Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009561.D
Acq On : 05 Apr 2017 17:10
Operator : SJ/MA
Sample : I2285-13
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB337

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:12 AM

Quant Time: Apr 05 18:50:23 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	7.85	152	117250	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	440396	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	251065	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	594501	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	825908	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	803795	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	59495	8.79	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	653069	26.54	ng/ul	0.00
10) Fluorene-d10	15.48	176	524274	29.62	ng/ul	0.00
15) Anthracene-d10	17.33	188	841023	29.57	ng/ul	0.00
19) Pyrene-d10	19.63	212	1002427	29.53	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	1025899	28.91	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.28	178	85908	2.57	ng/ul	96
17) Fluoranthene	19.29	202	231422	5.56	ng/ul#	96
20) Pyrene	19.66	202	223165	4.96	ng/ul	95
21) Benzo(a)anthracene	21.39	228	128988	2.76	ng/ul	94
22) Chrysene	21.44	228	135165	3.16	ng/ul	98
24) Benzo(b)fluoranthene	23.03	252	192749	3.88	ng/ul	94
25) Benzo(k)fluoranthene	23.07	252	58219m	1.23	ng/ul	
27) Benzo(a)pyrene	23.63	252	114345m	2.42	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.09	276	84905	1.60	ng/ul	94
30) Benzo(g,h,i)perylene	26.81	276	79669m	1.82	ng/ul	

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

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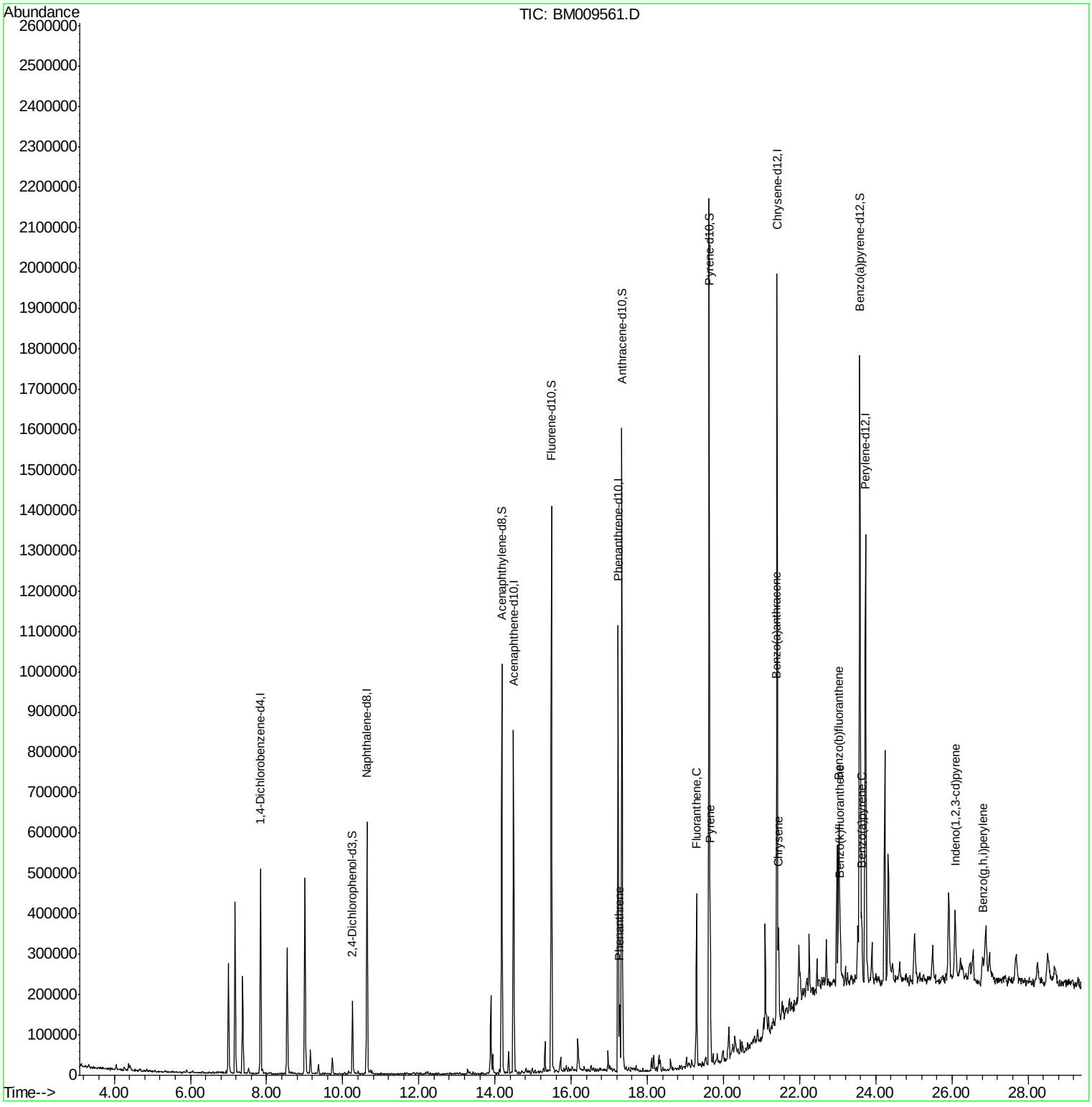
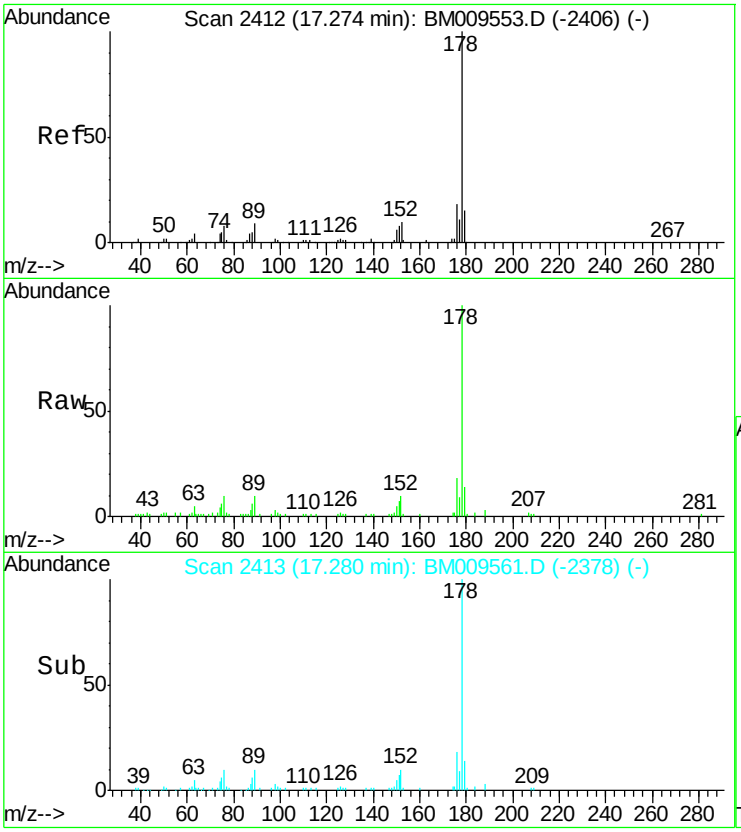
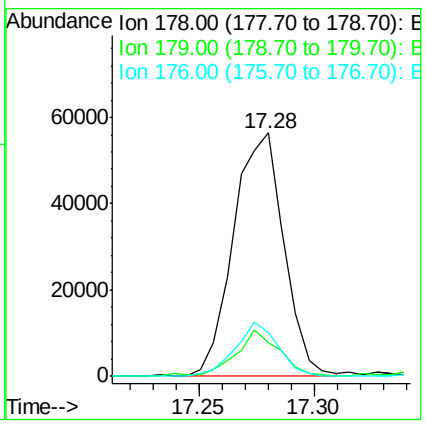




#14
Phenanthrene
Concen: 2.57 ng/ul
RT: 17.28 min Scan# 2413
Delta R.T. 0.01 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:178 Resp: 85908

Ion	Ratio	Lower	Upper
178	100		
179	13.9	12.2	18.4
176	18.0	16.4	24.6



Instrument :
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ClientSampleId :
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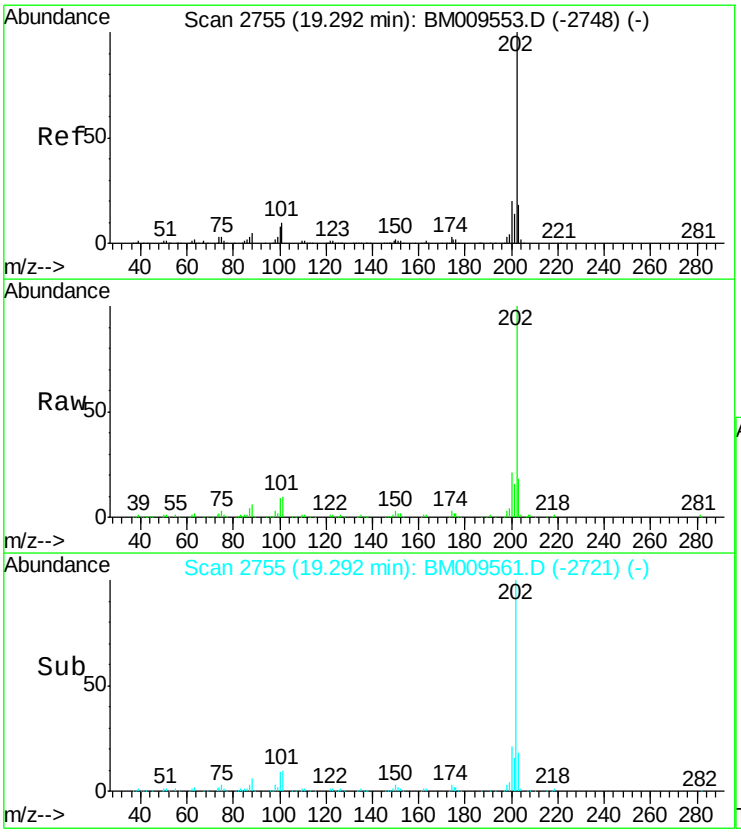
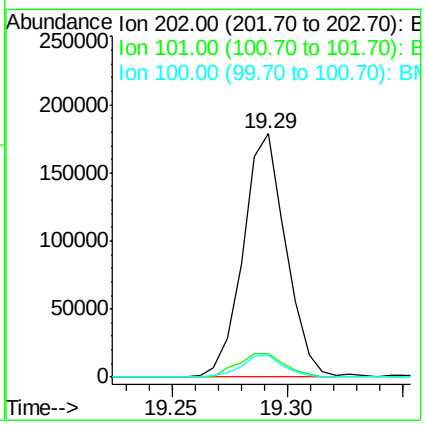
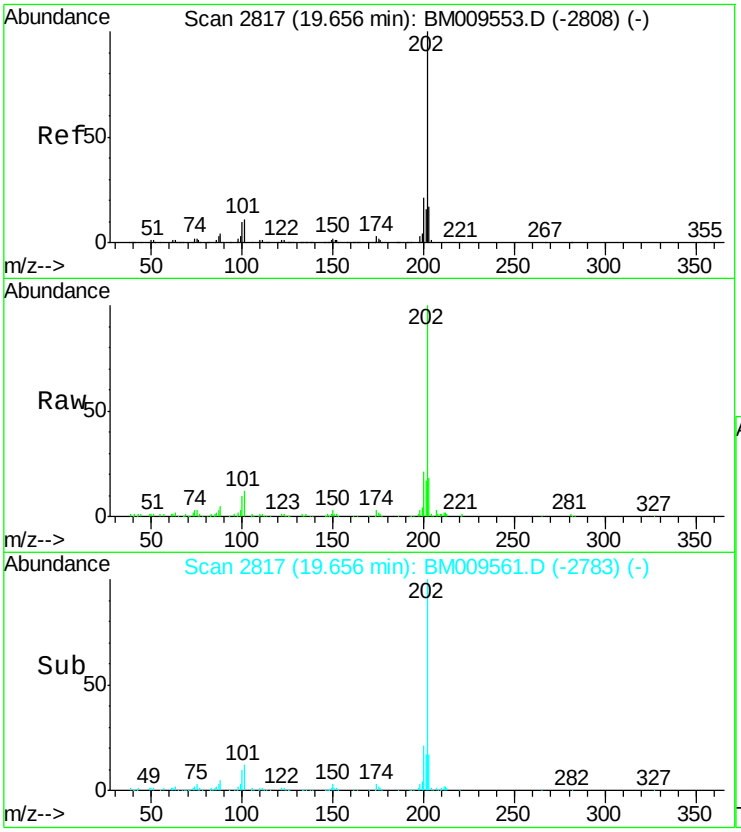


#17
Fluoranthene
Concen: 5.56 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:202 Resp: 231422

Ion	Ratio	Lower	Upper
202	100		
101	9.7	9.8	14.8#
100	9.0	7.5	11.3

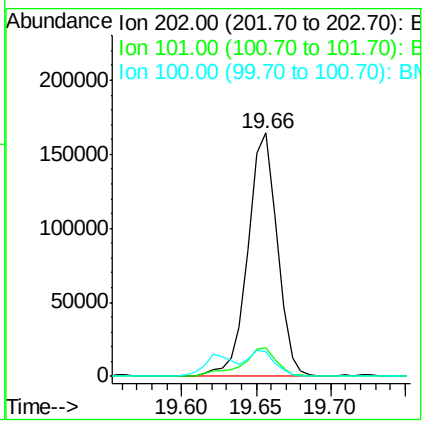




#20
Pyrene
Concen: 4.96 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. -0.00 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:202 Resp: 223165

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.2	16.8
100	10.3	9.8	14.6



Instrument :
BNA_M
ClientSampleId :
CB337

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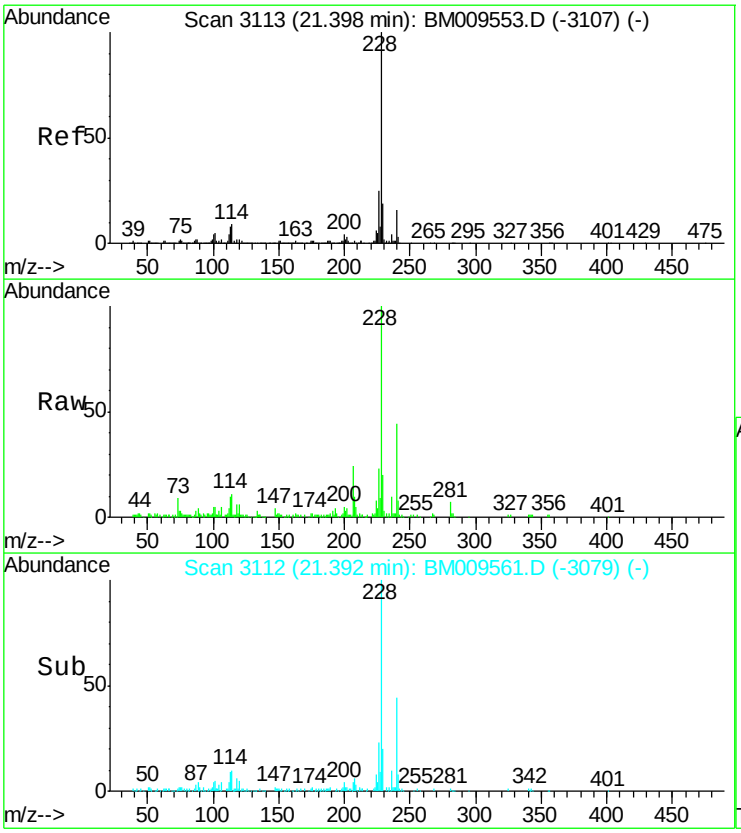
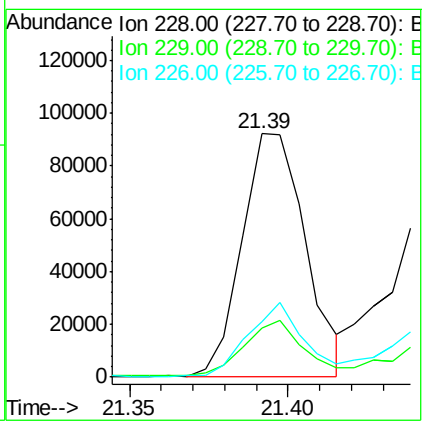
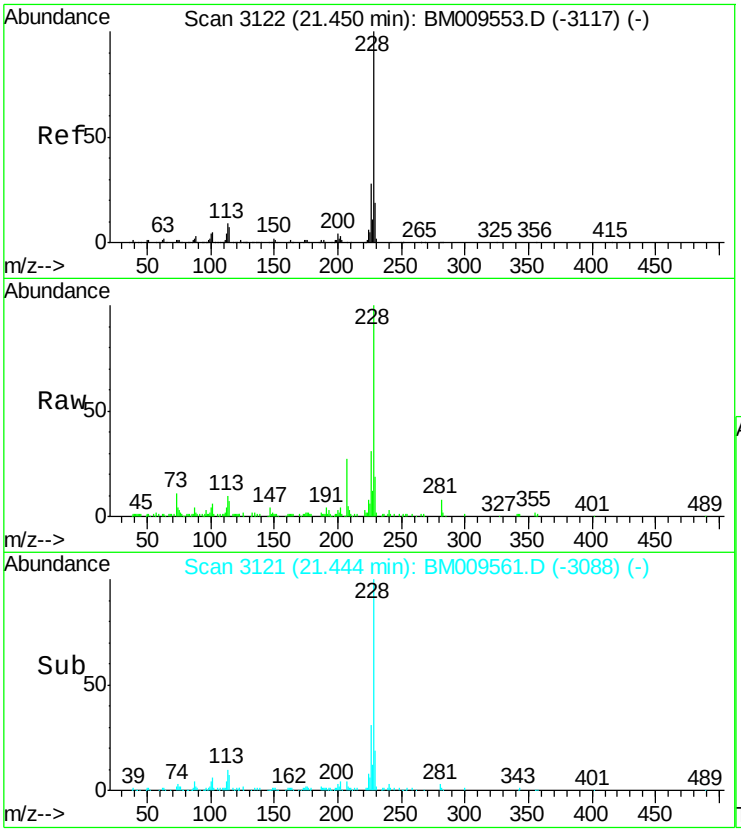


#21
Benzo(a)anthracene
Concen: 2.76 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:228 Resp: 128988

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	22.8	22.1	33.1

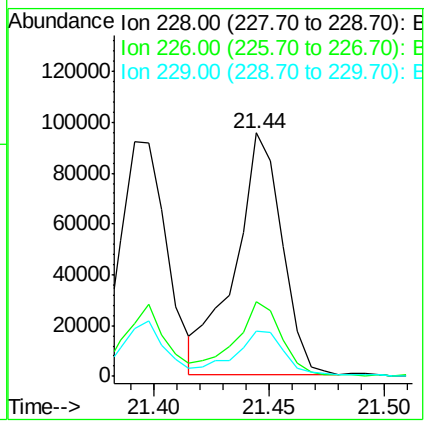




#22
Chrysene
Concen: 3.16 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:228 Resp: 135165

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	18.5	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB337

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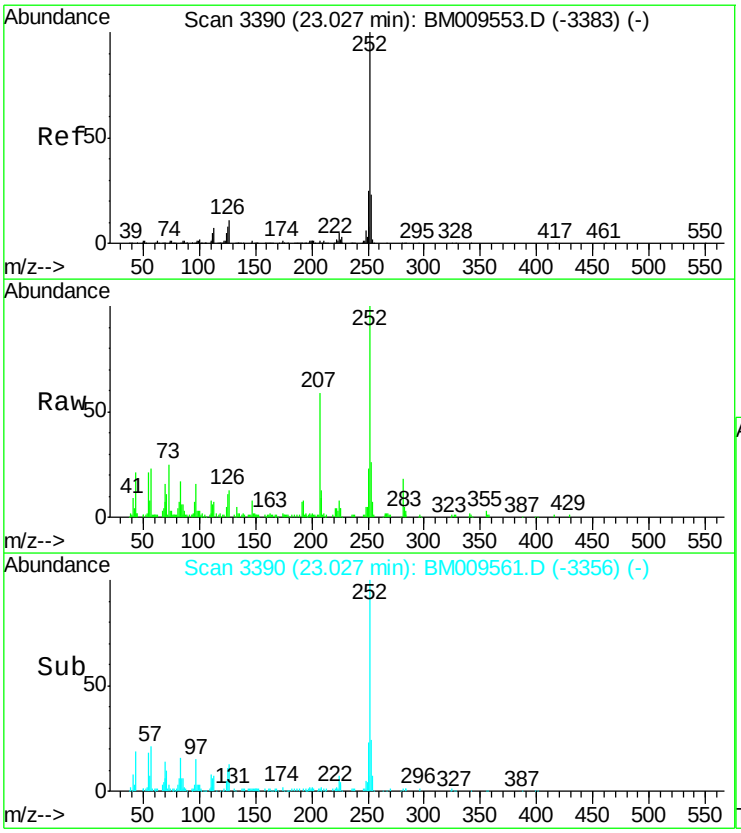
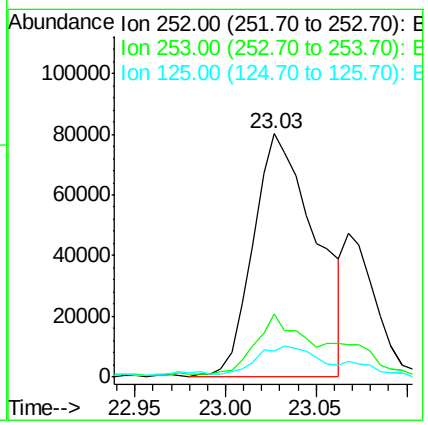
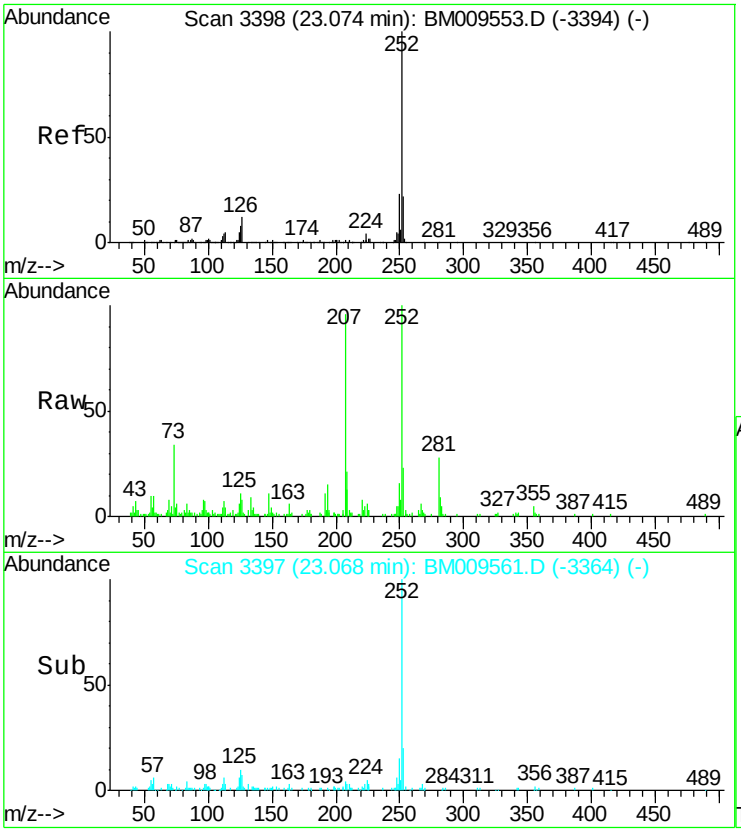


#24
Benzo(b)fluoranthene
Concen: 3.88 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:252 Resp: 192749

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.6
125	10.7	9.4	14.0

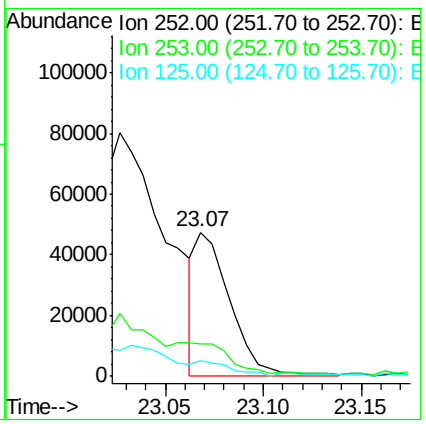




#25
Benzo(k)fluoranthene
Concen: 1.23 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:252 Resp: 58219

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	11.3	8.8	13.2



Instrument :
BNA_M
ClientSampleId :
CB337

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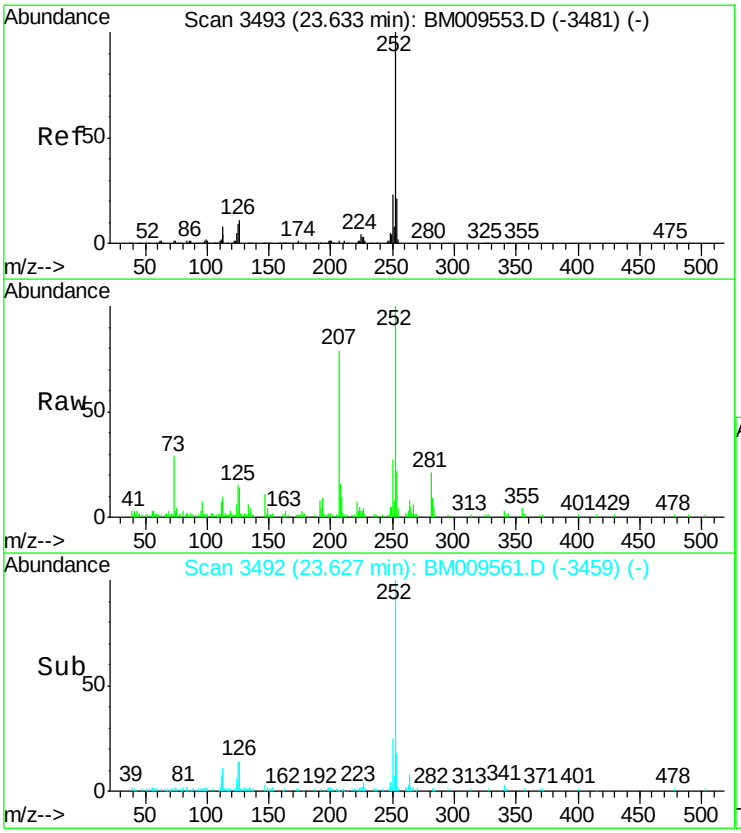
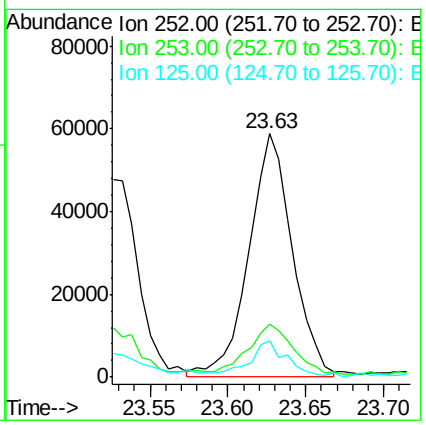
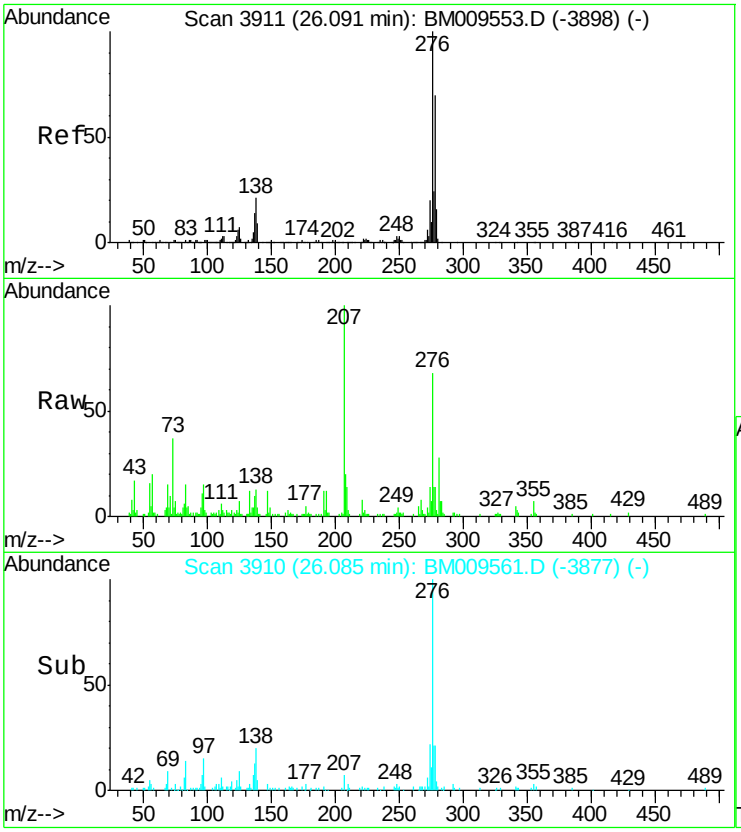


#27
Benzo(a)pyrene
Concen: 2.42 ng/ul m
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:252 Resp: 114345

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	14.7	9.4	14.2#

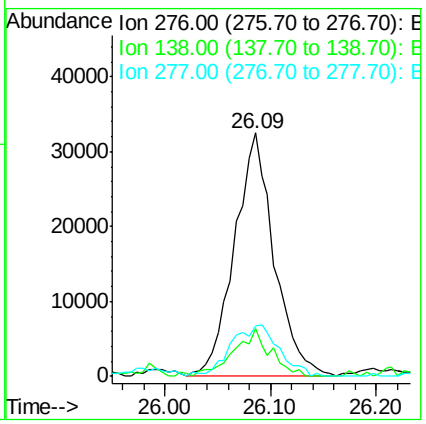




#28
Indeno(1,2,3-cd)pyrene
Concen: 1.60 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:276 Resp: 84905

Ion	Ratio	Lower	Upper
276	100		
138	19.7	17.8	26.6
277	20.6	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
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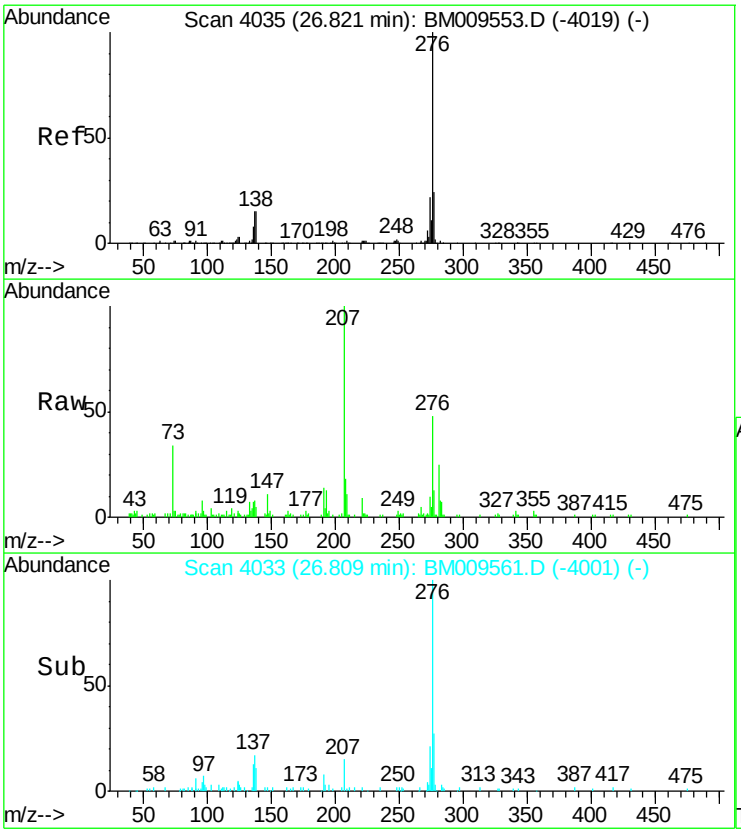

#30
Benzo(g,h,i)perylene
Concen: 1.82 ng/ul m
RT: 26.81 min Scan# 4033
Delta R.T. -0.01 min
Lab File: BM009561.D
Acq: 05 Apr 2017 17:10

Tgt Ion:276 Resp: 79669

Ion	Ratio	Lower	Upper
276	100		
138	11.4	19.0	28.4#
277	27.0	19.7	29.5