Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008531.D
Acq On : 21 Dec 2016 23:37
Operator : UM/SJ
Sample : H6040-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8W2

Quant Time: Dec 22 00:29:48 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 00:24:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	423	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1414	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.16	164	131	0.40	ng/ul	-0.17
10) Phenanthrene-d10	16.92	188	35	0.40	ng/ul	-0.17
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.28
20) Perylene-d12	23.48	264	2113	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	869	0.40	ng/ul	-0.09
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.46	128	3681	0.93	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	2884	1.08	ng/ul	100
7) Acenaphthylene	13.84	152	135	0.23	ng/ul#	1
8) Acenaphthene	14.25	153	55	0.12	ng/ul#	55
9) Fluorene	15.29	166	407	0.80	ng/ul#	35
11) Pentachlorophenol	16.73	266	8	0.74	ng/ul#	41
12) Phenanthrene	17.07	178	796	7.45	ng/ul#	78
13) Anthracene	17.07	178	849	8.18	ng/ul#	79
15) Fluoranthene	19.01	202	197	1.50	ng/ul#	1
23) Benzo(a)pyrene	23.33	252	812	0.11	ng/ul#	39

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

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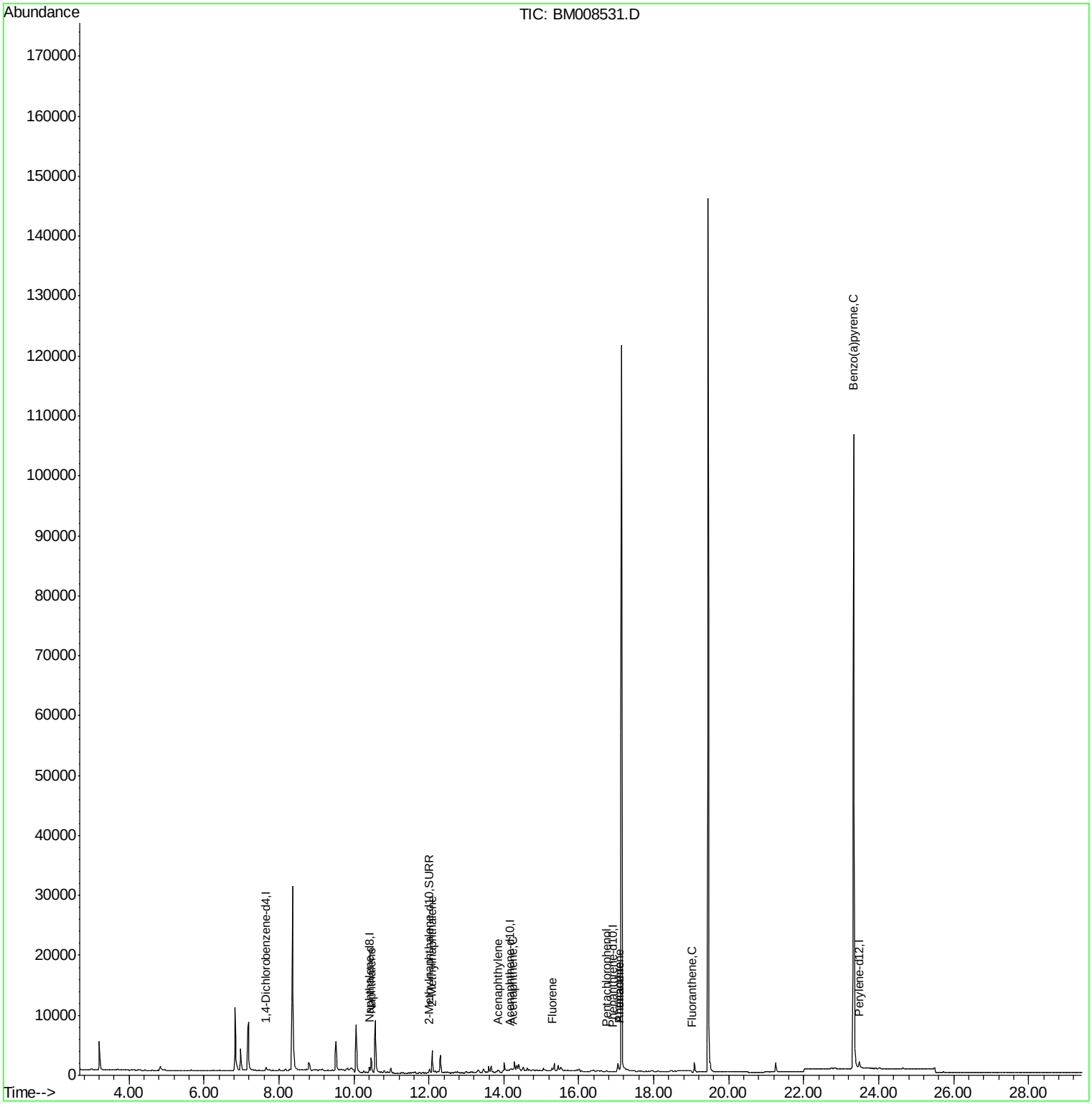
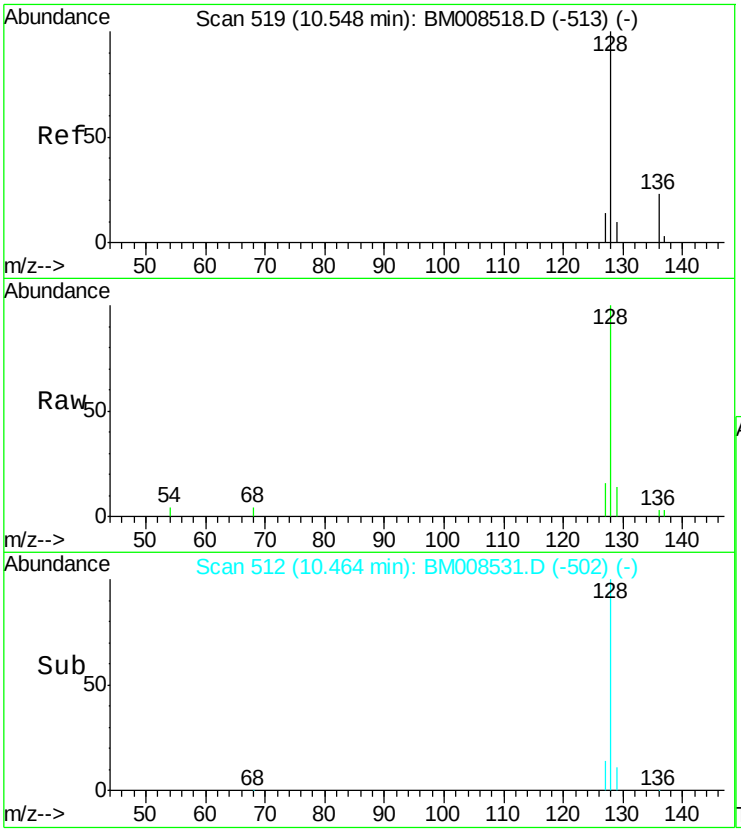


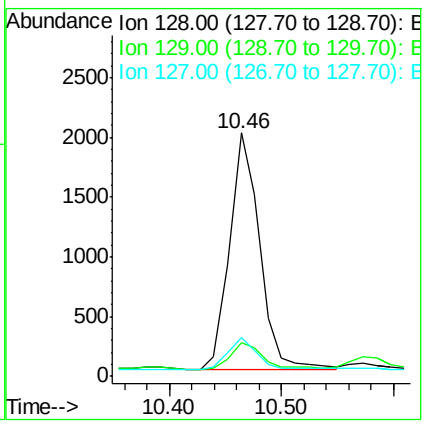


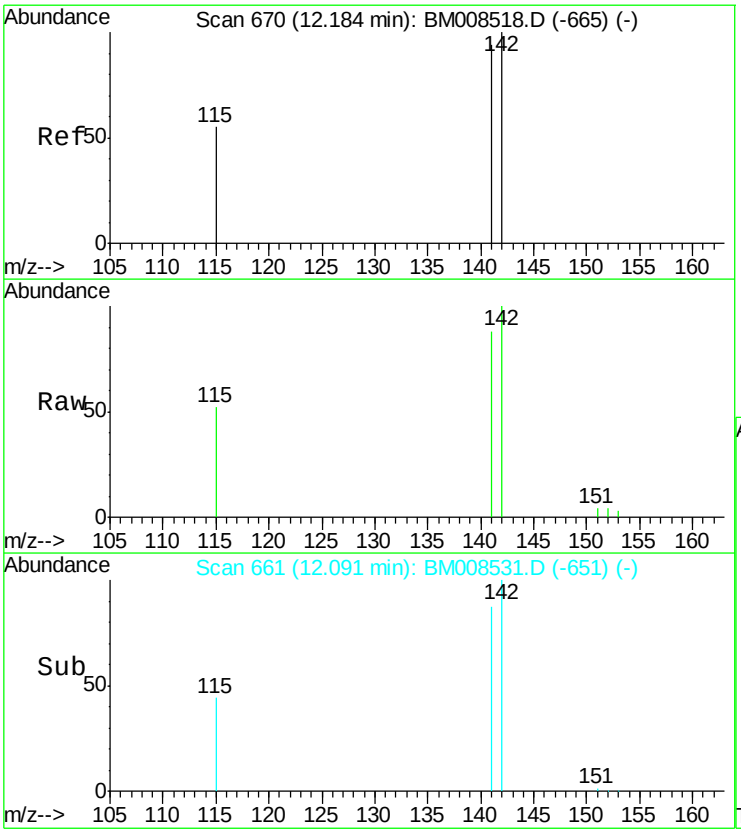
#3
Naphthalene
Concen: 0.93 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.08 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Instrument :
BNA_M
ClientSampleId :
DA8W2

Tgt Ion:128 Resp: 3681

Ion	Ratio	Lower	Upper
128	100		
129	13.8	11.3	16.9
127	15.8	12.8	19.2

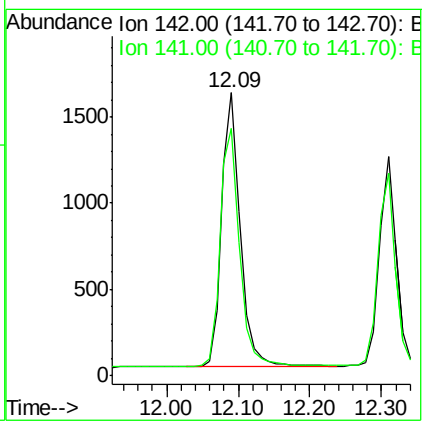


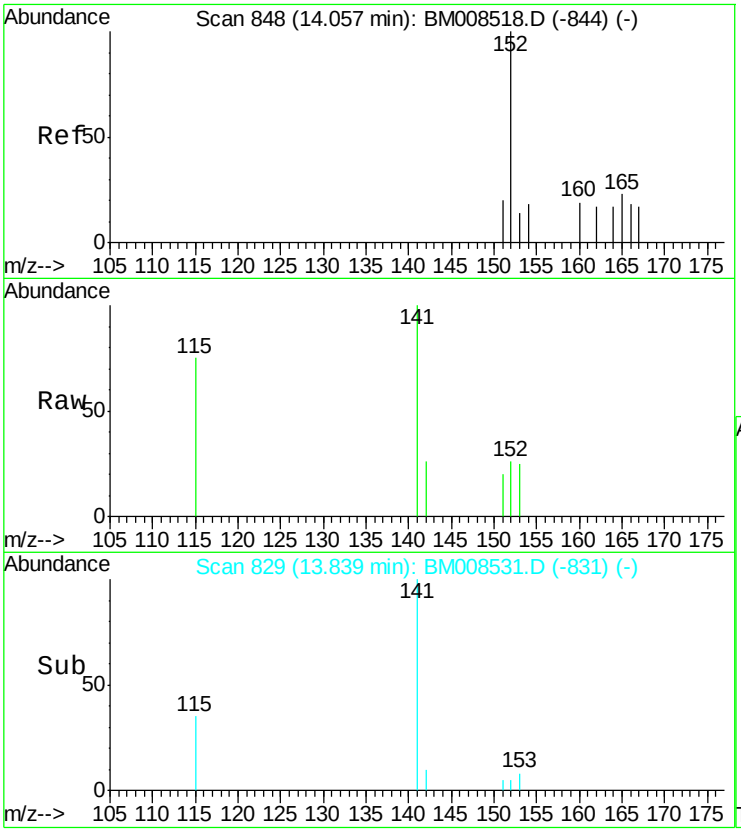


#5
2-Methylnaphthalene
Concen: 1.08 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. -0.09 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Tgt Ion:142 Resp: 2884

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8



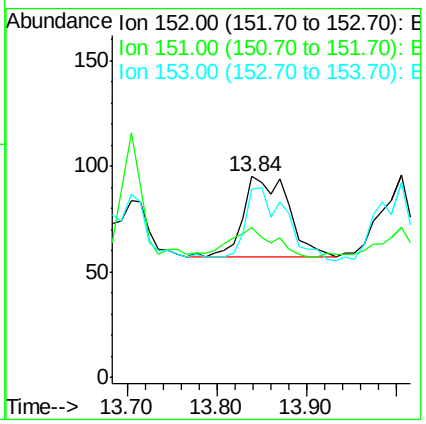


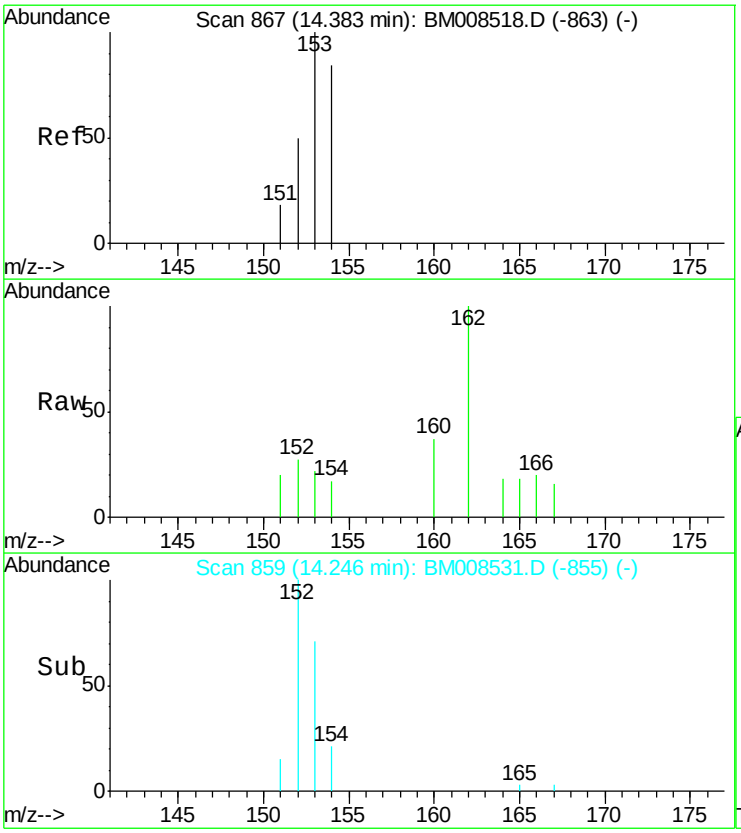
#7
Acenaphthylene
Concen: 0.23 ng/ul
RT: 13.84 min Scan# 829
Delta R.T. -0.22 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Instrument : BNA_M
ClientSampleId : DA8W2

Tgt Ion:152 Resp: 135

Ion	Ratio	Lower	Upper
152	100		
151	74.7	17.1	25.7#
153	93.7	12.8	19.2#

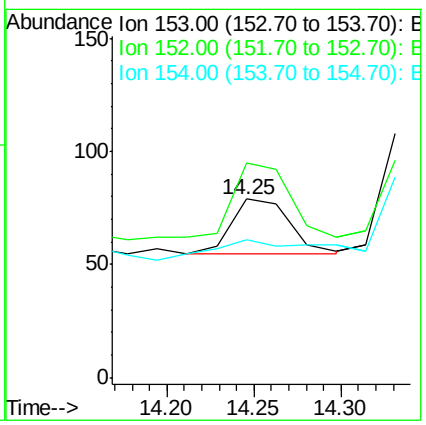


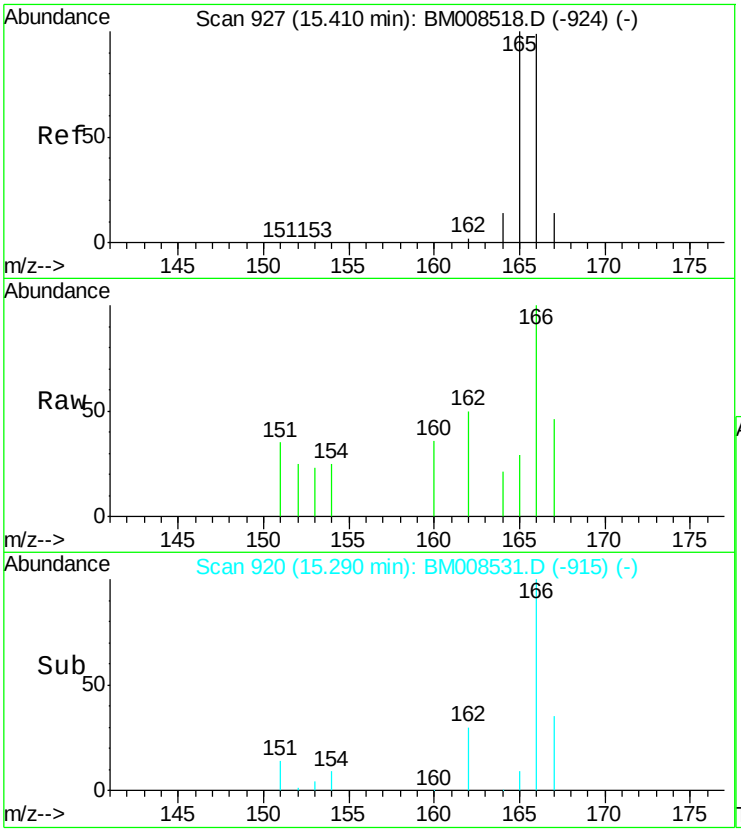


#8
Acenaphthene
Concen: 0.12 ng/ul
RT: 14.25 min Scan# 859
Delta R.T. -0.14 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Tgt Ion:153 Resp: 55

Ion	Ratio	Lower	Upper
153	100		
152	120.3	40.3	60.5#
154	77.2	71.4	107.2



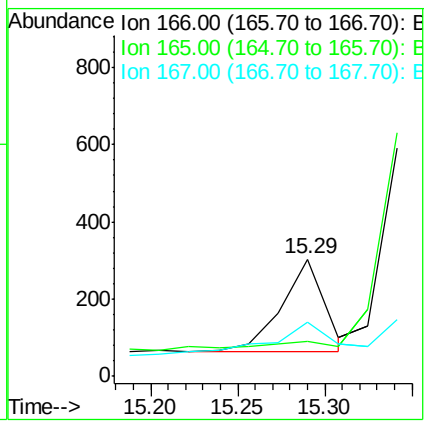


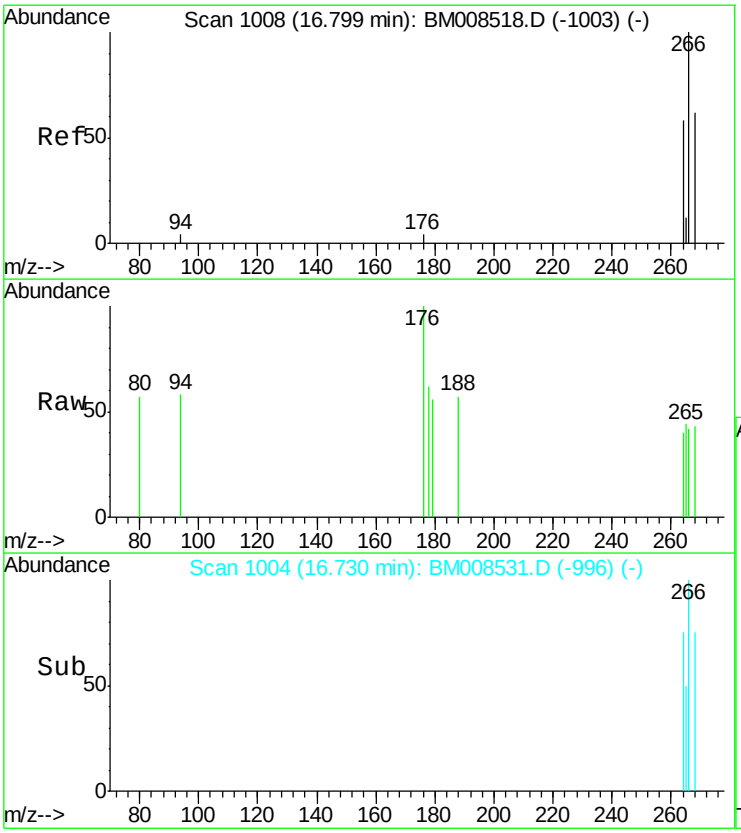
#9
Fluorene
Concen: 0.80 ng/ul
RT: 15.29 min Scan# 920
Delta R.T. -0.12 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Instrument :
BNA_M
ClientSampleId :
DA8W2

Tgt Ion:166 Resp: 407

Ion	Ratio	Lower	Upper
166	100		
165	29.4	73.4	110.2#
167	45.9	14.6	22.0#

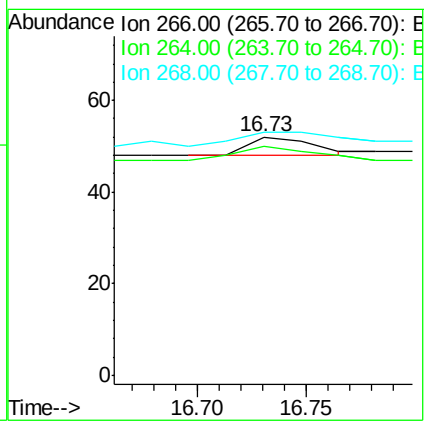


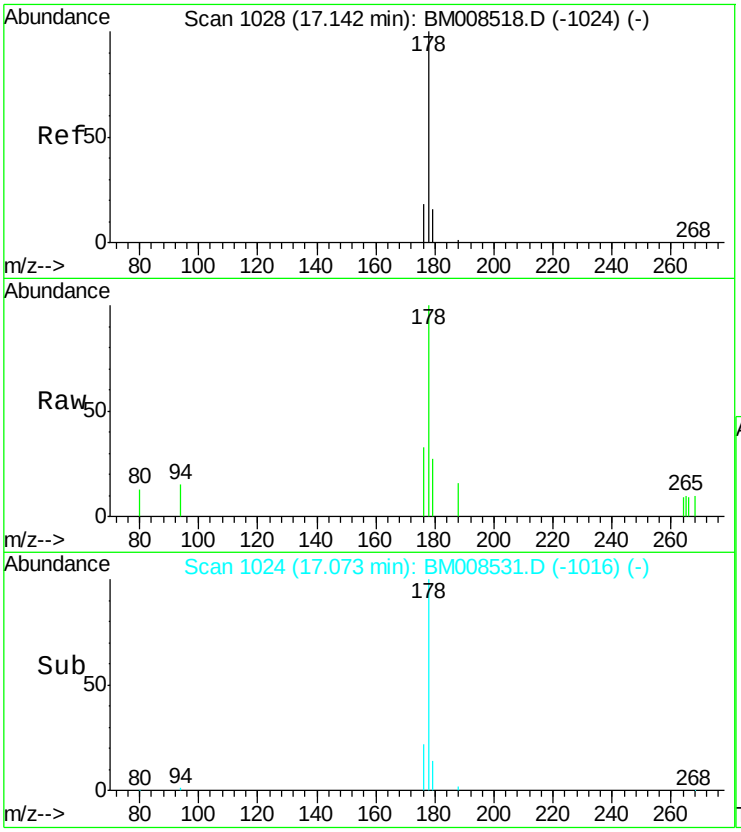


#11
Pentachlorophenol
Concen: 0.74 ng/ul
RT: 16.73 min Scan# 1004
Delta R.T. -0.07 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Tgt Ion:266 Resp: 8

Ion	Ratio	Lower	Upper
266	100		
264	87.5	47.9	71.9#
268	125.0	49.8	74.8#



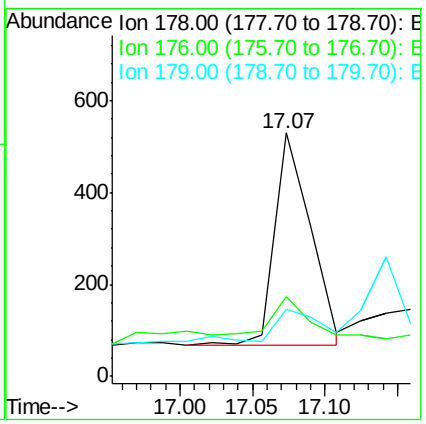


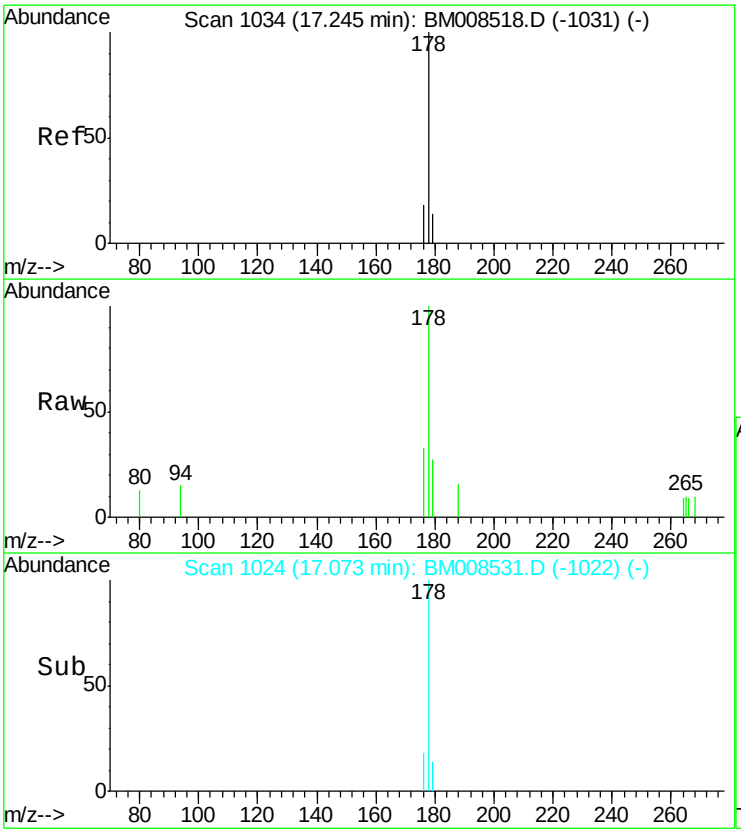
#12
Phenanthrene
Concen: 7.45 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.07 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Instrument :
BNA_M
ClientSampleId :
DA8W2

Tgt Ion:178 Resp: 796

Ion	Ratio	Lower	Upper
178	100		
176	32.6	18.4	27.6#
179	27.4	13.6	20.4#

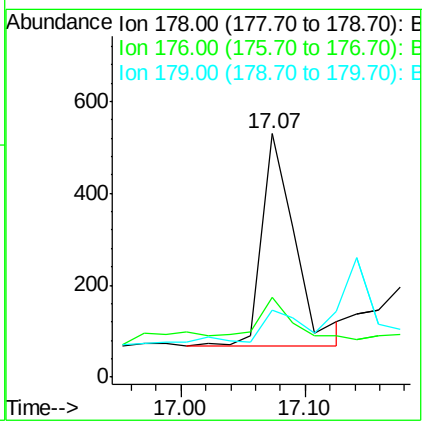


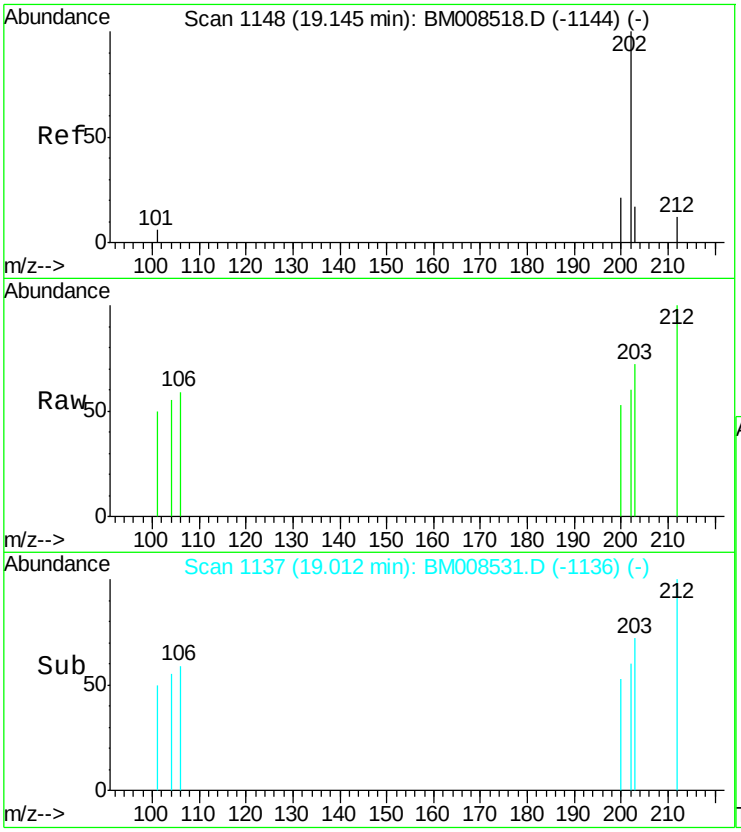


#13
Anthracene
Concen: 8.18 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.17 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Tgt Ion:178 Resp: 849

Ion	Ratio	Lower	Upper
178	100		
176	32.6	18.1	27.1#
179	27.4	14.7	22.1#



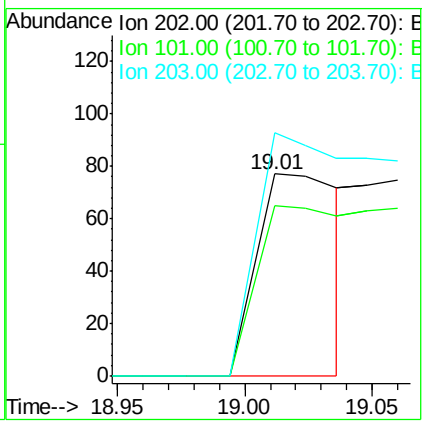


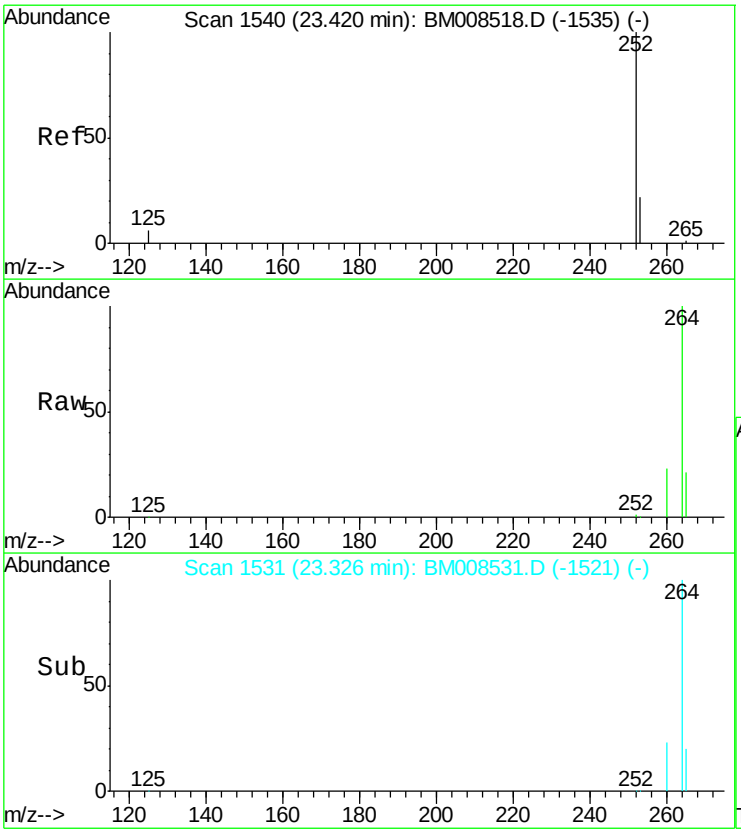
#15
Fluoranthene
Concen: 1.50 ng/ul
RT: 19.01 min Scan# 1137
Delta R.T. -0.13 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Instrument :
BNA_M
ClientSampleId :
DA8W2

Tgt Ion:202 Resp: 197

Ion	Ratio	Lower	Upper
202	100		
101	84.4	0.0	30.3#
203	120.8	0.0	39.5#





#23
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.33 min Scan# 1531
Delta R.T. -0.09 min
Lab File: BM008531.D
Acq: 21 Dec 2016 23:37

Tgt Ion:252 Resp: 812

Ion	Ratio	Lower	Upper
252	100		
253	66.9	28.5	42.7#
125	57.9	18.1	27.1#