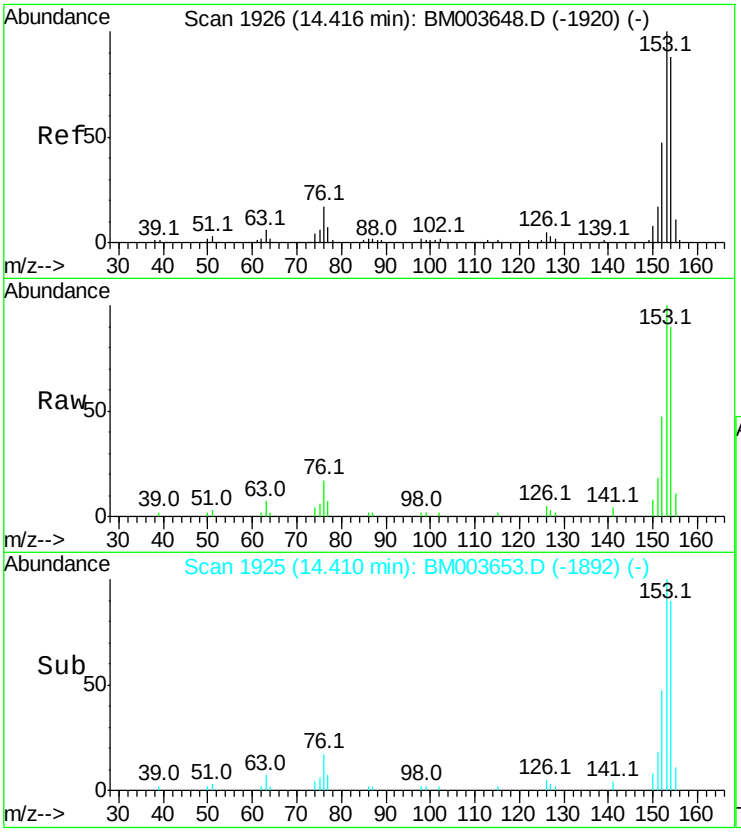


#48
Acenaphthylene
Concen: 1.55 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:152 Resp: 9372

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	27.1	10.5	15.7#



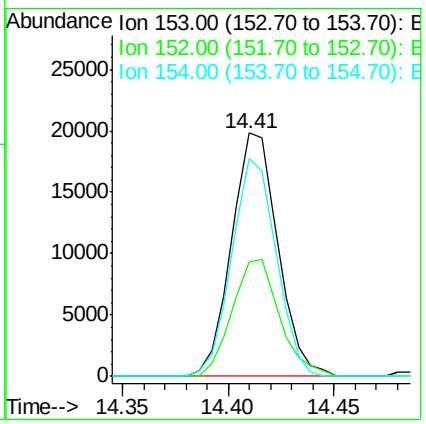


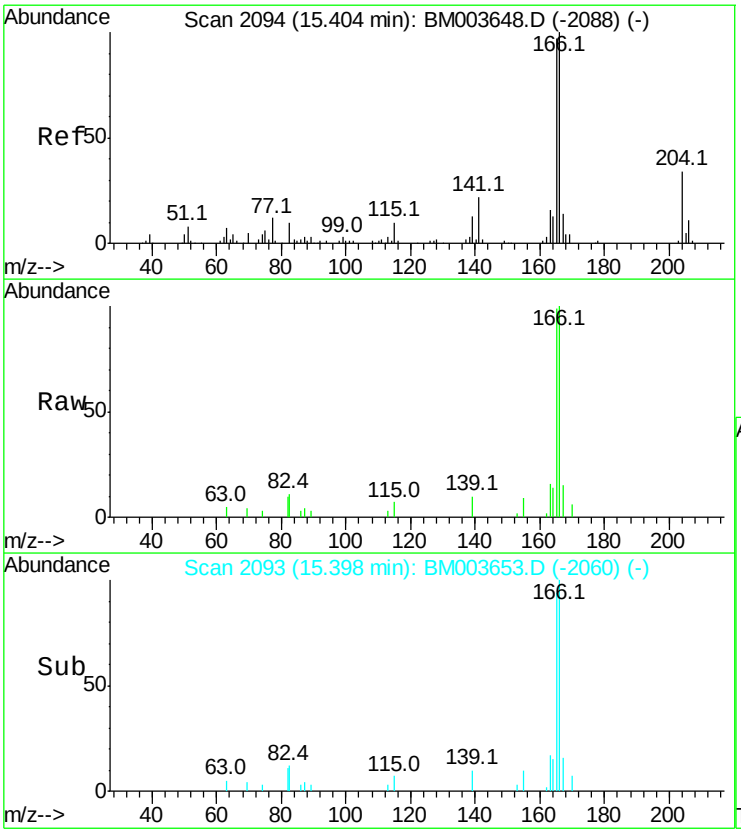
#50
Acenaphthene
Concen: 7.48 ng/ul
RT: 14.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:153 Resp: 30166

Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.3	57.5
154	89.6	71.8	107.8

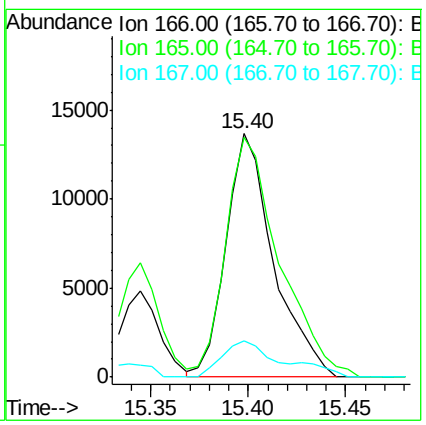


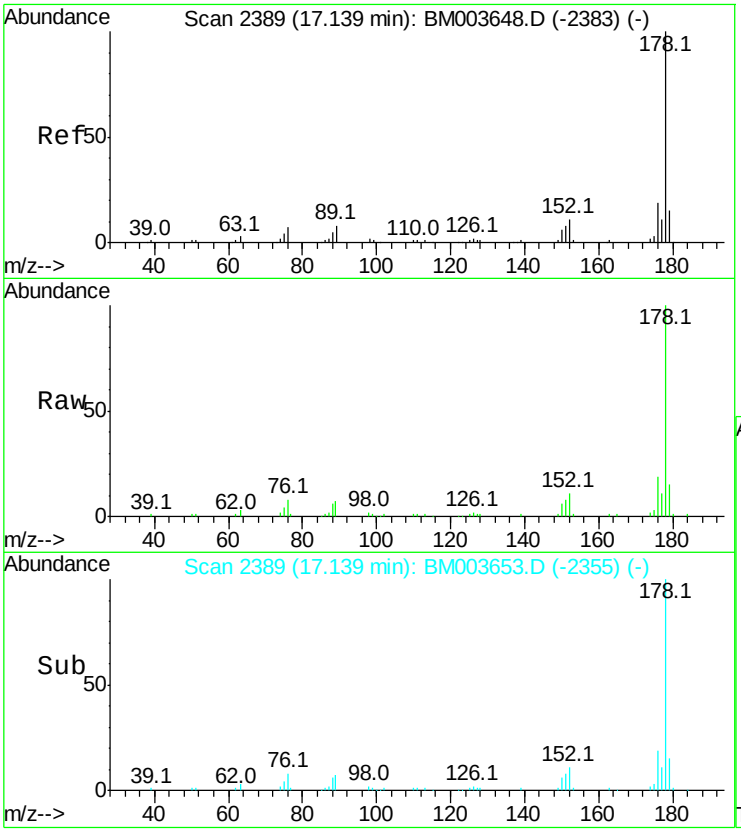


#59
Fluorene
Concen: 5.00 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:166 Resp: 23107

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	14.8	10.7	16.1



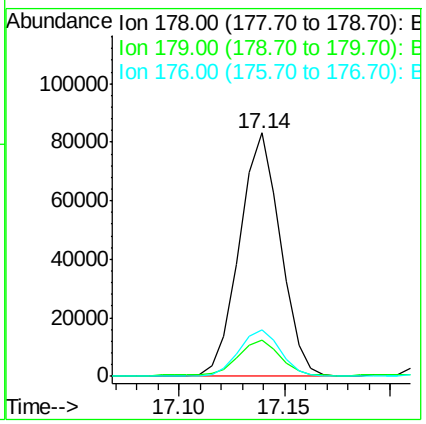


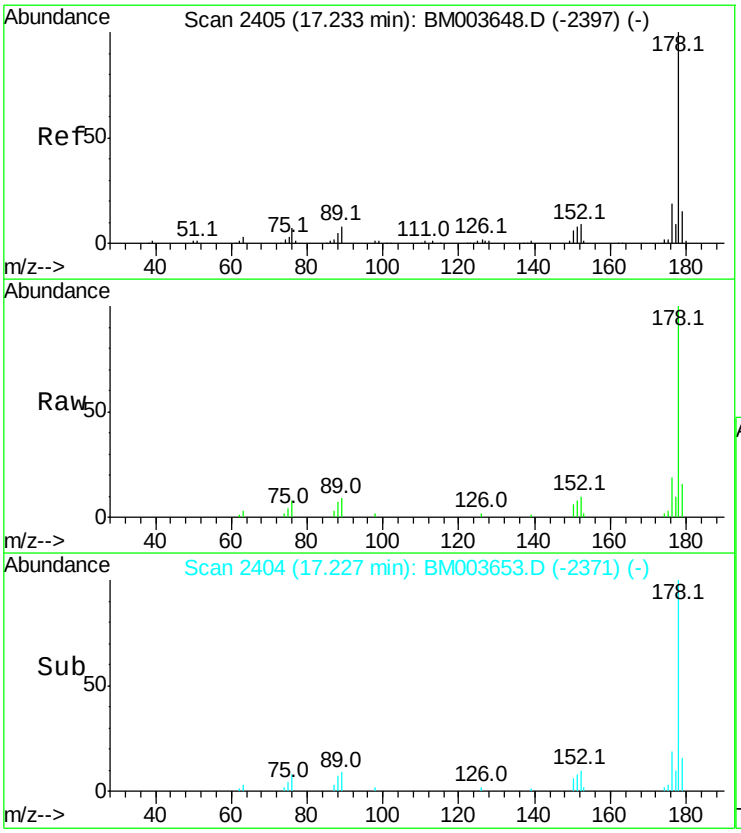
#70
Phenanthrene
Concen: 14.13 ng/ul
RT: 17.14 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:178 Resp: 112240

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.2	15.6	23.4

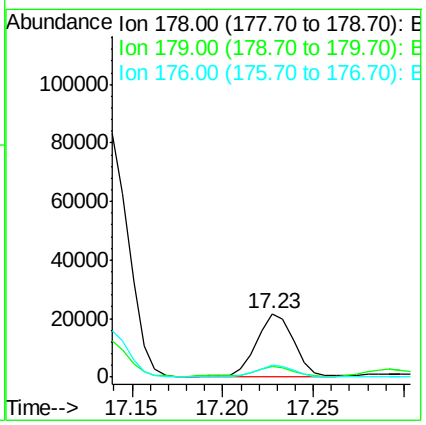


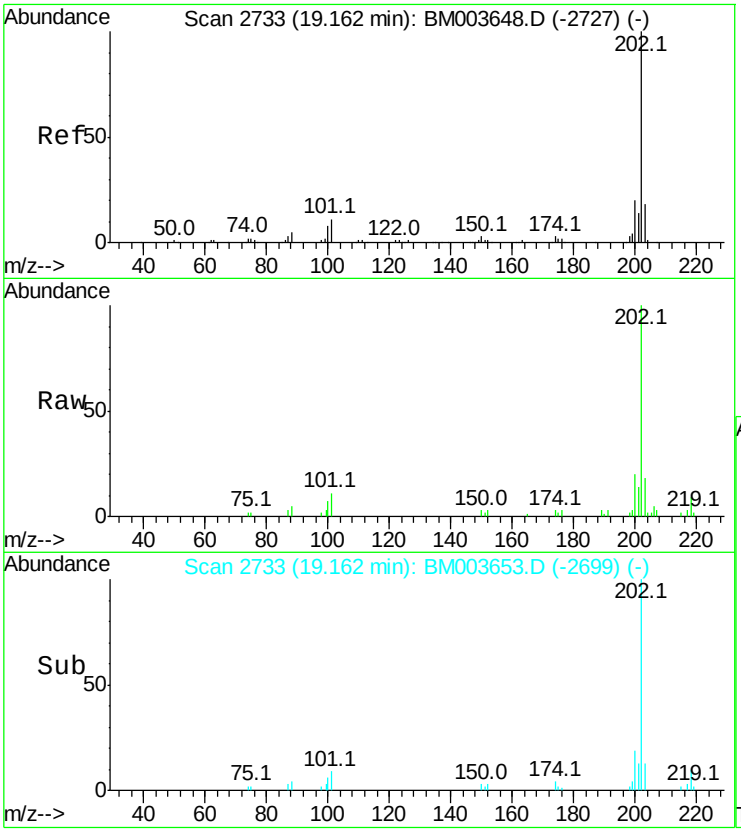


#72
Anthracene
Concen: 3.88 ng/ul
RT: 17.23 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:178 Resp: 31417

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	19.1	14.8	22.2



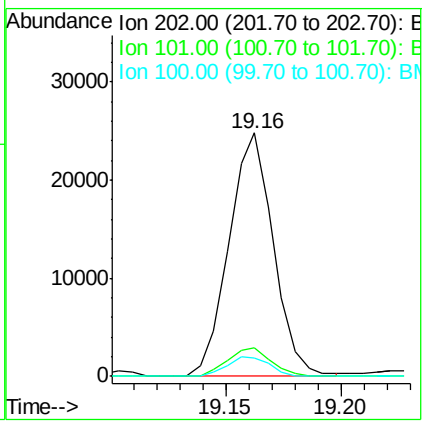


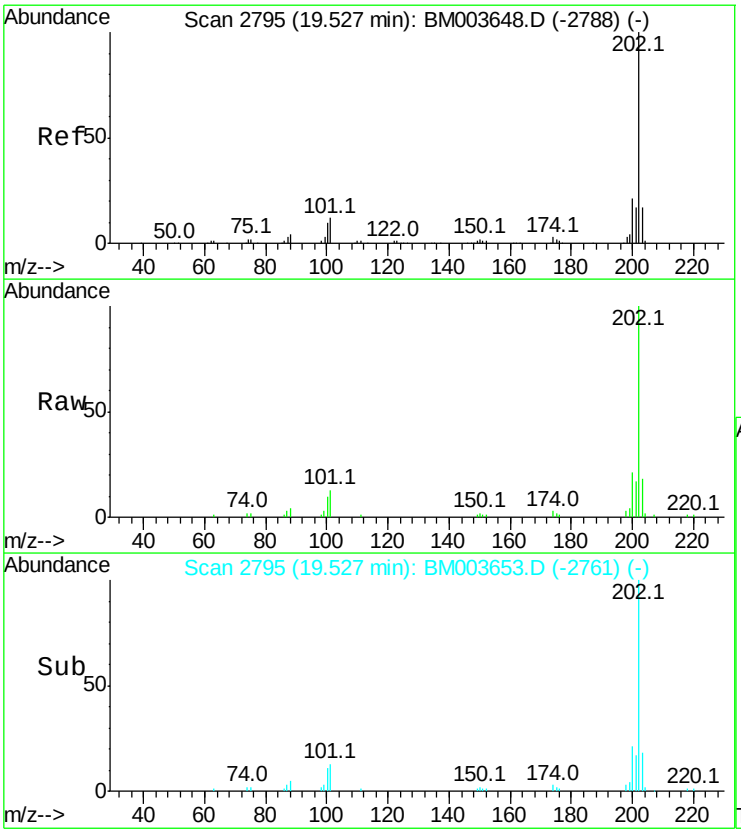
#77
Fluoranthene
Concen: 3.64 ng/ul
RT: 19.16 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:202 Resp: 33201

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	7.4	6.6	9.8

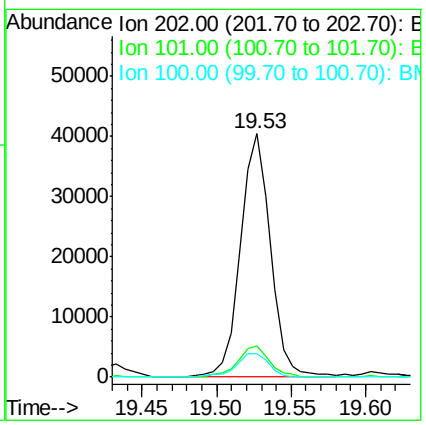


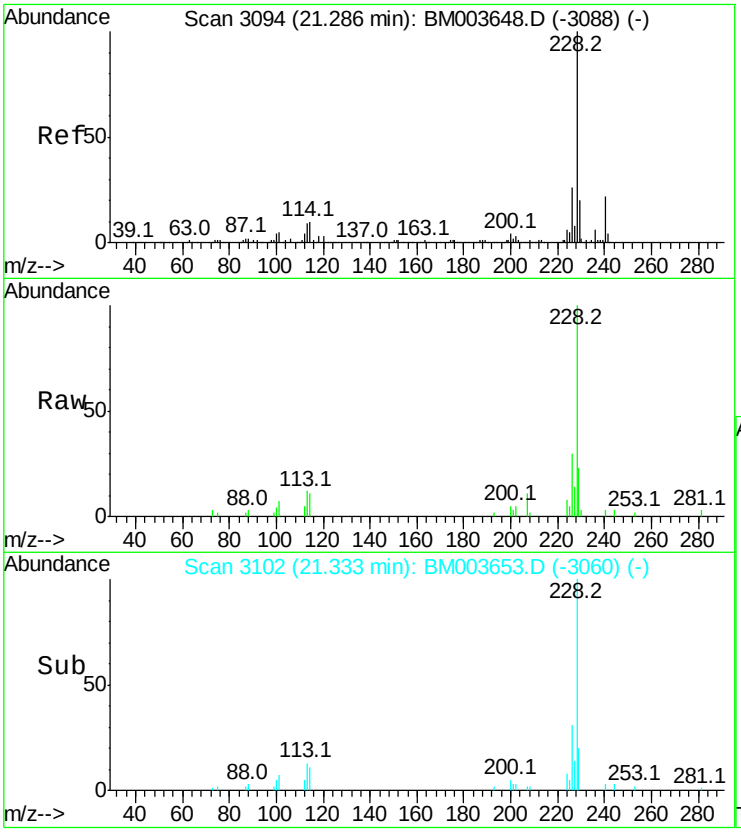


#80
Pyrene
Concen: 5.20 ng/ul
RT: 19.53 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:202 Resp: 56642

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
100	9.6	8.5	12.7



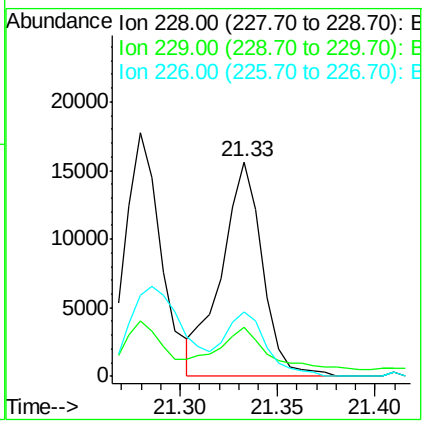


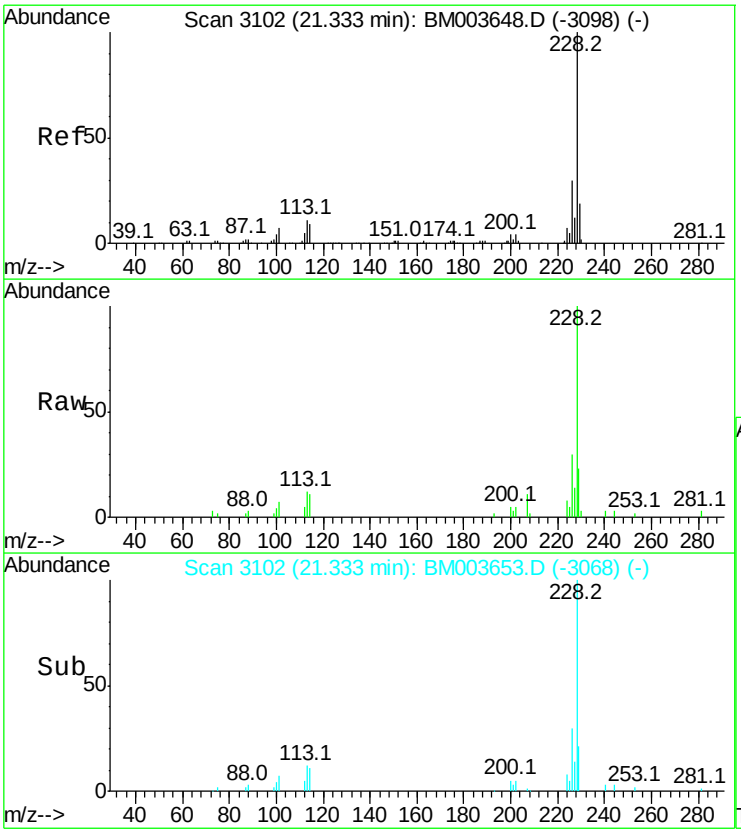
#83
Benzo(a)anthracene
Concen: 2.01 ng/ul
RT: 21.33 min Scan# 3102
Delta R.T. 0.05 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:228 Resp: 22923

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.7	23.5
226	30.0	21.8	32.6

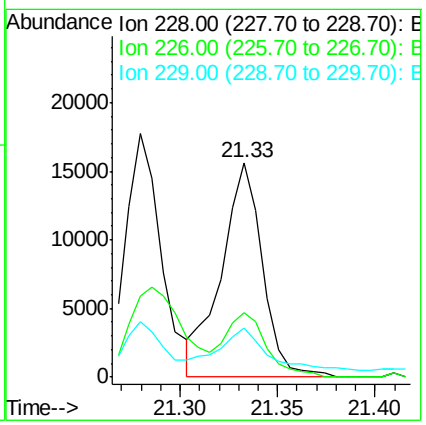


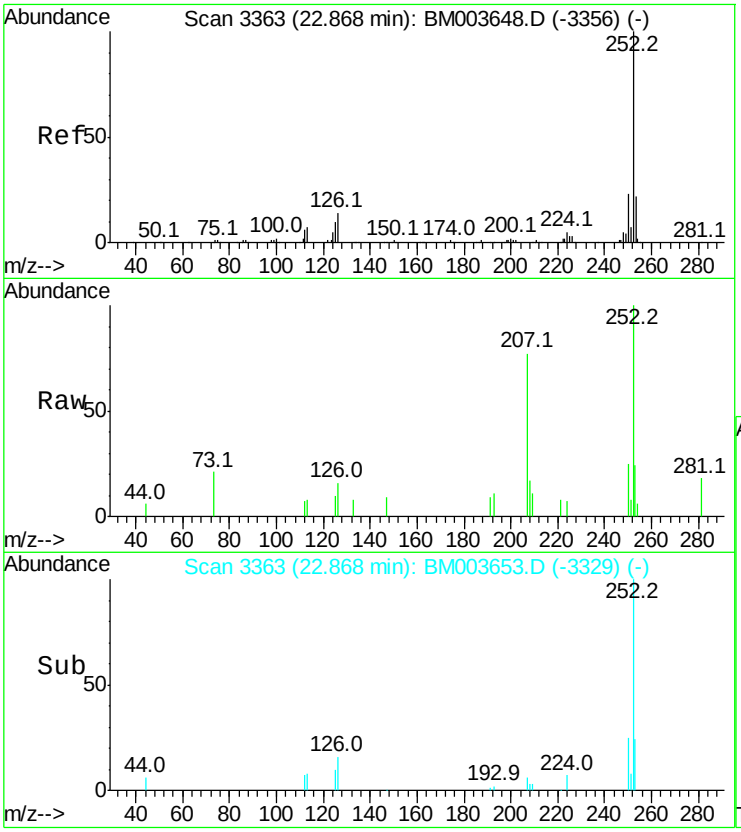


#85
Chrysene
Concen: 2.08 ng/ul
RT: 21.33 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:228 Resp: 22923

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	23.0	15.6	23.4



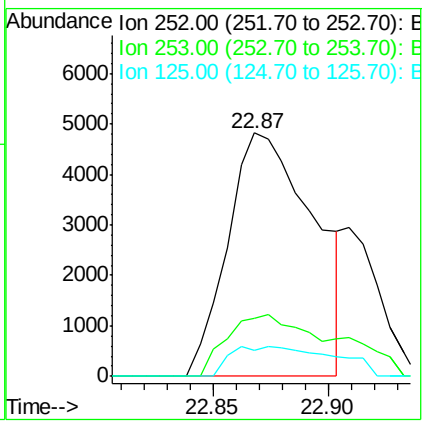


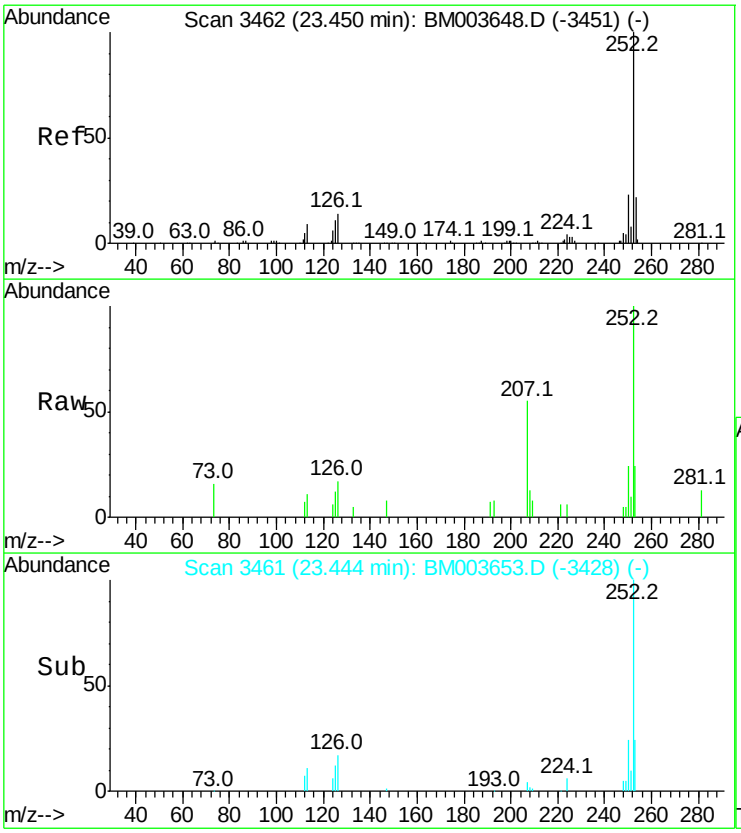
#88
Benzo(b)fluoranthene
Concen: 1.17 ng/ul
RT: 22.87 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion:252 Resp: 12469

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	10.5	8.5	12.7





#91
Benzo(a)pyrene
Concen: 1.23 ng/ul
RT: 23.44 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion:252 Resp: 12547

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	11.7	9.0	13.6