Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004121.D
Acq On : 19 Dec 2018 19:39
Operator : JU/SJ
Sample : J6297-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E44

Manual Integrations APPROVED
Sohil
12/20/2018 2:03:24 PM

Quant Time: Dec 20 06:18:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1415	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7333	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4491	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	11705m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	12768m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	11246m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2326	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	7351m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1073	0.052	ng/ul#	81
5) 2-Methylnaphthalene	12.29	142	737	0.051	ng/ul	100
12) Phenanthrene	17.26	178	2384m	0.062	ng/ul	
13) Anthracene	17.35	178	1030m	0.033	ng/ul	
15) Fluoranthene	19.27	202	4061m	0.090	ng/ul	
17) Pyrene	19.64	202	6550m	0.143	ng/ul	
18) Benzo(a)anthracene	21.39	228	3869	0.096	ng/ul#	89
19) Chrysene	21.44	228	5085	0.110	ng/ul#	91
21) Benzo(b)fluoranthene	23.02	252	7157m	0.154	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	2514m	0.055	ng/ul	
23) Benzo(a)pyrene	23.62	252	4820	0.120	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	26.09	276	3989	0.086	ng/ul#	98
26) Benzo(g,h,i)perylene	26.81	276	7660	0.191	ng/ul#	86

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

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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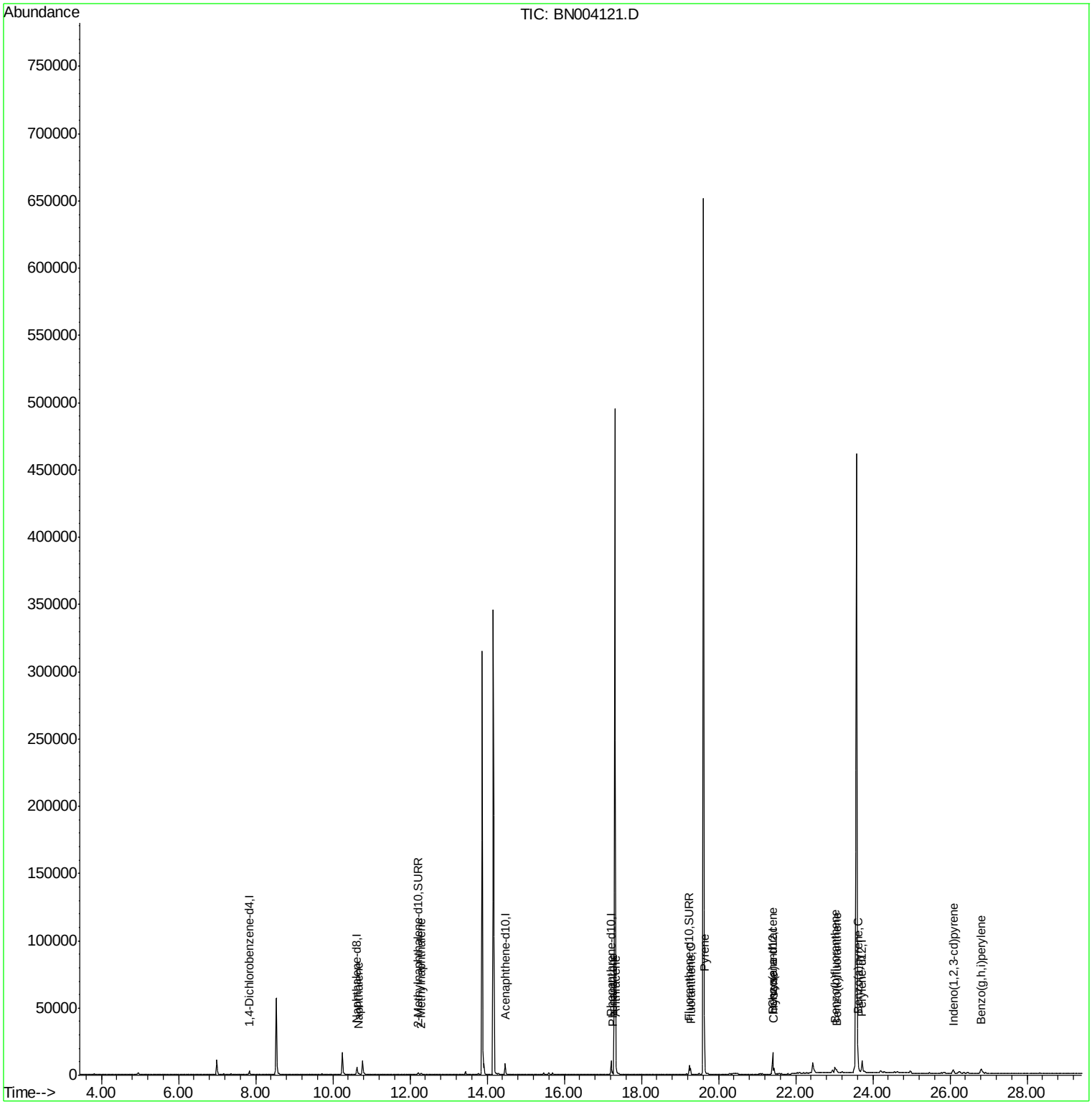

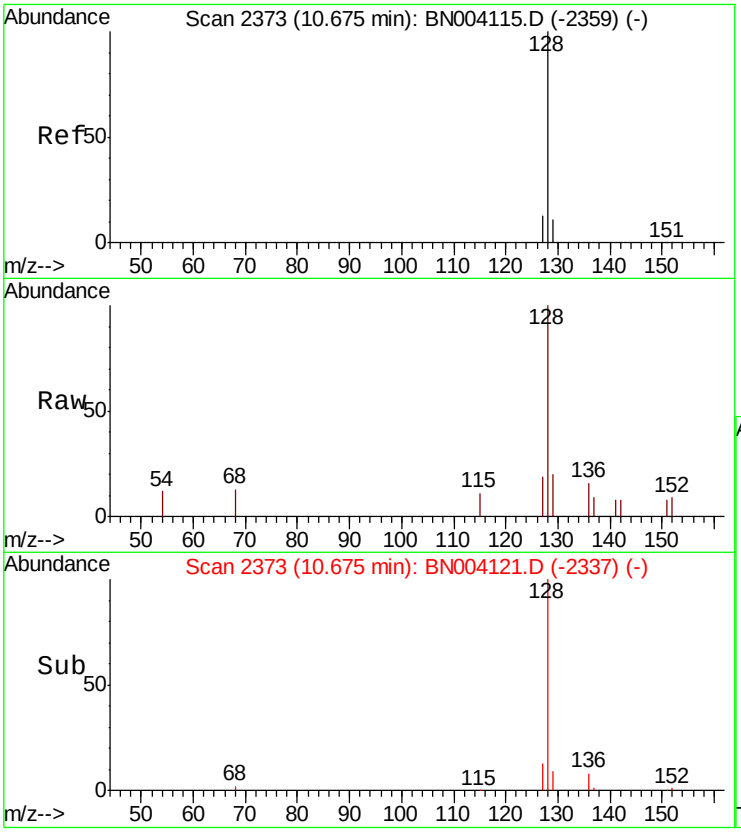

#3
Naphthalene
Concen: 0.052 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:128 Resp: 1073

Ion	Ratio	Lower	Upper
128	100		
129	20.1	9.0	13.6#
127	19.4	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
F9E44

Manual Integrations APPROVED
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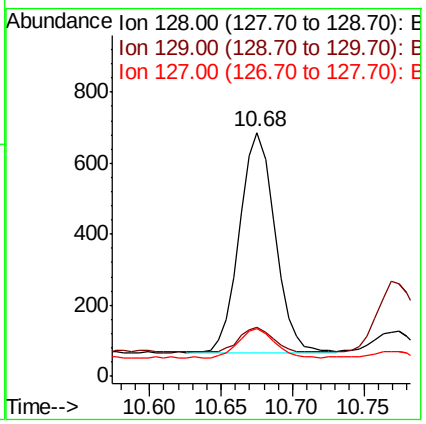
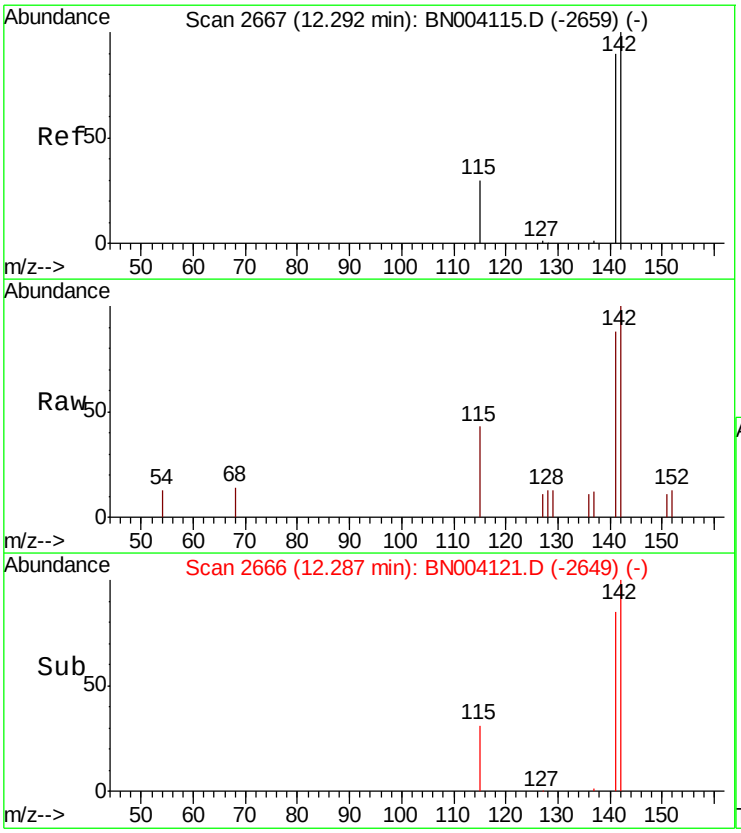
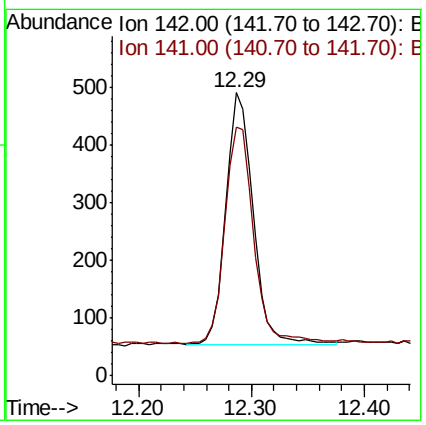


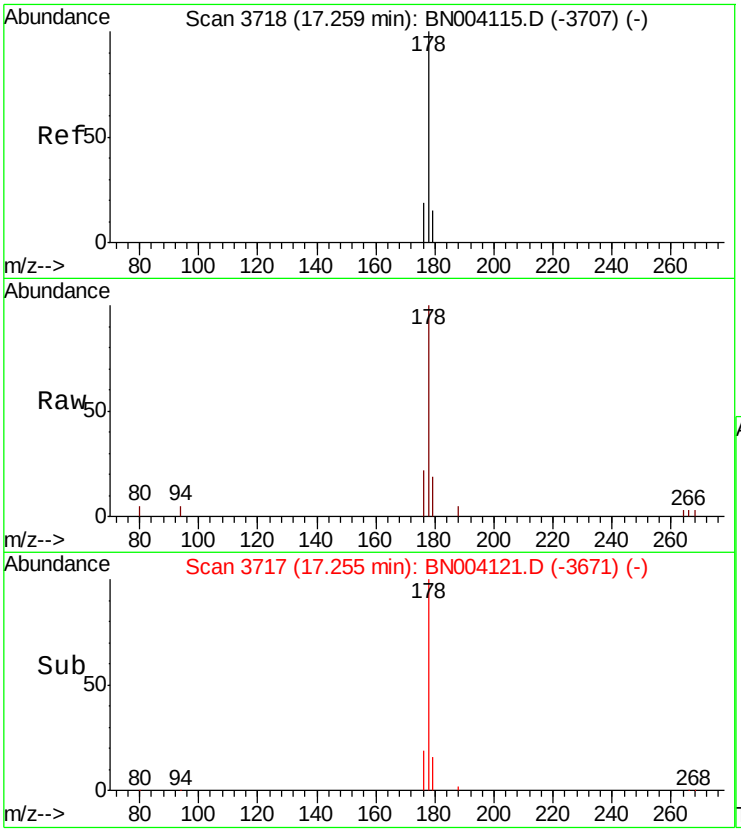


#5
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.29 min Scan# 2666
Delta R.T. -0.01 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:142 Resp: 737

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.5	107.3

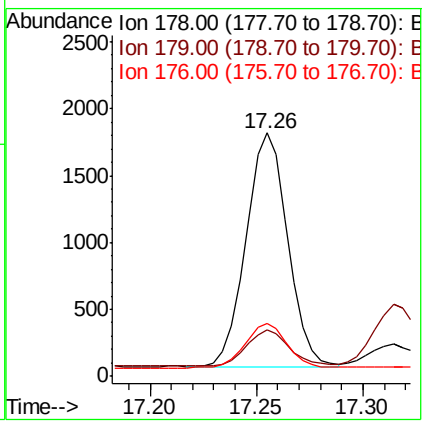




#12
Phenanthrene
Concen: 0.062 ng/ul m
RT: 17.26 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:178 Resp: 2384

Ion	Ratio	Lower	Upper
178	100		
179	19.2	12.5	18.7#
176	21.9	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9E44

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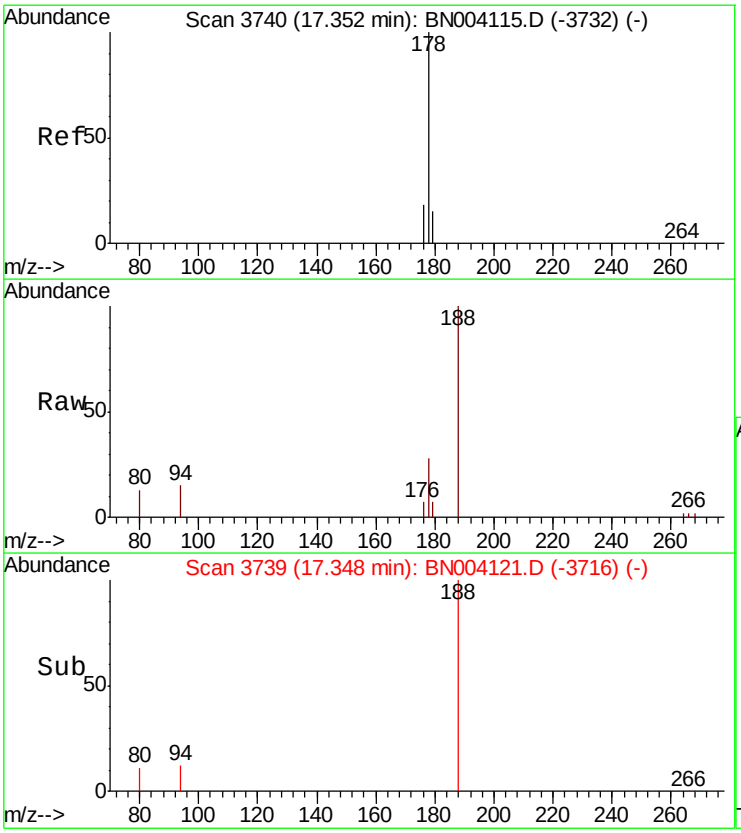
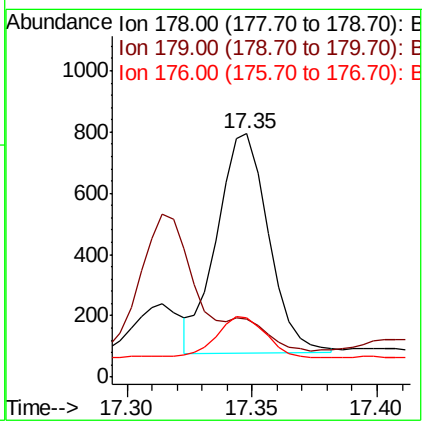
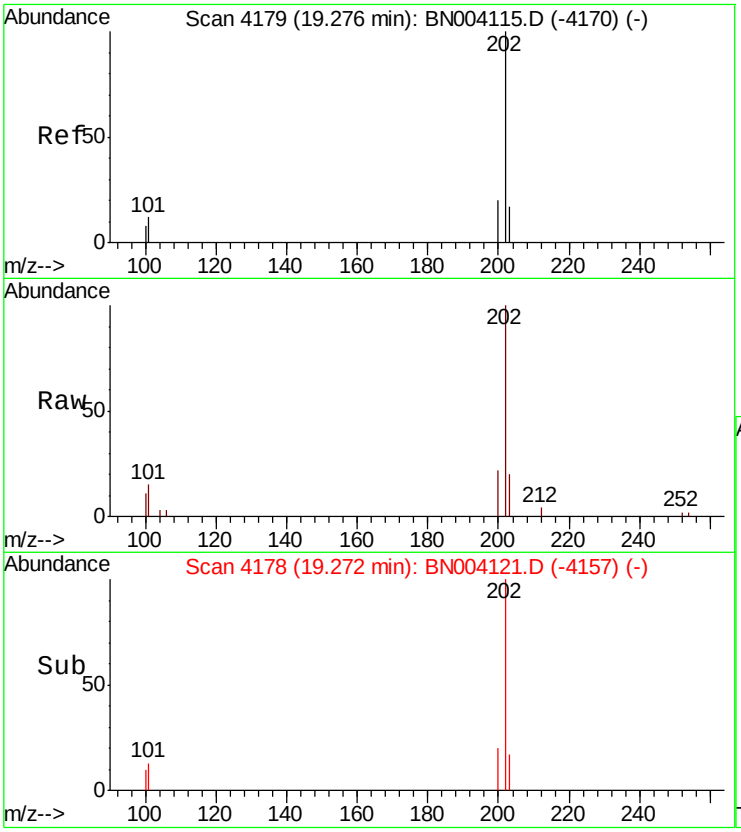


#13
Anthracene
Concen: 0.033 ng/ul m
RT: 17.35 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:178 Resp: 1030

Ion	Ratio	Lower	Upper
178	100		
179	24.0	12.3	18.5#
176	24.4	14.8	22.2#





#15
Fluoranthene
Concen: 0.090 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:202 Resp: 4061

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	30.7
100	11.4	0.0	28.1

Instrument :
BNA_N
ClientSampleId :
F9E44

Manual Integrations APPROVED
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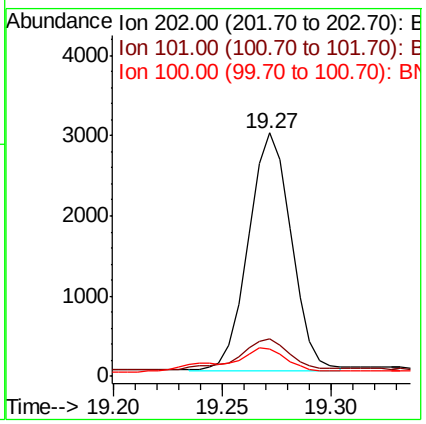
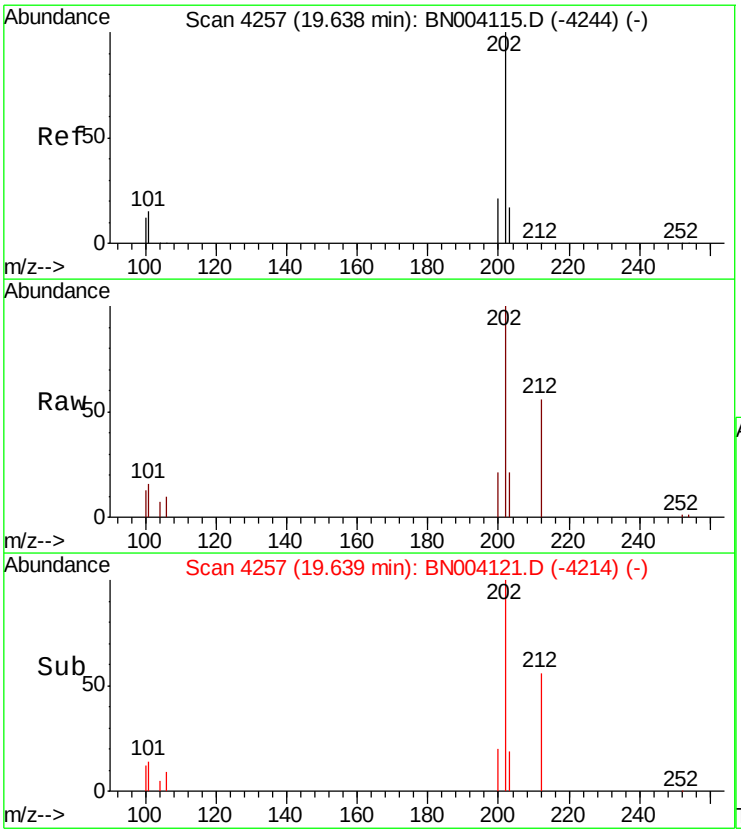
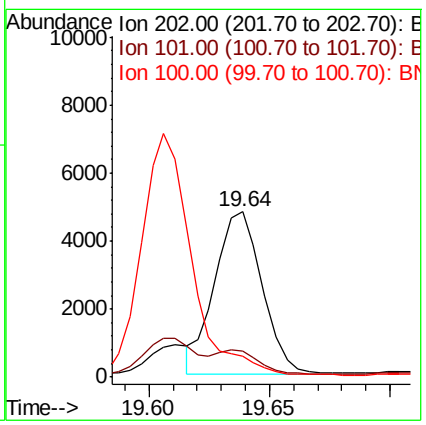


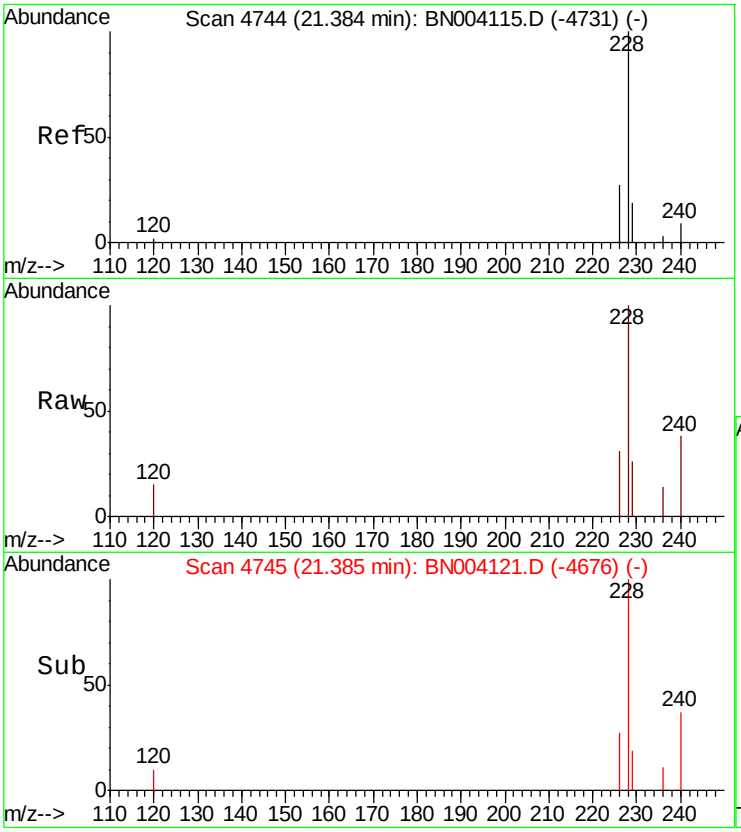


#17
Pyrene
Concen: 0.143 ng/ul m
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:202 Resp: 6550

Ion	Ratio	Lower	Upper
202	100		
101	15.9	10.3	15.5#
100	12.9	8.5	12.7#





#18
Benzo(a)anthracene
Concen: 0.096 ng/ul
RT: 21.39 min Scan# 4745
Delta R.T. 0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Instrument :
BNA_N
ClientSampleId :
F9E44

Manual Integrations APPROVED
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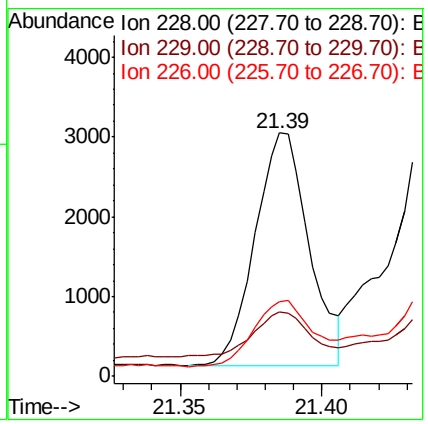
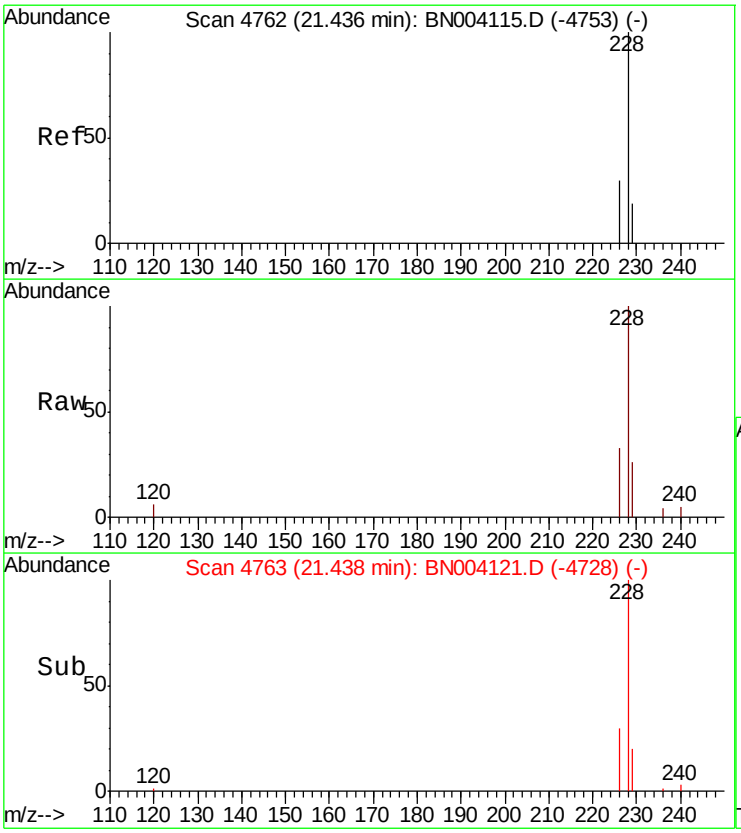
Tgt Ion:228 Resp: 3869

Ion	Ratio	Lower	Upper
228	100		
229	26.3	15.6	23.4#
226	30.8	21.1	31.7

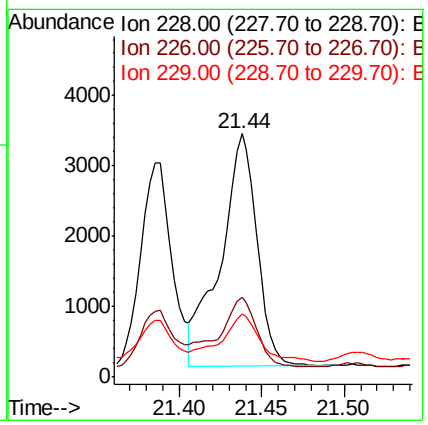


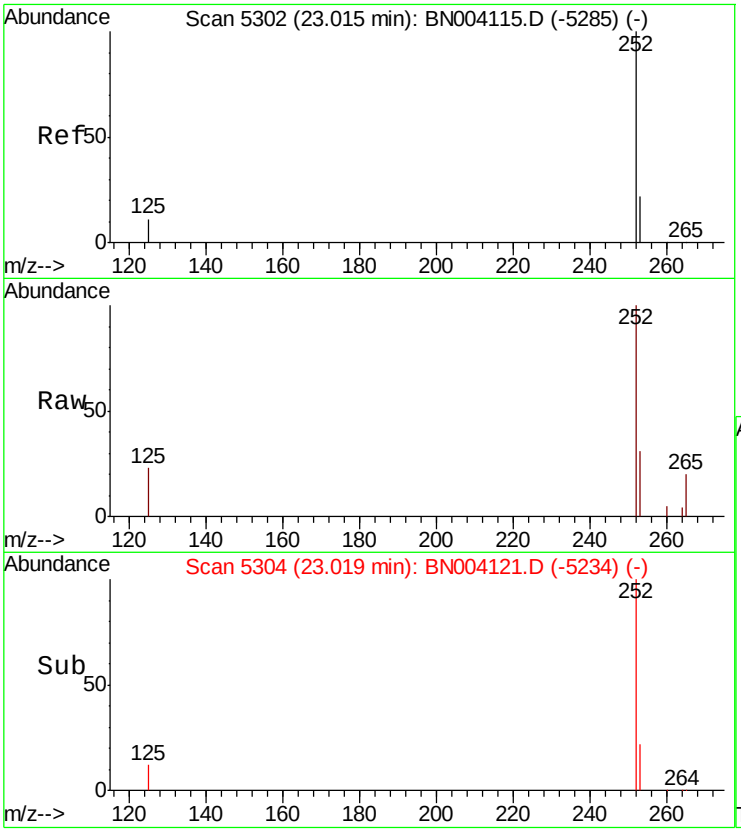


#19
Chrysene
Concen: 0.110 ng/ul
RT: 21.44 min Scan# 4763
Delta R.T. 0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:228 Resp: 5085

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.0	36.0
229	26.0	15.7	23.5#





#21
Benzo(b)fluoranthene
Concen: 0.154 ng/ul m
RT: 23.02 min Scan# 5304
Delta R.T. 0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:252 Resp: 7157

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	46.0
125	22.6	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9E44

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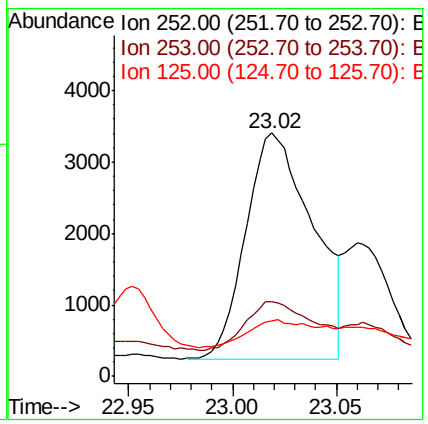
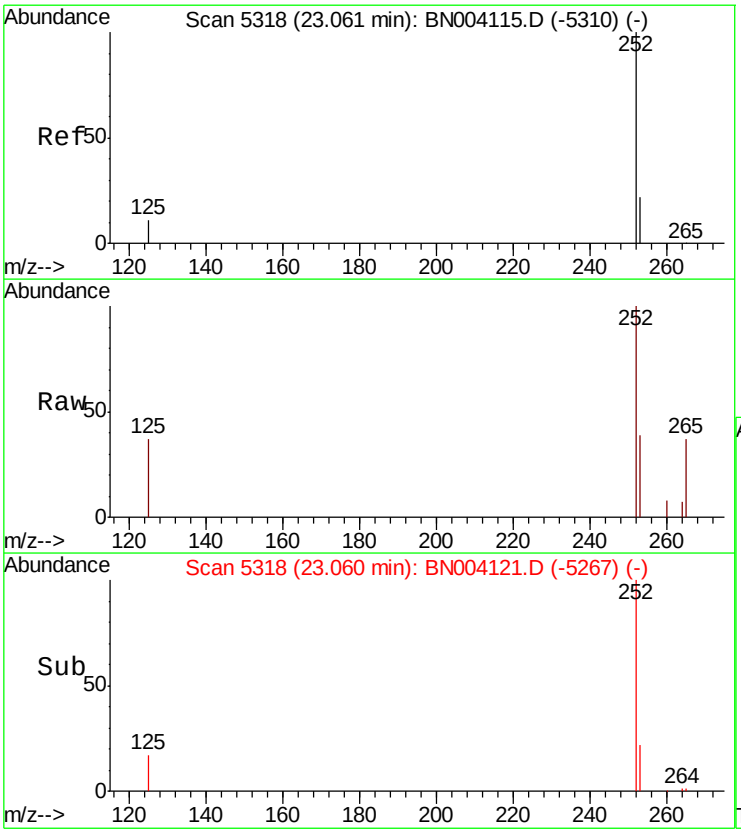
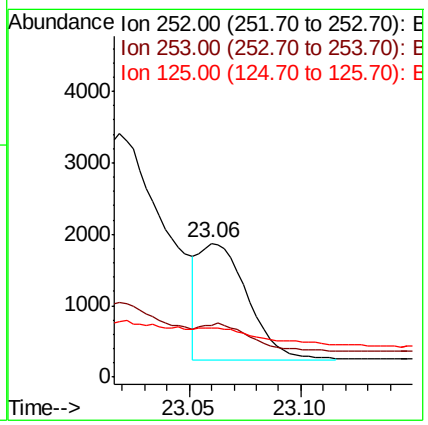


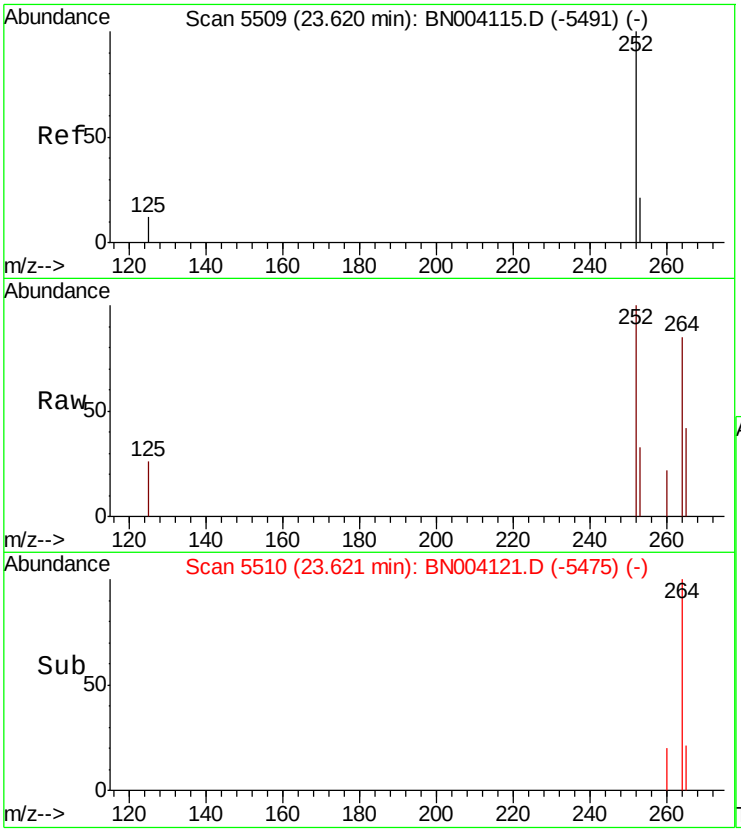


#22
Benzo(k)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.06 min Scan# 5318
Delta R.T. -0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:252 Resp: 2514

Ion	Ratio	Lower	Upper
252	100		
253	38.7	18.5	27.7#
125	36.6	9.0	13.6#





#23
Benzo(a)pyrene
Concen: 0.120 ng/ul
RT: 23.62 min Scan# 5510
Delta R.T. 0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:252 Resp: 4820

Ion	Ratio	Lower	Upper
252	100		
253	33.4	19.0	28.4#
125	25.6	10.2	15.4#

Instrument :
BNA_N
ClientSampleId :
F9E44

Manual Integrations APPROVED
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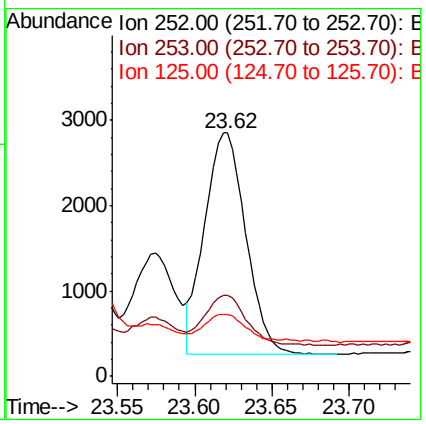
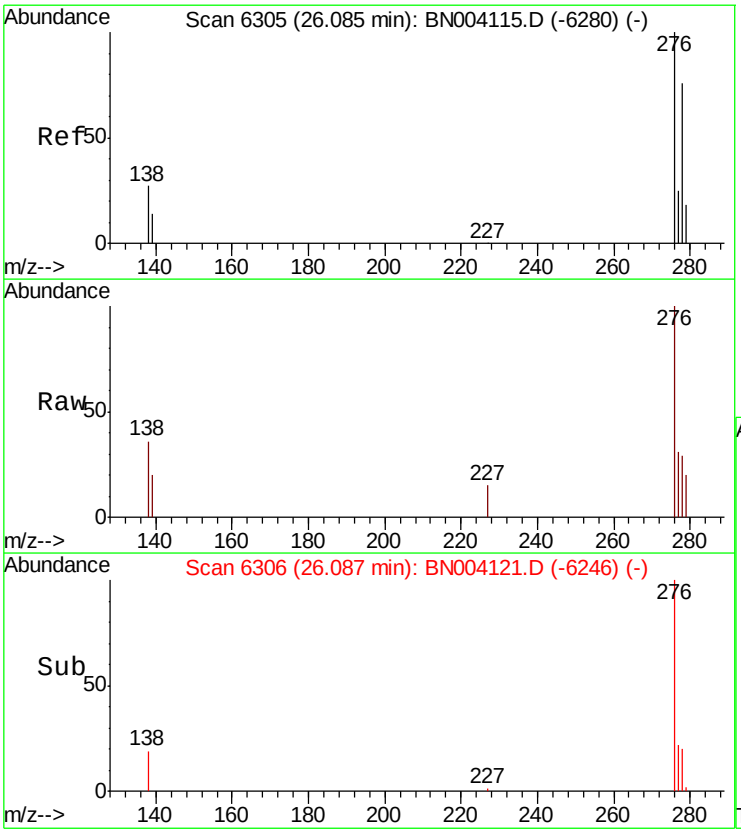
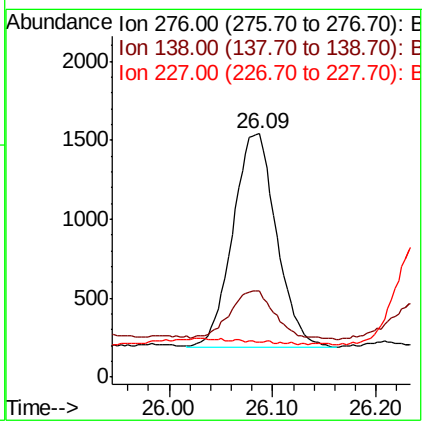


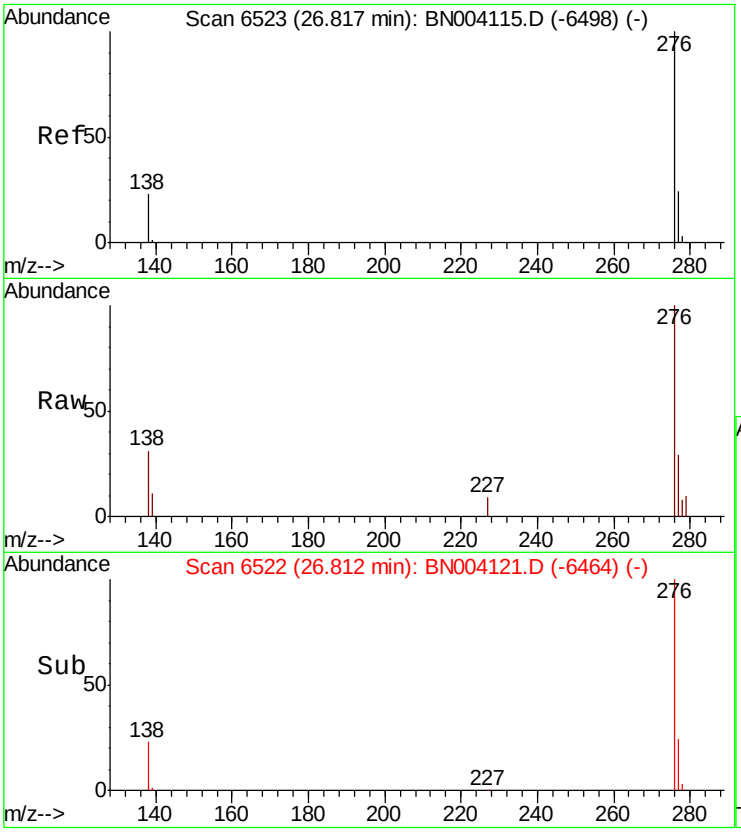


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.086 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. 0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:276 Resp: 3989

Ion	Ratio	Lower	Upper
276	100		
138	24.4	20.3	30.5
227	0.0	0.2	0.2#

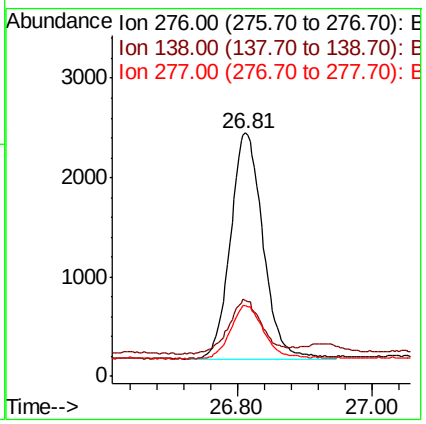




#26
Benzo(g,h,i)perylene
Concen: 0.191 ng/ul
RT: 26.81 min Scan# 6522
Delta R.T. -0.00 min
Lab File: BN004121.D
Acq: 19 Dec 2018 19:39

Tgt Ion:276 Resp: 7660

Ion	Ratio	Lower	Upper
276	100		
138	30.9	17.7	26.5#
277	29.3	19.3	28.9#



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