Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040617\
Data File : BM009562.D
Acq On : 05 Apr 2017 17:46
Operator : SJ/MA
Sample : I2285-14
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB338

Manual Integrations APPROVED
mohammad
4/6/2017 11:38:15 AM

Quant Time: Apr 05 18:52:00 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	112297	20.00	ng/ul	0.00
2) Naphthalene-d8	10.64	136	418695	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	233528	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.23	188	578070	20.00	ng/ul	0.00
18) Chrysene-d12	21.41	240	808278	20.00	ng/ul	0.00
23) Perylene-d12	23.73	264	791610	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.26	165	8554	1.33	ng/uL	0.00
7) Acenaphthylene-d8	14.18	160	497695	21.75	ng/ul	0.00
10) Fluorene-d10	15.48	176	404494	24.57	ng/ul	0.00
15) Anthracene-d10	17.33	188	635399	22.97	ng/ul	0.00
19) Pyrene-d10	19.63	212	799338	24.06	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.58	264	784484	22.45	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.27	178	153839	4.73	ng/ul	99
17) Fluoranthene	19.29	202	330879	8.17	ng/ul#	94
20) Pyrene	19.66	202	297671	6.76	ng/ul	95
21) Benzo(a)anthracene	21.40	228	181853	3.98	ng/ul	97
22) Chrysene	21.45	228	190147	4.54	ng/ul	95
24) Benzo(b)fluoranthene	23.03	252	264992	5.41	ng/ul	98
25) Benzo(k)fluoranthene	23.07	252	79935m	1.71	ng/ul	
27) Benzo(a)pyrene	23.63	252	155613	3.34	ng/ul	99
28) Indeno(1,2,3-cd)pyrene	26.09	276	114825	2.20	ng/ul#	92
30) Benzo(g,h,i)perylene	26.82	276	109576	2.55	ng/ul	95

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

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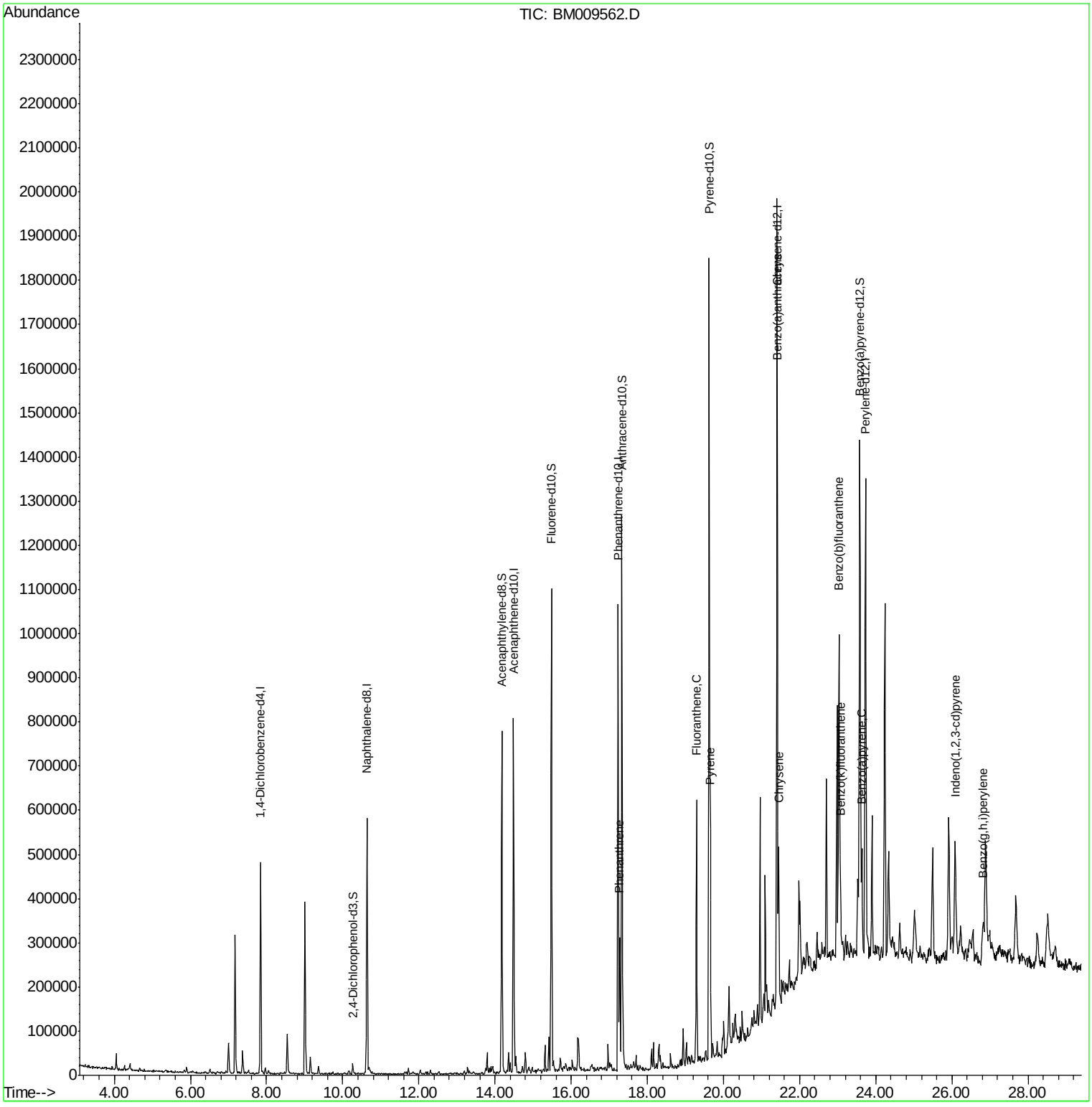
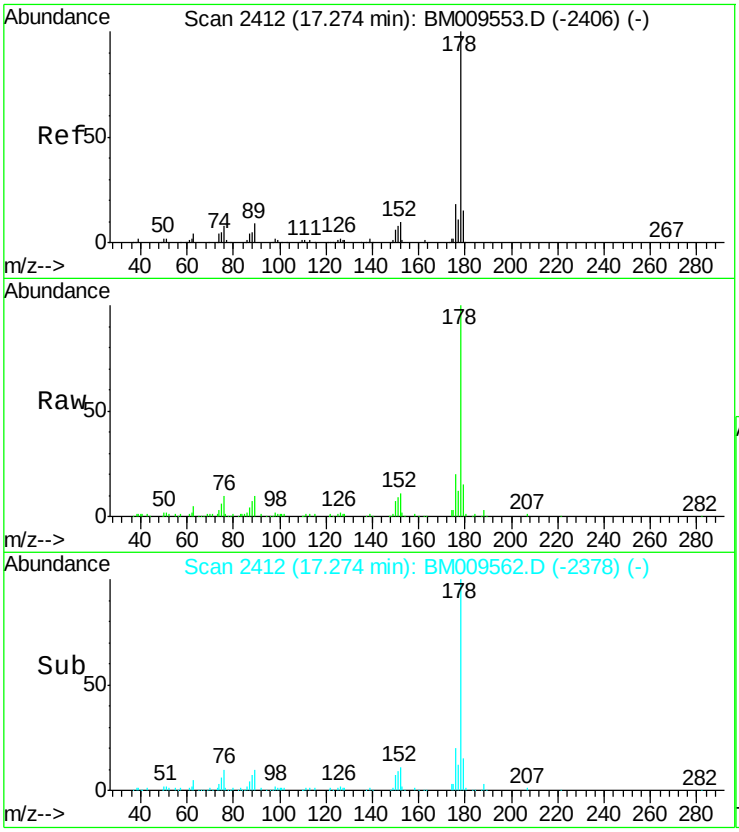
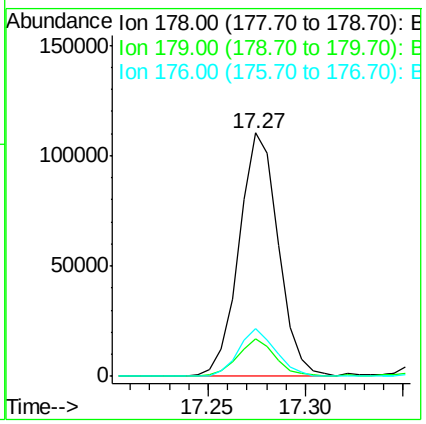




#14
Phenanthrene
Concen: 4.73 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:178 Resp: 153839

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.5	16.4	24.6



Instrument :
BNA_M
ClientSampleId :
CB338

Manual Integrations APPROVED
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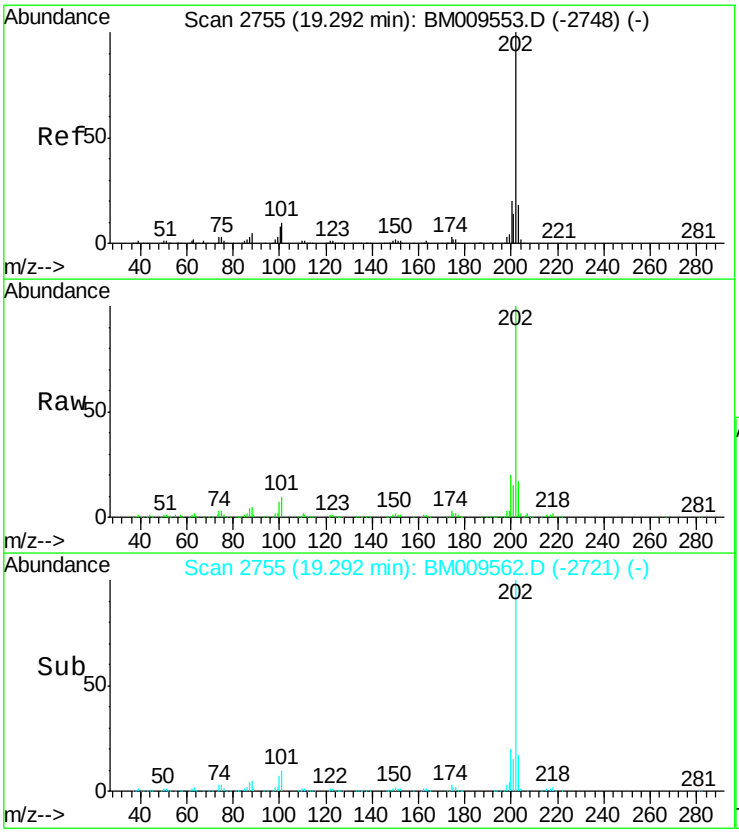
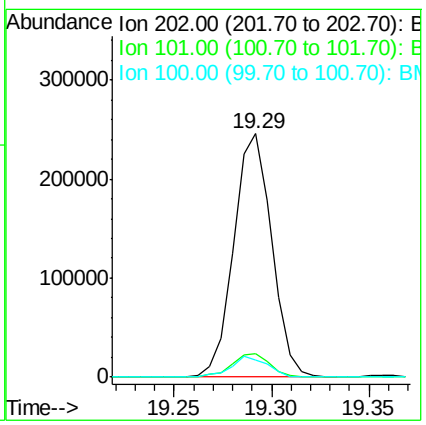
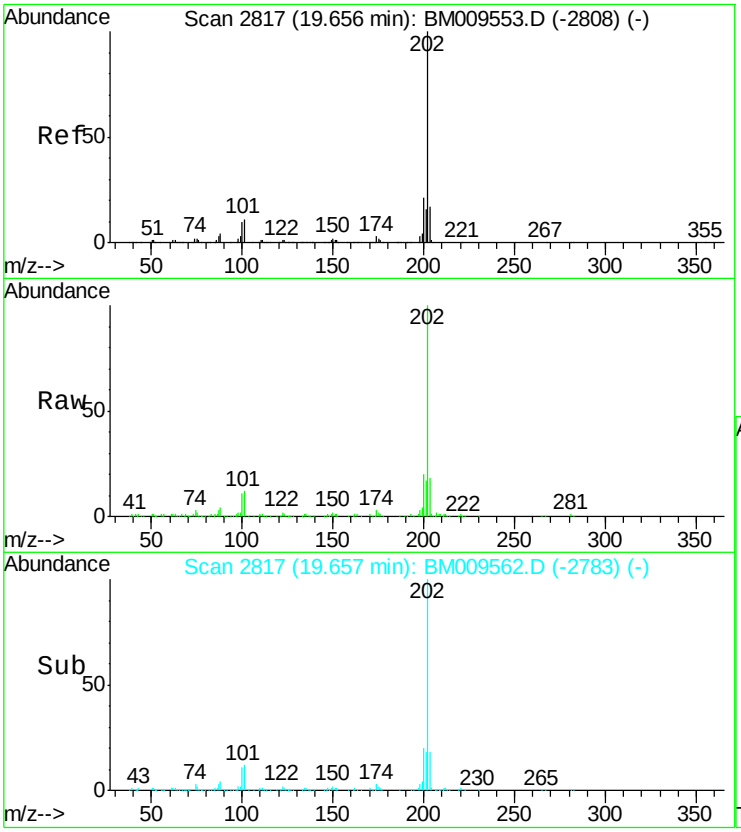


#17
Fluoranthene
Concen: 8.17 ng/ul
RT: 19.29 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:202 Resp: 330879

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.8	14.8#
100	7.2	7.5	11.3#

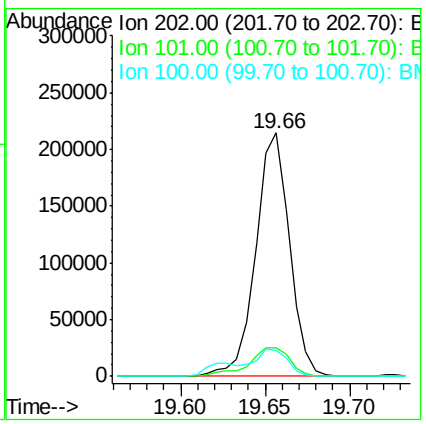




#20
Pyrene
Concen: 6.76 ng/ul
RT: 19.66 min Scan# 2817
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:202 Resp: 297671

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.2	16.8
100	10.6	9.8	14.6



Instrument :
BNA_M
ClientSampleId :
CB338

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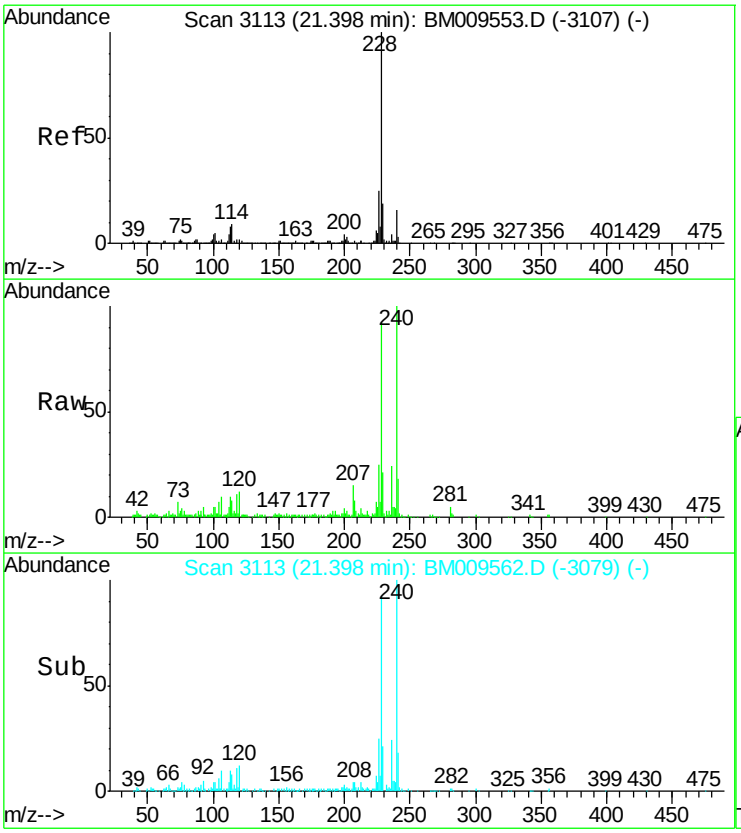
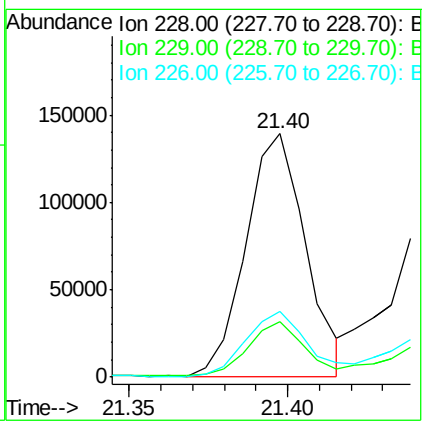
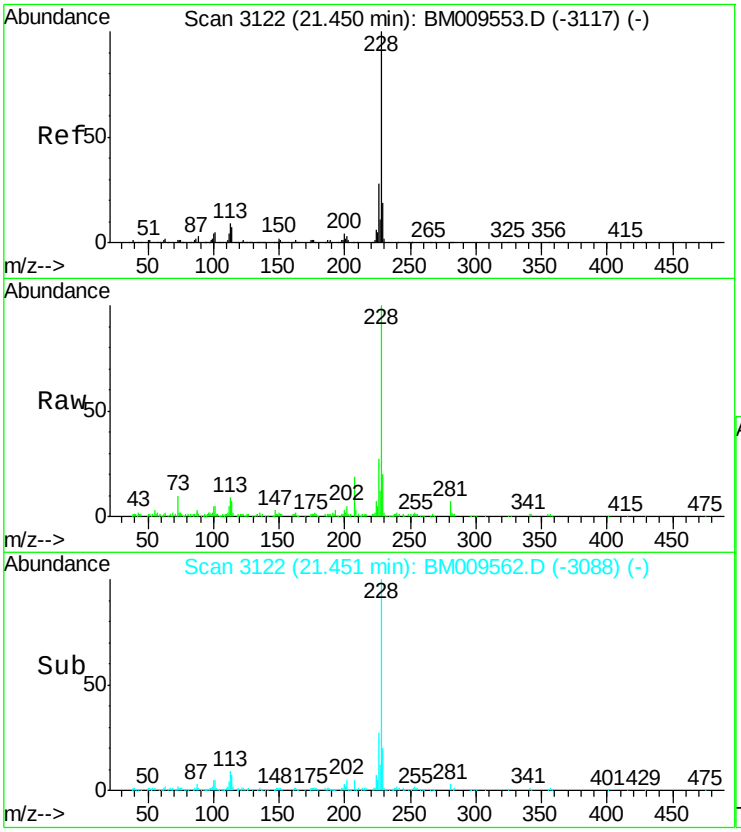


#21
Benzo(a)anthracene
Concen: 3.98 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:228 Resp: 181853

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.9	23.9
226	26.8	22.1	33.1

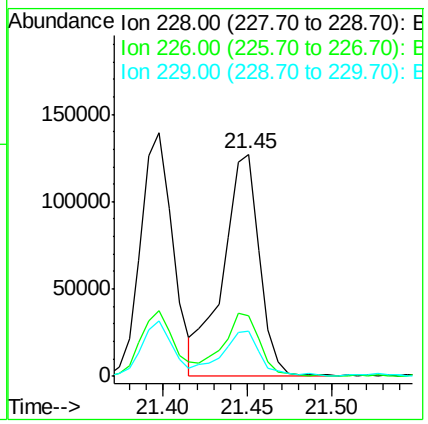




#22
Chrysene
Concen: 4.54 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:228 Resp: 190147

Ion	Ratio	Lower	Upper
228	100		
226	27.0	25.0	37.6
229	20.3	16.6	25.0



Instrument :
BNA_M
ClientSampleId :
CB338

Manual Integrations APPROVED
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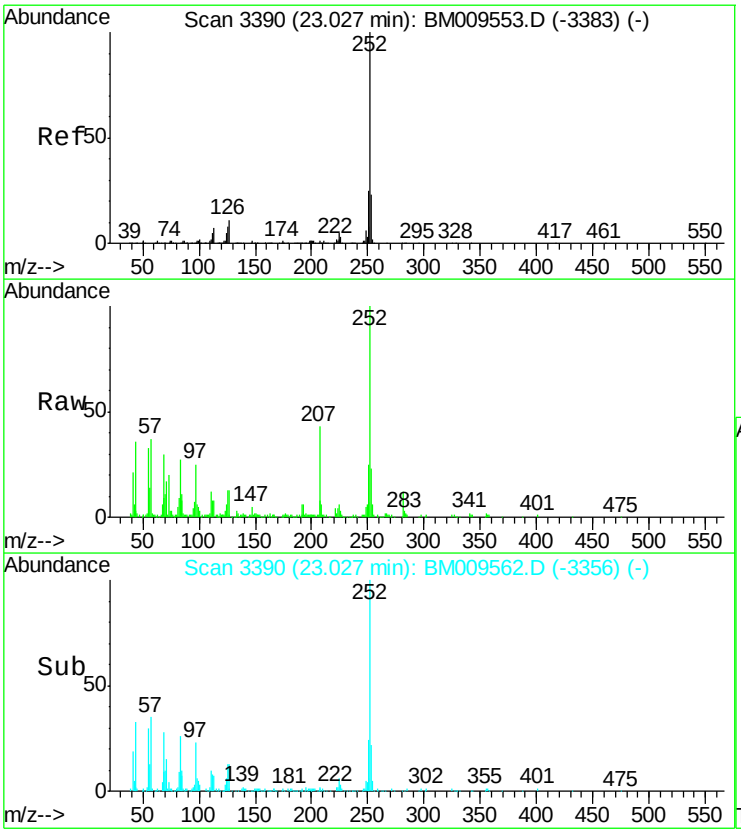
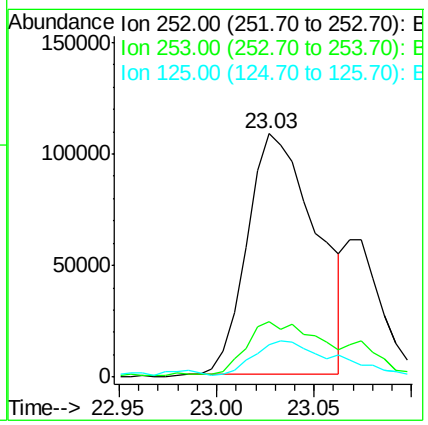
4/6/2017 11:38:15 AM

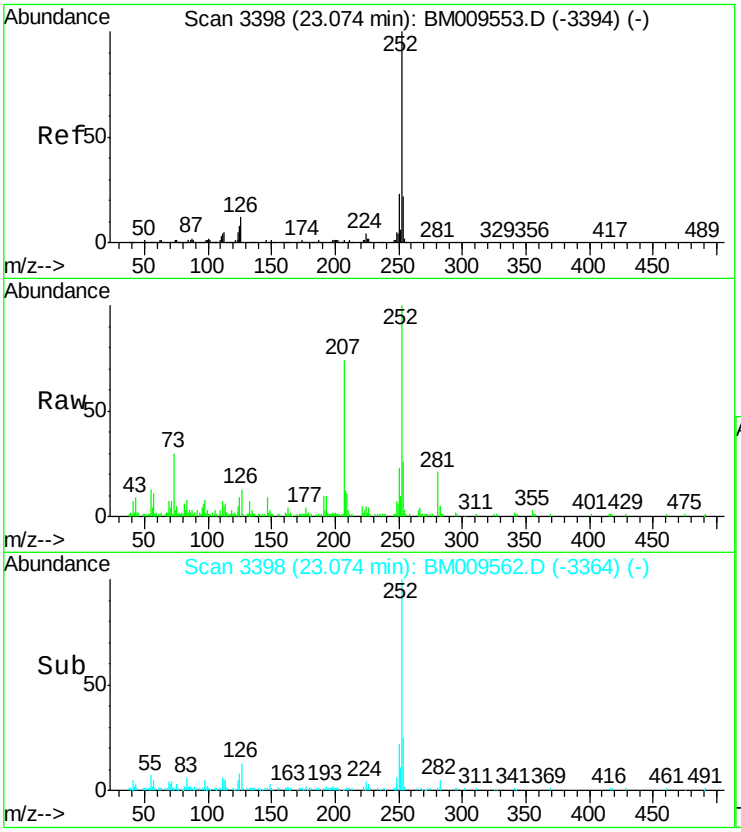


#24
Benzo(b)fluoranthene
Concen: 5.41 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:252 Resp: 264992

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	13.4	9.4	14.0

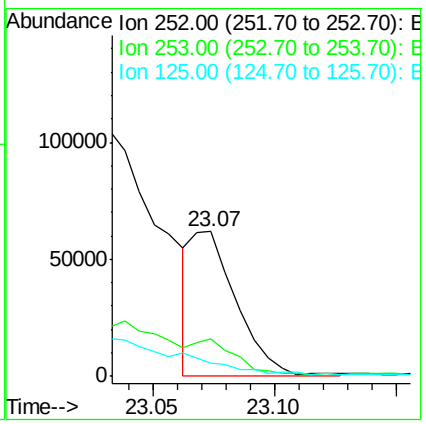




#25
Benzo(k)fluoranthene
Concen: 1.71 ng/ul m
RT: 23.07 min Scan# 3398
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:252 Resp: 79935

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.2#
125	9.1	8.8	13.2



Instrument :
BNA_M
ClientSampleId :
CB338

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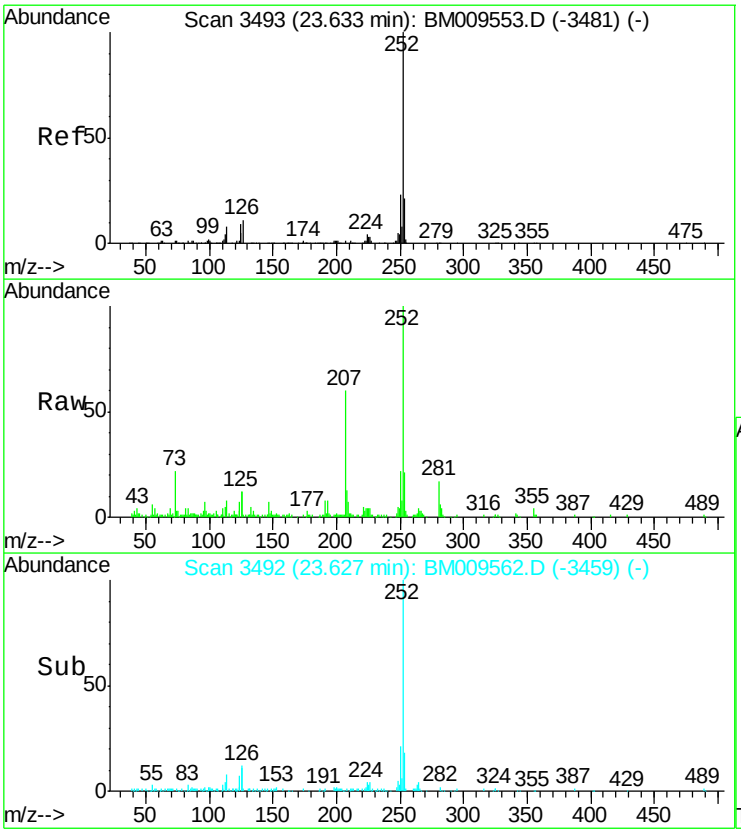
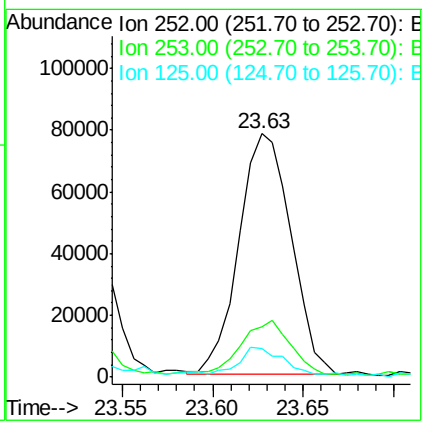
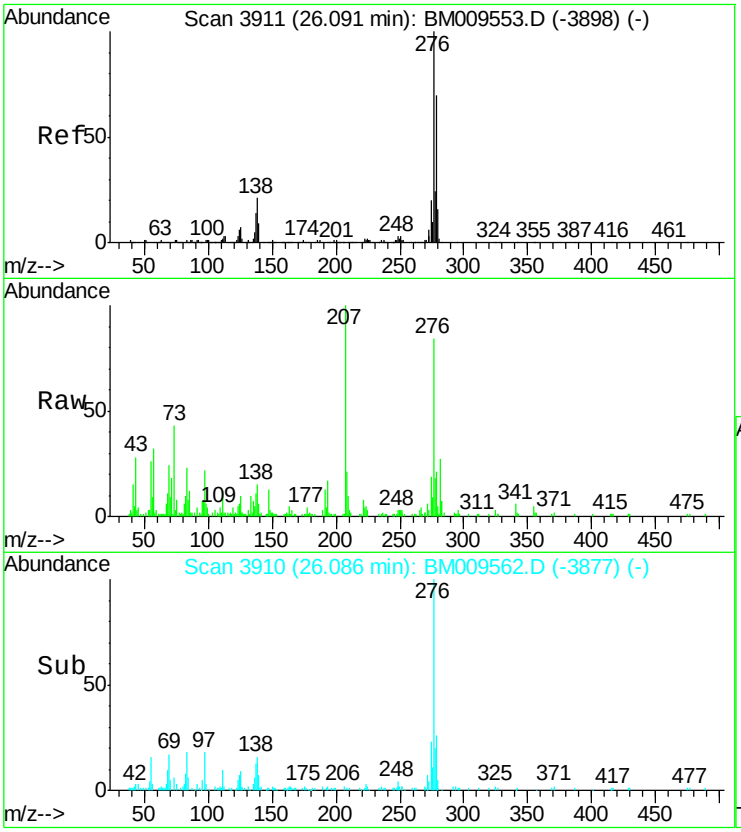


#27
Benzo(a)pyrene
Concen: 3.34 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:252 Resp: 155613

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.1	25.7
125	11.9	9.4	14.2

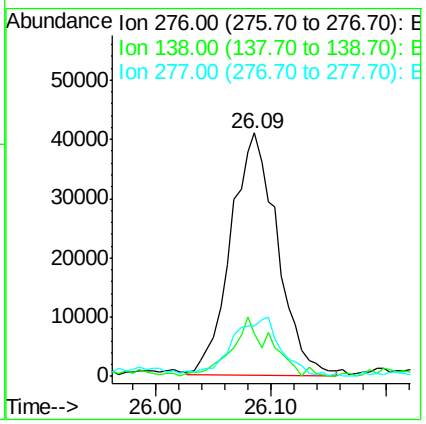




#28
Indeno(1,2,3-cd)pyrene
Concen: 2.20 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:276 Resp: 114825

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.8	26.6#
277	20.8	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
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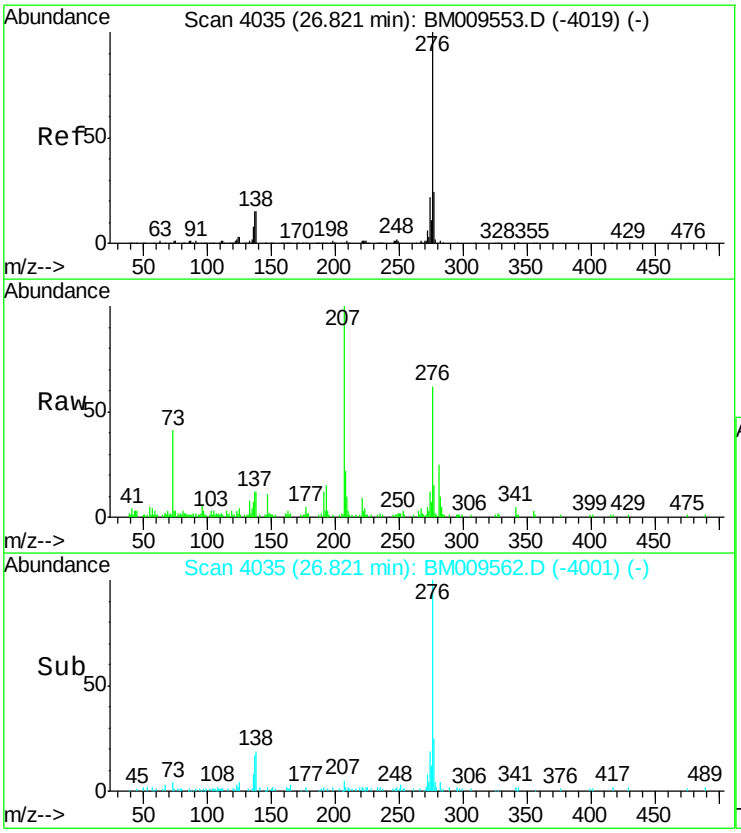

#30
Benzo(g,h,i)perylene
Concen: 2.55 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. 0.00 min
Lab File: BM009562.D
Acq: 05 Apr 2017 17:46

Tgt Ion:276 Resp: 109576

Ion	Ratio	Lower	Upper
276	100		
138	19.2	19.0	28.4
277	24.8	19.7	29.5