Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009560.D
Acq On : 05 Apr 2017 16:34
Operator : SJ/MA
Sample : I2285-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB336

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:09 AM

Quant Time: Apr 05 18:47:46 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 05 13:39:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	120921	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	450438	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	257499	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	619554	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	859354	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	828696	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	33534	4.84	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	508546	20.15	ng/ul	0.00
10) Fluorene-d10	15.48	176	442864	24.40	ng/ul	0.00
15) Anthracene-d10	17.33	188	709918	23.95	ng/ul	0.00
19) Pyrene-d10	19.63	212	856710	24.26	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	744279	20.34	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.27	178	73884	2.12	ng/ul#	92
17) Fluoranthene	19.29	202	151173	3.48	ng/ul#	92
20) Pyrene	19.65	202	151952	3.25	ng/ul#	95
21) Benzo(a)anthracene	21.40	228	88500	1.82	ng/ul	98
22) Chrysene	21.45	228	100075	2.25	ng/ul	93
24) Benzo(b)fluoranthene	23.03	252	131406	2.56	ng/ul#	94
27) Benzo(a)pyrene	23.63	252	66337	1.36	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	26.09	276	58901m	1.08	ng/ul	
30) Benzo(g,h,i)perylene	26.81	276	55313	1.23	ng/ul	95

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

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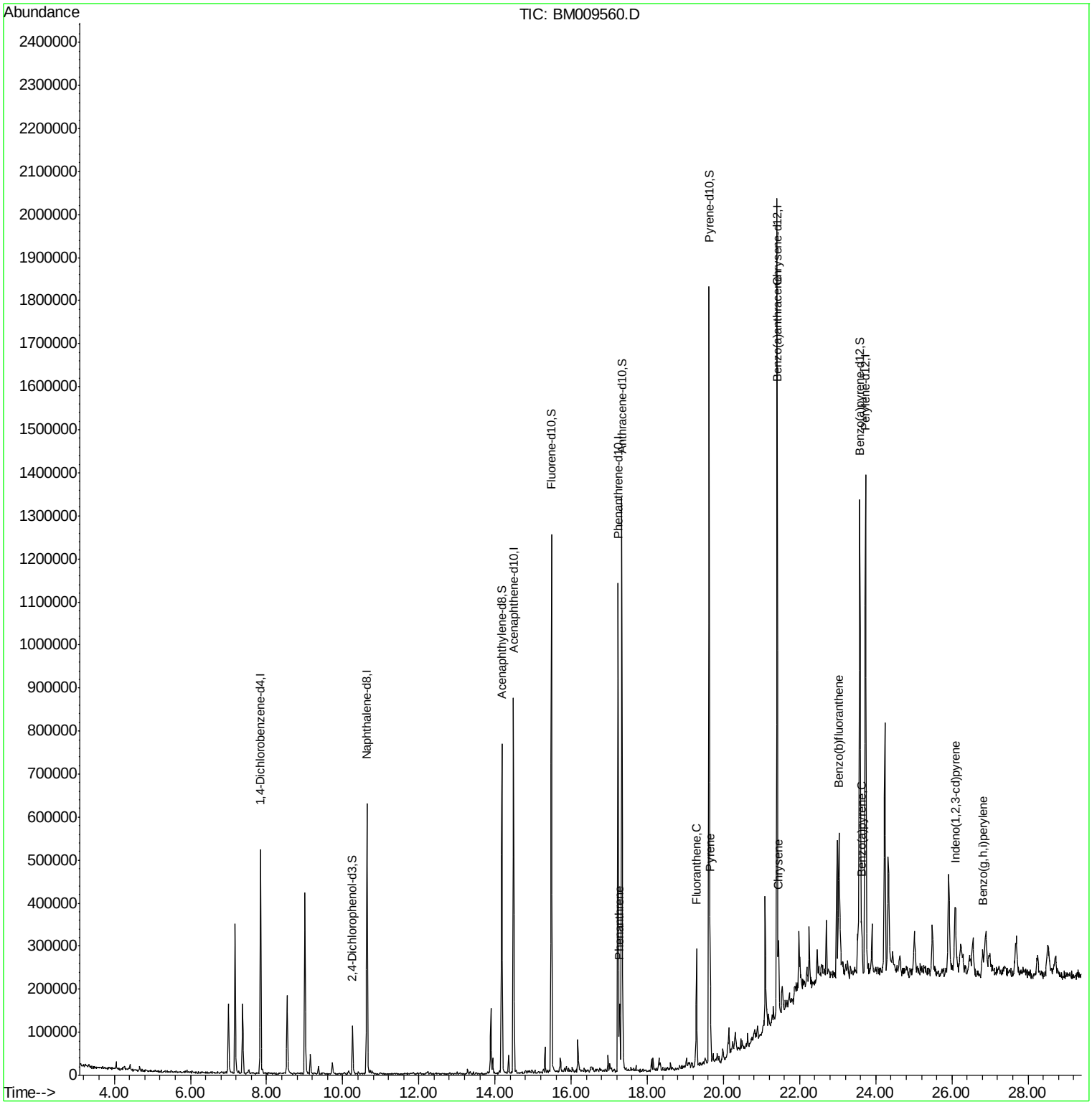
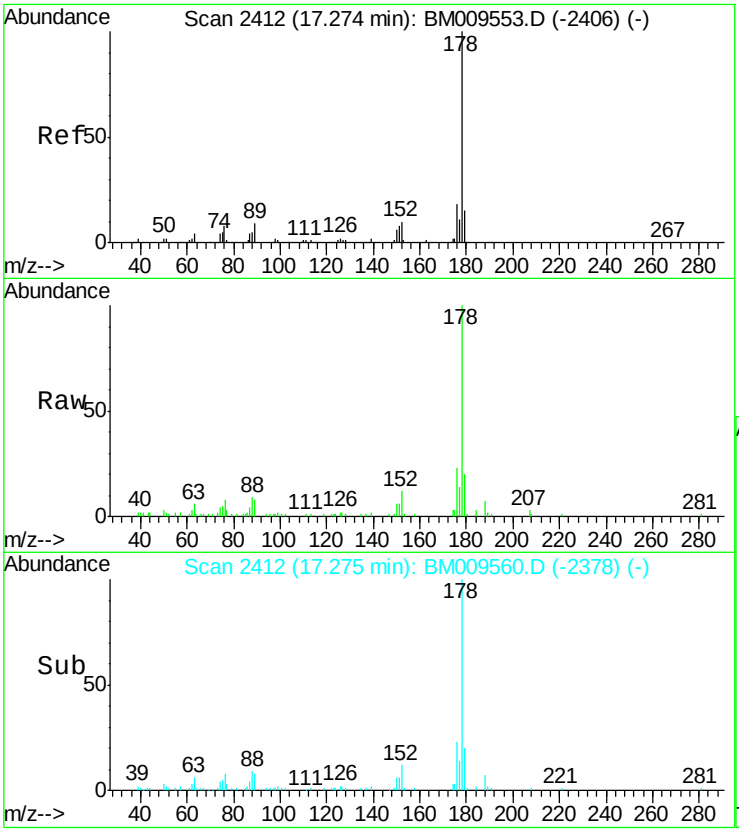
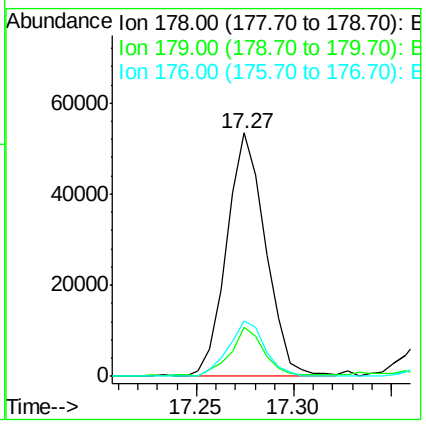




#14
Phenanthrene
Concen: 2.12 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:178 Resp: 73884

Ion	Ratio	Lower	Upper
178	100		
179	20.3	12.2	18.4#
176	22.8	16.4	24.6



Instrument :
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ClientSampleId :
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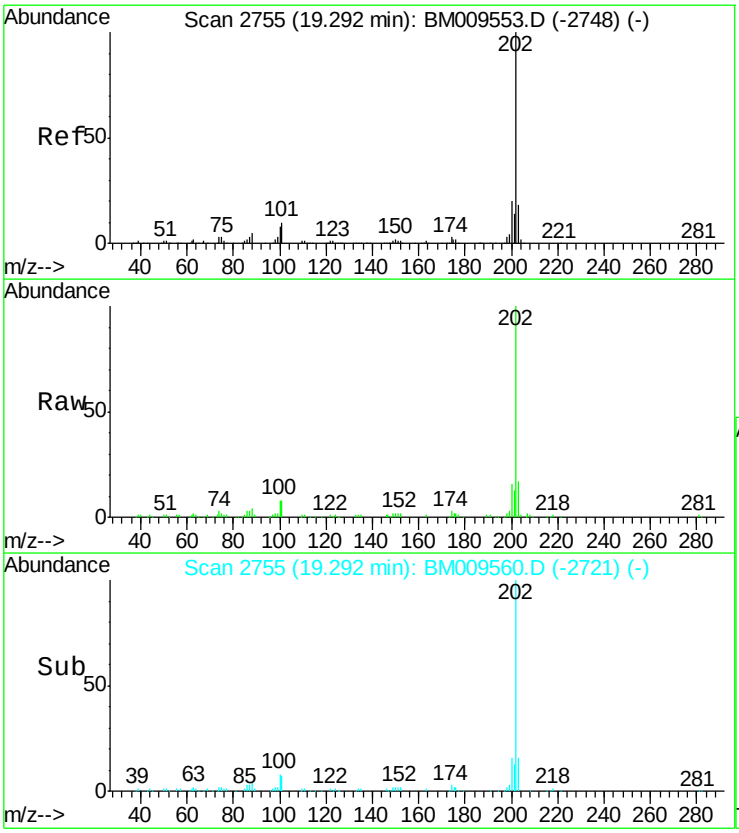
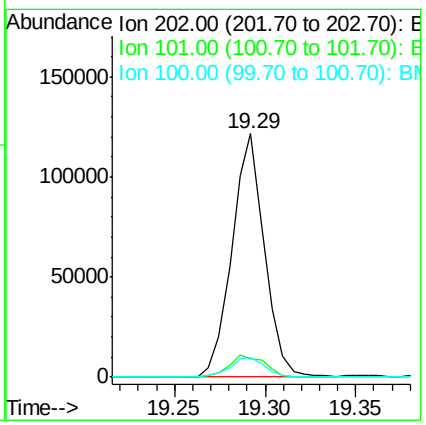
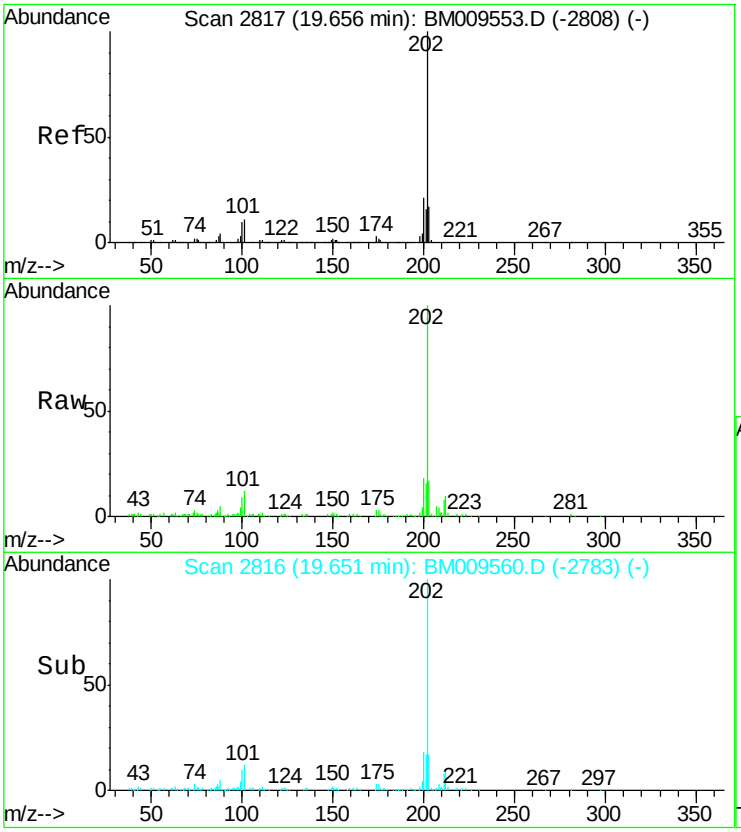


#17
Fluoranthene
Concen: 3.48 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:202 Resp: 151173

Ion	Ratio	Lower	Upper
202	100		
101	7.7	9.8	14.8#
100	7.8	7.5	11.3

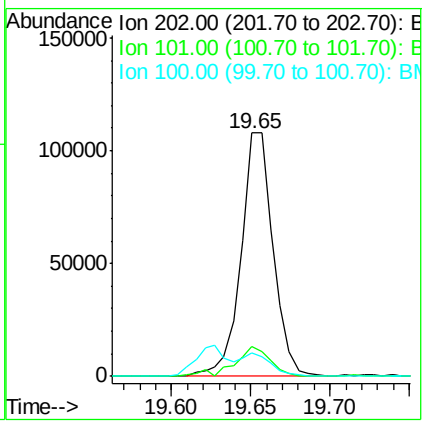




#20
Pyrene
Concen: 3.25 ng/ul
RT: 19.65 min Scan# 2816
Delta R.T. -0.01 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:202 Resp: 151952

Ion	Ratio	Lower	Upper
202	100		
101	12.4	11.2	16.8
100	9.5	9.8	14.6#



Instrument :
BNA_M
ClientSampleId :
CB336

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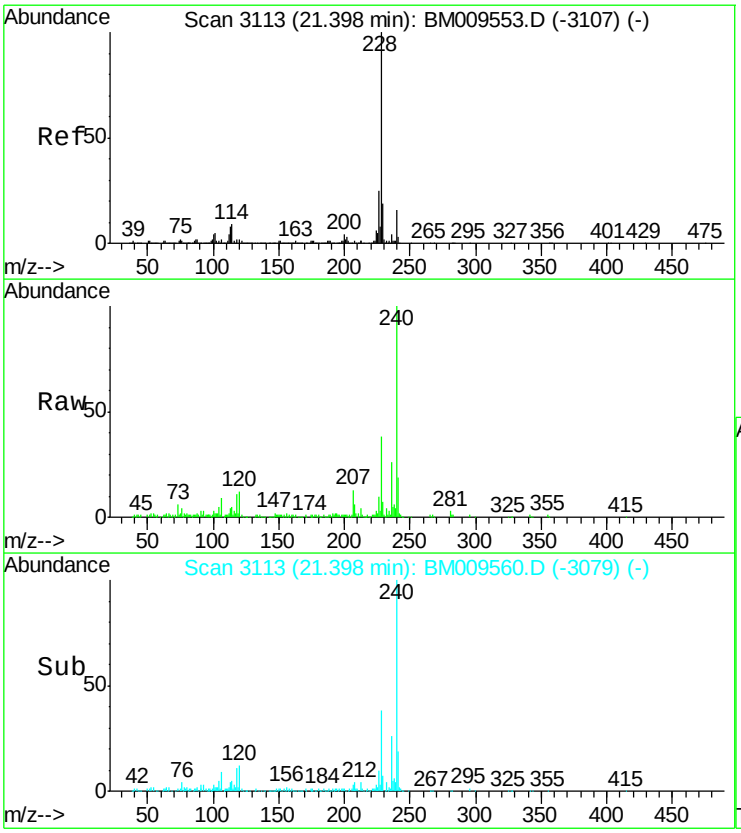
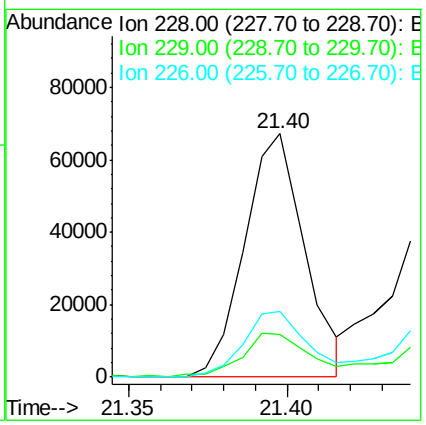
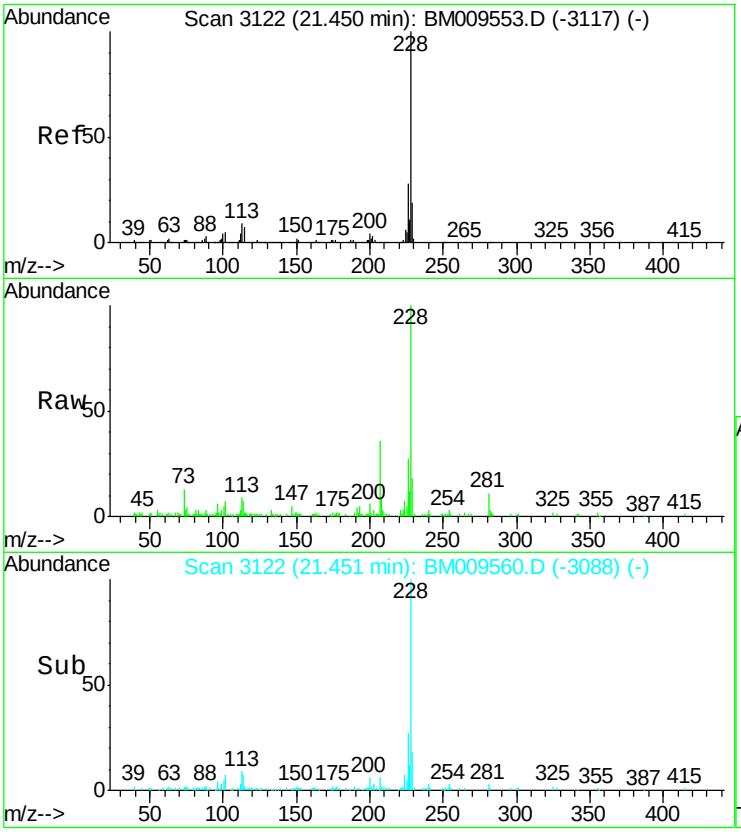


#21
Benzo(a)anthracene
Concen: 1.82 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:228 Resp: 88500

Ion	Ratio	Lower	Upper
228	100		
229	17.6	15.9	23.9
226	27.2	22.1	33.1





#22
Chrysene
Concen: 2.25 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:228 Resp: 100075

Ion	Ratio	Lower	Upper
228	100		
226	26.7	25.0	37.6
229	17.9	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
CB336

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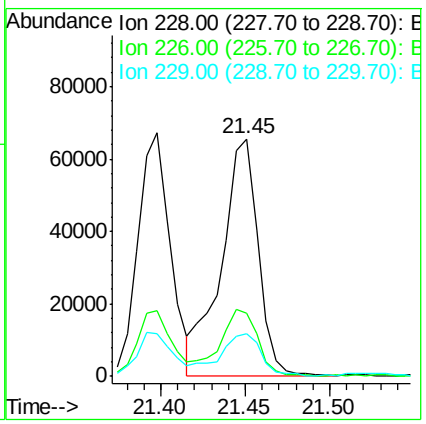
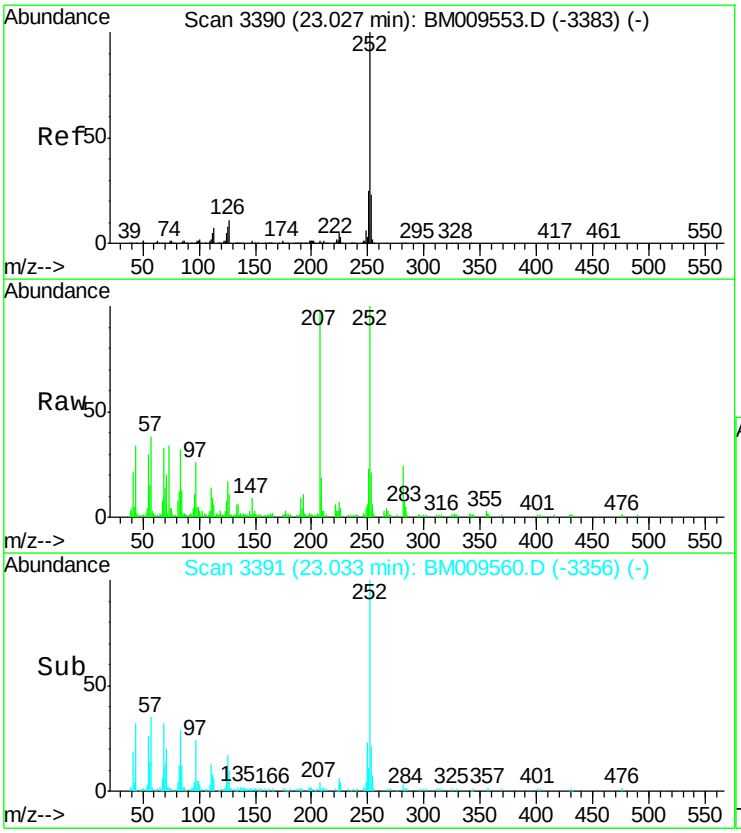
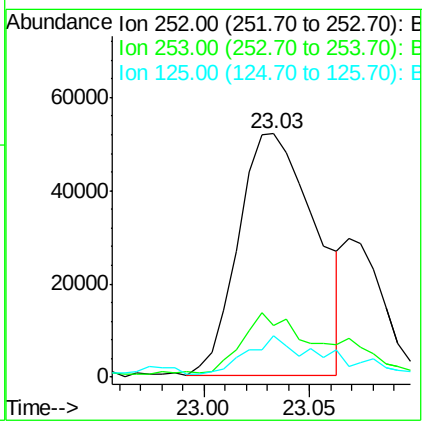


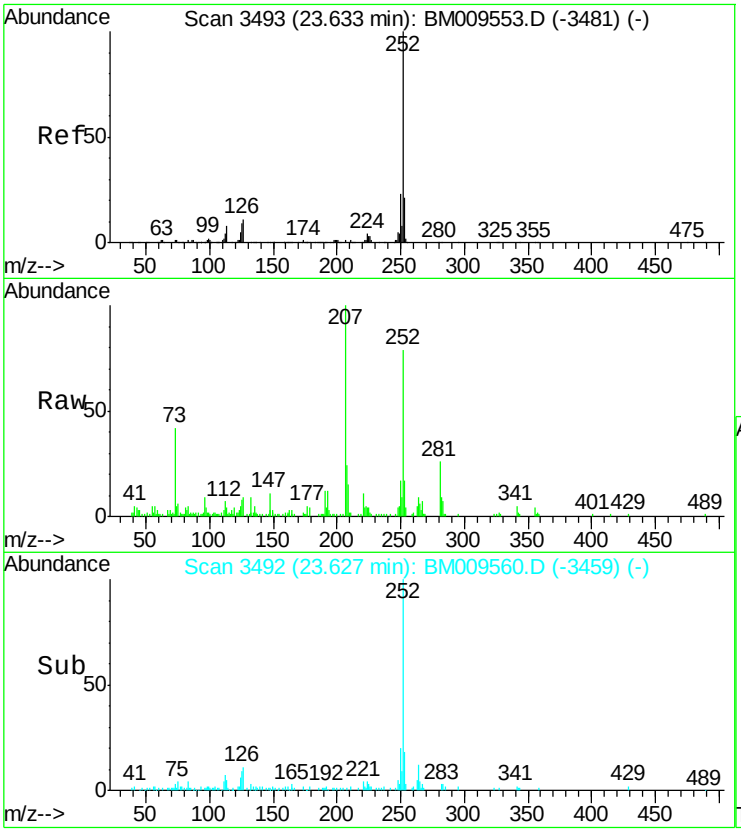


#24
Benzo(b)fluoranthene
Concen: 2.56 ng/ul
RT: 23.03 min Scan# 3391
Delta R.T. 0.01 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:252 Resp: 131406

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	17.2	9.4	14.0#

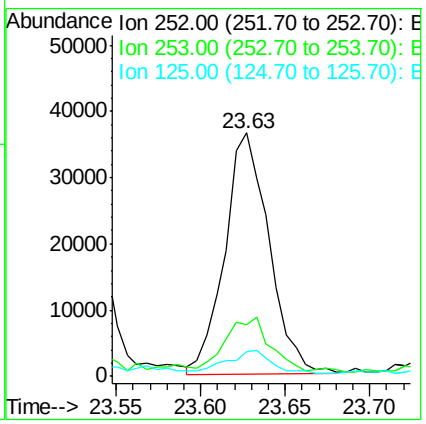




#27
Benzo(a)pyrene
Concen: 1.36 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:252 Resp: 66337

Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	10.2	9.4	14.2



Instrument :
BNA_M
ClientSampleId :
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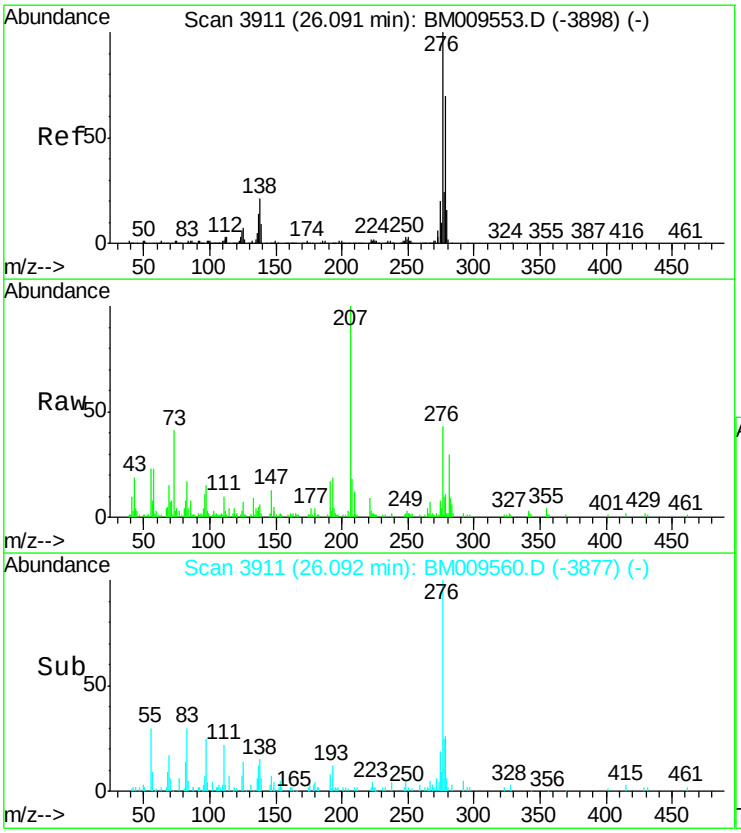
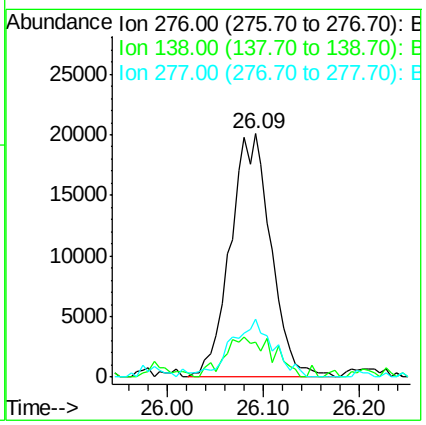
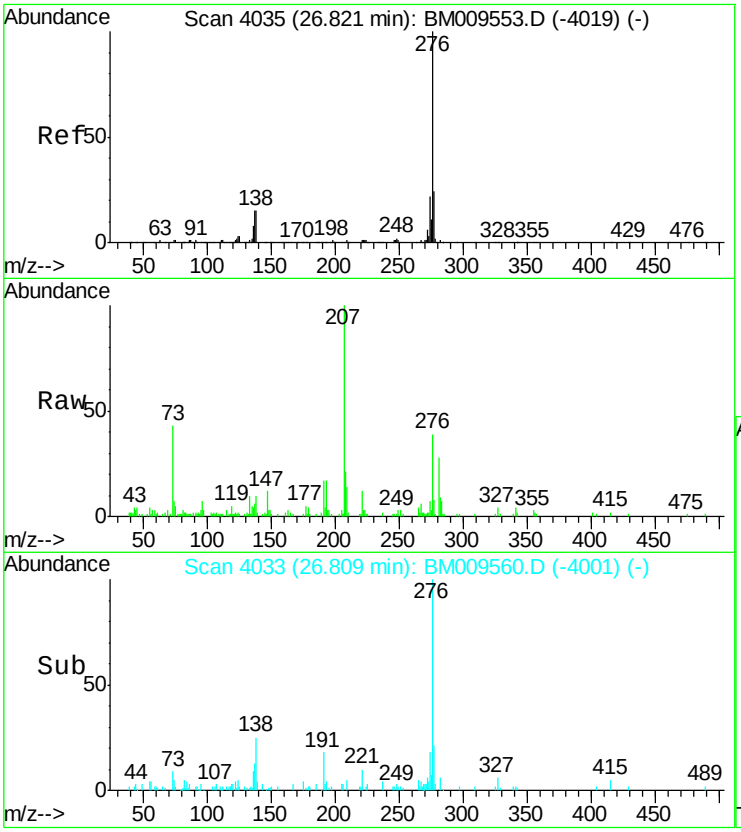


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.08 ng/ul m
RT: 26.09 min Scan# 3911
Delta R.T. 0.00 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:276 Resp: 58901

Ion	Ratio	Lower	Upper
276	100		
138	14.4	17.8	26.6#
277	24.0	19.4	29.0

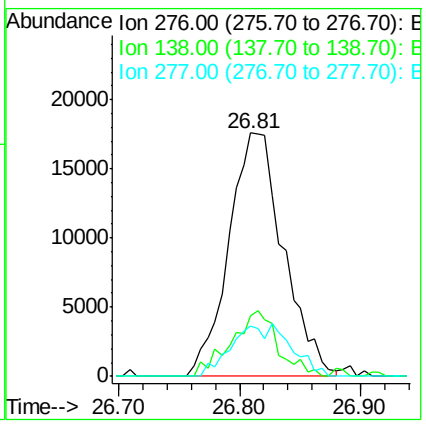




#30
Benzo(g,h,i)perylene
Concen: 1.23 ng/ul
RT: 26.81 min Scan# 4033
Delta R.T. -0.01 min
Lab File: BM009560.D
Acq: 05 Apr 2017 16:34

Tgt Ion:276 Resp: 55313

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.0	28.4
277	20.8	19.7	29.5



Instrument :
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ClientSampleId :
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