Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008242.D
Acq On : 10 Dec 2016 21:05
Operator : UM/SJ
Sample : H5905-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Dec 12 03:54:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	629	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.46	136	2000	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.33	164	1128	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	2024	0.40	ng/ul	-0.02
16) Chrysene-d12	21.27	240	2006	0.40	ng/ul	-0.01
20) Perylene-d12	23.50	264	1904	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.07	152	693	0.24	ng/ul	-0.01
14) Fluoranthene-d10	19.11	212	1684	0.29	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.51	128	176	0.03	ng/ul#	34
5) 2-Methylnaphthalene	12.14	142	184	0.05	ng/ul	93
8) Acenaphthene	14.38	153	81	0.02	ng/ul#	84
9) Fluorene	15.32	166	306	0.07	ng/ul#	36
11) Pentachlorophenol	16.76	266	23	0.03	ng/ul#	69
12) Phenanthrene	17.11	178	367	0.06	ng/ul#	59
15) Fluoranthene	19.14	202	2067	0.25	ng/ul#	36
17) Pyrene	19.51	202	673	0.10	ng/ul#	51
18) Benzo(a)anthracene	21.26	228	252	0.04	ng/ul#	1
19) Chrysene	21.30	228	466	0.06	ng/ul#	15
21) Benzo(b)fluoranthene	22.84	252	787	0.10	ng/ul#	4
22) Benzo(k)fluoranthene	22.84	252	787	0.10	ng/ul#	1
23) Benzo(a)pyrene	23.41	252	246	0.03	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.76	276	317	0.04	ng/ul#	3
25) Dibenzo(a,h)anthracene	25.76	278	162	0.02	ng/ul#	1
26) Benzo(g,h,i)perylene	26.44	276	442	0.06	ng/ul#	39

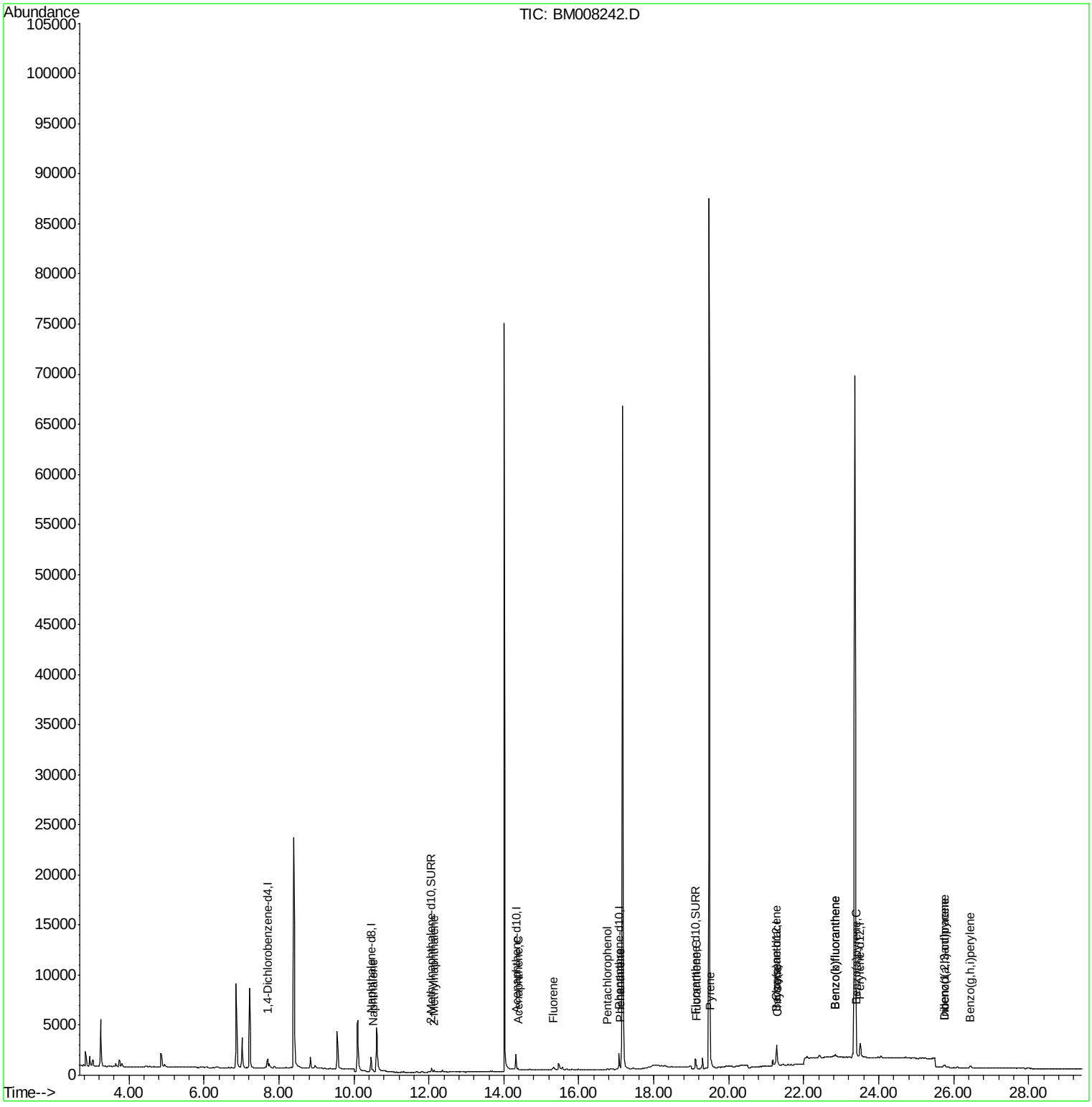
(#) = qualifier out of range (m) = manual integration (+) = signals summed

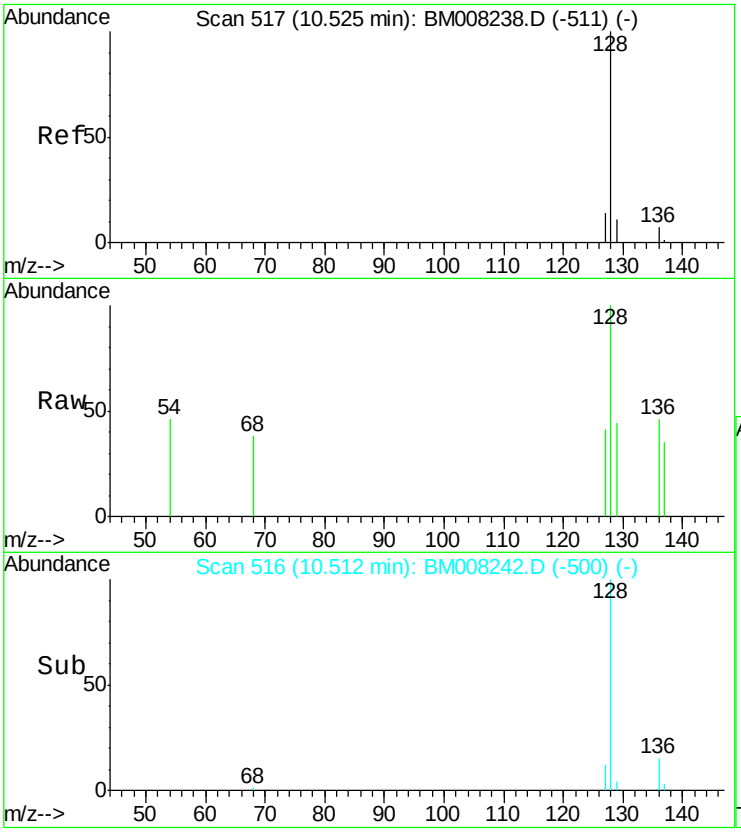
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121016\
Data File : BM008242.D
Acq On : 10 Dec 2016 21:05
Operator : UM/SJ
Sample : H5905-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 12 03:54:40 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 03:51:49 2016
Response via : Initial Calibration



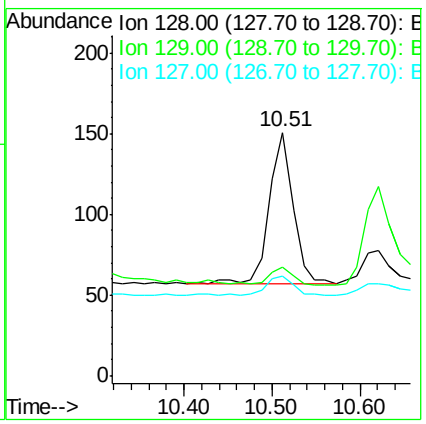


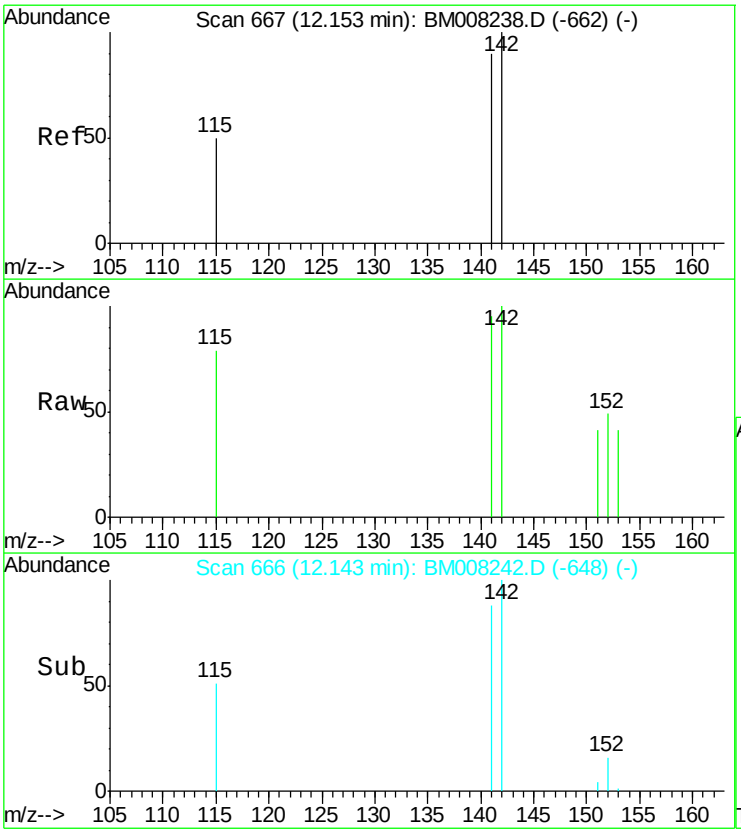
#3
Naphthalene
Concen: 0.03 ng/ul
RT: 10.51 min Scan# 516
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 176

Ion	Ratio	Lower	Upper
128	100		
129	44.4	11.3	16.9#
127	41.1	12.8	19.2#

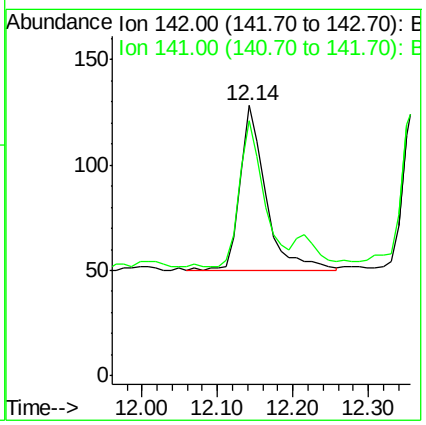


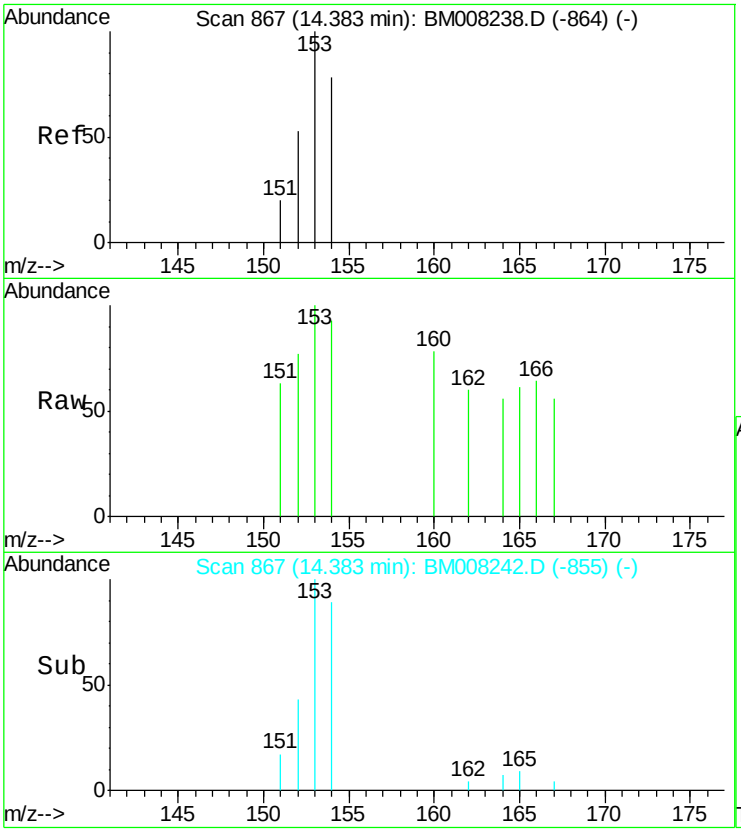


#5
2-Methylnaphthalene
Concen: 0.05 ng/ul
RT: 12.14 min Scan# 666
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:142 Resp: 184

Ion	Ratio	Lower	Upper
142	100		
141	83.7	72.6	108.8



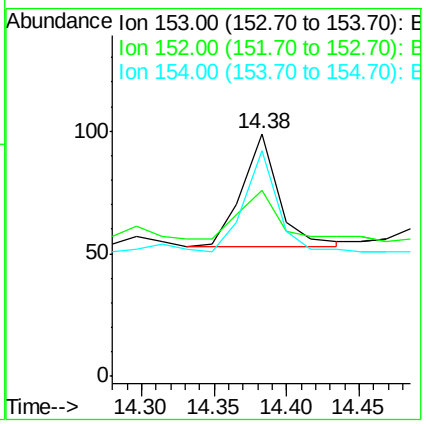


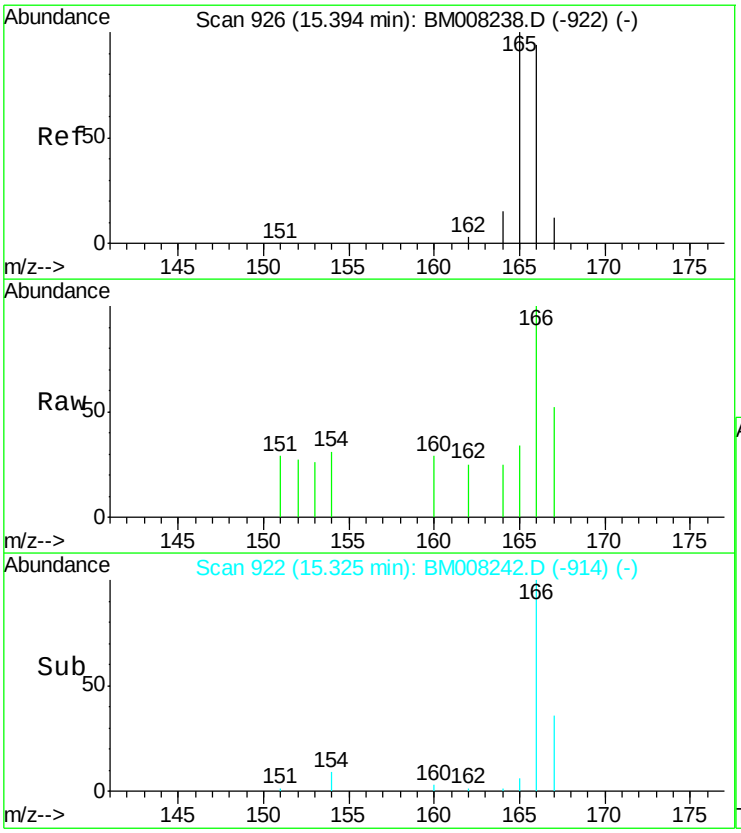
#8
Acenaphthene
Concen: 0.02 ng/ul
RT: 14.38 min Scan# 867
Delta R.T. -0.00 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:153 Resp: 81

Ion	Ratio	Lower	Upper
153	100		
152	76.8	40.3	60.5#
154	92.9	71.4	107.2

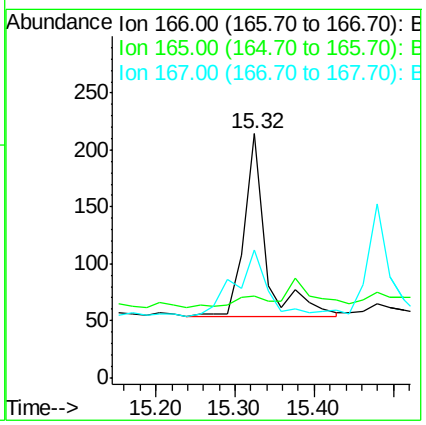


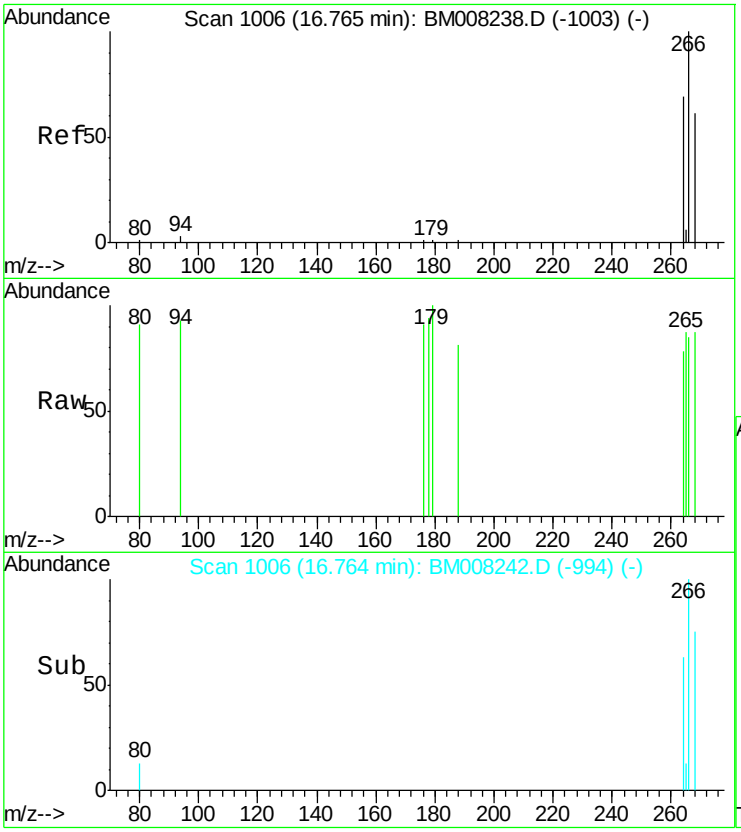


#9
Fluorene
Concen: 0.07 ng/ul
RT: 15.32 min Scan# 922
Delta R.T. -0.07 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:166 Resp: 306

Ion	Ratio	Lower	Upper
166	100		
165	33.6	73.4	110.2#
167	52.3	14.6	22.0#



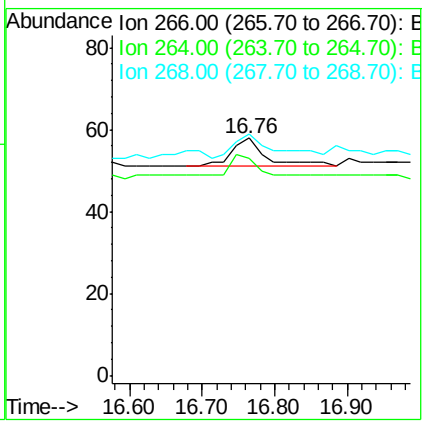


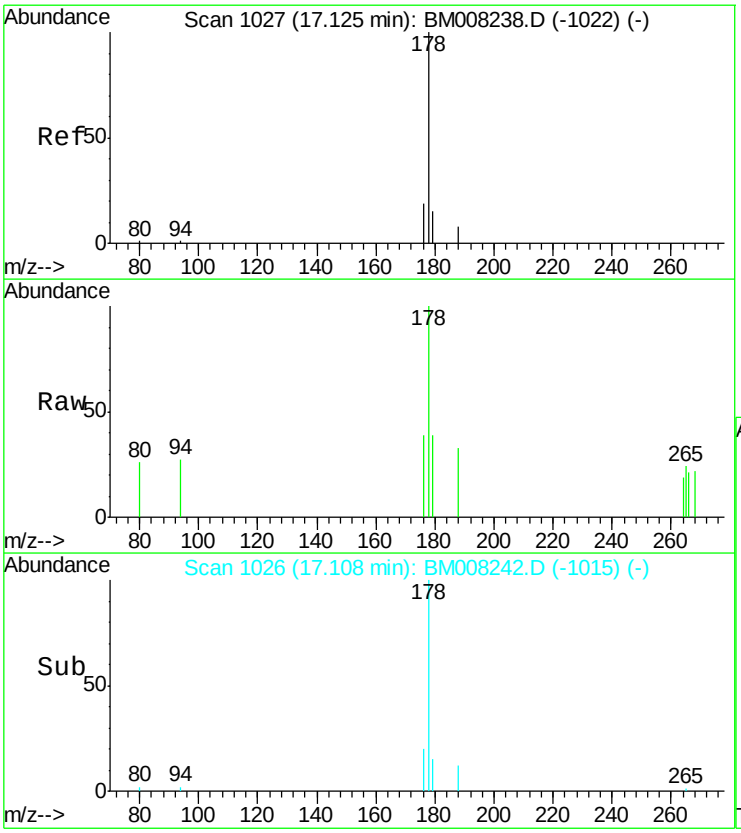
#11
Pentachlorophenol
Concen: 0.03 ng/ul
RT: 16.76 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:266 Resp: 23

Ion	Ratio	Lower	Upper
266	100		
264	65.2	47.9	71.9
268	104.3	49.8	74.8#

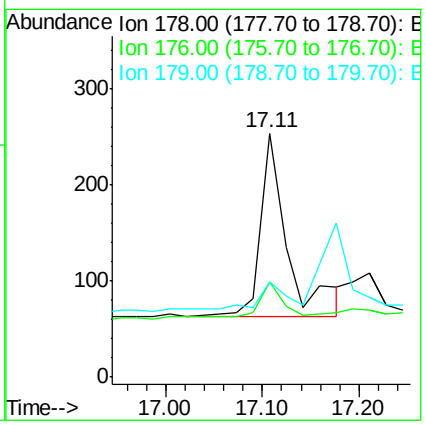


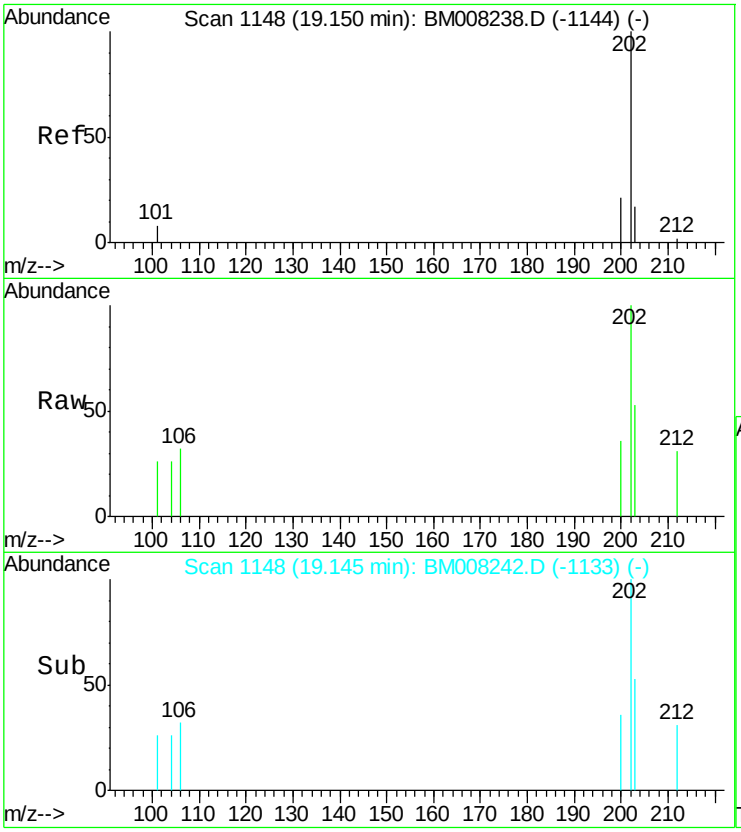


#12
Phenanthrene
Concen: 0.06 ng/ul
RT: 17.11 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:178 Resp: 367

Ion	Ratio	Lower	Upper
178	100		
176	39.1	18.4	27.6#
179	39.1	13.6	20.4#



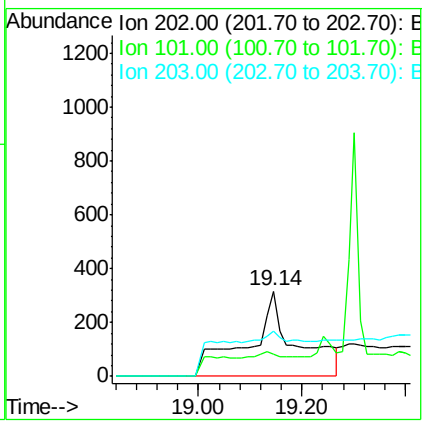


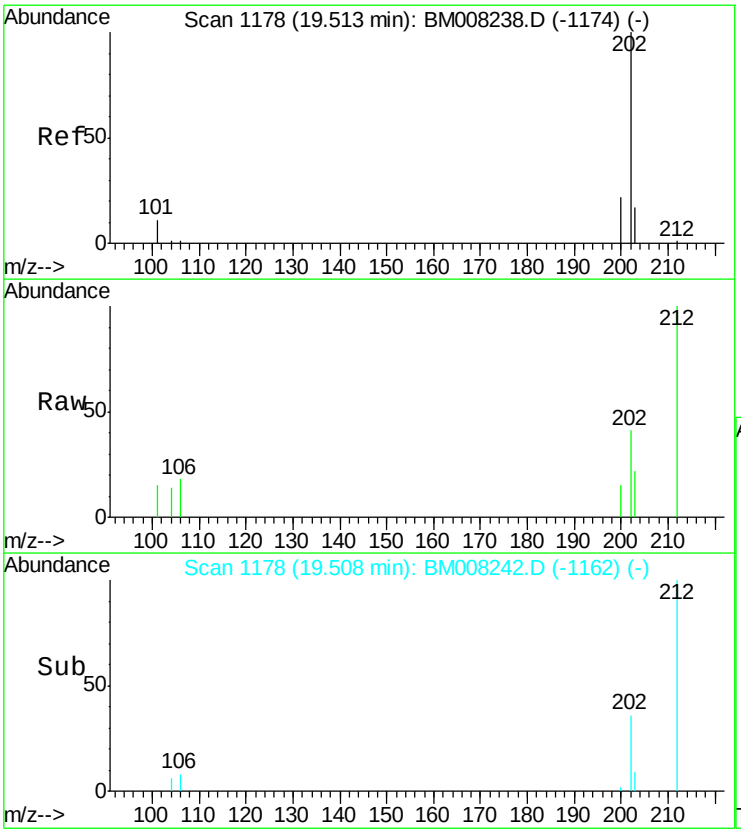
#15
Fluoranthene
Concen: 0.25 ng/ul
RT: 19.14 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2067

Ion	Ratio	Lower	Upper
202	100		
101	26.5	0.0	30.3
203	53.3	0.0	39.5#

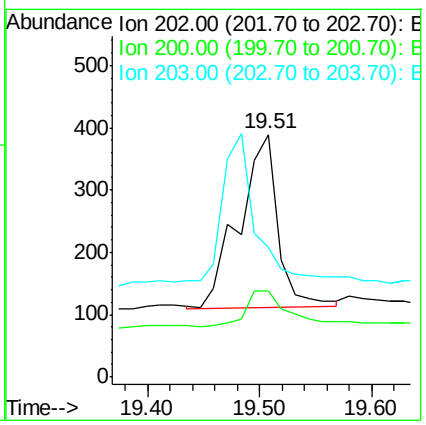


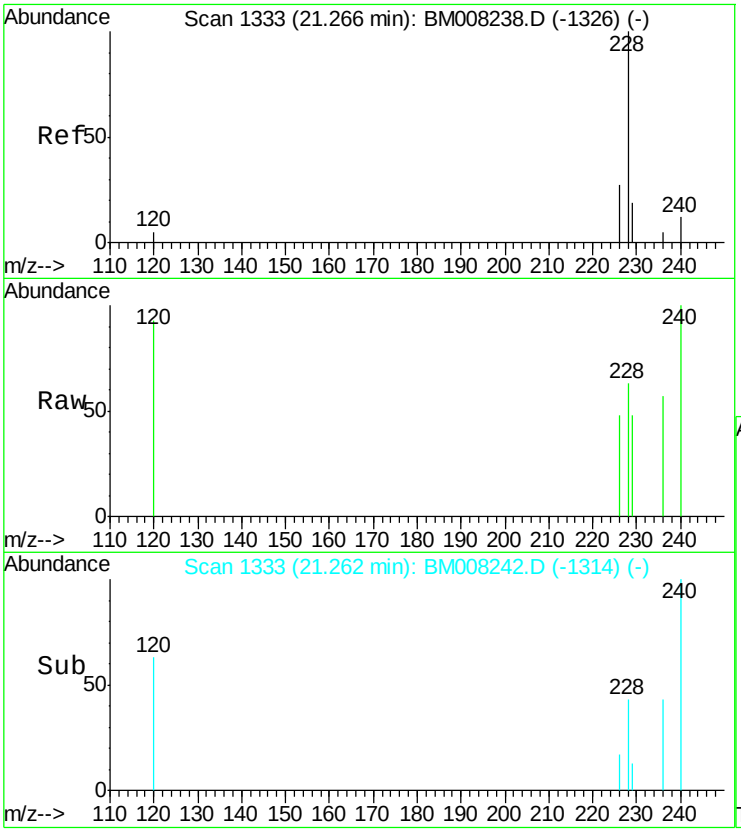


#17
Pyrene
Concen: 0.10 ng/ul
RT: 19.51 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:202 Resp: 673

Ion	Ratio	Lower	Upper
202	100		
200	35.7	18.2	27.4#
203	53.5	15.6	23.4#



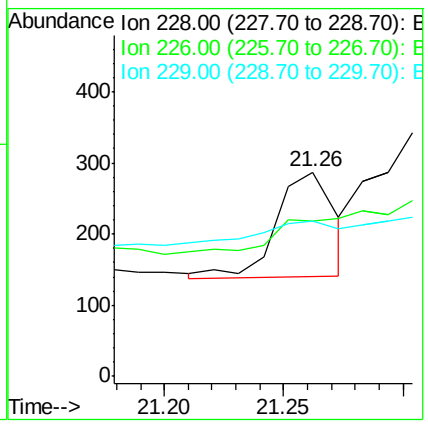


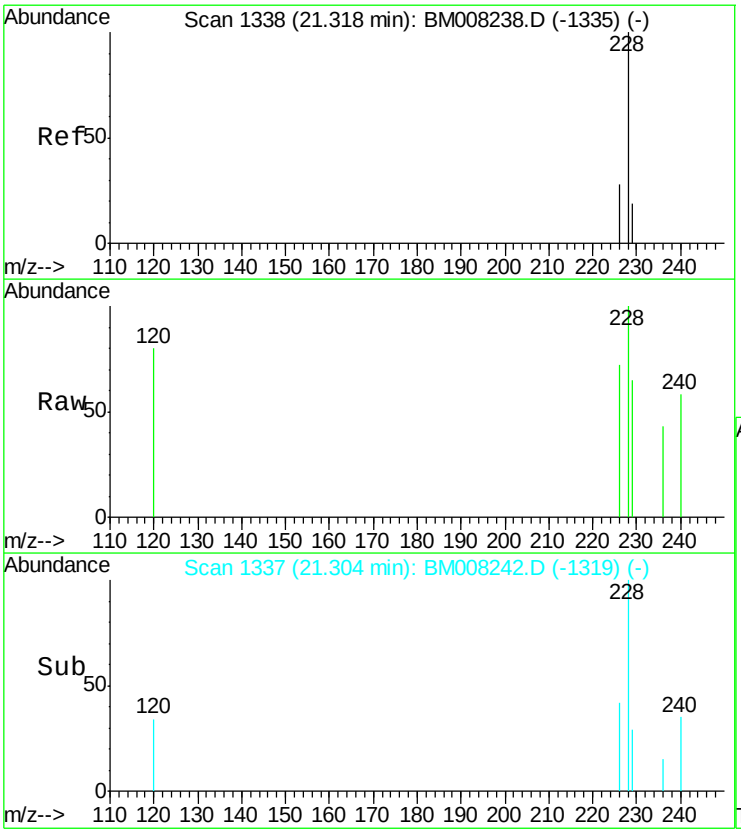
#18
Benzo(a)anthracene
Concen: 0.04 ng/ul
RT: 21.26 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 252

Ion	Ratio	Lower	Upper
228	100		
226	76.3	22.8	34.2#
229	76.3	17.0	25.6#

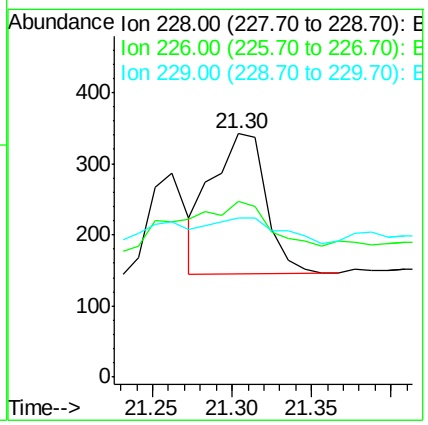


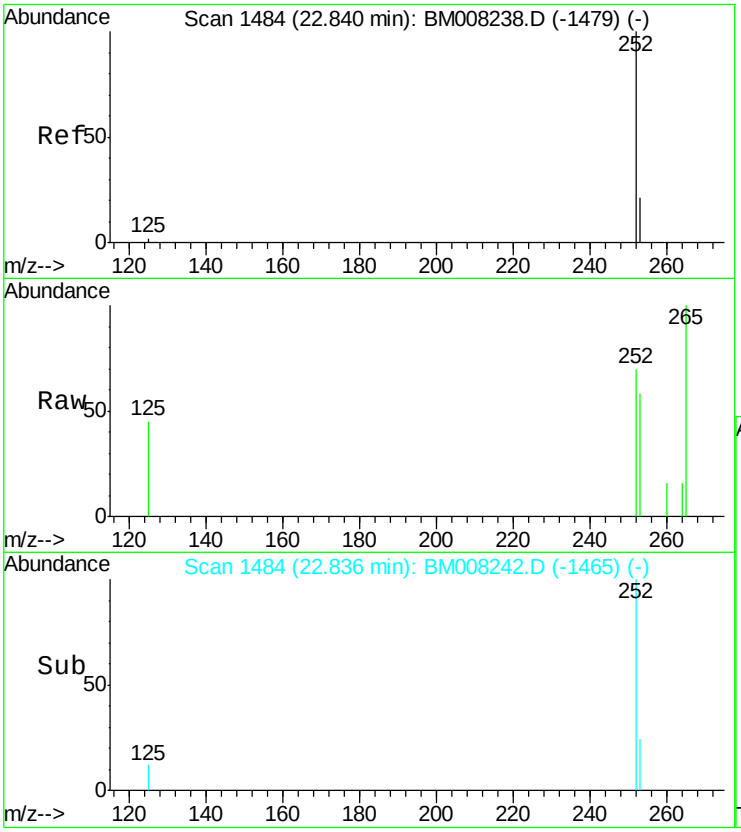


#19
Chrysene
Concen: 0.06 ng/ul
RT: 21.30 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:228 Resp: 466

Ion	Ratio	Lower	Upper
228	100		
226	72.2	23.4	35.0#
229	65.2	17.7	26.5#



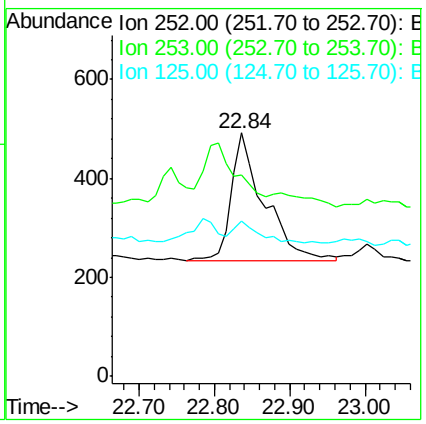


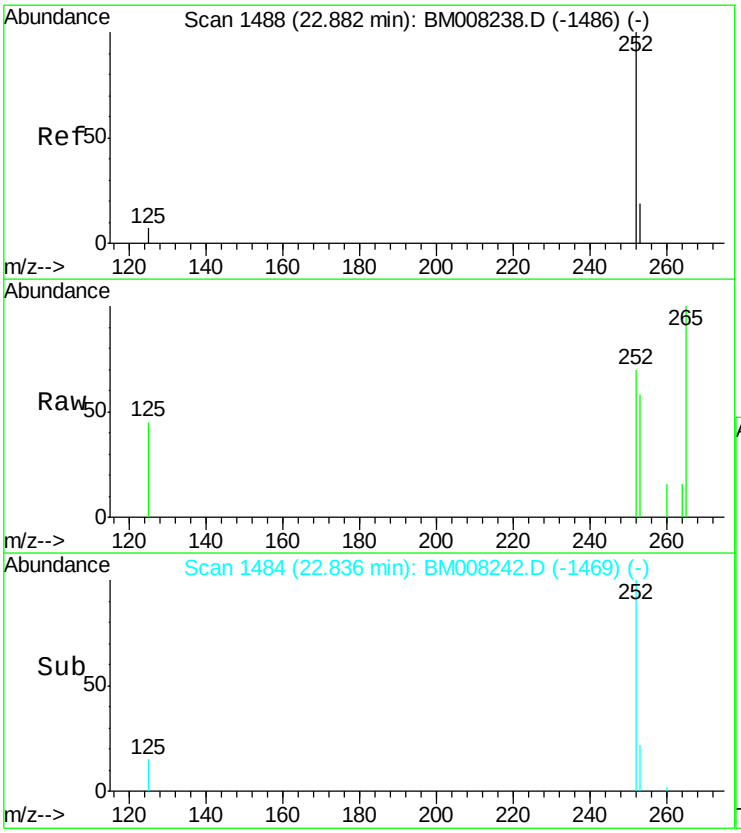
#21
Benzo(b)fluoranthene
Concen: 0.10 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 787

Ion	Ratio	Lower	Upper
252	100		
253	82.5	0.0	64.2#
125	64.0	0.0	35.0#

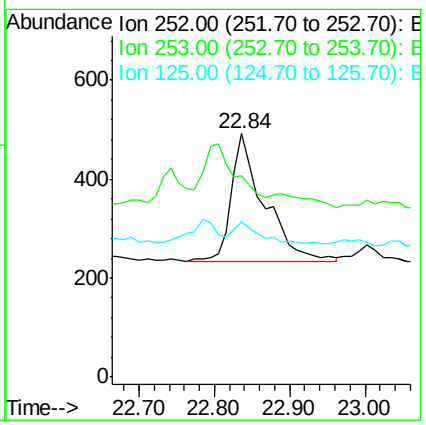


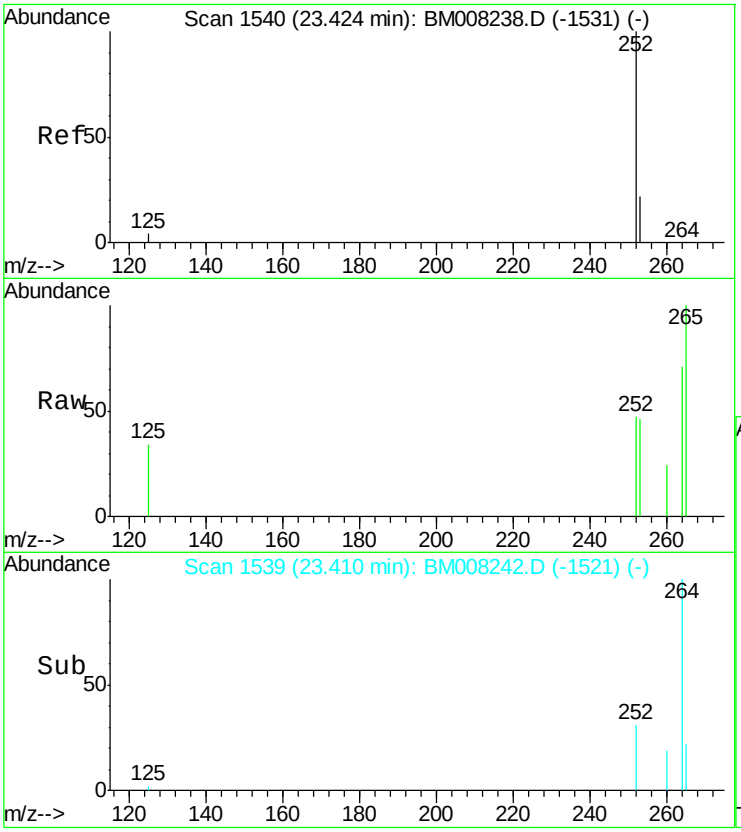


#22
Benzo(k)fluoranthene
Concen: 0.10 ng/ul
RT: 22.84 min Scan# 1484
Delta R.T. -0.05 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:252 Resp: 787

Ion	Ratio	Lower	Upper
252	100		
253	82.5	24.5	36.7#
125	64.0	13.7	20.5#



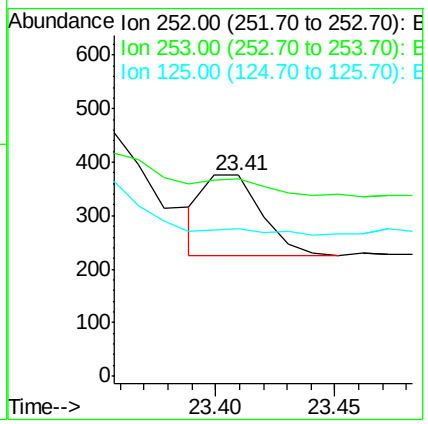


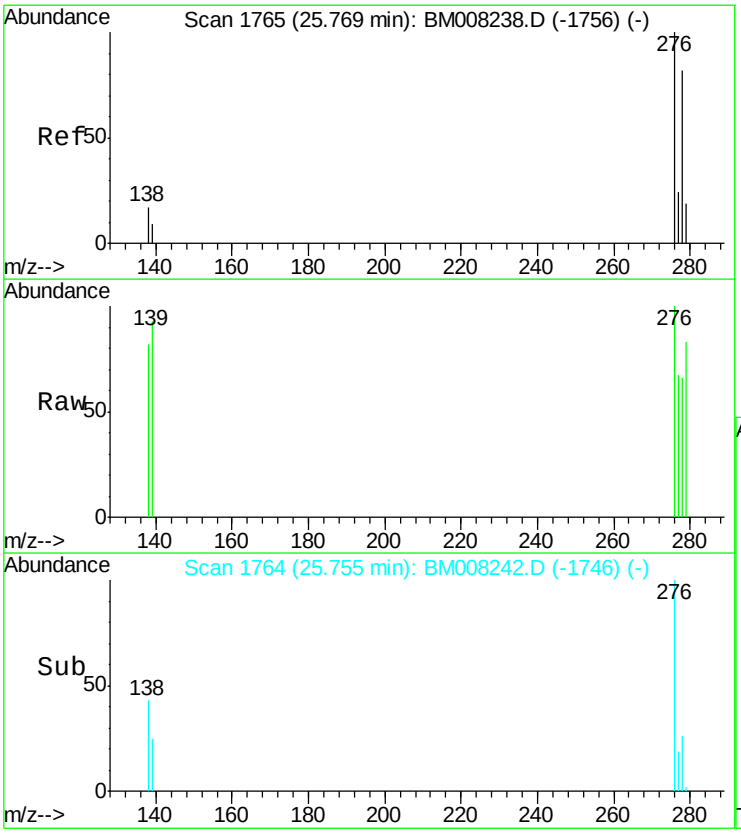
#23
Benzo(a)pyrene
Concen: 0.03 ng/ul
RT: 23.41 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 246

Ion	Ratio	Lower	Upper
252	100		
253	98.1	28.5	42.7#
125	73.1	18.1	27.1#

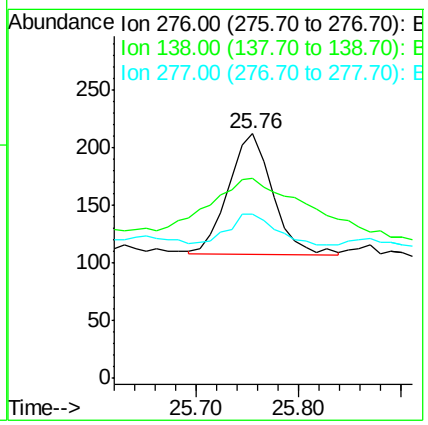


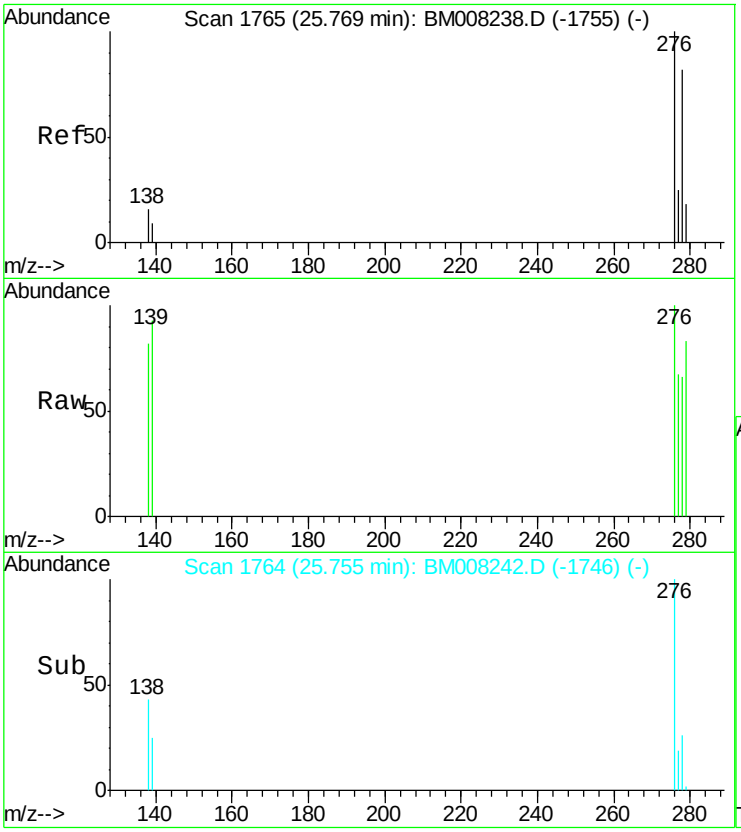


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.04 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:276 Resp: 317

Ion	Ratio	Lower	Upper
276	100		
138	117.7	19.1	28.7#
277	27.1	19.6	29.4



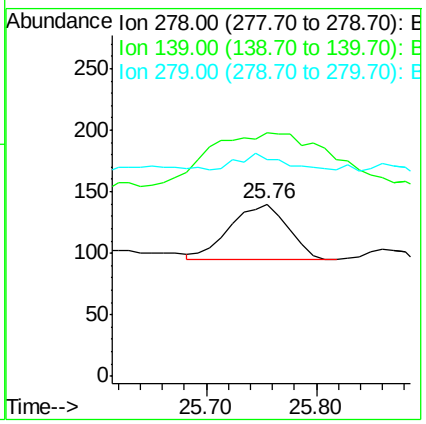


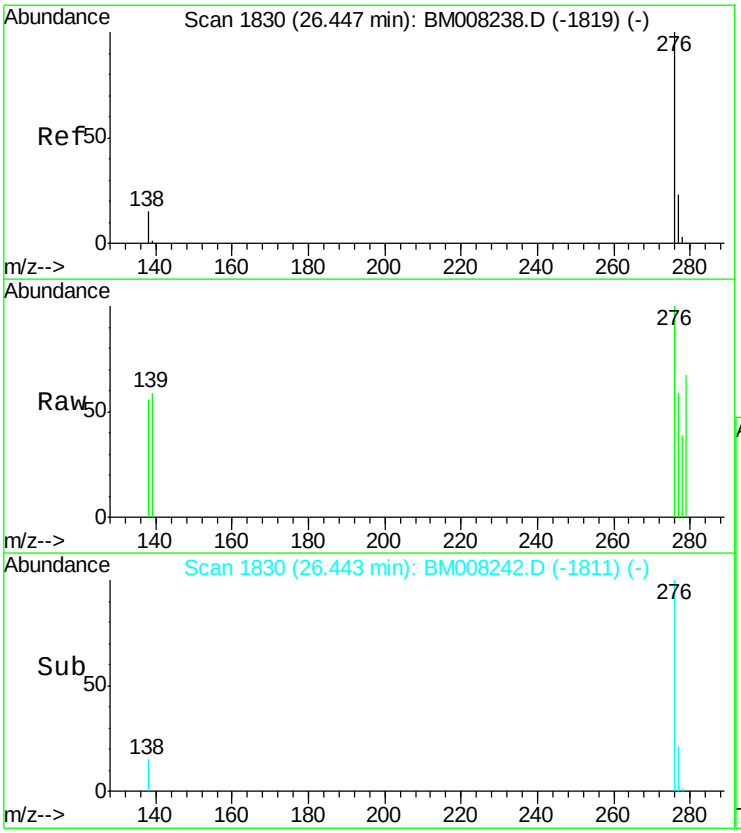
#25
Dibenzo(a,h)anthracene
Concen: 0.02 ng/ul
RT: 25.76 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 162

Ion	Ratio	Lower	Upper
278	100		
139	141.4	17.4	26.0#
279	125.7	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.06 ng/ul
RT: 26.44 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BM008242.D
Acq: 10 Dec 2016 21:05

Tgt Ion:276 Resp: 442

Ion	Ratio	Lower	Upper
276	100		
277	59.3	21.8	32.8#
138	56.4	20.5	30.7#