Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120620\
Data File : BN012908.D
Acq On : 06 Dec 2020 08:53
Operator : CG/JU
Sample : L4859-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0B25

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Quant Time: Dec 07 02:43:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN120320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 02:16:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1295	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	5191	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.06	164	3060	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.81	188	6696	0.40	ng/ul	0.00
16) Chrysene-d12	21.03	240	5919	0.40	ng/ul	0.00
20) Perylene-d12	23.14	264	6245	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	1180	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.86	212	2930	0.16	ng/ul	0.00
Target Compounds						Qvalue
11) Pentachlorophenol	16.48	266	53	0.027	ng/ul	87
12) Phenanthrene	16.85	178	4122	0.184	ng/ul	99
13) Anthracene	16.95	178	774	0.041	ng/ul#	90
15) Fluoranthene	18.89	202	12079	0.453	ng/ul	97
17) Pyrene	19.25	202	12015	0.430	ng/ul	98
18) Benzo(a)anthracene	21.02	228	5486	0.224	ng/ul	98
19) Chrysene	21.07	228	6550	0.242	ng/ul	98
21) Benzo(b)fluoranthene	22.52	252	9366m	0.324	ng/ul	
22) Benzo(k)fluoranthene	22.55	252	3446m	0.108	ng/ul	
23) Benzo(a)pyrene	23.04	252	6141m	0.229	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.20	276	4381	0.124	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.20	278	1096	0.039	ng/ul#	64
26) Benzo(g,h,i)perylene	25.82	276	4035	0.127	ng/ul	97

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

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QLast Update : Mon Dec 07 02:16:16 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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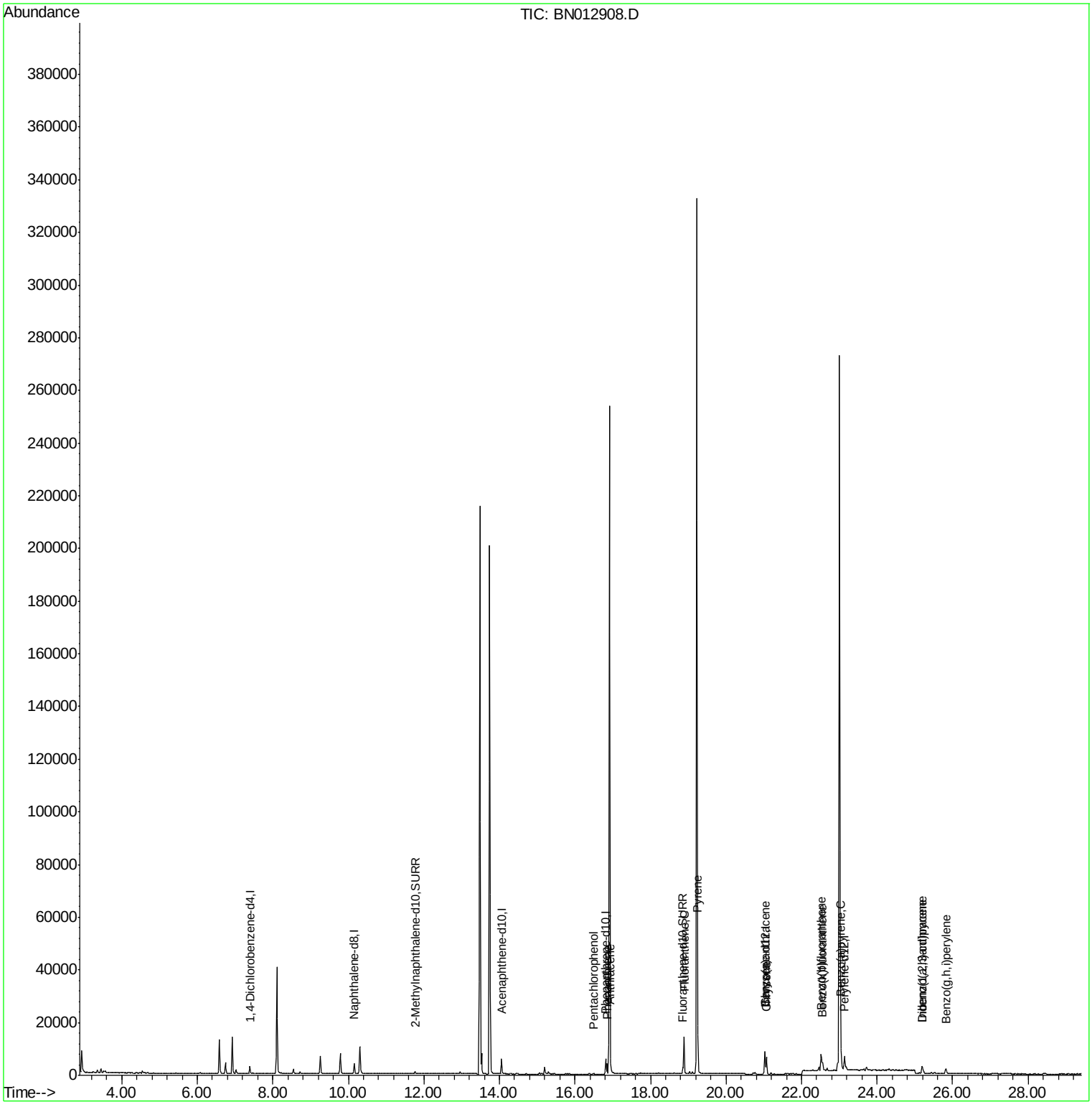
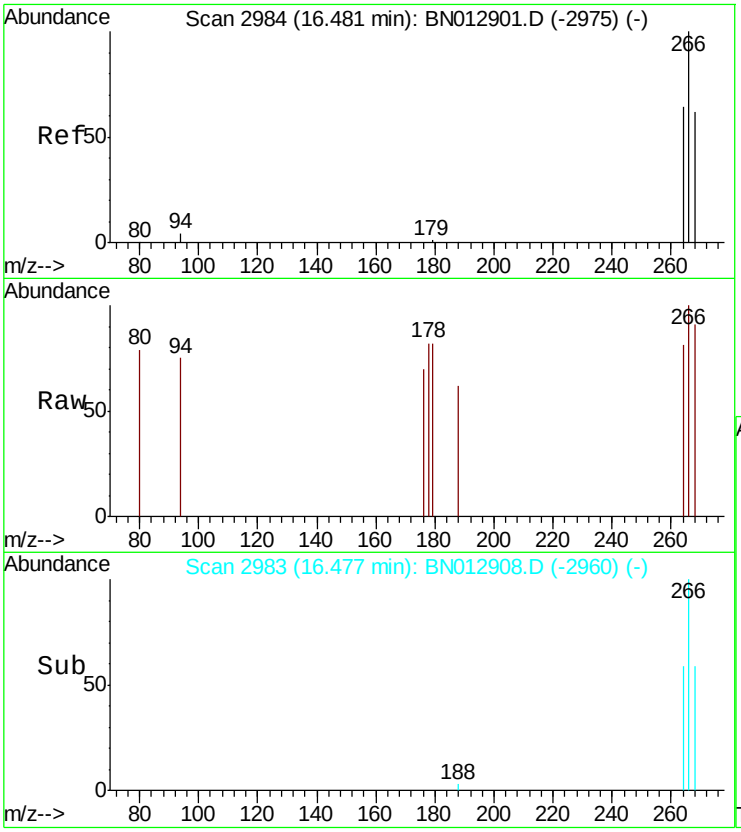
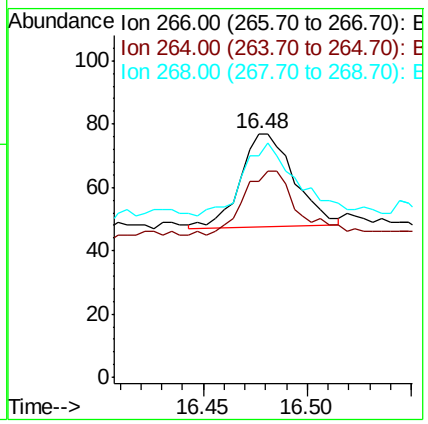




#11
Pentachlorophenol
Concen: 0.027 ng/ul
RT: 16.48 min Scan# 2983
Delta R.T. -0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:266 Resp: 53

Ion	Ratio	Lower	Upper
266	100		
264	73.6	51.5	77.3
268	81.1	56.0	84.0



Instrument :
BNA_N
ClientSampleId :
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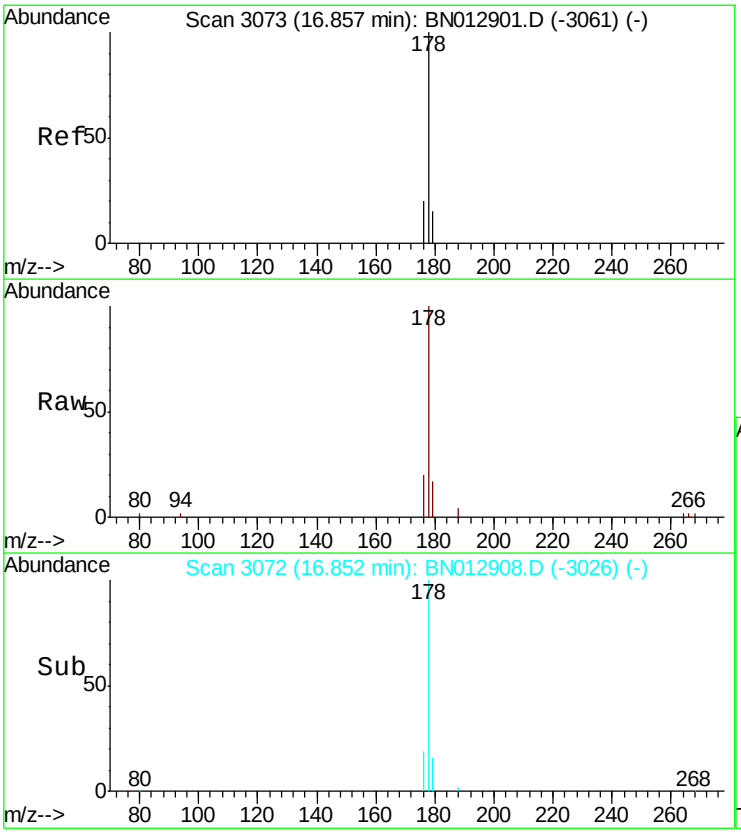
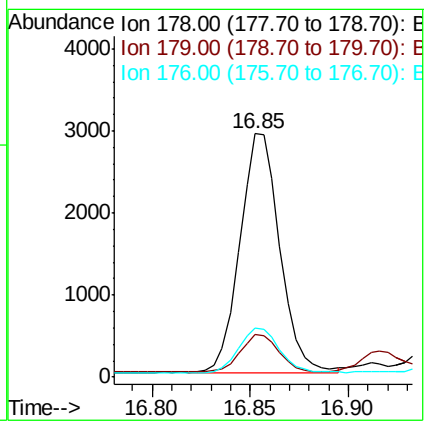
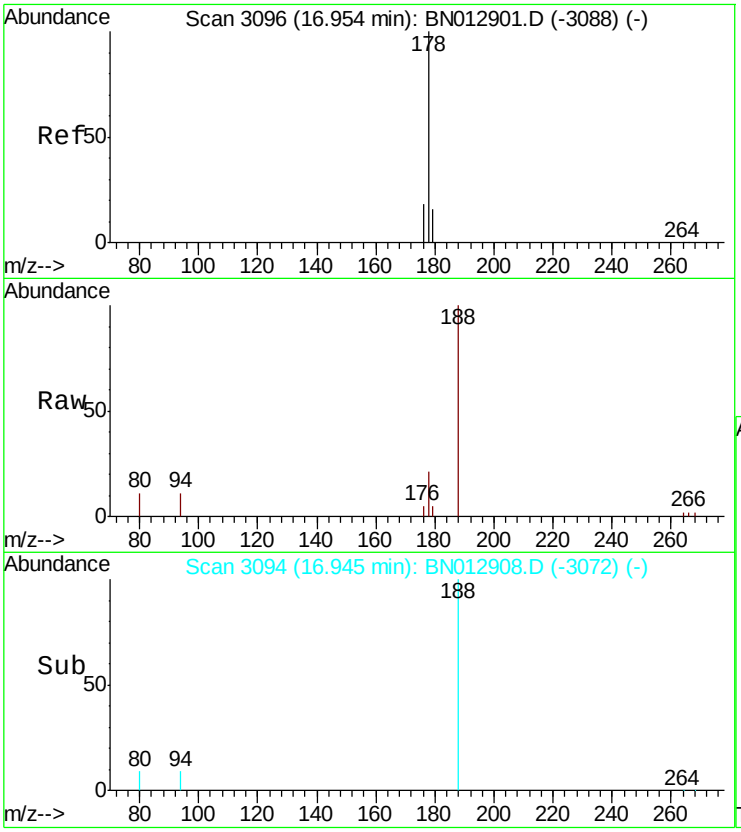


#12
Phenanthrene
Concen: 0.184 ng/ul
RT: 16.85 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:178 Resp: 4122

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.6	20.4
176	20.3	16.4	24.6





#13
Anthracene
Concen: 0.041 ng/ul
RT: 16.95 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:178 Resp: 774

Ion	Ratio	Lower	Upper
178	100		
179	25.0	14.6	21.8#
176	24.0	17.1	25.7

Instrument :
BNA_N
ClientSampleId :
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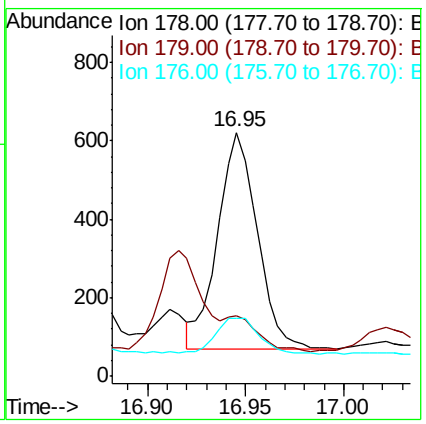
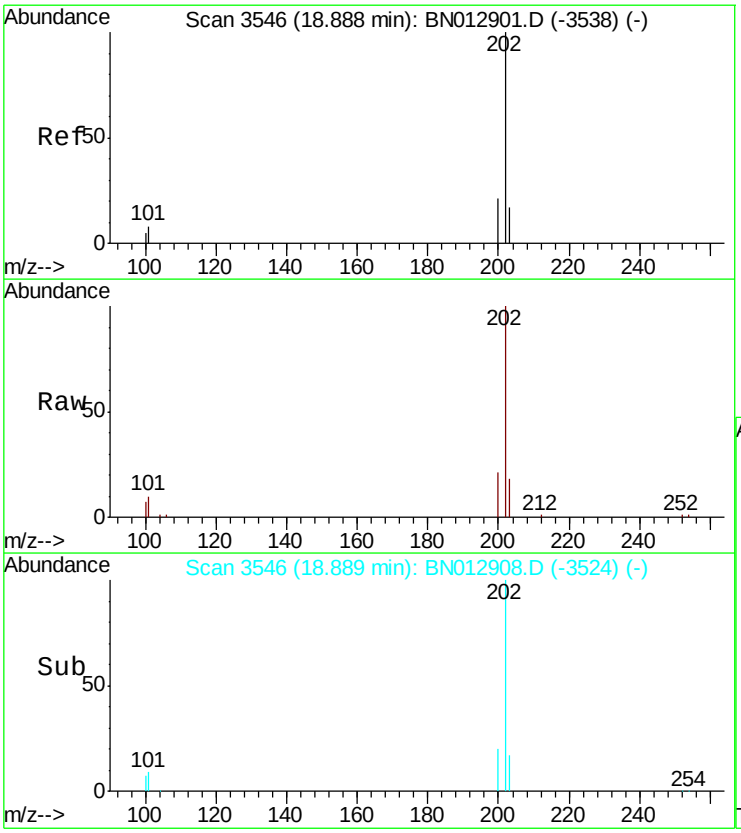
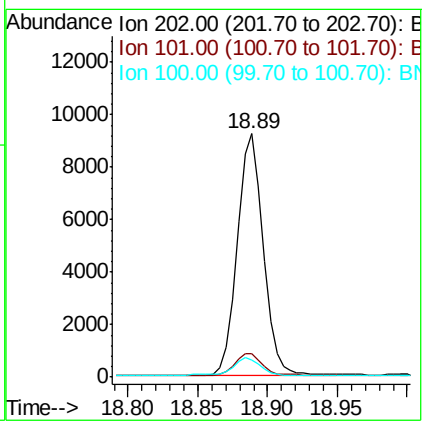


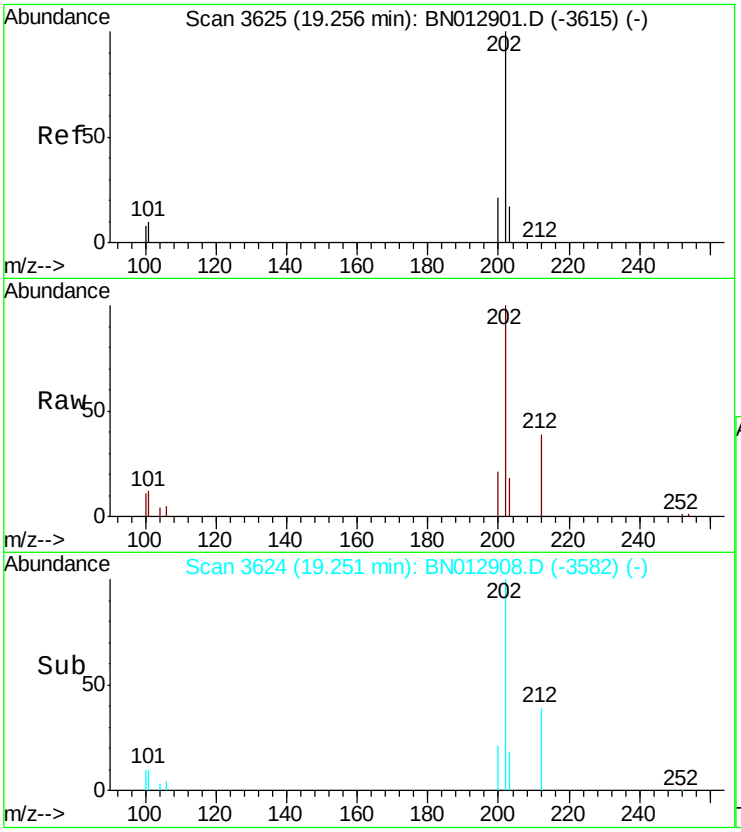


#15
Fluoranthene
Concen: 0.453 ng/ul
RT: 18.89 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:202 Resp: 12079

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.6
100	7.2	0.0	28.7





#17
Pyrene
Concen: 0.430 ng/ul
RT: 19.25 min Scan# 3624
Delta R.T. -0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:202 Resp: 12015

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.1	13.7
100	10.6	7.5	11.3

Instrument :
BNA_N
ClientSampleId :
C0B25

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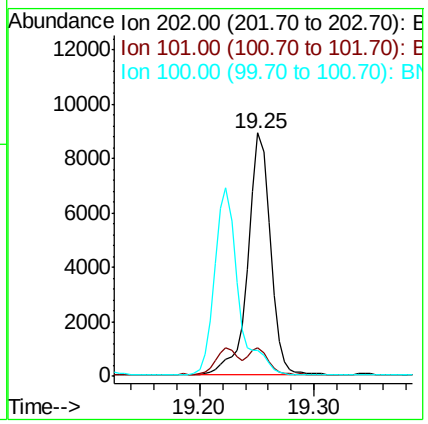
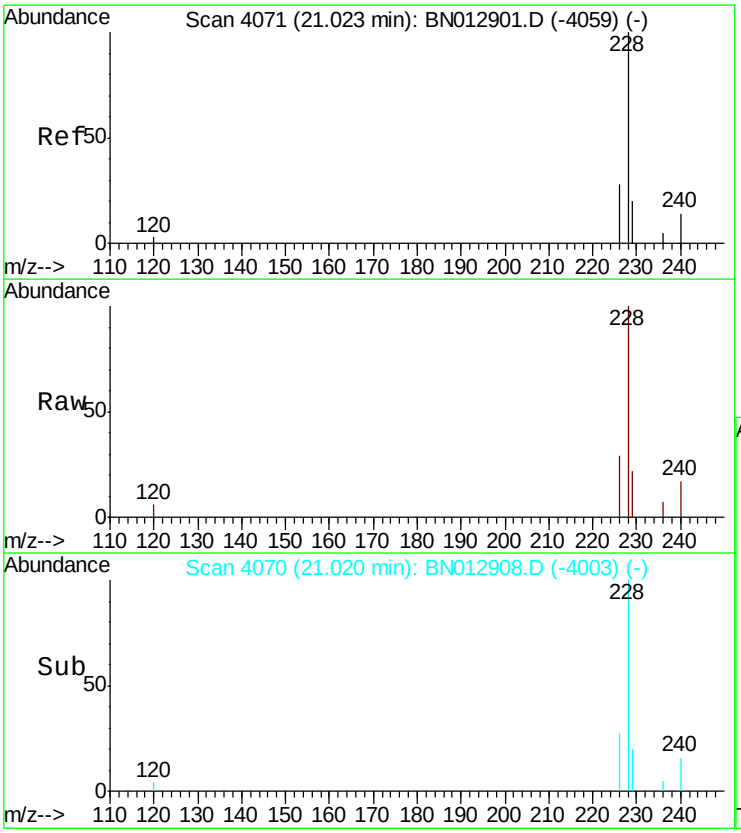
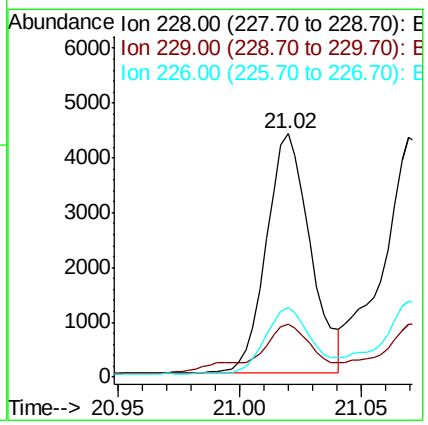


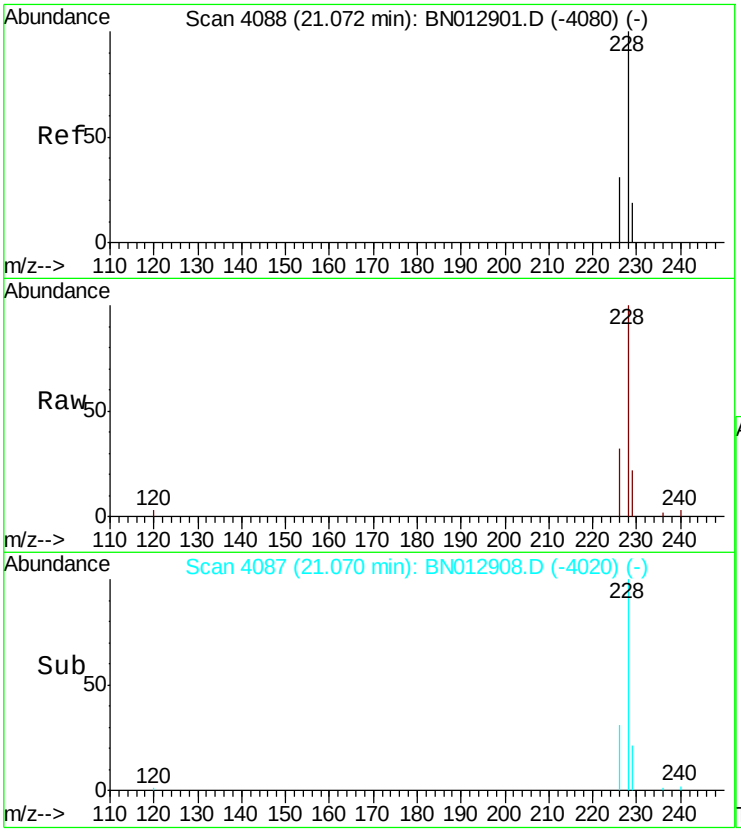


#18
Benzo(a)anthracene
Concen: 0.224 ng/ul
RT: 21.02 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:228 Resp: 5486

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.3	24.5
226	28.6	23.4	35.2

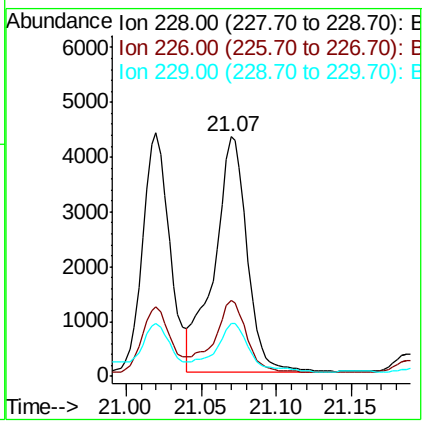




#19
Chrysene
Concen: 0.242 ng/ul
RT: 21.07 min Scan# 4087
Delta R.T. -0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:228 Resp: 6550

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	22.3	16.4	24.6



Instrument :
BNA_N
ClientSampleId :
C0B25

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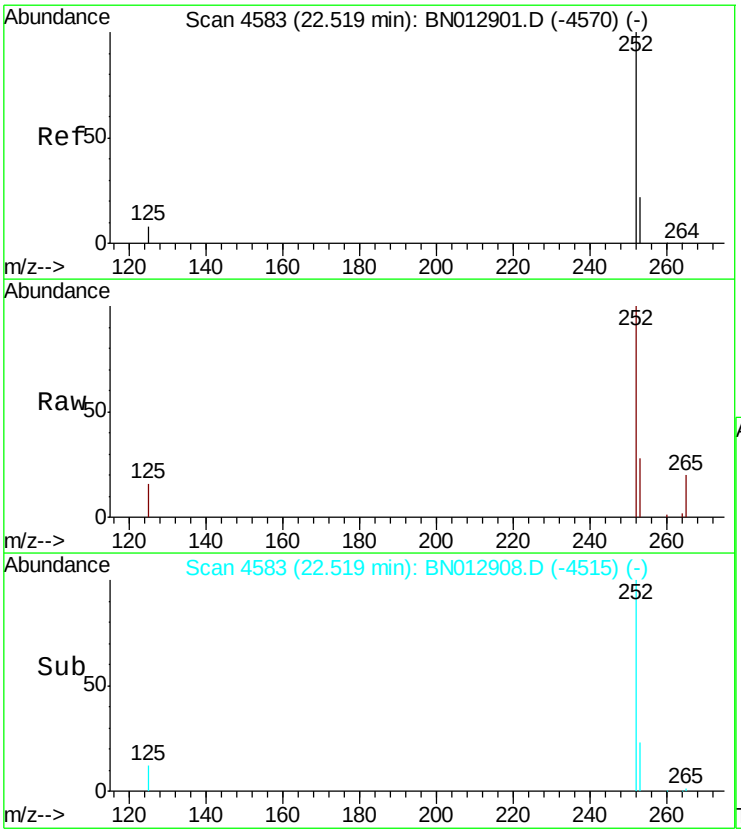
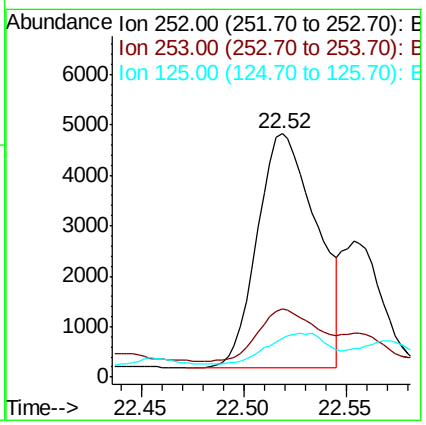
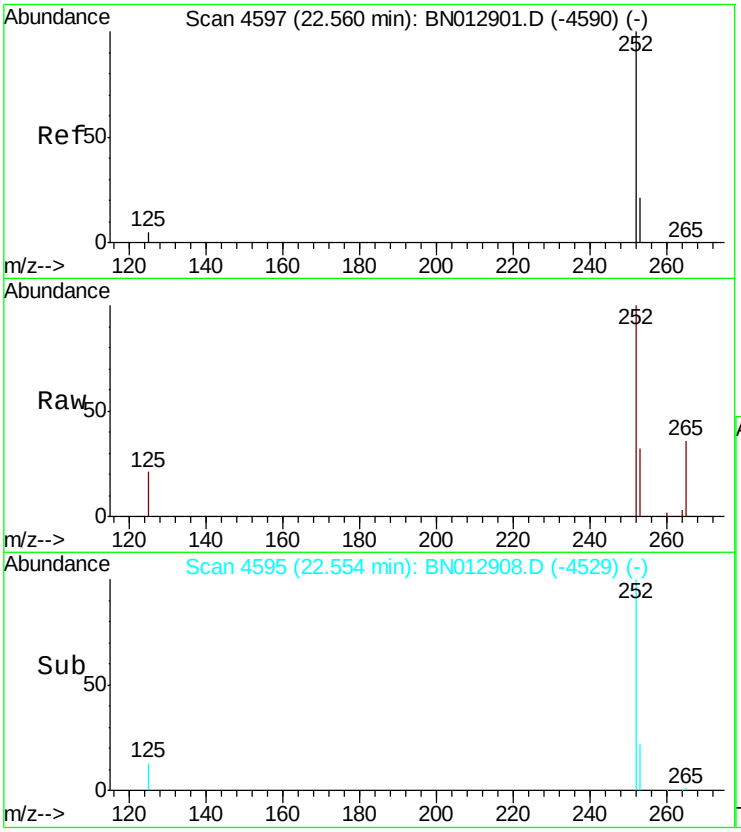


#21
Benzo(b)fluoranthene
Concen: 0.324 ng/ul m
RT: 22.52 min Scan# 4583
Delta R.T. 0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:252 Resp: 9366

Ion	Ratio	Lower	Upper
252	100		
253	28.3	0.0	59.6
125	16.1	0.0	26.0





#22
Benzo(k)fluoranthene
Concen: 0.108 ng/ul m
RT: 22.55 min Scan# 4595
Delta R.T. -0.01 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:252 Resp: 3446

Ion	Ratio	Lower	Upper
252	100		
253	32.2	23.4	35.2
125	20.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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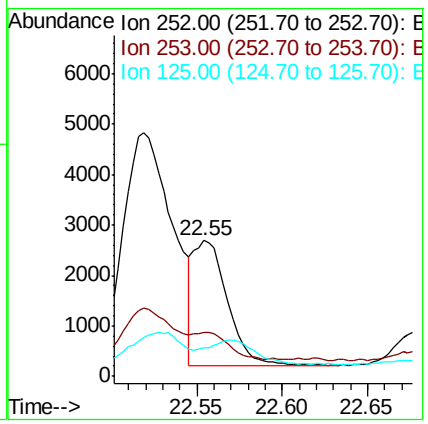
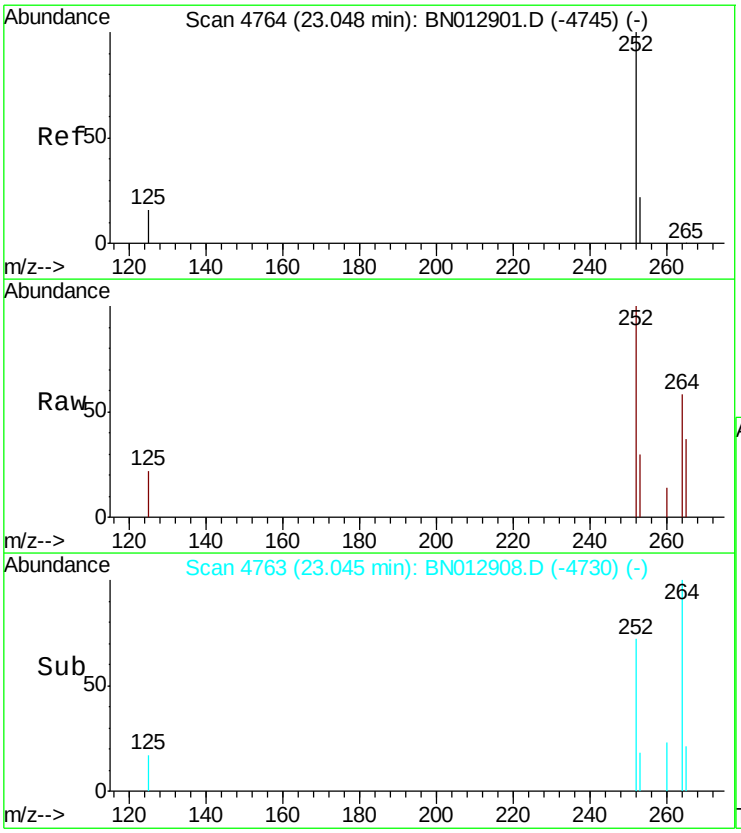
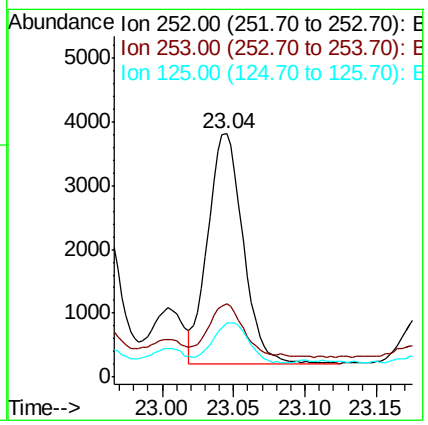


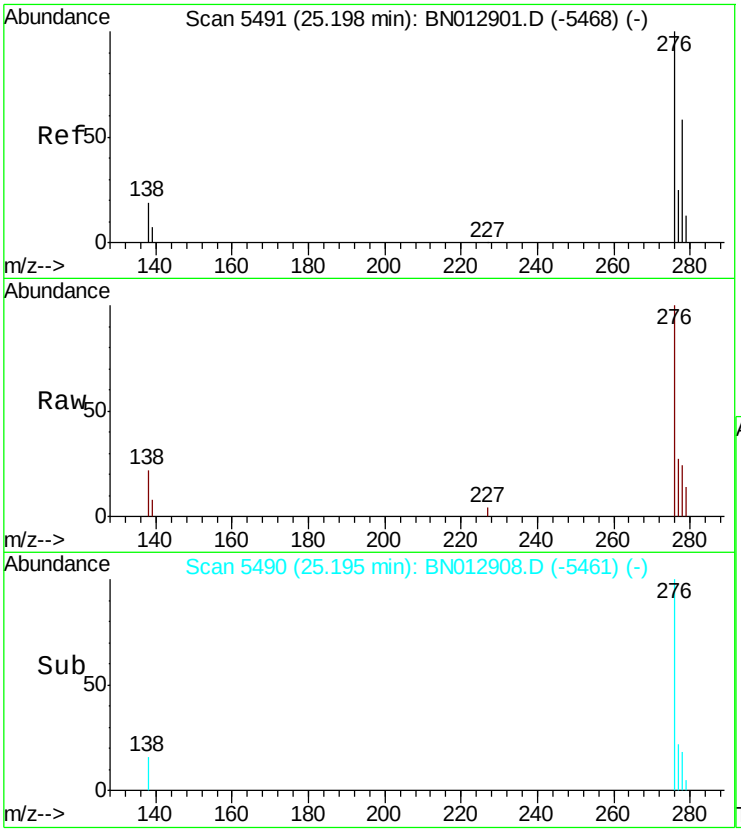


#23
Benzo(a)pyrene
Concen: 0.229 ng/ul m
RT: 23.04 min Scan# 4763
Delta R.T. -0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:252 Resp: 6141

Ion	Ratio	Lower	Upper
252	100		
253	30.1	26.5	39.7
125	22.3	14.2	21.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.124 ng/ul
RT: 25.20 min Scan# 5490
Delta R.T. -0.00 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:276 Resp: 4381

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.2	24.2
227	0.1	0.0	0.0#

Instrument :
BNA_N
ClientSampleId :
C0B25

Manual Integrations APPROVED
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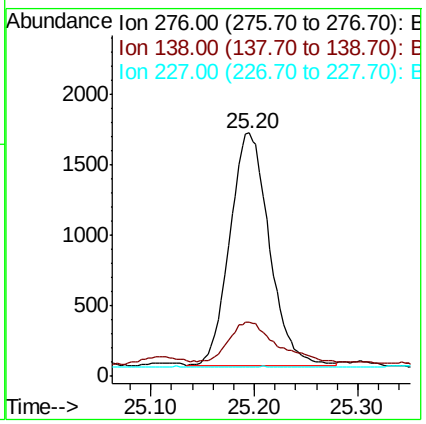
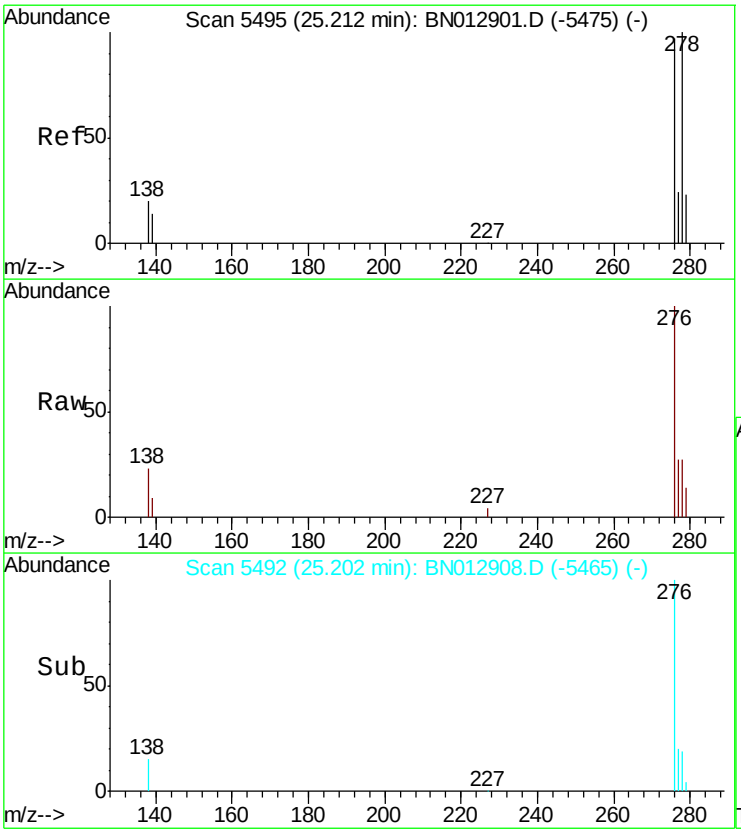
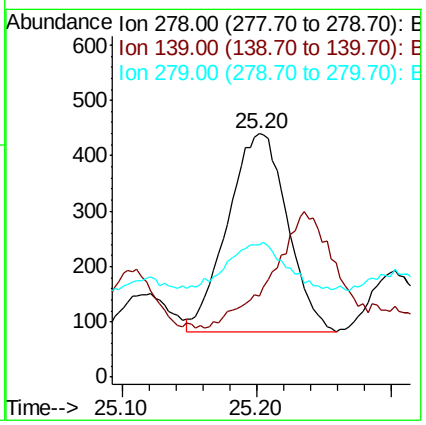


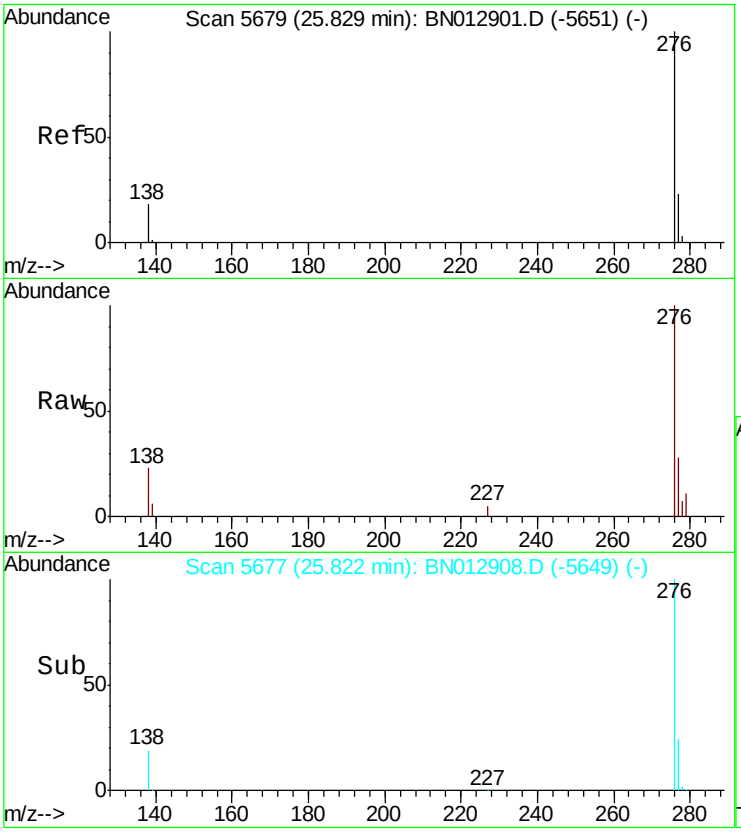


#25
Dibenzo(a,h)anthracene
Concen: 0.039 ng/ul
RT: 25.20 min Scan# 5492
Delta R.T. -0.01 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:278 Resp: 1096

Ion	Ratio	Lower	Upper
278	100		
139	33.4	14.5	21.7#
279	54.1	26.3	39.5#

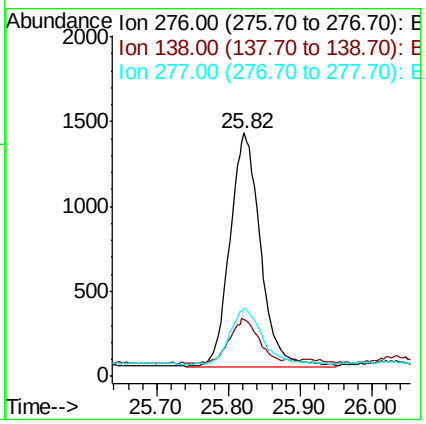




#26
Benzo(g,h,i)perylene
Concen: 0.127 ng/ul
RT: 25.82 min Scan# 5677
Delta R.T. -0.01 min
Lab File: BN012908.D
Acq: 06 Dec 2020 08:53

Tgt Ion:276 Resp: 4035

Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.3	24.5
277	27.8	21.8	32.6



Instrument :
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ClientSampleId :
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