Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008565.D
Acq On : 22 Dec 2016 20:50
Operator : UM/SJ
Sample : H5938-11DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA831DL

Quant Time: Dec 23 04:16:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 04:12:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	441	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1402	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.19	164	162	0.40	ng/ul	-0.10
10) Phenanthrene-d10	17.04	188	1686	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1538	0.40	ng/ul	-0.01
20) Perylene-d12	23.49	264	1635	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	225	0.10	ng/ul	-0.06
14) Fluoranthene-d10	19.09	212	1120	0.24	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.46	128	29234	7.41	ng/ul	94
5) 2-Methylnaphthalene	12.08	142	34269	12.91	ng/ul	99
7) Acenaphthylene	13.84	152	957	1.31	ng/ul#	1
8) Acenaphthene	14.35	153	1633	2.96	ng/ul	96
9) Fluorene	15.34	166	5005	7.96	ng/ul	88
12) Phenanthrene	17.07	178	2510	0.49	ng/ul#	85
13) Anthracene	17.18	178	523	0.10	ng/ul#	69
15) Fluoranthene	19.11	202	524	0.08	ng/ul#	50
17) Pyrene	19.48	202	508	0.09	ng/ul#	61
18) Benzo(a)anthracene	21.23	228	123	0.02	ng/ul#	1
21) Benzo(b)fluoranthene	22.82	252	169	0.03	ng/ul#	1
22) Benzo(k)fluoranthene	22.82	252	176	0.03	ng/ul#	1

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

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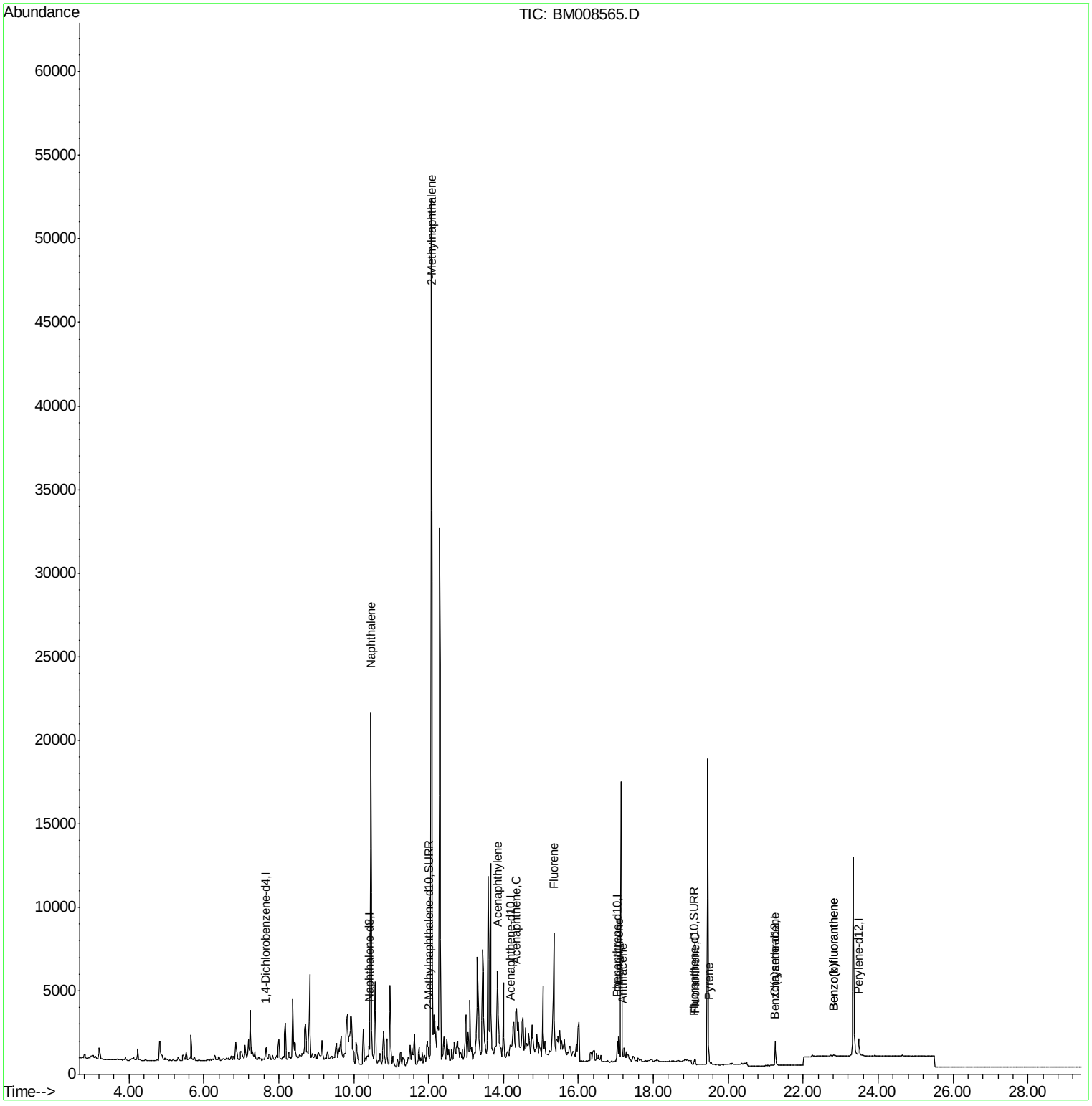
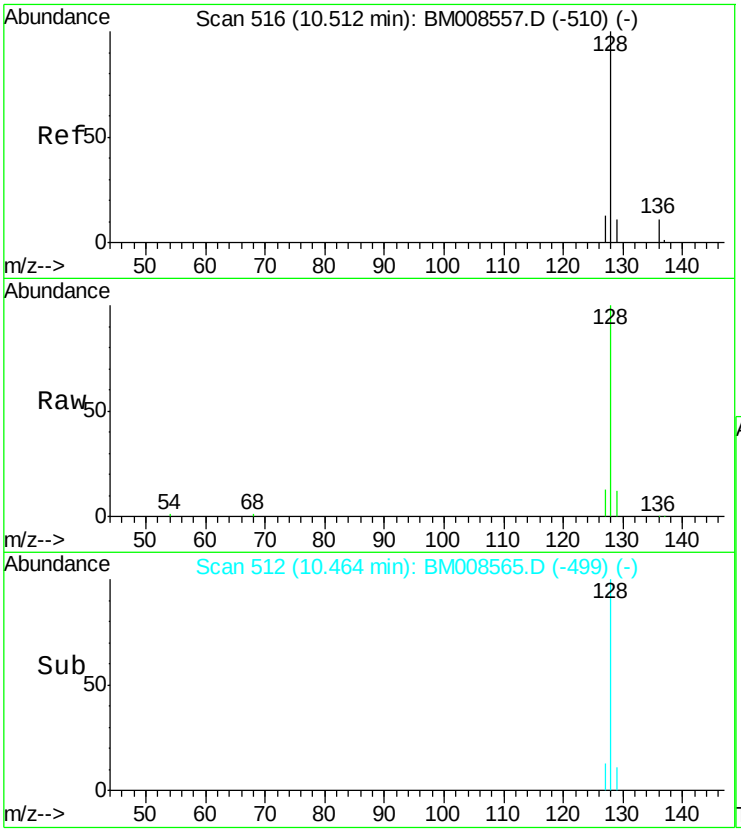


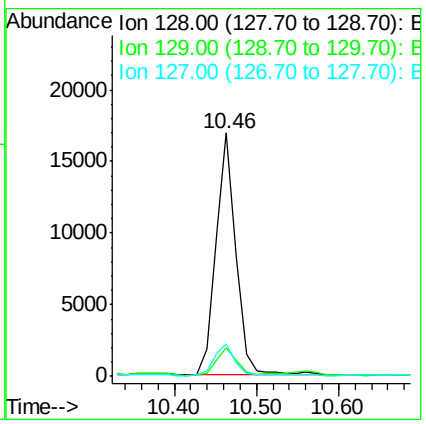


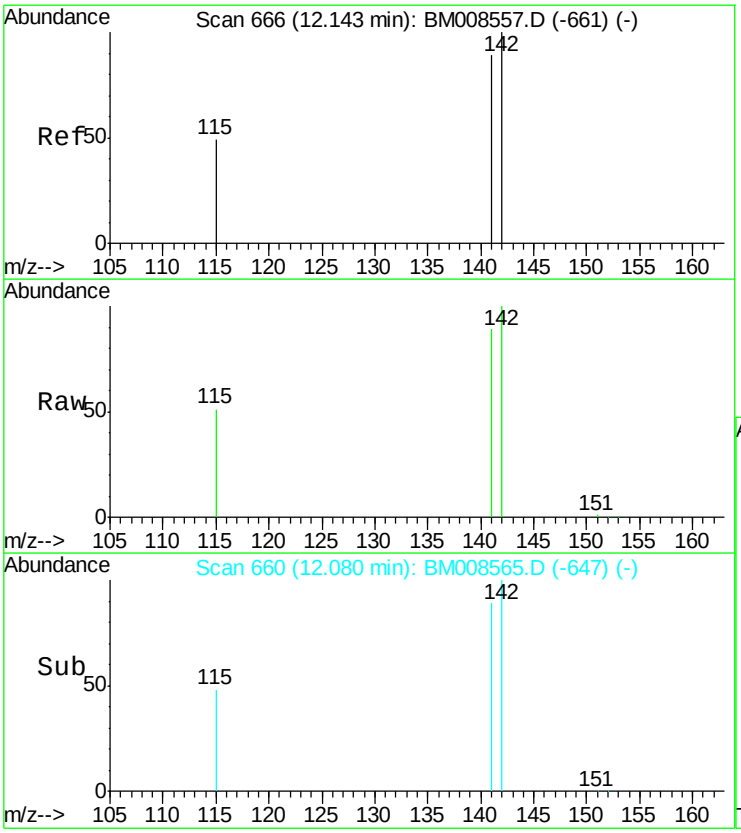
#3
Naphthalene
Concen: 7.41 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.05 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Instrument :
BNA_M
ClientSampleId :
DA831DL

Tgt Ion:128 Resp: 29234

Ion	Ratio	Lower	Upper
128	100		
129	11.9	11.3	16.9
127	13.2	12.8	19.2

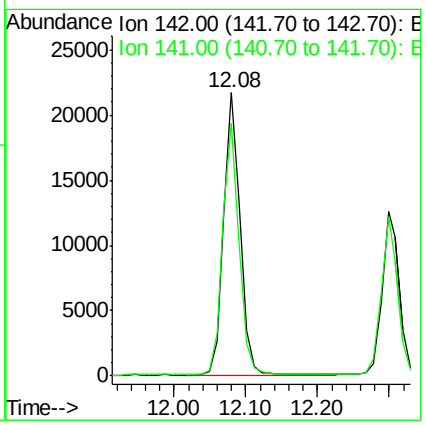


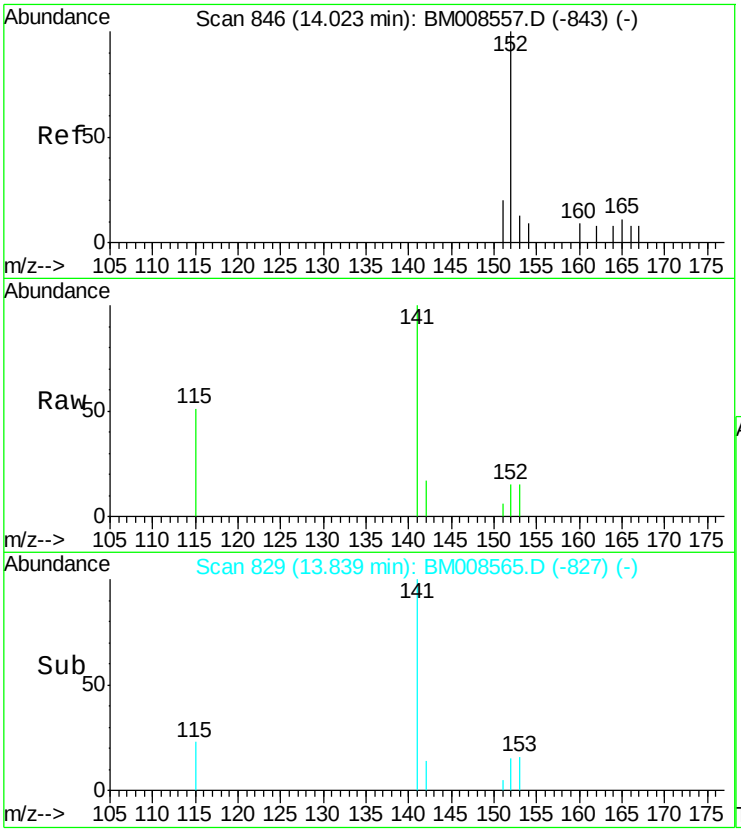


#5
2-Methylnaphthalene
Concen: 12.91 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.06 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:142 Resp: 34269

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8



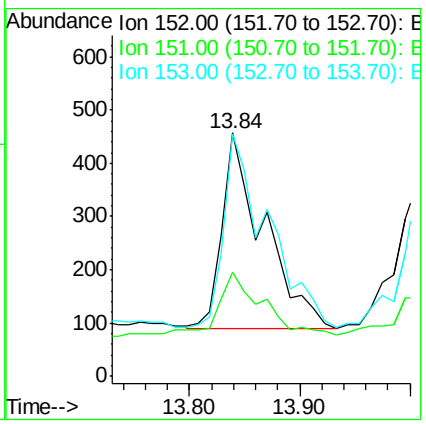


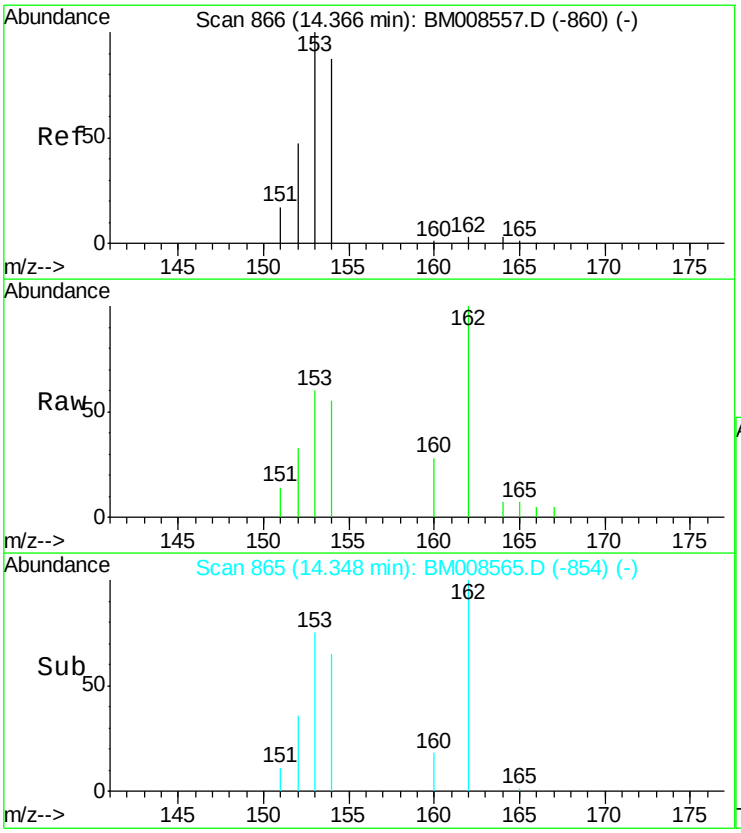
#7
Acenaphthylene
Concen: 1.31 ng/ul
RT: 13.84 min Scan# 829
Delta R.T. -0.18 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Instrument :
BNA_M
ClientSampleId :
DA831DL

Tgt Ion:152 Resp: 957

Ion	Ratio	Lower	Upper
152	100		
151	42.9	17.1	25.7#
153	99.6	12.8	19.2#

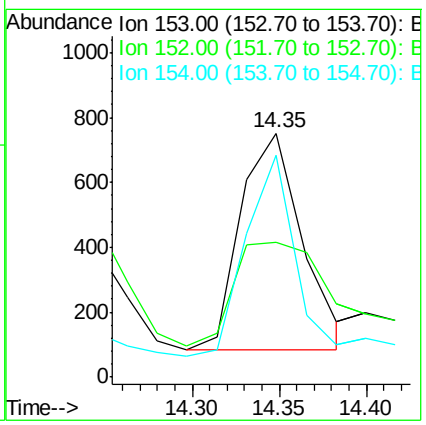


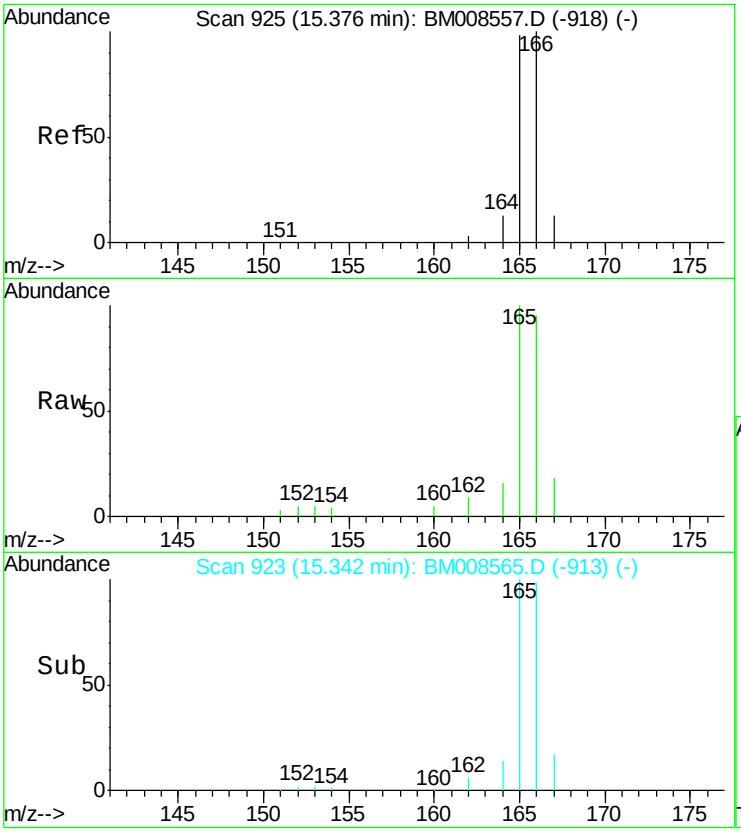


#8
Acenaphthene
Concen: 2.96 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:153 Resp: 1633

Ion	Ratio	Lower	Upper
153	100		
152	55.3	40.3	60.5
154	90.9	71.4	107.2



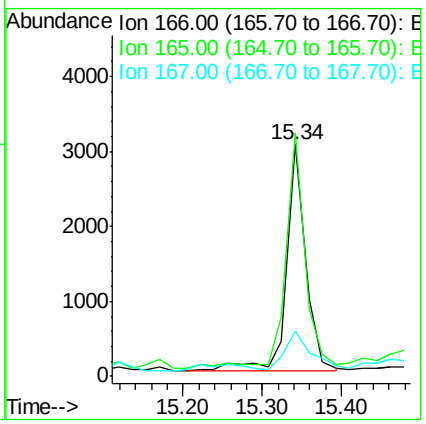


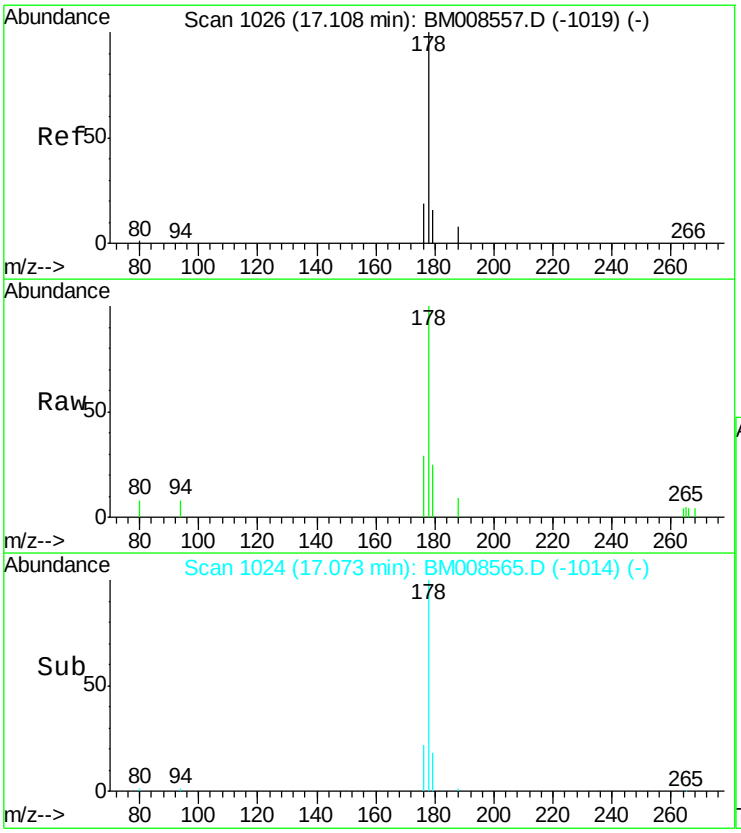
#9
Fluorene
Concen: 7.96 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Instrument :
BNA_M
ClientSampleId :
DA831DL

Tgt Ion:166 Resp: 5005

Ion	Ratio	Lower	Upper
166	100		
165	105.0	73.4	110.2
167	19.3	14.6	22.0

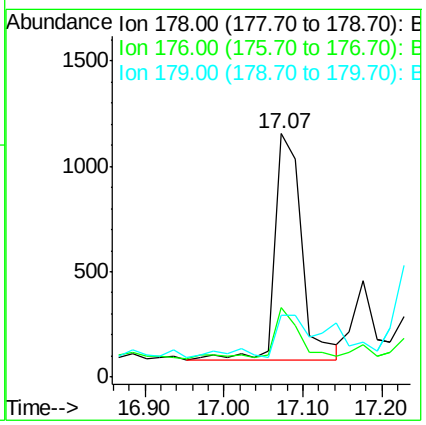


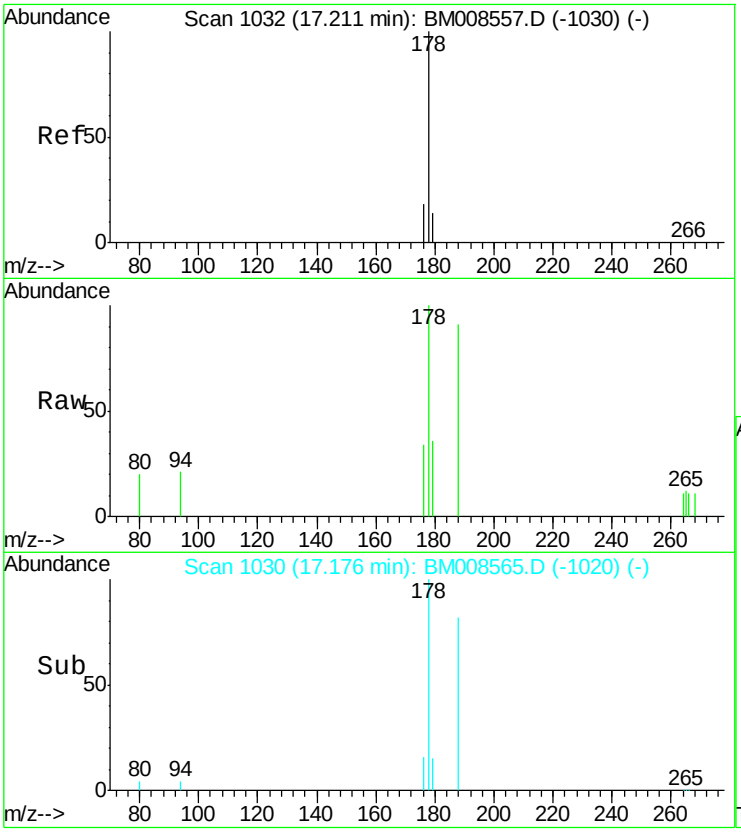


#12
Phenanthrene
Concen: 0.49 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:178 Resp: 2510

Ion	Ratio	Lower	Upper
178	100		
176	28.5	18.4	27.6#
179	25.3	13.6	20.4#



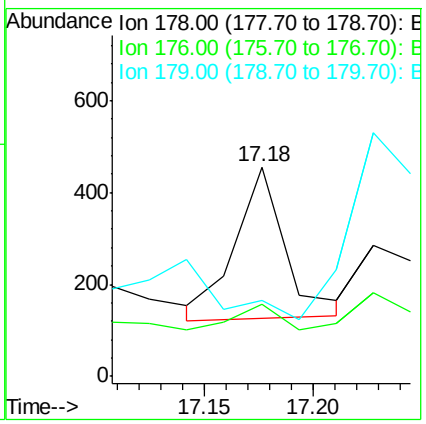


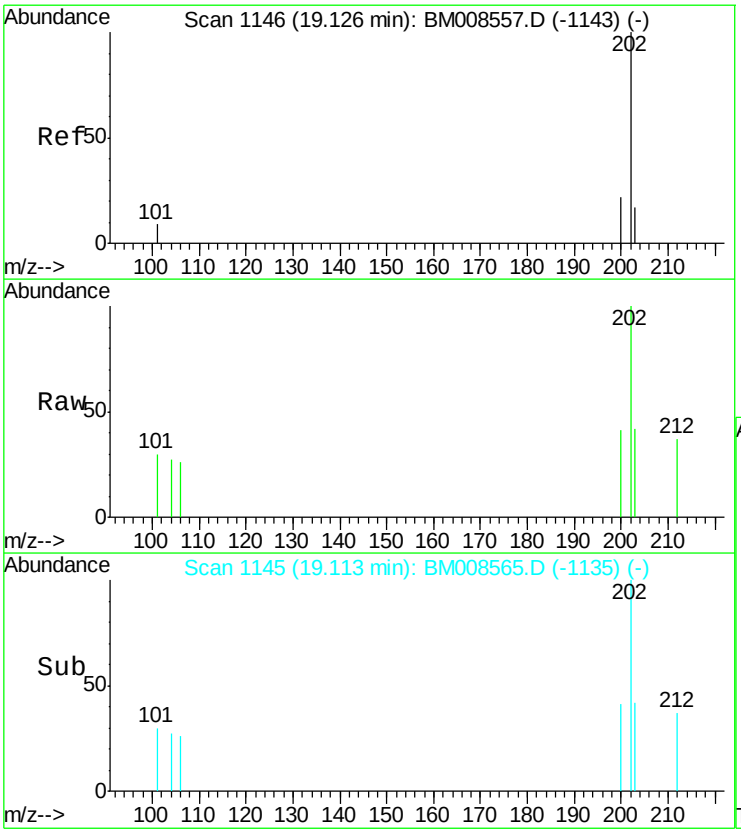
#13
Anthracene
Concen: 0.10 ng/ul
RT: 17.18 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Instrument :
BNA_M
ClientSampleId :
DA831DL

Tgt Ion:178 Resp: 523

Ion	Ratio	Lower	Upper
178	100		
176	34.3	18.1	27.1#
179	36.3	14.7	22.1#

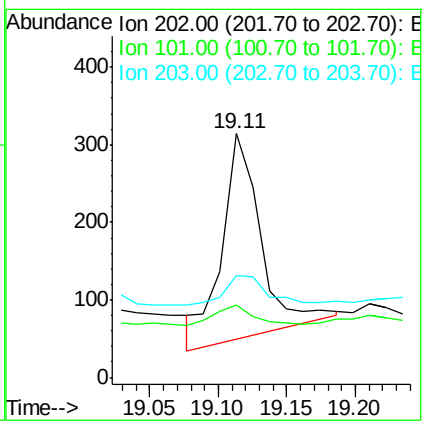


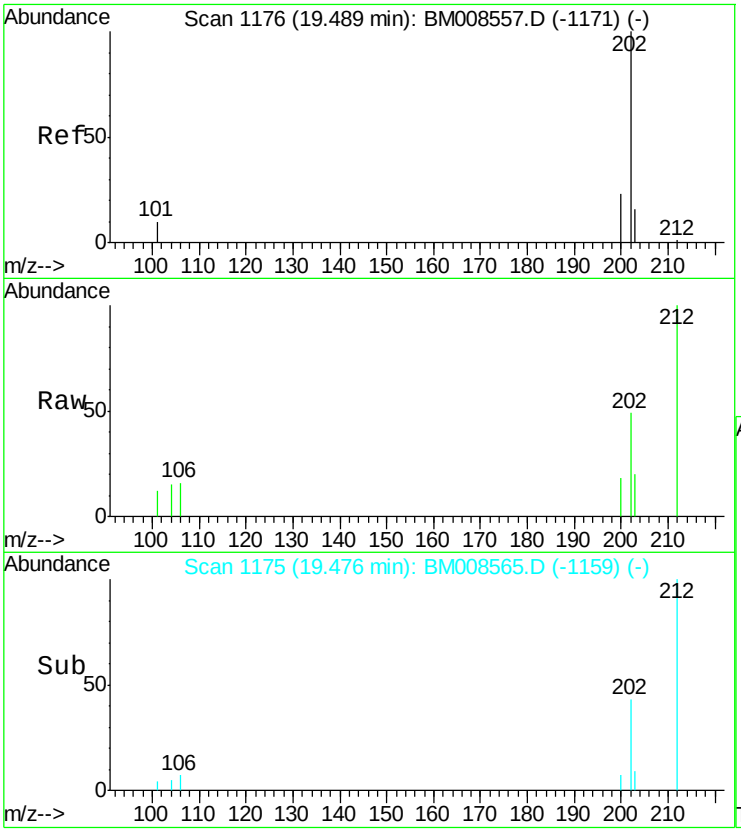


#15
Fluoranthene
Concen: 0.08 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:202 Resp: 524

Ion	Ratio	Lower	Upper
202	100		
101	29.6	0.0	30.3
203	42.0	0.0	39.5#



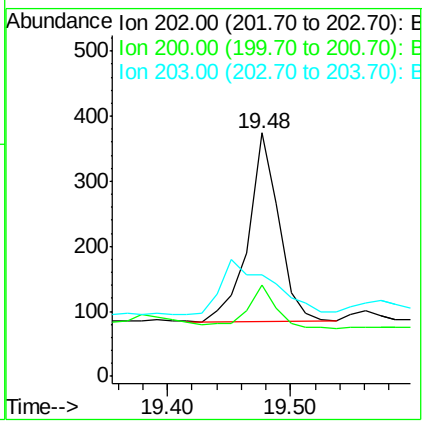


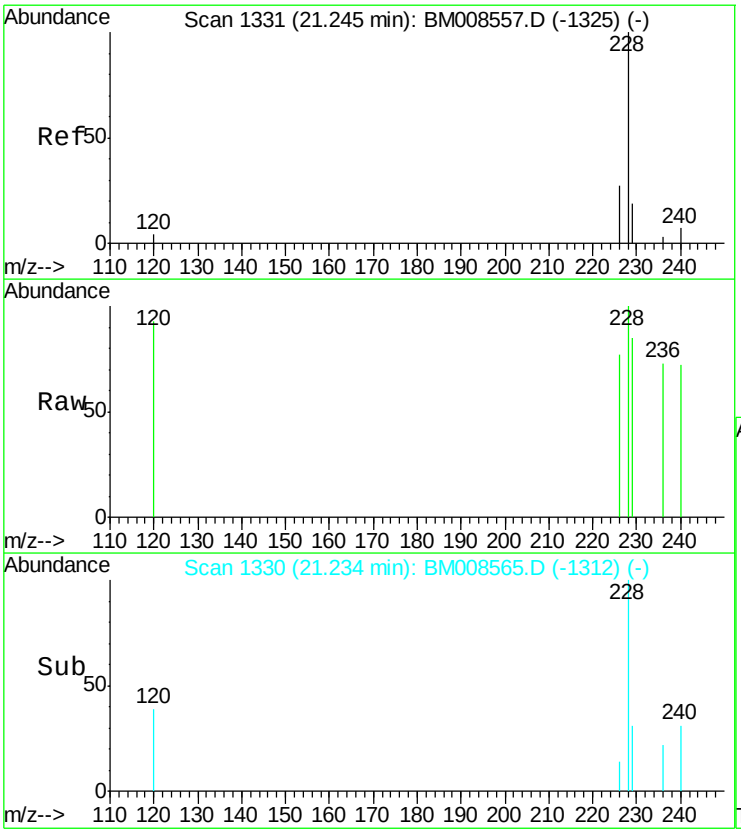
#17
Pyrene
Concen: 0.09 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Instrument :
BNA_M
ClientSampleId :
DA831DL

Tgt Ion:202 Resp: 508

Ion	Ratio	Lower	Upper
202	100		
200	37.4	18.2	27.4#
203	42.0	15.6	23.4#

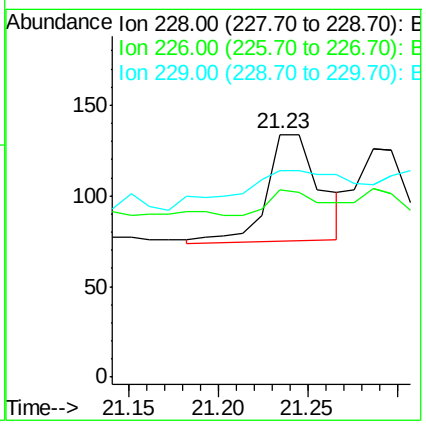


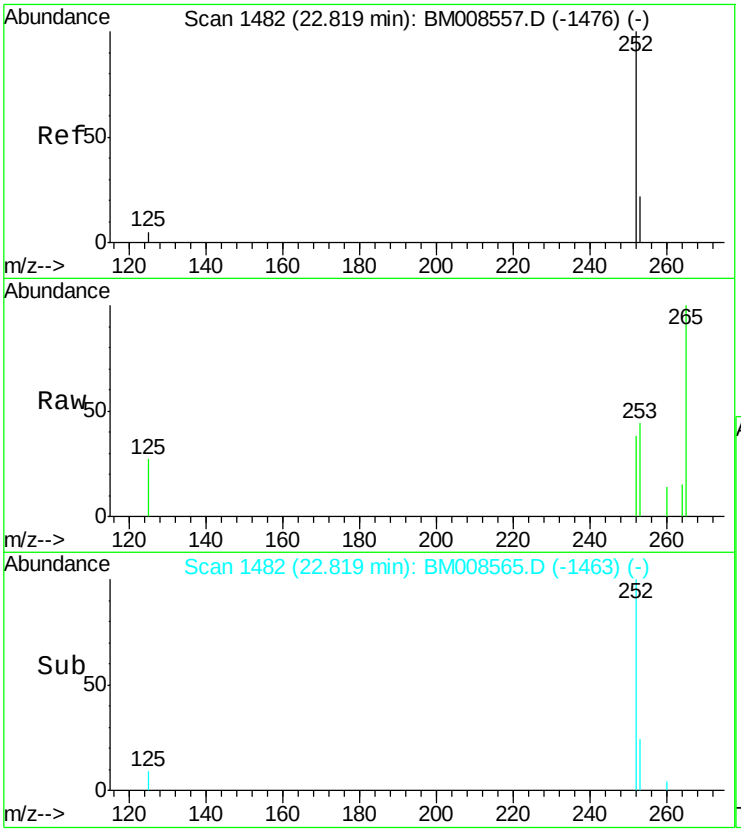


#18
Benzo(a)anthracene
Concen: 0.02 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:228 Resp: 123

Ion	Ratio	Lower	Upper
228	100		
226	76.9	22.8	34.2#
229	85.1	17.0	25.6#



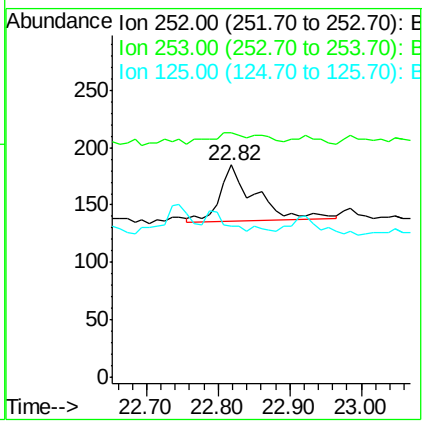


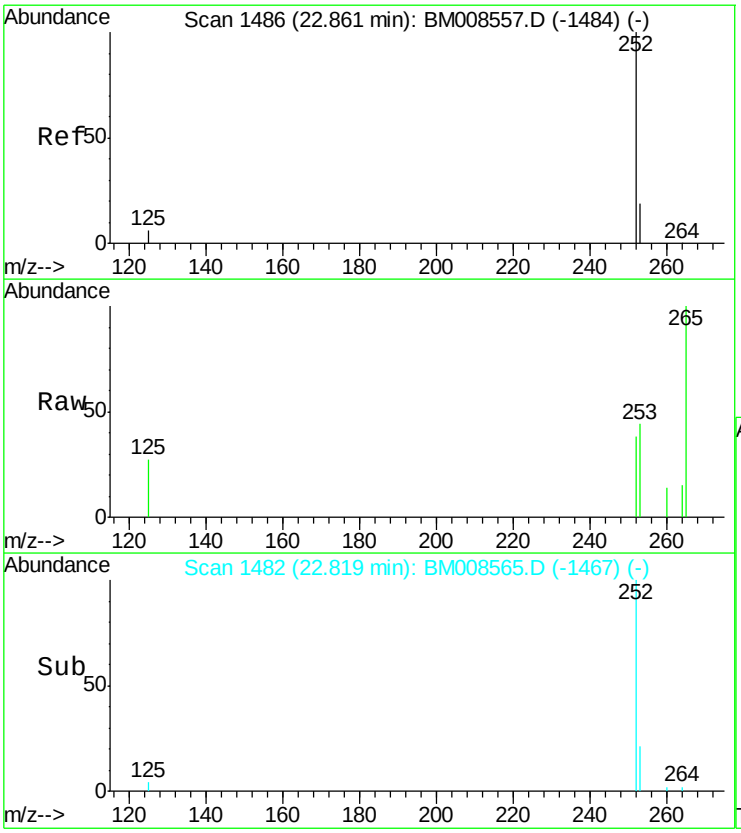
#21
Benzo(b)fluoranthene
Concen: 0.03 ng/ul
RT: 22.82 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Instrument :
BNA_M
ClientSampleId :
DA831DL

Tgt Ion:252 Resp: 169

Ion	Ratio	Lower	Upper
252	100		
253	115.1	0.0	64.2#
125	70.8	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.03 ng/ul
RT: 22.82 min Scan# 1482
Delta R.T. -0.04 min
Lab File: BM008565.D
Acq: 22 Dec 2016 20:50

Tgt Ion:252 Resp: 176

Ion	Ratio	Lower	Upper
252	100		
253	115.1	24.5	36.7#
125	70.8	13.7	20.5#