Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122216\
Data File : BM008579.D
Acq On : 23 Dec 2016 05:17
Operator : UM/SJ
Sample : H6039-17DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8T1DL

Quant Time: Dec 23 05:54:30 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 05:50:04 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	388	0.40	ng/ul	-0.08
2) Naphthalene-d8	10.37	136	6493	0.40	ng/ul	-0.12
6) Acenaphthene-d10	14.14	164	6471	0.40	ng/ul	-0.17
10) Phenanthrene-d10	16.92	188	873	0.40	ng/ul	-0.15
16) Chrysene-d12	21.02	240	43	0.40	ng/ul	-0.25
20) Perylene-d12	23.34	264	24162	0.40	ng/ul	-0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	8824	0.89	ng/ul	-0.14
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						Qvalue
3) Naphthalene	10.46	128	8214	0.45	ng/ul#	93
5) 2-Methylnaphthalene	12.08	142	2865	0.23	ng/ul	95
7) Acenaphthylene	13.87	152	1394	0.05	ng/ul#	69
9) Fluorene	15.19	166	559	0.02	ng/ul#	1
11) Pentachlorophenol	16.56	266	69	0.25	ng/ul#	33
12) Phenanthrene	16.94	178	339	0.13	ng/ul#	1
13) Anthracene	17.07	178	2001	0.77	ng/ul#	6
15) Fluoranthene	19.01	202	803	0.25	ng/ul#	1
17) Pyrene	19.30	202	76	0.46	ng/ul#	1
18) Benzo(a)anthracene	21.00	228	100	0.71	ng/ul#	1
19) Chrysene	21.05	228	167	1.08	ng/ul#	1

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

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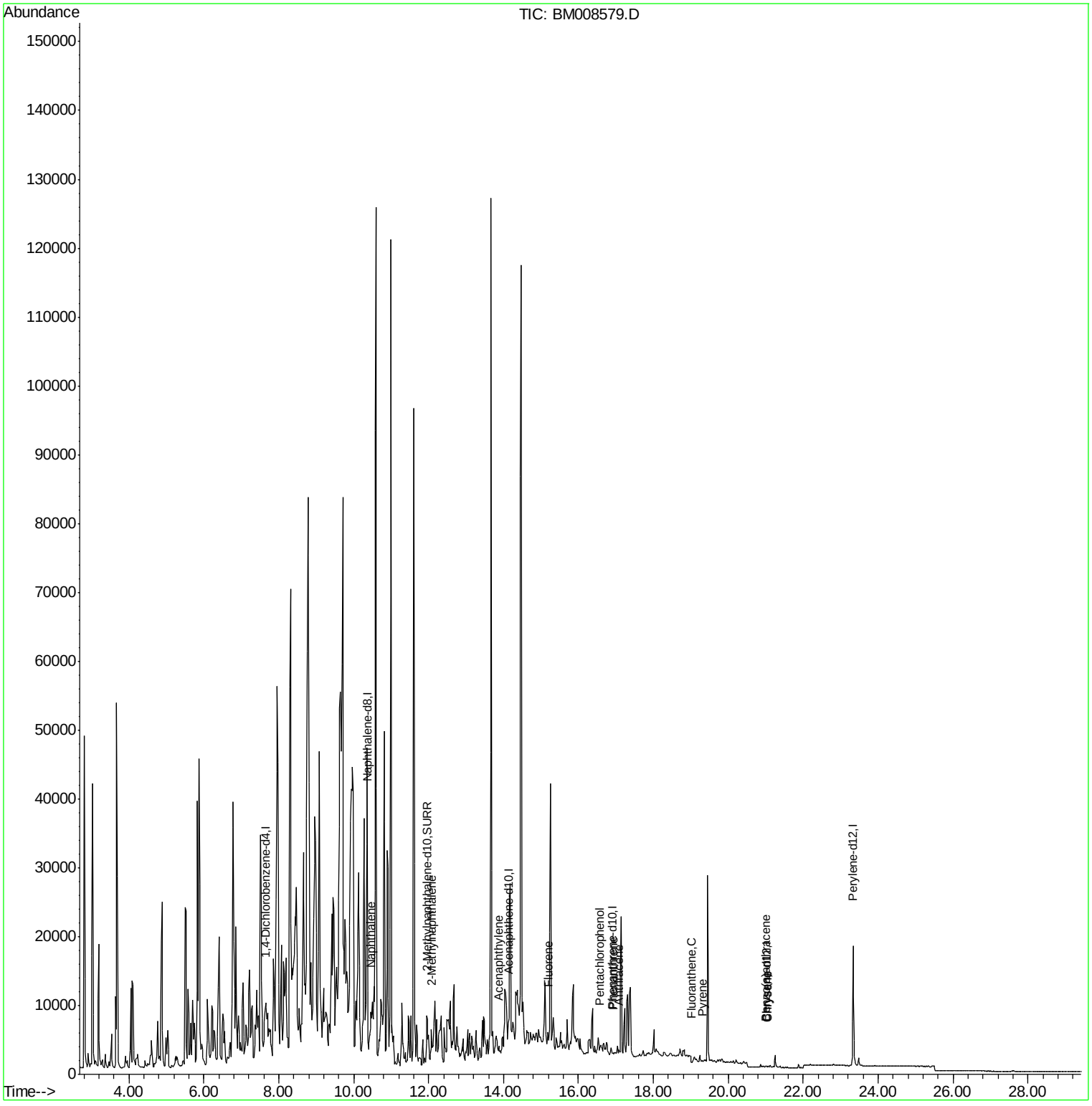
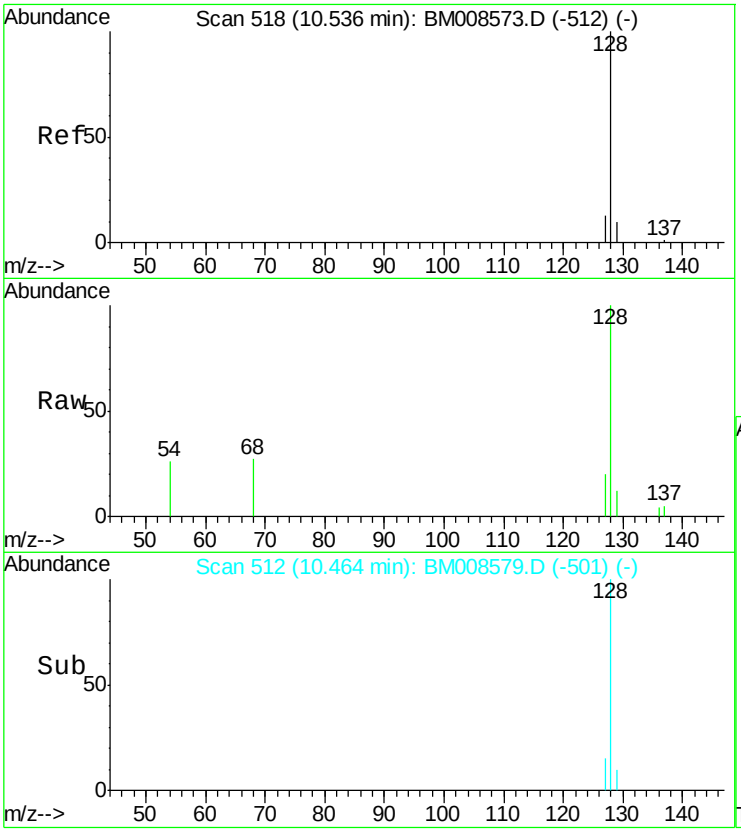


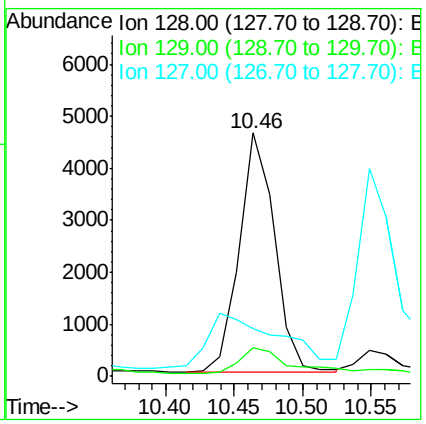


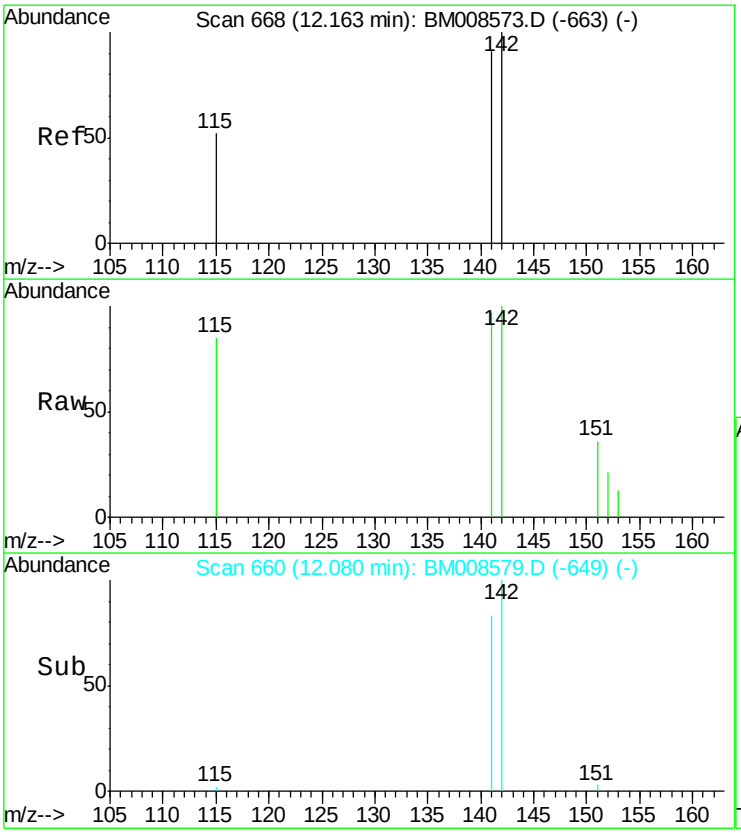
#3
Naphthalene
Concen: 0.45 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.07 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Instrument :
BNA_M
ClientSampleId :
DA8T1DL

Tgt Ion:128 Resp: 8214

Ion	Ratio	Lower	Upper
128	100		
129	11.8	11.3	16.9
127	19.8	12.8	19.2#

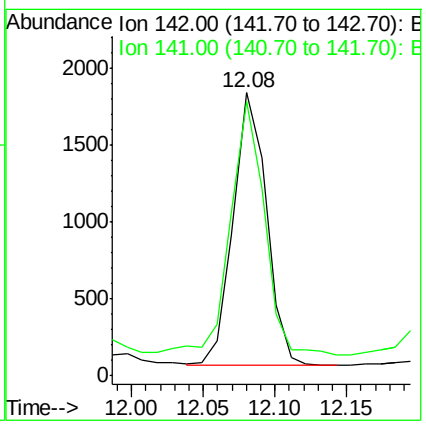


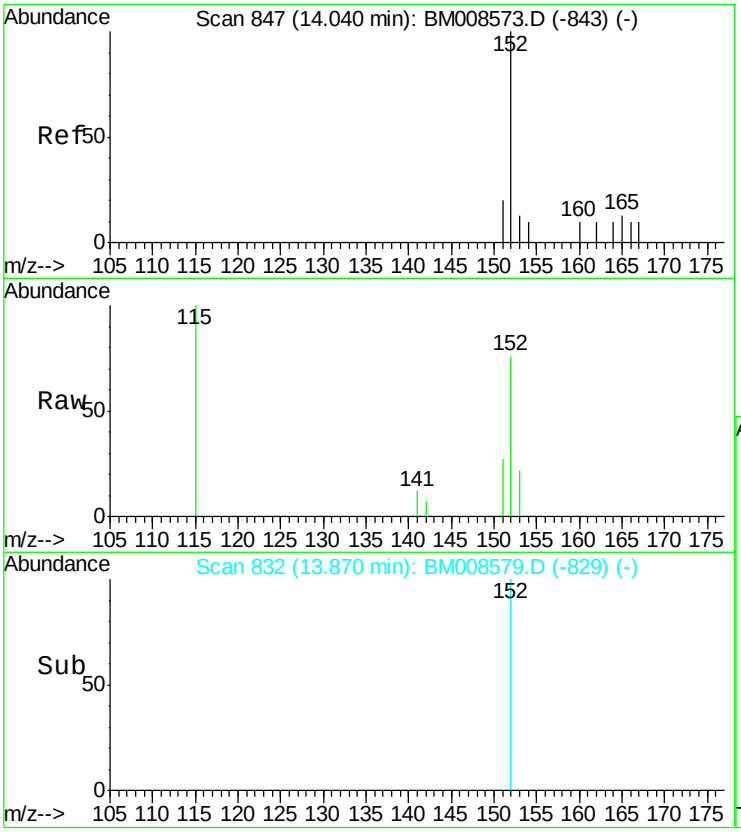


#5
2-Methylnaphthalene
Concen: 0.23 ng/ul
RT: 12.08 min Scan# 660
Delta R.T. -0.08 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Tgt Ion:142 Resp: 2865

Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.6	108.8



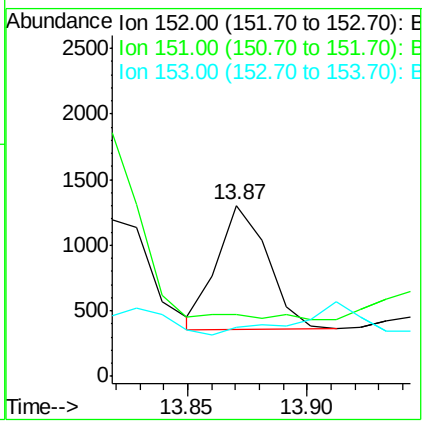


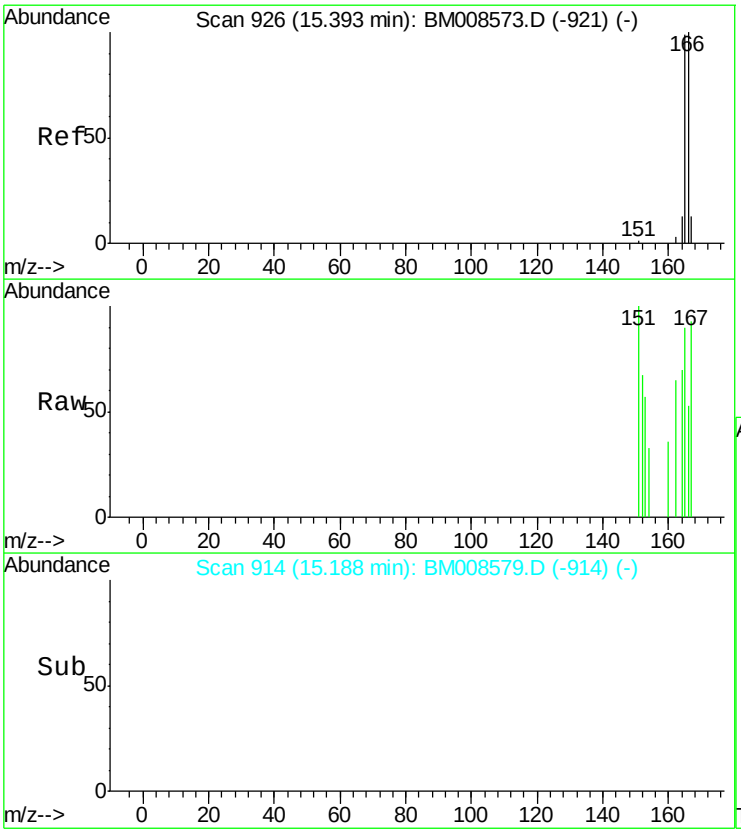
#7
Acenaphthylene
Concen: 0.05 ng/ul
RT: 13.87 min Scan# 832
Delta R.T. -0.17 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Instrument :
BNA_M
ClientSampleId :
DA8T1DL

Tgt Ion:152 Resp: 1394

Ion	Ratio	Lower	Upper
152	100		
151	36.1	17.1	25.7#
153	28.5	12.8	19.2#

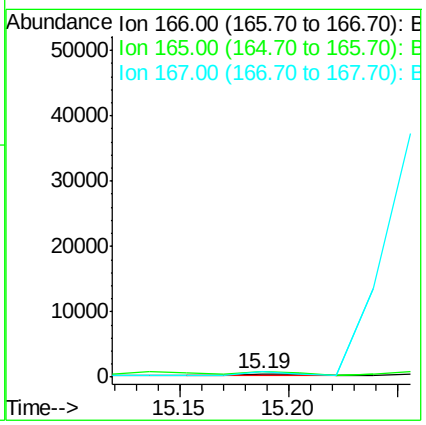


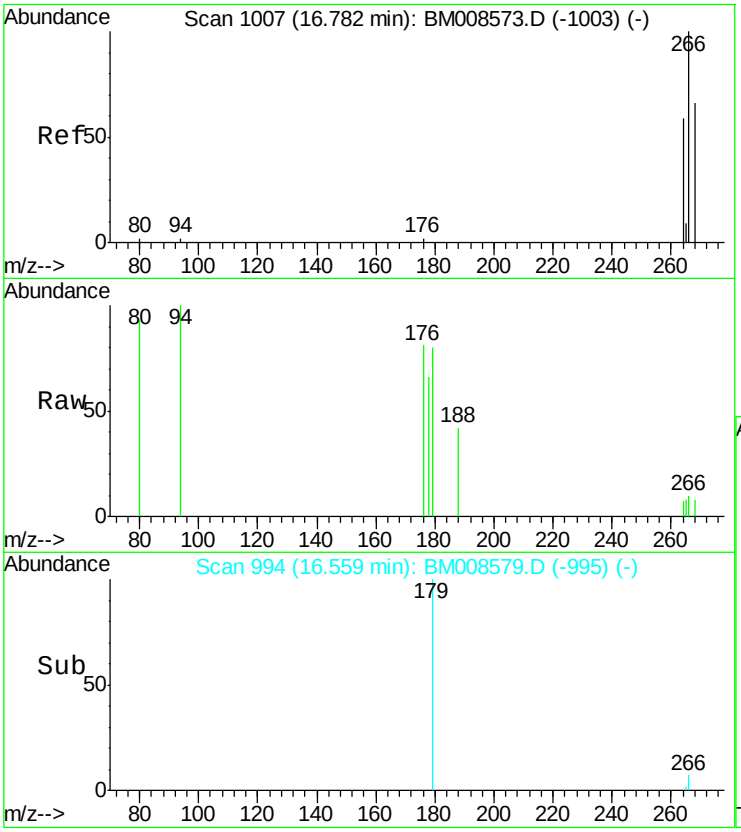


#9
Fluorene
Concen: 0.02 ng/ul
RT: 15.19 min Scan# 914
Delta R.T. -0.21 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Tgt Ion:166 Resp: 559

Ion	Ratio	Lower	Upper
166	100		
165	169.0	73.4	110.2#
167	175.3	14.6	22.0#



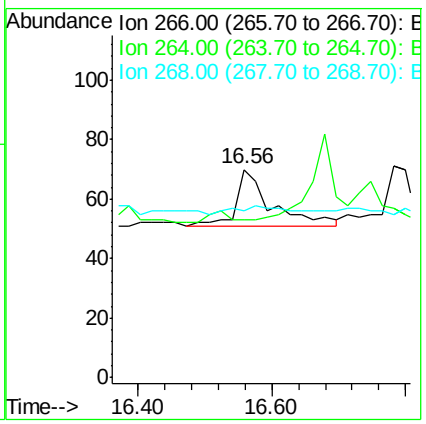


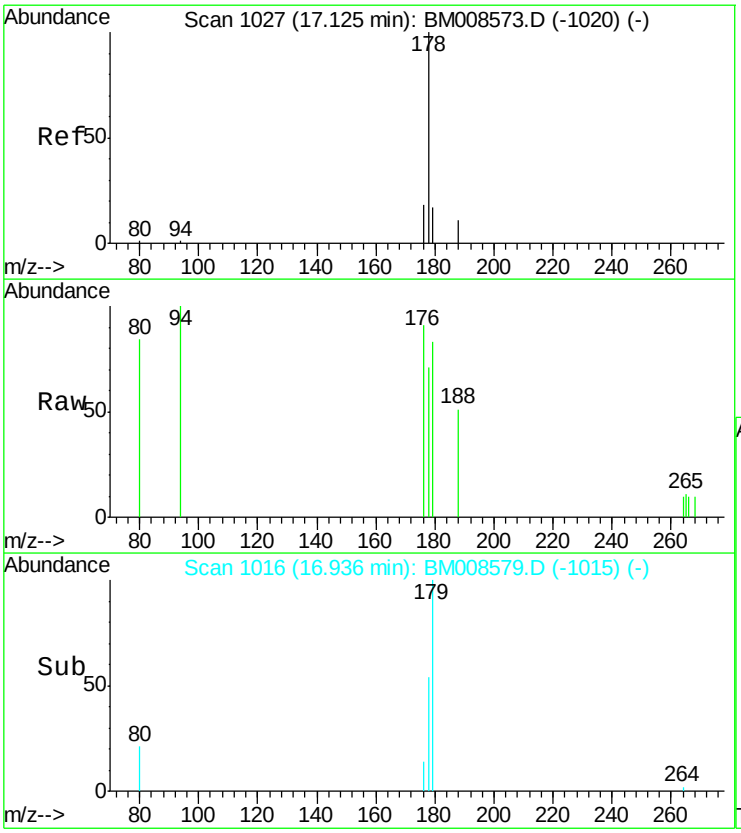
#11
Pentachlorophenol
Concen: 0.25 ng/ul
RT: 16.56 min Scan# 994
Delta R.T. -0.22 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Instrument :
BNA_M
ClientSampleId :
DA8T1DL

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
264	0.0	47.9	71.9#
268	20.3	49.8	74.8#

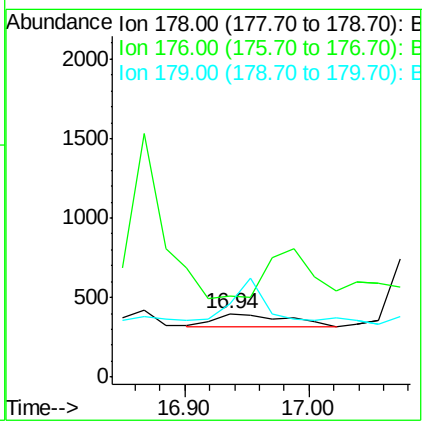


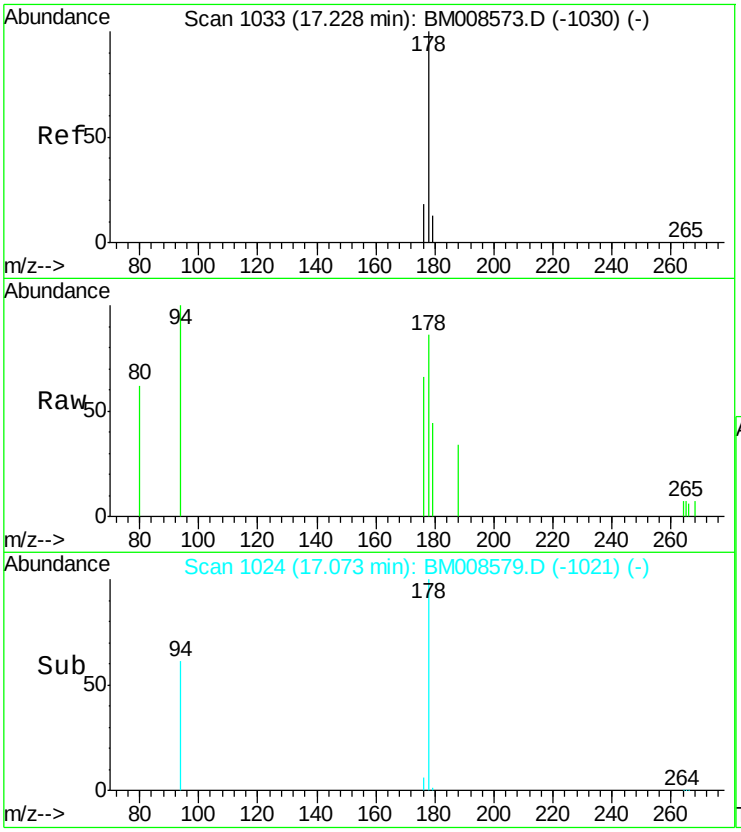


#12
Phenanthrene
Concen: 0.13 ng/ul
RT: 16.94 min Scan# 1016
Delta R.T. -0.19 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Tgt Ion:178 Resp: 339

Ion	Ratio	Lower	Upper
178	100		
176	128.0	18.4	27.6#
179	115.9	13.6	20.4#



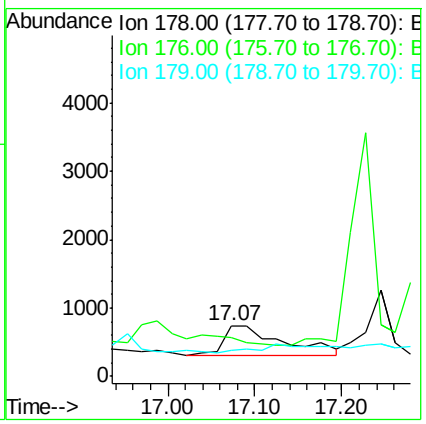


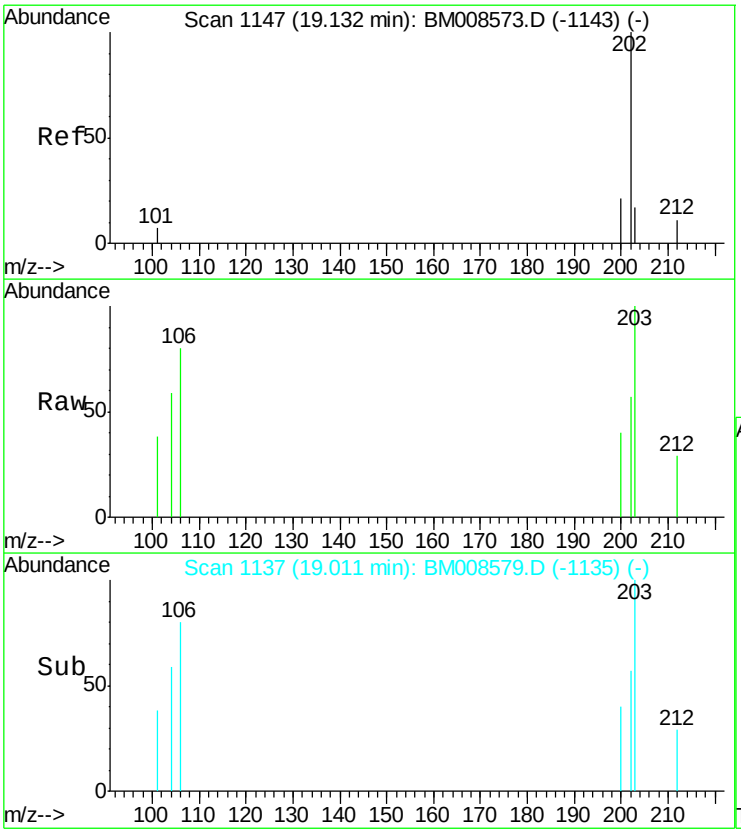
#13
Anthracene
Concen: 0.77 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.15 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Instrument :
BNA_M
ClientSampleId :
DA8T1DL

Tgt Ion:178 Resp: 2001

Ion	Ratio	Lower	Upper
178	100		
176	76.2	18.1	27.1#
179	50.7	14.7	22.1#

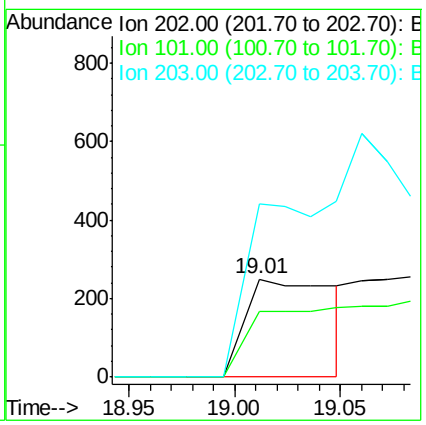


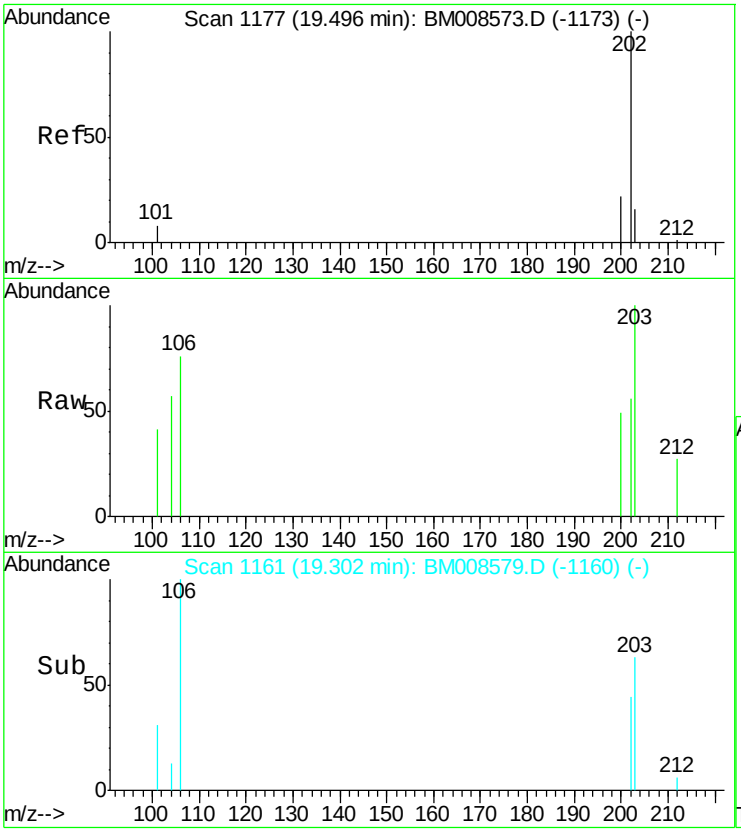


#15
Fluoranthene
Concen: 0.25 ng/ul
RT: 19.01 min Scan# 1137
Delta R.T. -0.12 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Tgt Ion:202 Resp: 803

Ion	Ratio	Lower	Upper
202	100		
101	66.7	0.0	30.3#
203	176.7	0.0	39.5#



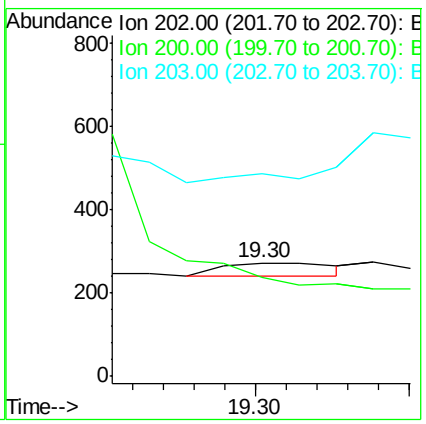


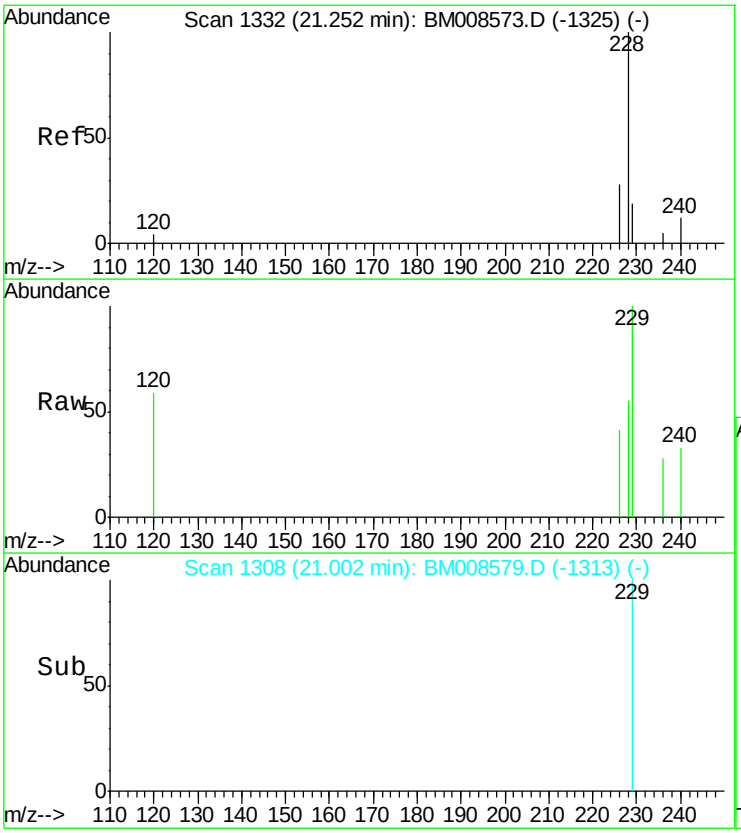
#17
Pyrene
Concen: 0.46 ng/ul
RT: 19.30 min Scan# 1161
Delta R.T. -0.19 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Instrument :
BNA_M
ClientSampleId :
DA8T1DL

Tgt Ion:202 Resp: 76

Ion	Ratio	Lower	Upper
202	100		
200	87.5	18.2	27.4#
203	178.7	15.6	23.4#

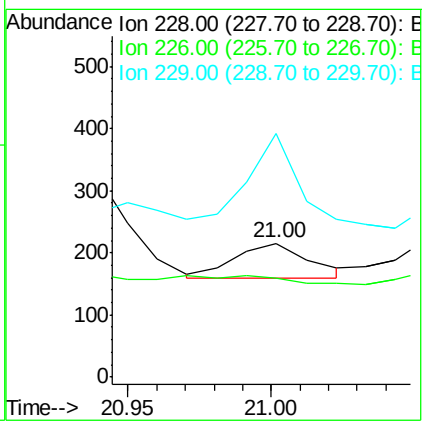


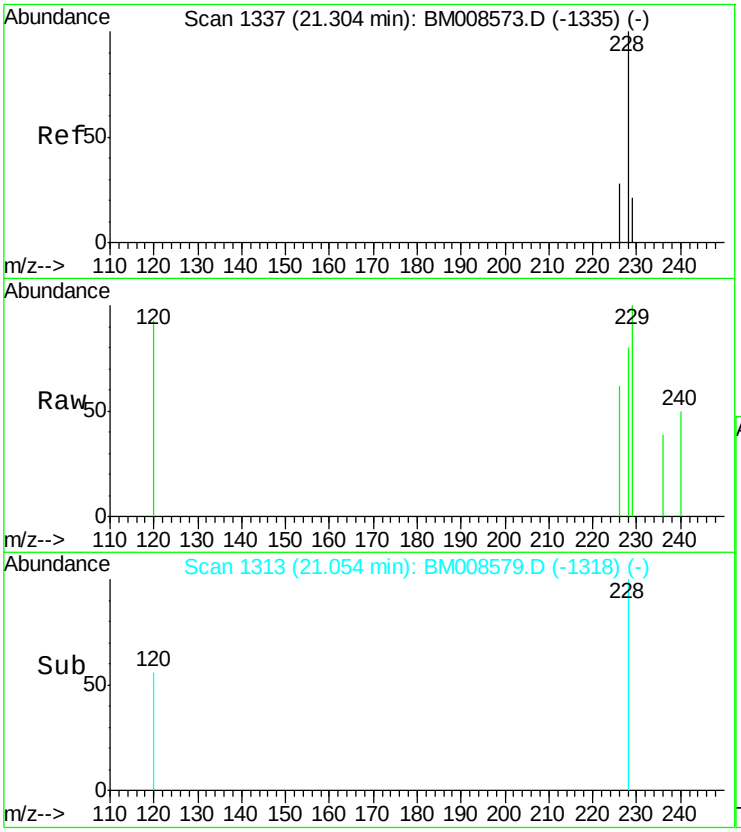


#18
Benzo(a)anthracene
Concen: 0.71 ng/ul
RT: 21.00 min Scan# 1308
Delta R.T. -0.25 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Tgt Ion:228 Resp: 100

Ion	Ratio	Lower	Upper
228	100		
226	74.4	22.8	34.2#
229	182.3	17.0	25.6#





#19
Chrysene
Concen: 1.08 ng/ul
RT: 21.05 min Scan# 1313
Delta R.T. -0.25 min
Lab File: BM008579.D
Acq: 23 Dec 2016 05:17

Instrument :
BNA_M
ClientSampleId :
DA8T1DL

Tgt Ion:228 Resp: 167

Ion	Ratio	Lower	Upper
228	100		
226	77.4	23.4	35.0#
229	124.9	17.7	26.5#