Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001120.D
Acq On : 03 May 2018 22:42
Operator : JU/SJ
Sample : J2633-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations APPROVED
Sohil
5/4/2018 1:33:45 PM

Quant Time: May 04 08:40:46 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	97102	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	398482	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	198621	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	404866	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	389344	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	438443	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	414443	21.73	ng/ul	0.00
10) Fluorene-d10	15.26	176	283471	22.26	ng/ul	0.00
14) Anthracene-d10	17.10	188	431438	23.30	ng/ul	0.00
18) Pyrene-d10	19.42	212	449956	22.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.29	264	521614	25.19	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	13.97	152	44985	2.383	ng/ul	98
9) Acenaphthene	14.32	153	36111	2.768	ng/ul	97
11) Fluorene	15.31	166	52551	3.784	ng/ul	91
13) Phenanthrene	17.05	178	1274206	57.704	ng/ul	99
15) Anthracene	17.14	178	303509	13.703	ng/ul	99
16) Fluoranthene	19.08	202	2121601	94.700	ng/ul#	93
19) Pyrene	19.45	202	1561484	62.439	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	958461m	41.182	ng/ul	
21) Chrysene	21.26	228	896636m	40.989	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	1072644m	43.049	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	343498m	14.088	ng/ul	
26) Benzo(a)pyrene	23.33	252	625805	26.280	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.62	276	427685	14.870	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.62	278	135658	5.659	ng/ul#	83
29) Benzo(g,h,i)perylene	26.29	276	382748	15.911	ng/ul#	92

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

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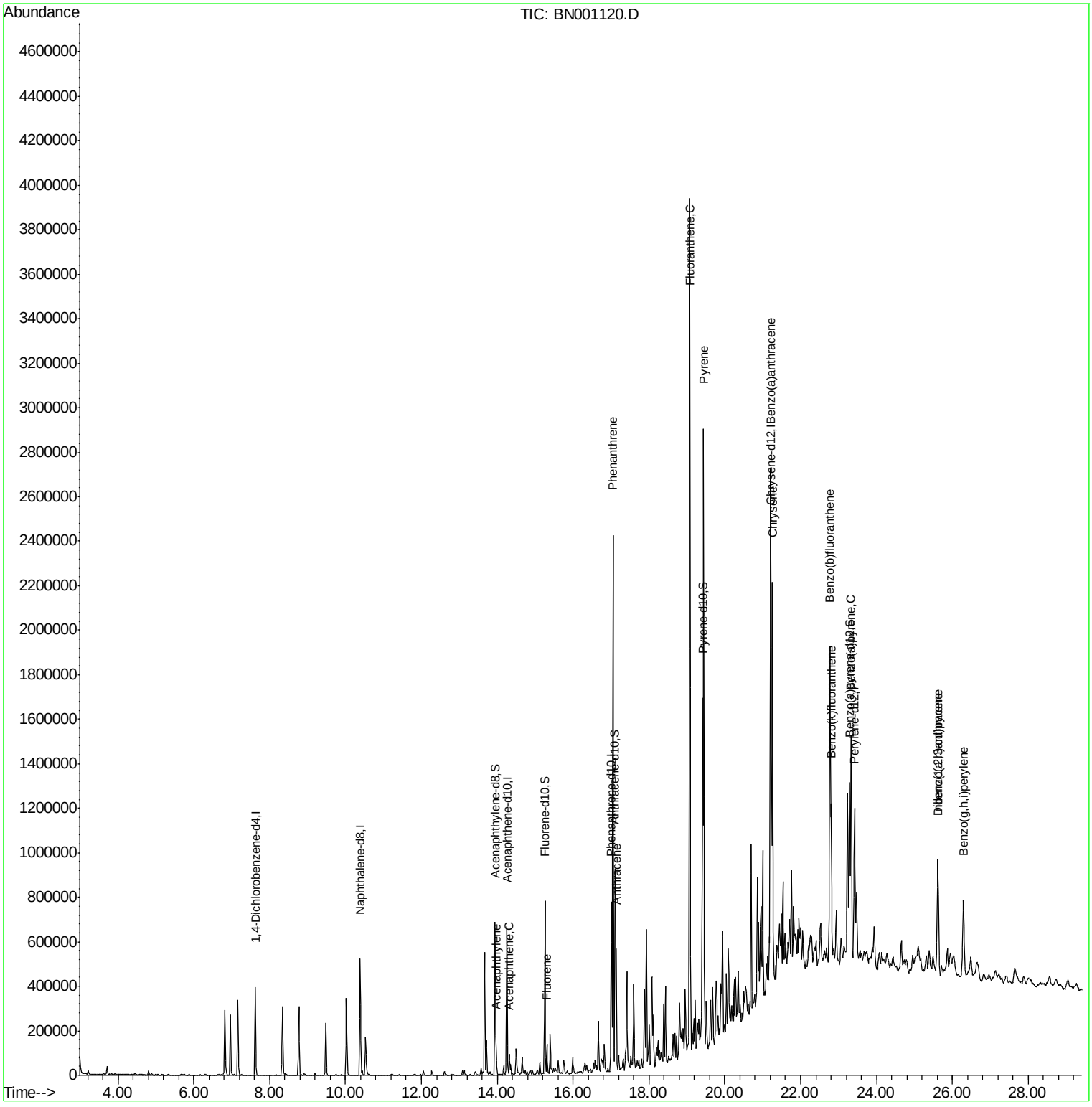
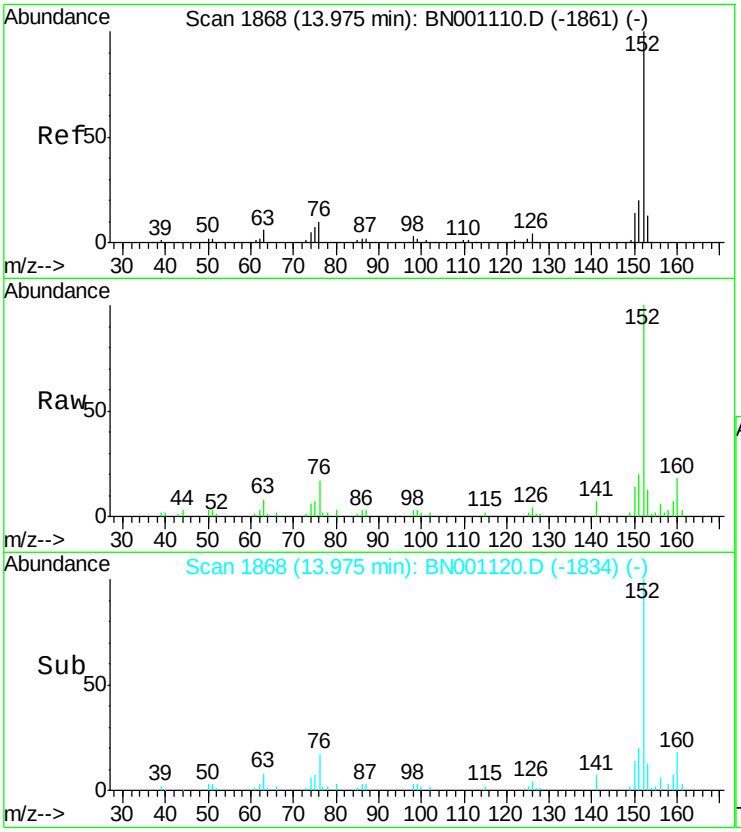
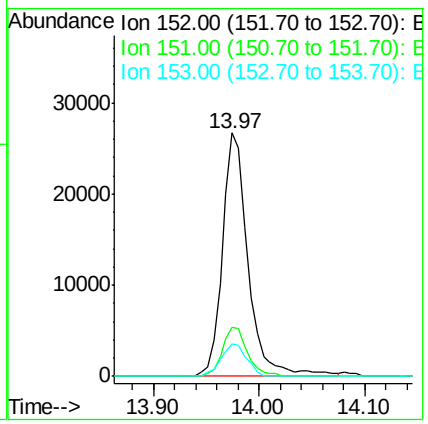




#8
Acenaphthylene
Concen: 2.383 ng/ul
RT: 13.97 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:152 Resp: 44985

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.7	25.1
153	13.4	10.2	15.4



Instrument :
BNA_N
ClientSampleId :
DAS98

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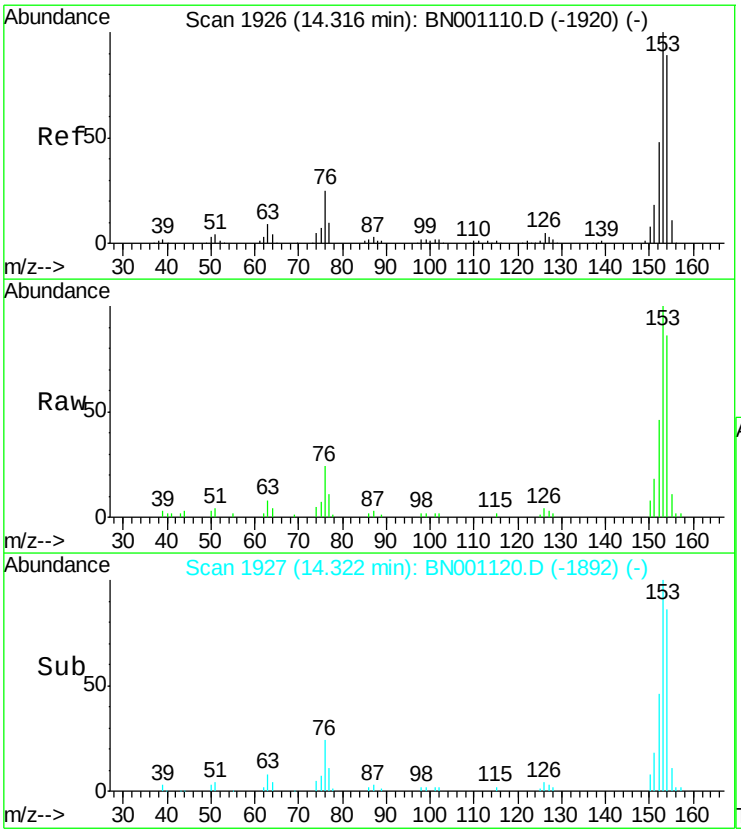
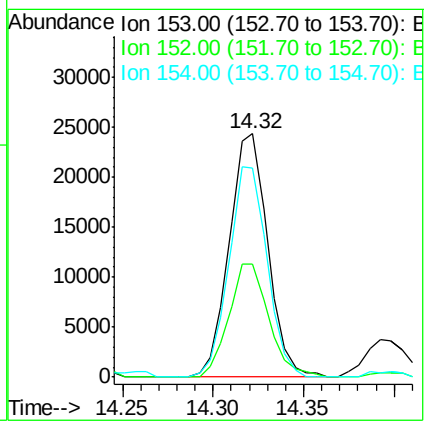
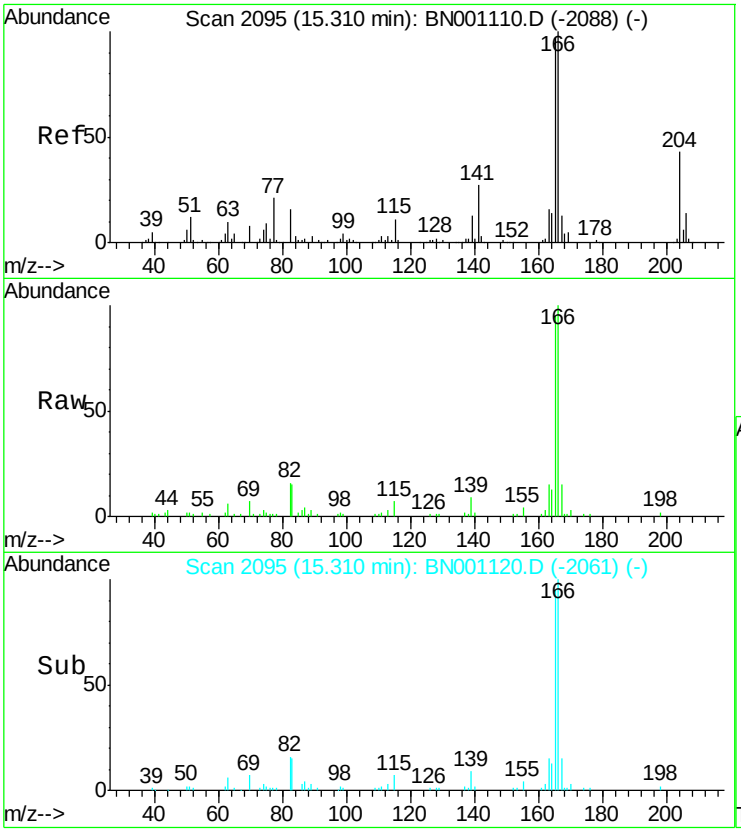


#9
Acenaphthene
Concen: 2.768 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:153 Resp: 36111

Ion	Ratio	Lower	Upper
153	100		
152	46.2	39.0	58.6
154	86.1	66.8	100.2

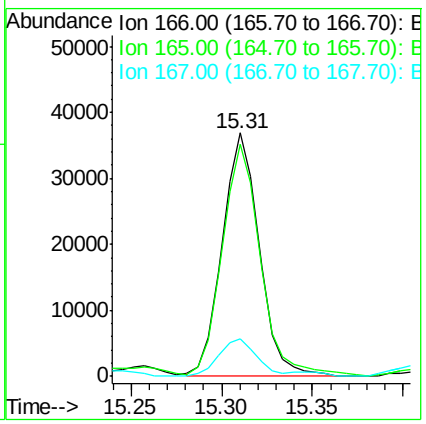




#11
Fluorene
Concen: 3.784 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:166 Resp: 52551

Ion	Ratio	Lower	Upper
166	100		
165	95.1	83.8	125.8
167	15.4	11.5	17.3



Instrument :
BNA_N
ClientSampleId :
DAS98

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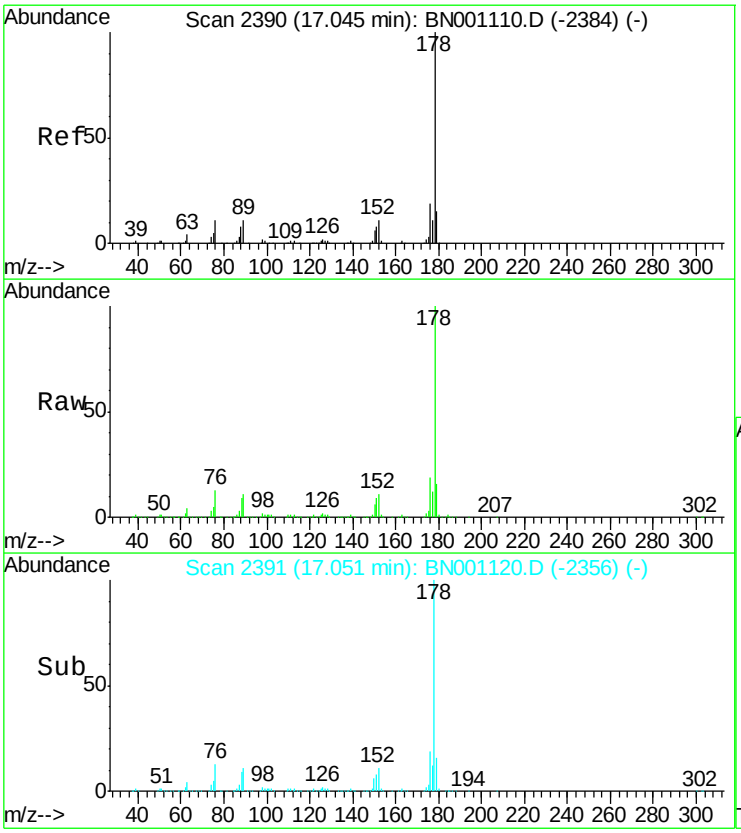
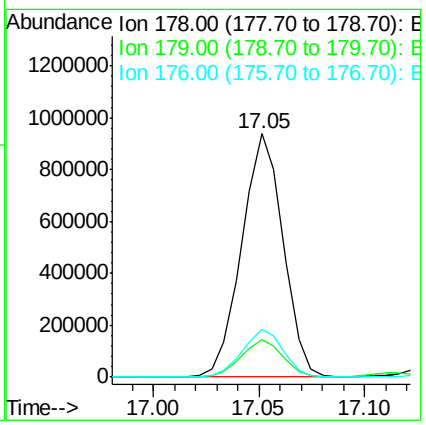
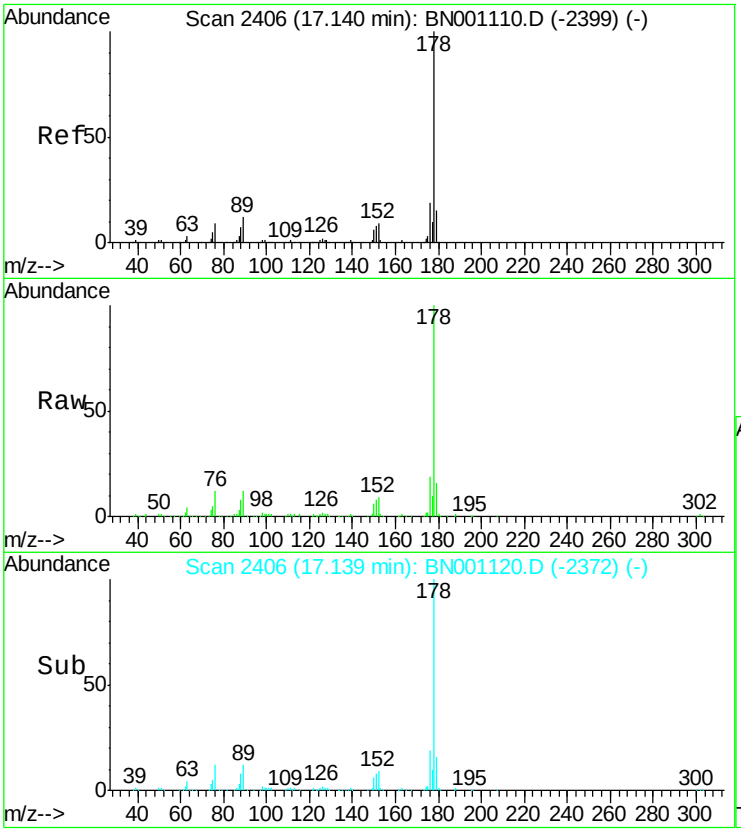


#13
Phenanthrene
Concen: 57.704 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:178 Resp: 1274206

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.1	22.7

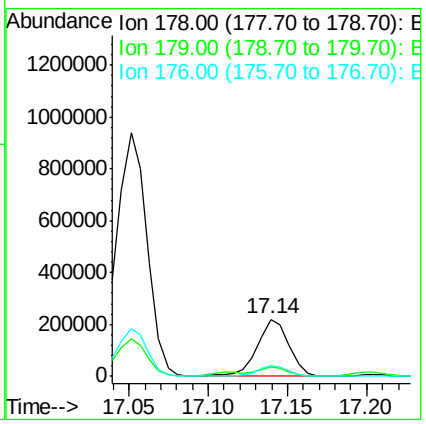




#15
Anthracene
Concen: 13.703 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:178 Resp: 303509

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.9	15.2	22.8



Instrument :
BNA_N
ClientSampleId :
DAS98

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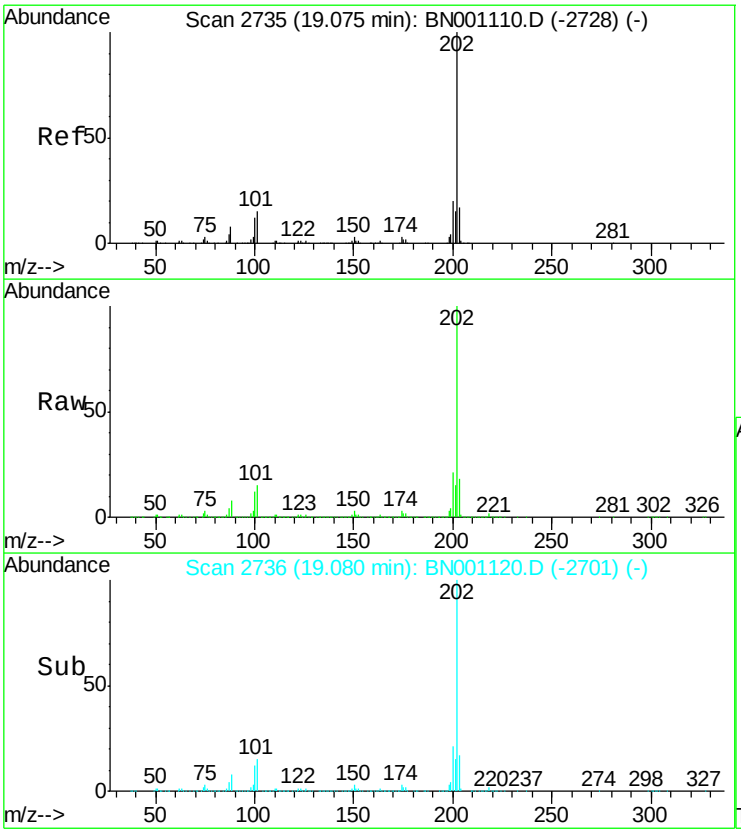
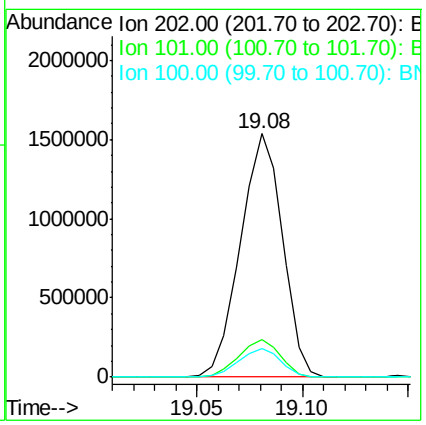
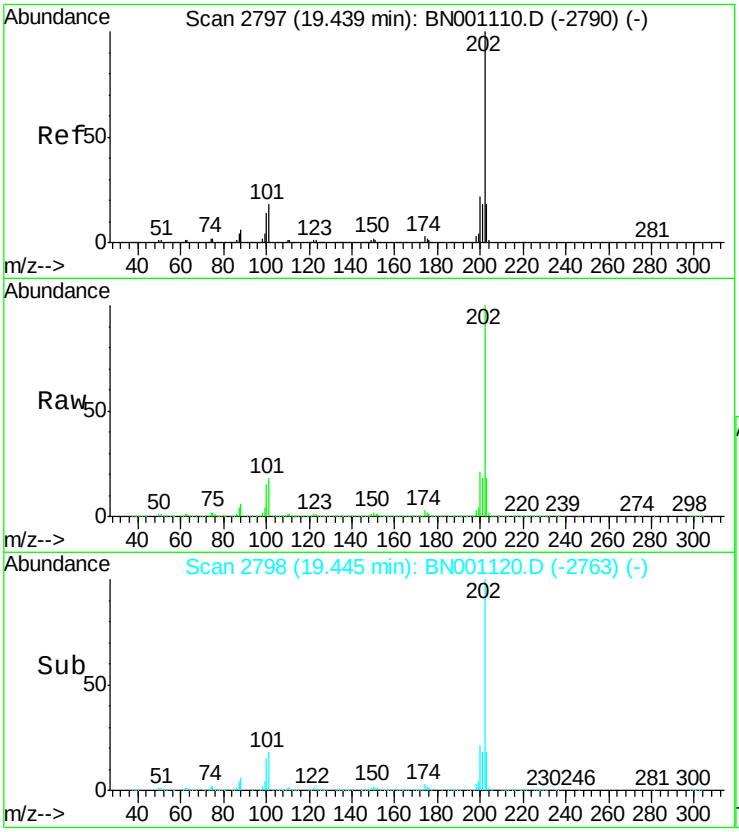


#16
Fluoranthene
Concen: 94.700 ng/ul
RT: 19.08 min Scan# 2736
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:202 Resp: 2121601

Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.6	7.4	11.0#

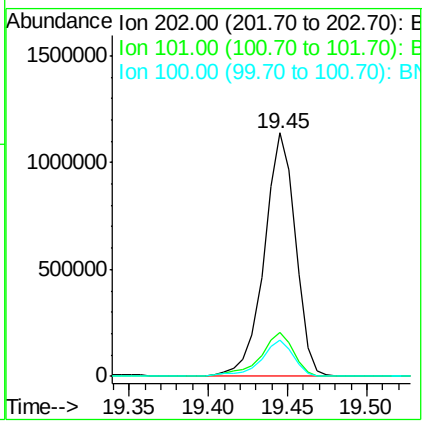




#19
Pyrene
Concen: 62.439 ng/ul
RT: 19.45 min Scan# 2798
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:202 Resp: 1561484

Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	14.7	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAS98

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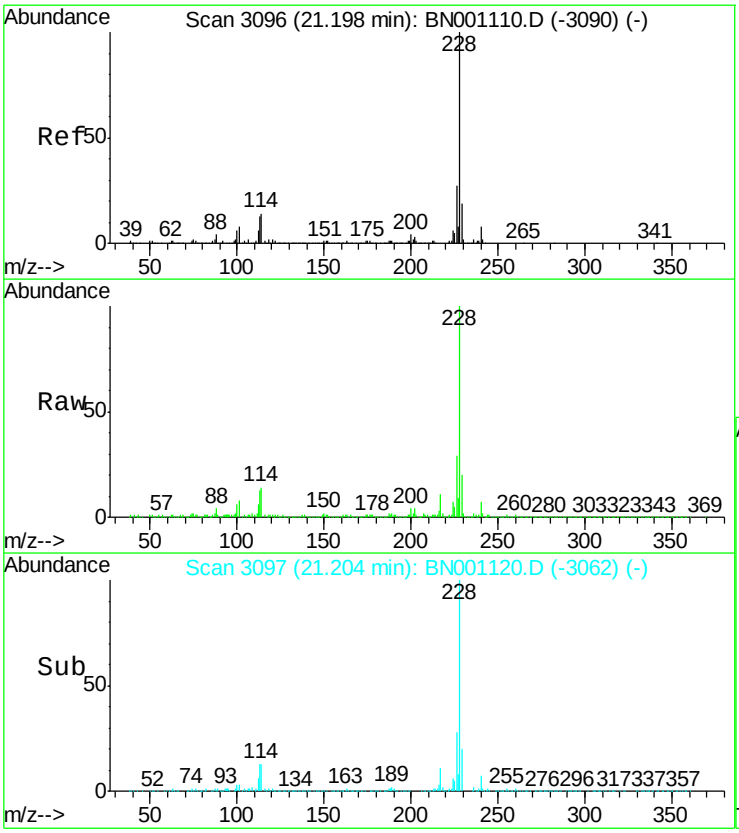
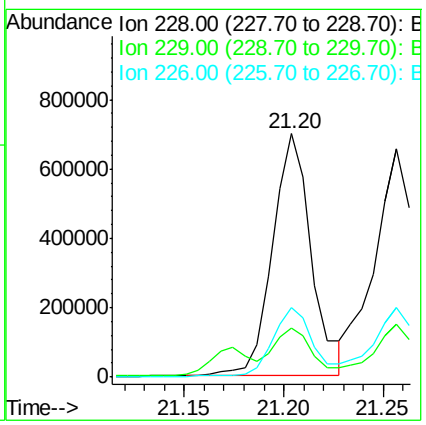
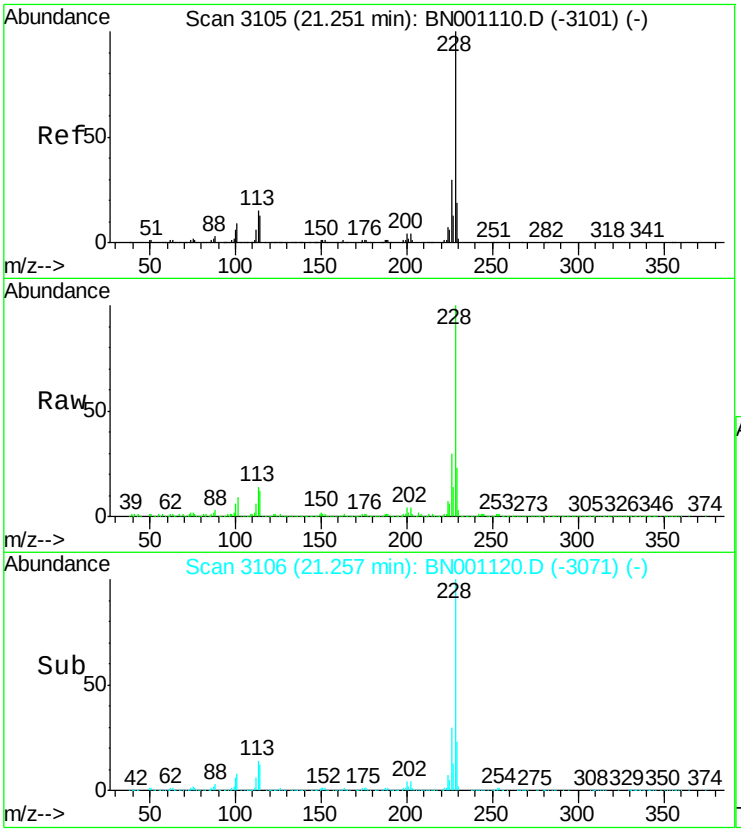


#20
Benzo(a)anthracene
Concen: 41.182 ng/ul m
RT: 21.20 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:228 Resp: 958461

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.6	21.1	31.7

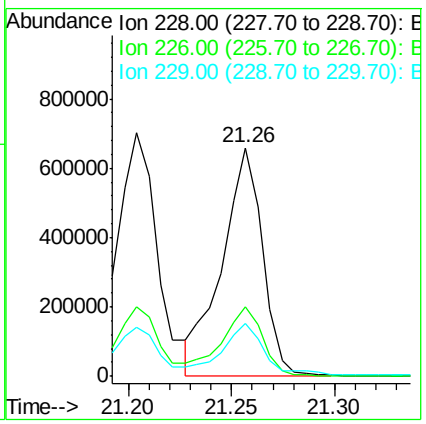




#21
Chrysene
Concen: 40.989 ng/ul m
RT: 21.26 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:228 Resp: 896636

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.9	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAS98

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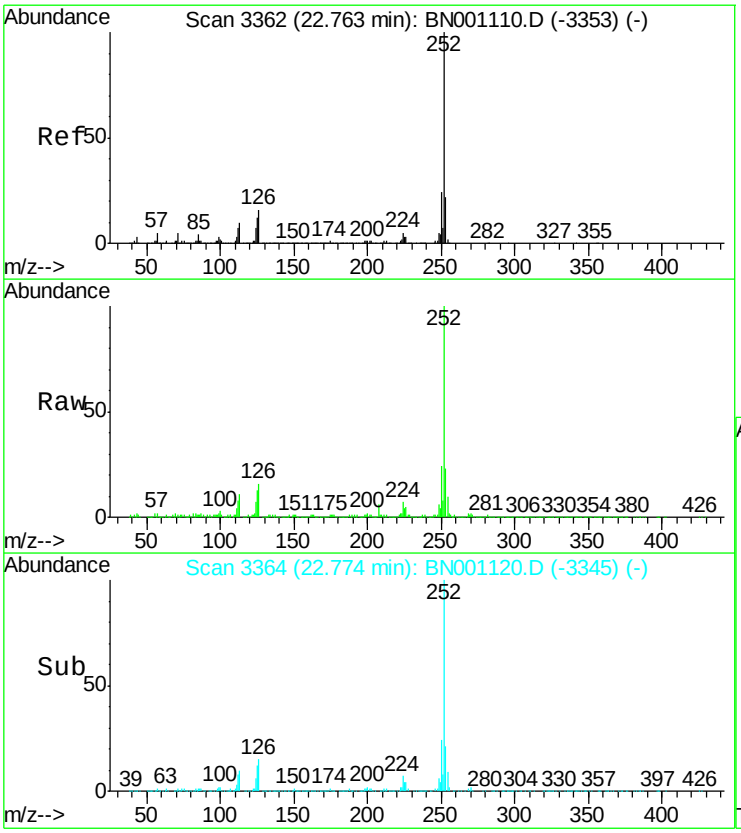
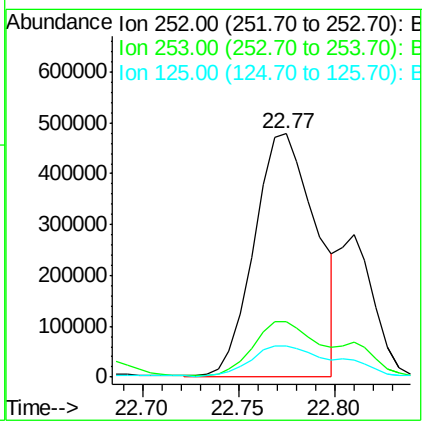
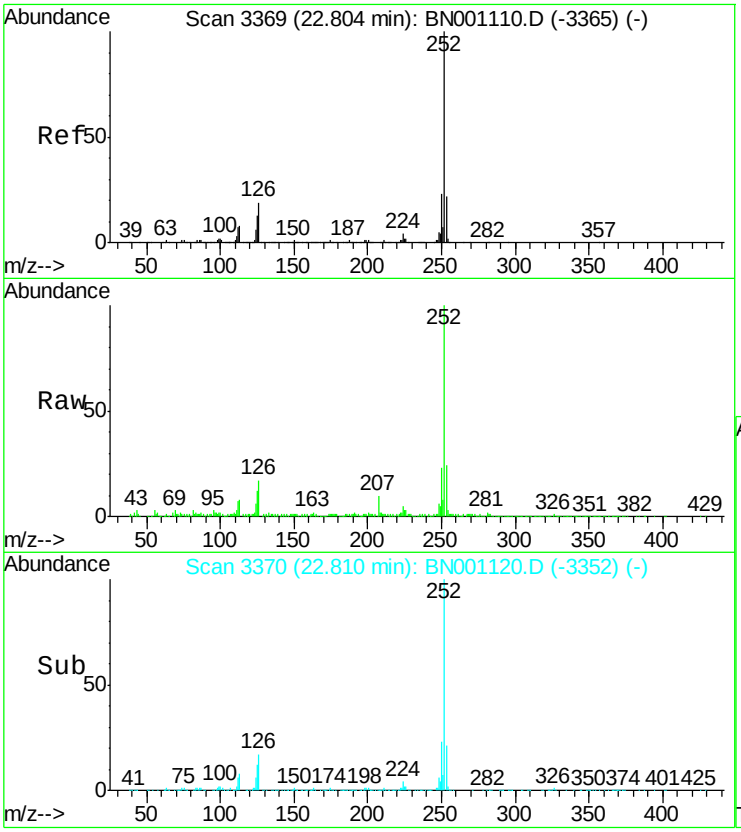


#23
Benzo(b)fluoranthene
Concen: 43.049 ng/ul m
RT: 22.77 min Scan# 3364
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:252 Resp: 1072644

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.9	8.0	12.0#

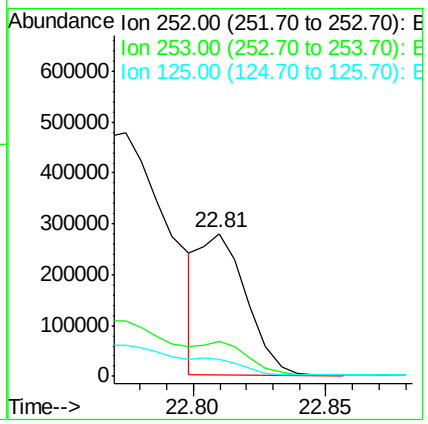




#24
Benzo(k)fluoranthene
Concen: 14.088 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:252 Resp: 343498

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	12.2	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
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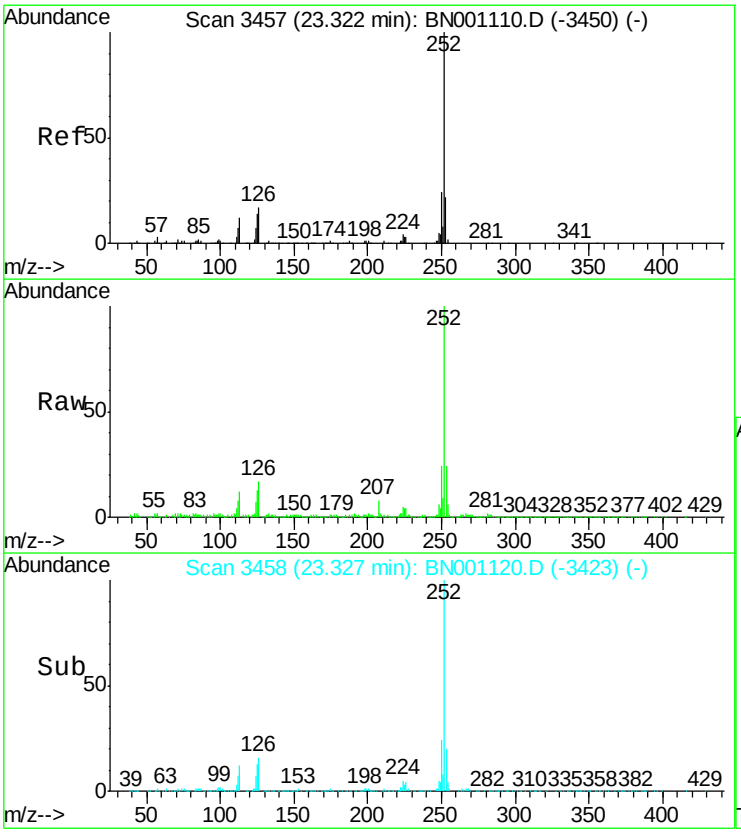
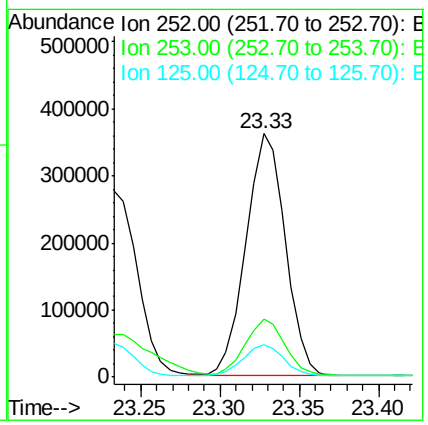
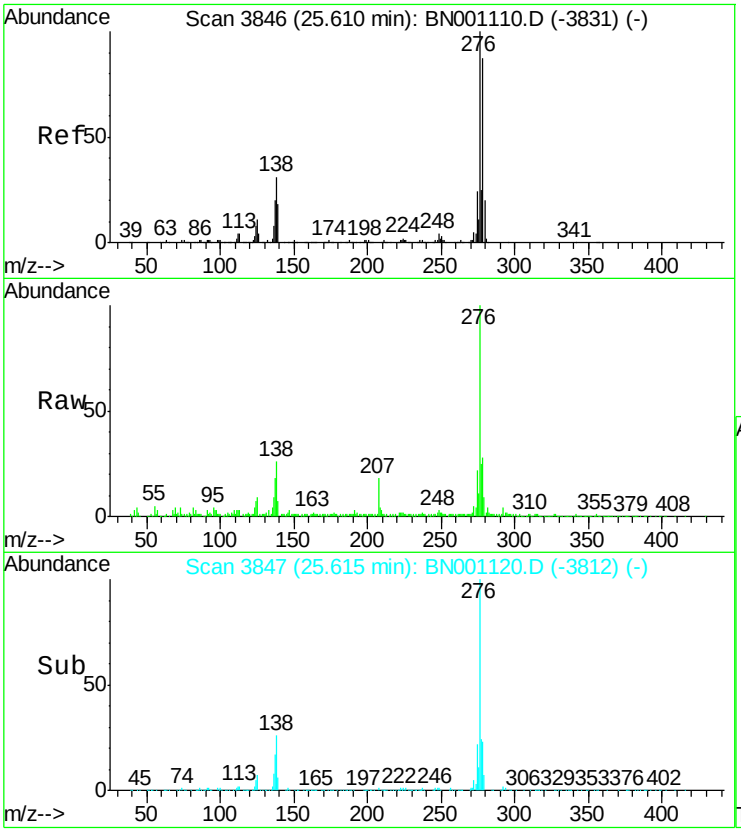


#26
Benzo(a)pyrene
Concen: 26.280 ng/ul
RT: 23.33 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:252 Resp: 625805

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	13.4	8.2	12.4#





#27
Indeno(1,2,3-cd)pyrene
Concen: 14.870 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. 0.01 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:276 Resp: 427685

Ion	Ratio	Lower	Upper
276	100		
138	25.7	14.4	21.6#
277	25.0	18.0	27.0

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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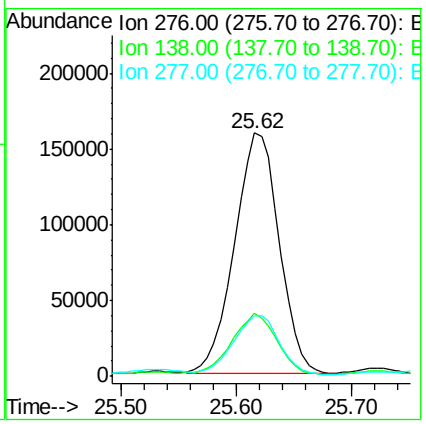
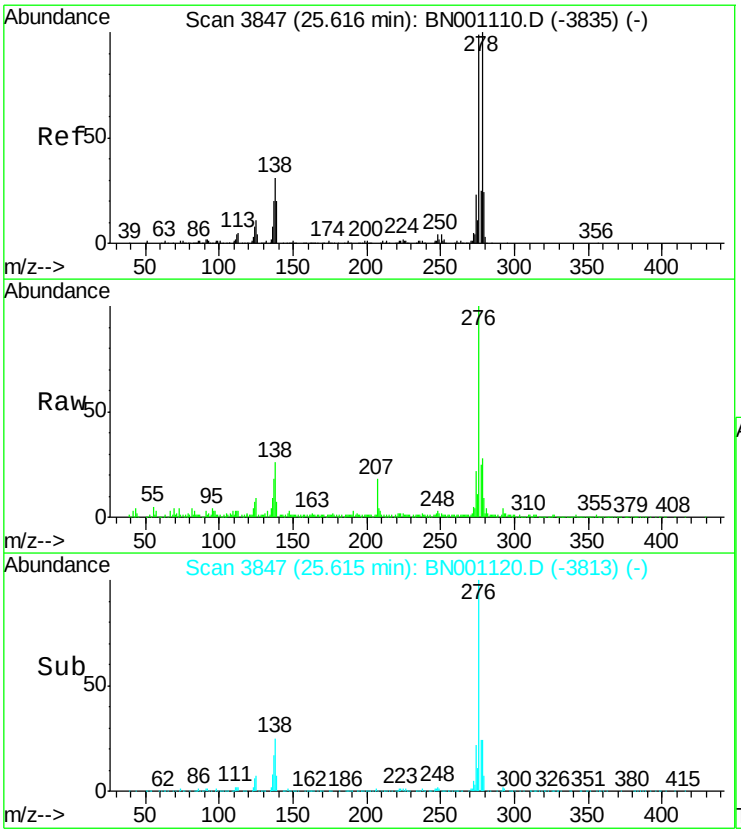
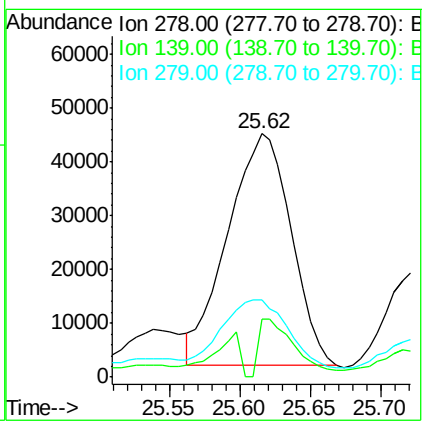


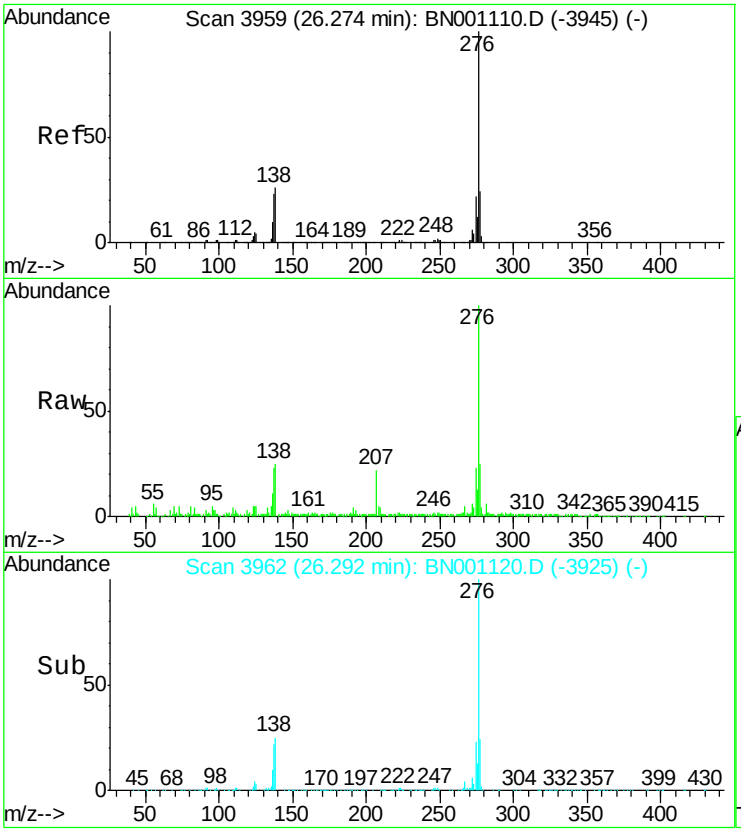


#28
Dibenzo(a,h)anthracene
Concen: 5.659 ng/ul
RT: 25.62 min Scan# 3847
Delta R.T. -0.00 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:278 Resp: 135658

Ion	Ratio	Lower	Upper
278	100		
139	23.9	12.2	18.4#
279	31.6	19.2	28.8#

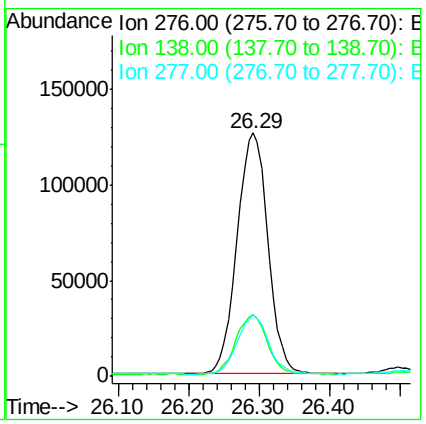




#29
Benzo(g,h,i)perylene
Concen: 15.911 ng/ul
RT: 26.29 min Scan# 3962
Delta R.T. 0.02 min
Lab File: BN001120.D
Acq: 03 May 2018 22:42

Tgt Ion:276 Resp: 382748

Ion	Ratio	Lower	Upper
276	100		
138	25.4	15.3	22.9#
277	25.2	19.0	28.4



Instrument :
BNA_N
ClientSampleId :
DAS98

Manual Integrations APPROVED
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