Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
Data File : BN001019.D
Acq On : 01 May 2018 06:18
Operator : JU/SJ
Sample : J2599-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAT28

Manual Integrations APPROVED
Sohil
5/1/2018 7:08:41 PM

Quant Time: May 01 07:37:41 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 01 01:47:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	164127	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	706118	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	344427	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	623328	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	504003	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	543172	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	572216	17.30	ng/ul	0.00
10) Fluorene-d10	15.25	176	391037	17.71	ng/ul	0.00
14) Anthracene-d10	17.10	188	503830	17.68	ng/ul	0.00
18) Pyrene-d10	19.40	212	491016	19.01	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	513191	20.00	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.04	178	50453	1.484	ng/ul	98
16) Fluoranthene	19.07	202	160395	4.650	ng/ul#	94
19) Pyrene	19.43	202	132379	4.089	ng/ul#	93
20) Benzo(a)anthracene	21.19	228	55821	1.853	ng/ul	96
21) Chrysene	21.24	228	80517m	2.843	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	119769m	3.880	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	39162m	1.297	ng/ul	
26) Benzo(a)pyrene	23.30	252	66646	2.259	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.57	276	60927	1.710	ng/ul#	88
29) Benzo(g,h,i)perylene	26.24	276	60823	2.041	ng/ul#	91

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

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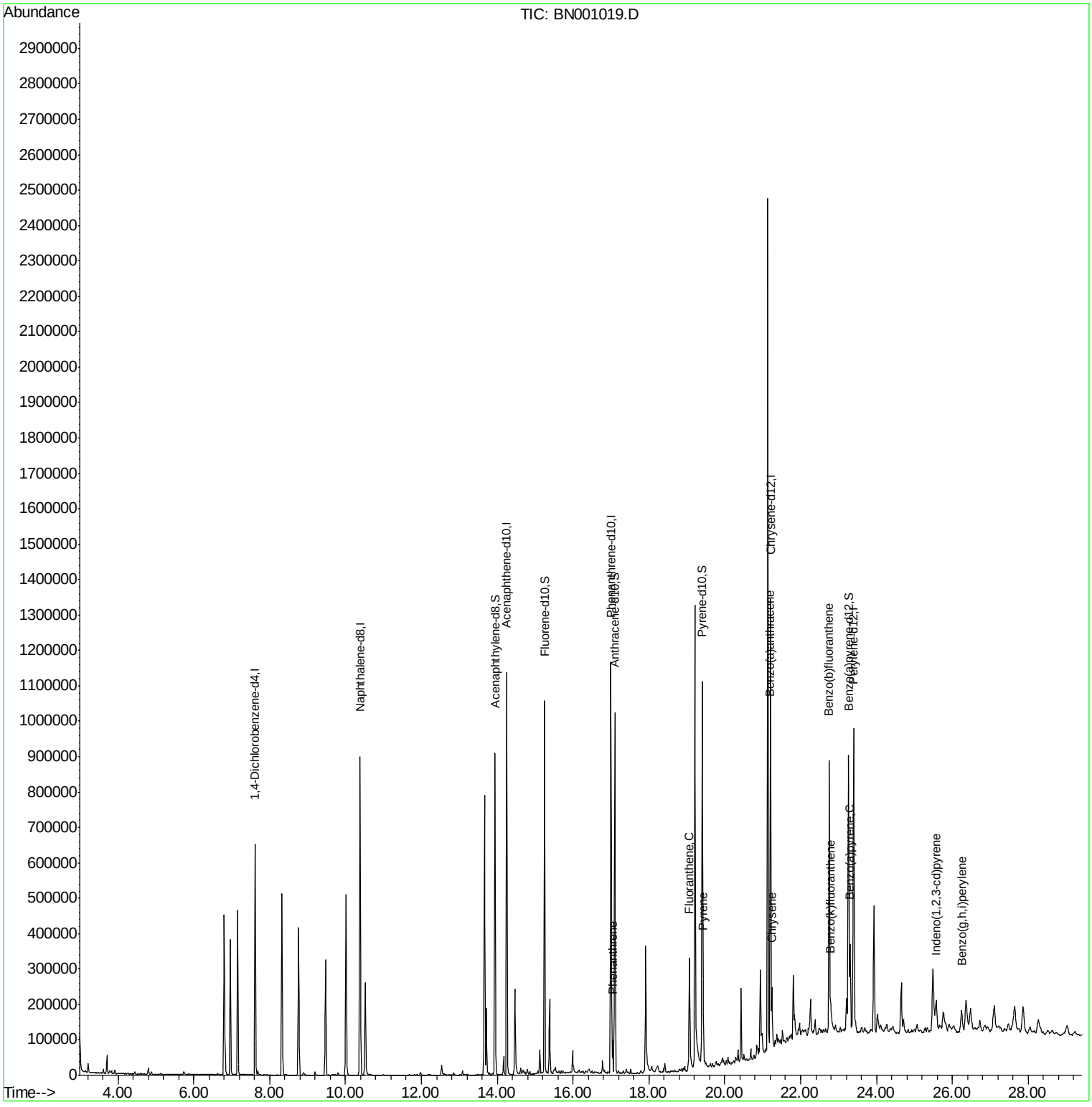
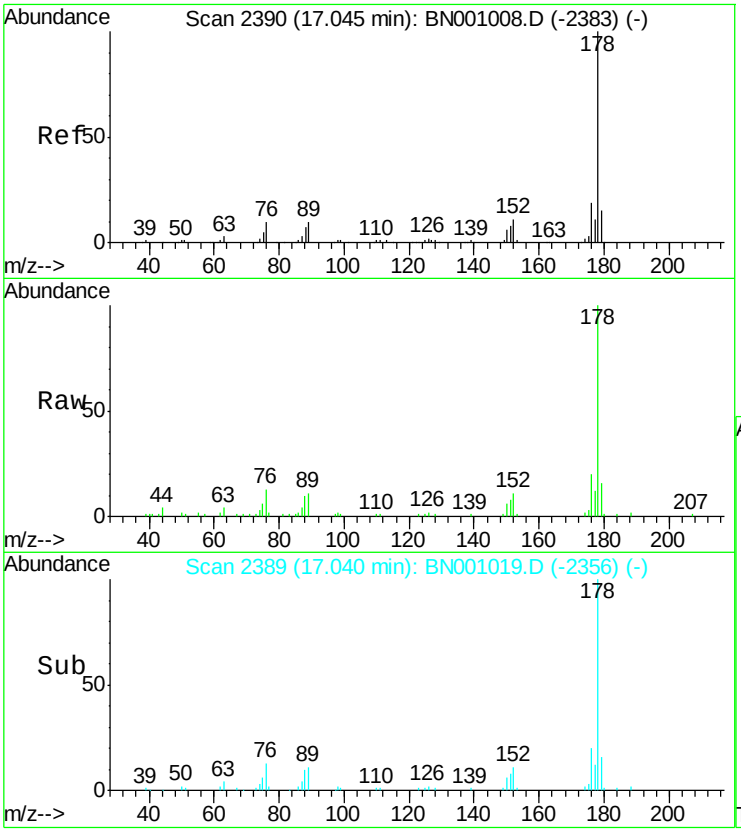
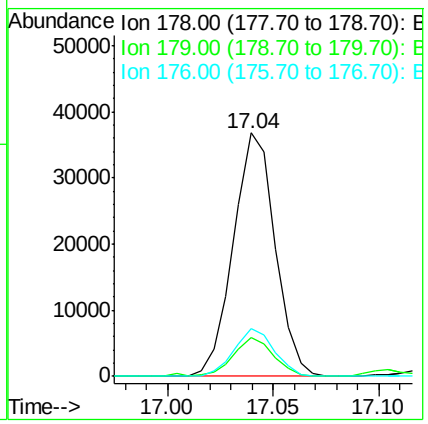




#13
Phenanthrene
Concen: 1.484 ng/ul
RT: 17.04 min Scan# 2389
Delta R.T. -0.01 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:178 Resp: 50453

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.6	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAT28

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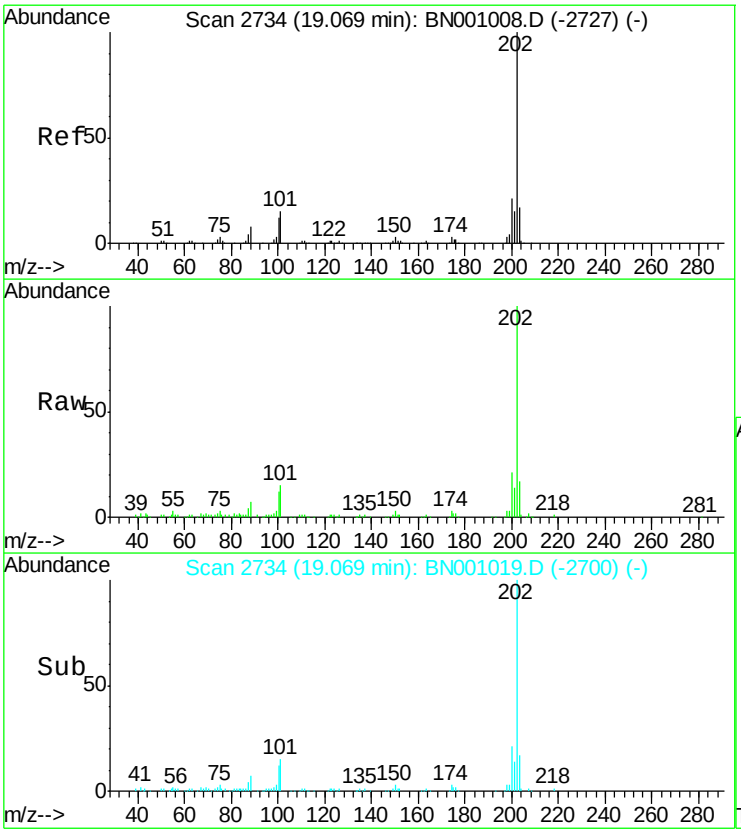
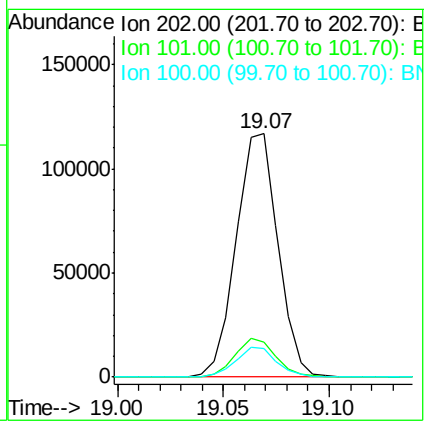
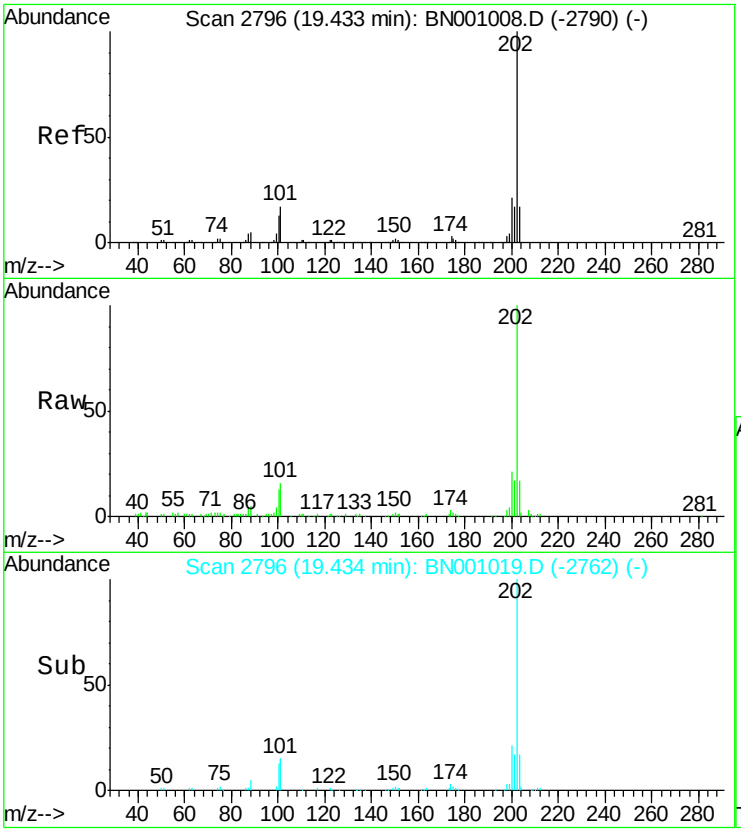


#16
Fluoranthene
Concen: 4.650 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:202 Resp: 160395

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	11.6	7.4	11.0#





#19
Pyrene
Concen: 4.089 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. 0.00 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:202 Resp: 132379

Ion	Ratio	Lower	Upper
202	100		
101	16.4	11.0	16.4
100	13.0	8.1	12.1#

Instrument :
BNA_N
ClientSampleId :
DAT28

Manual Integrations APPROVED
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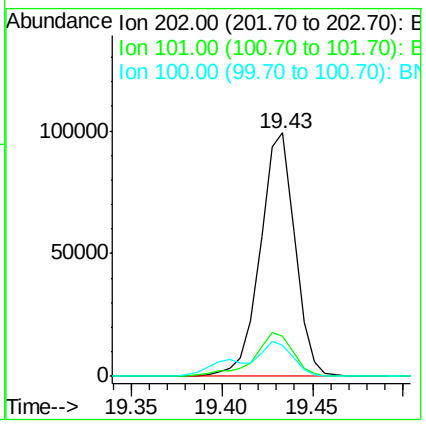
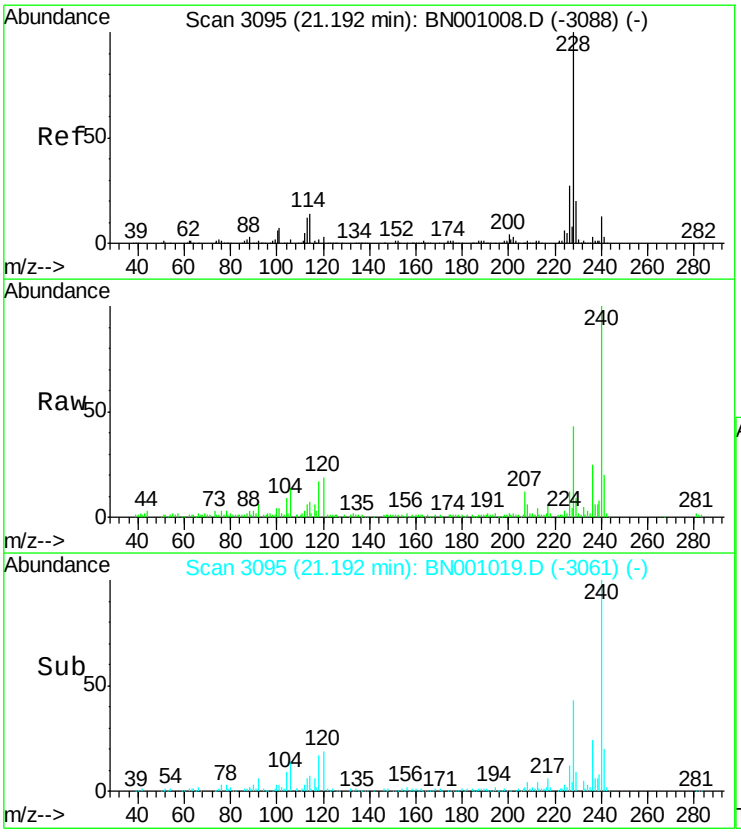
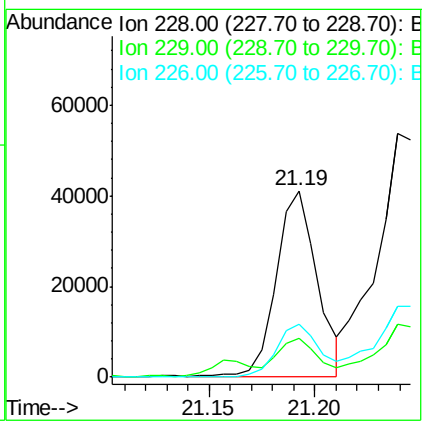


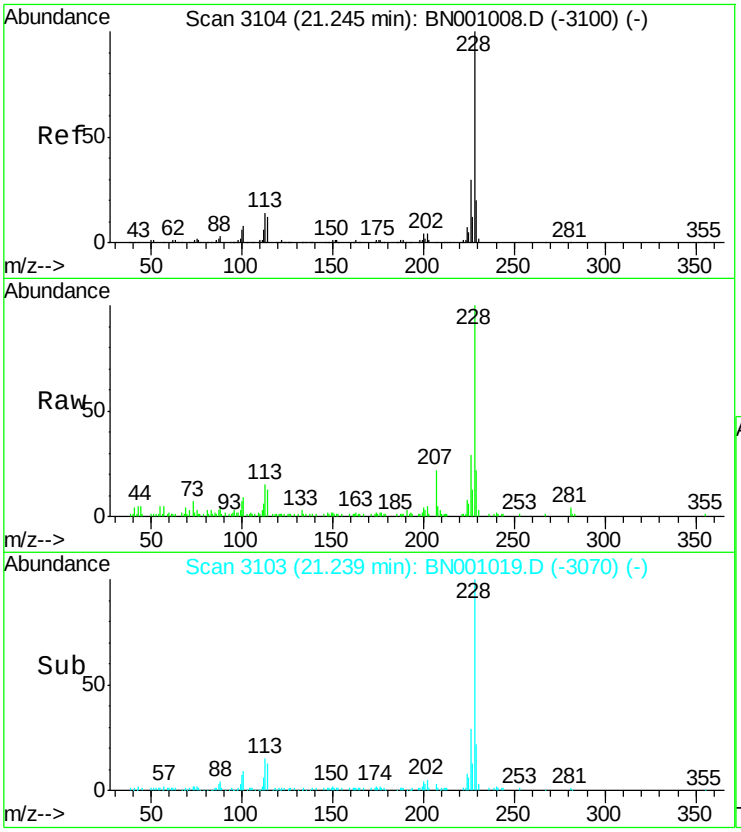


#20
Benzo(a)anthracene
Concen: 1.853 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.00 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:228 Resp: 55821

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.7	23.5
226	28.4	21.1	31.7

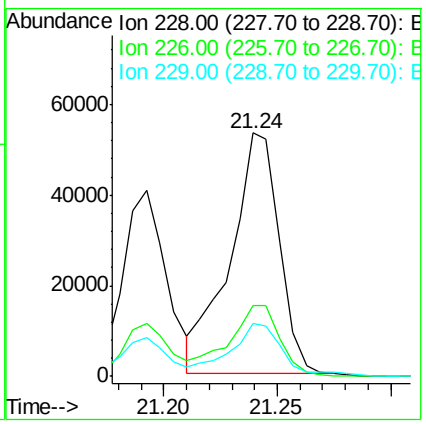




#21
Chrysene
Concen: 2.843 ng/ul m
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:228 Resp: 80517

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.5	36.7
229	21.6	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAT28

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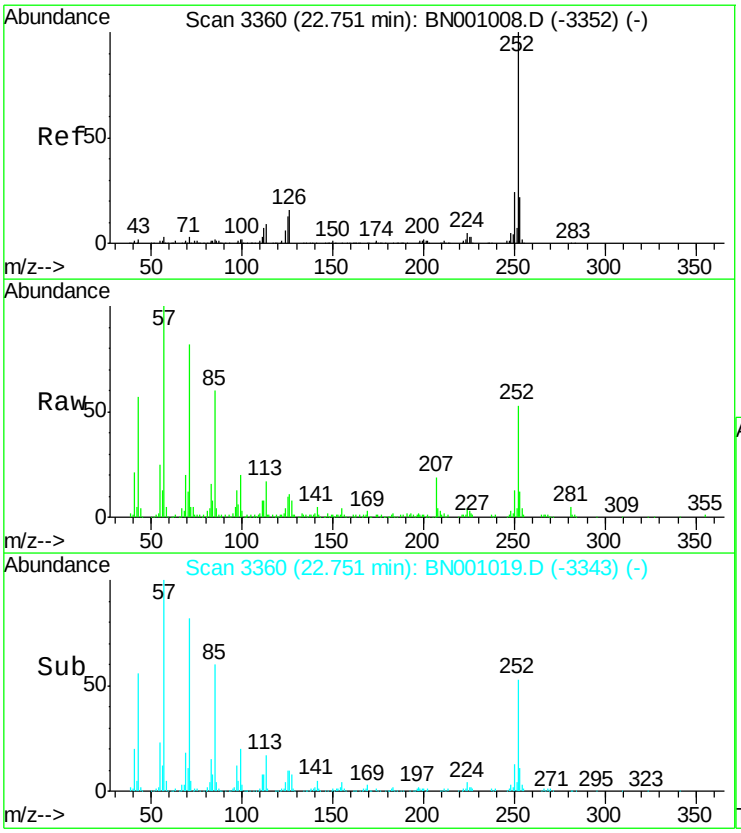
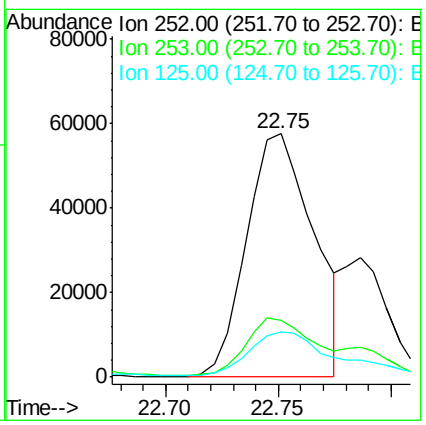
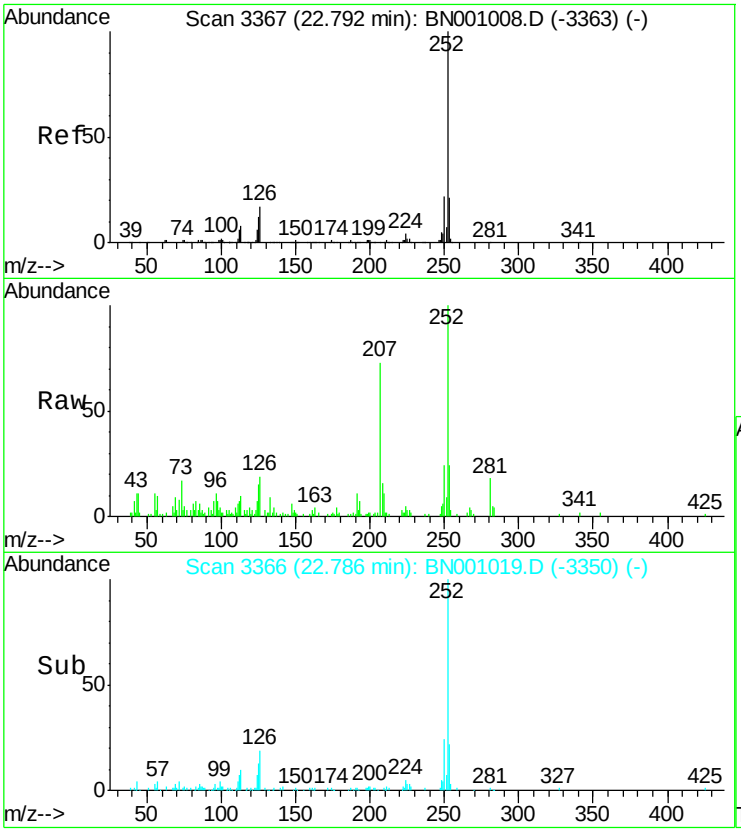


#23
Benzo(b)fluoranthene
Concen: 3.880 ng/ul m
RT: 22.75 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:252 Resp: 119769

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	18.5	8.0	12.0#

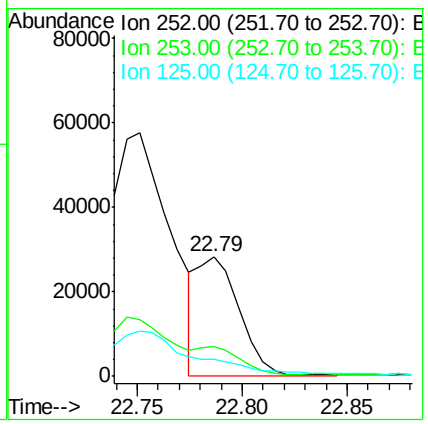




#24
Benzo(k)fluoranthene
Concen: 1.297 ng/ul m
RT: 22.79 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:252 Resp: 39162

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	14.5	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAT28

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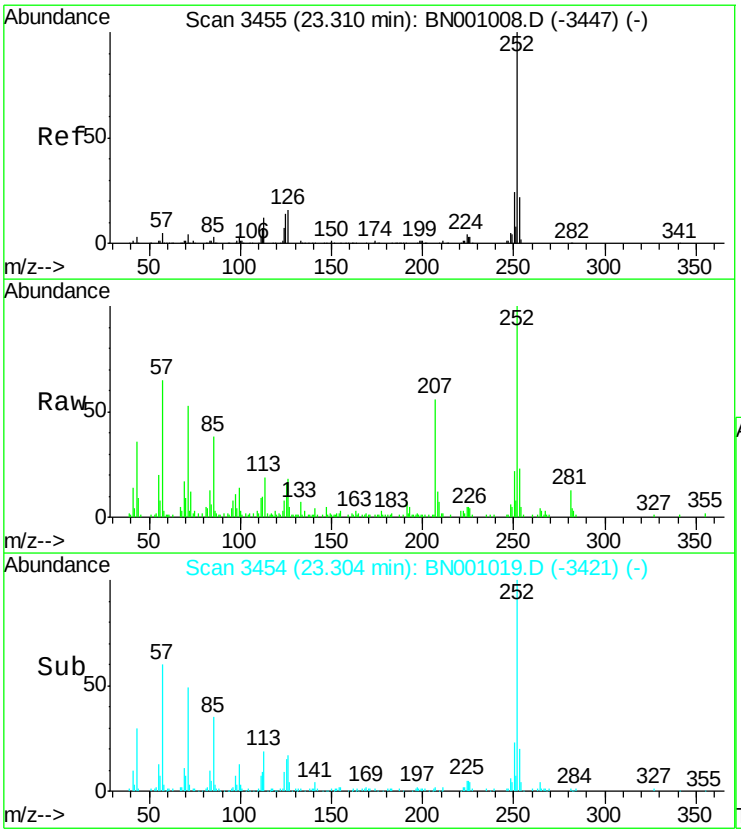
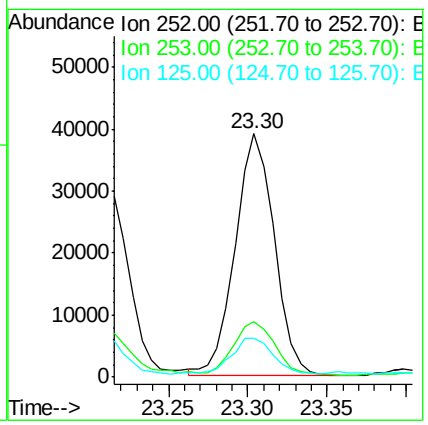
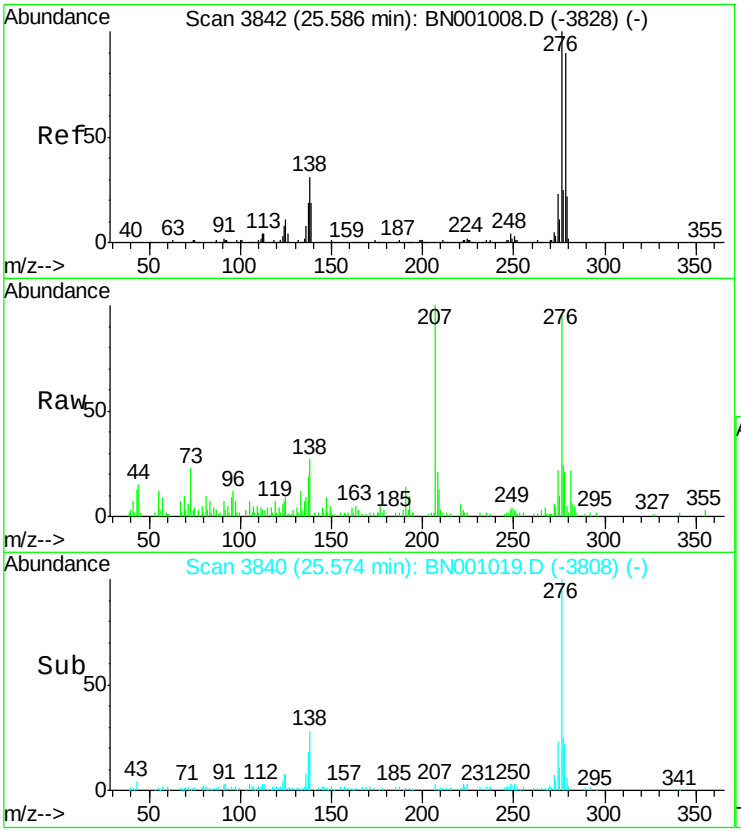


#26
Benzo(a)pyrene
Concen: 2.259 ng/ul
RT: 23.30 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:252 Resp: 66646

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	15.8	8.2	12.4#

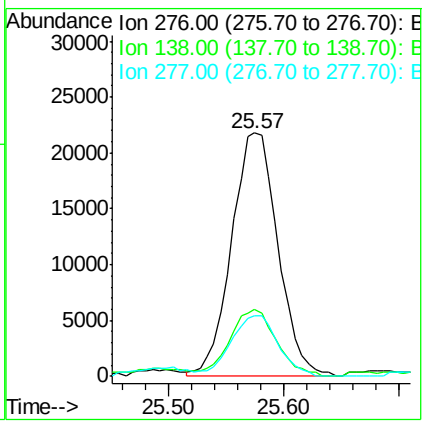




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.710 ng/ul
RT: 25.57 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

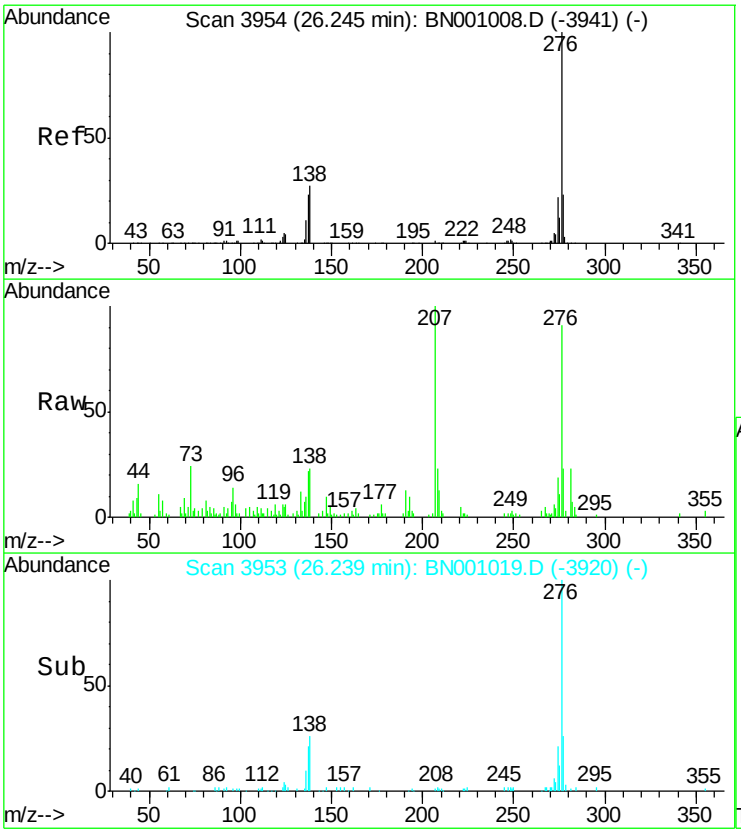
Tgt Ion:276 Resp: 60927

Ion	Ratio	Lower	Upper
276	100		
138	27.5	14.4	21.6#
277	24.7	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAT28

Manual Integrations APPROVED
Sohil
5/1/2018 7:08:41 PM



#29
Benzo(g,h,i)perylene
Concen: 2.041 ng/ul
RT: 26.24 min Scan# 3953
Delta R.T. -0.01 min
Lab File: BN001019.D
Acq: 01 May 2018 06:18

Tgt Ion:276 Resp: 60823

Ion	Ratio	Lower	Upper
276	100		
138	25.7	15.3	22.9#
277	25.7	19.0	28.4