Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006574.D
Acq On : 25 Jun 2019 17:25
Operator : HP/JU
Sample : K3362-14DL 5X
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4203DL

Manual Integrations APPROVED
mohammad
6/25/2019 10:22:24 PM

Quant Time: Jun 25 18:38:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 25 07:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5061	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	17475	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	7760	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	14613	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	11491	0.40	ng/ul	0.02
20) Perylene-d12	23.52	264	14219	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	1318	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2305	0.06	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.34	153	1106	0.037	ng/ul	97
9) Fluorene	15.34	166	1473	0.042	ng/ul#	96
12) Phenanthrene	17.08	178	49553	1.056	ng/ul	99
13) Anthracene	17.17	178	8249	0.184	ng/ul	96
15) Fluoranthene	19.11	202	139979	2.702	ng/ul	100
17) Pyrene	19.48	202	113694	1.878	ng/ul	97
18) Benzo(a)anthracene	21.26	228	54560	1.074	ng/ul	99
19) Chrysene	21.31	228	64883	1.360	ng/ul	99
21) Benzo(b)fluoranthene	22.86	252	84681m	1.428	ng/ul	
22) Benzo(k)fluoranthene	22.90	252	33611m	0.582	ng/ul	
23) Benzo(a)pyrene	23.43	252	53984	0.978	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.77	276	40124	0.671	ng/ul#	87
25) Dibenzo(a,h)anthracene	25.77	278	9346	0.196	ng/ul	99
26) Benzo(g,h,i)perylene	26.45	276	32084	0.641	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
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Misc :
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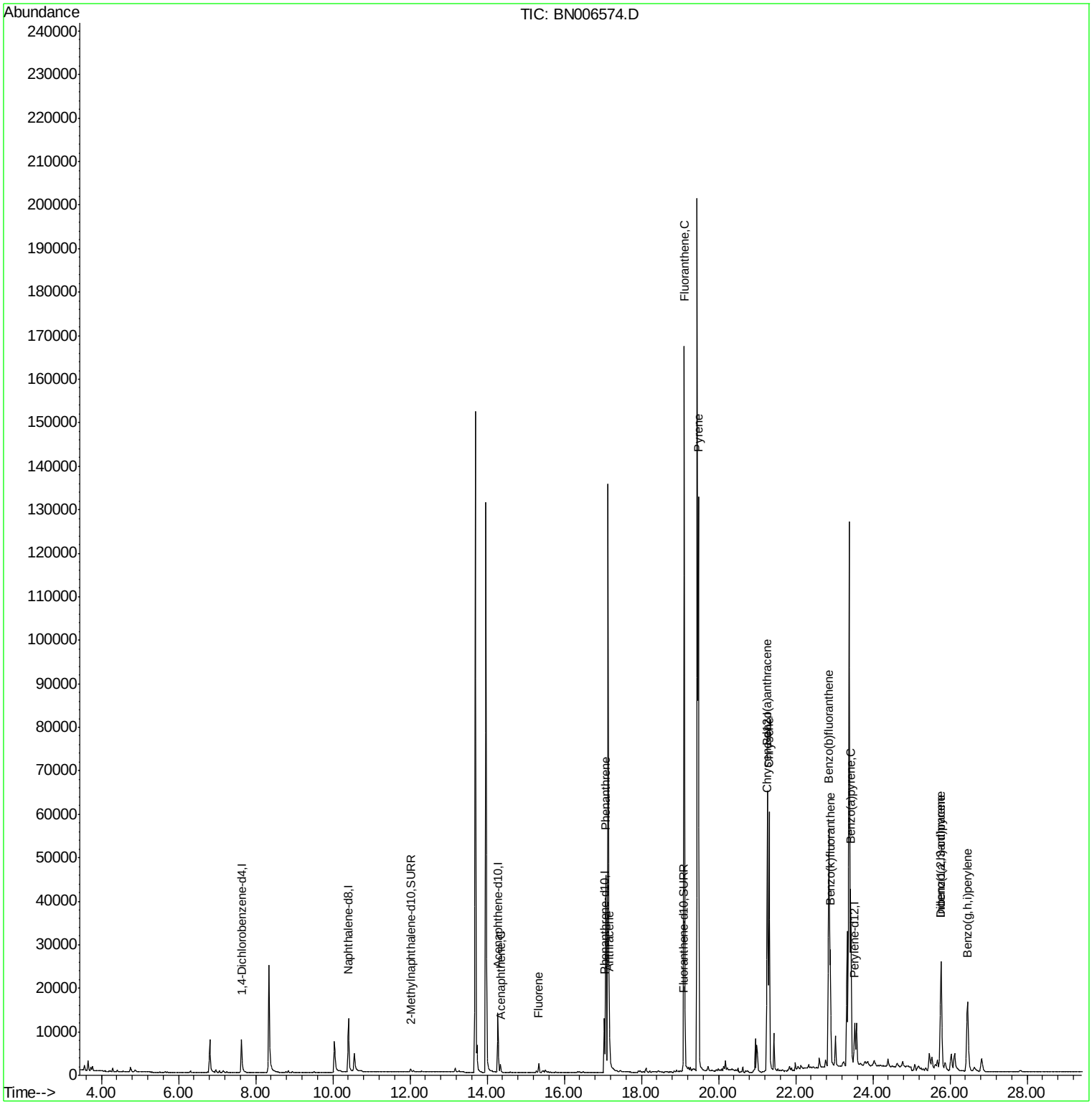

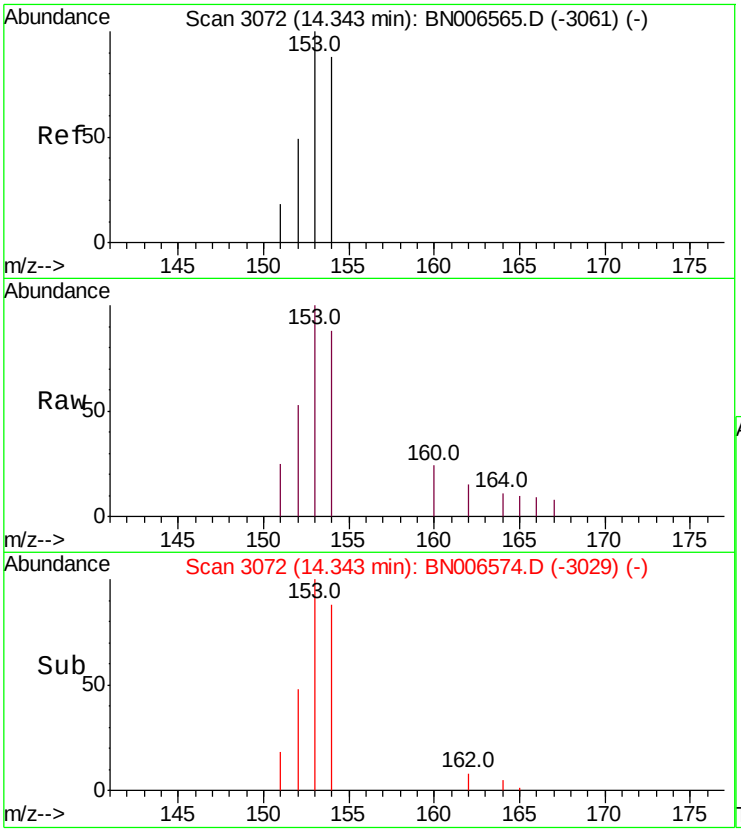

#8
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:153 Resp: 1106

Ion	Ratio	Lower	Upper
153	100		
152	53.2	39.1	58.7
154	88.4	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
A4203DL

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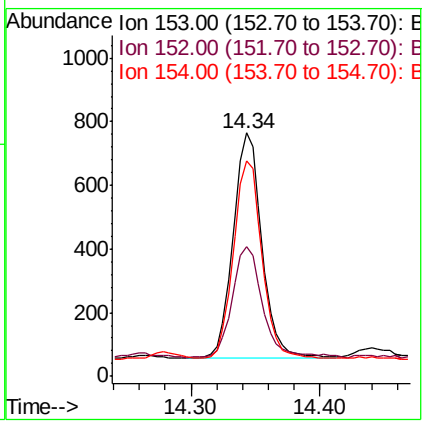
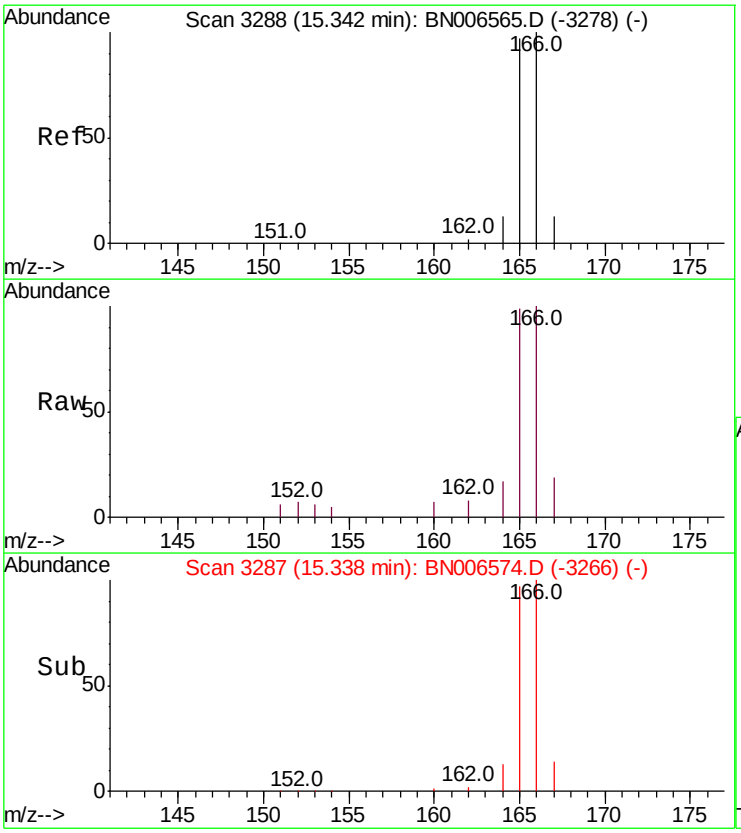
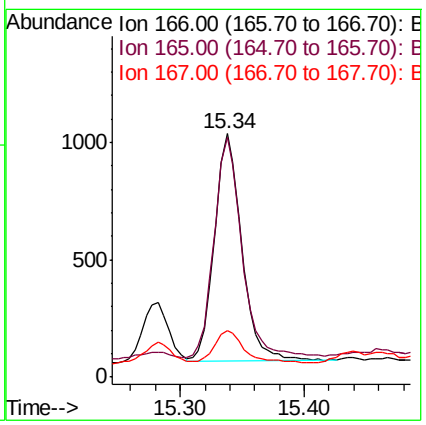


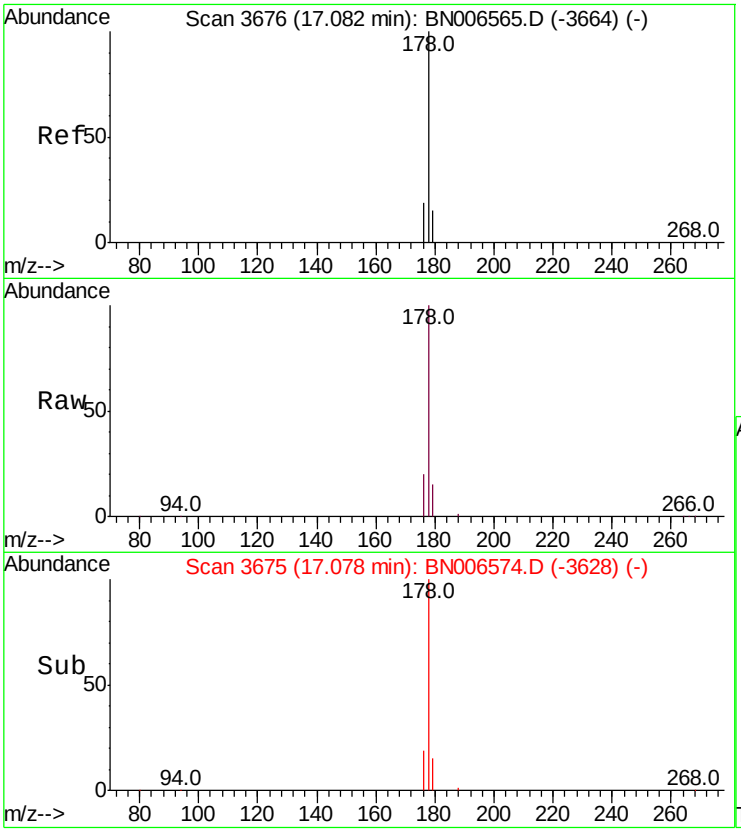


#9
Fluorene
Concen: 0.042 ng/ul
RT: 15.34 min Scan# 3287
Delta R.T. -0.00 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:166 Resp: 1473

Ion	Ratio	Lower	Upper
166	100		
165	98.6	76.4	114.6
167	18.9	11.0	16.6#

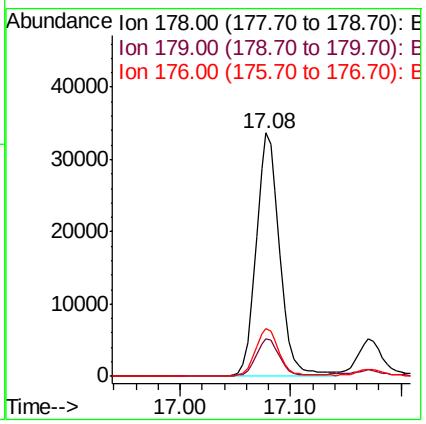




#12
Phenanthrene
Concen: 1.056 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:178 Resp: 49553

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.6	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
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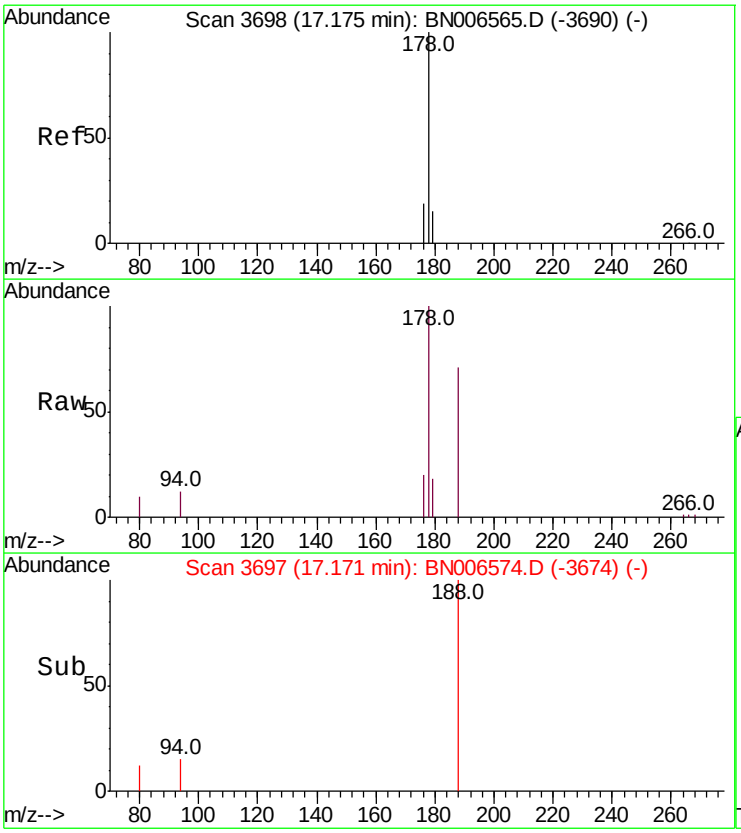
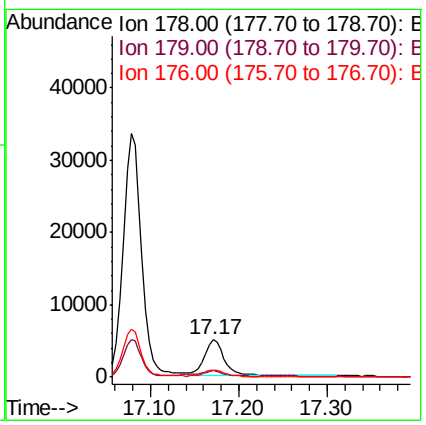
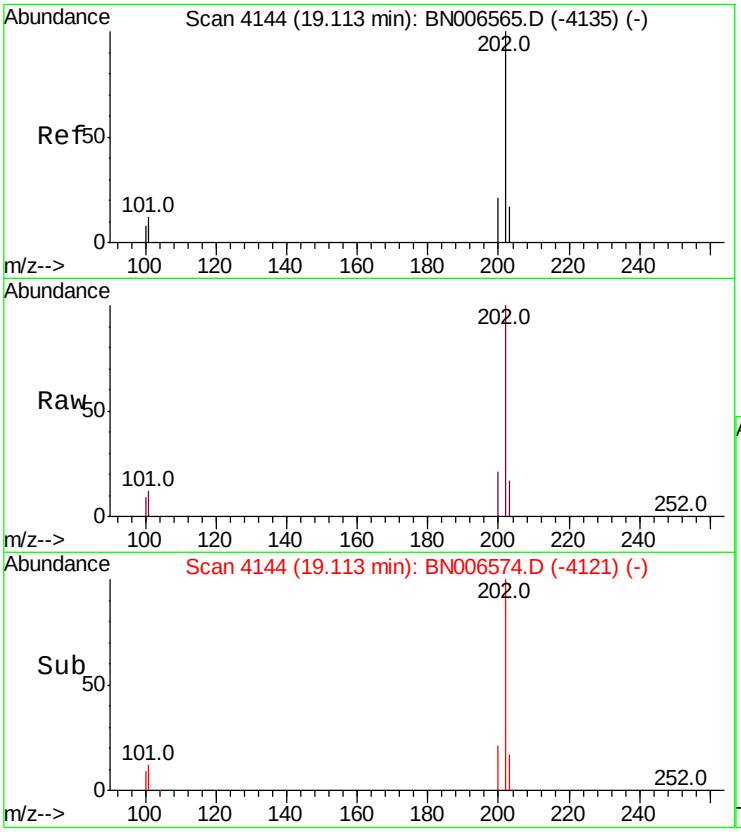


#13
Anthracene
Concen: 0.184 ng/ul
RT: 17.17 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:178 Resp: 8249

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.2	18.4
176	20.0	15.1	22.7

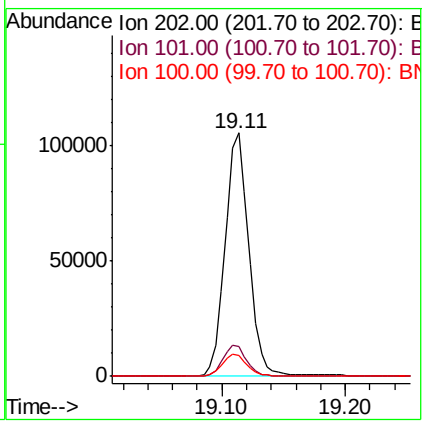




#15
Fluoranthene
Concen: 2.702 ng/ul
RT: 19.11 min Scan# 4144
Delta R.T. 0.00 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:202 Resp: 139979

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	32.1
100	8.6	0.0	28.7



Instrument :
BNA_N
ClientSampleId :
A4203DL

Manual Integrations APPROVED
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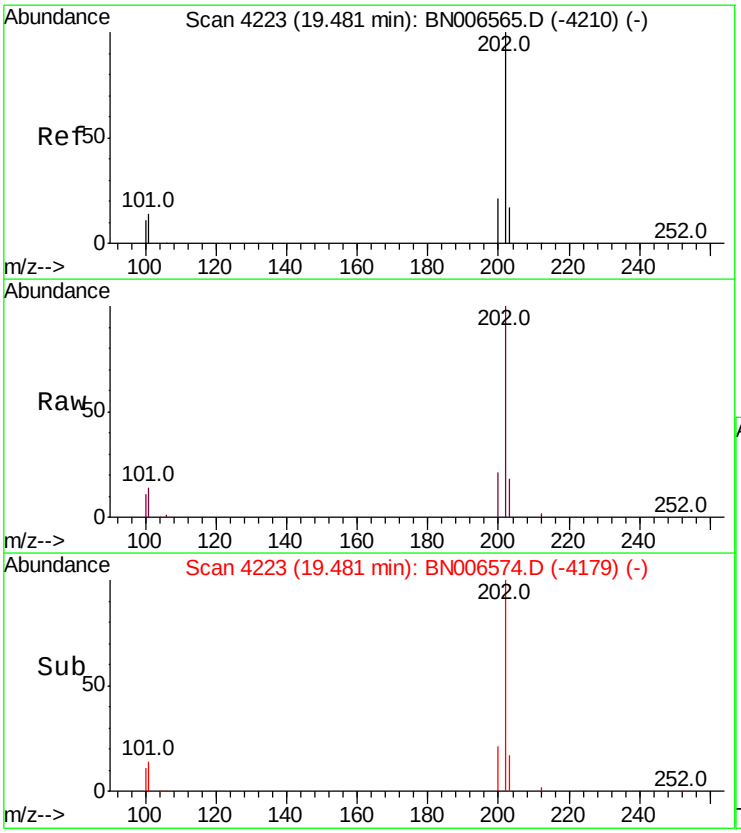
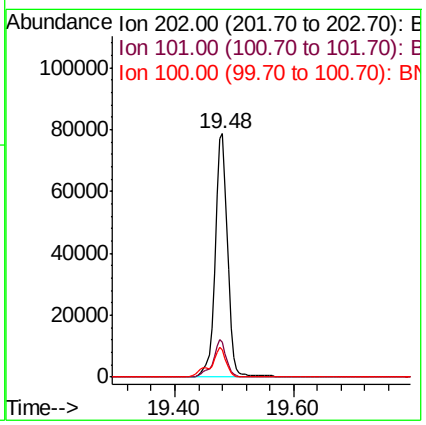
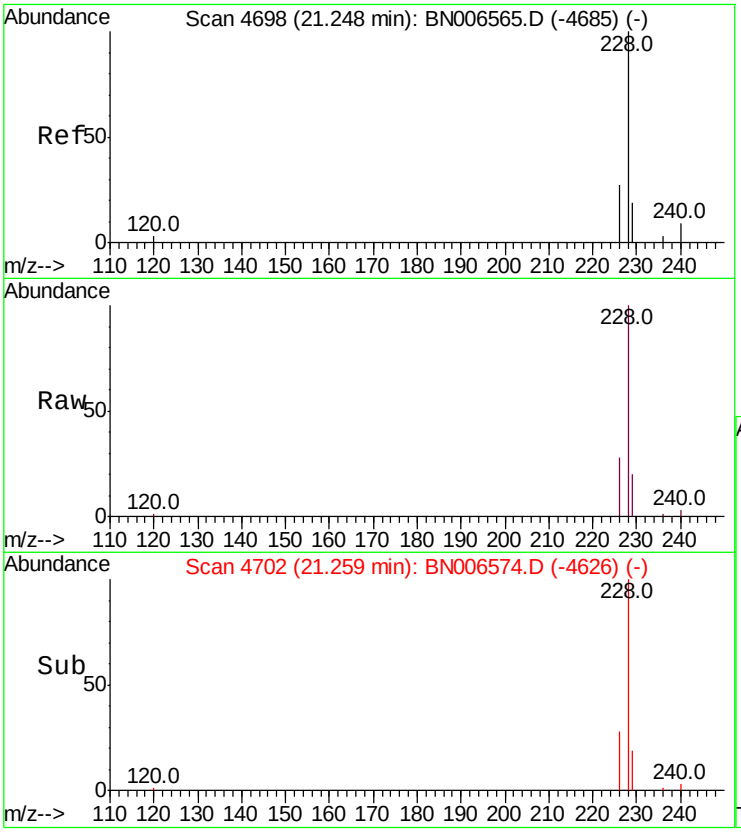


#17
Pyrene
Concen: 1.878 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. 0.00 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:202 Resp: 113694

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.2	18.2
100	11.0	9.8	14.6

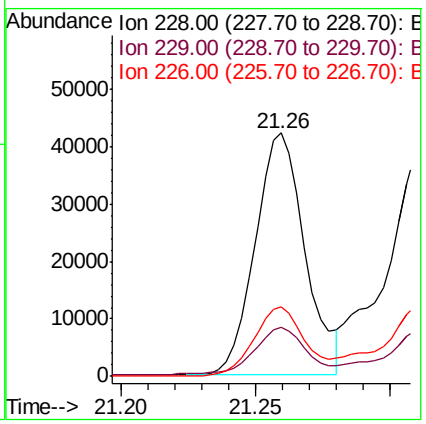




#18
Benzo(a)anthracene
Concen: 1.074 ng/ul
RT: 21.26 min Scan# 4702
Delta R.T. 0.02 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:228 Resp: 54560

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.5	24.7
226	28.5	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
A4203DL

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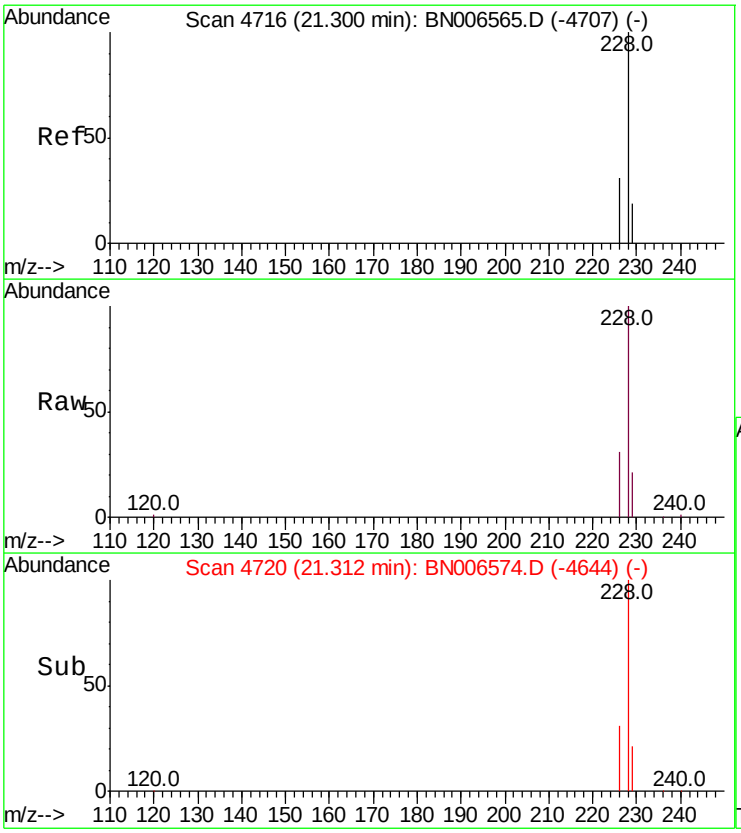
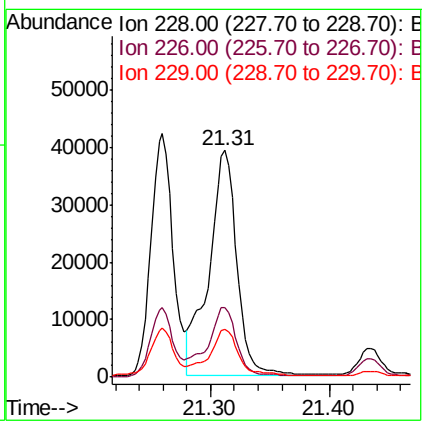
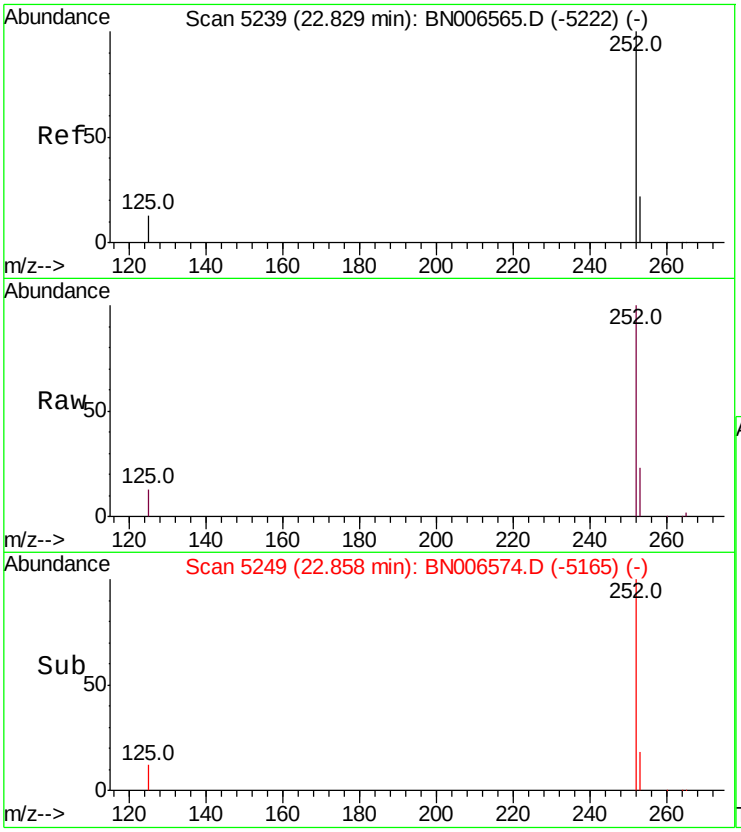


#19
Chrysene
Concen: 1.360 ng/ul
RT: 21.31 min Scan# 4720
Delta R.T. 0.02 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:228 Resp: 64883

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	21.0	16.3	24.5

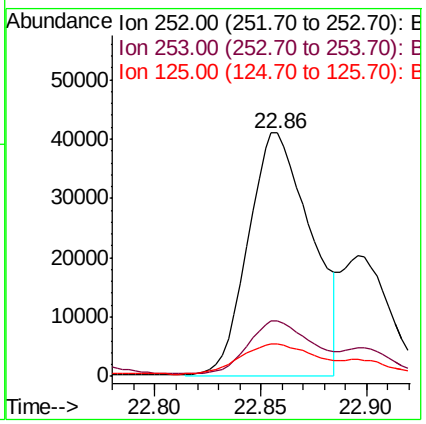




#21
Benzo(b)fluoranthene
Concen: 1.428 ng/ul m
RT: 22.86 min Scan# 5249
Delta R.T. 0.05 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:252 Resp: 84681

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	51.4
125	13.3	0.0	41.0



Instrument :
BNA_N
ClientSampleId :
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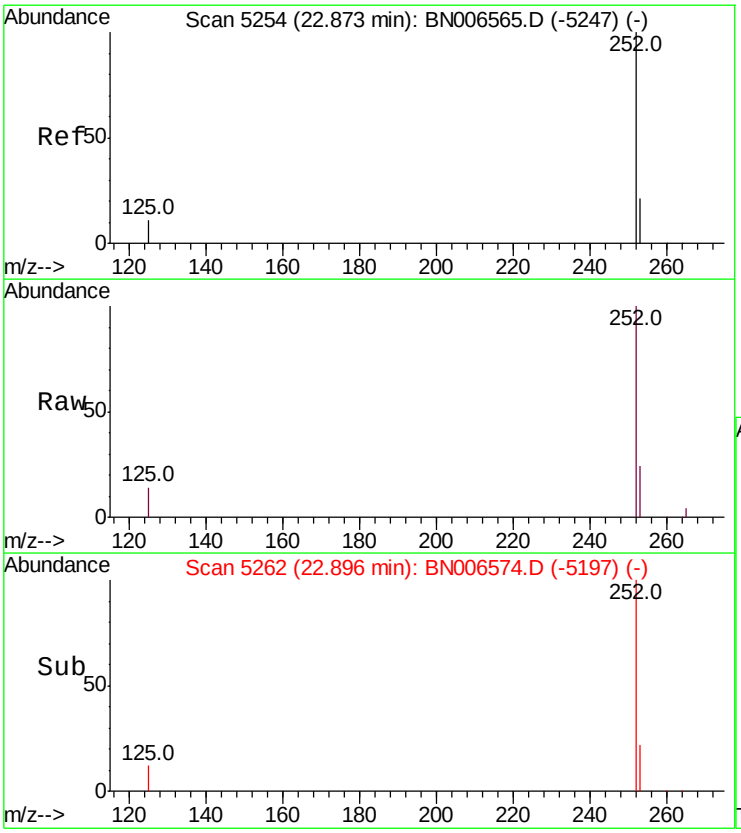
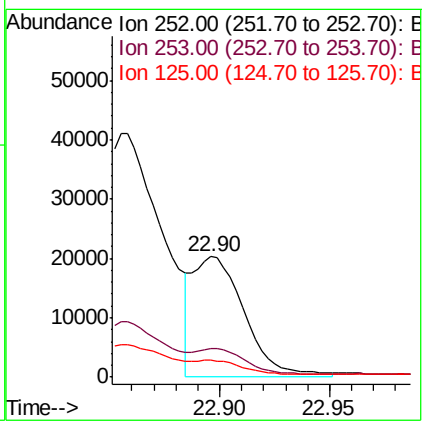
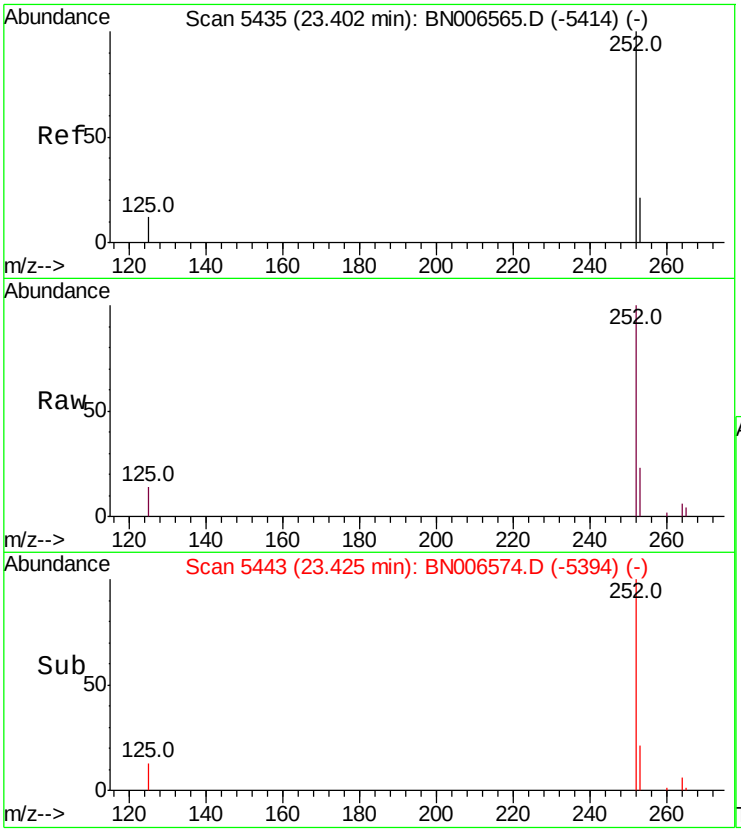


#22
Benzo(k)fluoranthene
Concen: 0.582 ng/ul m
RT: 22.90 min Scan# 5262
Delta R.T. 0.04 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:252 Resp: 33611

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.3	30.5
125	13.8	14.3	21.5#





#23
Benzo(a)pyrene
Concen: 0.978 ng/ul
RT: 23.43 min Scan# 5443
Delta R.T. 0.04 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:252 Resp: 53984

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.1	31.7
125	14.2	20.3	30.5#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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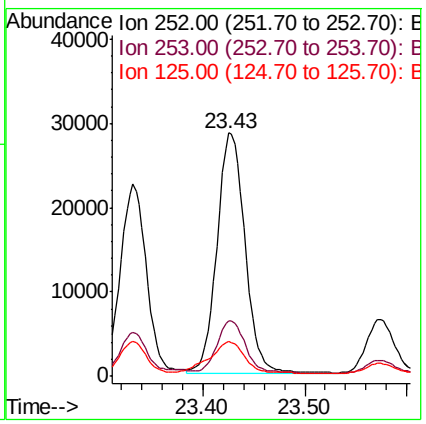
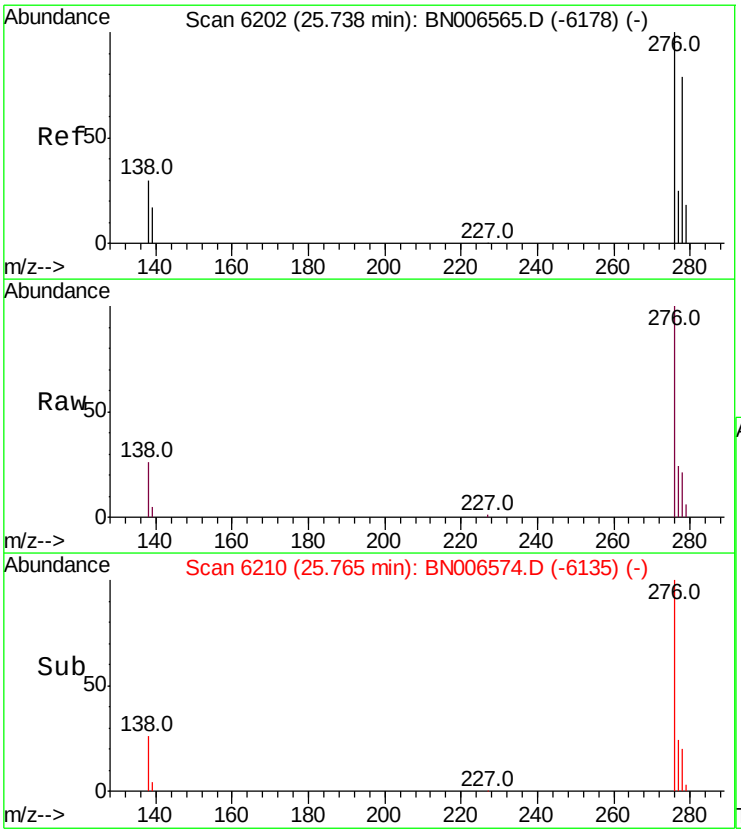
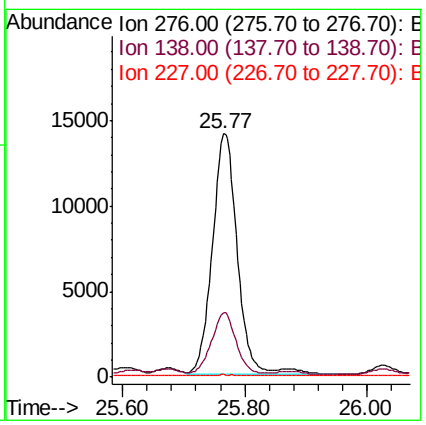


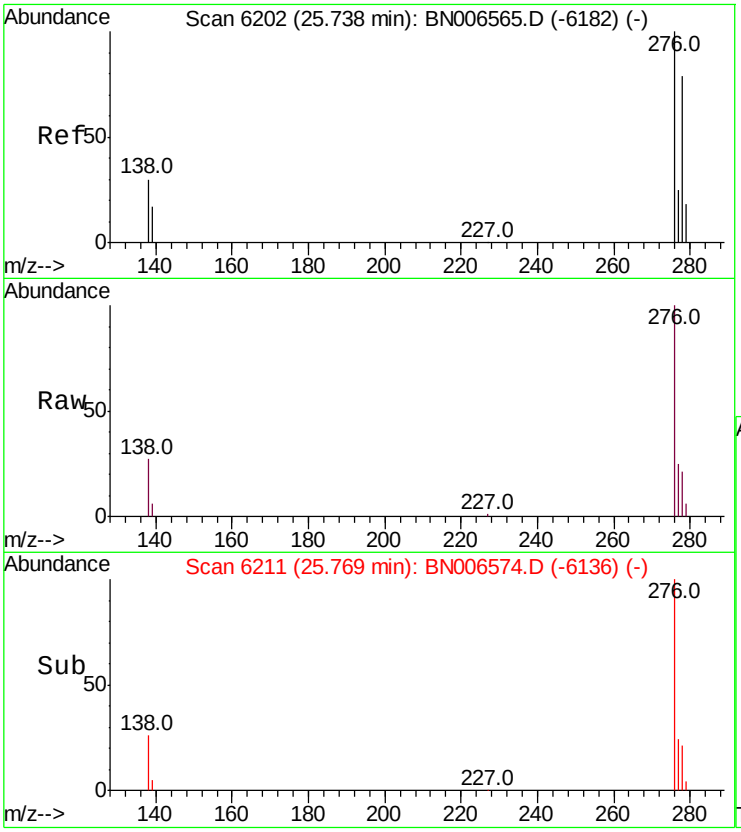


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.671 ng/ul
RT: 25.77 min Scan# 6210
Delta R.T. 0.05 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:276 Resp: 40124

Ion	Ratio	Lower	Upper
276	100		
138	24.7	25.6	38.4#
227	0.1	0.3	0.5#

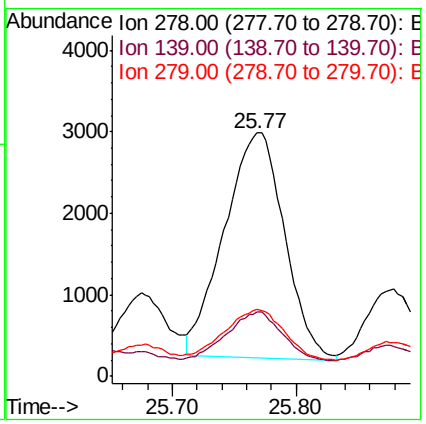




#25
Dibenzo(a,h)anthracene
Concen: 0.196 ng/ul
RT: 25.77 min Scan# 6211
Delta R.T. 0.05 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:278 Resp: 9346

Ion	Ratio	Lower	Upper
278	100		
139	26.3	21.2	31.8
279	27.4	22.6	33.8



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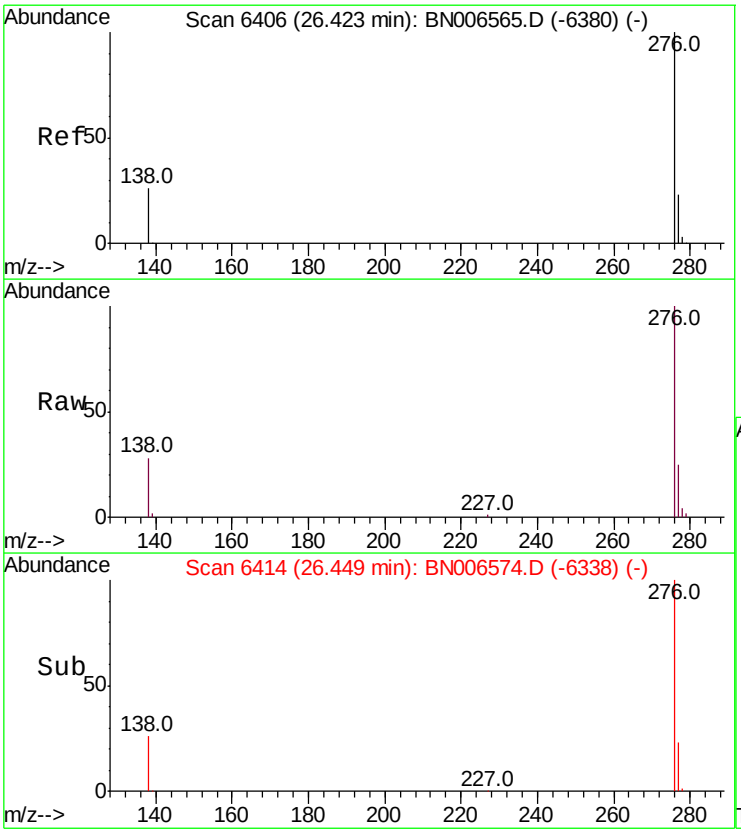

#26
Benzo(g,h,i)perylene
Concen: 0.641 ng/ul
RT: 26.45 min Scan# 6414
Delta R.T. 0.05 min
Lab File: BN006574.D
Acq: 25 Jun 2019 17:25

Tgt Ion:276 Resp: 32084

Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.2	36.4
277	24.9	21.5	32.3