Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101218\
Data File : BN003112.D
Acq On : 11 Oct 2018 20:36
Operator : MJ/SJ
Sample : J5368-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A3Z01

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Quant Time: Oct 12 06:47:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1534	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	6626	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	3986	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8785m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	6472m	0.40	ng/ul	0.00
20) Perylene-d12	23.44	264	4527m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3810	0.37	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	9367m	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	753	0.044	ng/ul#	80
5) 2-Methylnaphthalene	12.08	142	2797	0.239	ng/ul	97
8) Acenaphthene	14.32	153	1021	0.074	ng/ul	96
12) Phenanthrene	17.06	178	1441m	0.059	ng/ul	
15) Fluoranthene	19.09	202	2944m	0.102	ng/ul	
17) Pyrene	19.45	202	2910m	0.116	ng/ul	
18) Benzo(a)anthracene	21.22	228	1658	0.080	ng/ul#	86
19) Chrysene	21.27	228	1813	0.086	ng/ul#	88
21) Benzo(b)fluoranthene	22.79	252	1643m	0.101	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	656m	0.039	ng/ul	
23) Benzo(a)pyrene	23.34	252	922	0.063	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.68	276	629	0.037	ng/ul#	86
26) Benzo(g,h,i)perylene	26.36	276	587	0.041	ng/ul#	29

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

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 12 06:47:26 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 12 05:29:36 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A3Z01

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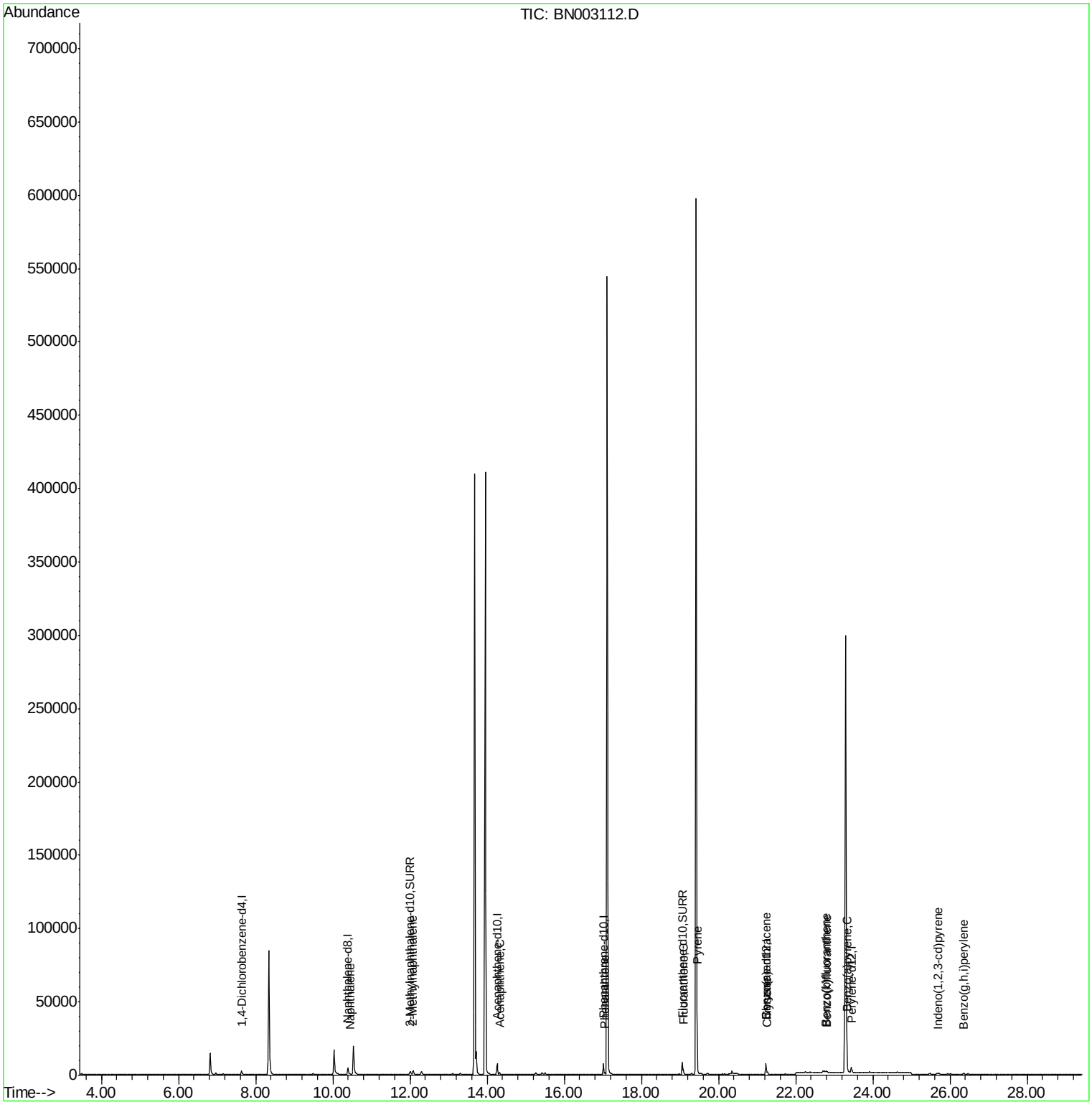

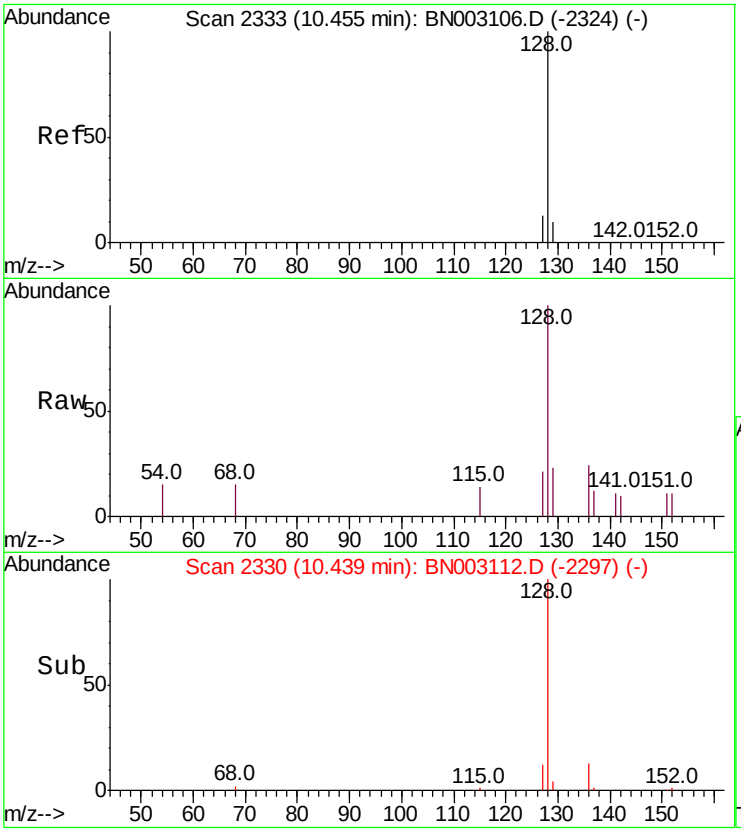

#3
Naphthalene
Concen: 0.044 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:128 Resp: 753

Ion	Ratio	Lower	Upper
128	100		
129	22.9	10.4	15.6#
127	21.2	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
A3Z01

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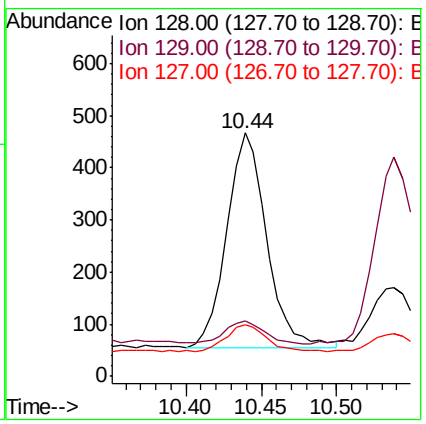
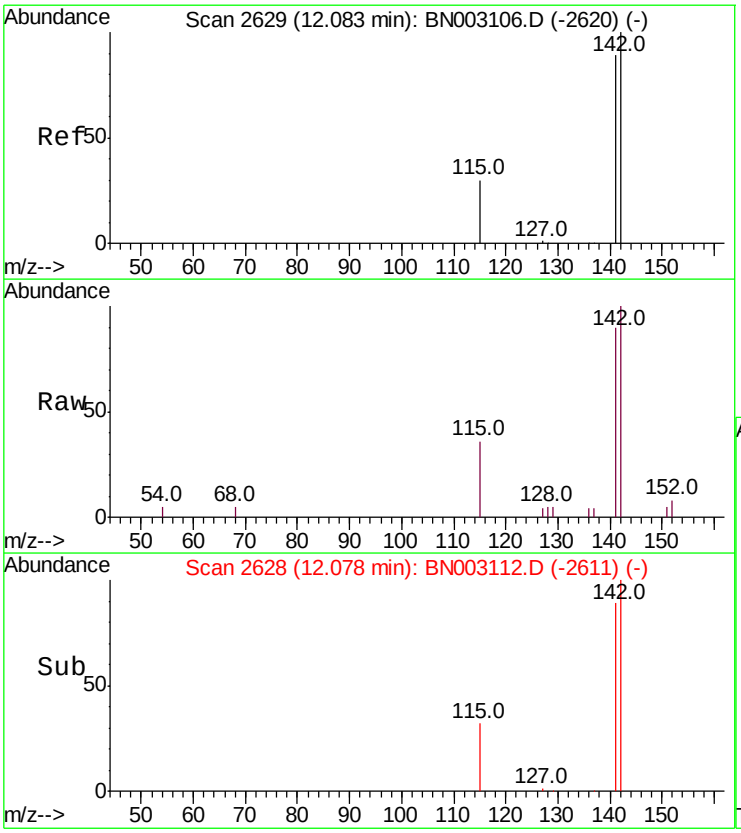
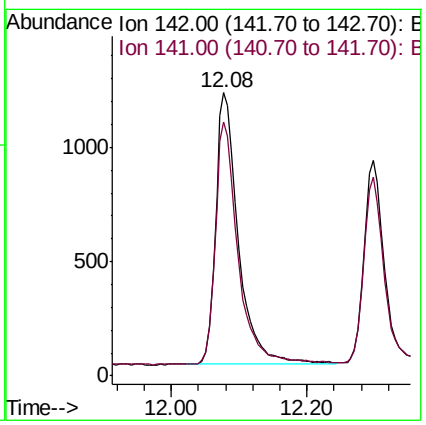


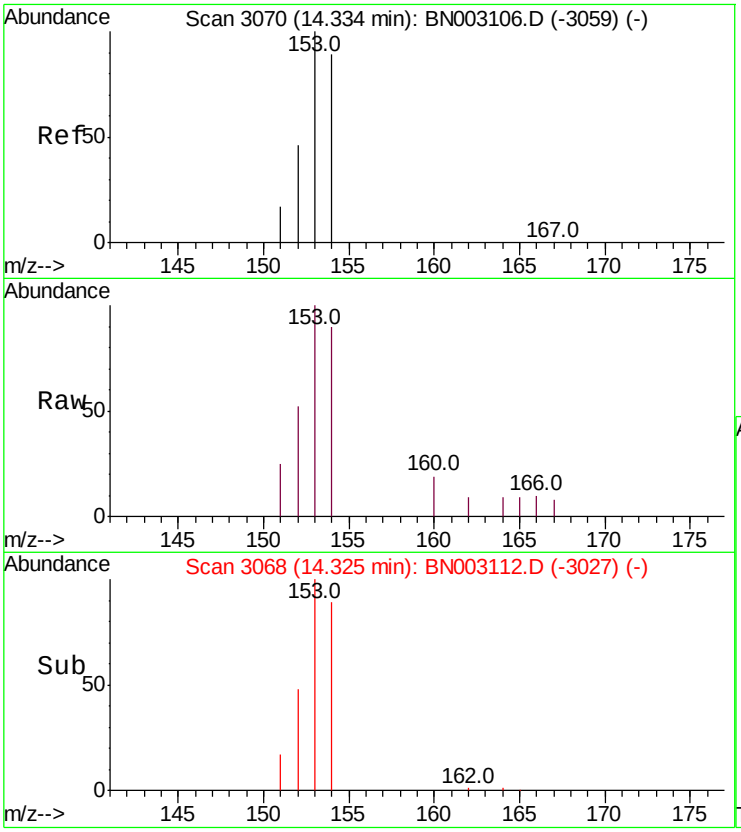


#5
2-Methylnaphthalene
Concen: 0.239 ng/ul
RT: 12.08 min Scan# 2628
Delta R.T. -0.01 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:142 Resp: 2797

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.4	110.0

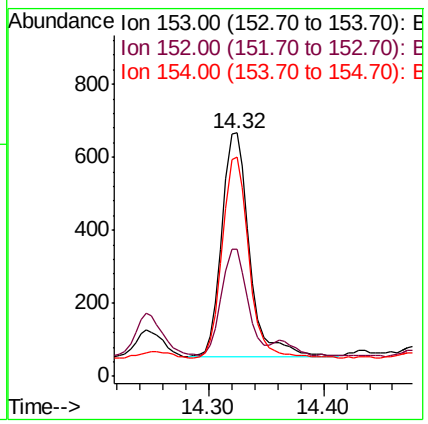




#8
Acenaphthene
Concen: 0.074 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:153 Resp: 1021

Ion	Ratio	Lower	Upper
153	100		
152	52.0	38.2	57.4
154	90.0	70.2	105.2



Instrument :
BNA_N
ClientSampleId :
A3Z01

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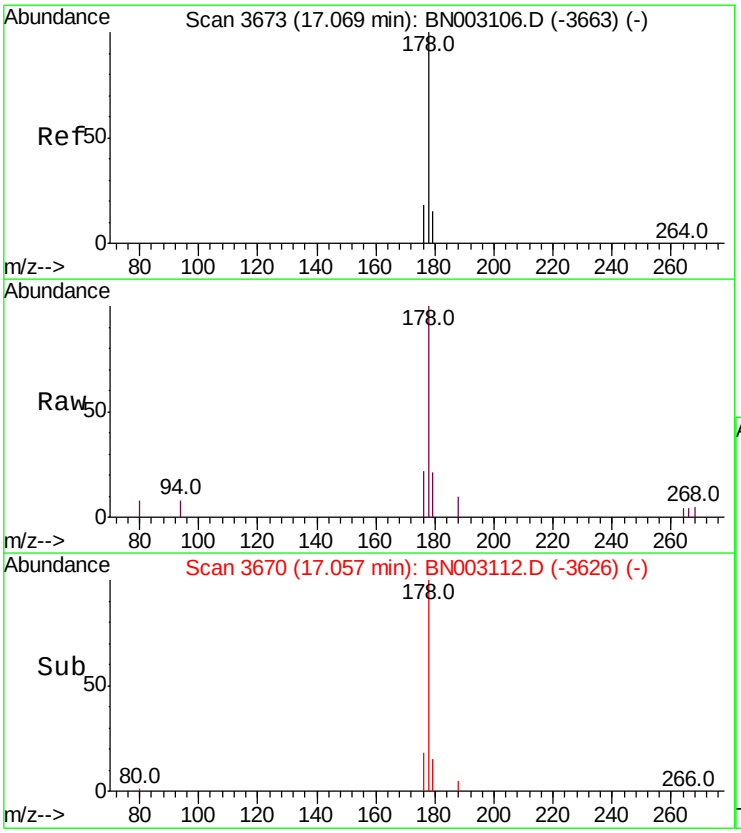
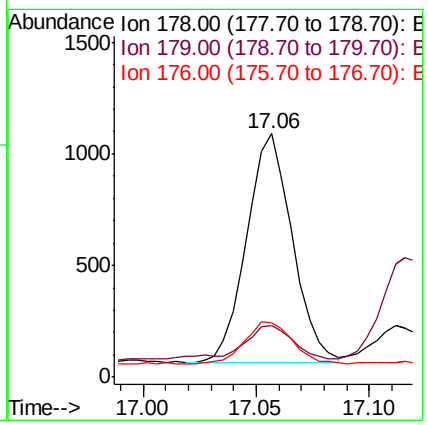
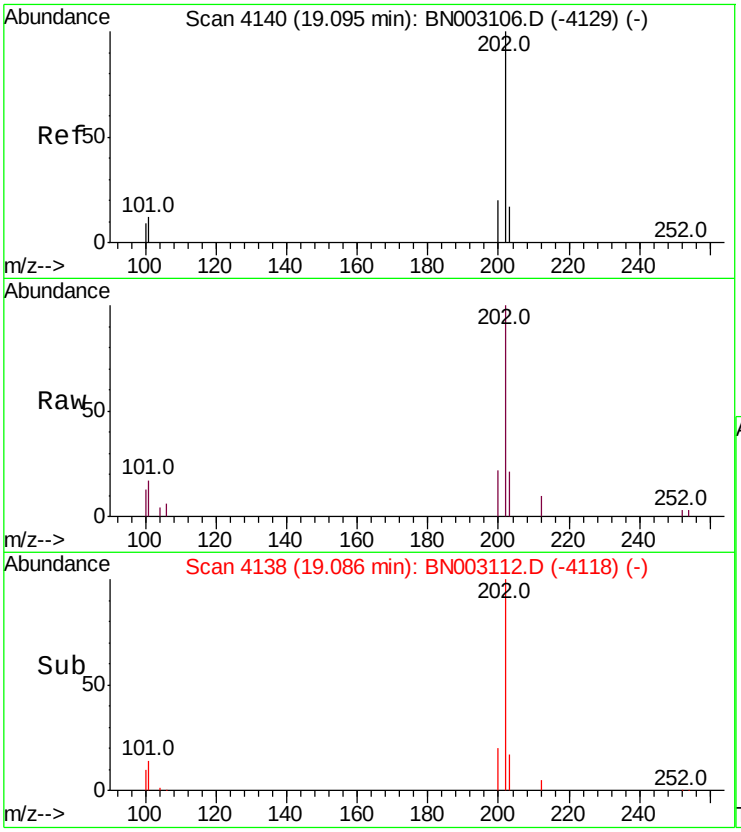


#12
Phenanthrene
Concen: 0.059 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.01 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:178 Resp: 1441

Ion	Ratio	Lower	Upper
178	100		
179	21.2	12.9	19.3#
176	22.5	15.4	23.2

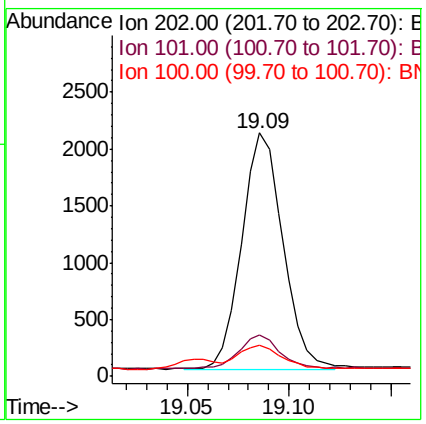




#15
Fluoranthene
Concen: 0.102 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:202 Resp: 2944

Ion	Ratio	Lower	Upper
202	100		
101	16.8	0.0	32.3
100	12.8	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
A3Z01

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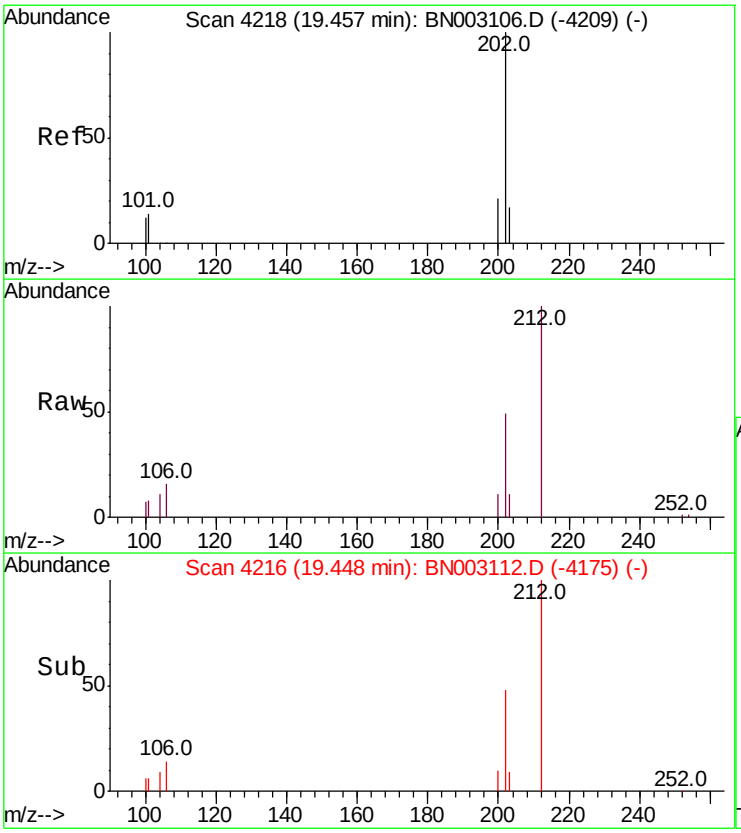
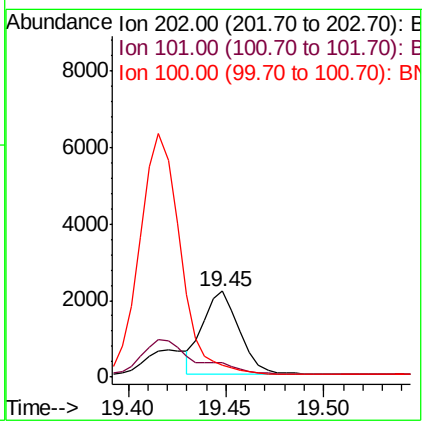
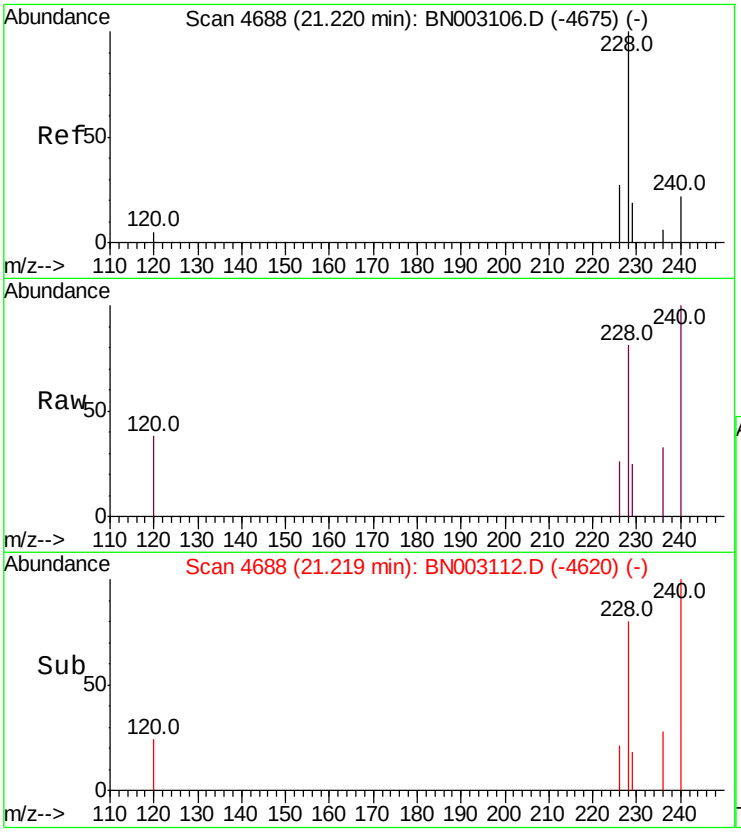


#17
Pyrene
Concen: 0.116 ng/ul m
RT: 19.45 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:202 Resp: 2910

Ion	Ratio	Lower	Upper
202	100		
101	16.4	11.9	17.9
100	14.3	9.9	14.9





#18
Benzo(a)anthracene
Concen: 0.080 ng/ul
RT: 21.22 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:228 Resp: 1658

Ion	Ratio	Lower	Upper
228	100		
229	31.1	16.2	24.2#
226	32.0	22.3	33.5

Instrument :
BNA_N
ClientSampleId :
A3Z01

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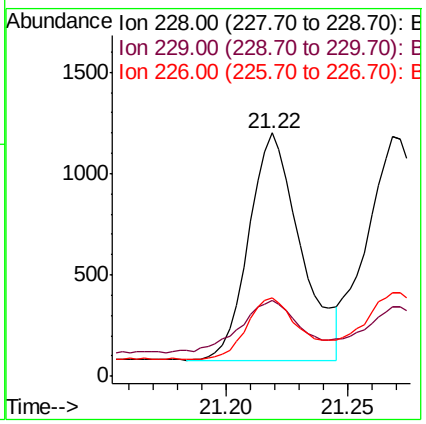
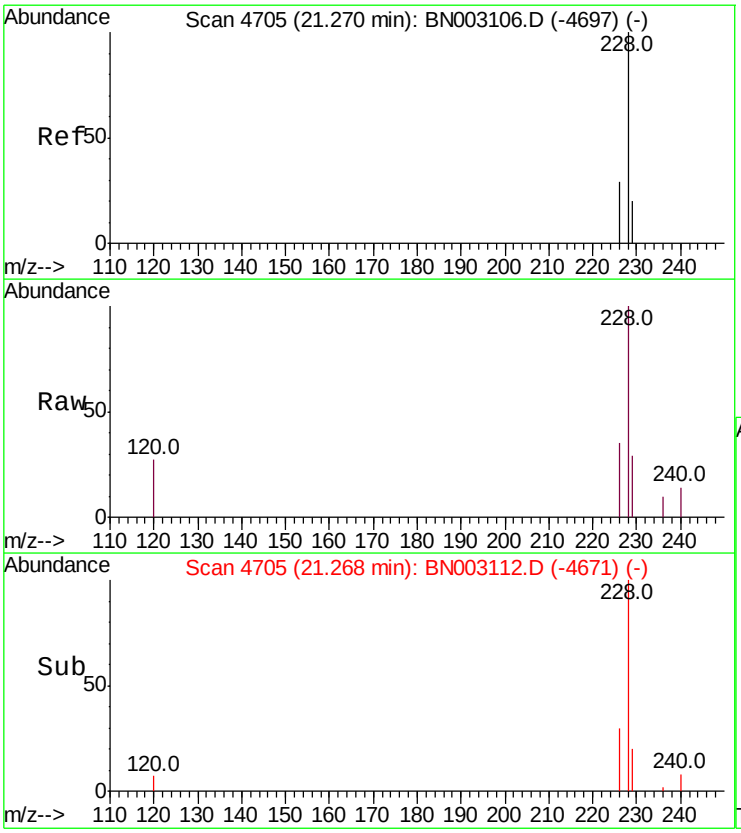
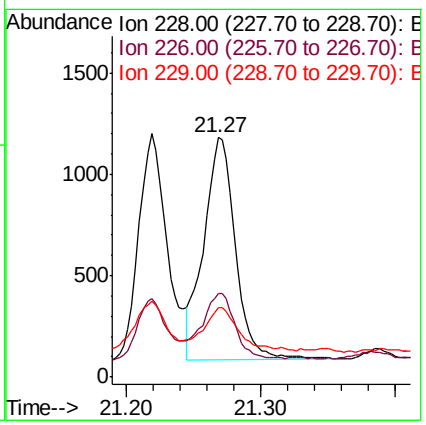


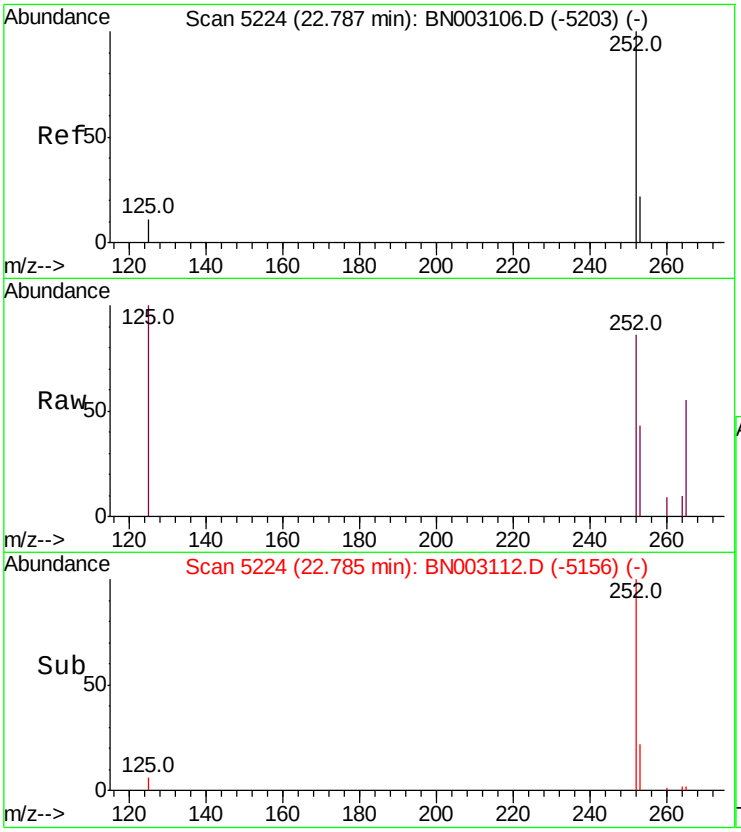


#19
Chrysene
Concen: 0.086 ng/ul
RT: 21.27 min Scan# 4705
Delta R.T. -0.00 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:228 Resp: 1813

Ion	Ratio	Lower	Upper
228	100		
226	35.1	24.2	36.4
229	29.0	16.7	25.1#





#21
Benzo(b)fluoranthene
Concen: 0.101 ng/ul m
RT: 22.79 min Scan# 5224
Delta R.T. -0.00 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:252 Resp: 1643

Ion	Ratio	Lower	Upper
252	100		
253	50.5	0.0	53.2
125	116.6	0.0	34.2#

Instrument :
BNA_N
ClientSampleId :
A3Z01

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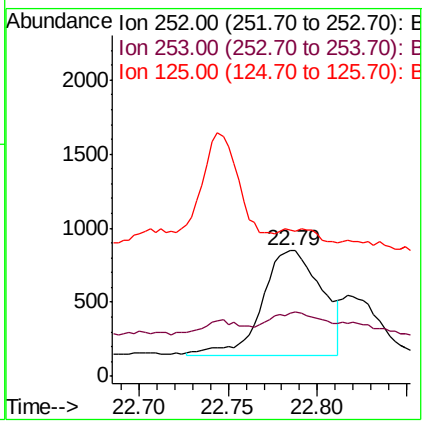
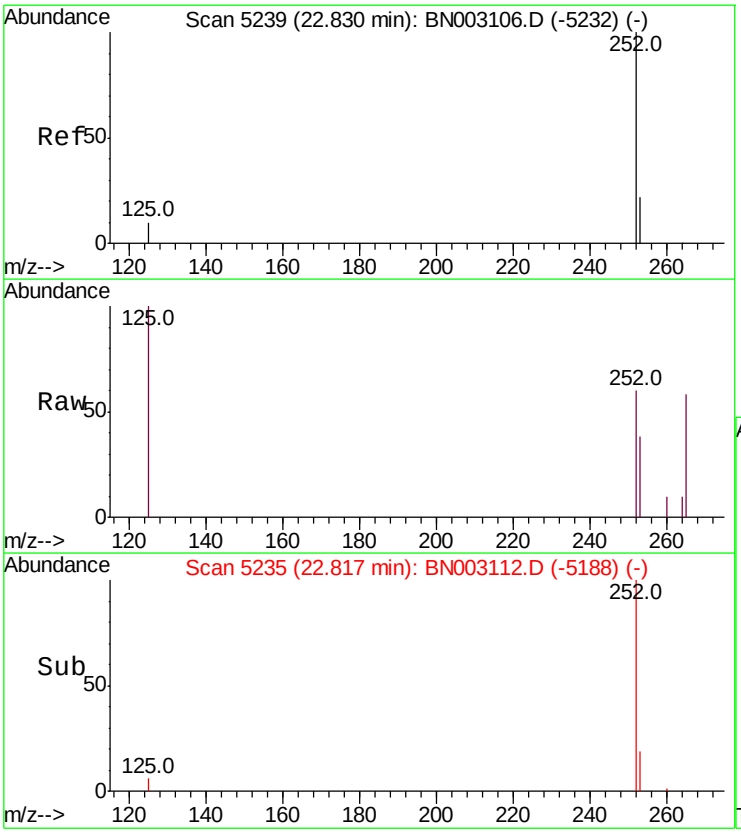
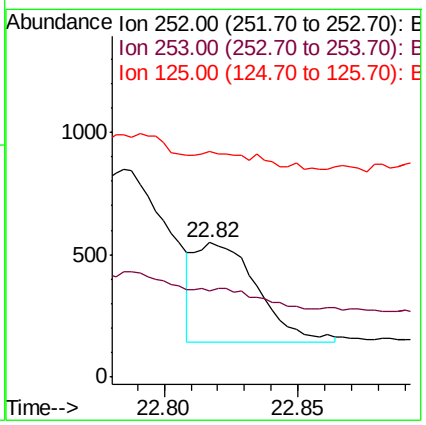


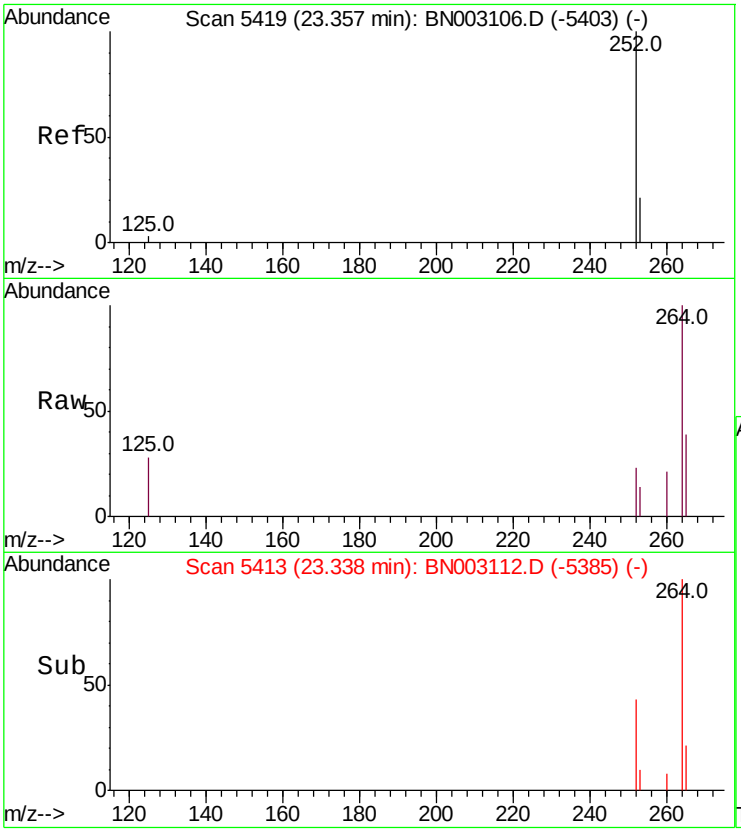


#22
Benzo(k)fluoranthene
Concen: 0.039 ng/ul m
RT: 22.82 min Scan# 5235
Delta R.T. -0.01 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:252 Resp: 656

Ion	Ratio	Lower	Upper
252	100		
253	64.5	21.3	31.9#
125	167.8	14.1	21.1#





#23
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:252 Resp: 922

Ion	Ratio	Lower	Upper
252	100		
253	60.1	23.1	34.7#
125	124.3	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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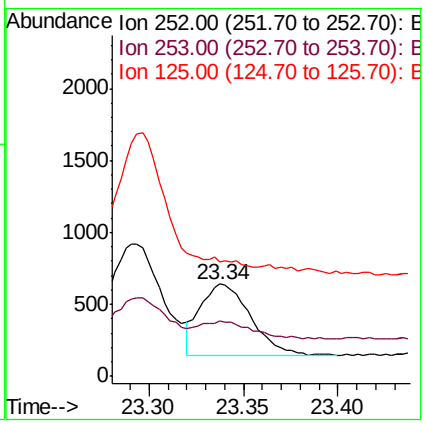
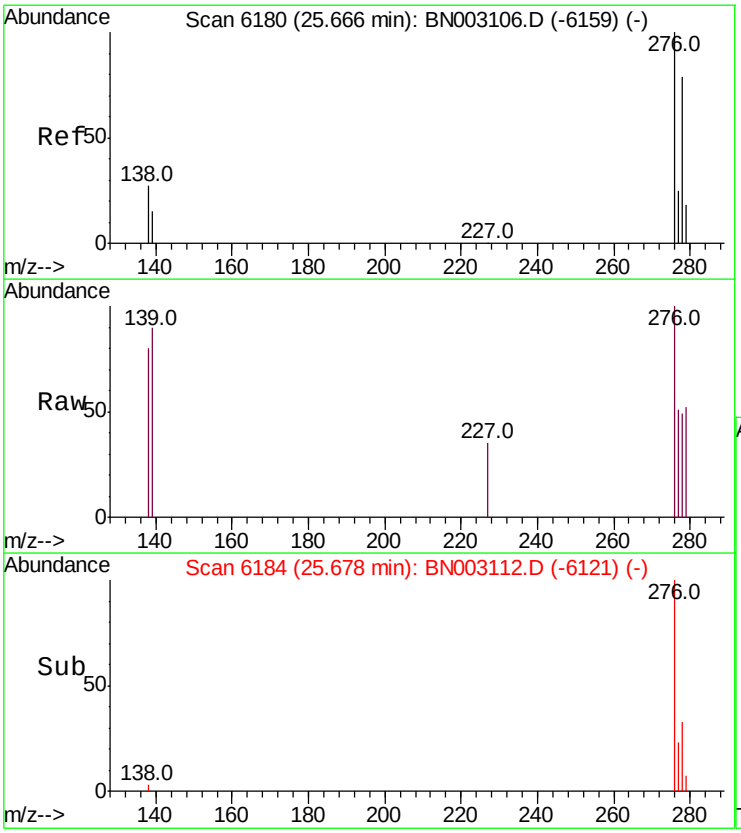
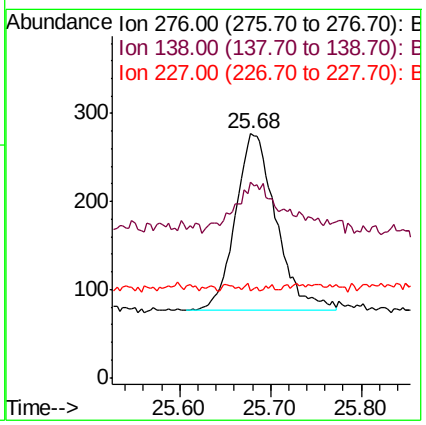


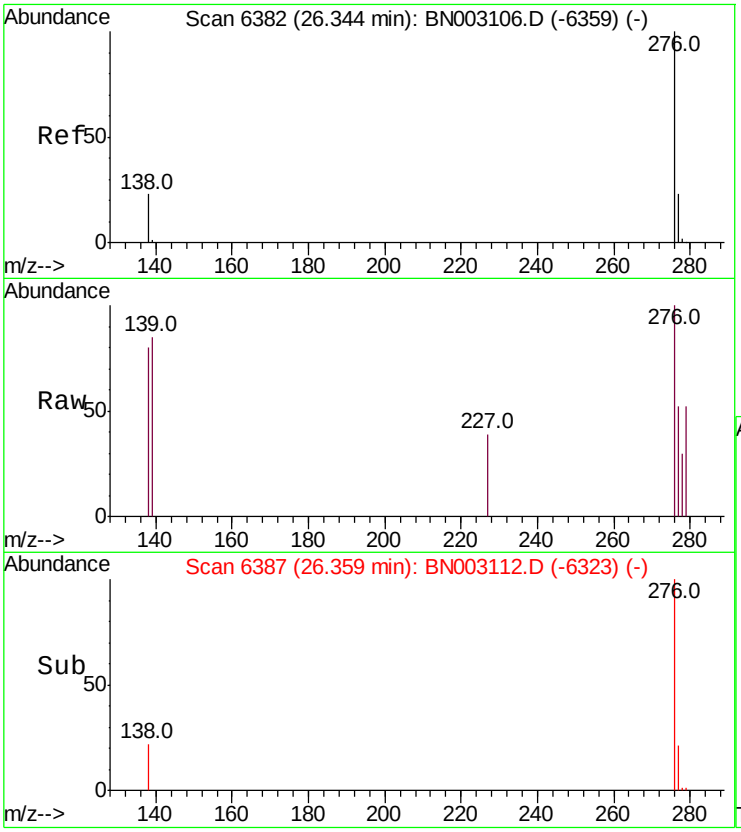


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.037 ng/ul
RT: 25.68 min Scan# 6184
Delta R.T. 0.01 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:276 Resp: 629

Ion	Ratio	Lower	Upper
276	100		
138	34.3	21.5	32.3#
227	0.3	0.3	0.5#

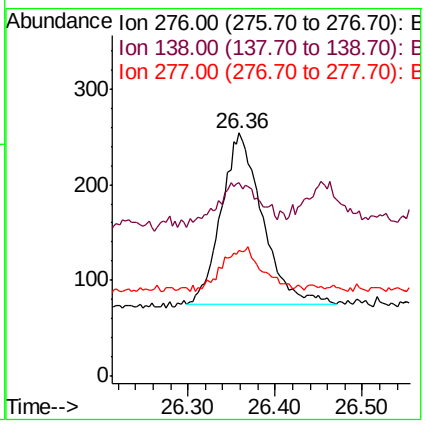




#26
Benzo(g,h,i)perylene
Concen: 0.041 ng/ul
RT: 26.36 min Scan# 6387
Delta R.T. 0.02 min
Lab File: BN003112.D
Acq: 11 Oct 2018 20:36

Tgt Ion:276 Resp: 587

Ion	Ratio	Lower	Upper
276	100		
138	79.5	23.0	34.4#
277	51.6	22.0	33.0#



Instrument :
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