Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006557.D
Acq On : 25 Jun 2019 06:25
Operator : HP/JU
Sample : K3388-04MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4216MS

Manual Integrations APPROVED
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Quant Time: Jun 25 07:48:06 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 01:51:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5564	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	20831	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	10299	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	20509	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	11446	0.40	ng/ul	0.00
20) Perylene-d12	23.48	264	12444	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	4194	0.13	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	7891	0.14	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.34	153	6477	0.163	ng/ul	99
11) Pentachlorophenol	16.72	266	407	0.078	ng/ul	97
12) Phenanthrene	17.08	178	7547	0.115	ng/ul	97
15) Fluoranthene	19.11	202	18727	0.258	ng/ul	96
17) Pyrene	19.47	202	27107	0.450	ng/ul	99
18) Benzo(a)anthracene	21.24	228	5365	0.106	ng/ul#	84
19) Chrysene	21.29	228	7292	0.153	ng/ul#	87
21) Benzo(b)fluoranthene	22.82	252	9441m	0.182	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	3346m	0.066	ng/ul	
23) Benzo(a)pyrene	23.39	252	5548	0.115	ng/ul#	73
24) Indeno(1,2,3-cd)pyrene	25.72	276	4764	0.091	ng/ul#	84
25) Dibenzo(a,h)anthracene	25.72	278	1144	0.027	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	4293	0.098	ng/ul#	73

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

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Misc :
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Instrument :
BNA_N
ClientSampleId :
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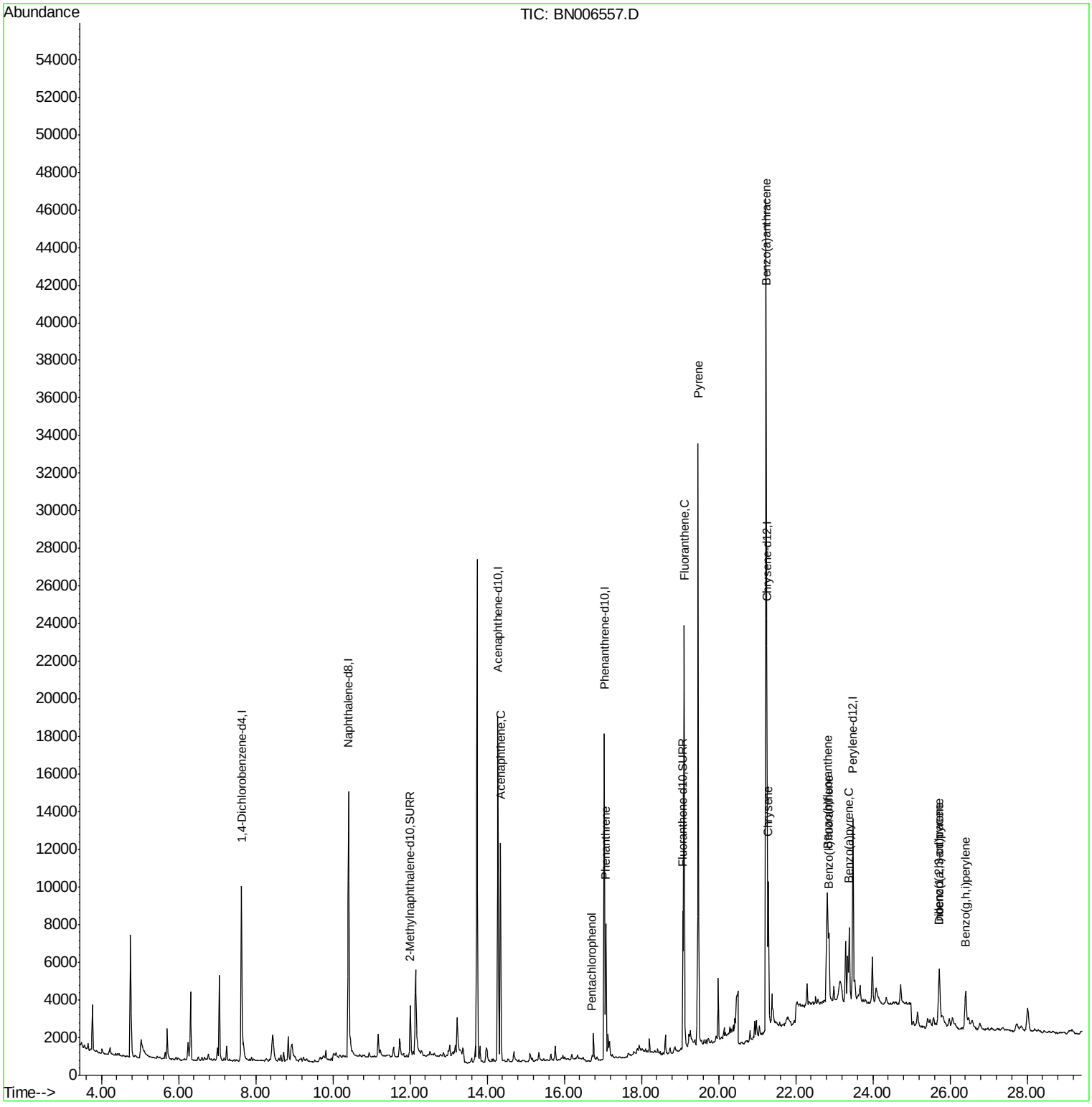

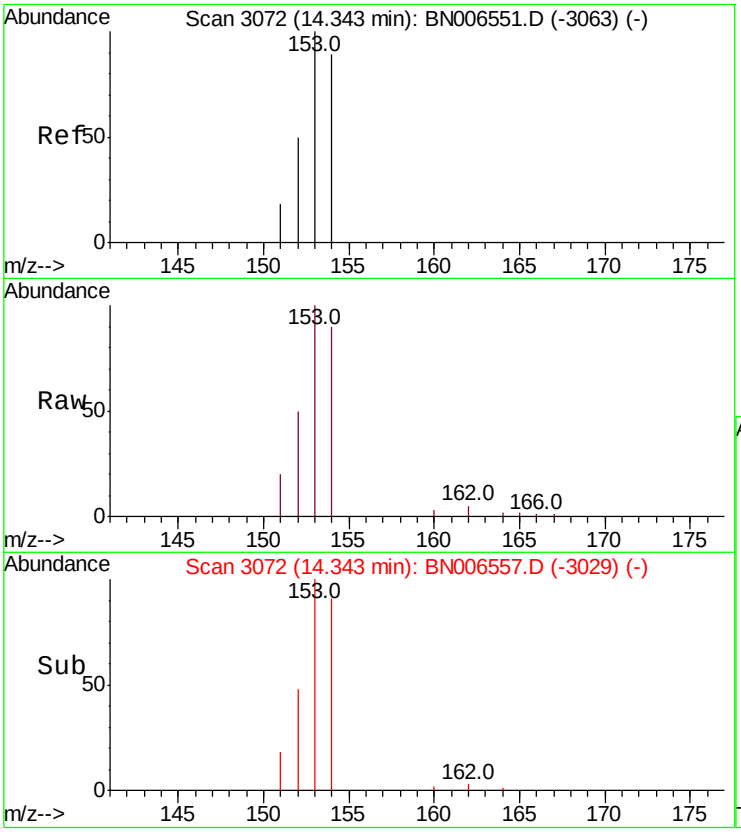

#8
Acenaphthene
Concen: 0.163 ng/ul
RT: 14.34 min Scan# 3072
Delta R.T. 0.00 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:153 Resp: 6477

Ion	Ratio	Lower	Upper
153	100		
152	49.7	39.1	58.7
154	90.5	71.1	106.7

Instrument :
BNA_N
ClientSampleId :
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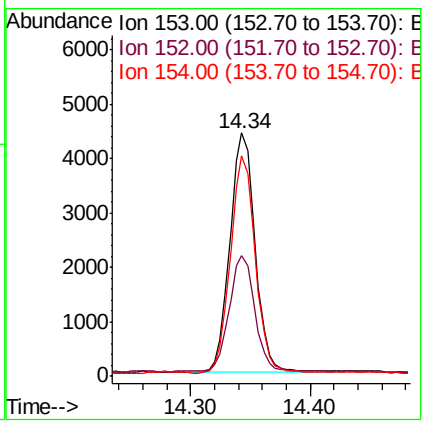
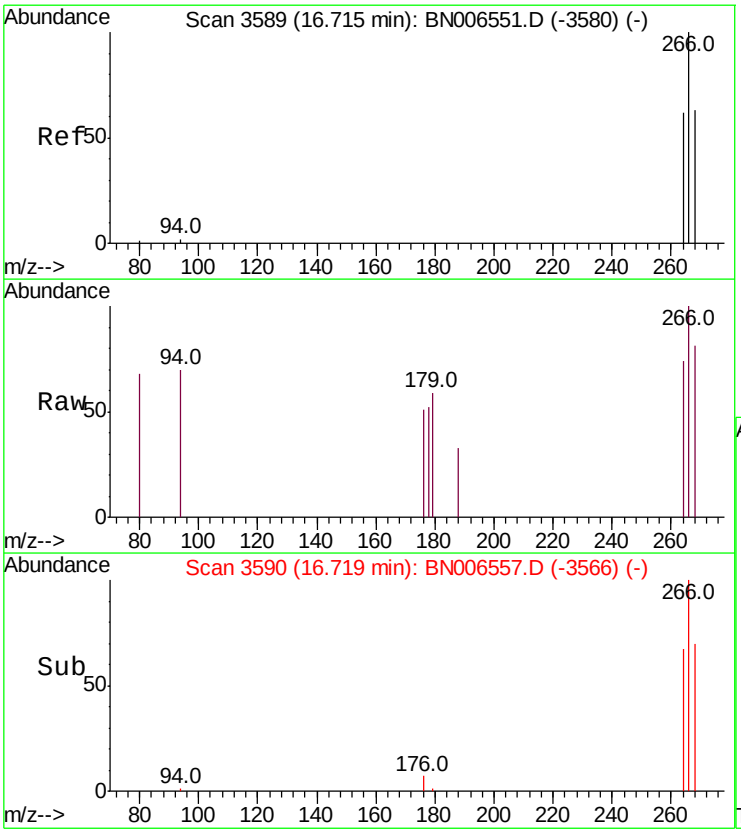
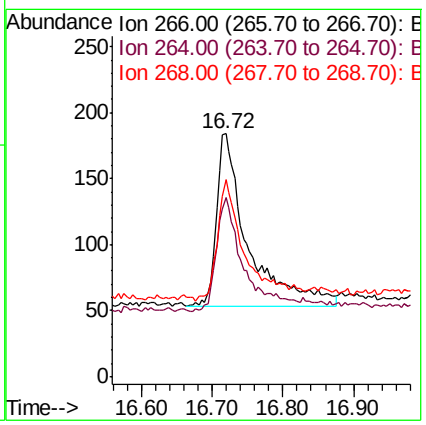


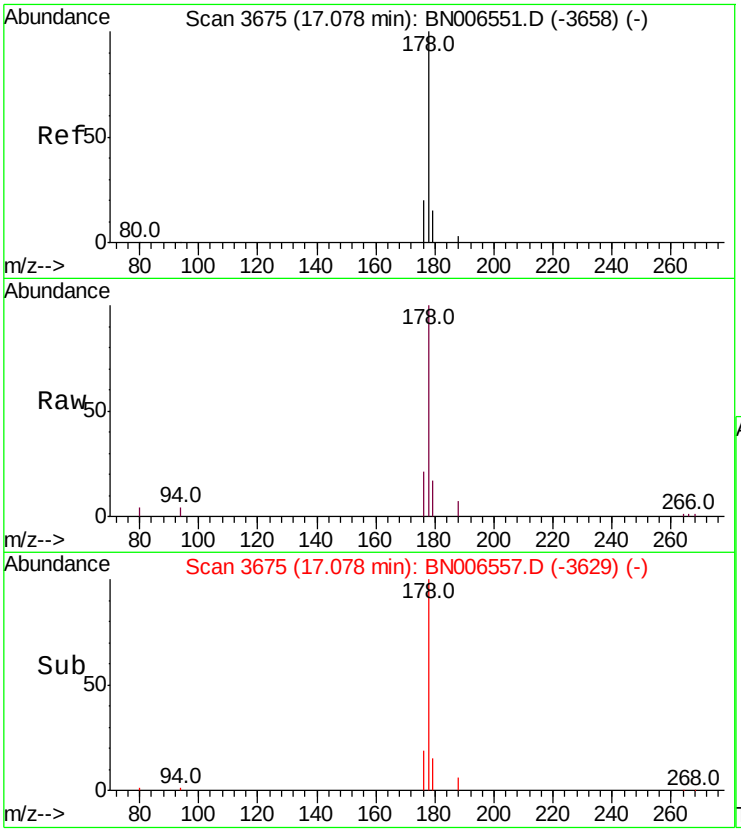


#11
Pentachlorophenol
Concen: 0.078 ng/ul
RT: 16.72 min Scan# 3590
Delta R.T. 0.00 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:266 Resp: 407

Ion	Ratio	Lower	Upper
266	100		
264	58.7	50.3	75.5
268	63.9	51.3	76.9

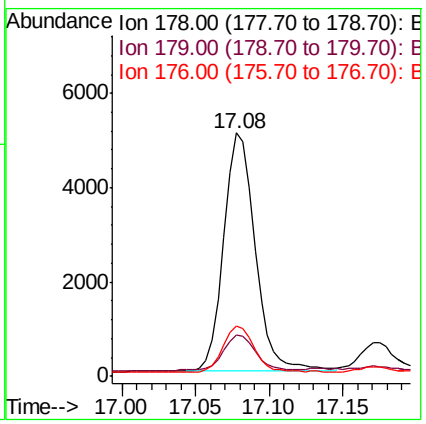




#12
Phenanthrene
Concen: 0.115 ng/ul
RT: 17.08 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:178 Resp: 7547

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	20.6	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
A4216MS

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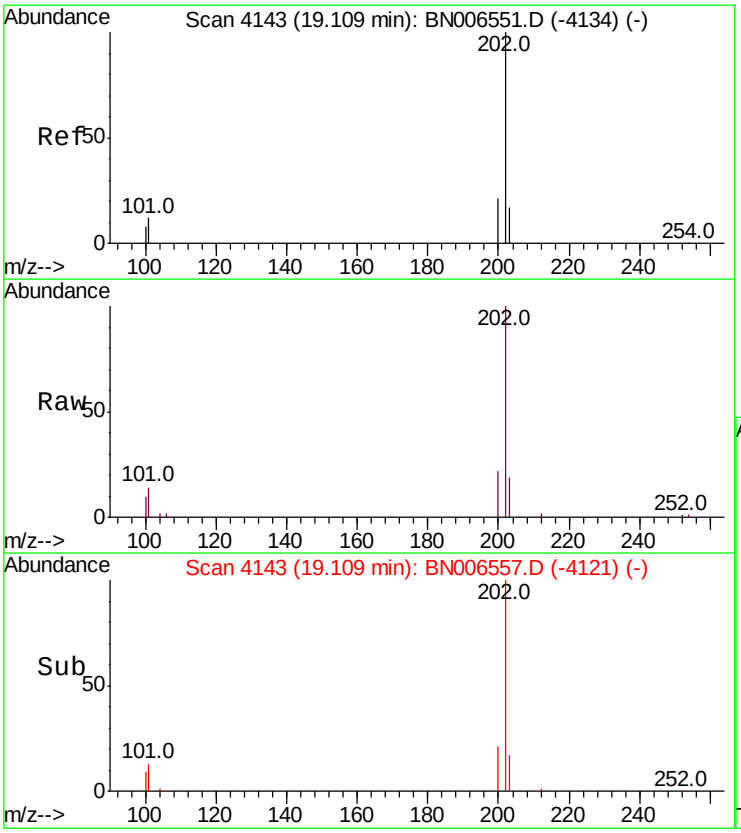
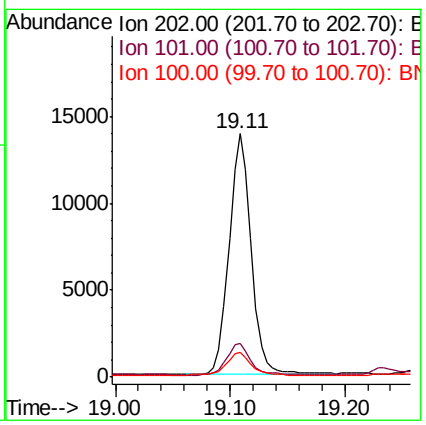
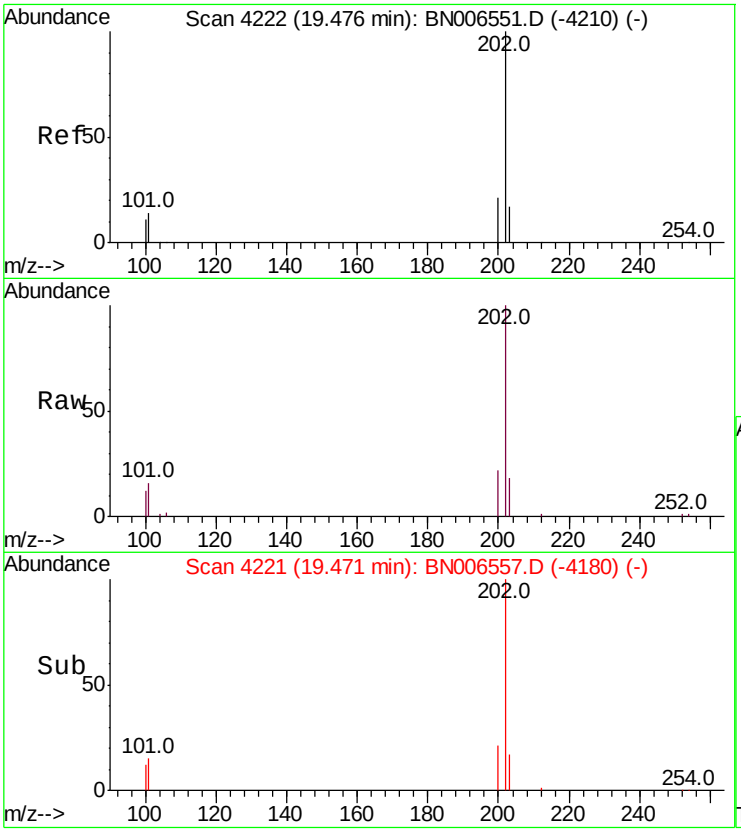


#15
Fluoranthene
Concen: 0.258 ng/ul
RT: 19.11 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:202 Resp: 18727

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	10.0	0.0	28.7





#17
Pyrene
Concen: 0.450 ng/ul
RT: 19.47 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:202 Resp: 27107

Ion	Ratio	Lower	Upper
202	100		
101	15.8	12.2	18.2
100	12.3	9.8	14.6

Instrument :
BNA_N
ClientSampleId :
A4216MS

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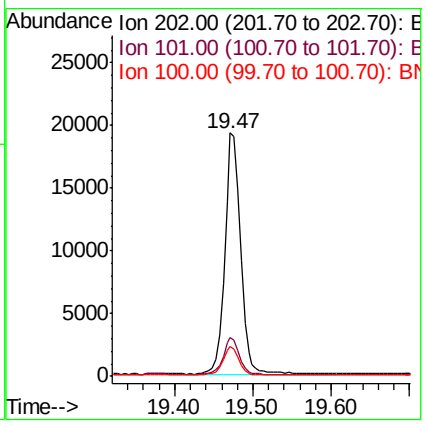
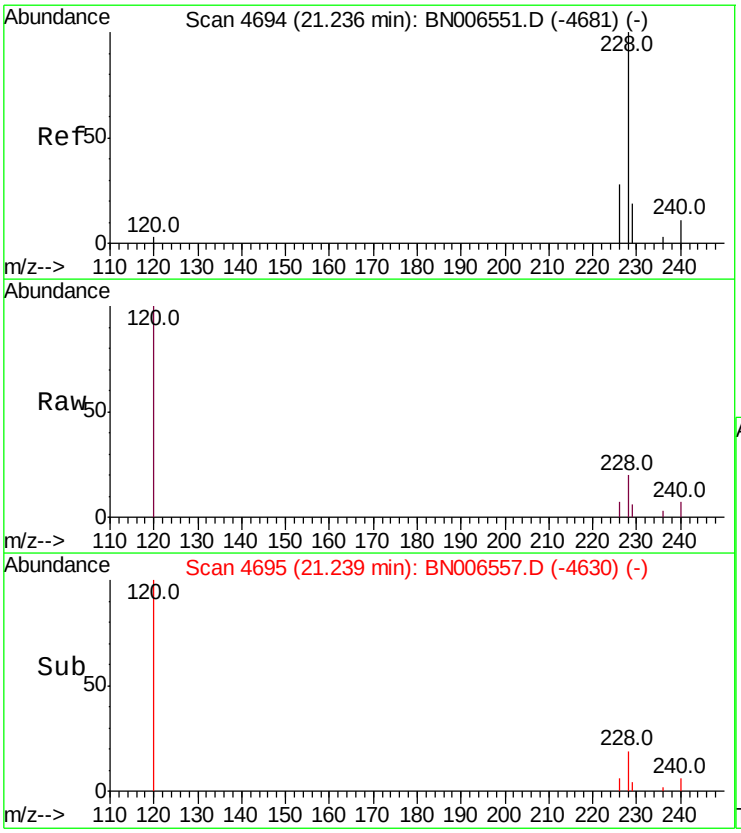
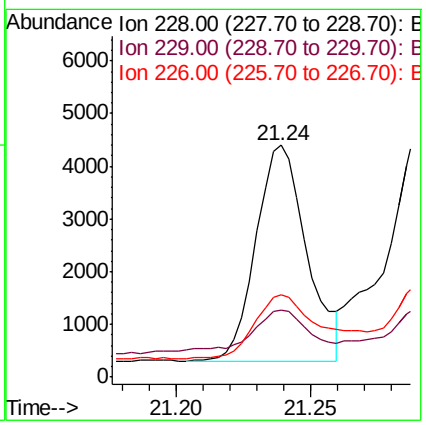


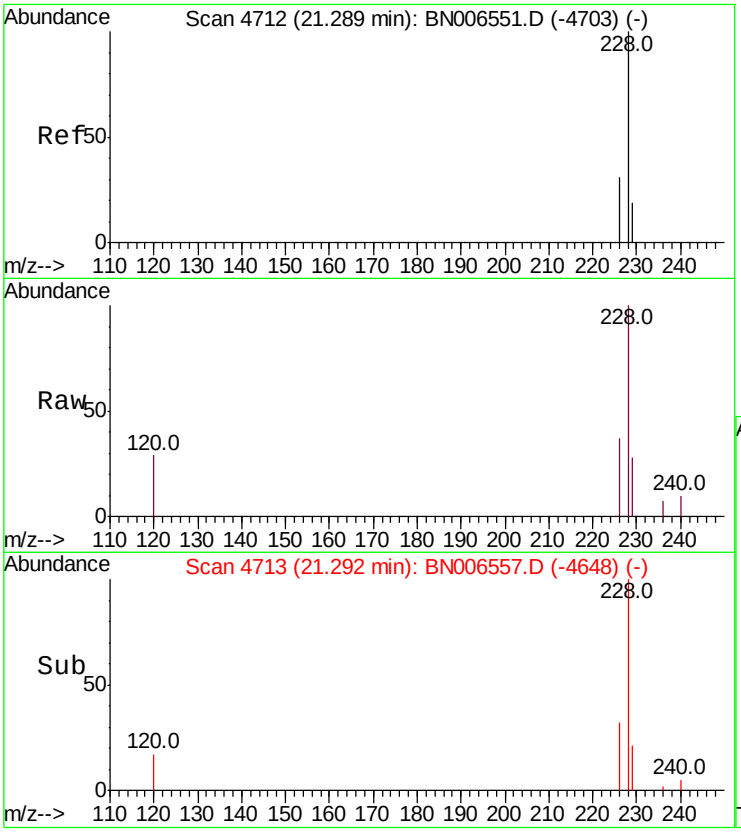


#18
Benzo(a)anthracene
Concen: 0.106 ng/ul
RT: 21.24 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:228 Resp: 5365

Ion	Ratio	Lower	Upper
228	100		
229	29.1	16.5	24.7#
226	35.7	22.8	34.2#





#19
Chrysene
Concen: 0.153 ng/ul
RT: 21.29 min Scan# 4713
Delta R.T. -0.01 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:228 Resp: 7292

Ion	Ratio	Lower	Upper
228	100		
226	36.7	25.0	37.6
229	28.1	16.3	24.5#

Instrument :
BNA_N
ClientSampleId :
A4216MS

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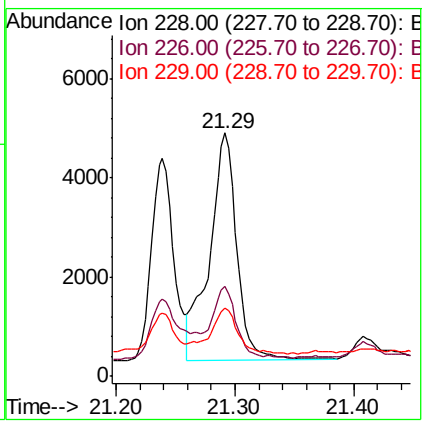
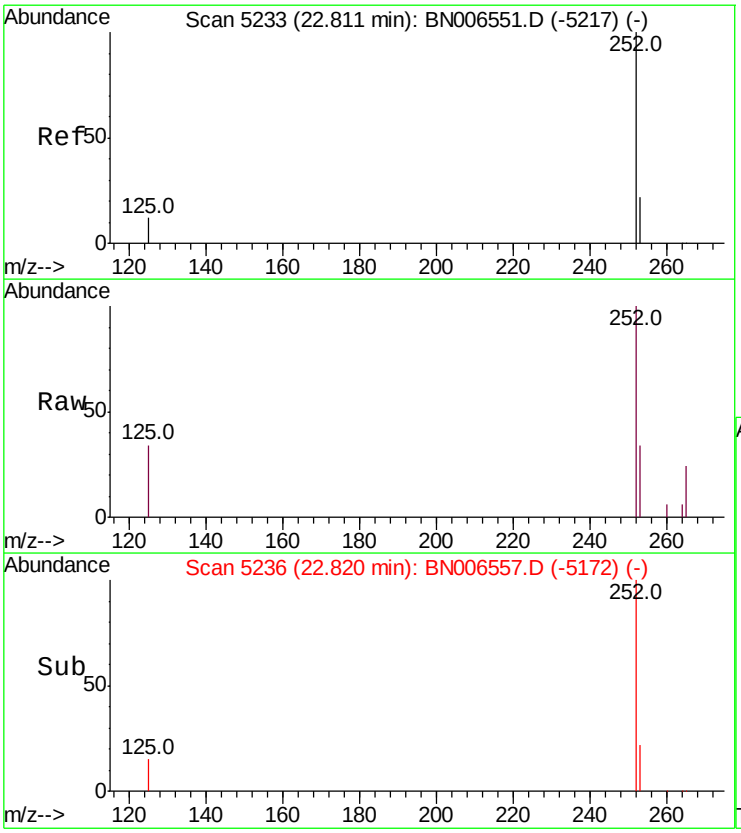
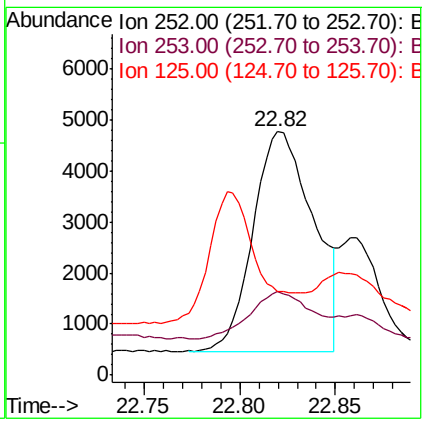


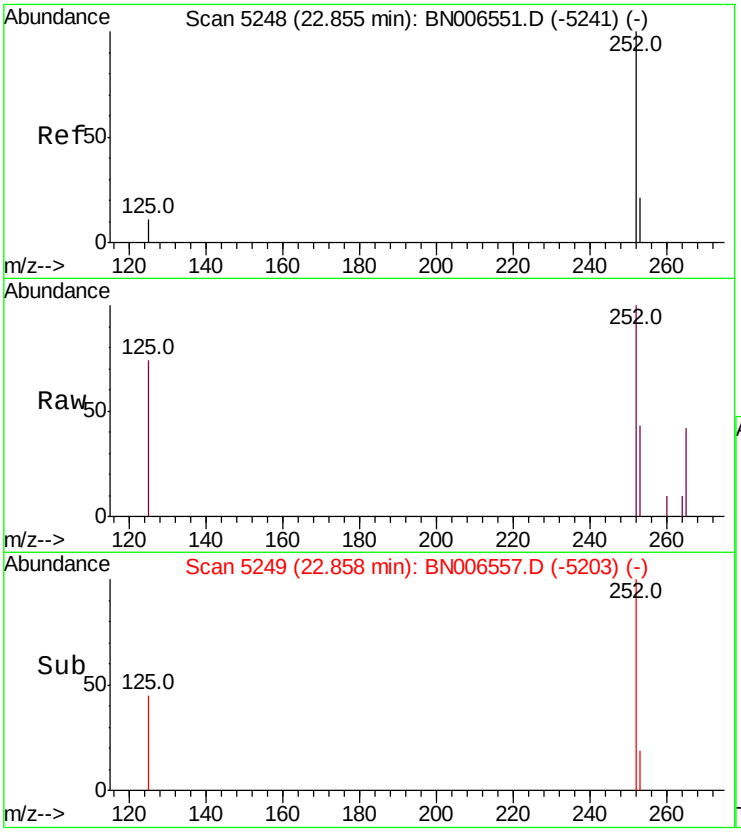


#21
Benzo(b)fluoranthene
Concen: 0.182 ng/ul m
RT: 22.82 min Scan# 5236
Delta R.T. -0.01 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:252 Resp: 9441

Ion	Ratio	Lower	Upper
252	100		
253	34.1	0.0	51.4
125	34.3	0.0	41.0





#22
Benzo(k)fluoranthene
Concen: 0.066 ng/ul m
RT: 22.86 min Scan# 5249
Delta R.T. -0.01 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:252 Resp: 3346

Ion	Ratio	Lower	Upper
252	100		
253	43.4	20.3	30.5#
125	73.8	14.3	21.5#

Instrument :
BNA_N
ClientSampleId :
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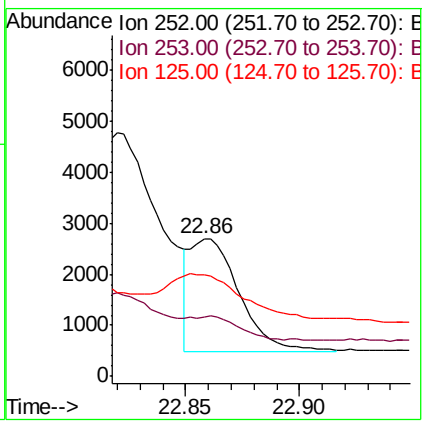
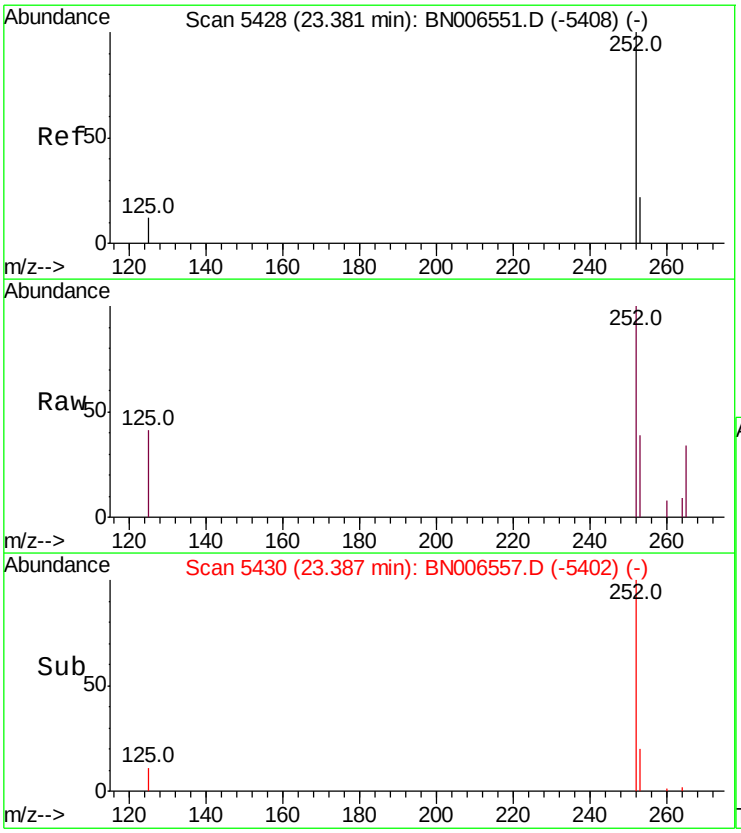
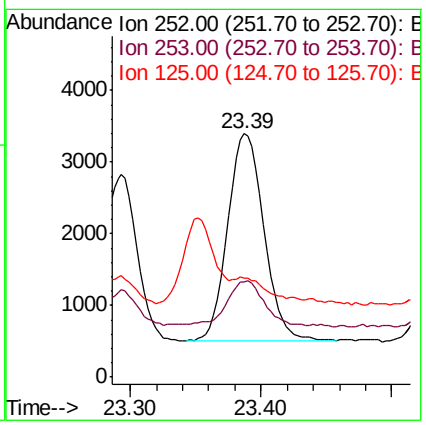


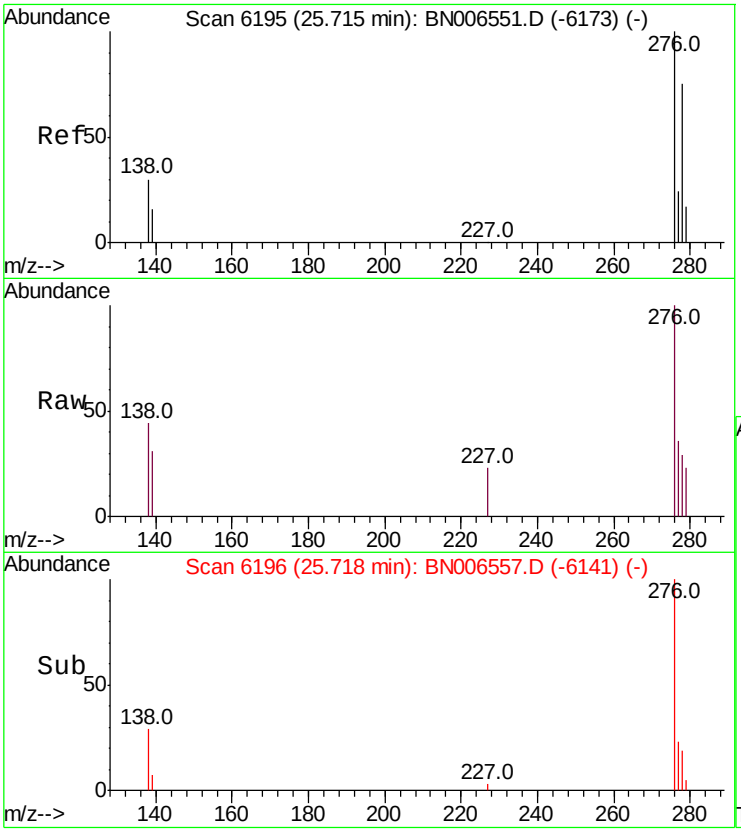


#23
Benzo(a)pyrene
Concen: 0.115 ng/ul
RT: 23.39 min Scan# 5430
Delta R.T. -0.02 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:252 Resp: 5548

Ion	Ratio	Lower	Upper
252	100		
253	38.9	21.1	31.7#
125	40.8	20.3	30.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.091 ng/ul
RT: 25.72 min Scan# 6196
Delta R.T. -0.02 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:276 Resp: 4764

Ion	Ratio	Lower	Upper
276	100		
138	41.0	25.6	38.4#
227	1.7	0.3	0.5#

Instrument :
BNA_N
ClientSampleId :
A4216MS

Manual Integrations APPROVED
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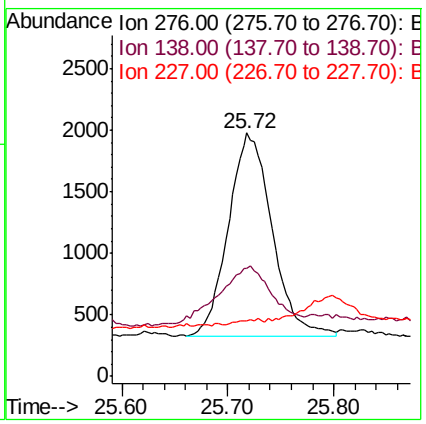
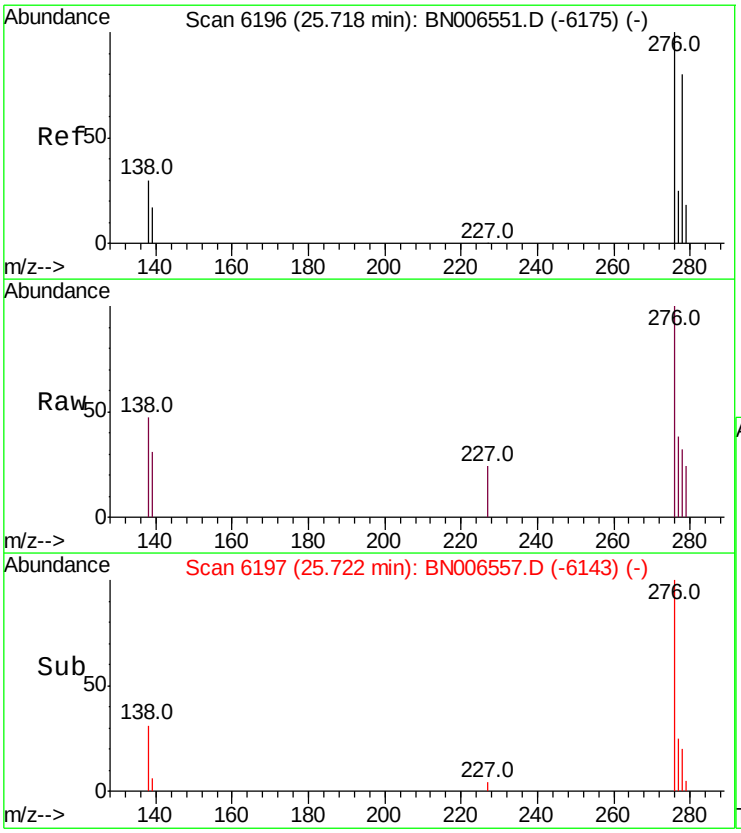
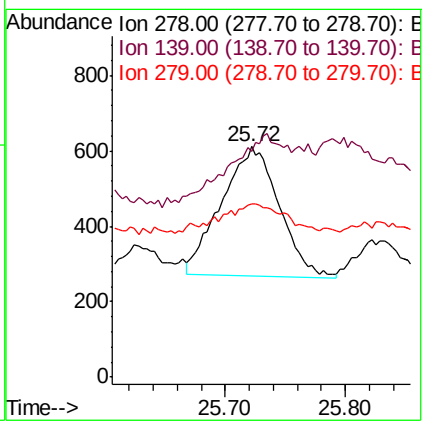


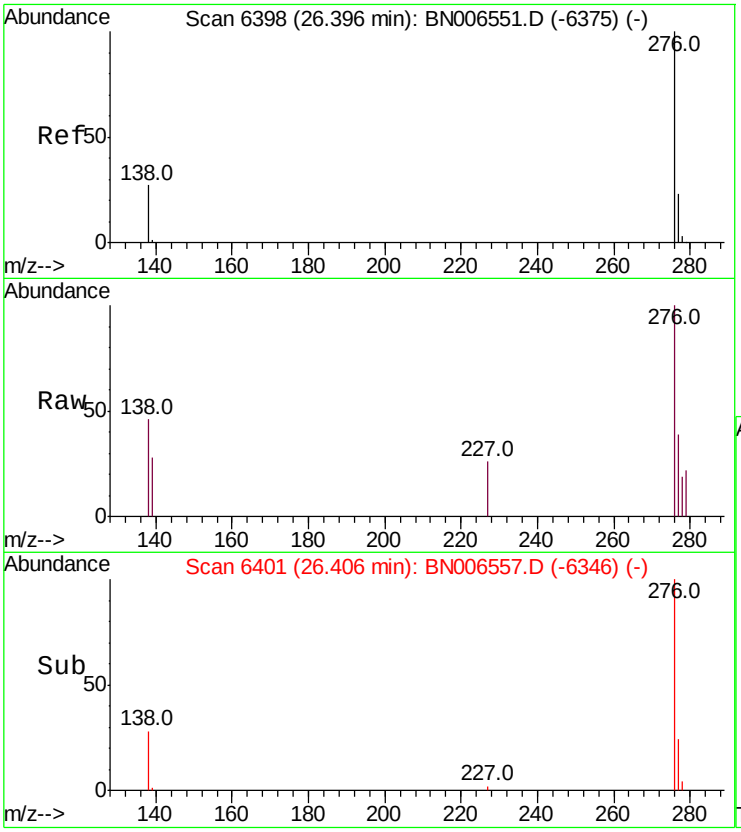


#25
Dibenzo(a,h)anthracene
Concen: 0.027 ng/ul
RT: 25.72 min Scan# 6197
Delta R.T. -0.02 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:278 Resp: 1144

Ion	Ratio	Lower	Upper
278	100		
139	97.9	21.2	31.8#
279	75.3	22.6	33.8#

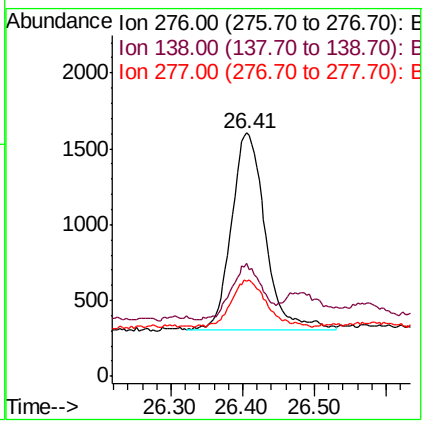




#26
Benzo(g,h,i)perylene
Concen: 0.098 ng/ul
RT: 26.41 min Scan# 6401
Delta R.T. -0.02 min
Lab File: BN006557.D
Acq: 25 Jun 2019 06:25

Tgt Ion:276 Resp: 4293

Ion	Ratio	Lower	Upper
276	100		
138	46.2	24.2	36.4#
277	39.0	21.5	32.3#



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