Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025936.D
Acq On : 04 Apr 2020 05:36
Operator : CG/JU
Sample : L2062-04RE
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F3E03

Manual Integrations APPROVED
mohammad
4/6/2020 1:41:49 PM

Quant Time: Apr 04 06:56:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 04 05:10:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3585	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	16082	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	11538	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	25600m	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	28424	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	29289	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	10526	0.37	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	28523	0.36	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.92	152	4997	0.101	ng/ul	97
13) Anthracene	17.08	178	5507	0.077	ng/ul	96
15) Fluoranthene	19.01	202	23435	0.235	ng/ul	98
17) Pyrene	19.37	202	60837	0.598	ng/ul	99
18) Benzo(a)anthracene	21.12	228	27564	0.271	ng/ul	94
19) Chrysene	21.15	228	60471	0.545	ng/ul	98
21) Benzo(b)fluoranthene	22.65	252	142712m	1.324	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	50833m	0.440	ng/ul	
23) Benzo(a)pyrene	23.19	252	57220	0.594	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	25.40	276	34616	0.268	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.40	278	10240	0.095	ng/ul#	92
26) Benzo(g,h,i)perylene	26.04	276	23960	0.220	ng/ul	98

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

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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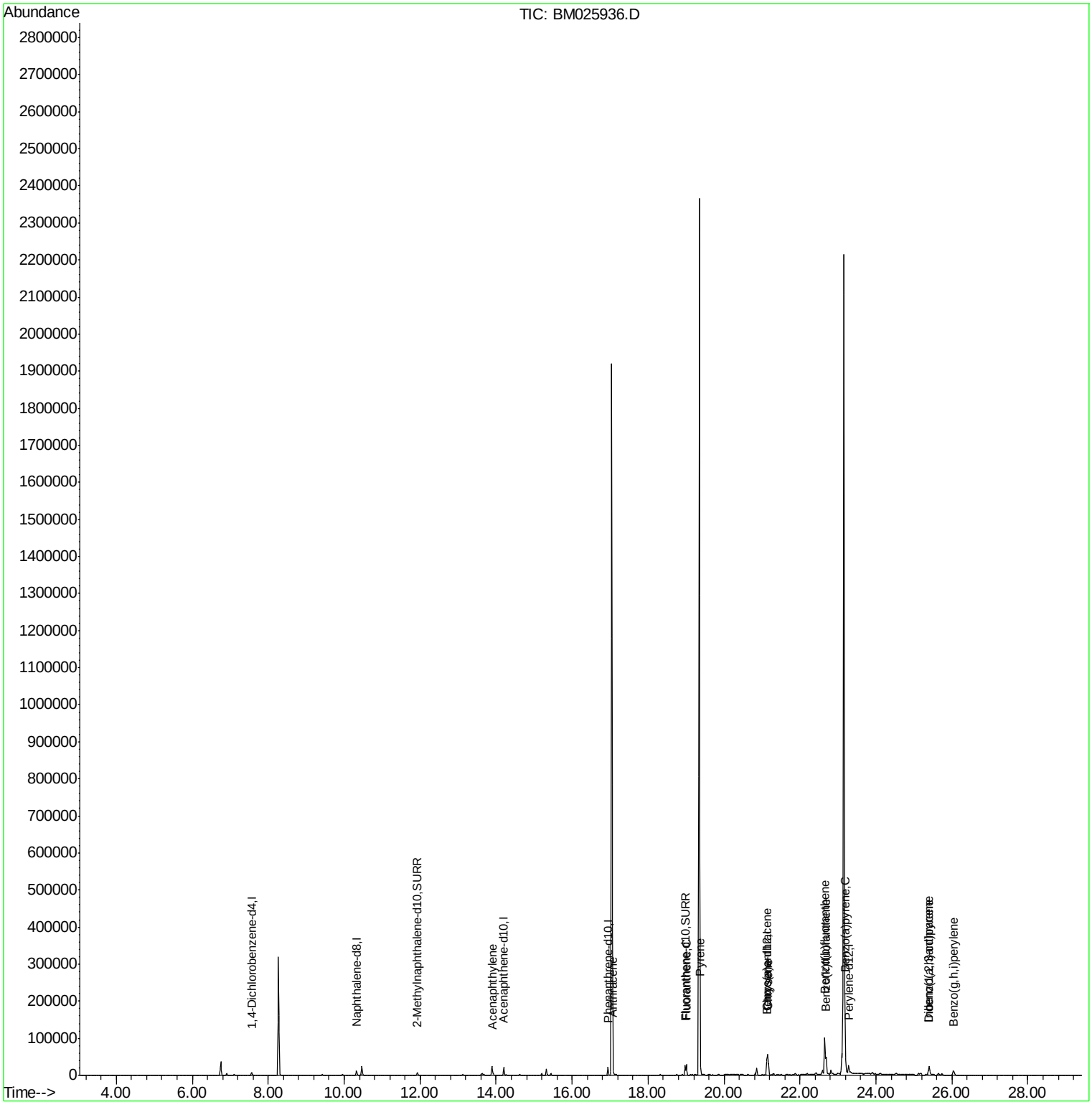
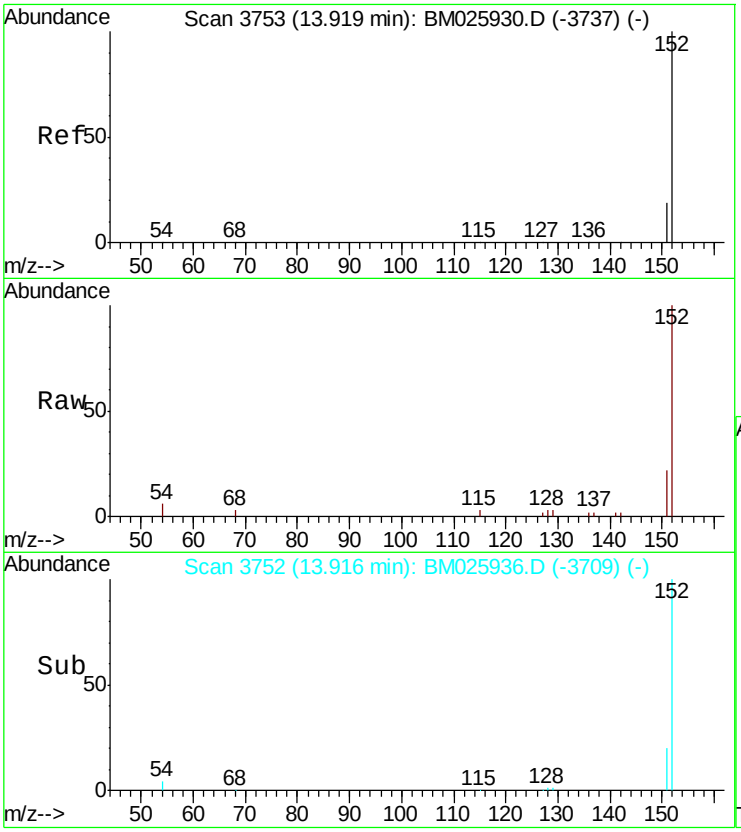
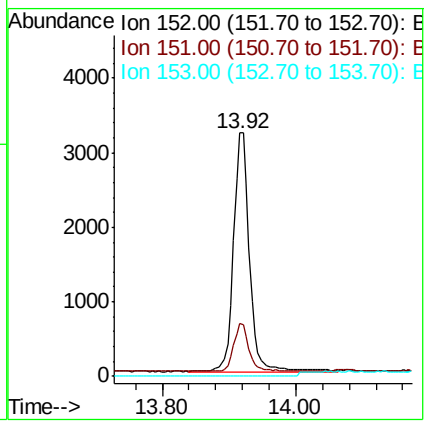




#7
Acenaphthylene
Concen: 0.101 ng/ul
RT: 13.92 min Scan# 3752
Delta R.T. -0.01 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:152 Resp: 4997

Ion	Ratio	Lower	Upper
152	100		
151	21.6	16.1	24.1
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
F3E03

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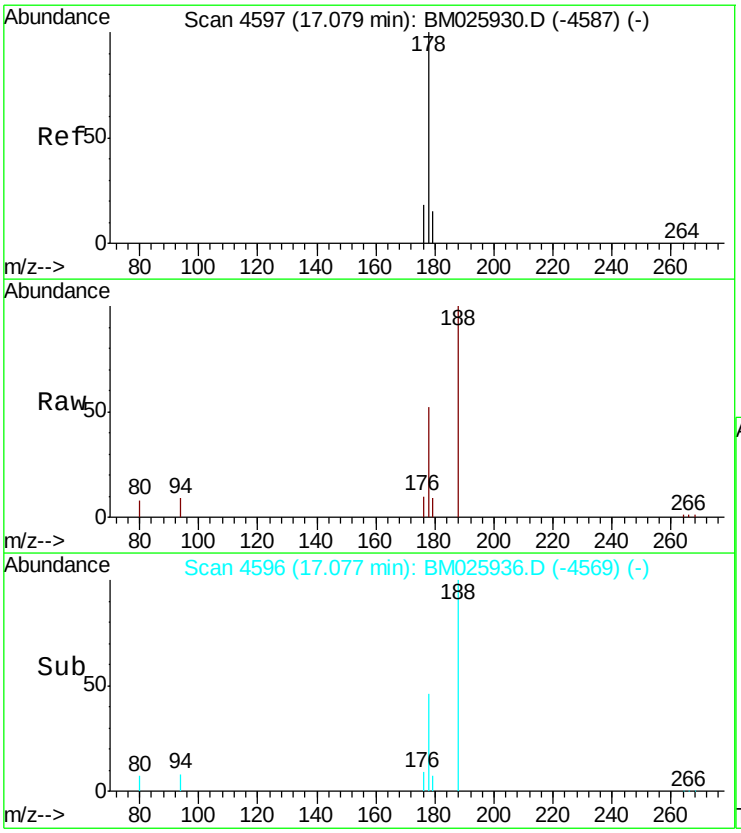
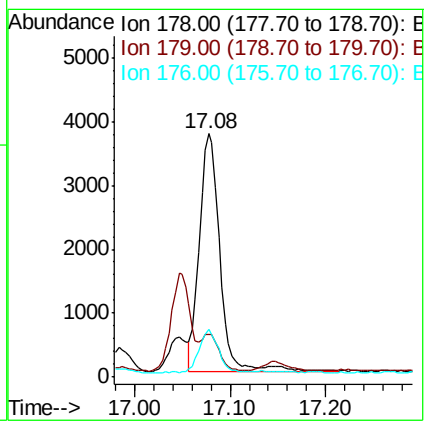
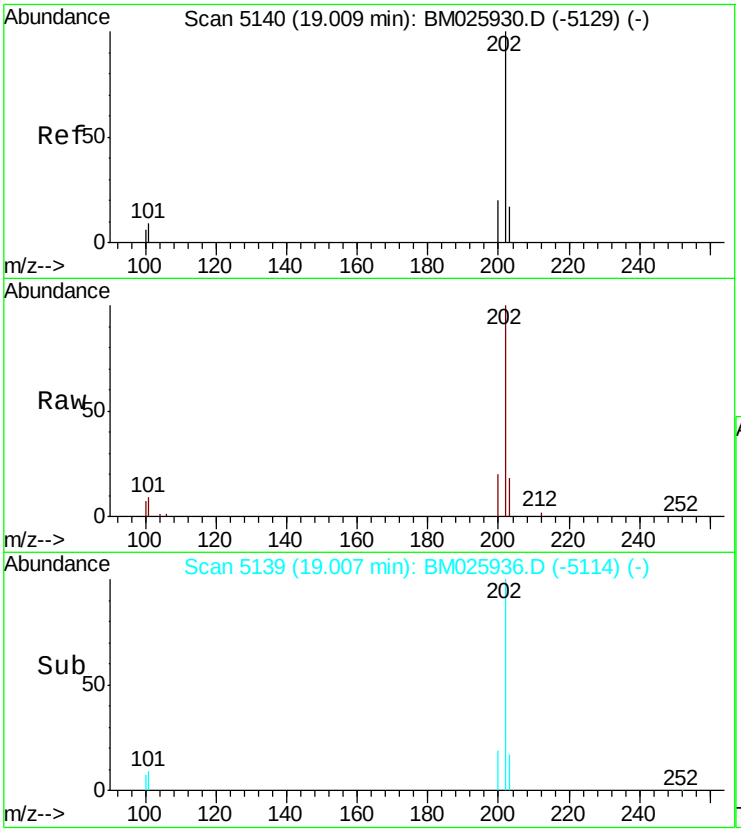


#13
Anthracene
Concen: 0.077 ng/ul
RT: 17.08 min Scan# 4596
Delta R.T. -0.00 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:178 Resp: 5507

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.8	19.2
176	19.8	14.5	21.7

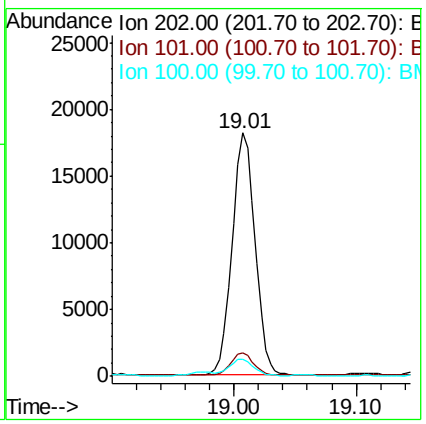




#15
Fluoranthene
Concen: 0.235 ng/ul
RT: 19.01 min Scan# 5139
Delta R.T. -0.01 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:202 Resp: 23435

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	28.6
100	7.2	0.0	27.0



Instrument :
BNA_M
ClientSampleId :
F3E03

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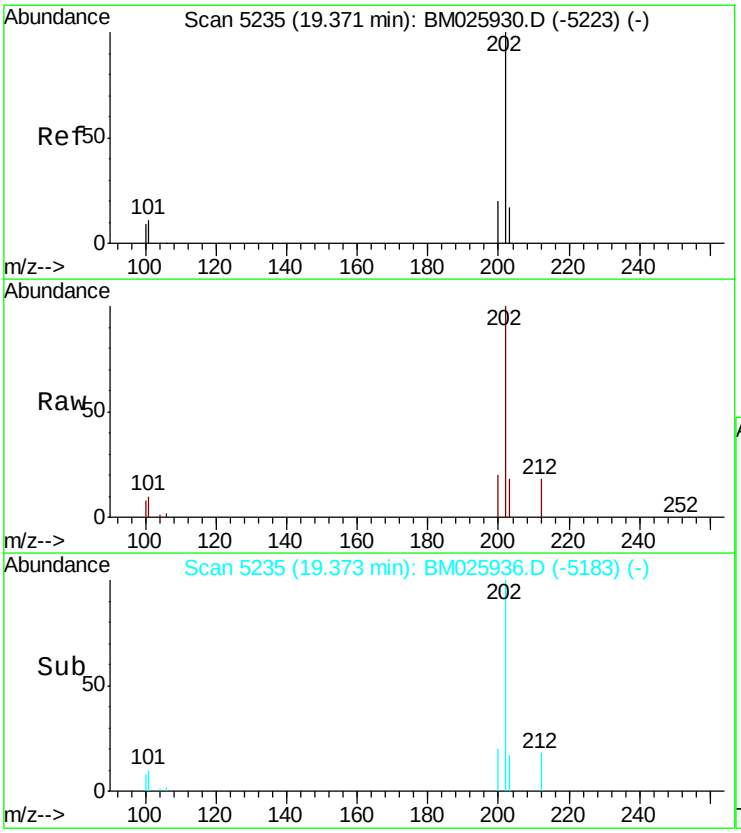
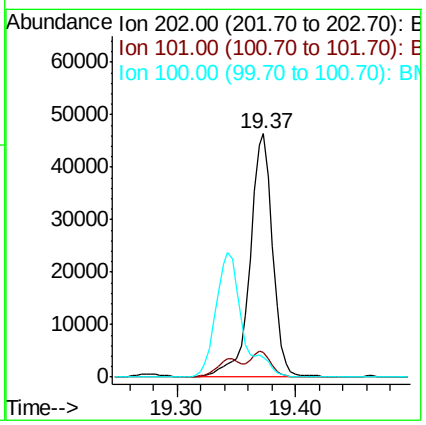
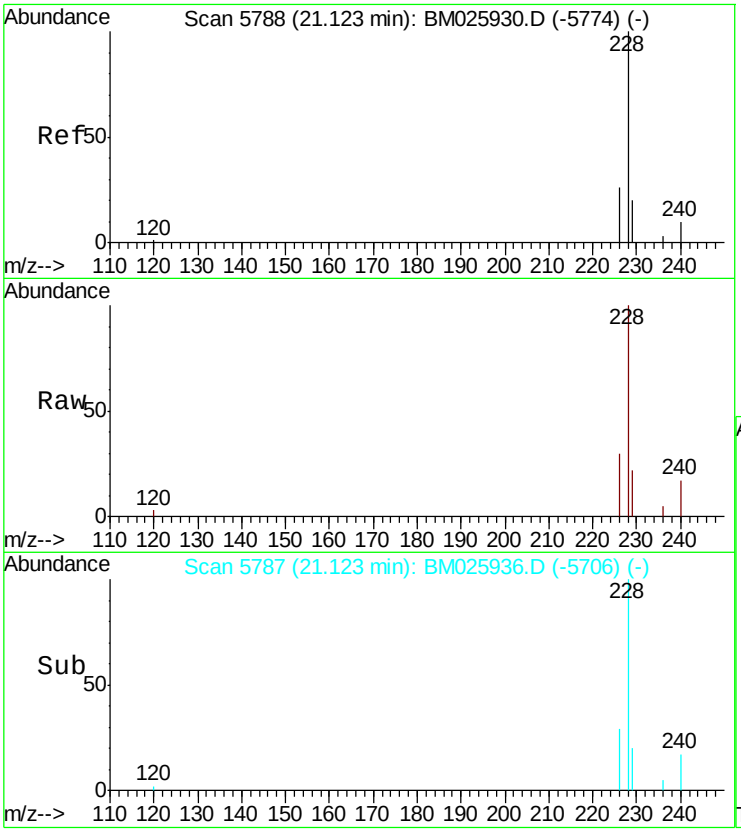


#17
Pyrene
Concen: 0.598 ng/ul
RT: 19.37 min Scan# 5235
Delta R.T. -0.00 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:202 Resp: 60837

Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.5	11.3
100	8.2	6.3	9.5

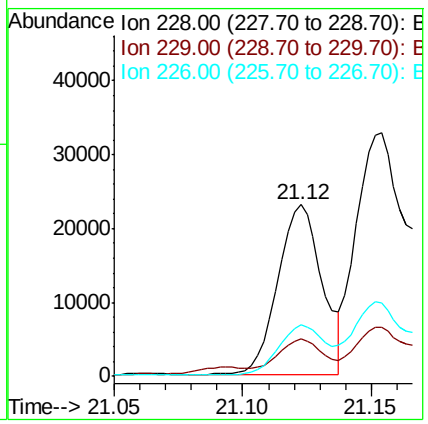




#18
Benzo(a)anthracene
Concen: 0.271 ng/ul
RT: 21.12 min Scan# 5787
Delta R.T. -0.00 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:228 Resp: 27564

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.8
226	30.0	20.9	31.3



Instrument :
BNA_M
ClientSampleId :
F3E03

Manual Integrations APPROVED
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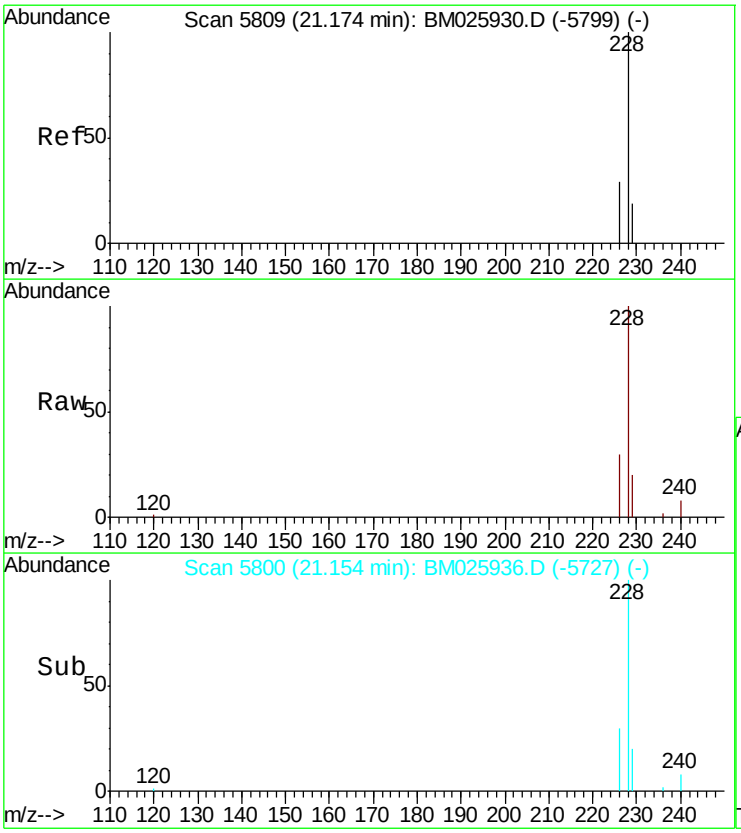
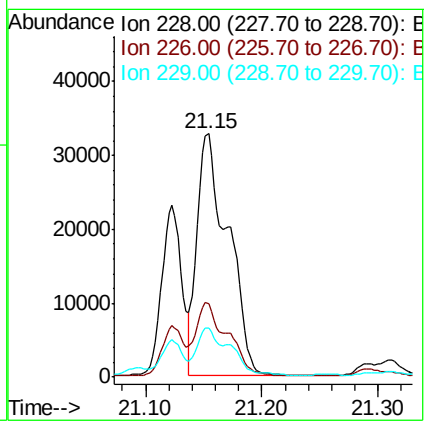
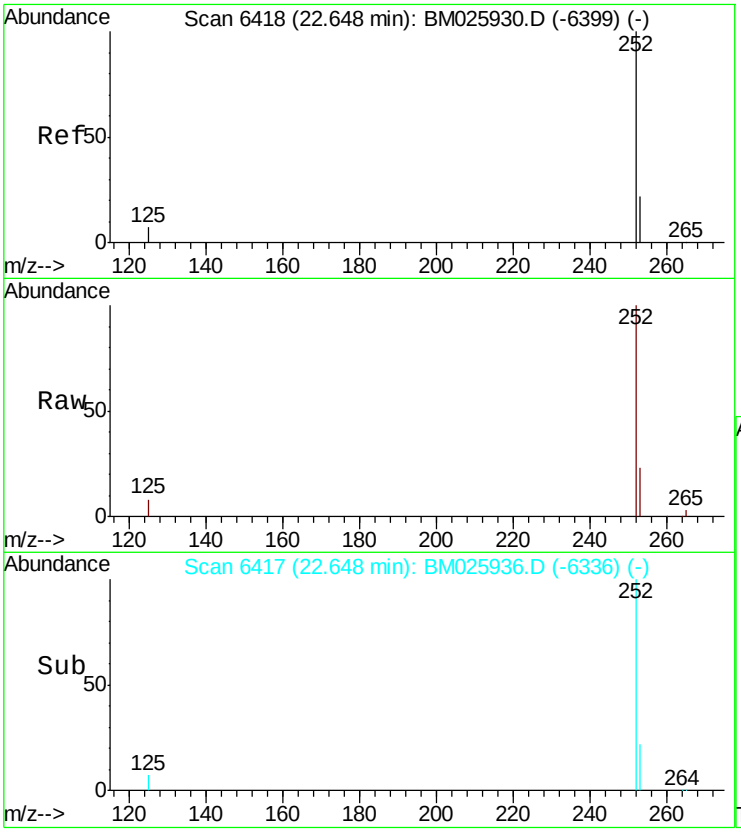


#19
Chrysene
Concen: 0.545 ng/ul
RT: 21.15 min Scan# 5800
Delta R.T. -0.02 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:228 Resp: 60471

Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.9	34.3
229	20.3	15.8	23.8

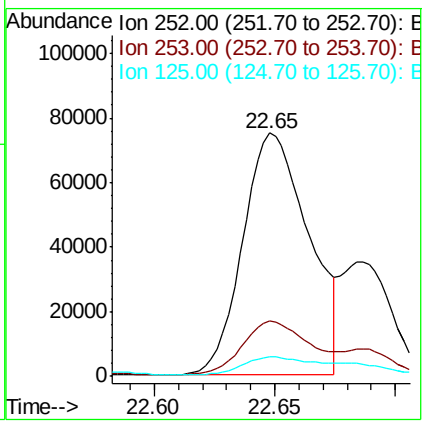




#21
Benzo(b)fluoranthene
Concen: 1.324 ng/ul m
RT: 22.65 min Scan# 6417
Delta R.T. -0.00 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:252 Resp: 142712

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	46.6
125	7.9	0.0	15.4



Instrument :
BNA_M
ClientSampleId :
F3E03

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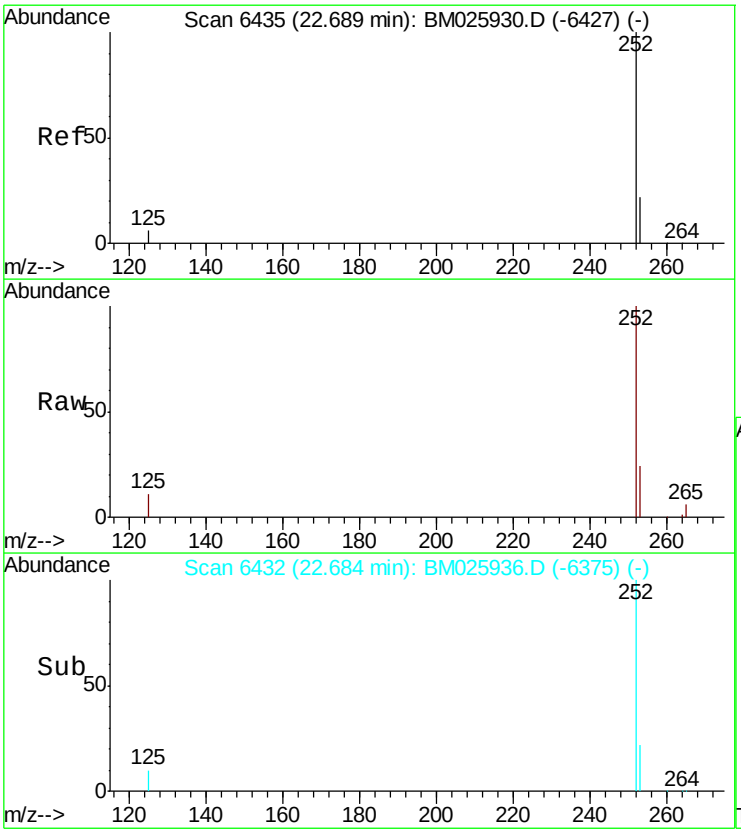
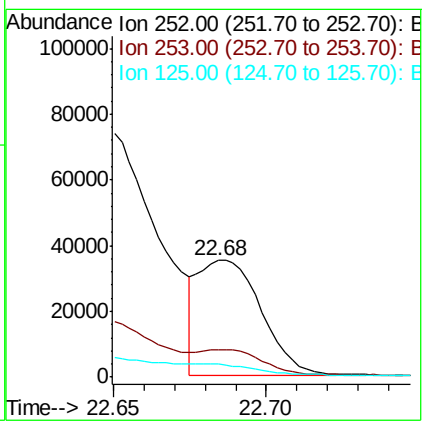
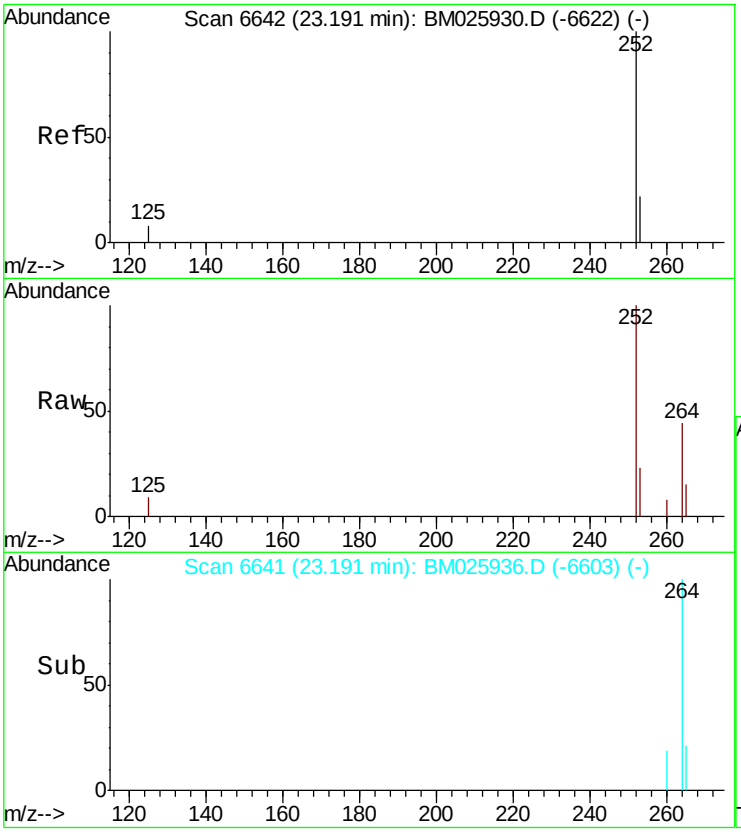


#22
Benzo(k)fluoranthene
Concen: 0.440 ng/ul m
RT: 22.68 min Scan# 6432
Delta R.T. -0.01 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:252 Resp: 50833

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.0	28.4
125	11.1	6.7	10.1#

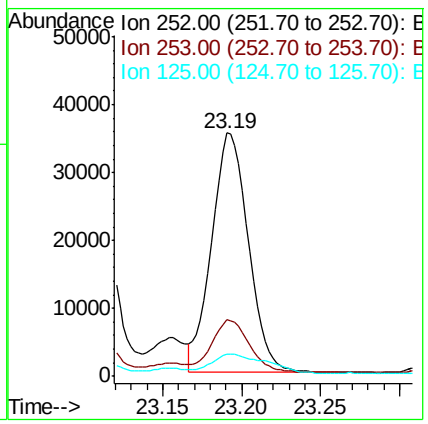




#23
Benzo(a)pyrene
Concen: 0.594 ng/ul
RT: 23.19 min Scan# 6641
Delta R.T. -0.01 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:252 Resp: 57220

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.2	28.8
125	9.1	7.4	11.0



Instrument :
BNA_M
ClientSampleId :
F3E03

Manual Integrations APPROVED
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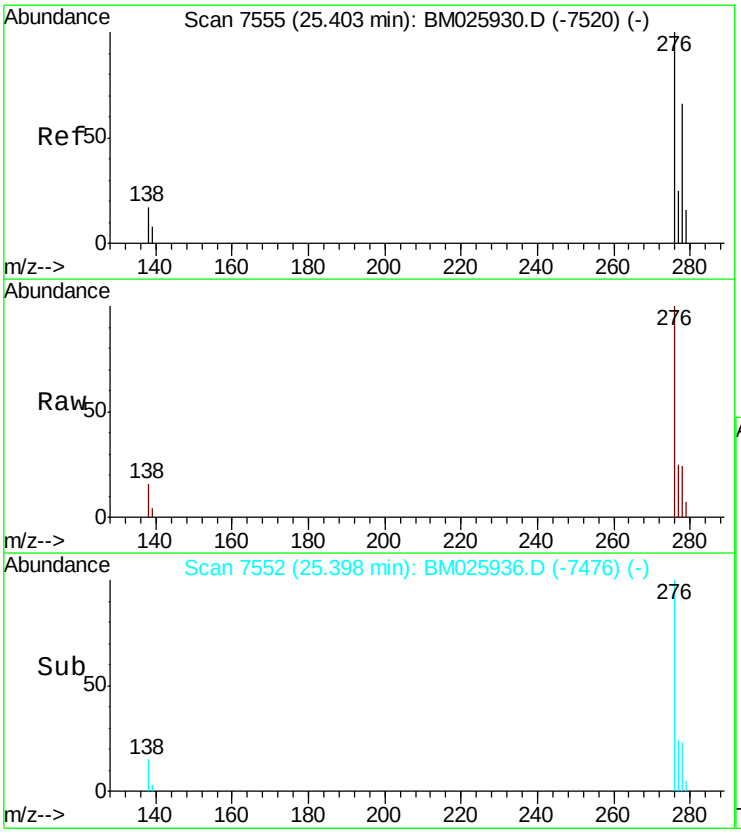
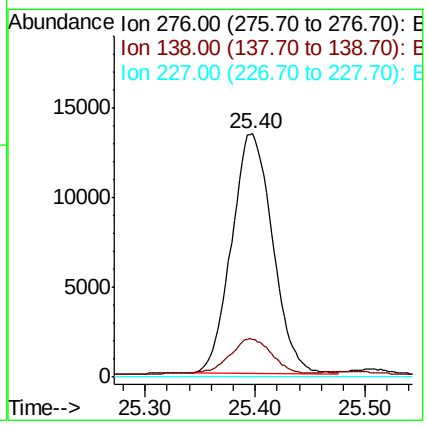
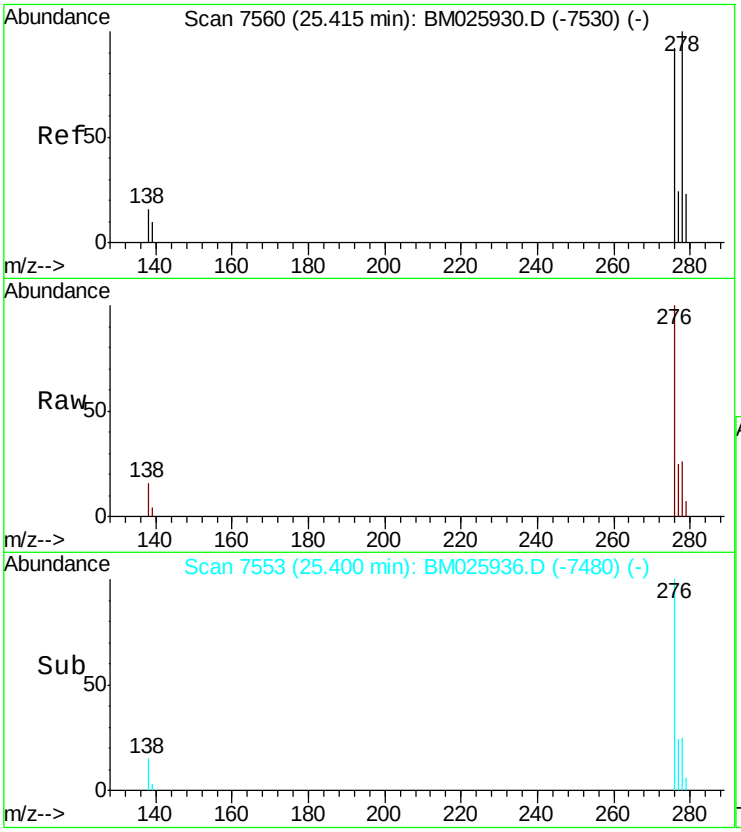


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.268 ng/ul
RT: 25.40 min Scan# 7552
Delta R.T. -0.02 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:276 Resp: 34616

Ion	Ratio	Lower	Upper
276	100		
138	14.5	12.6	19.0
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.095 ng/ul
RT: 25.40 min Scan# 7553
Delta R.T. -0.02 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:278 Resp: 10240

Ion	Ratio	Lower	Upper
278	100		
139	15.2	8.9	13.3#
279	28.2	20.0	30.0

Instrument :
BNA_M
ClientSampleId :
F3E03

Manual Integrations APPROVED
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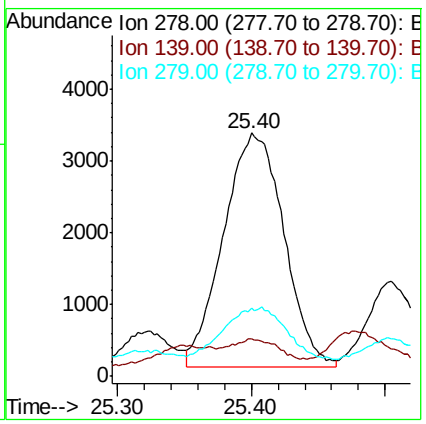

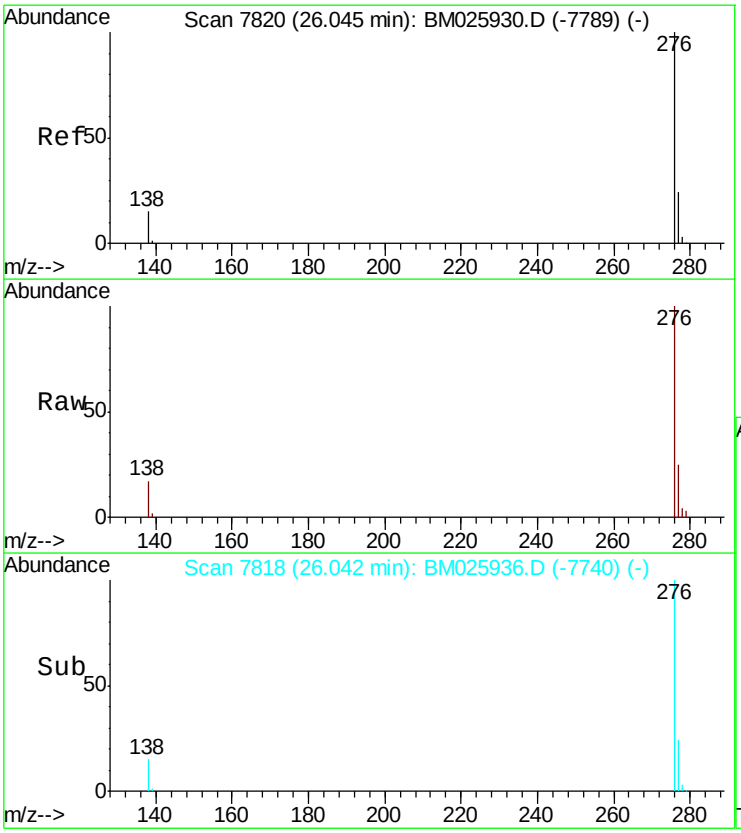

#26
Benzo(g,h,i)perylene
Concen: 0.220 ng/ul
RT: 26.04 min Scan# 7818
Delta R.T. -0.01 min
Lab File: BM025936.D
Acq: 04 Apr 2020 05:36

Tgt Ion:276 Resp: 23960

Ion	Ratio	Lower	Upper
276	100		
138	16.6	11.8	17.8
277	24.5	19.2	28.8