Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T84

Quant Time: Apr 19 08:28:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1148	0.40	ng/ul	0.00
4) Naphthalene-d8	10.61	136	4684	0.40	ng/ul	0.00
8) Acenaphthene-d10	14.45	164	2428	0.40	ng/ul	0.00
12) Phenanthrene-d10	17.28	188	193886	0.40	ng/ul	0.09
18) Chrysene-d12	21.39	240	4082	0.40	ng/ul	0.00
22) Perylene-d12	23.52	264	143064	0.40	ng/ul	-0.15
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.31	96	861	1.56	ng/uL	0.00
6) 2-Methylnaphthalene-d10	12.21	152	990	0.18	ng/ul	0.01
16) Fluoranthene-d10	19.23	212	2241	0.01	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.66	128	101	0.01	ng/ul#	1
7) 2-Methylnaphthalene	12.28	142	76	0.01	ng/ul	90
9) Acenaphthylene	14.16	152	132	0.01	ng/ul#	23
10) Acenaphthene	14.50	153	75	0.01	ng/ul#	80
11) Fluorene	15.50	166	246	0.03	ng/ul#	80
13) Pentachlorophenol	16.85	266	50	0.00	ng/ul#	80
14) Phenanthrene	17.31	178	575	0.00	ng/ul#	59
15) Anthracene	17.31	178	592	0.00	ng/ul#	58
17) Fluoranthene	19.25	202	571	0.00	ng/ul	69
19) Pyrene	19.62	202	947	0.06	ng/ul#	77
20) Benzo(a)anthracene	21.37	228	341	0.03	ng/ul#	64
21) Chrysene	21.42	228	331	0.03	ng/ul#	66
23) Benzo(b)fluoranthene	22.98	252	378	0.00	ng/ul#	2
24) Benzo(k)fluoranthene	22.98	252	428	0.00	ng/ul#	5
25) Benzo(a)pyrene	23.51	252	849	0.00	ng/ul#	1
26) Indeno(1,2,3-cd)pyrene	25.74	276	3	0.00	ng/ul#	46

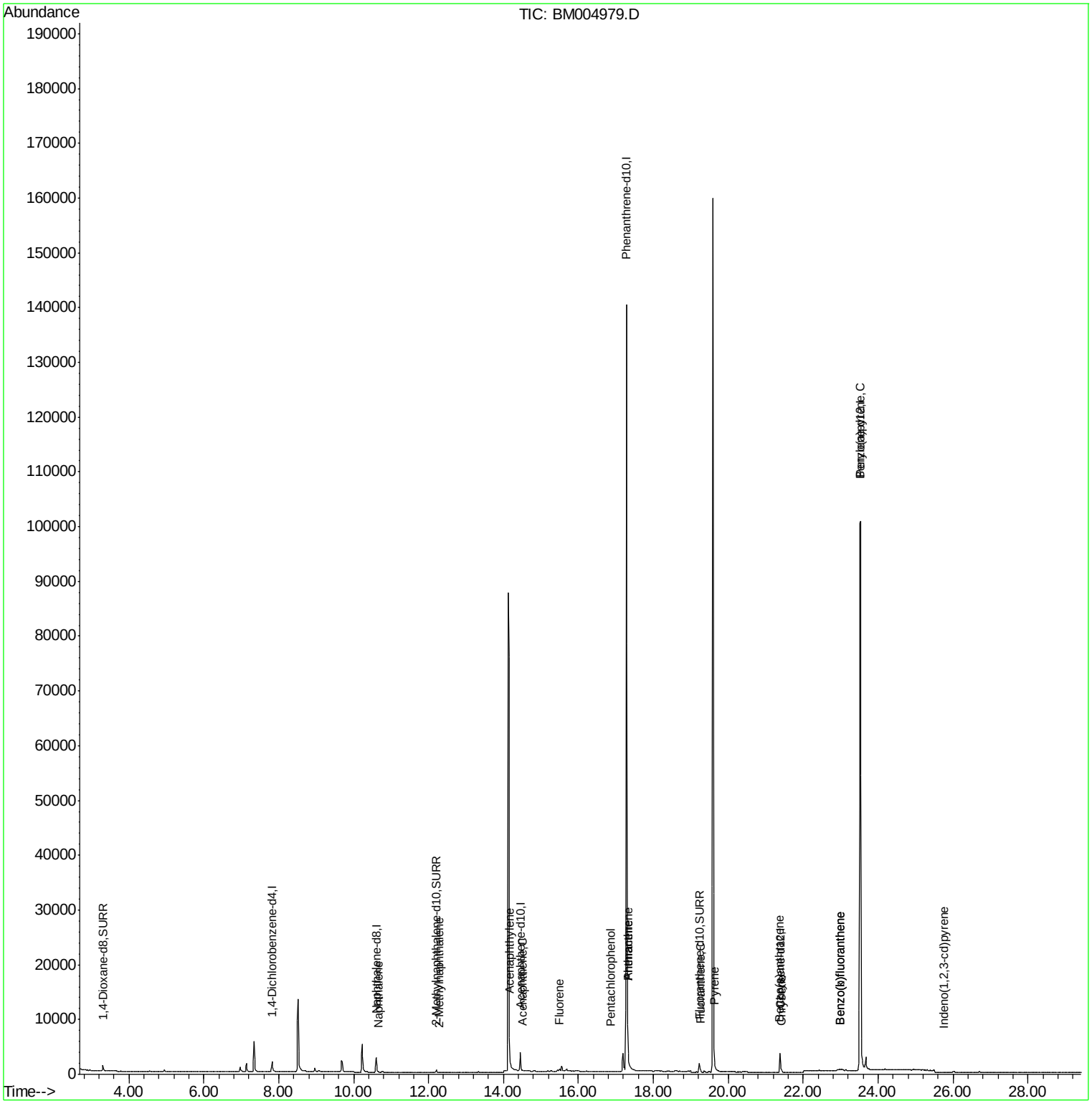
(#) = qualifier out of range (m) = manual integration (+) = signals summed

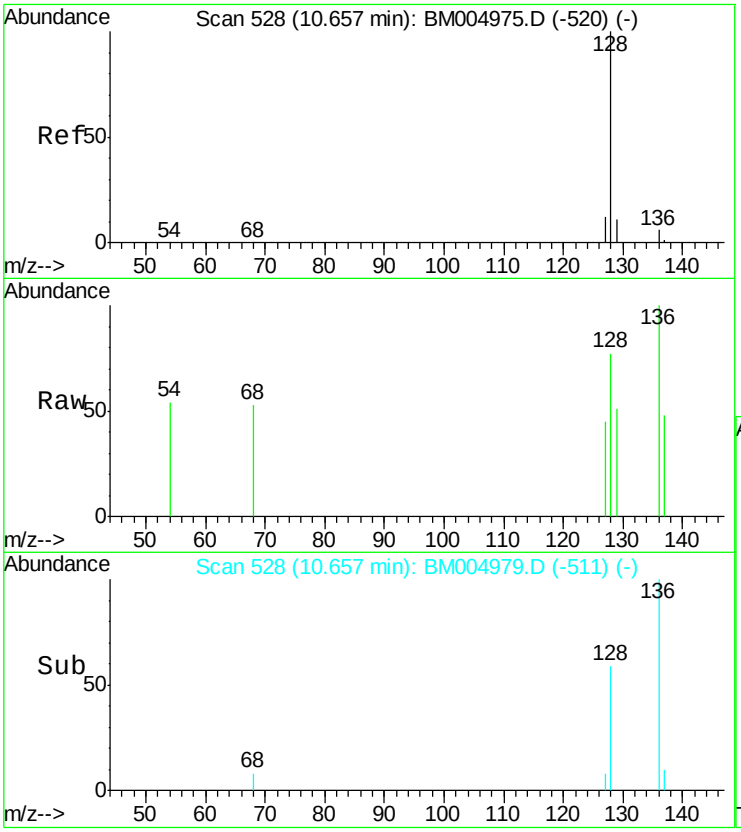
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041816\
Data File : BM004979.D
Acq On : 18 Apr 2016 18:55
Operator : UM/SJ
Sample : H2275-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9T84

Quant Time: Apr 19 08:28:14 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM041816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 19 08:25:48 2016
Response via : Initial Calibration



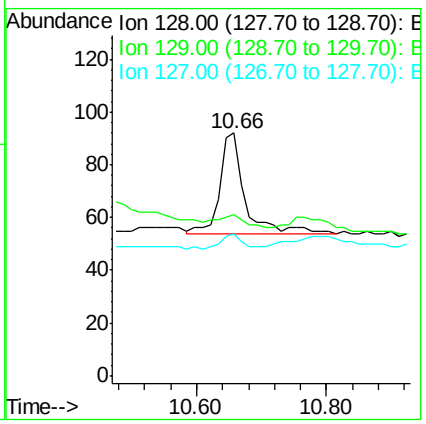


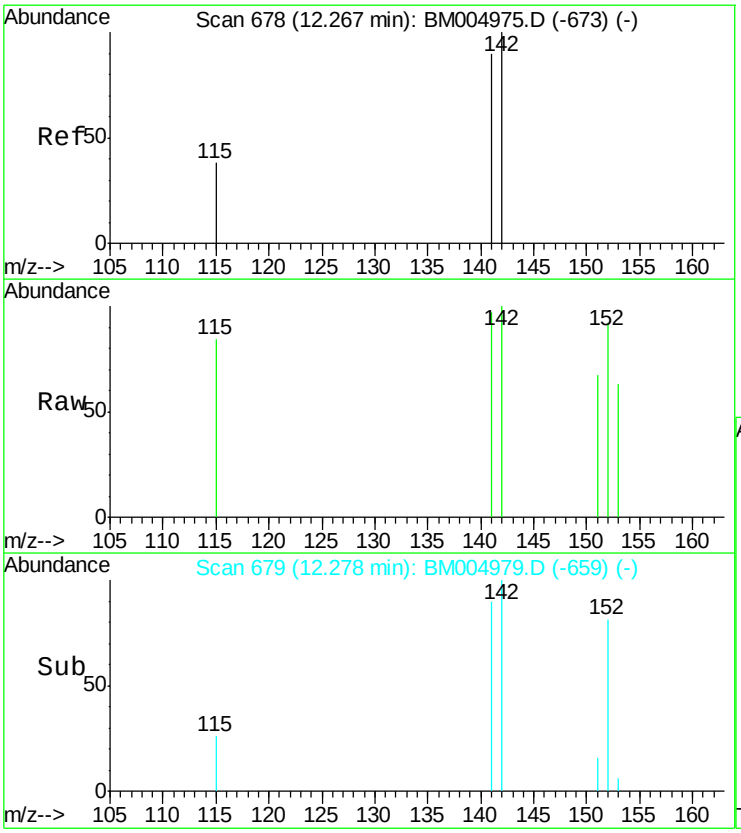
#5
Naphthalene
Concen: 0.01 ng/ul
RT: 10.66 min Scan# 528
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:128 Resp: 101

Ion	Ratio	Lower	Upper
128	100		
129	66.3	9.0	13.6#
127	58.7	9.6	14.4#

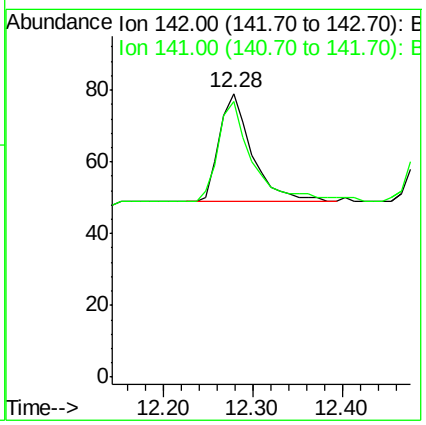


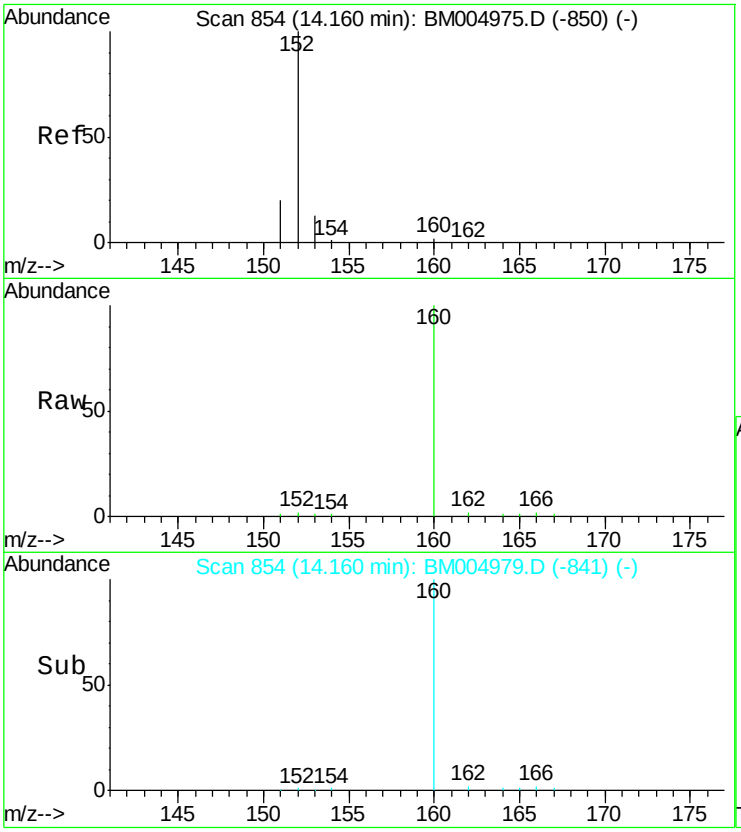


#7
2-Methylnaphthalene
Concen: 0.01 ng/ul
RT: 12.28 min Scan# 679
Delta R.T. 0.01 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:142 Resp: 76

Ion	Ratio	Lower	Upper
142	100		
141	97.4	70.3	105.5



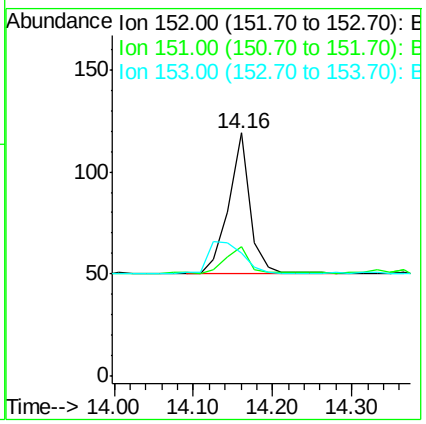


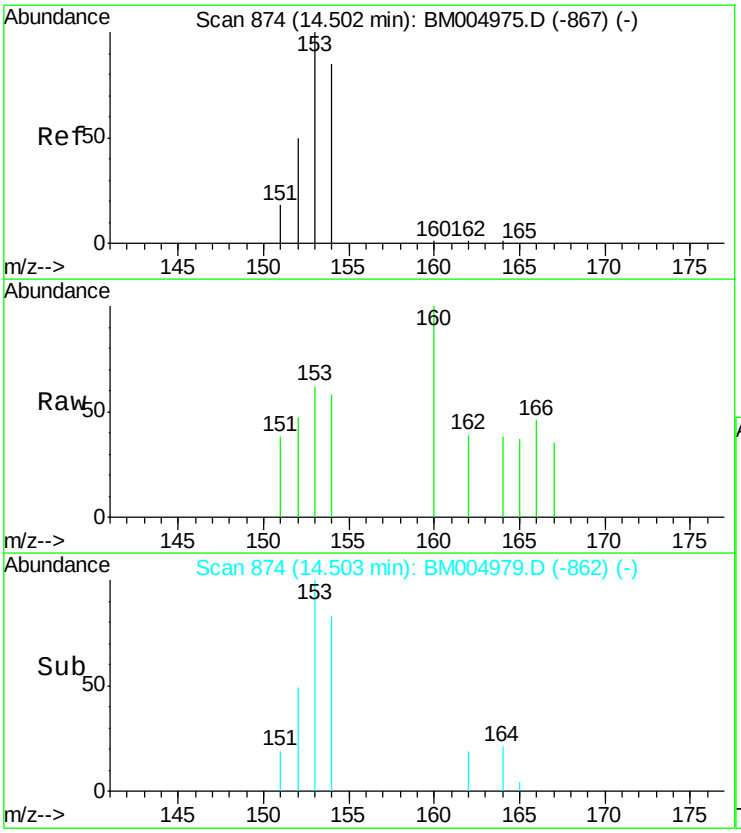
#9
Acenaphthylene
Concen: 0.01 ng/ul
RT: 14.16 min Scan# 854
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:152 Resp: 132

Ion	Ratio	Lower	Upper
152	100		
151	52.9	17.6	26.4#
153	50.4	9.7	14.5#

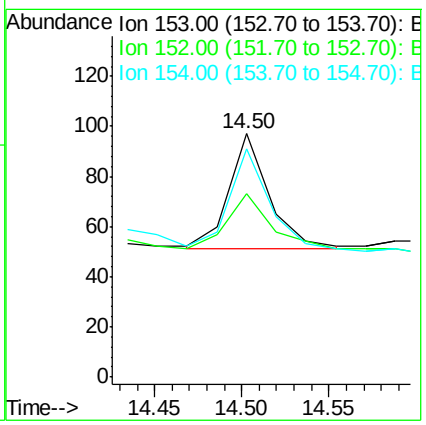


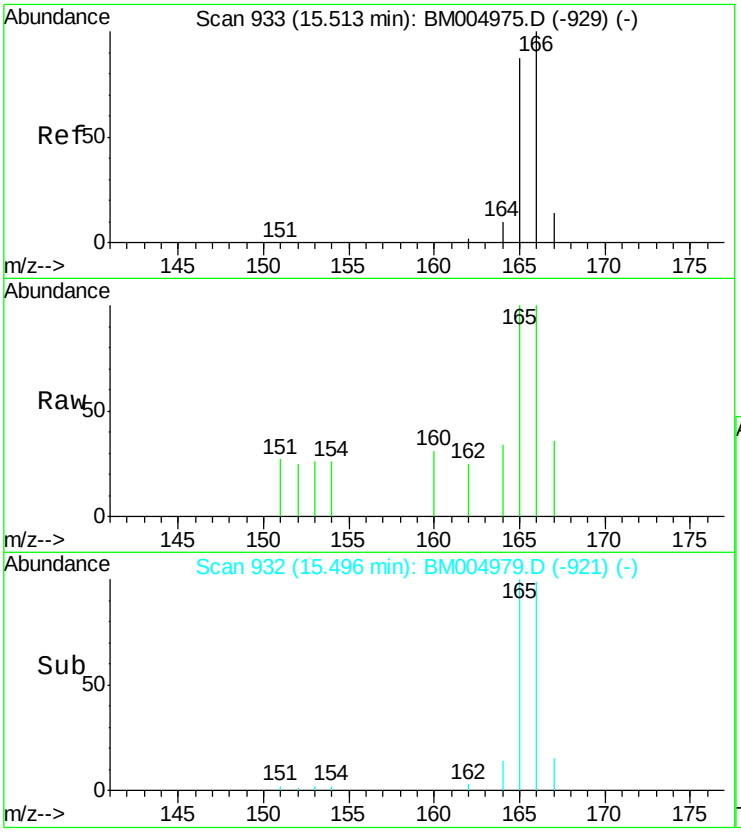


#10
Acenaphthene
Concen: 0.01 ng/ul
RT: 14.50 min Scan# 874
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:153 Resp: 75

Ion	Ratio	Lower	Upper
153	100		
152	75.3	33.9	50.9#
154	93.8	80.6	121.0



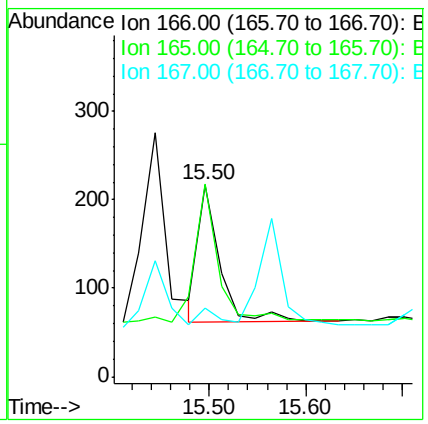


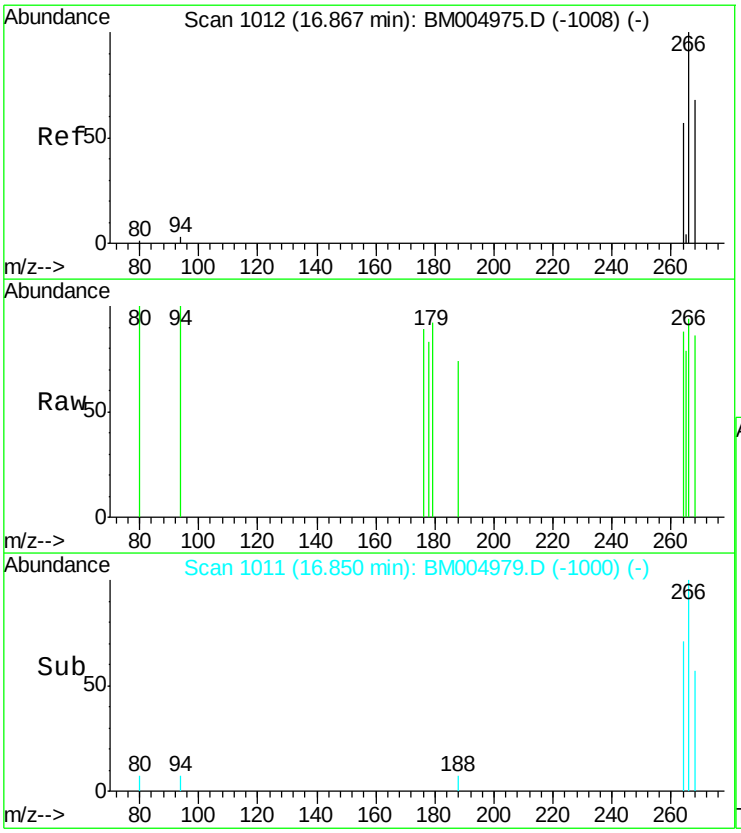
#11
Fluorene
Concen: 0.03 ng/ul
RT: 15.50 min Scan# 932
Delta R.T. -0.02 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:166 Resp: 246

Ion	Ratio	Lower	Upper
166	100		
165	100.5	69.6	104.4
167	35.9	11.9	17.9#

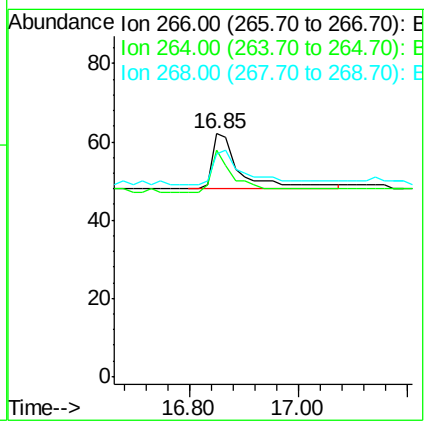


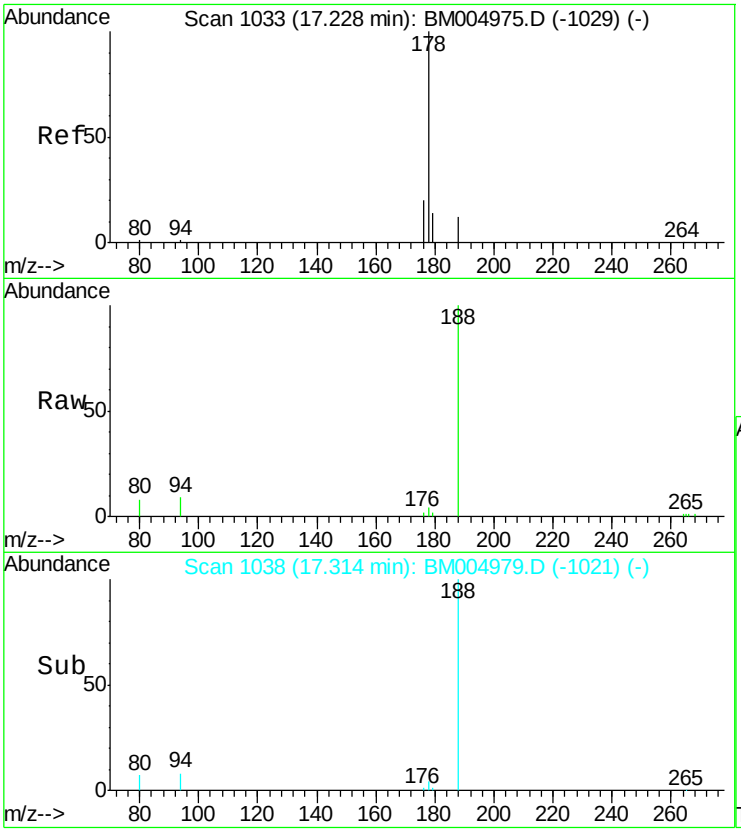


#13
Pentachlorophenol
Concen: 0.00 ng/ul
RT: 16.85 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:266 Resp: 50

Ion	Ratio	Lower	Upper
266	100		
264	76.0	51.8	77.8
268	78.0	46.8	70.2#



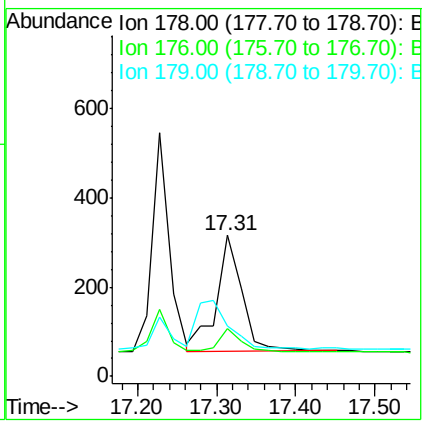


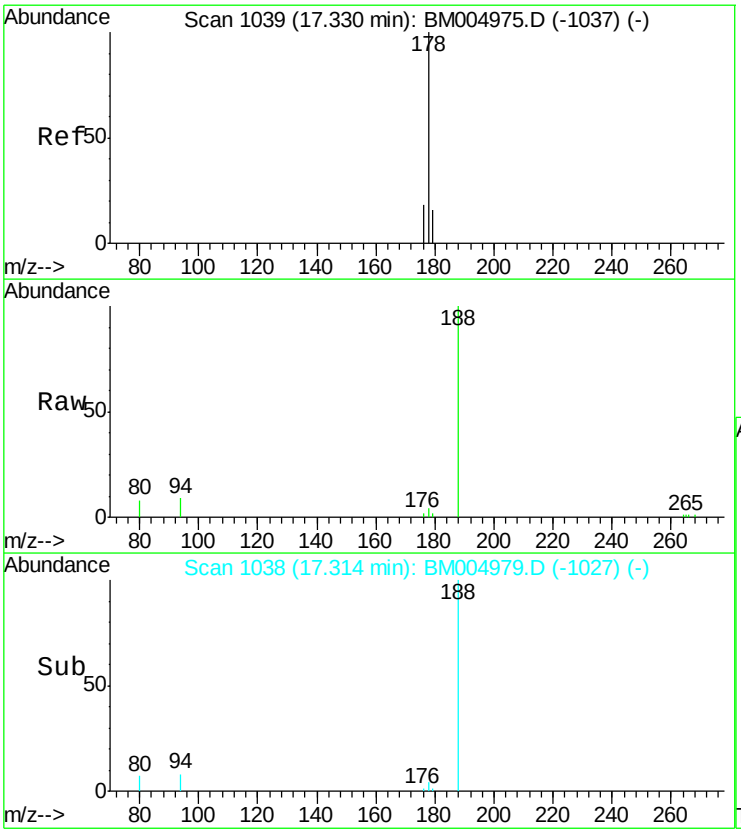
#14
Phenanthrene
Concen: 0.00 ng/ul
RT: 17.31 min Scan# 1038
Delta R.T. 0.09 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:178 Resp: 575

Ion	Ratio	Lower	Upper
178	100		
176	34.0	13.0	19.4#
179	35.6	14.2	21.2#

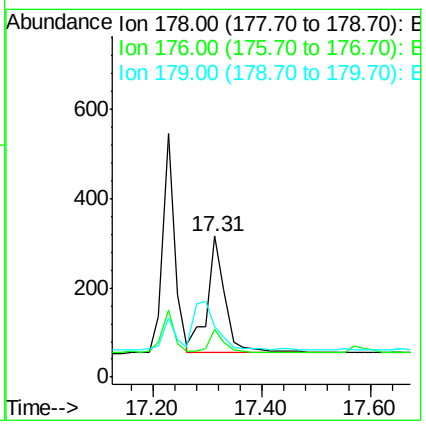


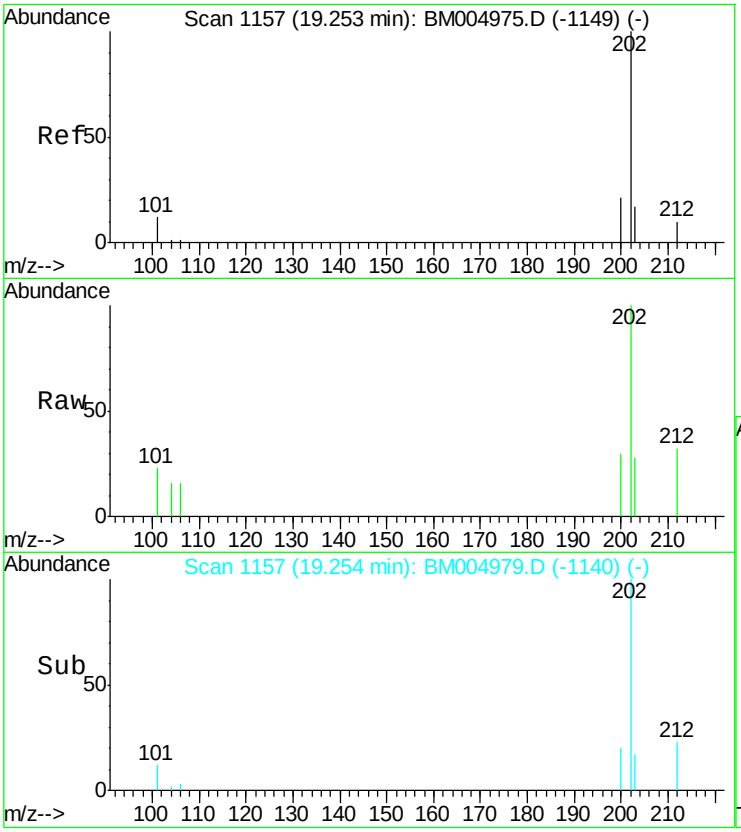


#15
Anthracene
Concen: 0.00 ng/ul
RT: 17.31 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:178 Resp: 592

Ion	Ratio	Lower	Upper
178	100		
176	34.0	14.0	21.0#
179	35.6	12.9	19.3#



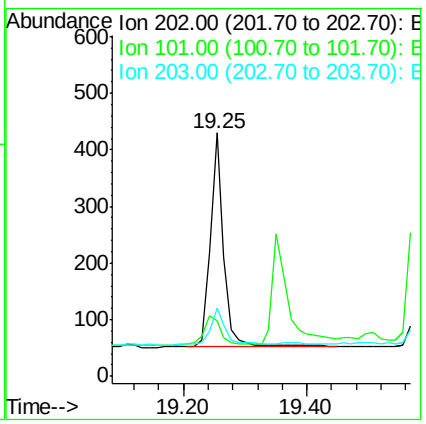


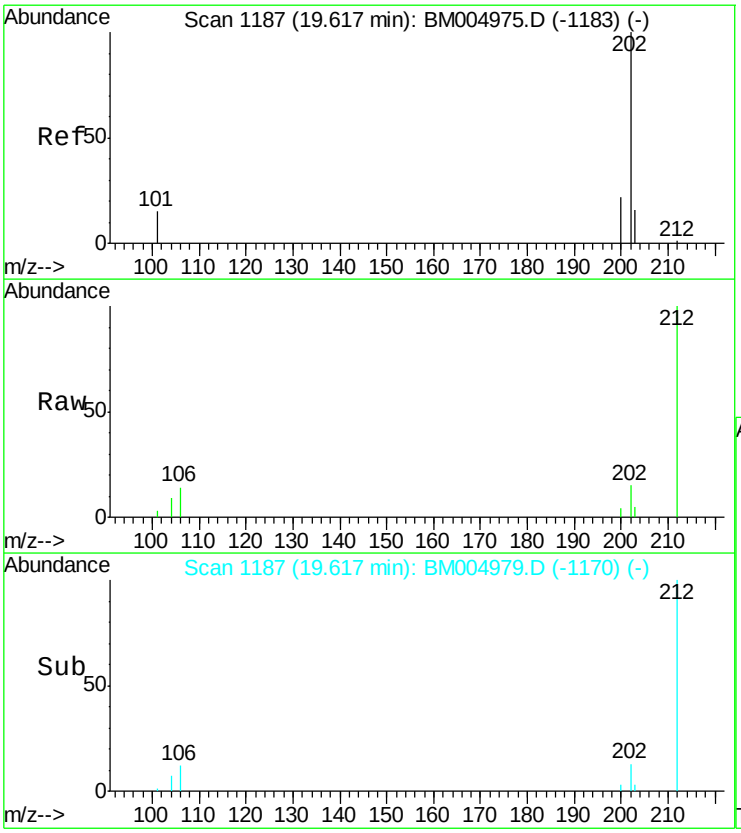
#17
Fluoranthene
Concen: 0.00 ng/ul
RT: 19.25 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:202 Resp: 571

Ion	Ratio	Lower	Upper
202	100		
101	22.8	0.0	29.6
203	28.1	0.0	36.3

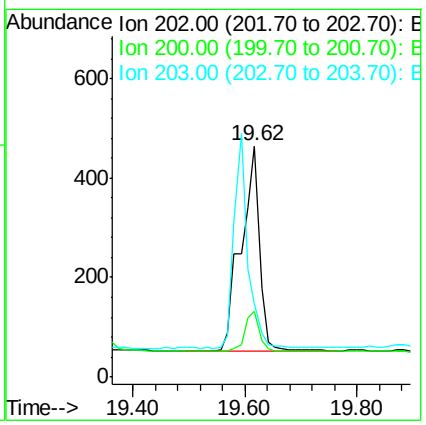


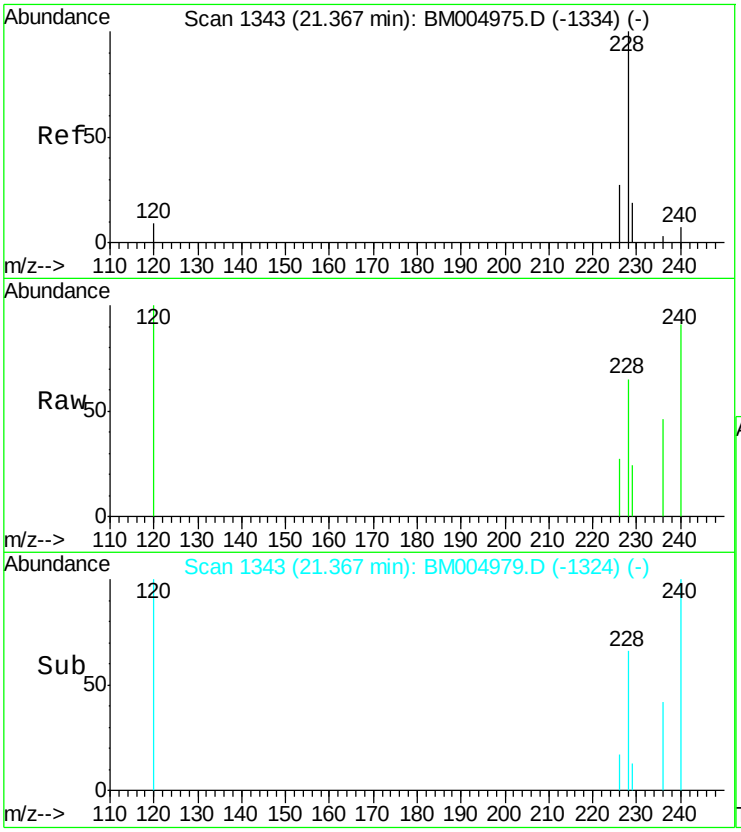


#19
Pyrene
Concen: 0.06 ng/ul
RT: 19.62 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:202 Resp: 947

Ion	Ratio	Lower	Upper
202	100		
200	28.4	17.8	26.8#
203	31.5	12.8	19.2#



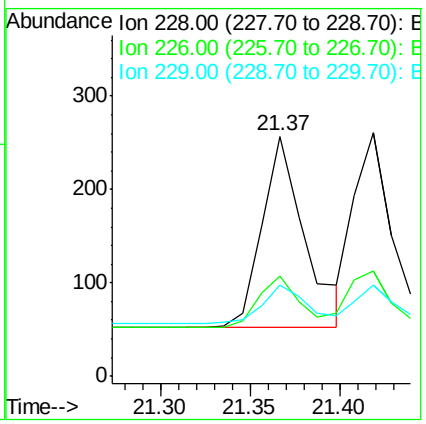


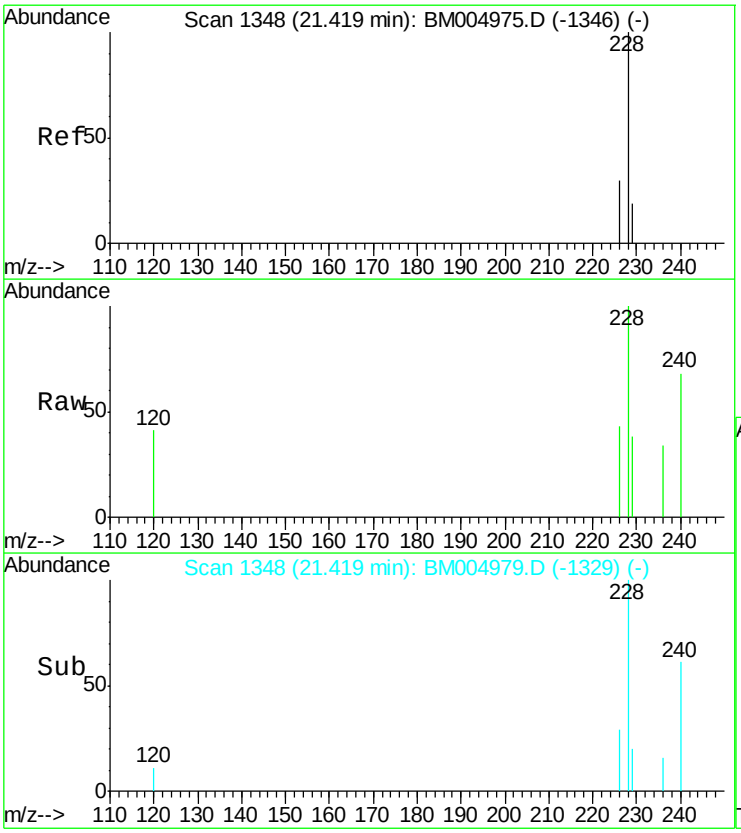
#20
Benzo(a)anthracene
Concen: 0.03 ng/ul
RT: 21.37 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:228 Resp: 341

Ion	Ratio	Lower	Upper
228	100		
226	41.6	18.8	28.2#
229	37.7	17.1	25.7#

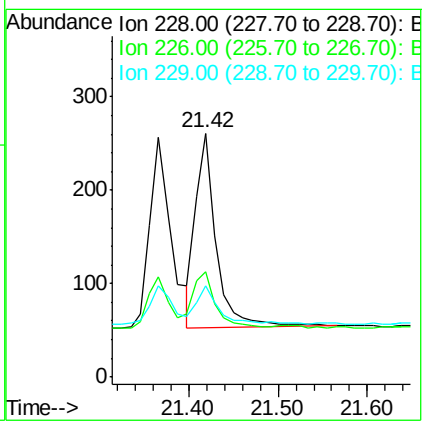


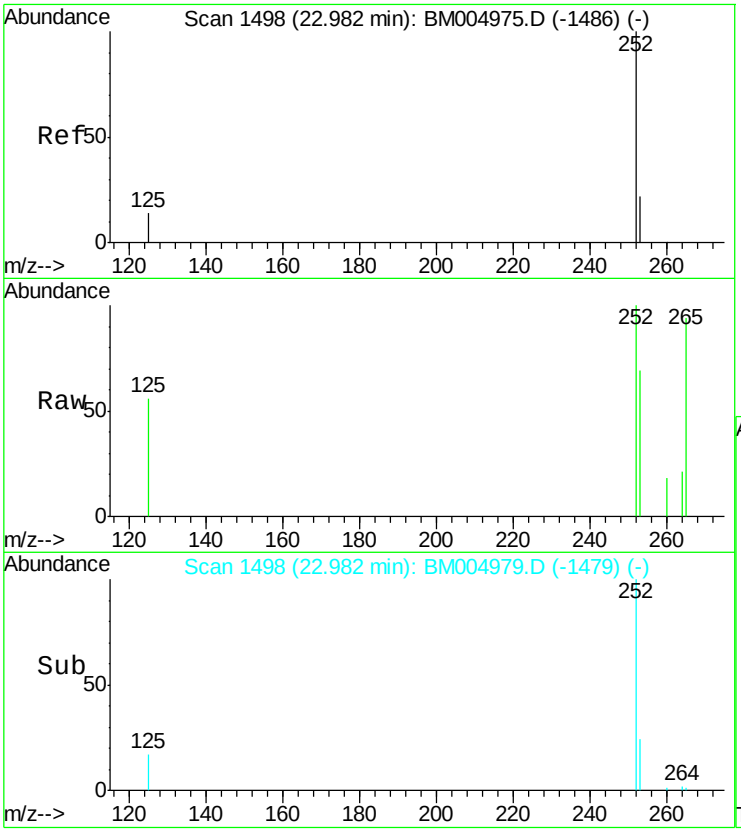


#21
Chrysene
Concen: 0.03 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:228 Resp: 331

Ion	Ratio	Lower	Upper
228	100		
226	43.3	21.2	31.8#
229	37.5	17.0	25.6#



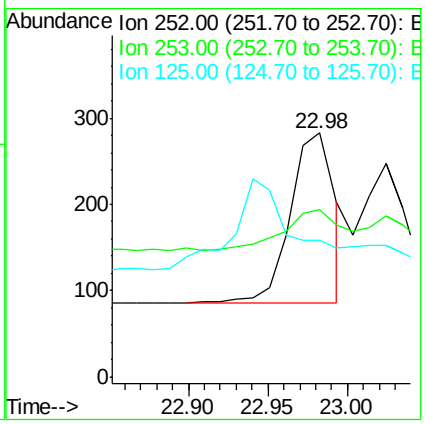


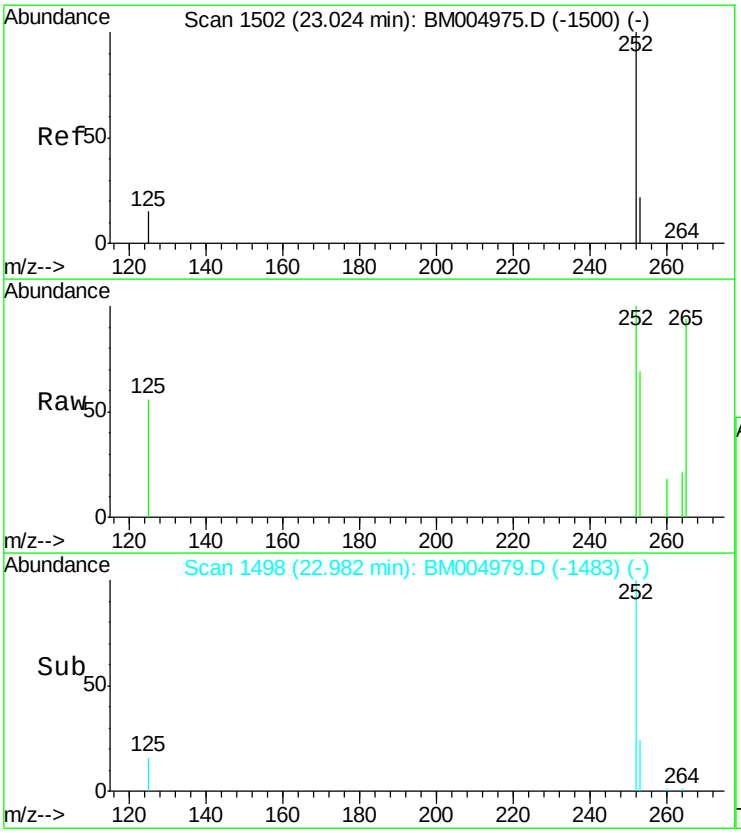
#23
Benzo(b)fluoranthene
Concen: 0.00 ng/ul
RT: 22.98 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:252 Resp: 378

Ion	Ratio	Lower	Upper
252	100		
253	68.6	0.0	45.4#
125	56.2	0.0	28.8#

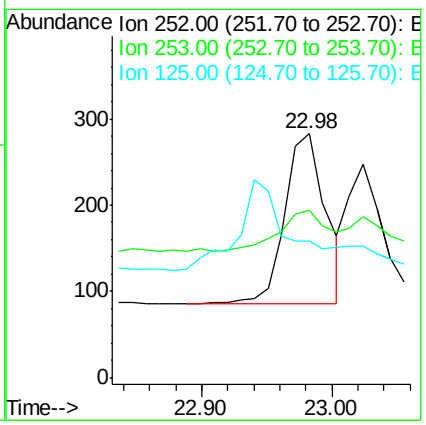


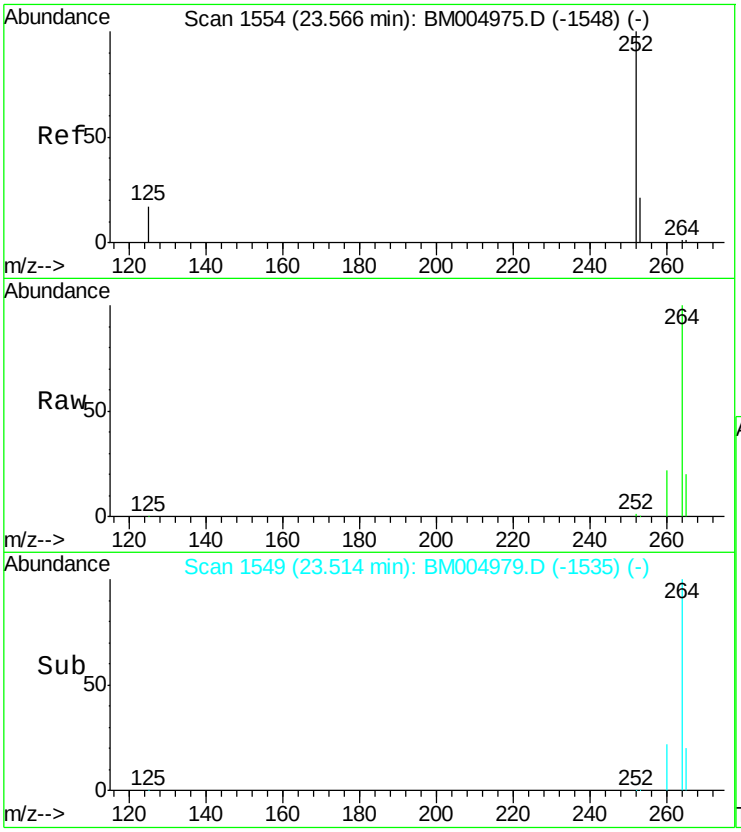


#24
Benzo(k)fluoranthene
Concen: 0.00 ng/ul
RT: 22.98 min Scan# 1498
Delta R.T. -0.04 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:252 Resp: 428

Ion	Ratio	Lower	Upper
252	100		
253	68.6	19.8	29.8#
125	56.2	10.4	15.6#



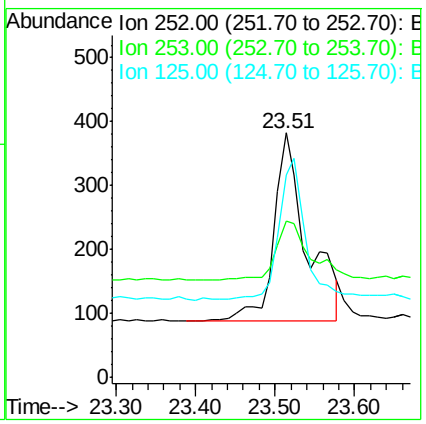


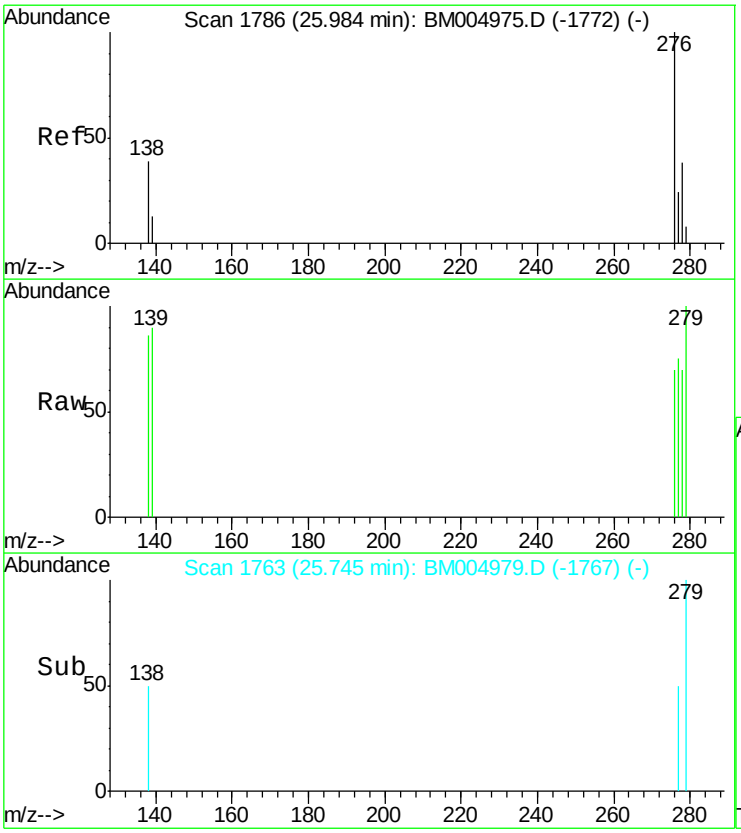
#25
Benzo(a)pyrene
Concen: 0.00 ng/ul
RT: 23.51 min Scan# 1549
Delta R.T. -0.05 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Instrument :
BNA_M
ClientSampleId :
D9T84

Tgt Ion:252 Resp: 849

Ion	Ratio	Lower	Upper
252	100		
253	63.9	19.4	29.2#
125	83.0	12.7	19.1#





#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng/ul
RT: 25.74 min Scan# 1763
Delta R.T. -0.24 min
Lab File: BM004979.D
Acq: 18 Apr 2016 18:55

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
138	66.7	16.3	24.5#
277	33.3	19.8	29.8#