Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031915\
Data File : BM000733.D
Acq On : 19 Mar 2015 18:10
Operator : TP/IZ
Sample : G1452-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X1K75

Quant Time: Mar 20 11:10:04 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-SIM-BM031915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:39:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	2727	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	9291	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.27	164	5128	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	8963	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	7975	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	7654	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3726	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	6680	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	16489	0.75	ng/ul	100
5) 2-Methylnaphthalene	12.08	142	7299	0.52	ng/ul	100
9) Fluorene	15.34	166	11264	0.70	ng/ul	99
11) Pentachlorophenol	16.68	266	1415	1.26	ng/ul	98
13) Anthracene	17.15	178	21886	1.04	ng/ul	98
15) Fluoranthene	19.09	202	22464	0.85	ng/ul	99
17) Pyrene	19.45	202	25968	0.91	ng/ul	100
19) Chrysene	21.25	228	17407	0.66	ng/ul	99
21) Benzo(b)fluoranthene	22.75	252	15182	0.58	ng/ul	99
23) Benzo(a)pyrene	23.31	252	18603	0.78	ng/ul	97
25) Dibenzo(a,h)anthracene	25.62	278	35765	1.61	ng/ul	95

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

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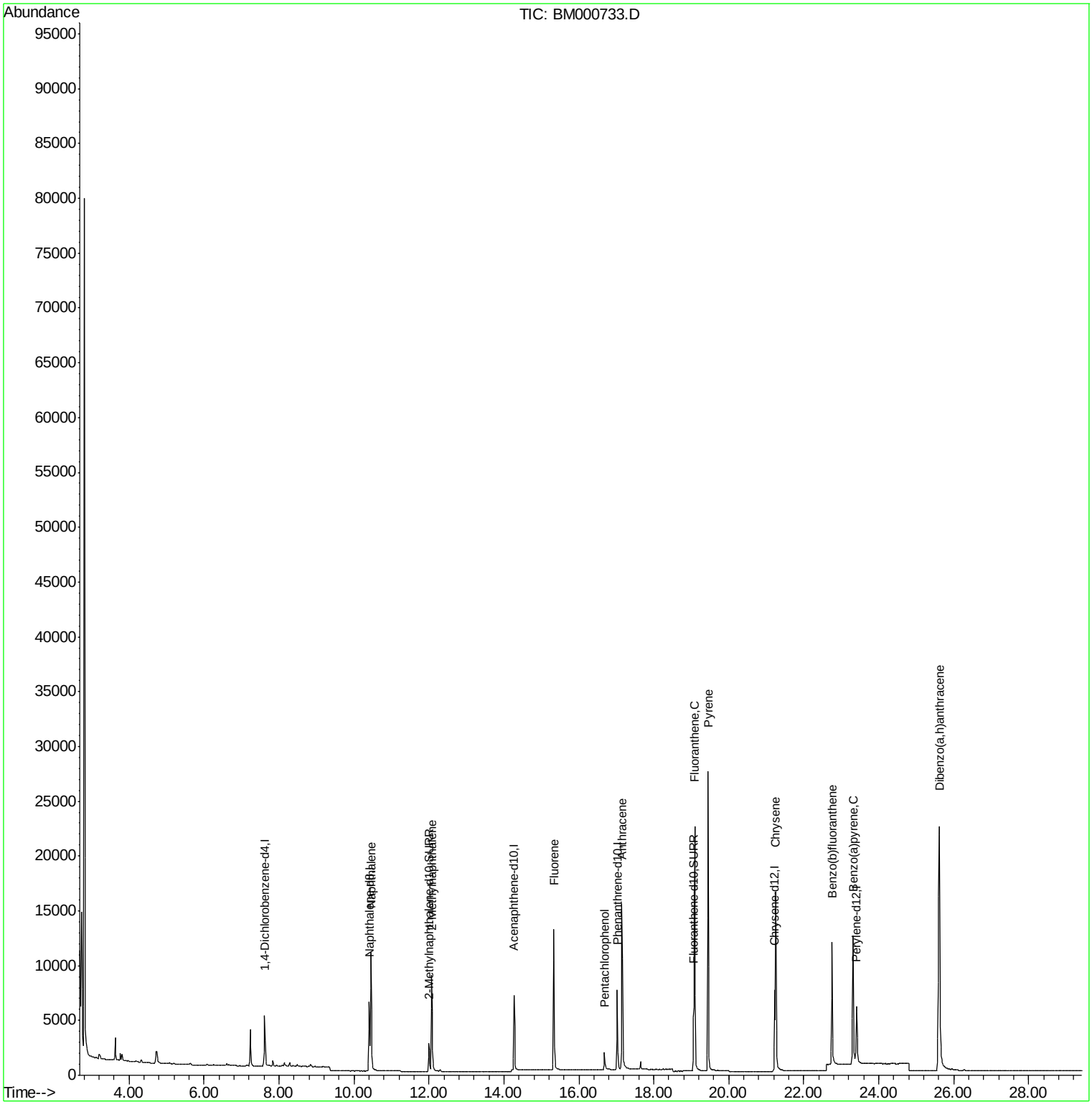
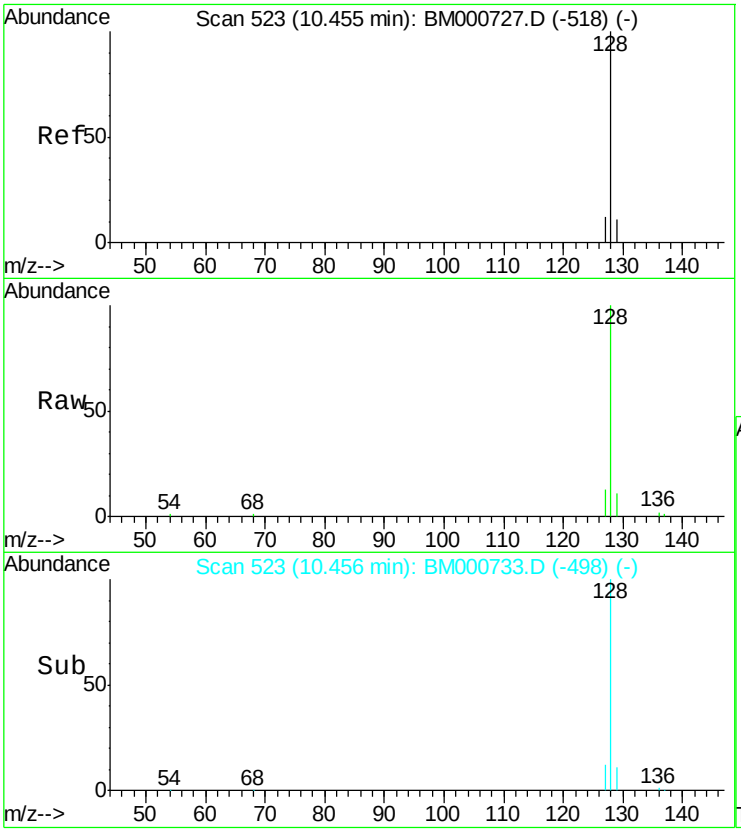


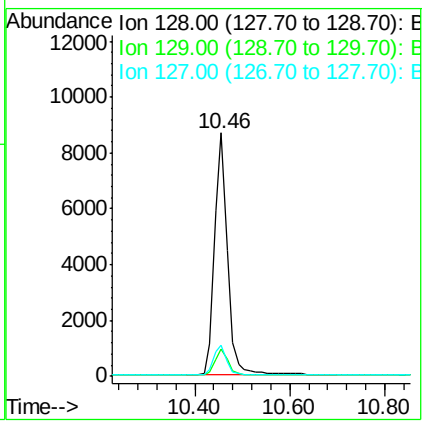


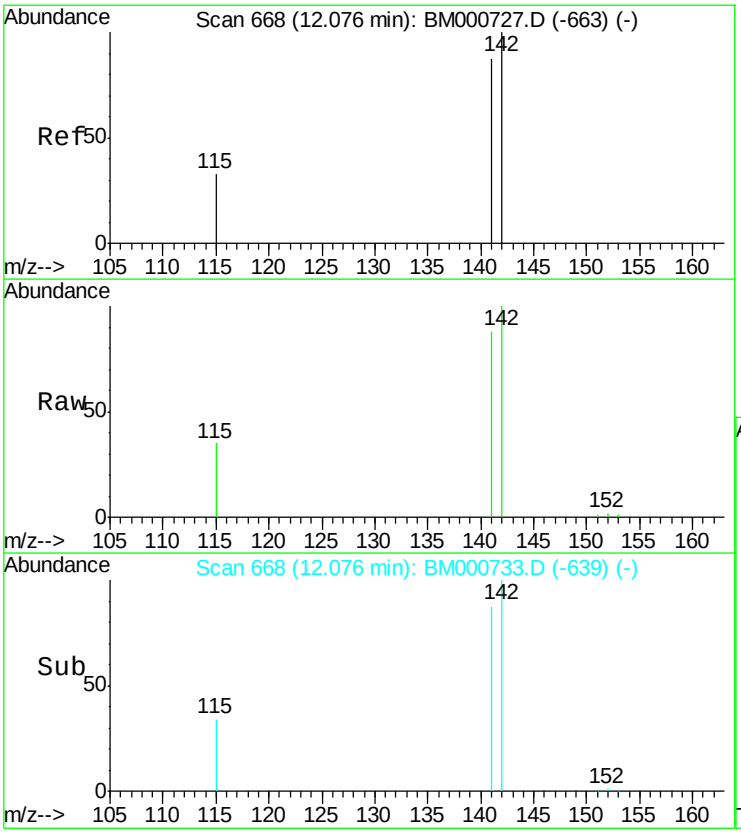
#3
Naphthalene
Concen: 0.75 ng/ul
RT: 10.46 min Scan# 523
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Instrument :
BNA_M
ClientSampleId :
X1K75

Tgt Ion:128 Resp: 16489

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	12.8	10.2	15.4

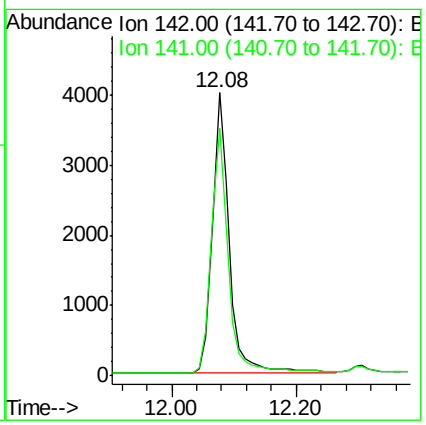


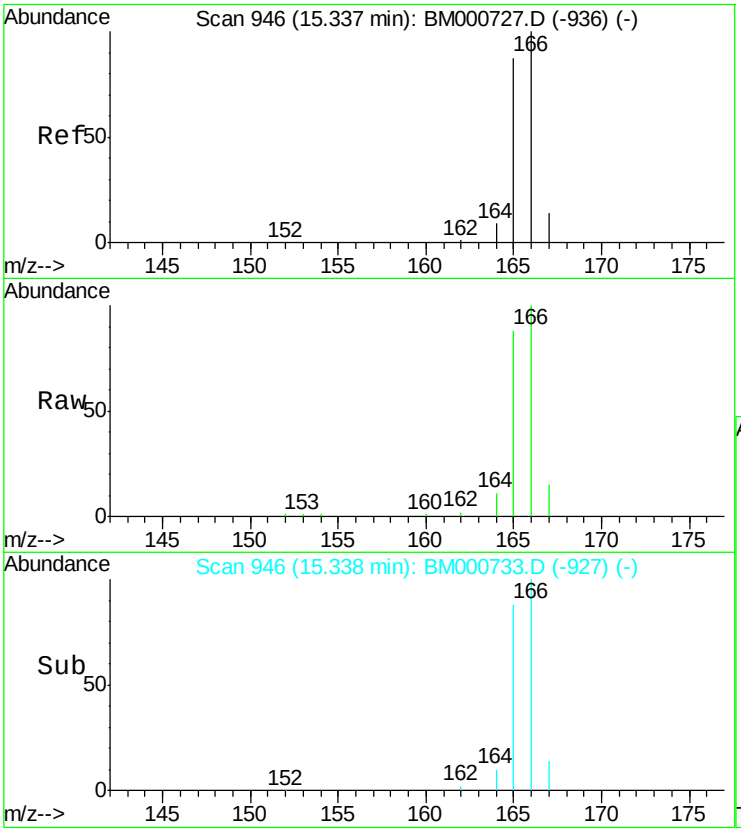


#5
2-Methylnaphthalene
Concen: 0.52 ng/ul
RT: 12.08 min Scan# 668
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Tgt Ion:142 Resp: 7299

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	106.0



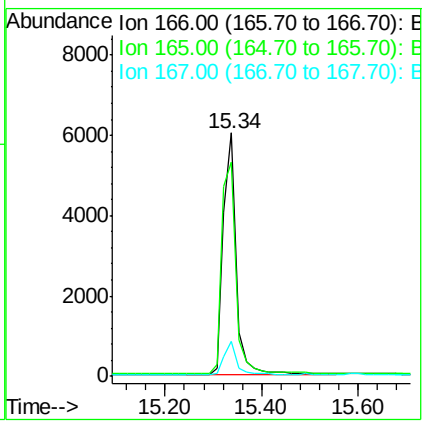


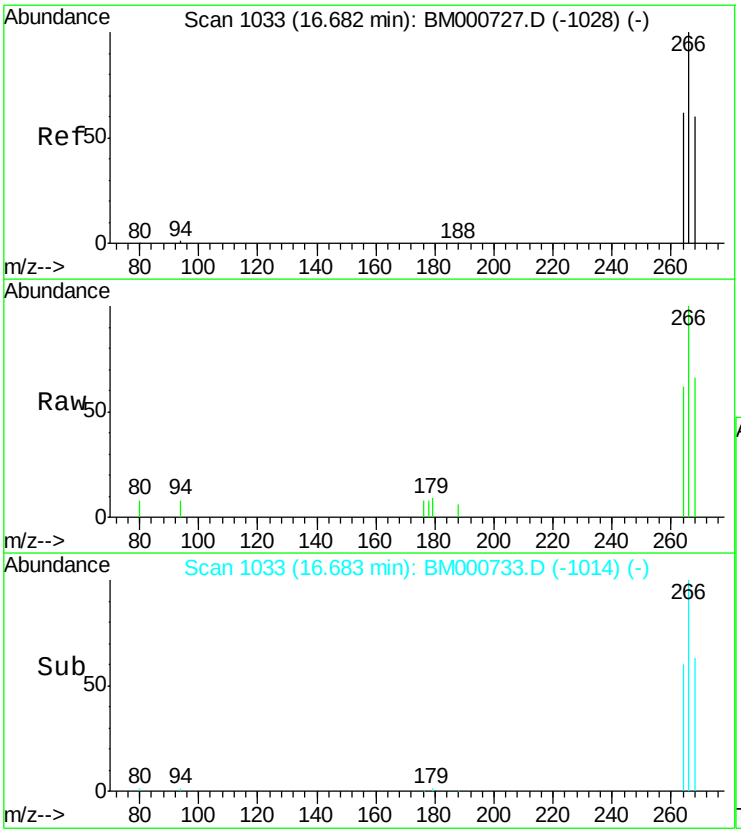
#9
Fluorene
Concen: 0.70 ng/ul
RT: 15.34 min Scan# 946
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Instrument :
BNA_M
ClientSampleId :
X1K75

Tgt Ion:166 Resp: 11264

Ion	Ratio	Lower	Upper
166	100		
165	87.9	69.8	104.6
167	14.6	12.5	18.7

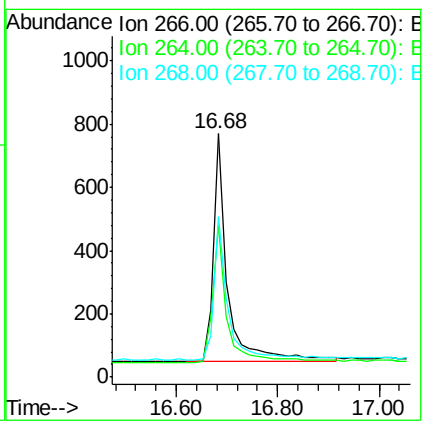


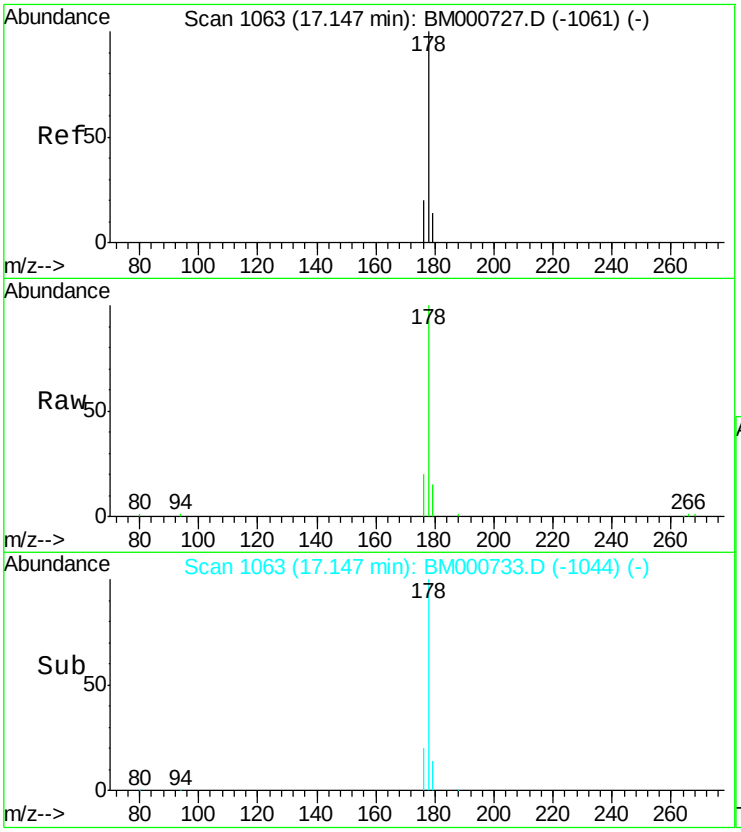


#11
Pentachlorophenol
Concen: 1.26 ng/ul
RT: 16.68 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Tgt Ion:266 Resp: 1415

Ion	Ratio	Lower	Upper
266	100		
264	61.8	47.8	71.8
268	64.2	51.7	77.5



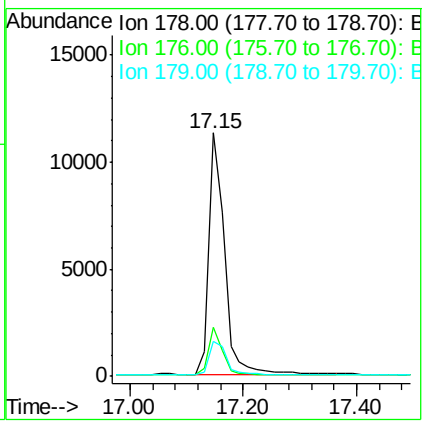


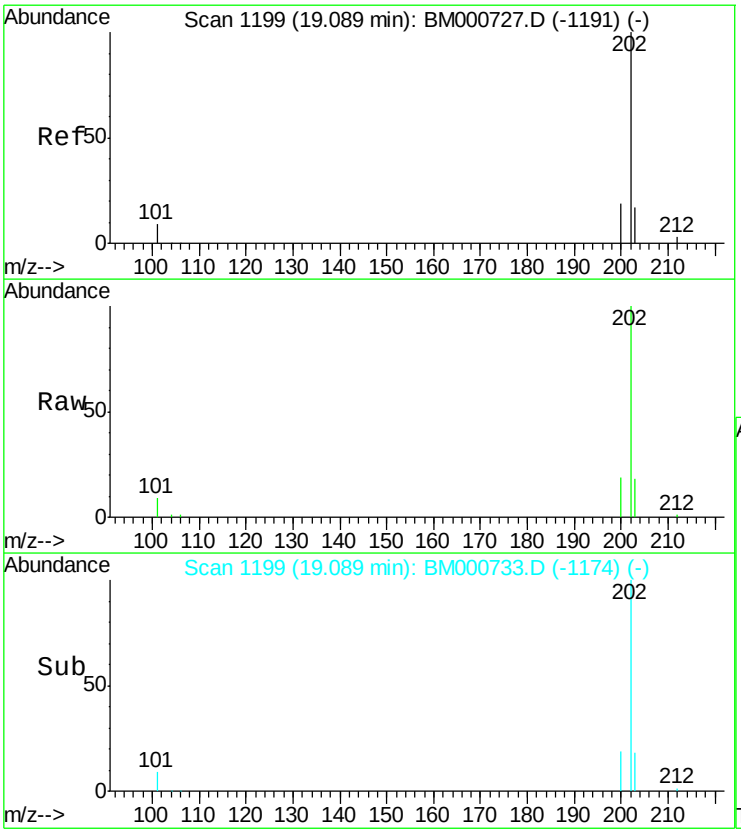
#13
Anthracene
Concen: 1.04 ng/ul
RT: 17.15 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Instrument :
BNA_M
ClientSampleId :
X1K75

Tgt Ion:178 Resp: 21886

Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.7	25.1
179	14.5	12.0	18.0

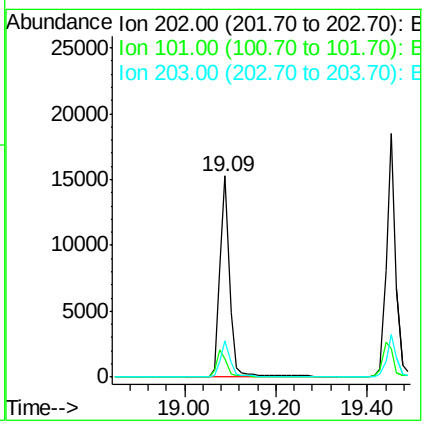


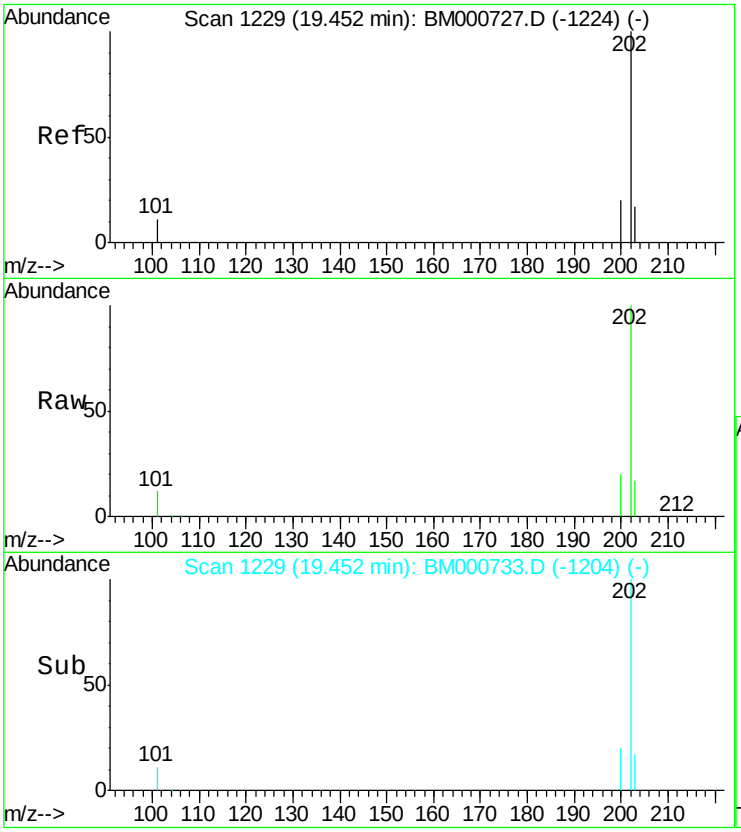


#15
Fluoranthene
Concen: 0.85 ng/ul
RT: 19.09 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Tgt Ion:202 Resp: 22464

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	29.8
203	18.0	0.0	37.7



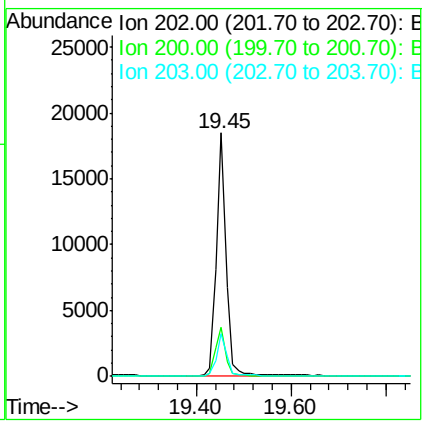


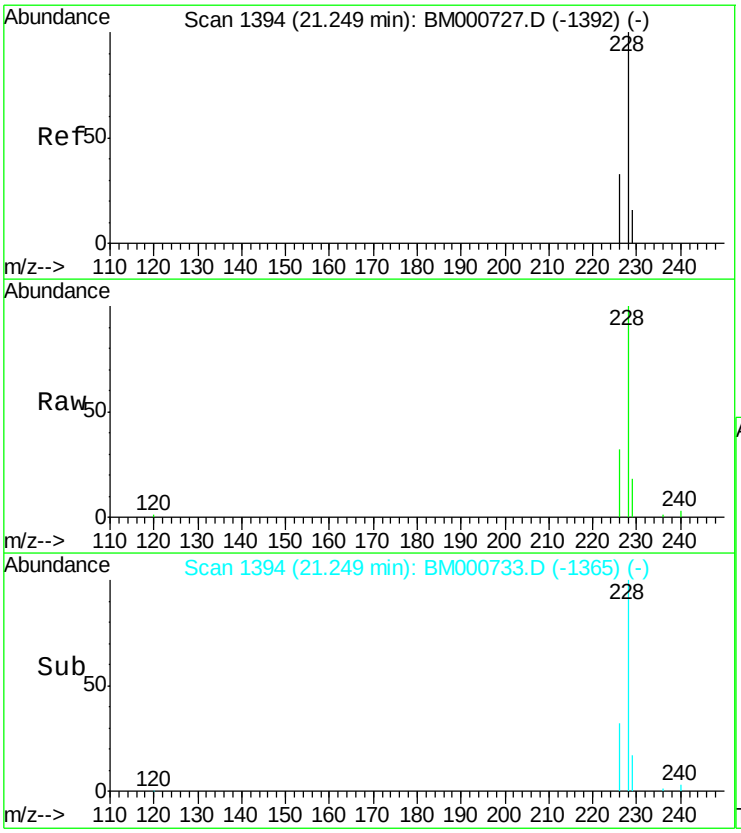
#17
Pyrene
Concen: 0.91 ng/ul
RT: 19.45 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Instrument :
BNA_M
ClientSampleId :
X1K75

Tgt Ion:202 Resp: 25968

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	17.4	13.9	20.9

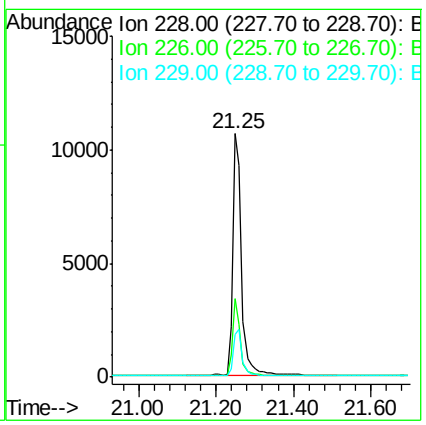


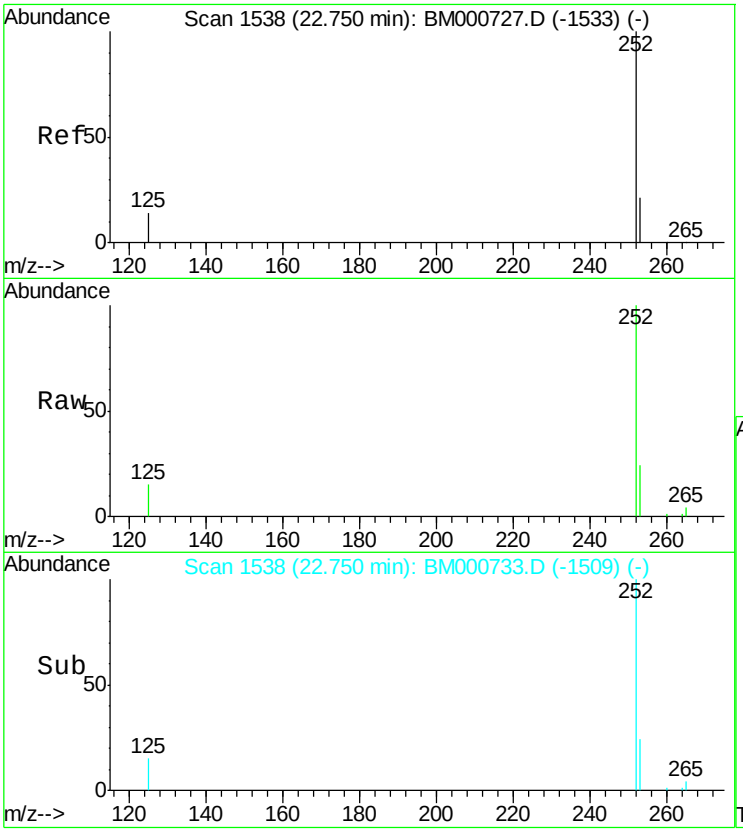


#19
Chrysene
Concen: 0.66 ng/ul
RT: 21.25 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Tgt Ion:228 Resp: 17407

Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.1	39.1
229	17.6	13.9	20.9



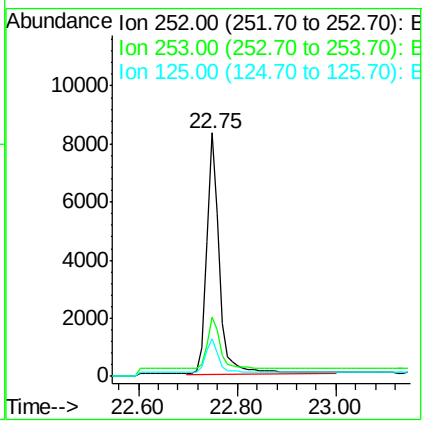


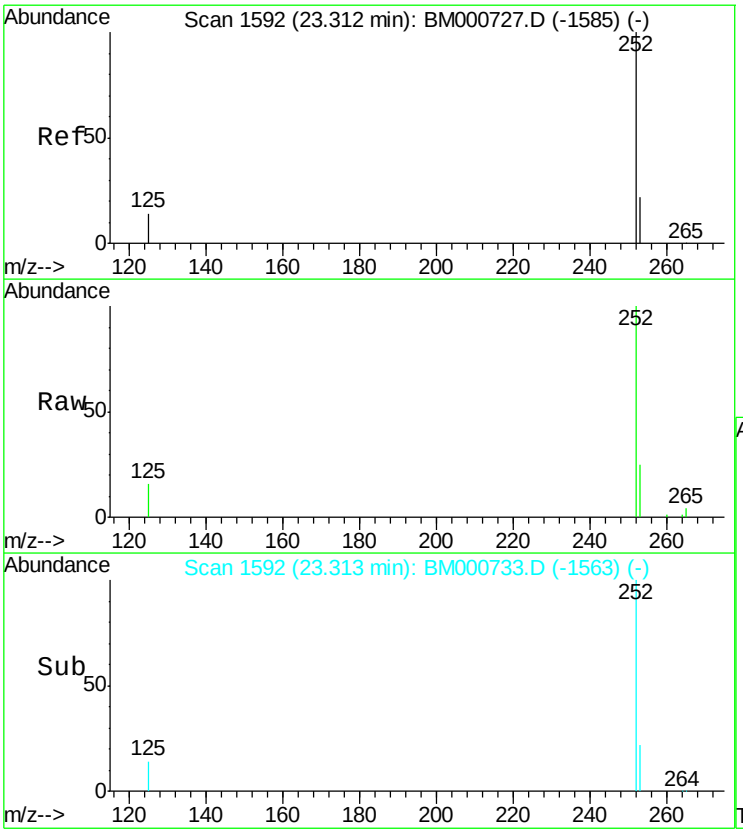
#21
Benzo(b)fluoranthene
Concen: 0.58 ng/ul
RT: 22.75 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Instrument :
BNA_M
ClientSampleId :
X1K75

Tgt Ion:252 Resp: 15182

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	49.2
125	15.2	0.0	30.0

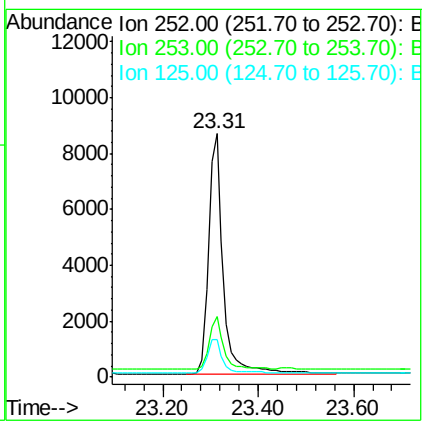


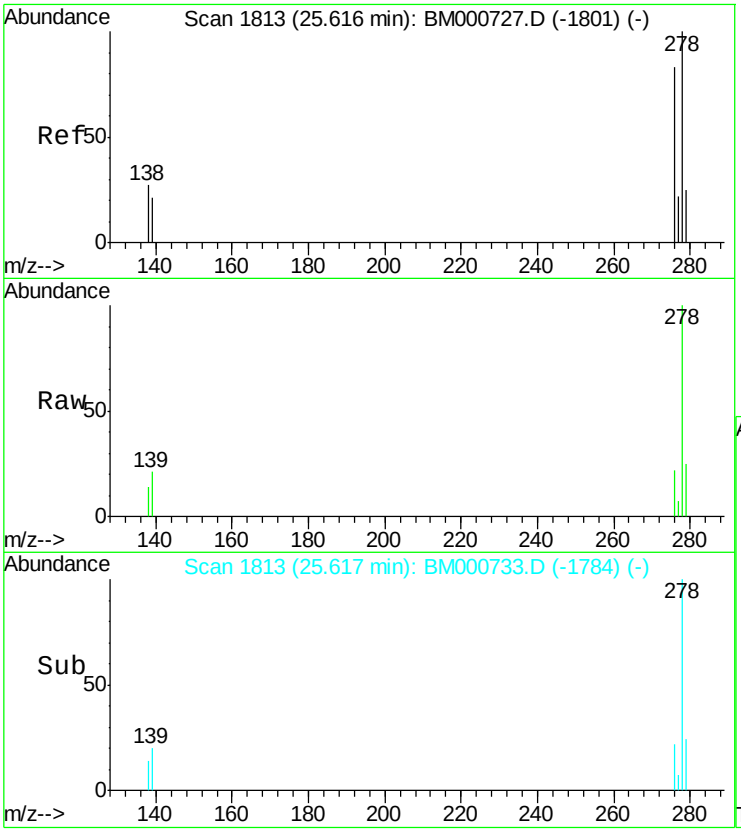


#23
Benzo(a)pyrene
Concen: 0.78 ng/ul
RT: 23.31 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Tgt Ion:252 Resp: 18603

Ion	Ratio	Lower	Upper
252	100		
253	25.1	21.5	32.3
125	15.6	13.0	19.6





#25
Dibenzo(a,h)anthracene
Concen: 1.61 ng/ul
RT: 25.62 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM000733.D
Acq: 19 Mar 2015 18:10

Instrument :
BNA_M
ClientSampleId :
X1K75

Tgt Ion:278 Resp: 35765

Ion	Ratio	Lower	Upper
278	100		
139	20.9	18.1	27.1
279	24.8	22.3	33.5