Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112316\
Data File : BM008036.D
Acq On : 23 Nov 2016 16:28
Operator : UM/SJ
Sample : H5695-11DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHST6DL

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Quant Time: Nov 27 23:47:41 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 24 02:56:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	494	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.51	136	1629	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	980	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	1923	0.40	ng/ul	0.00
16) Chrysene-d12	21.30	240	1971	0.40	ng/ul	0.00
20) Perylene-d12	23.54	264	1915	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.14	152	91	0.04	ng/ul	0.03
14) Fluoranthene-d10	19.14	212	213	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.07	152	405	0.09	ng/ul#	62
12) Phenanthrene	17.14	178	4019	0.67	ng/ul	95
13) Anthracene	17.23	178	623m	0.11	ng/ul	
15) Fluoranthene	19.16	202	7420	0.96	ng/ul	95
17) Pyrene	19.52	202	7615	1.11	ng/ul	98
18) Benzo(a)anthracene	21.28	228	2774	0.46	ng/ul	94
19) Chrysene	21.33	228	3666	0.49	ng/ul	95
21) Benzo(b)fluoranthene	22.86	252	3613m	0.47	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	1911m	0.24	ng/ul	
23) Benzo(a)pyrene	23.43	252	3135m	0.44	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.79	276	2047	0.23	ng/ul#	91
26) Benzo(g,h,i)perylene	26.49	276	1696	0.22	ng/ul#	94

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

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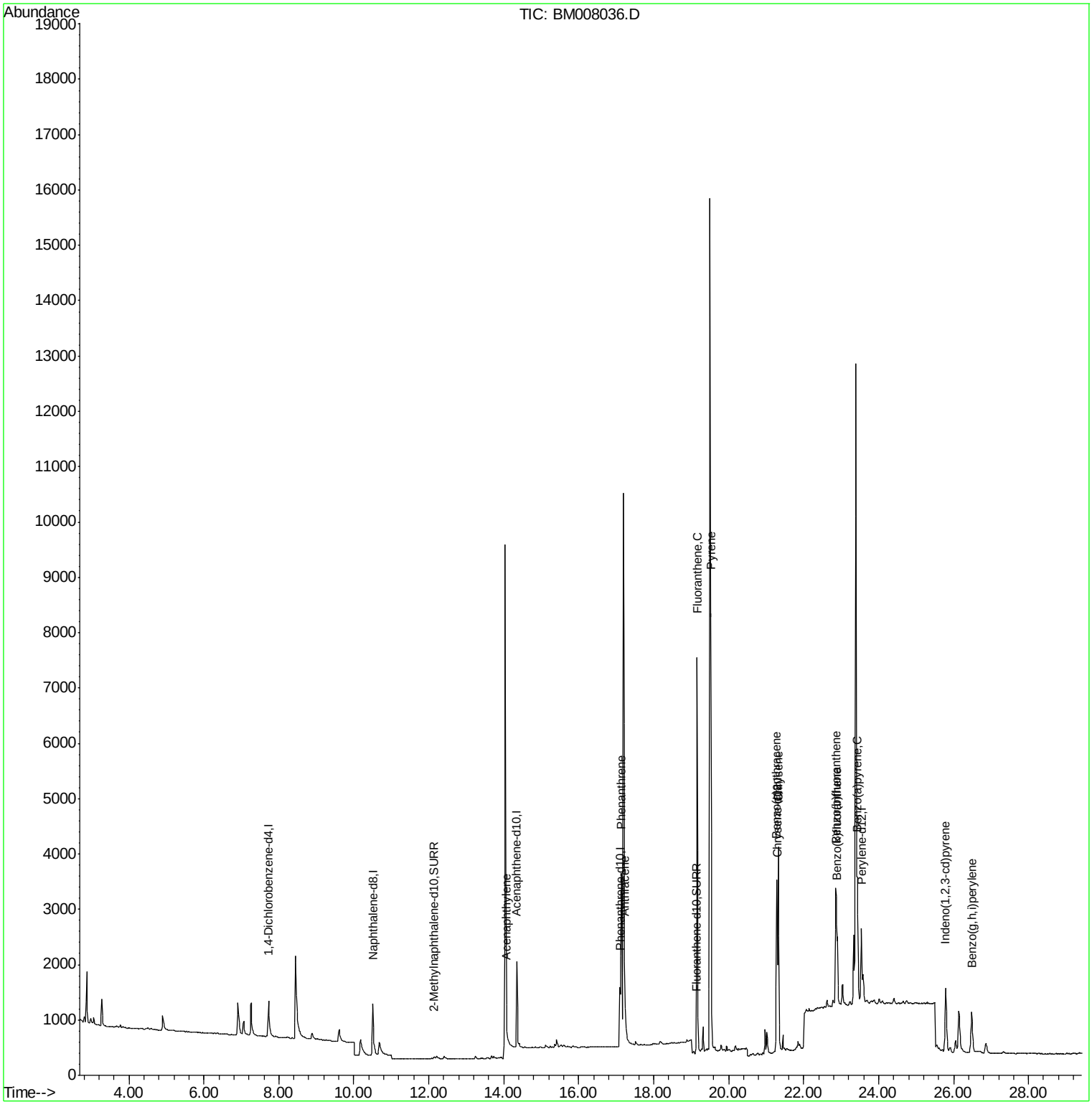
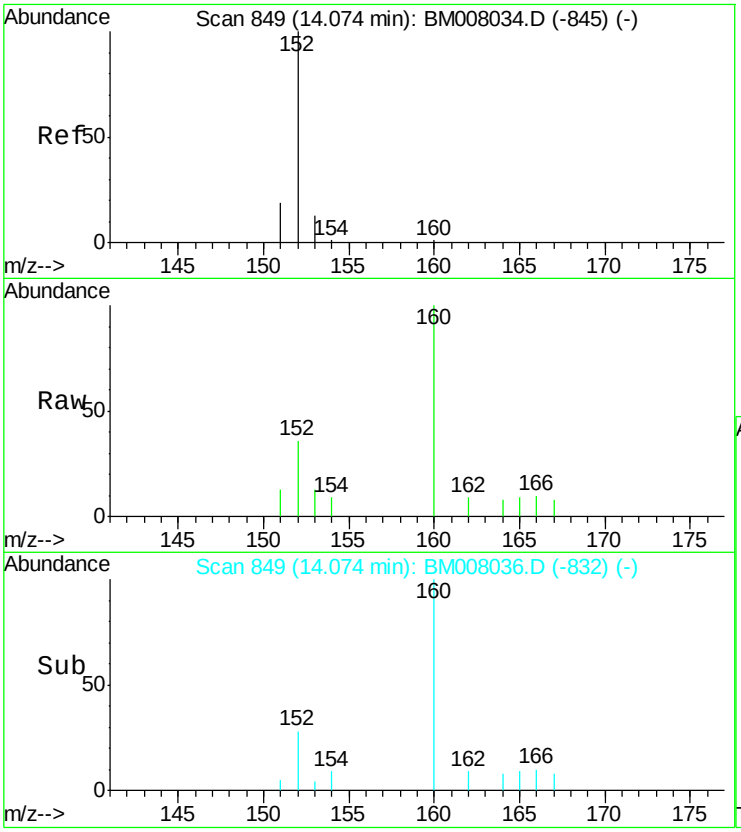
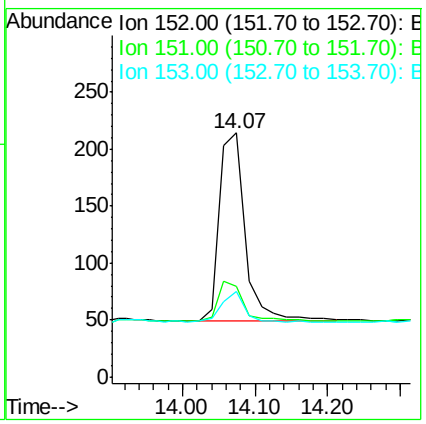




#7
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.07 min Scan# 849
Delta R.T. -0.00 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:152 Resp: 405

Ion	Ratio	Lower	Upper
152	100		
151	36.9	17.1	25.7#
153	35.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
JHST6DL

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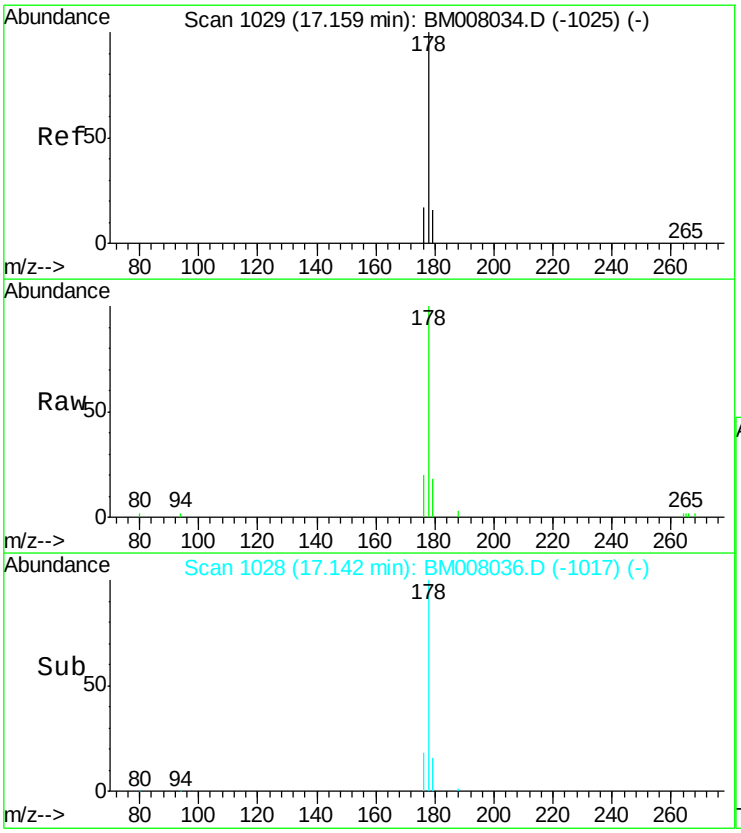
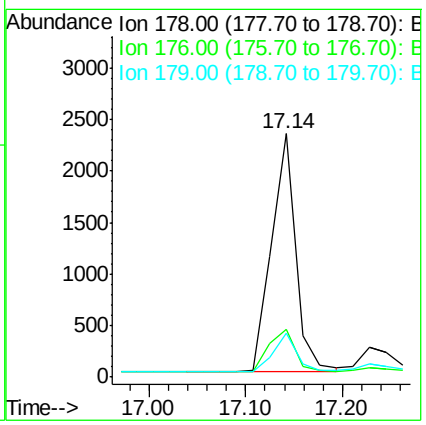
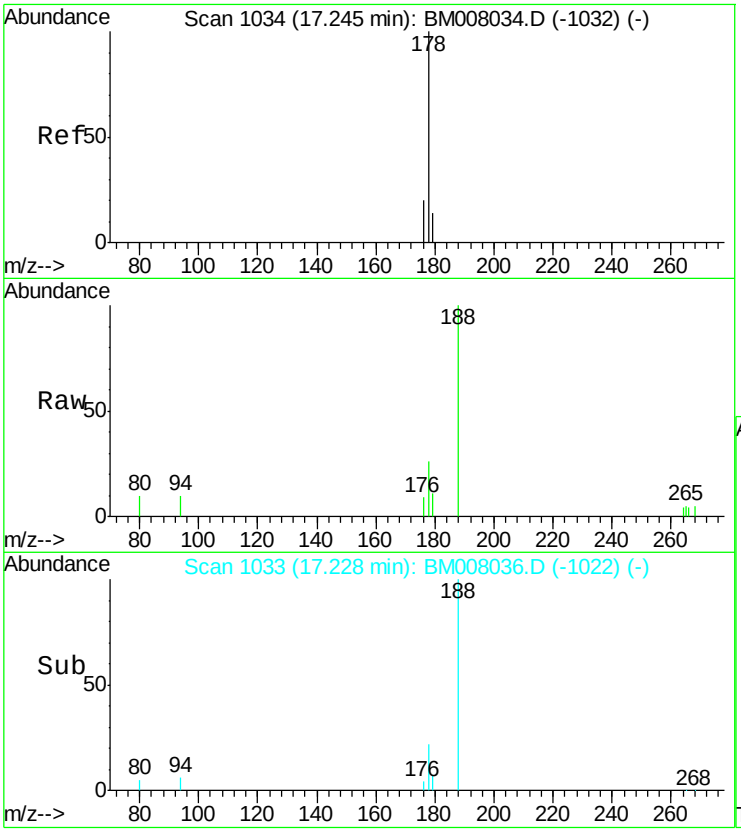


#12
Phenanthrene
Concen: 0.67 ng/ul
RT: 17.14 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:178 Resp: 4019

Ion	Ratio	Lower	Upper
178	100		
176	19.6	18.4	27.6
179	18.2	13.6	20.4





#13
Anthracene
Concen: 0.11 ng/ul m
RT: 17.23 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:178 Resp: 623

Ion	Ratio	Lower	Upper
178	100		
176	33.2	18.1	27.1#
179	44.3	14.7	22.1#

Instrument :
BNA_M
ClientSampleId :
JHST6DL

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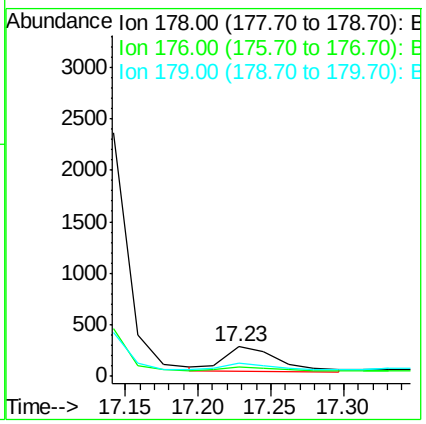
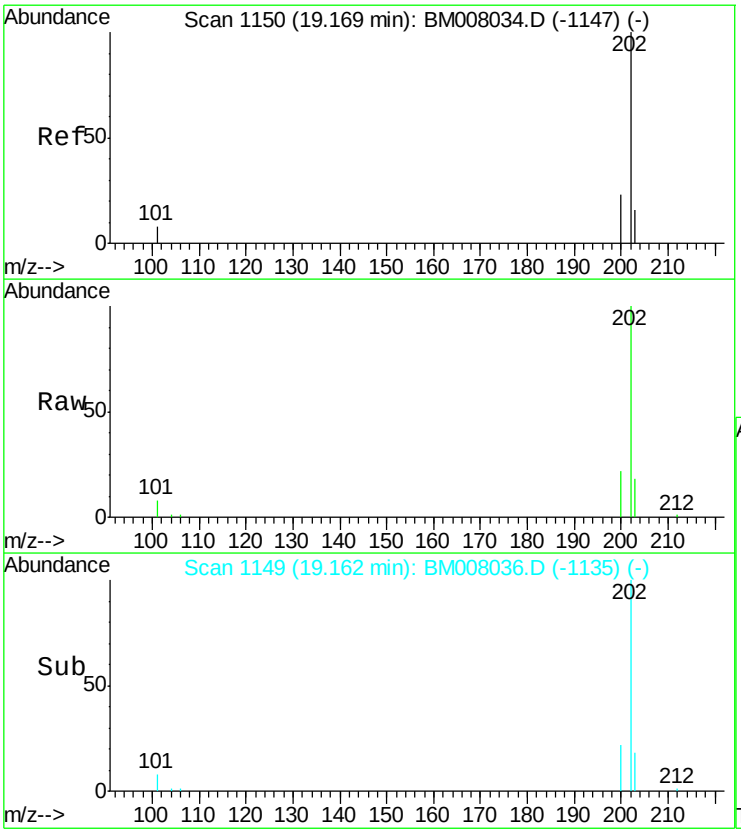
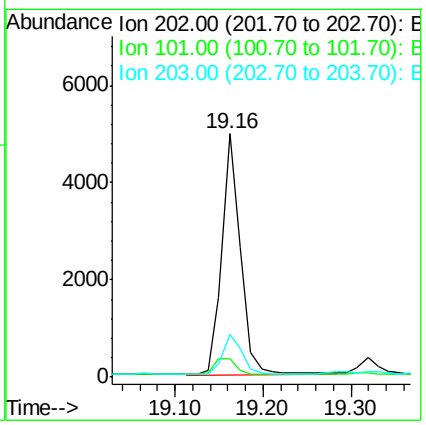


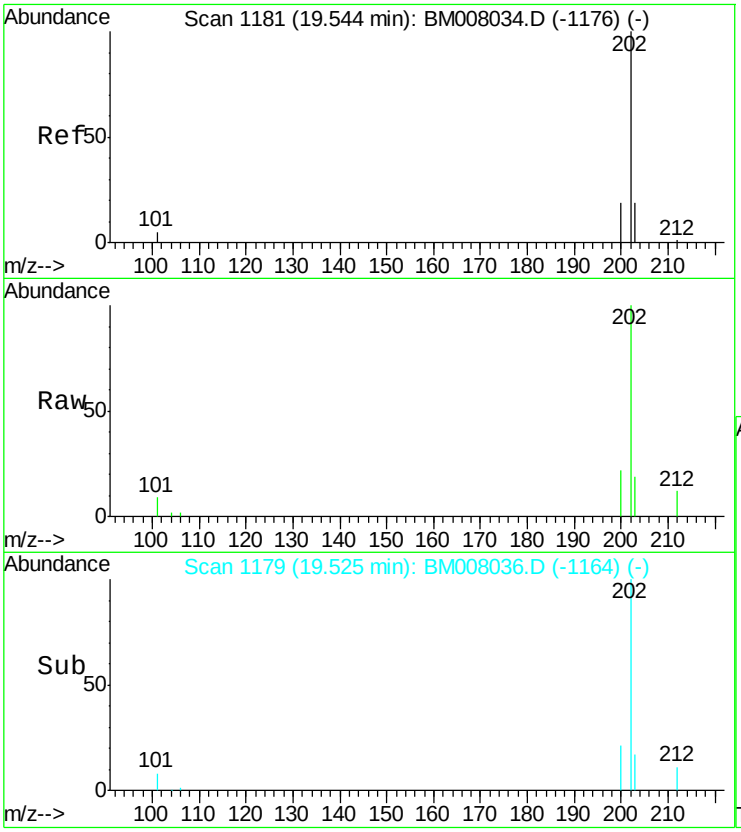


#15
Fluoranthene
Concen: 0.96 ng/ul
RT: 19.16 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:202 Resp: 7420

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	30.3
203	17.7	0.0	39.5

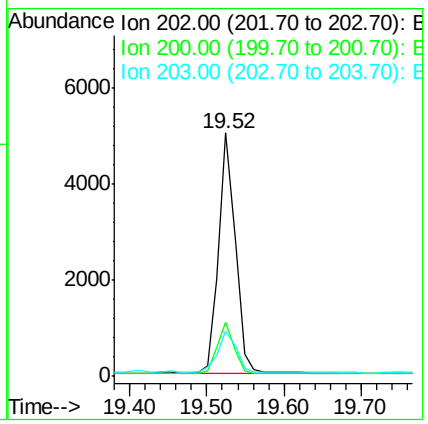




#17
Pyrene
Concen: 1.11 ng/ul
RT: 19.52 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:202 Resp: 7615

Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.2	27.4
203	18.5	15.6	23.4



Instrument :
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ClientSampleId :
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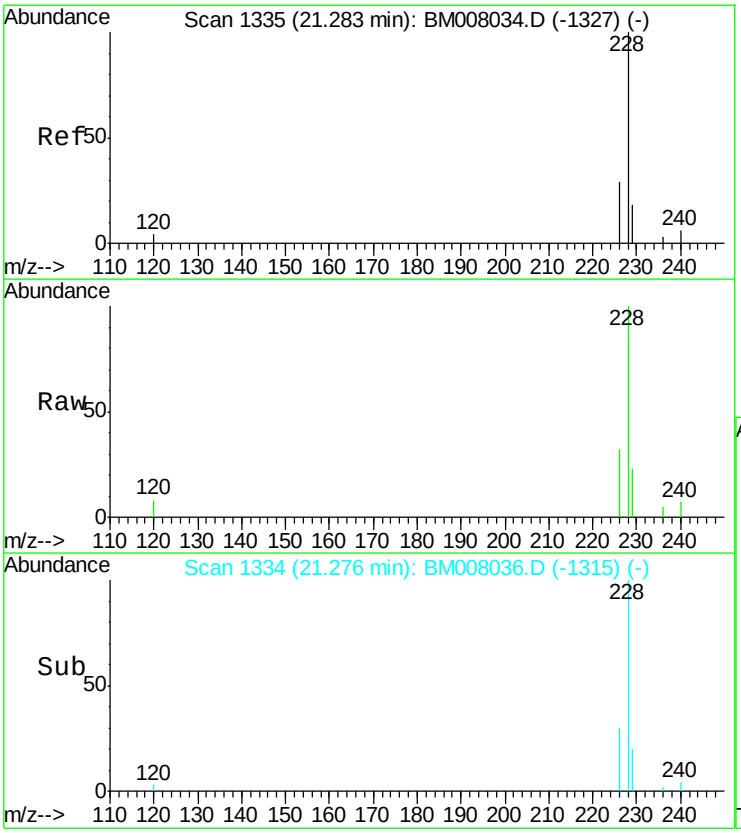
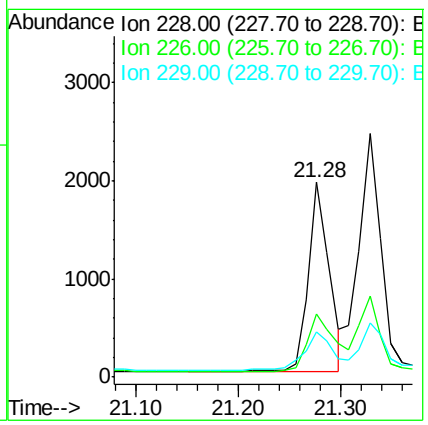
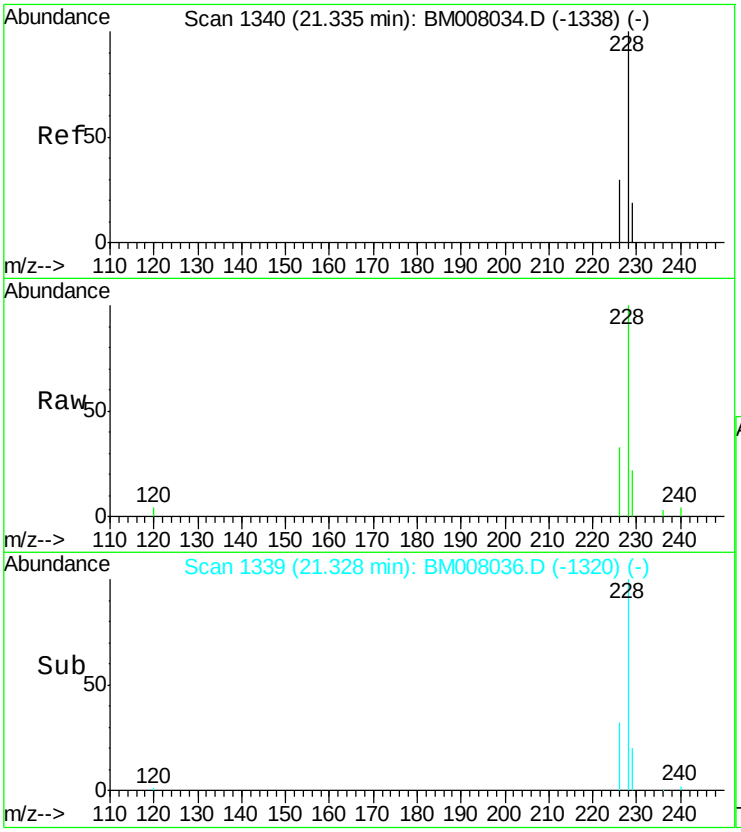


#18
Benzo(a)anthracene
Concen: 0.46 ng/ul
RT: 21.28 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:228 Resp: 2774

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.8	34.2
229	23.3	17.0	25.6

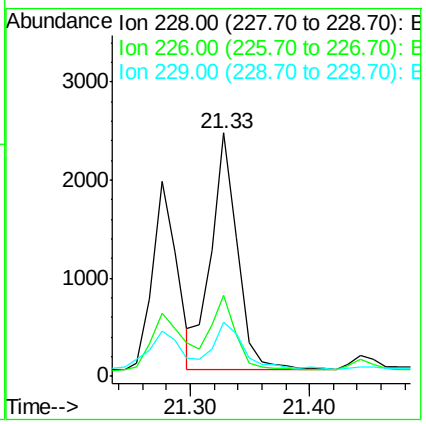




#19
Chrysene
Concen: 0.49 ng/ul
RT: 21.33 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:228 Resp: 3666

Ion	Ratio	Lower	Upper
228	100		
226	33.4	23.4	35.0
229	22.5	17.7	26.5



Instrument :
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ClientSampleId :
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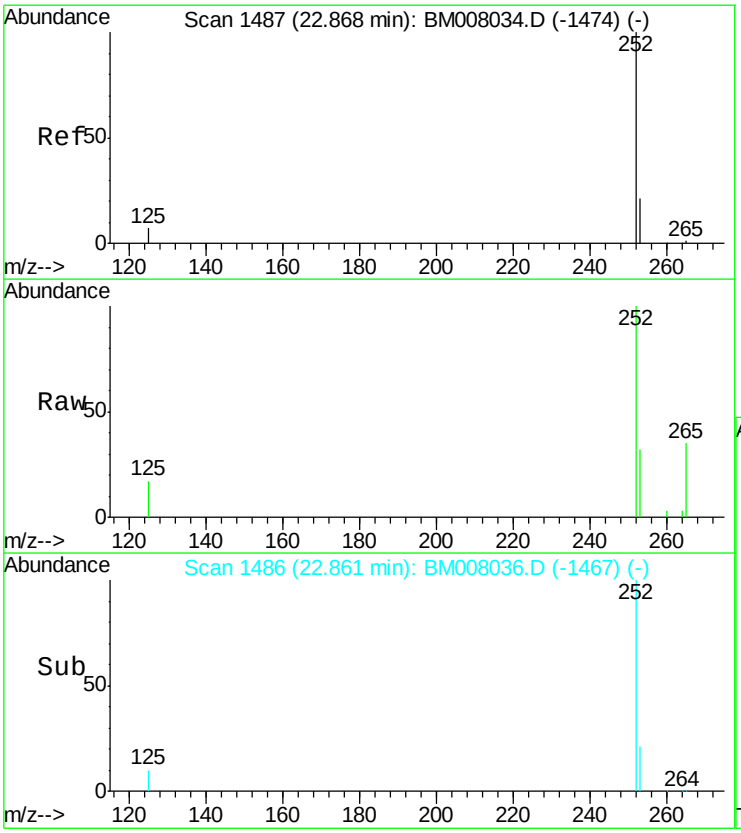
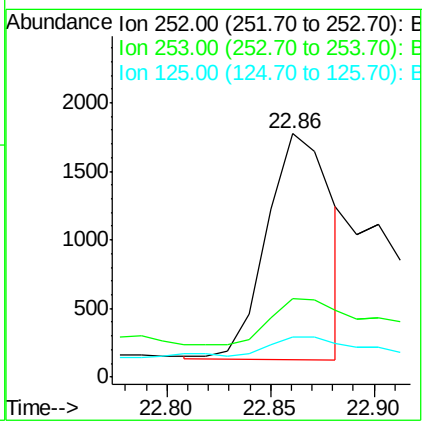
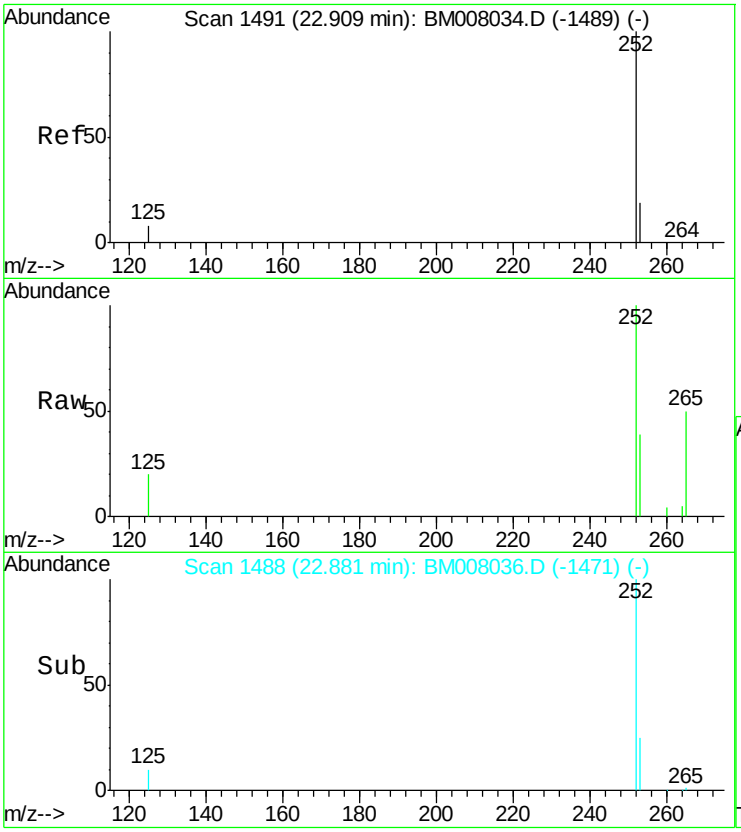


#21
Benzo(b)fluoranthene
Concen: 0.47 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.01 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:252 Resp: 3613

Ion	Ratio	Lower	Upper
252	100		
253	32.2	0.0	64.2
125	16.7	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.24 ng/ul m
RT: 22.88 min Scan# 1488
Delta R.T. -0.03 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:252 Resp: 1911

Ion	Ratio	Lower	Upper
252	100		
253	39.2	24.5	36.7#
125	19.8	13.7	20.5

Instrument :
BNA_M
ClientSampleId :
JHST6DL

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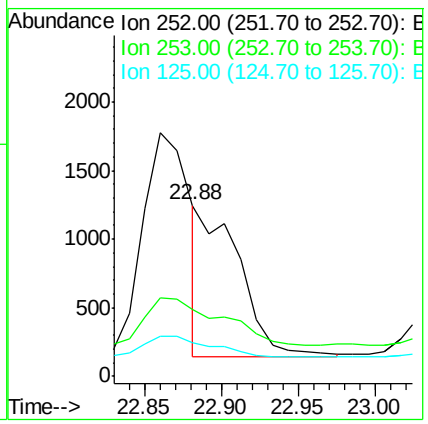
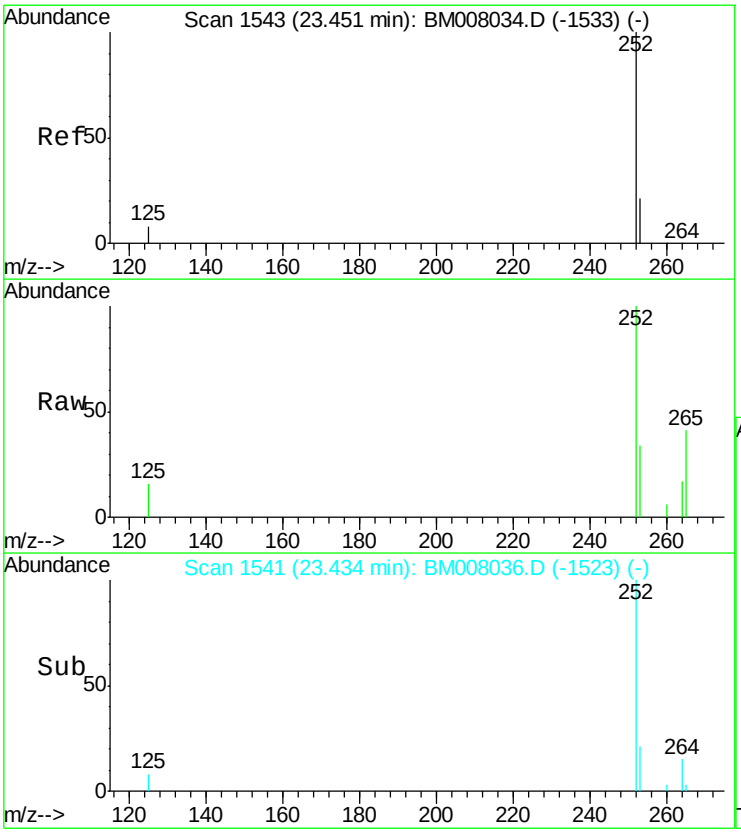
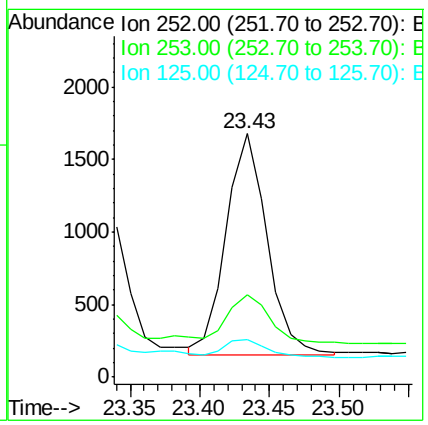


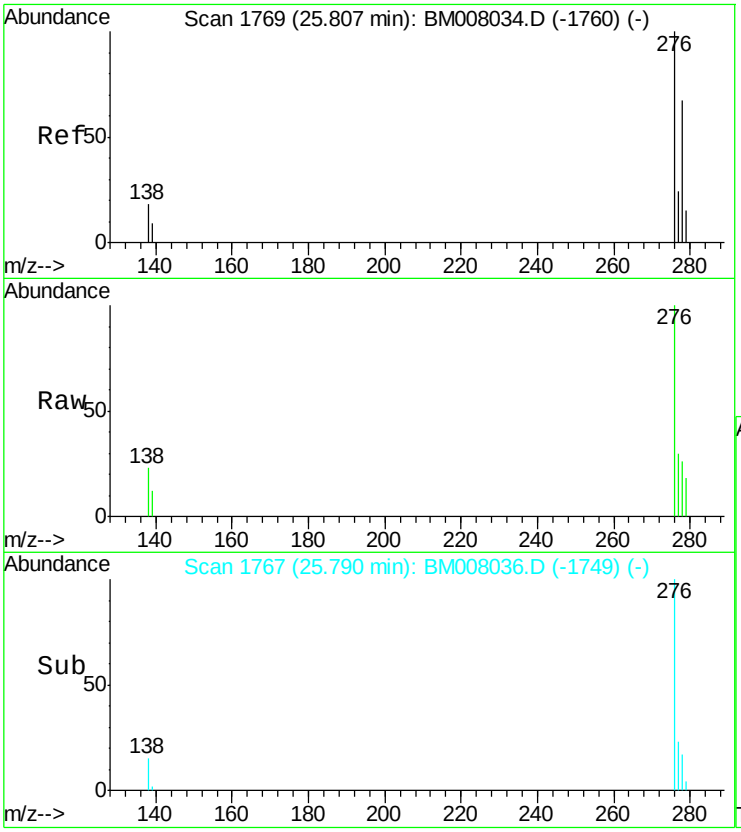


#23
Benzo(a)pyrene
Concen: 0.44 ng/ul m
RT: 23.43 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:252 Resp: 3135

Ion	Ratio	Lower	Upper
252	100		
253	34.1	28.5	42.7
125	15.5	18.1	27.1#

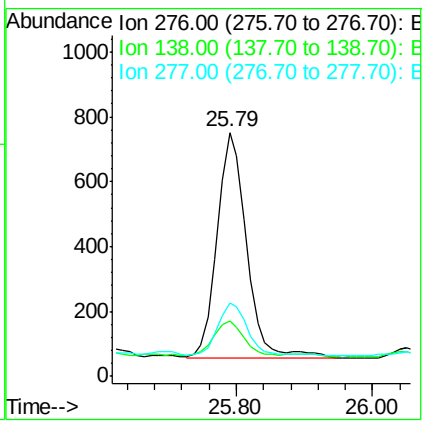




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.23 ng/ul
RT: 25.79 min Scan# 1767
Delta R.T. -0.02 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:276 Resp: 2047

Ion	Ratio	Lower	Upper
276	100		
138	15.6	19.1	28.7#
277	23.7	19.6	29.4



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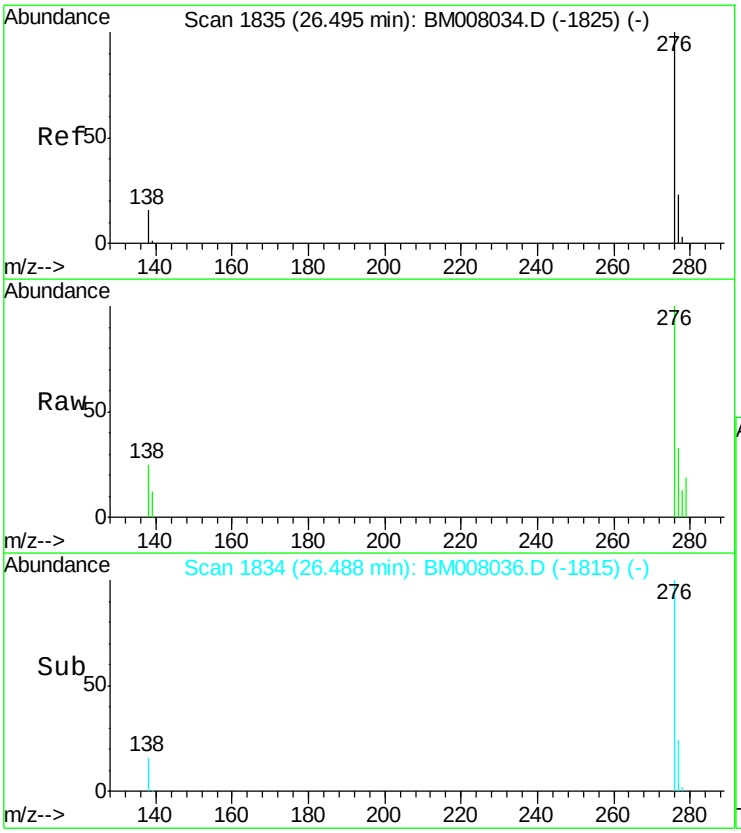

#26
Benzo(g,h,i)perylene
Concen: 0.22 ng/ul
RT: 26.49 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM008036.D
Acq: 23 Nov 2016 16:28

Tgt Ion:276 Resp: 1696

Ion	Ratio	Lower	Upper
276	100		
277	33.2	21.8	32.8#
138	25.2	20.5	30.7