Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009579.D
Acq On : 06 Apr 2017 03:57
Operator : SJ/MA
Sample : I2524-16
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB360

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mohammad
4/6/2017 11:39:42 AM

Quant Time: Apr 06 04:54:28 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM040417-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 06 03:48:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	176658	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	691613	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	386942	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	898027	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	1200696	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	1157390	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.25	165	195033	18.34	ng/uL	0.00
7) Acenaphthylene-d8	14.17	160	742247	19.57	ng/ul	0.00
10) Fluorene-d10	15.48	176	554002	20.31	ng/ul	0.00
15) Anthracene-d10	17.33	188	884131m	20.58	ng/ul	0.00
19) Pyrene-d10	19.63	212	1037731	21.03	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.59	264	1125025	22.02	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.27	178	100287	1.99	ng/ul	99
17) Fluoranthene	19.29	202	246463	3.92	ng/ul	99
20) Pyrene	19.66	202	226541	3.47	ng/ul#	94
21) Benzo(a)anthracene	21.40	228	143944	2.12	ng/ul	98
22) Chrysene	21.44	228	153063	2.46	ng/ul	97
24) Benzo(b)fluoranthene	23.03	252	236547	3.30	ng/ul#	89
27) Benzo(a)pyrene	23.63	252	142884	2.10	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	26.09	276	107797	1.41	ng/ul#	93
30) Benzo(g,h,i)perylene	26.82	276	95472m	1.52	ng/ul	

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

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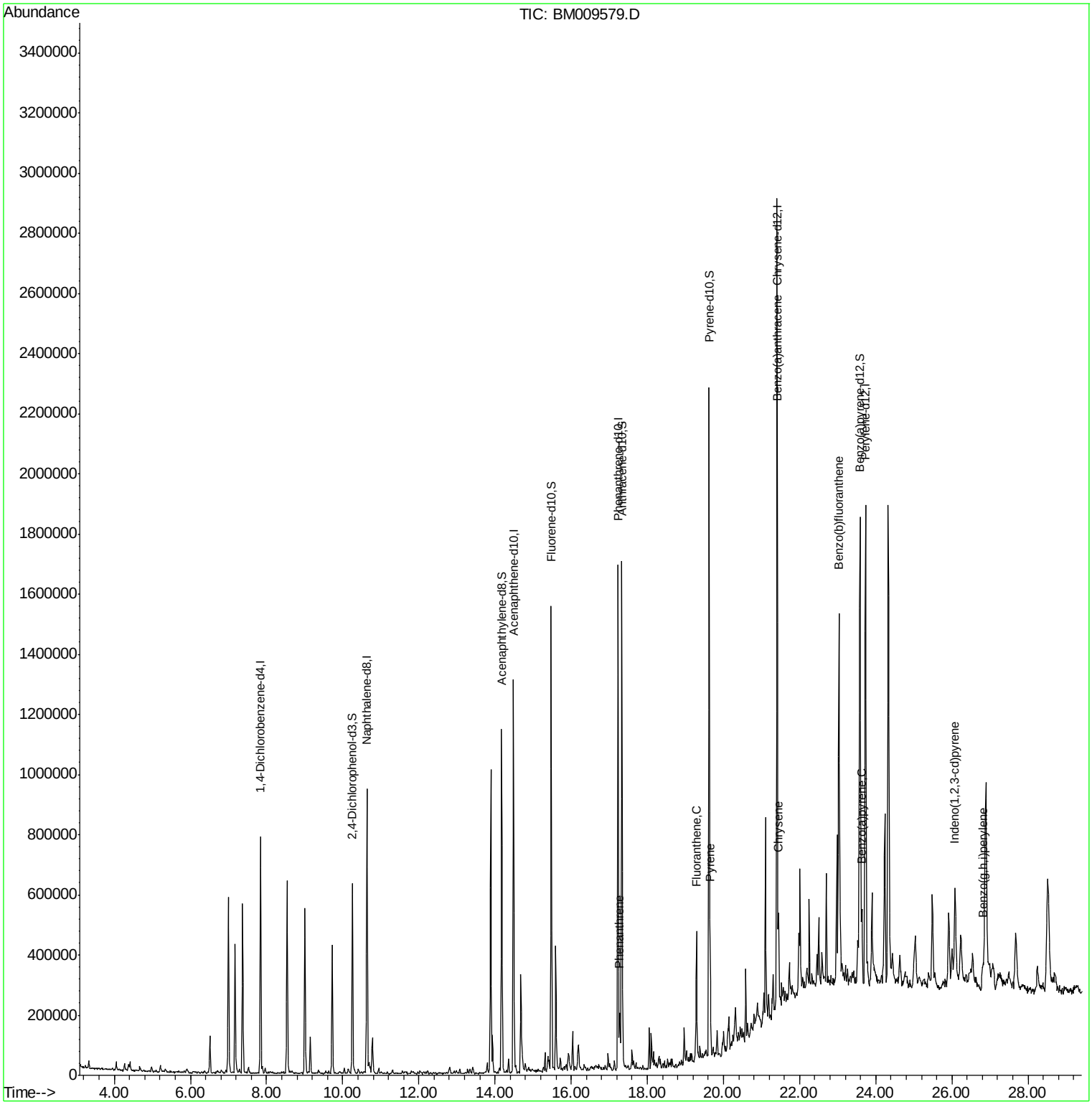
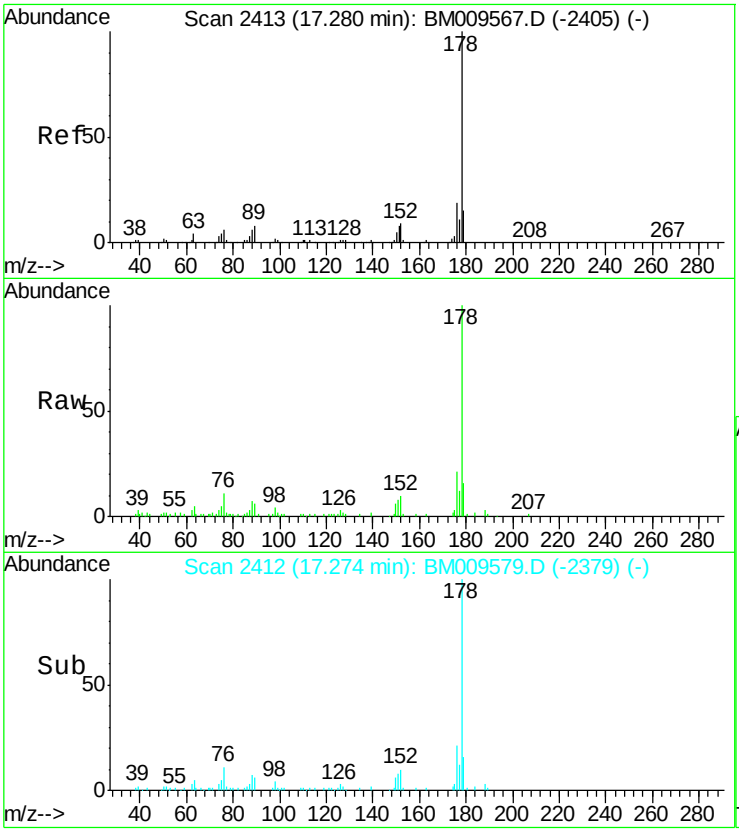
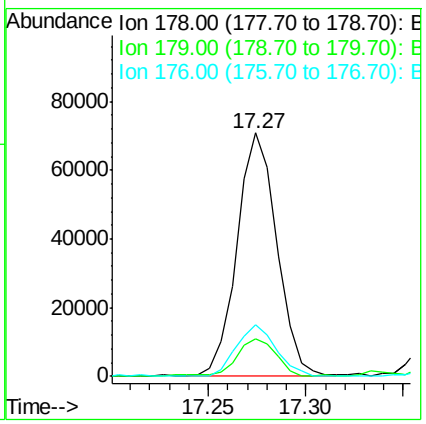




#14
Phenanthrene
Concen: 1.99 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:178 Resp: 100287

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	21.1	16.4	24.6



Instrument :
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ClientSampleId :
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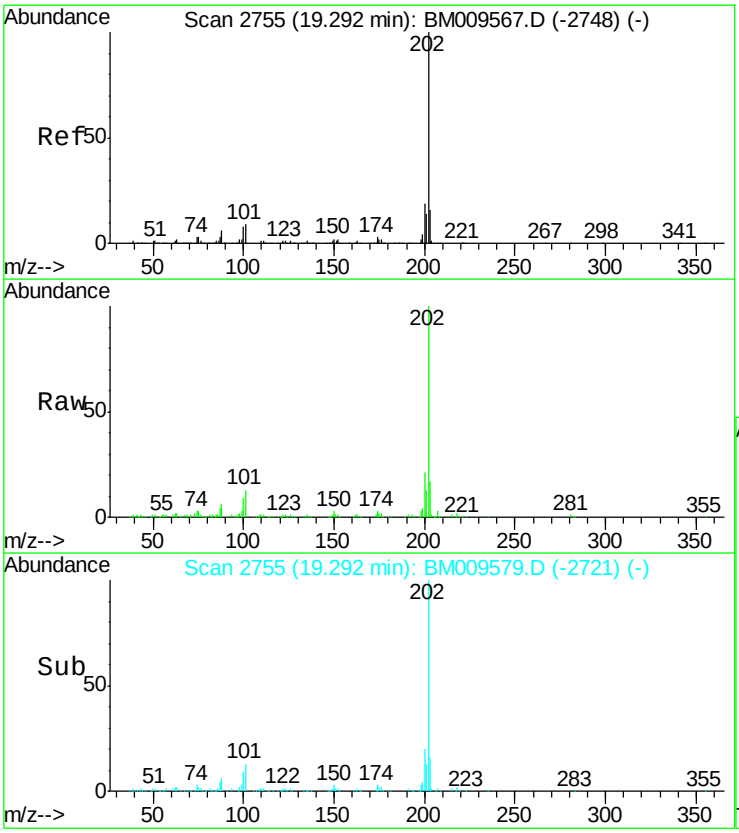
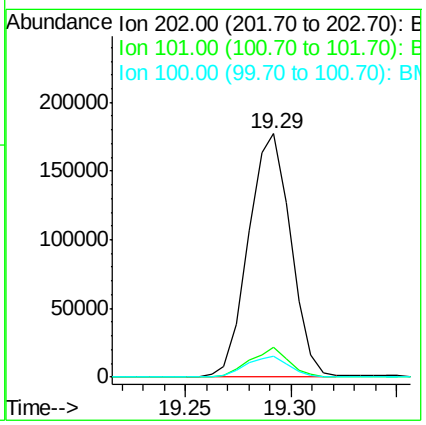
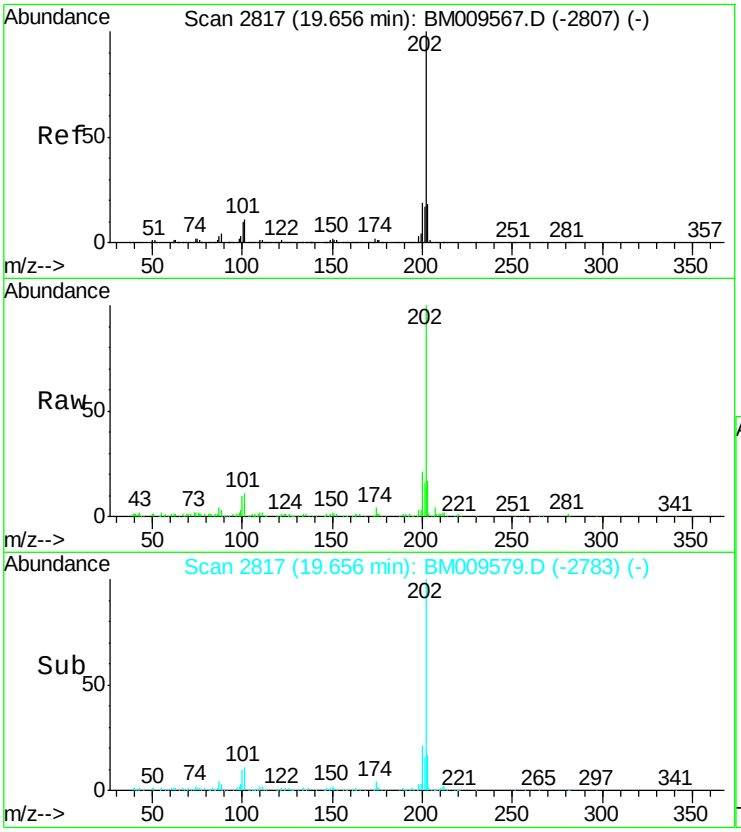


#17
Fluoranthene
Concen: 3.92 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:202 Resp: 246463

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	8.7	7.5	11.3





#20
Pyrene
Concen: 3.47 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:202 Resp: 226541

Ion	Ratio	Lower	Upper
202	100		
101	11.4	11.2	16.8
100	9.7	9.8	14.6#

Instrument :
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ClientSampleId :
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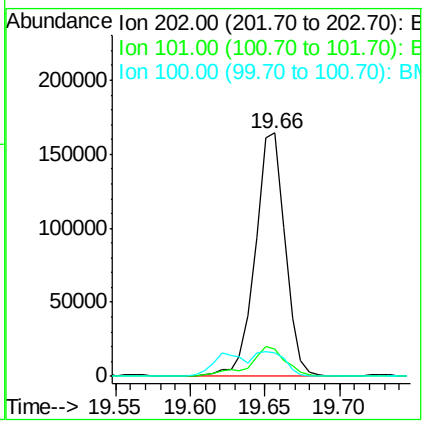
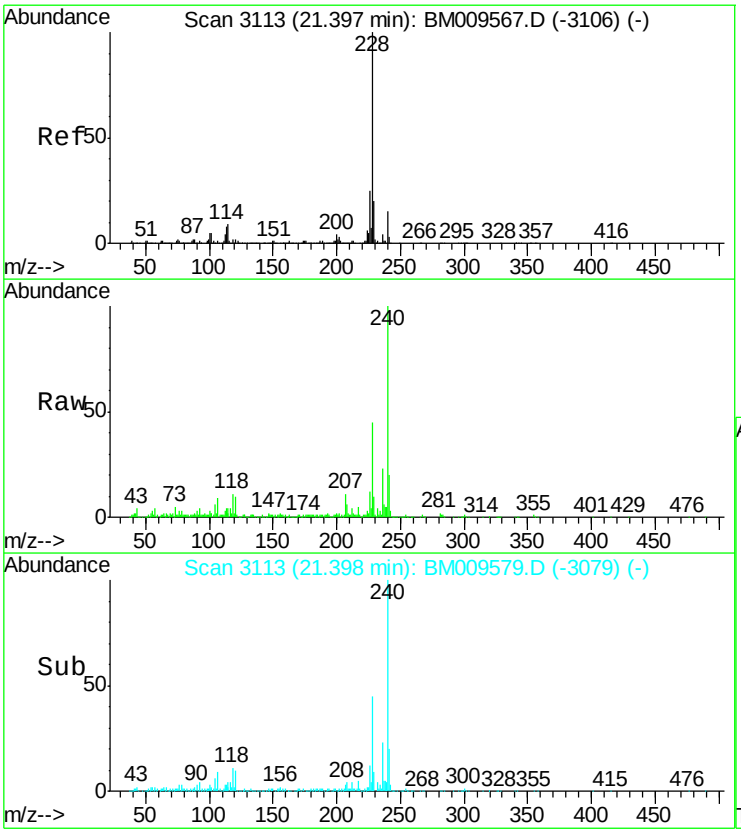
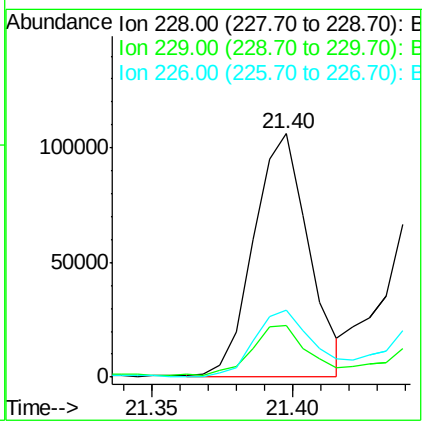


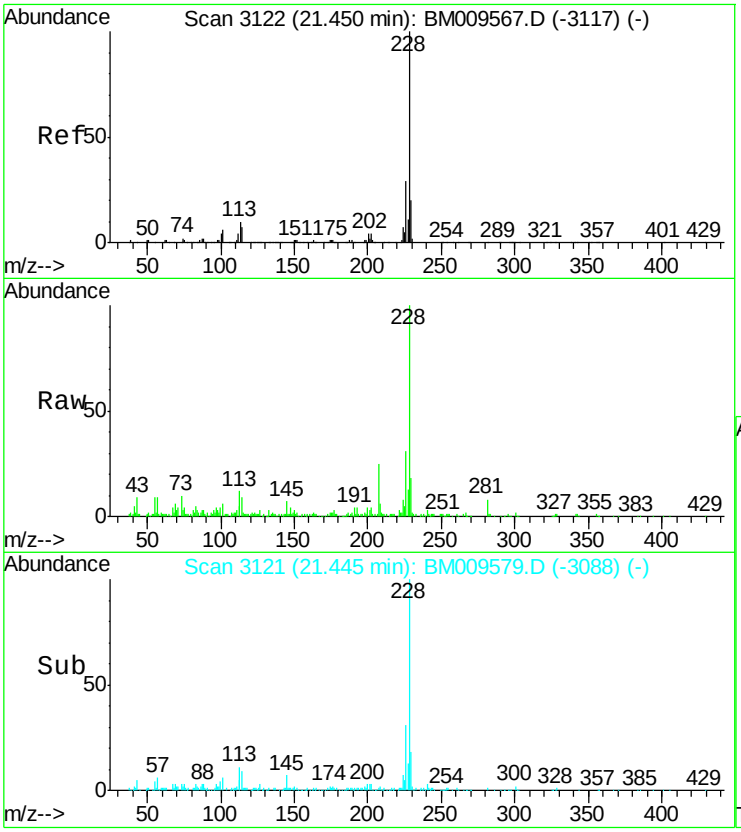


#21
Benzo(a)anthracene
Concen: 2.12 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:228 Resp: 143944

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.9	23.9
226	27.4	22.1	33.1





#22
Chrysene
Concen: 2.46 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:228 Resp: 153063

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	18.0	16.6	25.0

Instrument :
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ClientSampleId :
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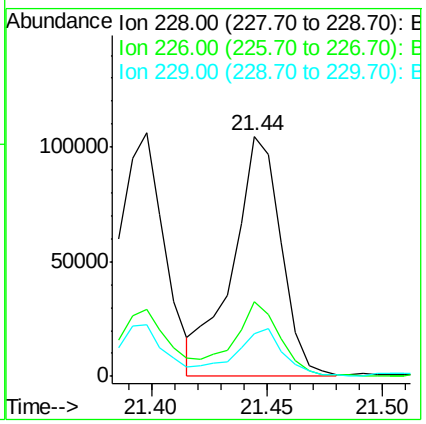
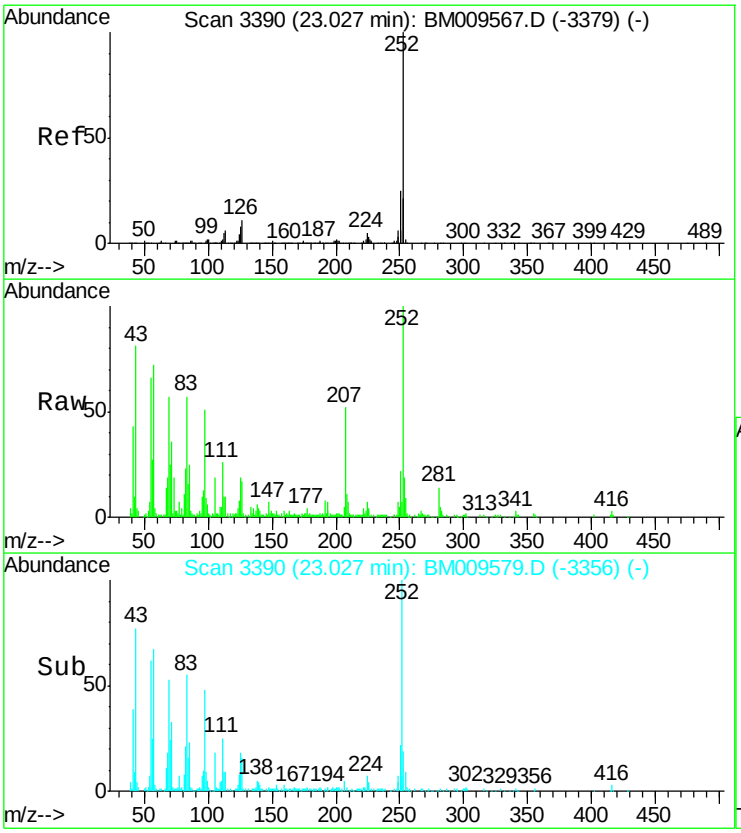
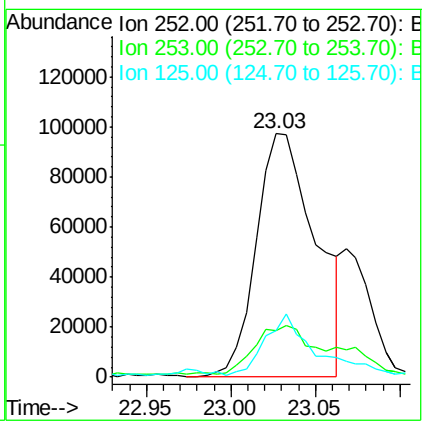


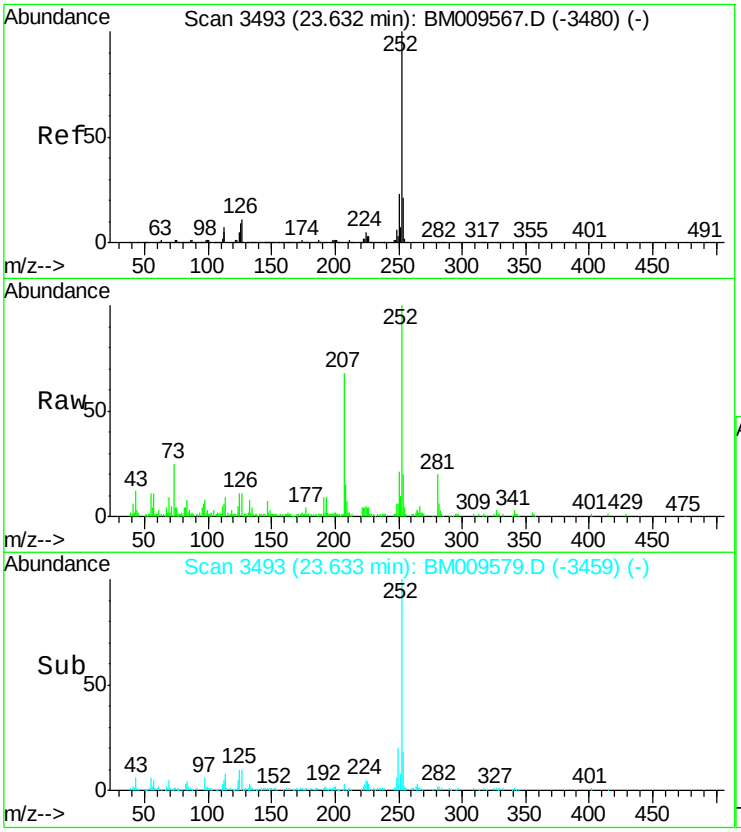


#24
Benzo(b)fluoranthene
Concen: 3.30 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:252 Resp: 236547

Ion	Ratio	Lower	Upper
252	100		
253	19.4	17.8	26.6
125	19.1	9.4	14.0#

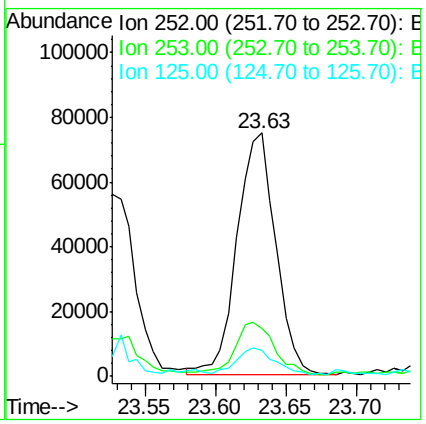




#27
Benzo(a)pyrene
Concen: 2.10 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:252 Resp: 142884

Ion	Ratio	Lower	Upper
252	100		
253	19.8	17.1	25.7
125	10.9	9.4	14.2



Instrument :
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ClientSampleId :
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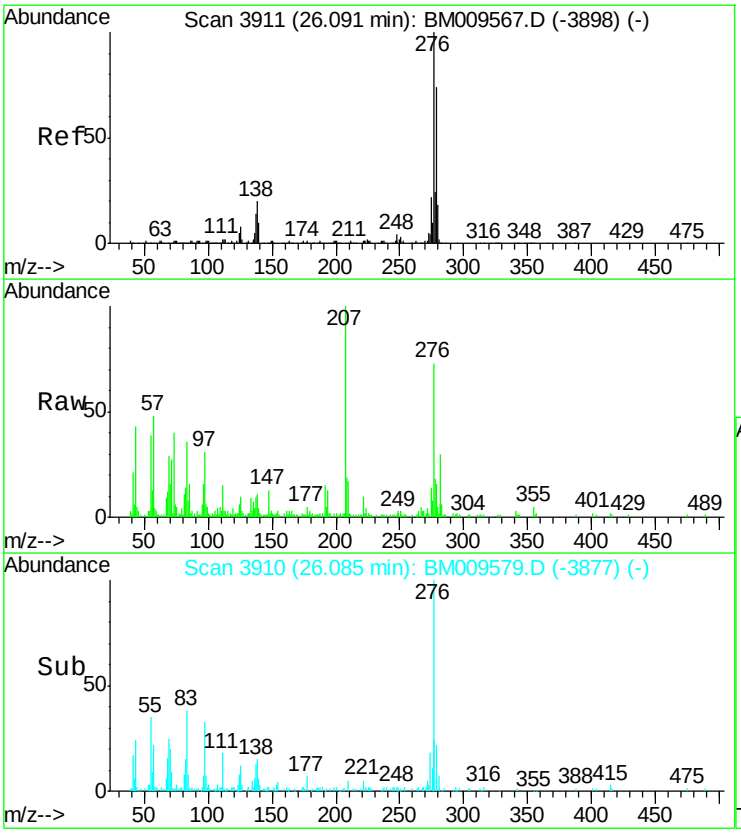
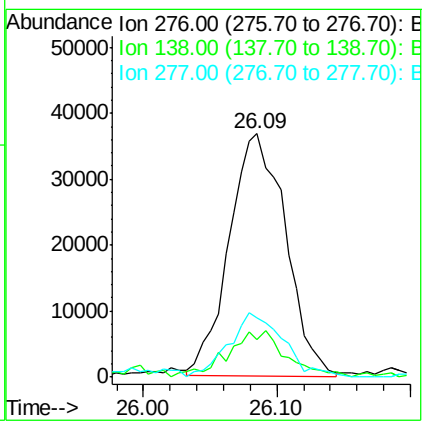
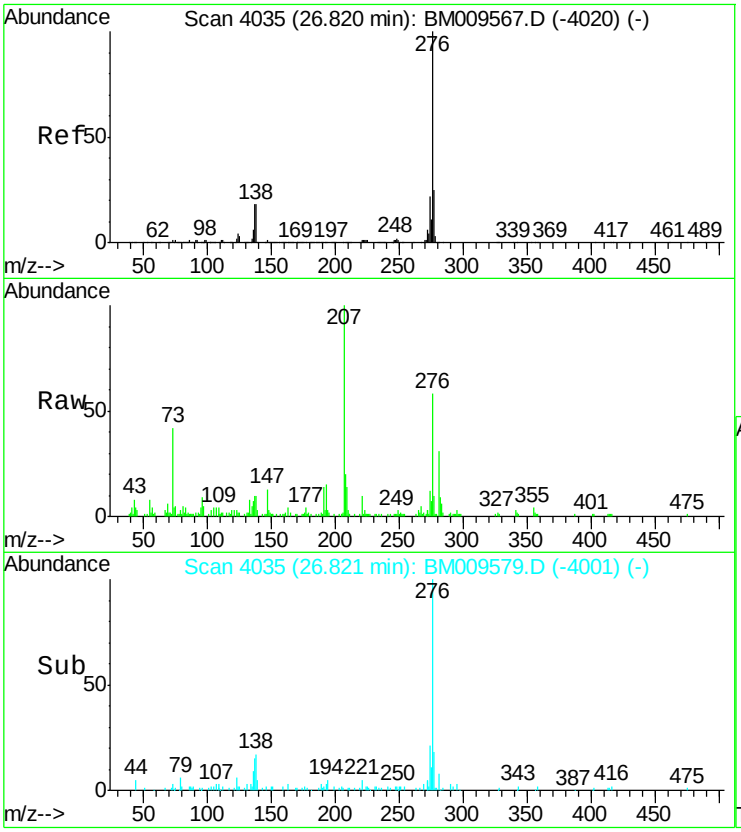


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.41 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:276 Resp: 107797

Ion	Ratio	Lower	Upper
276	100		
138	15.3	17.8	26.6#
277	24.6	19.4	29.0

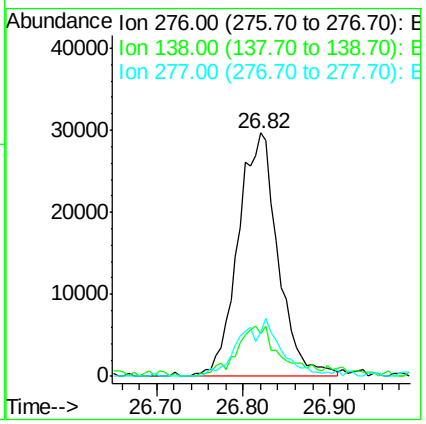




#30
Benzo(g,h,i)perylene
Concen: 1.52 ng/ul m
RT: 26.82 min Scan# 4035
Delta R.T. 0.00 min
Lab File: BM009579.D
Acq: 06 Apr 2017 03:57

Tgt Ion:276 Resp: 95472

Ion	Ratio	Lower	Upper
276	100		
138	17.5	19.0	28.4#
277	17.9	19.7	29.5#



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