Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000877.D
Acq On : 25 Apr 2018 06:40
Operator : JU/SJ
Sample : J2444-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DARS4

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM

Quant Time: Apr 25 08:54:27 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	163407	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	687096	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	326378	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	645556	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	589861	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	648792	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	675727	21.56	ng/ul	0.00
10) Fluorene-d10	15.25	176	465869	22.27	ng/ul	0.00
14) Anthracene-d10	17.09	188	647072	21.92	ng/ul	0.00
18) Pyrene-d10	19.40	212	682027	22.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	736296	24.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	37939	1.096	ng/ul	99
9) Acenaphthene	14.31	153	24583	1.147	ng/ul	95
13) Phenanthrene	17.04	178	261007	7.413	ng/ul	99
15) Anthracene	17.13	178	58697	1.662	ng/ul	99
16) Fluoranthene	19.06	202	347477	9.727	ng/ul	95
19) Pyrene	19.43	202	270377	7.136	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	150931	4.280	ng/ul	97
21) Chrysene	21.24	228	140208m	4.231	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	206644m	5.604	ng/ul	
24) Benzo(k)fluoranthene	22.77	252	69735m	1.933	ng/ul	
26) Benzo(a)pyrene	23.30	252	131689	3.737	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.56	276	96582	2.269	ng/ul#	91
29) Benzo(g,h,i)perylene	26.22	276	101610	2.854	ng/ul#	92

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

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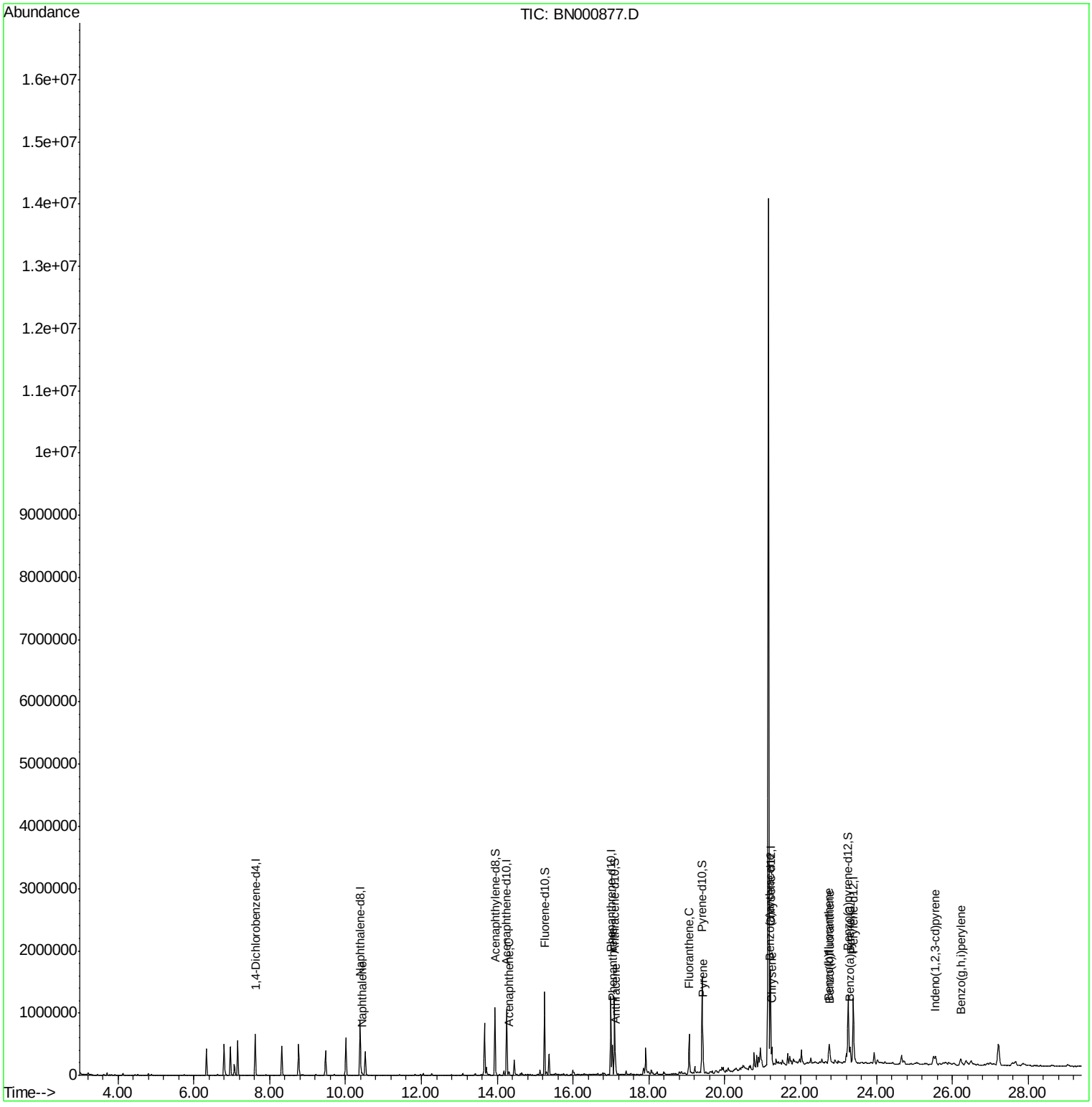
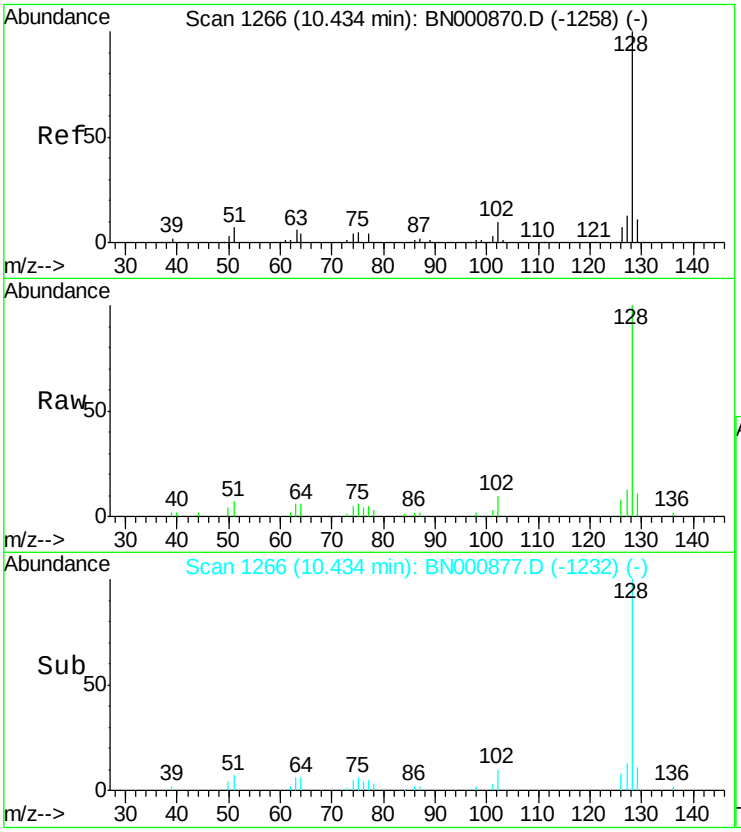
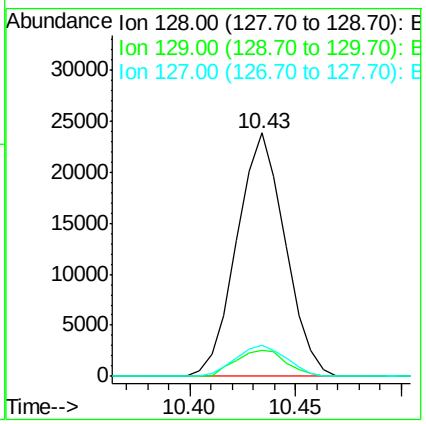




#3
Naphthalene
Concen: 1.096 ng/ul
RT: 10.43 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:128 Resp: 37939

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	12.9	10.6	16.0



Instrument :
BNA_N
ClientSampleId :
DARS4

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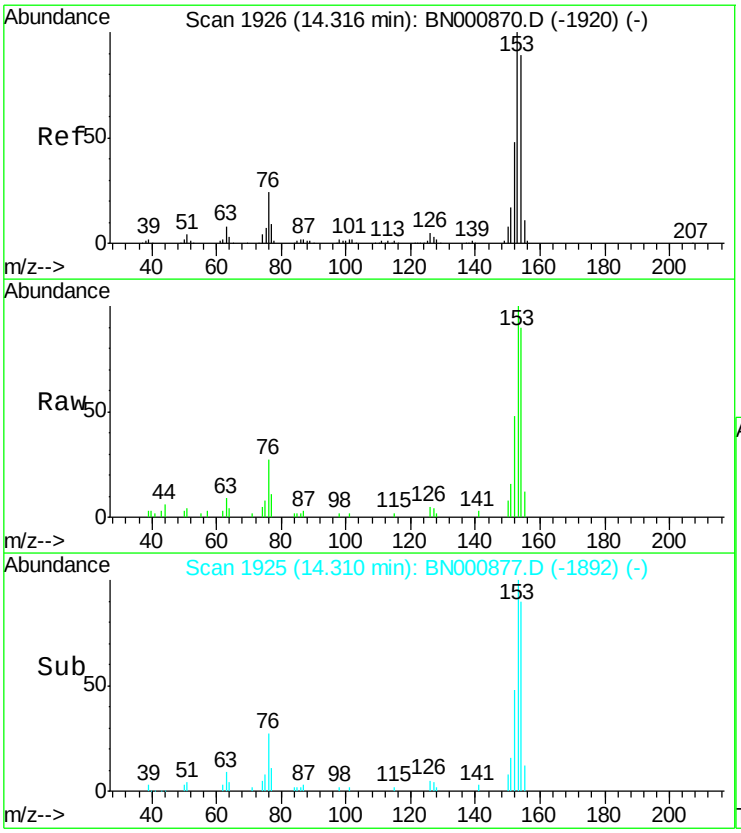
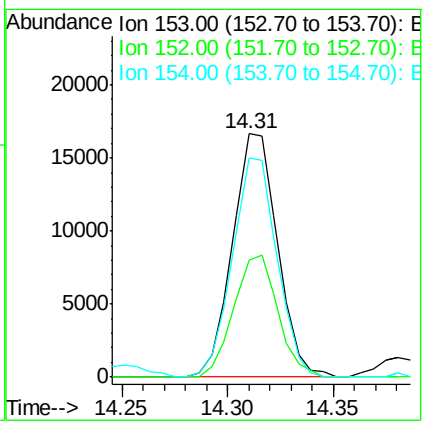
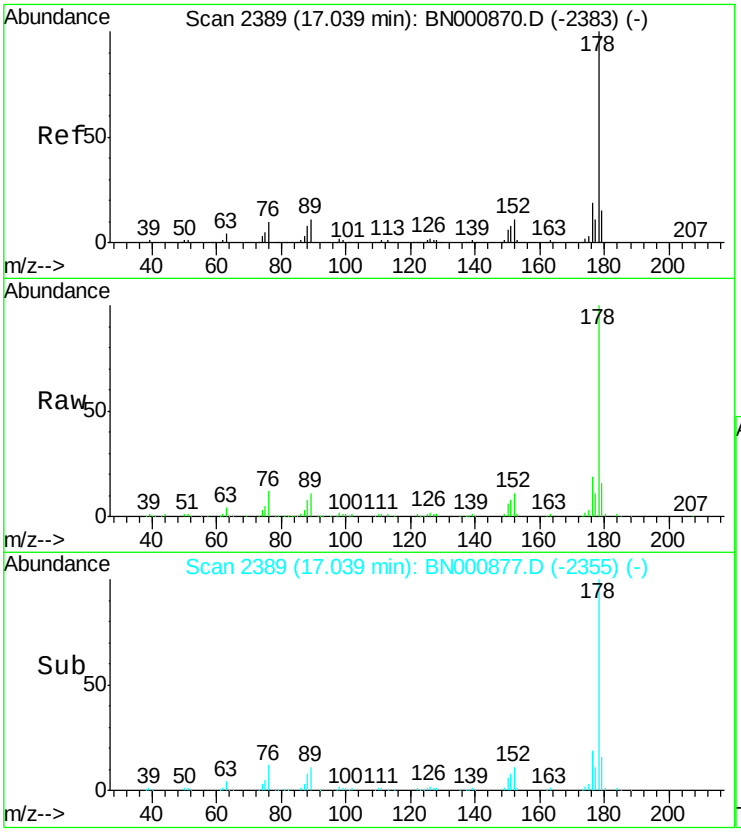


#9
Acenaphthene
Concen: 1.147 ng/ul
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:153 Resp: 24583

Ion	Ratio	Lower	Upper
153	100		
152	48.1	39.0	58.6
154	90.1	66.8	100.2

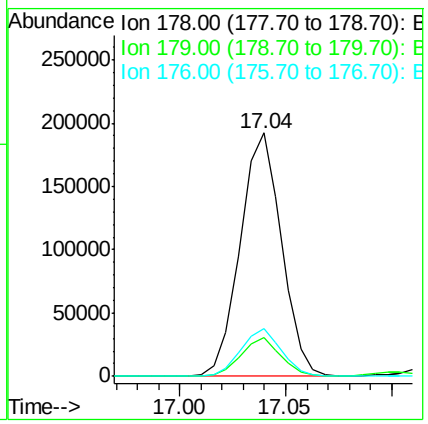




#13
Phenanthrene
Concen: 7.413 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:178 Resp: 261007

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.4	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DARS4

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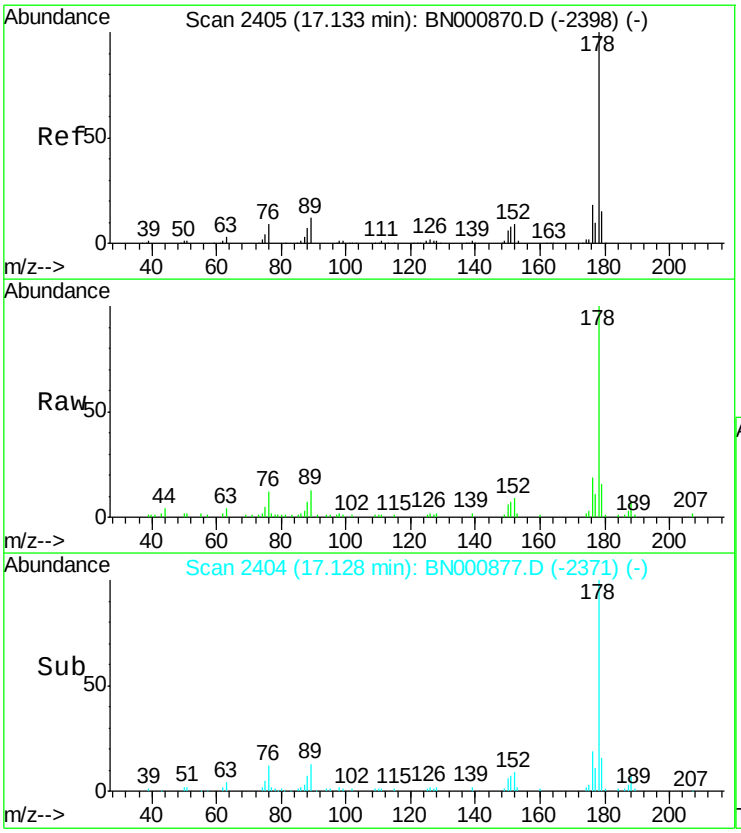
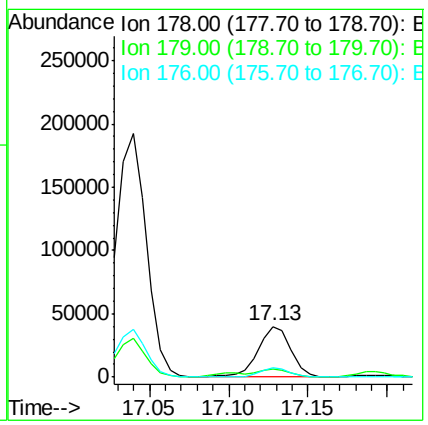
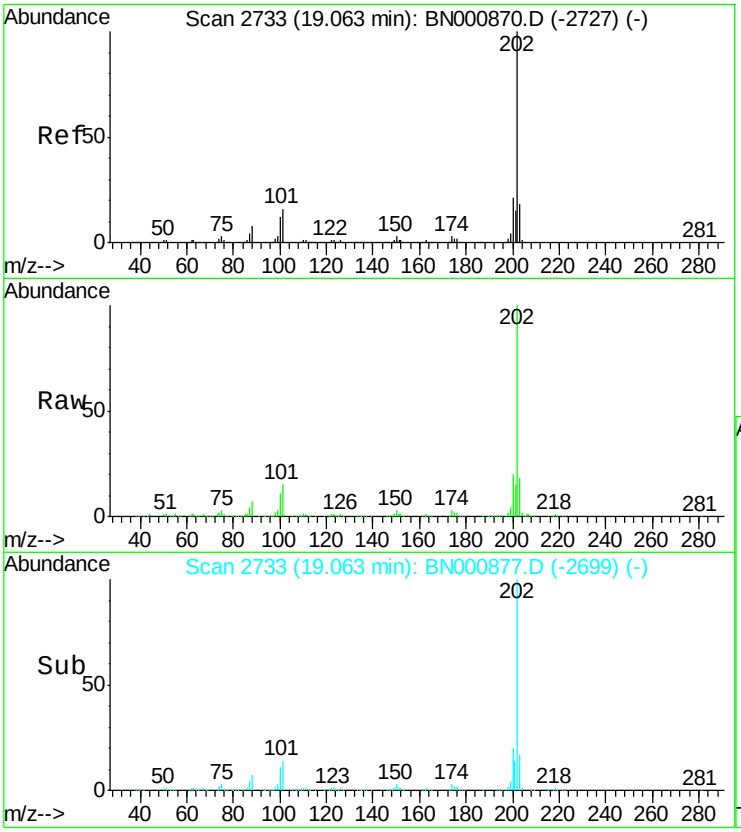


#15
Anthracene
Concen: 1.662 ng/ul
RT: 17.13 min Scan# 2404
Delta R.T. -0.01 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:178 Resp: 58697

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.2	15.2	22.8

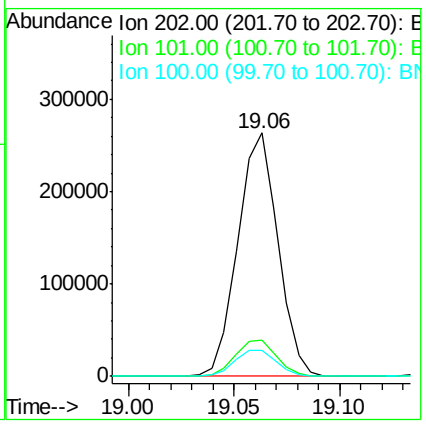




#16
Fluoranthene
Concen: 9.727 ng/ul
RT: 19.06 min Scan# 2733
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:202 Resp: 347477

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.9	14.9
100	10.6	7.4	11.0



Instrument :
BNA_N
ClientSampleId :
DARS4

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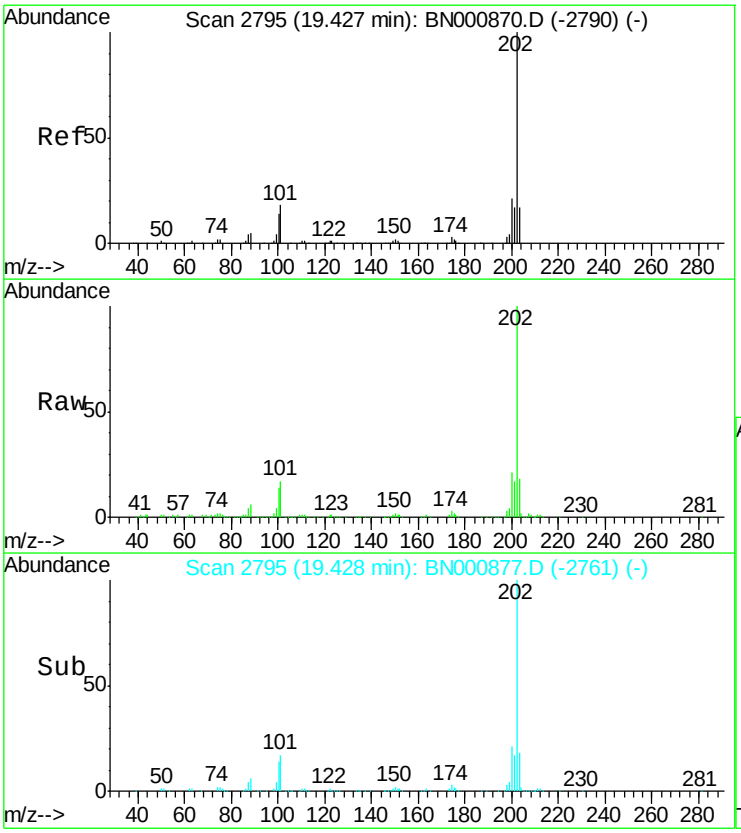
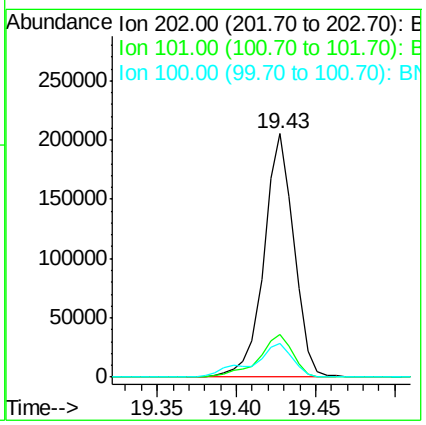
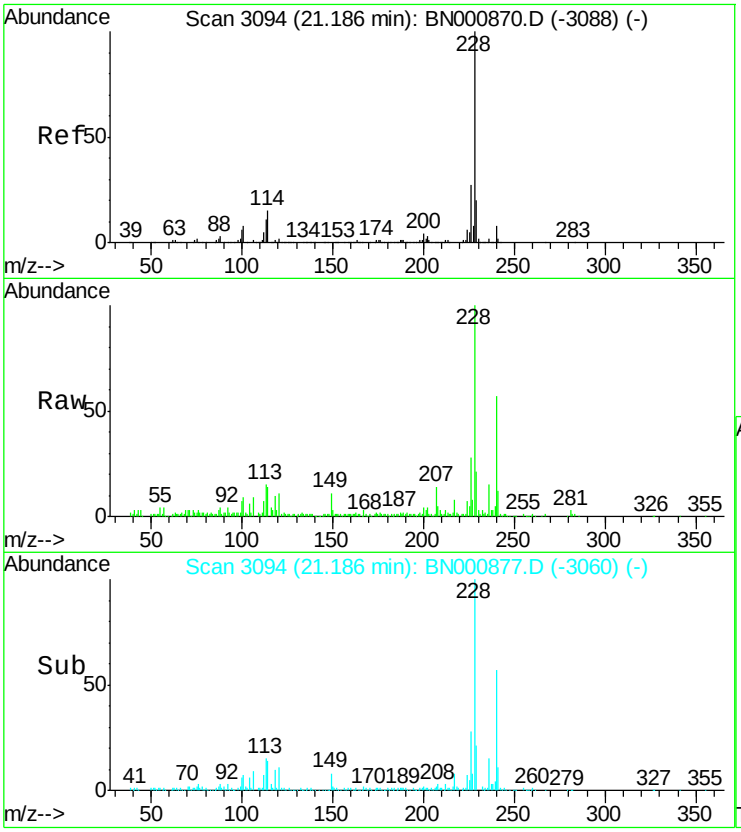


#19
Pyrene
Concen: 7.136 ng/ul
RT: 19.43 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:202 Resp: 270377

Ion	Ratio	Lower	Upper
202	100		
101	17.4	11.0	16.4#
100	14.1	8.1	12.1#

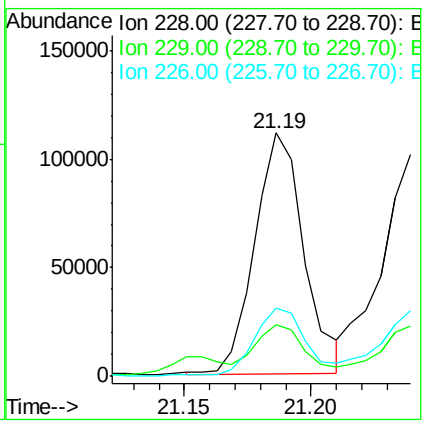




#20
Benzo(a)anthracene
Concen: 4.280 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:228 Resp: 150931

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	27.9	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
DARS4

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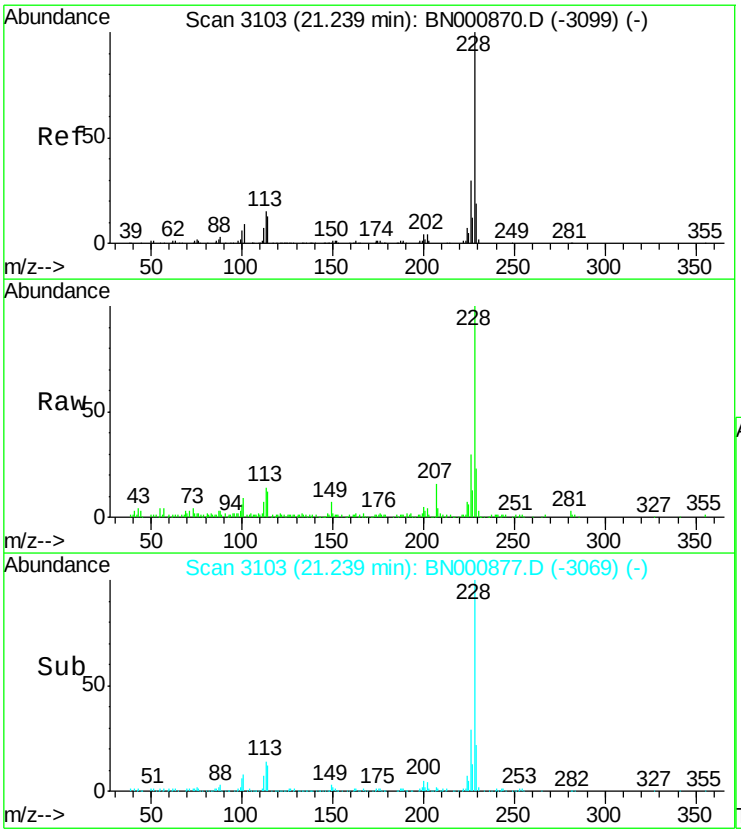
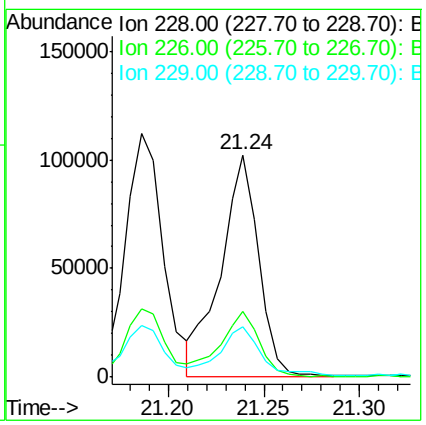
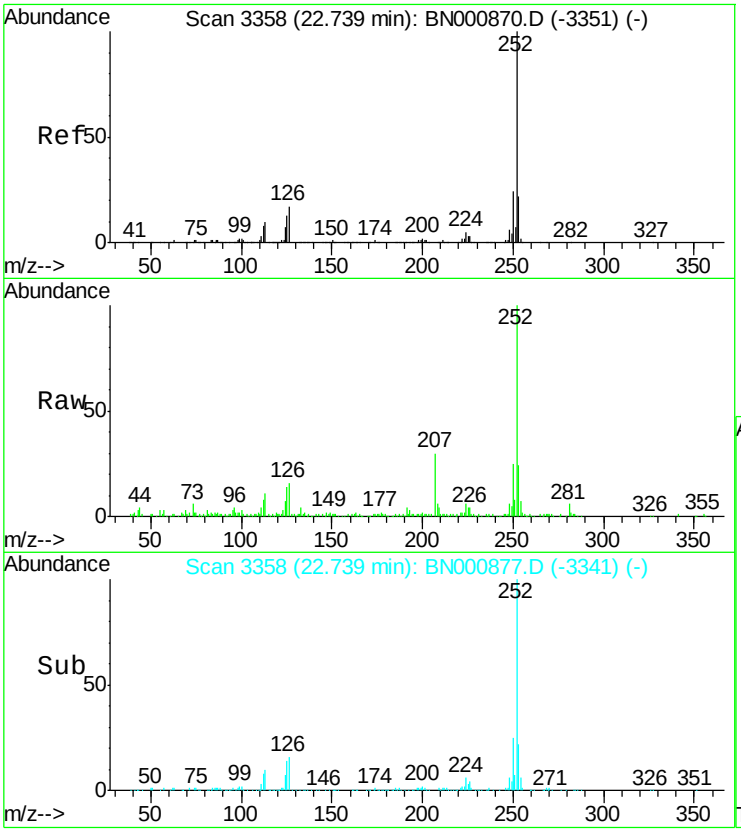


#21
Chrysene
Concen: 4.231 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:228 Resp: 140208

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	22.6	15.8	23.8

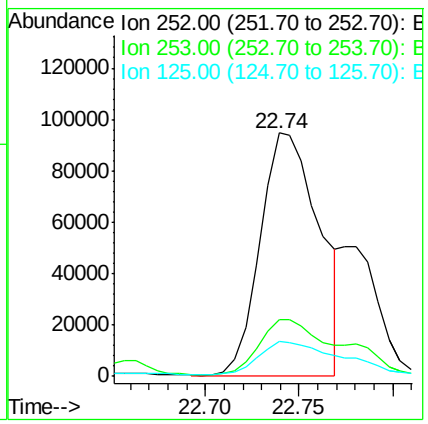




#23
Benzo(b)fluoranthene
Concen: 5.604 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:252 Resp: 206644

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.3	8.0	12.0#



Instrument :
BNA_N
ClientSampleId :
DARS4

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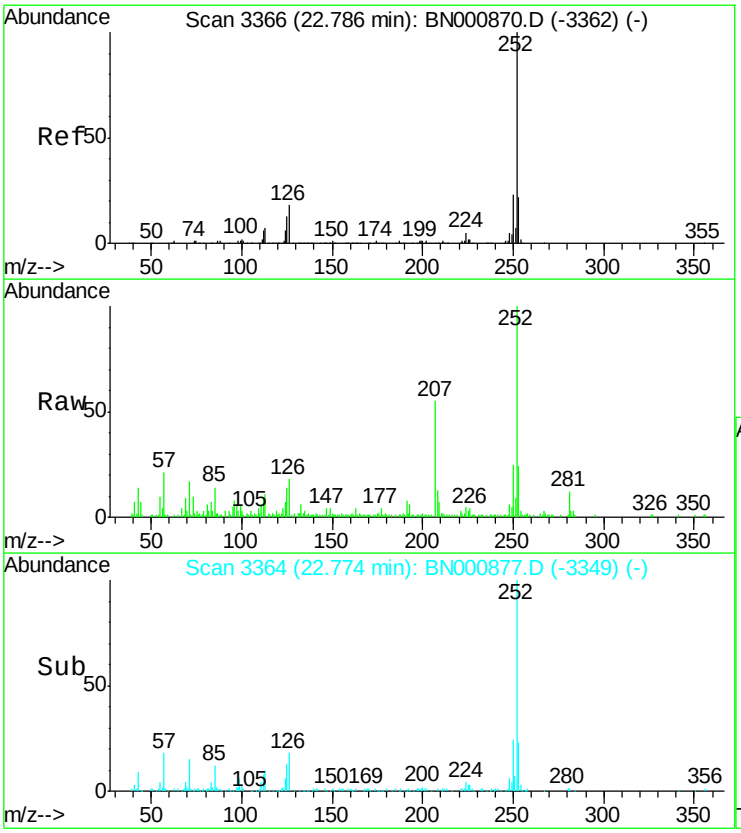
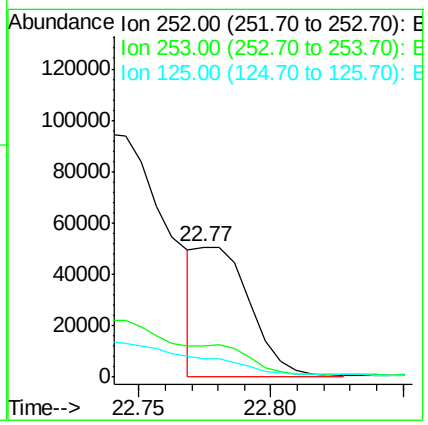
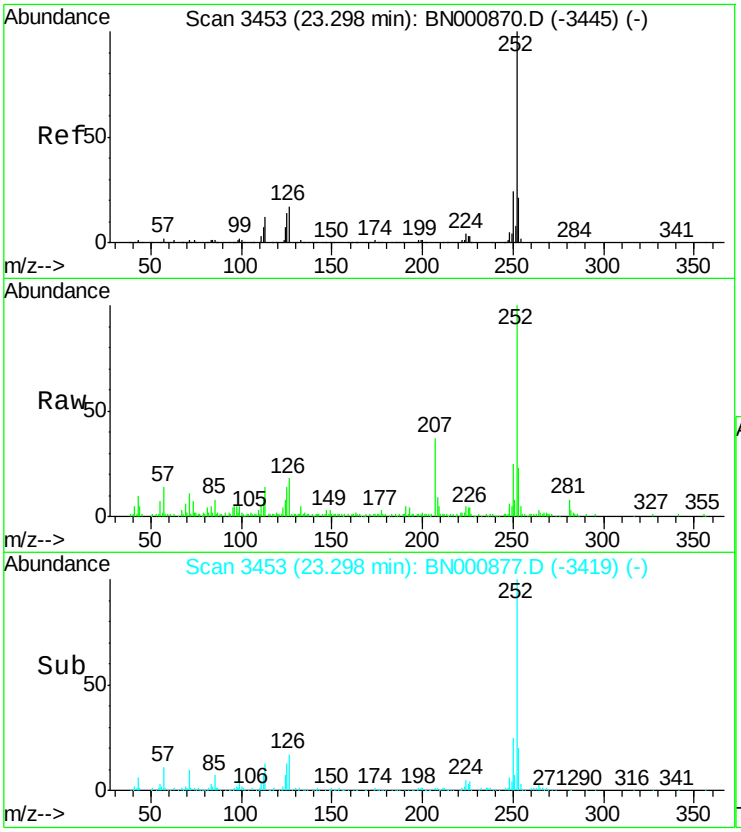


#24
Benzo(k)fluoranthene
Concen: 1.933 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. -0.01 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:252 Resp: 69735

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	14.5	8.1	12.1#

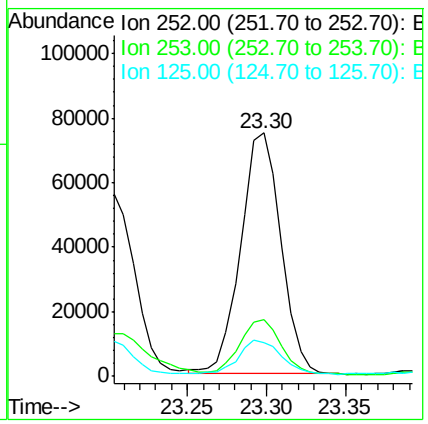




#26
Benzo(a)pyrene
Concen: 3.737 ng/ul
RT: 23.30 min Scan# 3453
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:252 Resp: 131689

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	14.0	8.2	12.4#



Instrument :
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ClientSampleId :
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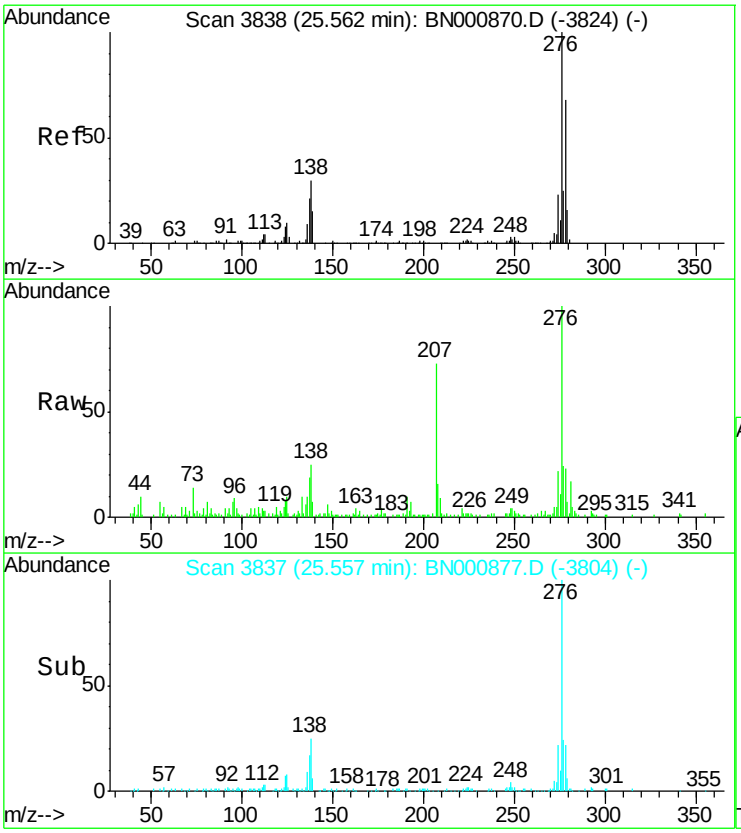
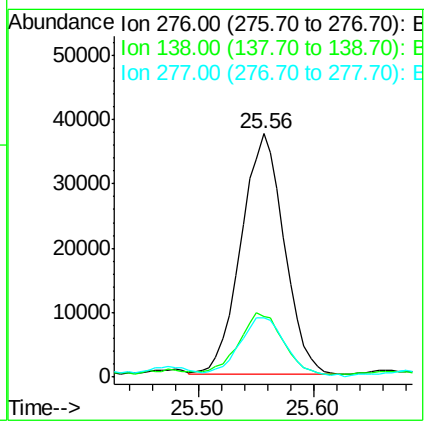
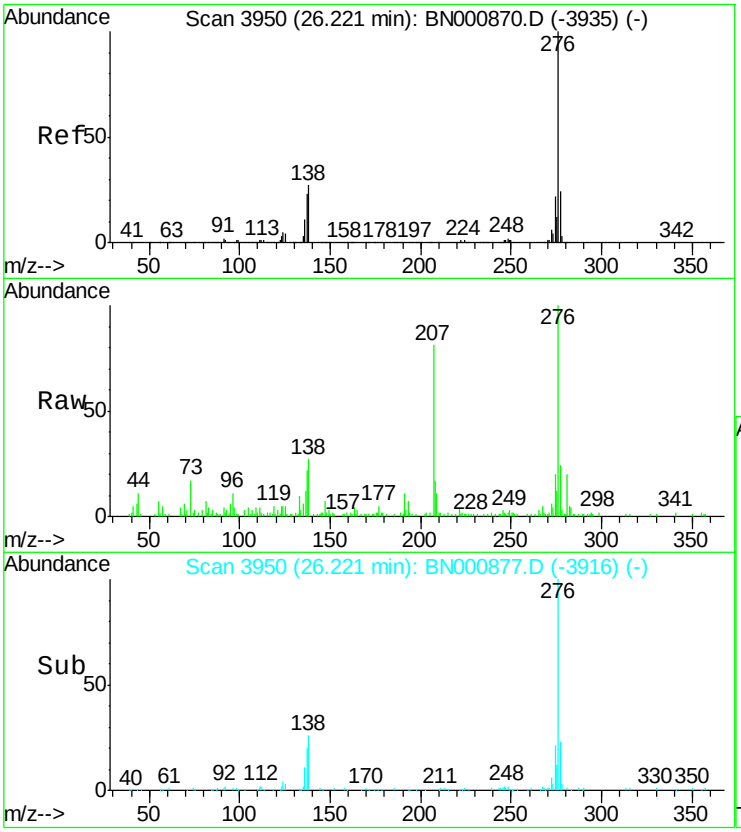


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.269 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:276 Resp: 96582

Ion	Ratio	Lower	Upper
276	100		
138	24.8	14.4	21.6#
277	24.5	18.0	27.0

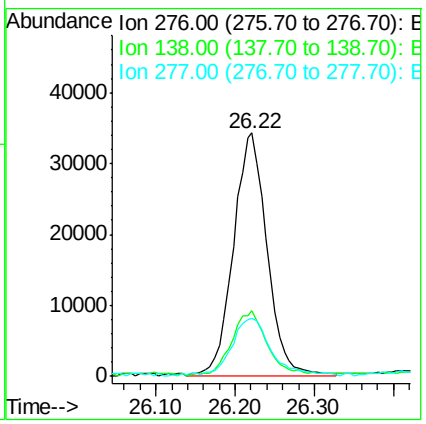




#29
Benzo(g,h,i)perylene
Concen: 2.854 ng/ul
RT: 26.22 min Scan# 3950
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:276 Resp: 101610

Ion	Ratio	Lower	Upper
276	100		
138	27.1	15.3	22.9#
277	23.9	19.0	28.4



Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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