Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations APPROVED
mohammad
3/13/2017 12:49:03 PM

Quant Time: Mar 10 16:32:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 15:19:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	238	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	713	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	410	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	896m	0.40	ng/ul	0.00
16) Chrysene-d12	21.44	240	933	0.40	ng/ul	0.00
20) Perylene-d12	23.77	264	922	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	164	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	399	0.14	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	258	0.13	ng/ul#	56
5) 2-Methylnaphthalene	12.34	142	214	0.14	ng/ul	99
12) Phenanthrene	17.30	178	411m	0.15	ng/ul	
15) Fluoranthene	19.33	202	773	0.21	ng/ul	85
17) Pyrene	19.69	202	791	0.25	ng/ul#	87
18) Benzo(a)anthracene	21.42	228	369	0.12	ng/ul#	75
19) Chrysene	21.47	228	461	0.16	ng/ul#	76
21) Benzo(b)fluoranthene	23.07	252	614m	0.17	ng/ul	
22) Benzo(k)fluoranthene	23.11	252	206m	0.06	ng/ul	
23) Benzo(a)pyrene	23.67	252	368	0.11	ng/ul#	57
24) Indeno(1,2,3-cd)pyrene	26.15	276	270	0.07	ng/ul	92
26) Benzo(g,h,i)perylene	26.89	276	233	0.07	ng/ul#	43

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031017\
Data File : BM009170.D
Acq On : 10 Mar 2017 11:35
Operator : SJ/MA
Sample : I2107-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 10 16:32:43 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM030317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 10 15:19:24 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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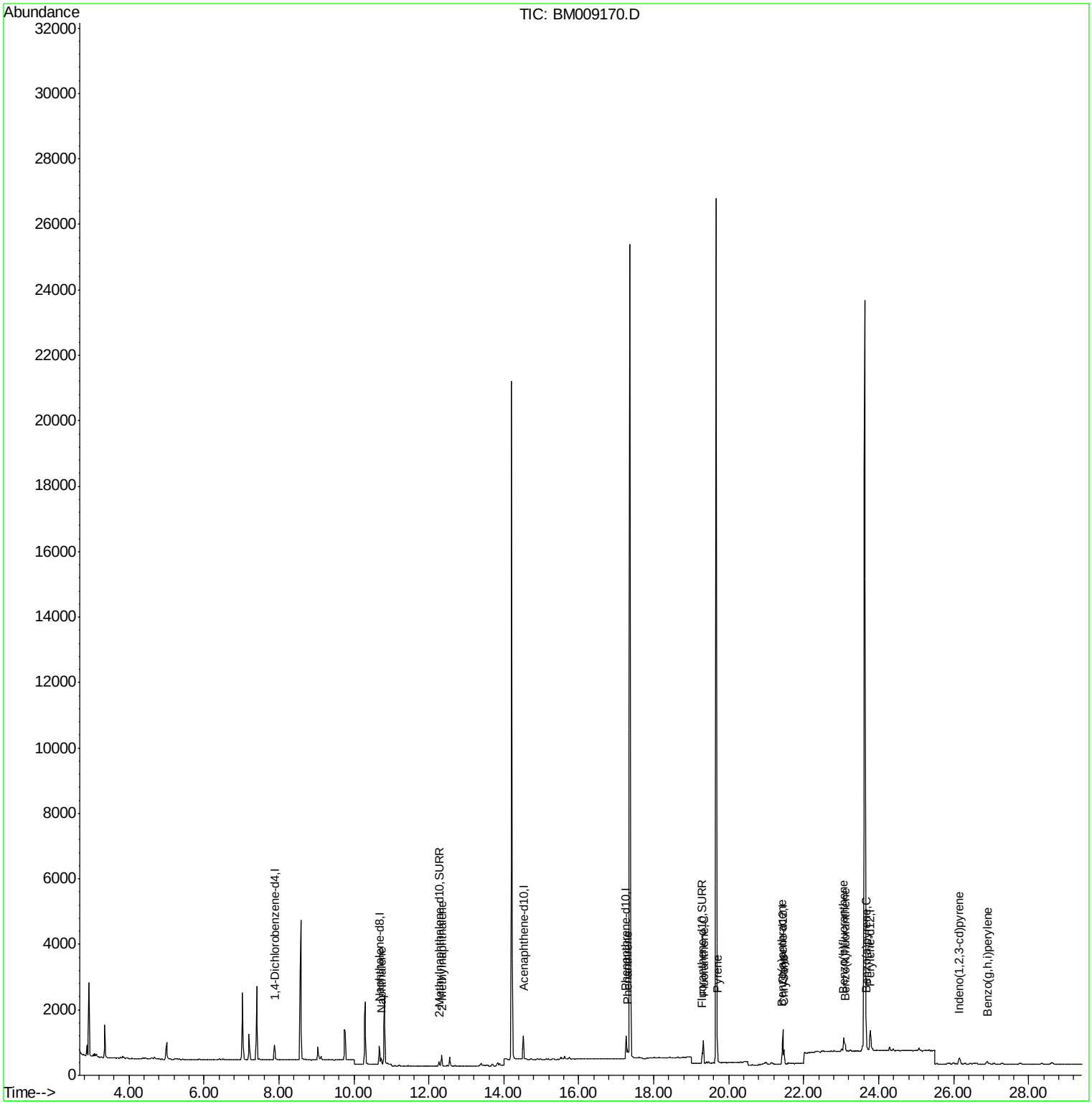
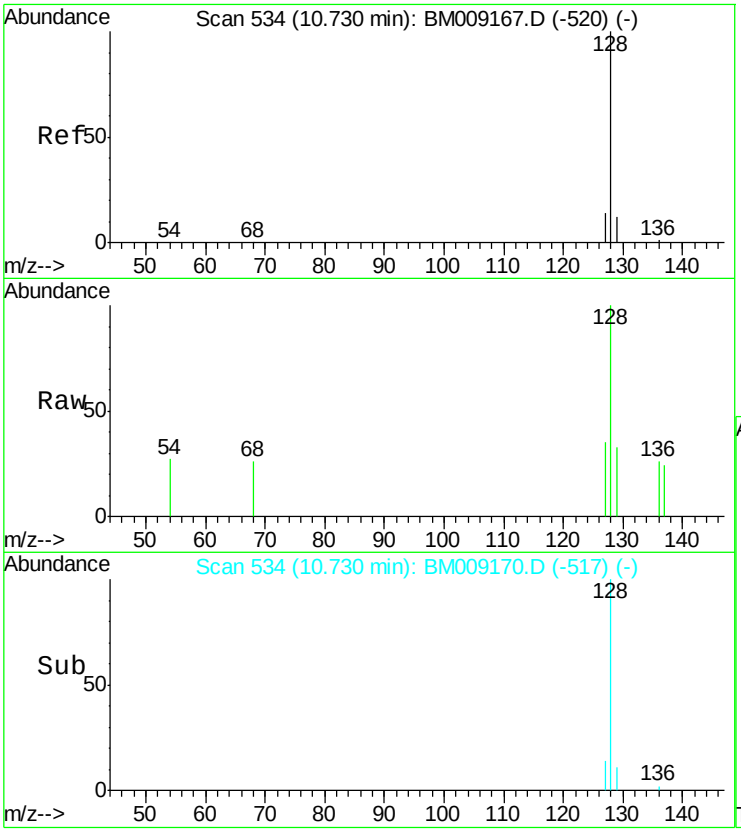
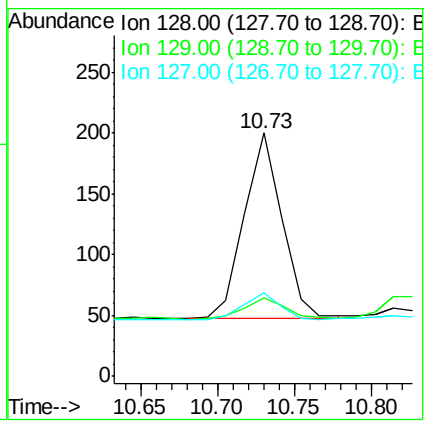




#3
Naphthalene
Concen: 0.13 ng/ul
RT: 10.73 min Scan# 534
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:128 Resp: 258

Ion	Ratio	Lower	Upper
128	100		
129	32.5	11.3	16.9#
127	34.5	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
C0AL1

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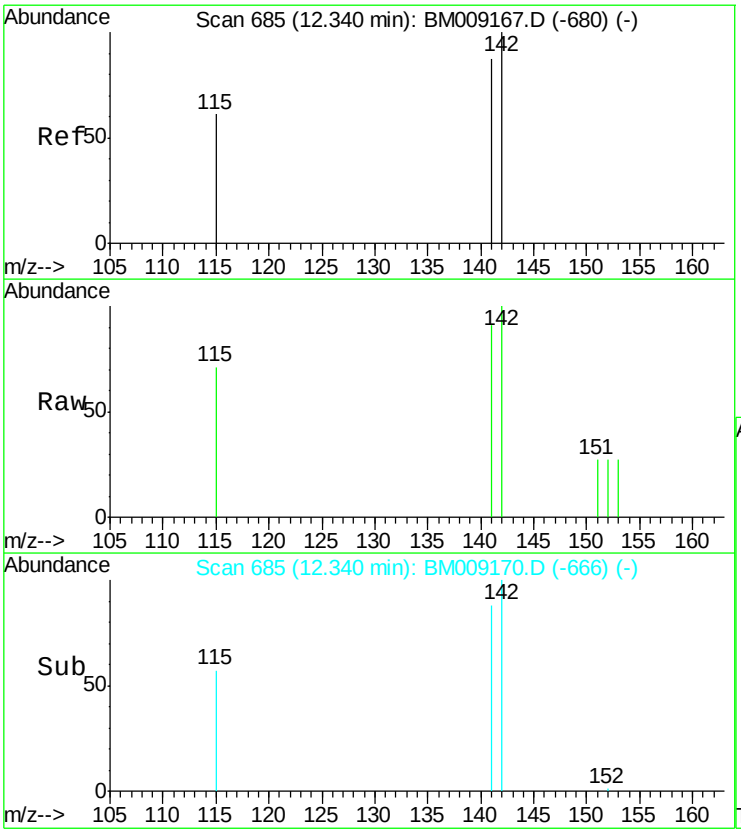
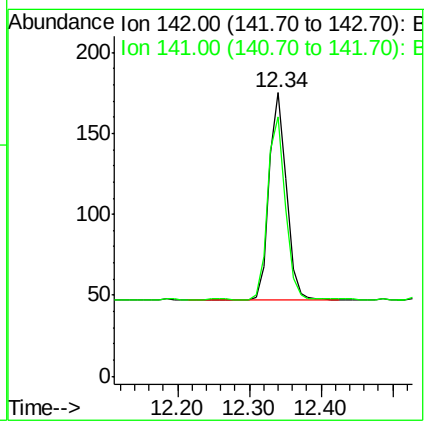
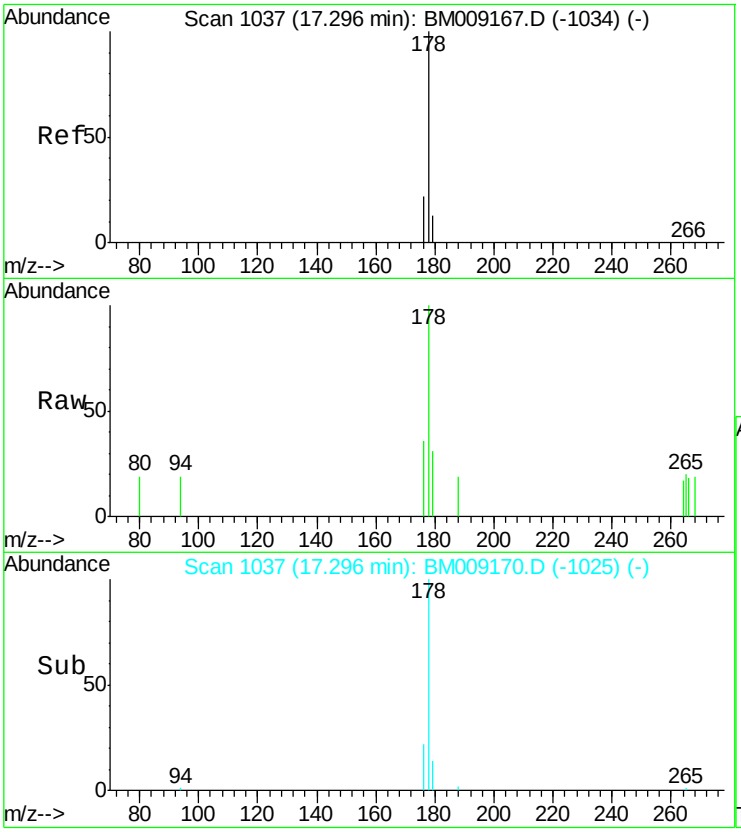


#5
2-Methylnaphthalene
Concen: 0.14 ng/ul
RT: 12.34 min Scan# 685
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:142 Resp: 214

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.6	108.8





#12
Phenanthrene
Concen: 0.15 ng/ul m
RT: 17.30 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:178 Resp: 411

Ion	Ratio	Lower	Upper
178	100		
176	36.1	18.4	27.6#
179	31.2	13.6	20.4#

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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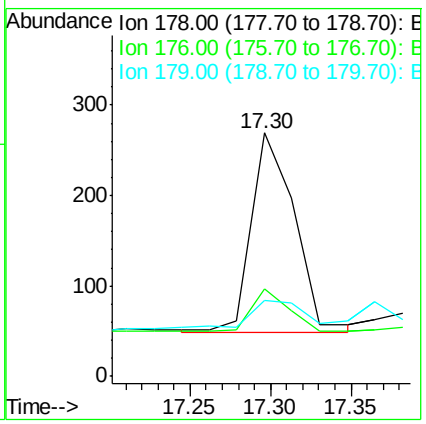
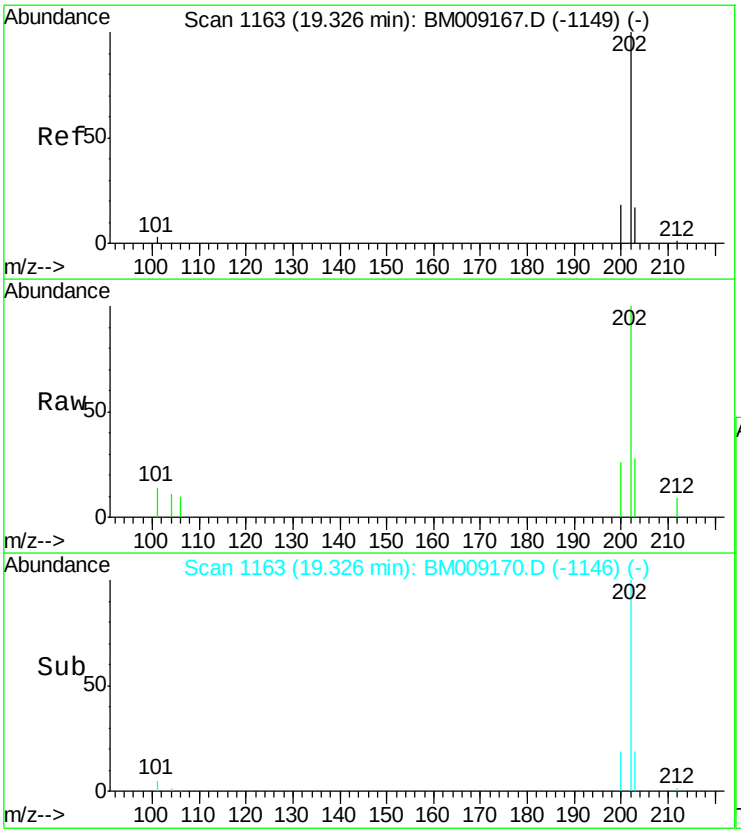
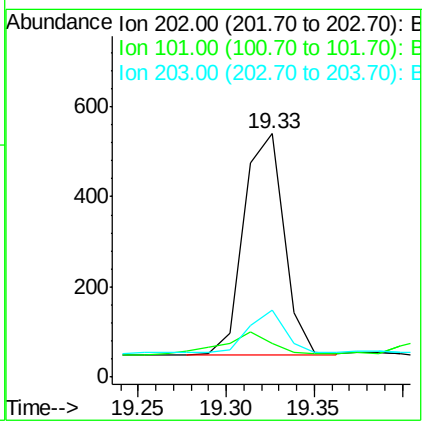


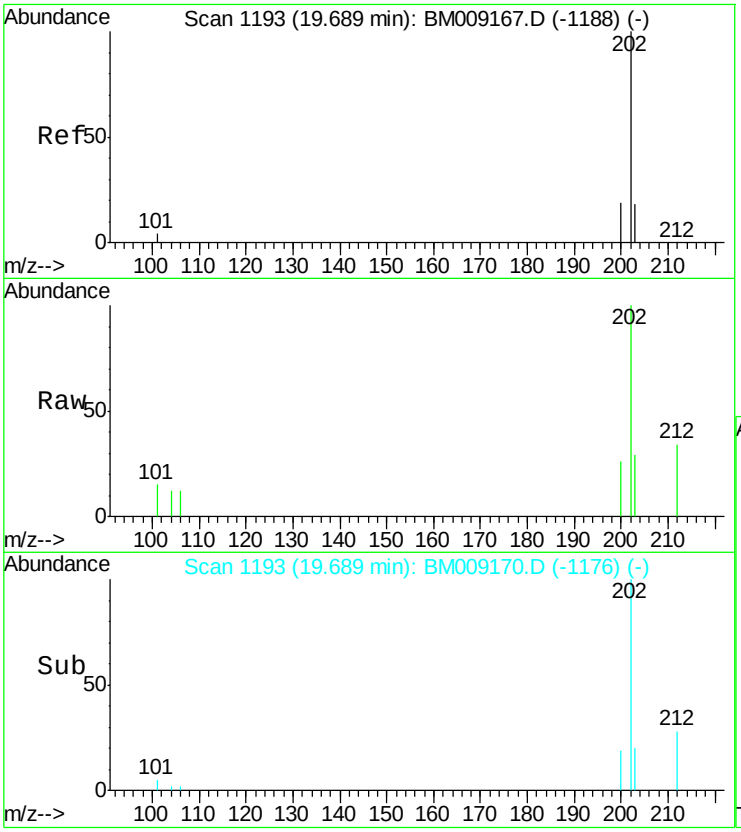


#15
Fluoranthene
Concen: 0.21 ng/ul
RT: 19.33 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:202 Resp: 773

Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	30.3
203	27.8	0.0	39.5





#17
Pyrene
Concen: 0.25 ng/ul
RT: 19.69 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:202 Resp: 791

Ion	Ratio	Lower	Upper
202	100		
200	26.3	18.2	27.4
203	28.6	15.6	23.4#

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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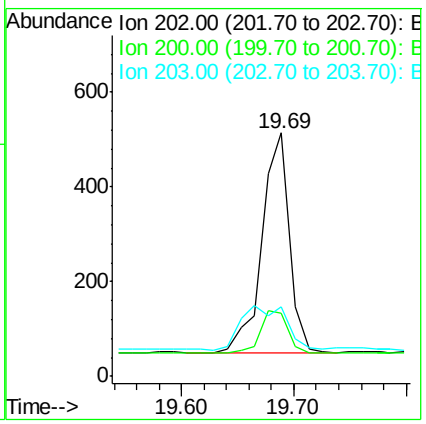
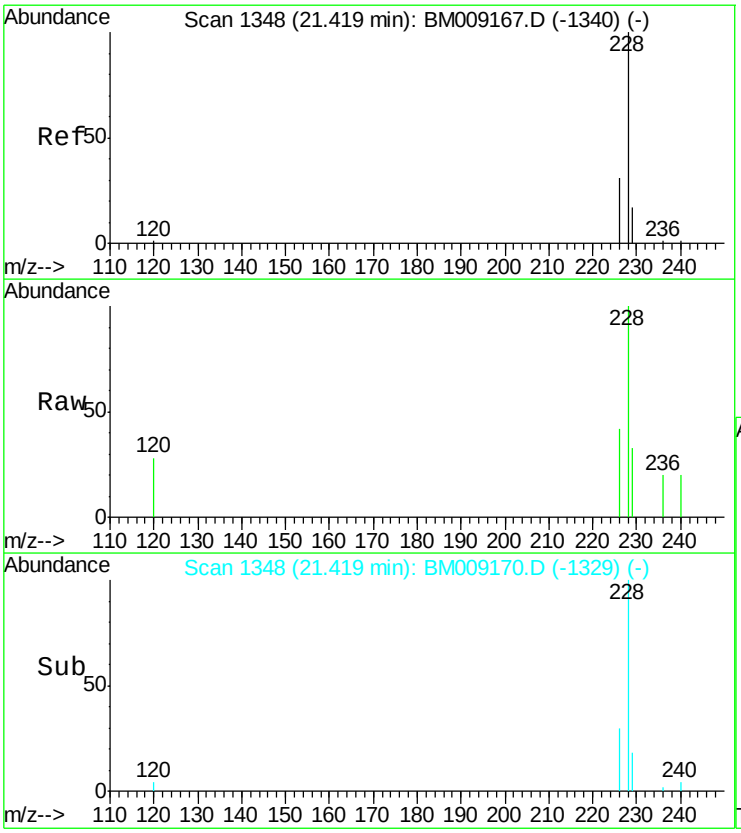
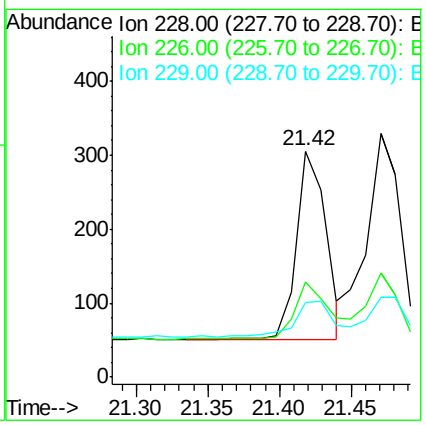


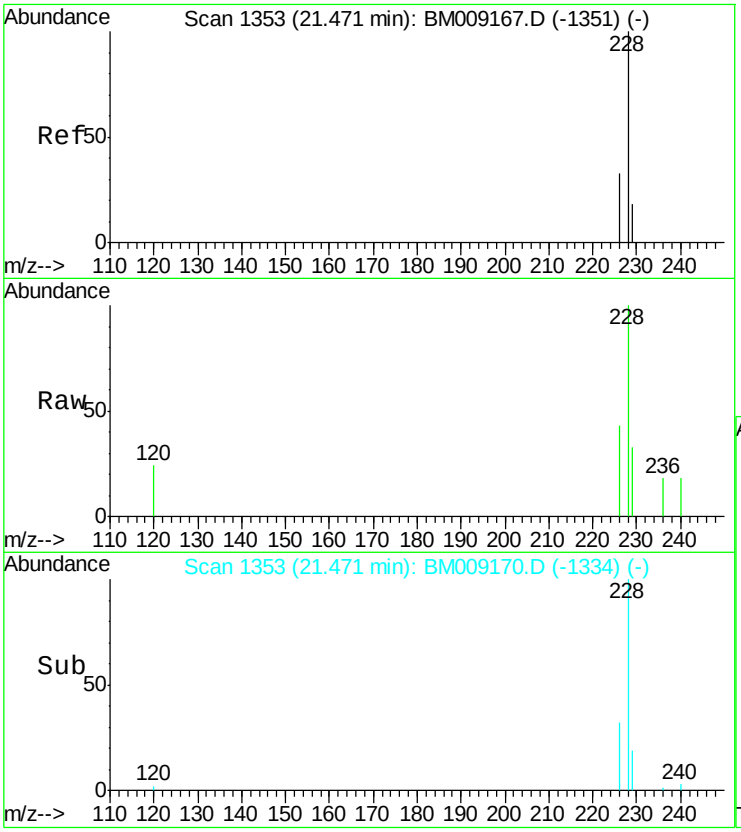


#18
Benzo(a)anthracene
Concen: 0.12 ng/ul
RT: 21.42 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:228 Resp: 369

Ion	Ratio	Lower	Upper
228	100		
226	42.2	22.8	34.2#
229	33.0	17.0	25.6#





#19
Chrysene
Concen: 0.16 ng/ul
RT: 21.47 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:228 Resp: 461

Ion	Ratio	Lower	Upper
228	100		
226	42.6	23.4	35.0#
229	32.8	17.7	26.5#

Instrument :
BNA_M
ClientSampleId :
C0AL1

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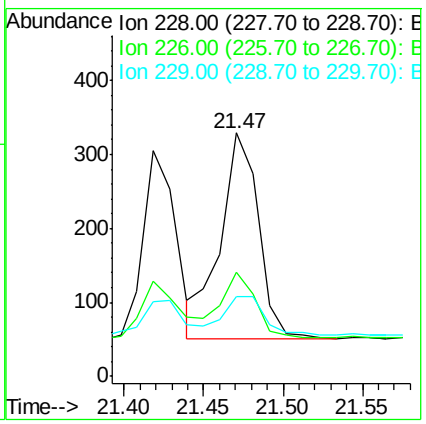
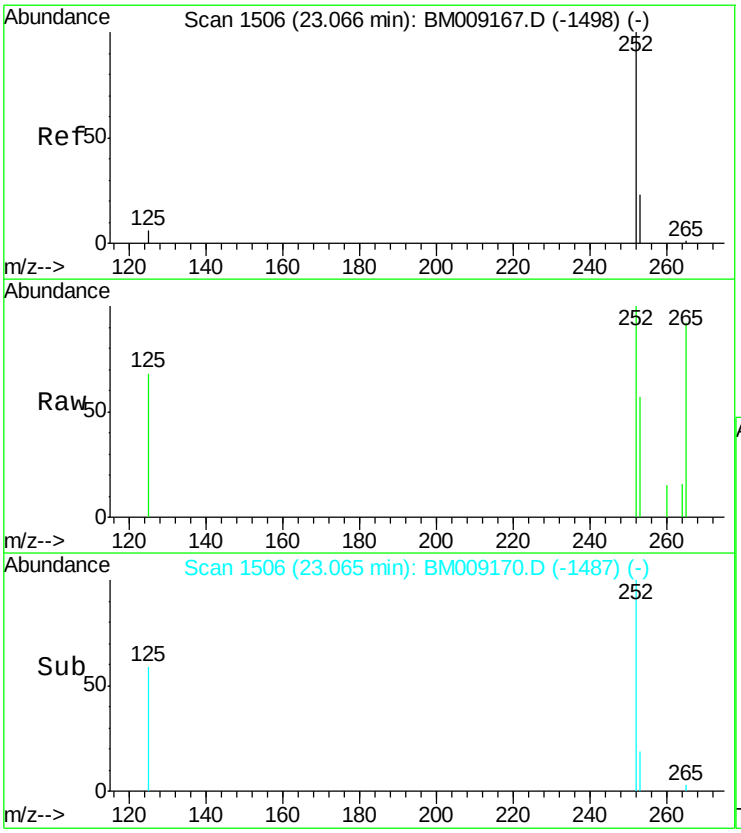
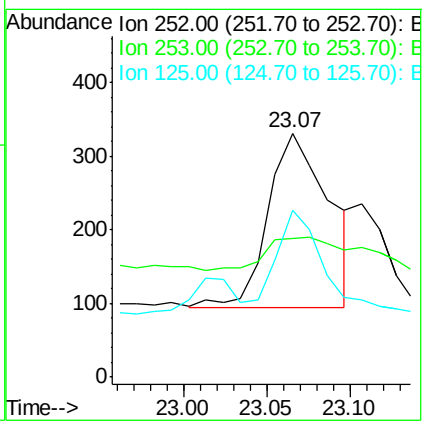


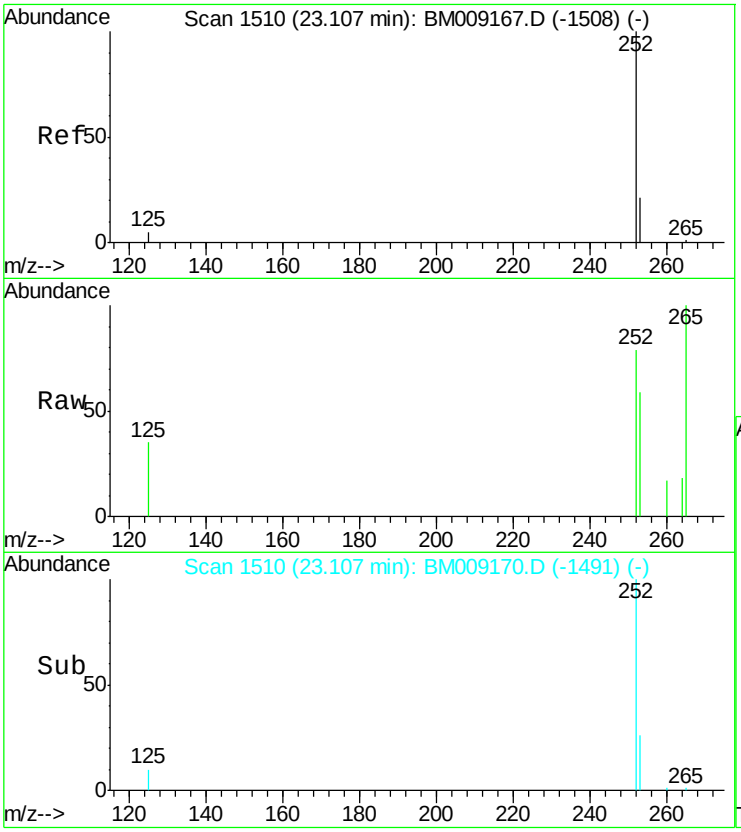


#21
Benzo(b)fluoranthene
Concen: 0.17 ng/ul m
RT: 23.07 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:252 Resp: 614

Ion	Ratio	Lower	Upper
252	100		
253	57.1	0.0	64.2
125	68.3	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.06 ng/ul m
RT: 23.11 min Scan# 1510
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:252 Resp: 206

Ion	Ratio	Lower	Upper
252	100		
253	74.9	24.5	36.7#
125	44.7	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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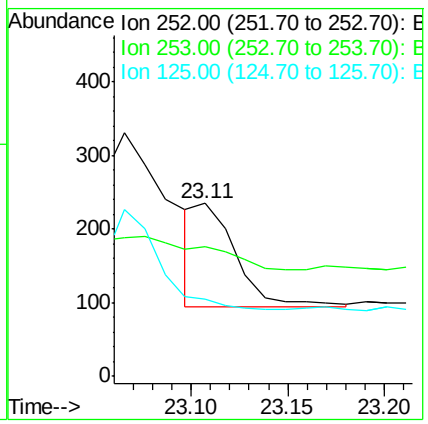
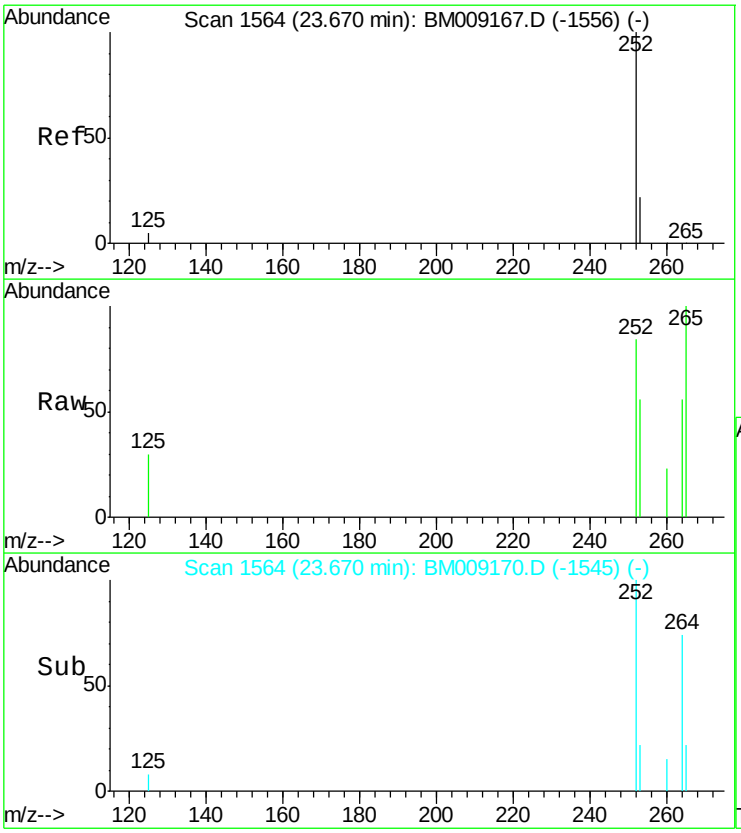
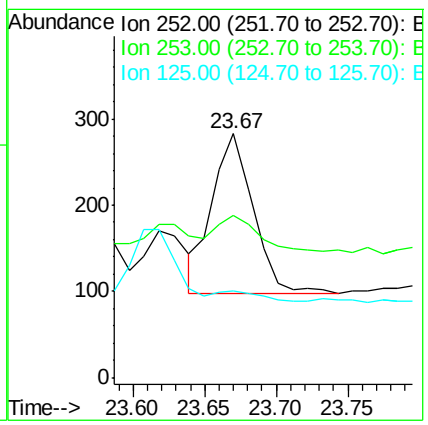


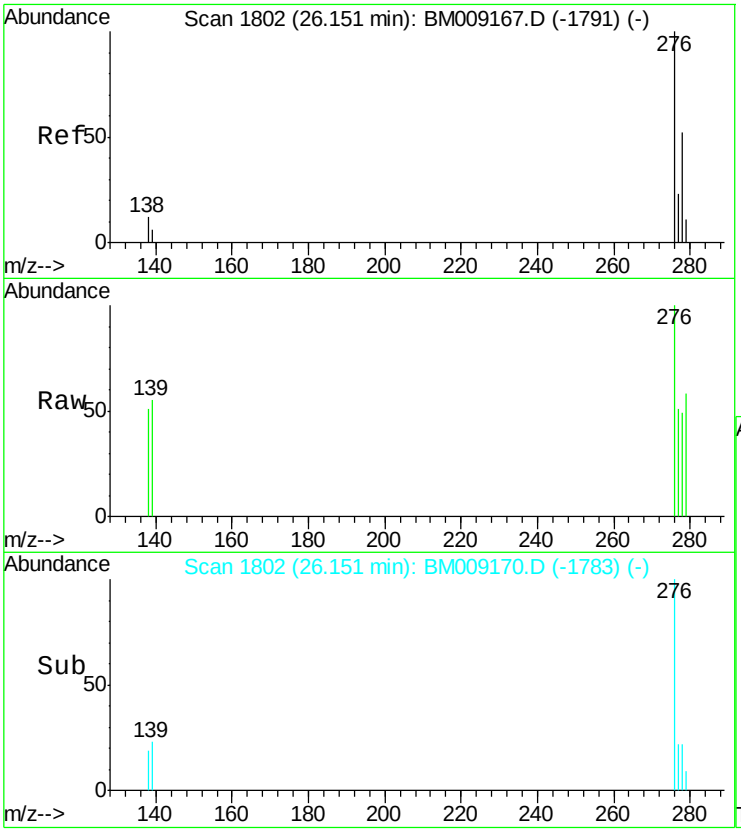


#23
Benzo(a)pyrene
Concen: 0.11 ng/ul
RT: 23.67 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:252 Resp: 368

Ion	Ratio	Lower	Upper
252	100		
253	66.4	28.5	42.7#
125	35.3	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng/ul
RT: 26.15 min Scan# 1802
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Instrument :
BNA_M
ClientSampleId :
C0AL1

Manual Integrations APPROVED
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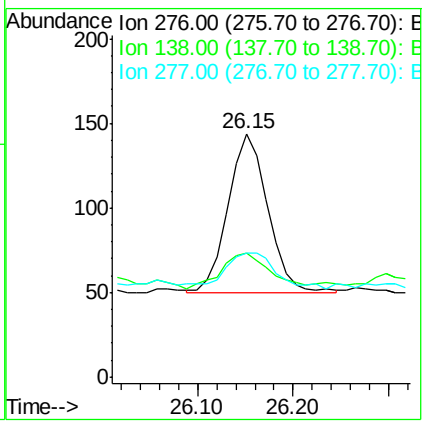
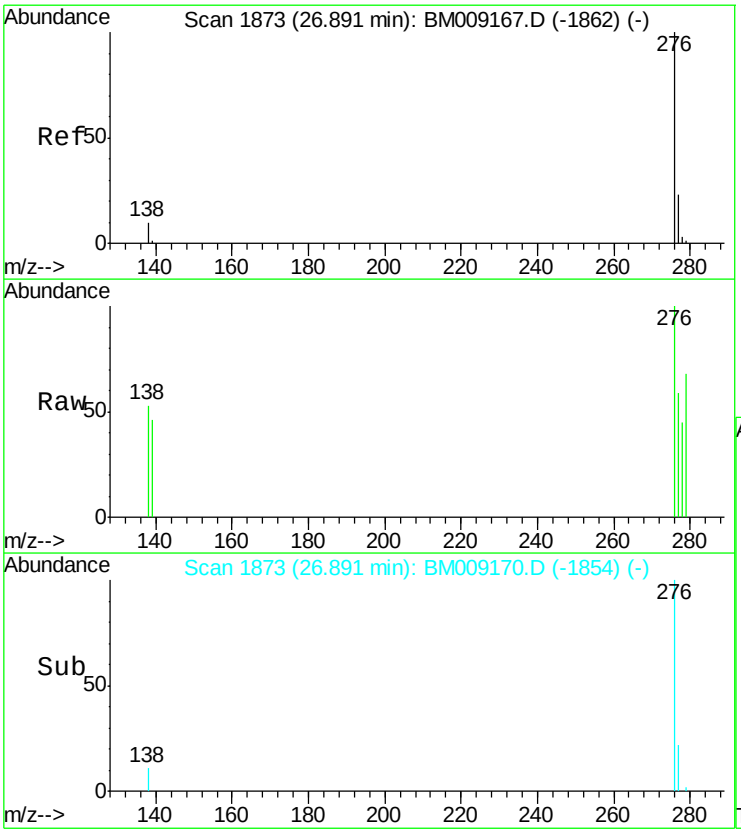
3/13/2017 12:49:03 PM

Tgt Ion:276 Resp: 270

Ion	Ratio	Lower	Upper
276	100		
138	27.8	19.1	28.7
277	28.1	19.6	29.4





#26
Benzo(g,h,i)perylene
Concen: 0.07 ng/ul
RT: 26.89 min Scan# 1873
Delta R.T. -0.00 min
Lab File: BM009170.D
Acq: 10 Mar 2017 11:35

Tgt Ion:276 Resp: 233

Ion	Ratio	Lower	Upper
276	100		
277	58.6	21.8	32.8#
138	52.6	20.5	30.7#