Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN031218\
Data File : BN000314.D
Acq On : 12 Mar 2018 17:12
Operator : JU/SJ
Sample : J1843-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM67

Manual Integrations APPROVED
Sohil
3/13/2018 5:32:53 PM

Quant Time: Mar 12 18:00:15 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 12 15:04:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	278566	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1328847	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	730650	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1510385	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1521544	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1394456	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2392792	33.00	ng/ul	0.00
10) Fluorene-d10	16.04	176	1557217	31.71	ng/ul	0.00
14) Anthracene-d10	17.88	188	2303325	32.64	ng/ul	0.00
18) Pyrene-d10	20.13	212	2504314	33.64	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2112412	33.17	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.82	178	251665	2.905	ng/ul	99
16) Fluoranthene	19.80	202	538508	5.754	ng/ul#	95
19) Pyrene	20.16	202	480317	5.000	ng/ul#	90
20) Benzo(a)anthracene	21.88	228	243675	2.576	ng/ul	98
21) Chrysene	21.93	228	279999	3.119	ng/ul	98
23) Benzo(b)fluoranthene	23.62	252	386502m	4.648	ng/ul	
24) Benzo(k)fluoranthene	23.66	252	125504m	1.612	ng/ul	
26) Benzo(a)pyrene	24.27	252	237730	3.004	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.93	276	154961	1.816	ng/ul#	83
29) Benzo(g,h,i)perylene	27.72	276	144283	2.025	ng/ul#	86

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

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Misc :
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Instrument :
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ClientSampleId :
DAM67

Manual Integrations APPROVED
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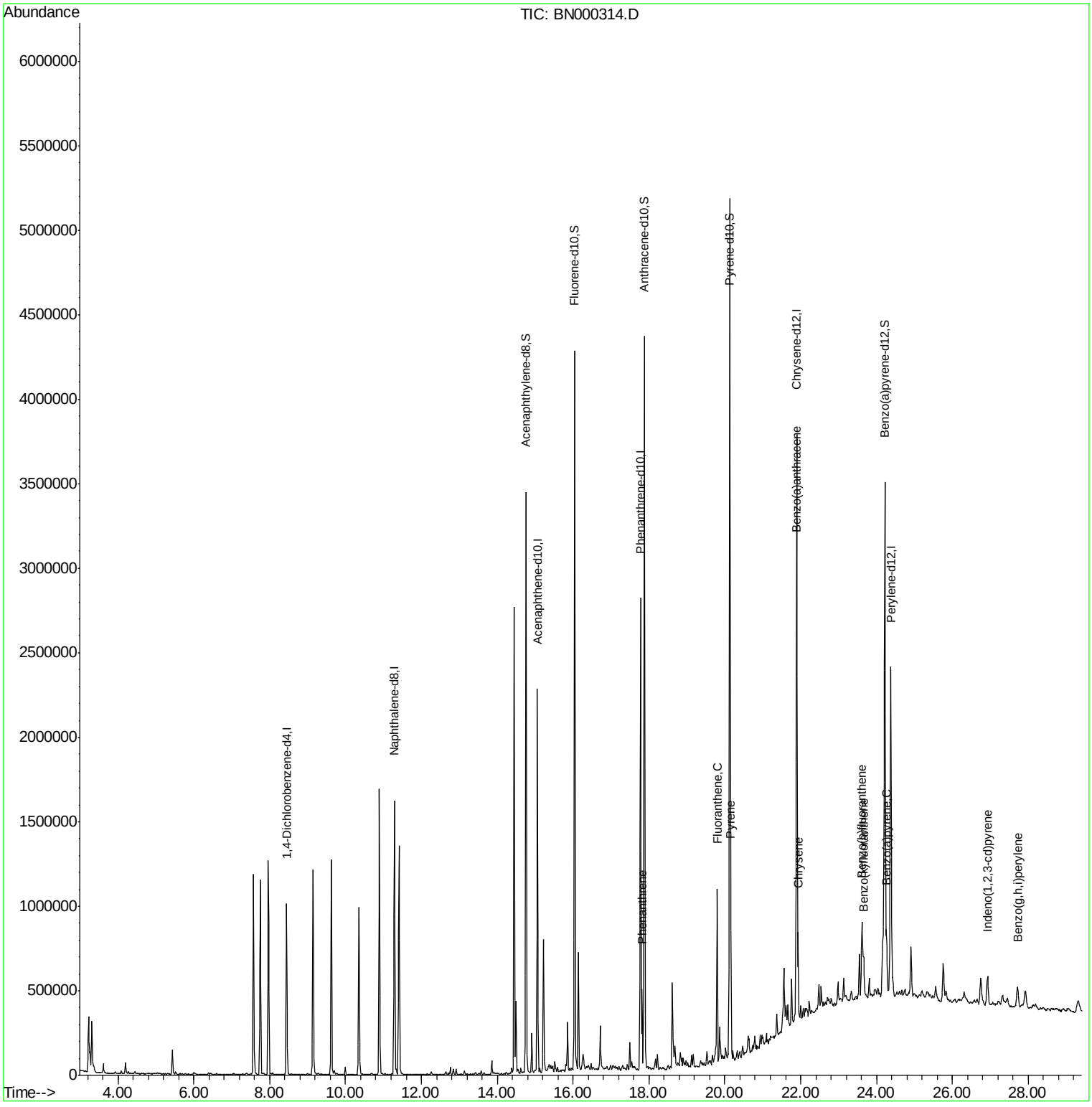
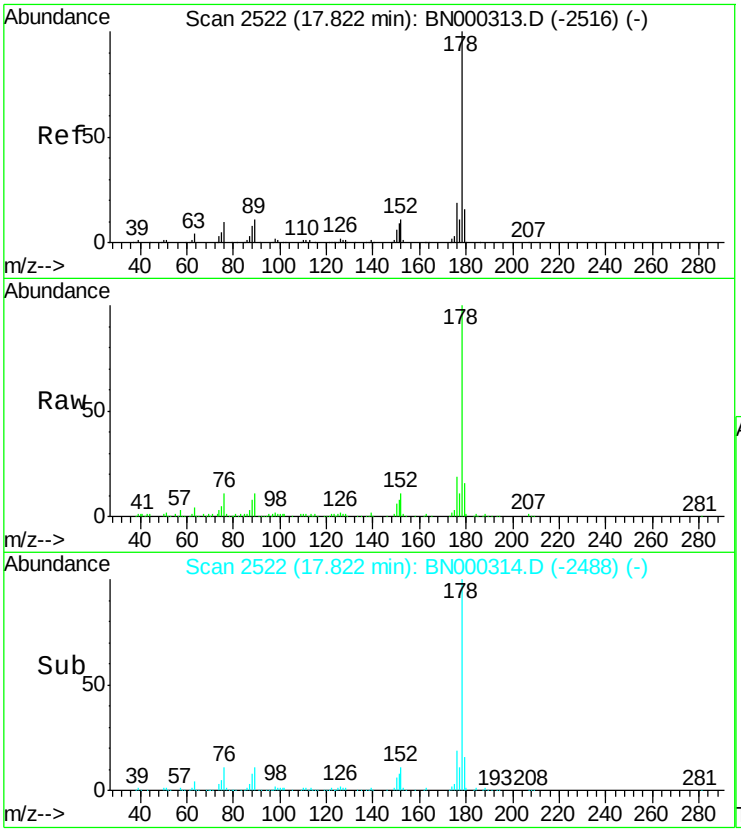
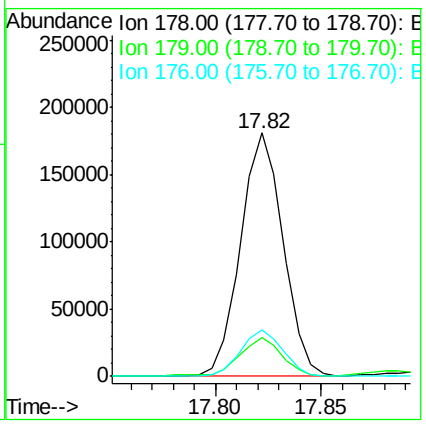




#13
Phenanthrene
Concen: 2.905 ng/ul
RT: 17.82 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:178 Resp: 251665

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	19.3	15.1	22.7



Instrument :
BNA_N
ClientSampleId :
DAM67

Manual Integrations APPROVED
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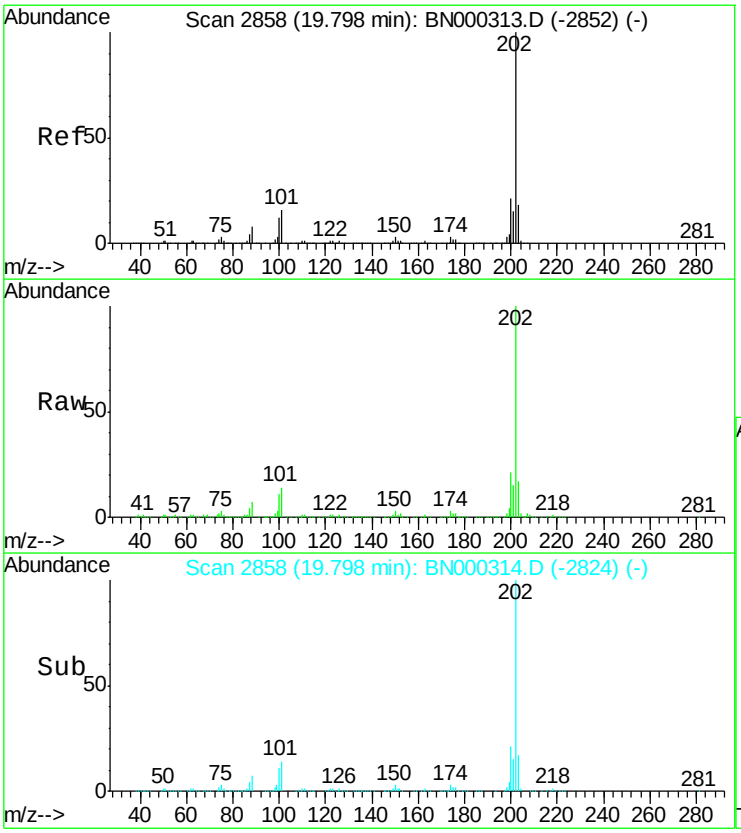
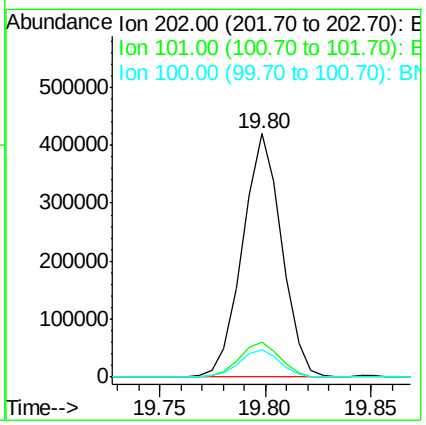
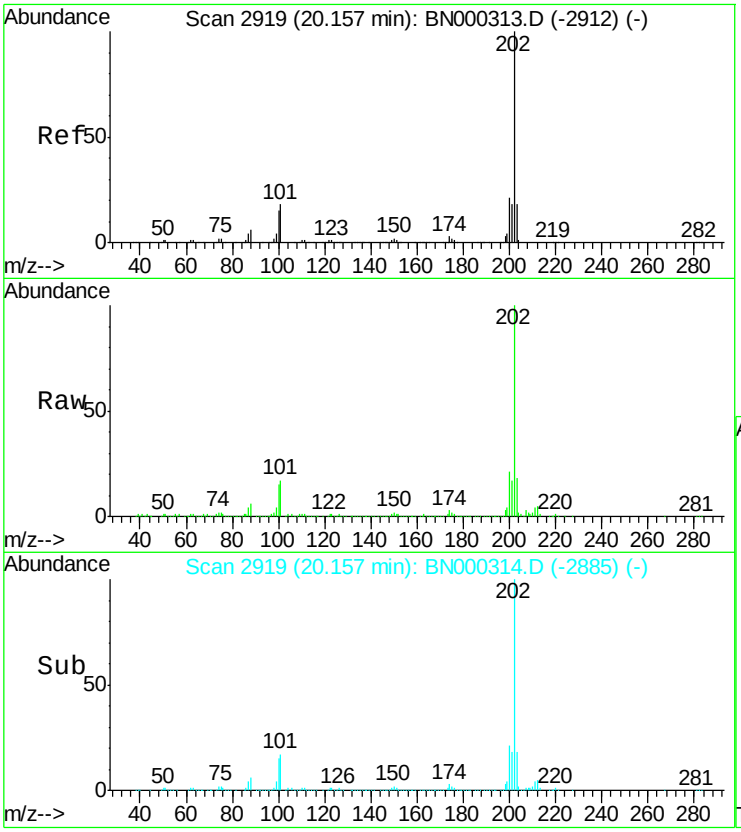


#16
Fluoranthene
Concen: 5.754 ng/ul
RT: 19.80 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:202 Resp: 538508

Ion	Ratio	Lower	Upper
202	100		
101	14.5	9.9	14.9
100	11.2	7.4	11.0#

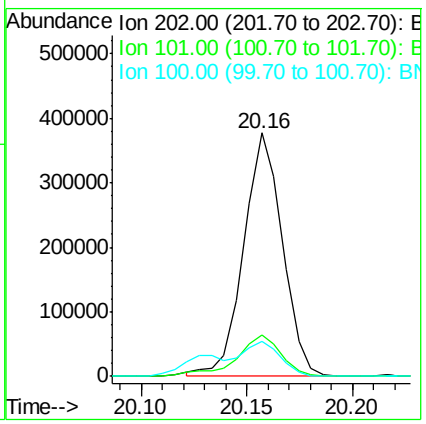




#19
Pyrene
Concen: 5.000 ng/ul
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:202 Resp: 480317

Ion	Ratio	Lower	Upper
202	100		
101	17.0	11.0	16.4#
100	14.6	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAM67

Manual Integrations APPROVED
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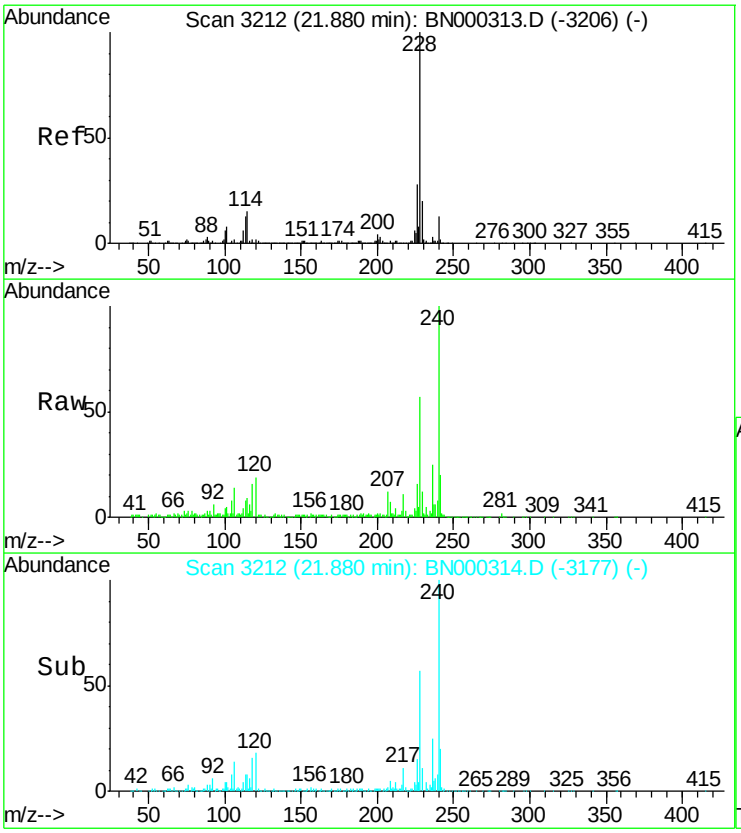
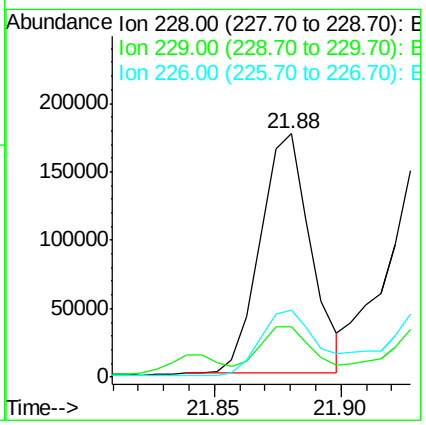
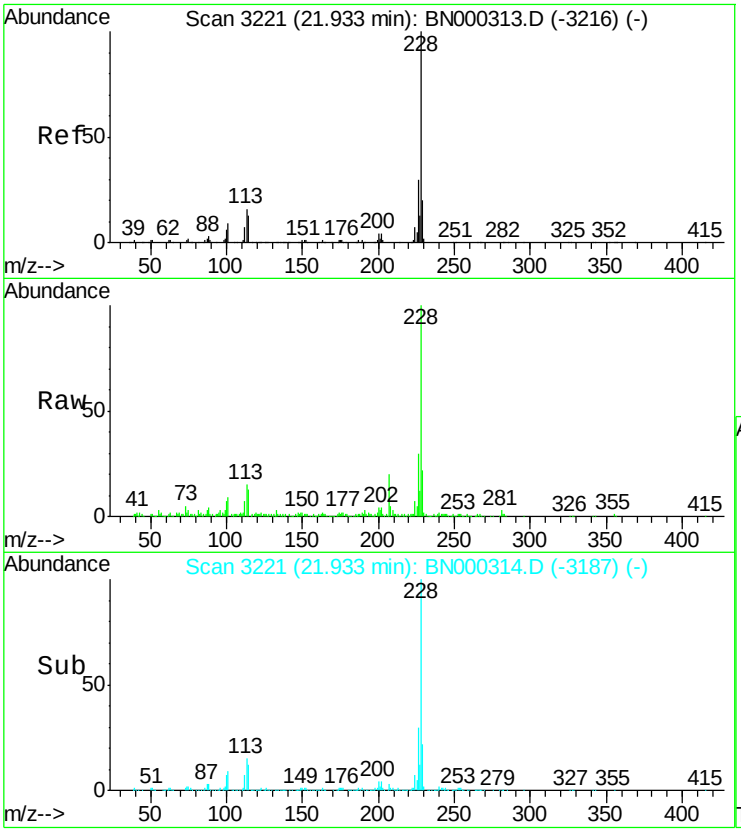


#20
Benzo(a)anthracene
Concen: 2.576 ng/ul
RT: 21.88 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:228 Resp: 243675

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	27.4	21.1	31.7

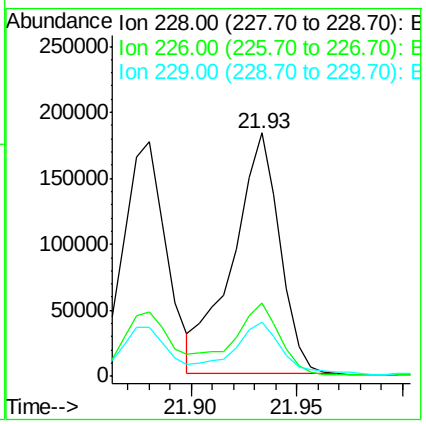




#21
Chrysene
Concen: 3.119 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:228 Resp: 279999

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.3	15.8	23.8



Instrument :
BNA_N
ClientSampleId :
DAM67

Manual Integrations APPROVED
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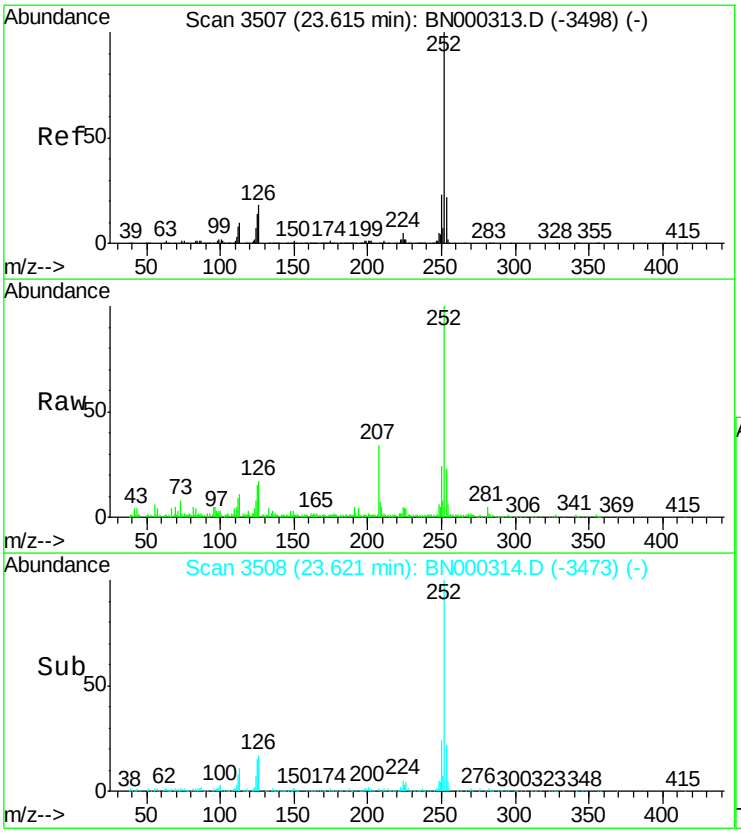
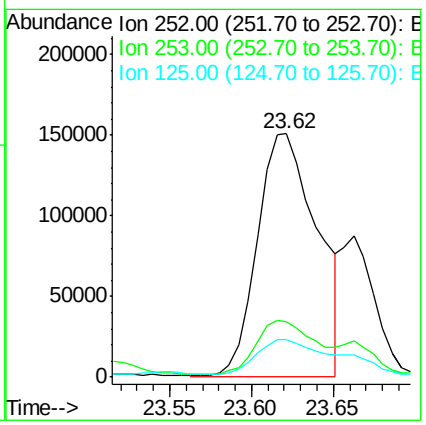
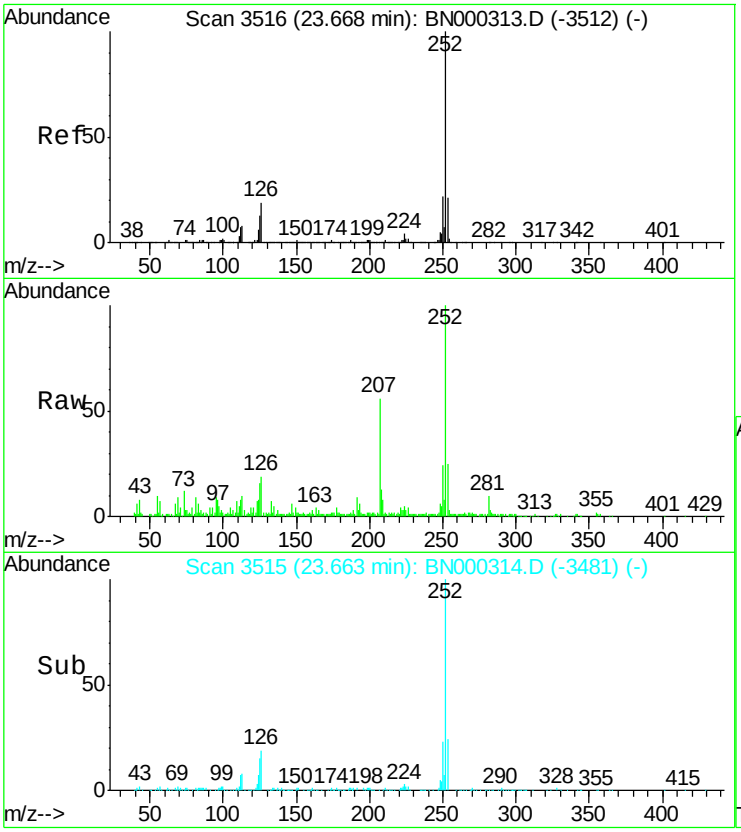


#23
Benzo(b)fluoranthene
Concen: 4.648 ng/ul m
RT: 23.62 min Scan# 3508
Delta R.T. 0.01 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:252 Resp: 386502

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	15.4	8.0	12.0#

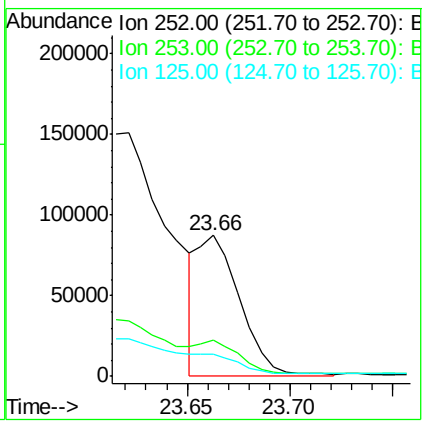




#24
Benzo(k)fluoranthene
Concen: 1.612 ng/ul m
RT: 23.66 min Scan# 3515
Delta R.T. -0.00 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:252 Resp: 125504

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	16.0	8.1	12.1#



Instrument :
BNA_N
ClientSampleId :
DAM67

Manual Integrations APPROVED
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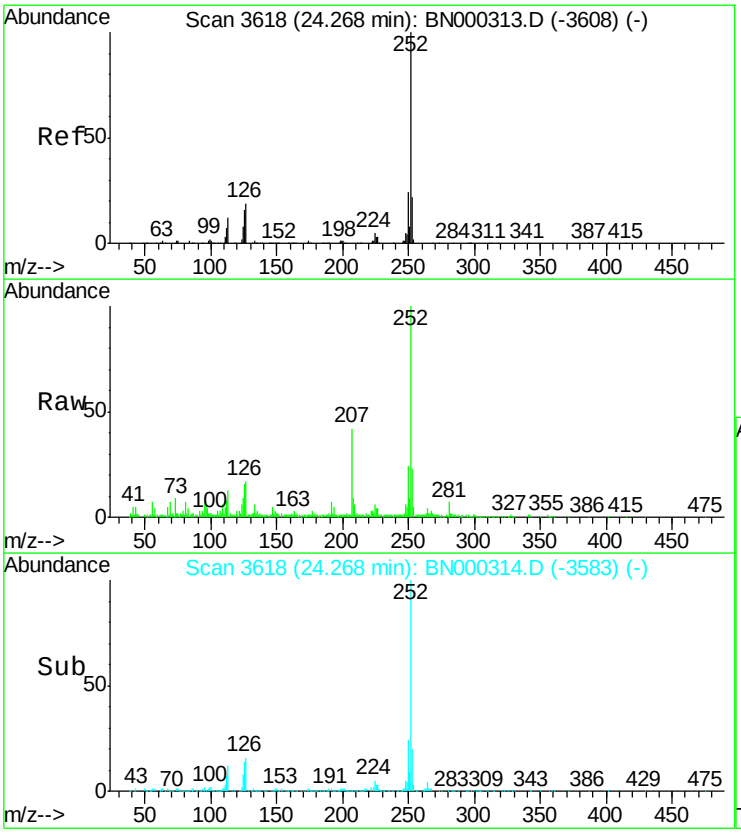
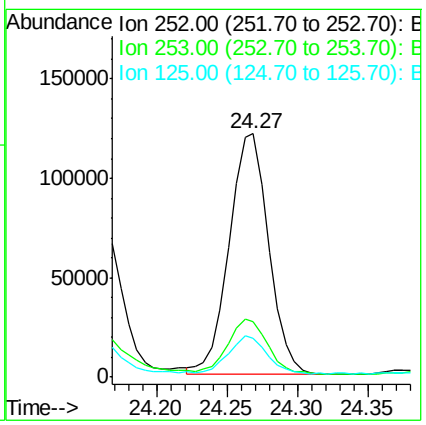
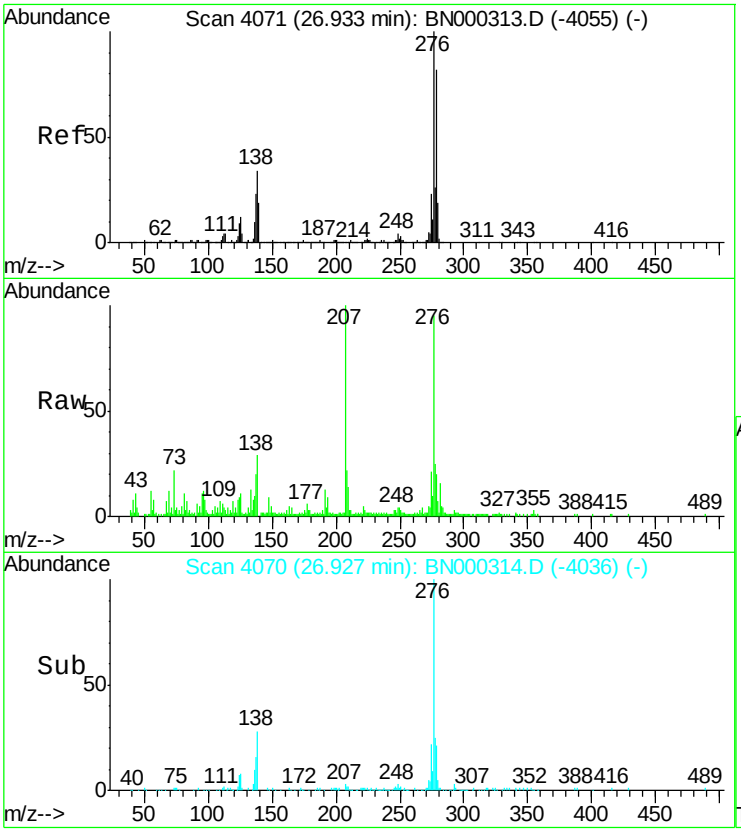


#26
Benzo(a)pyrene
Concen: 3.004 ng/ul
RT: 24.27 min Scan# 3618
Delta R.T. 0.01 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:252 Resp: 237730

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	16.2	8.2	12.4#

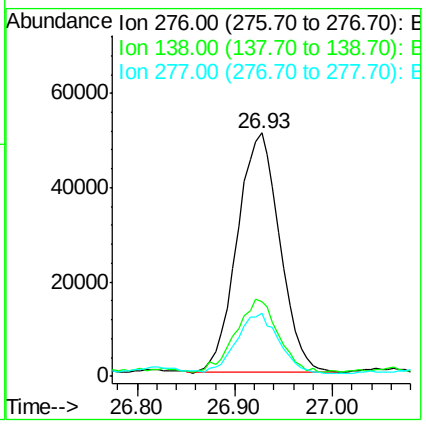




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.816 ng/ul
RT: 26.93 min Scan# 4070
Delta R.T. -0.00 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

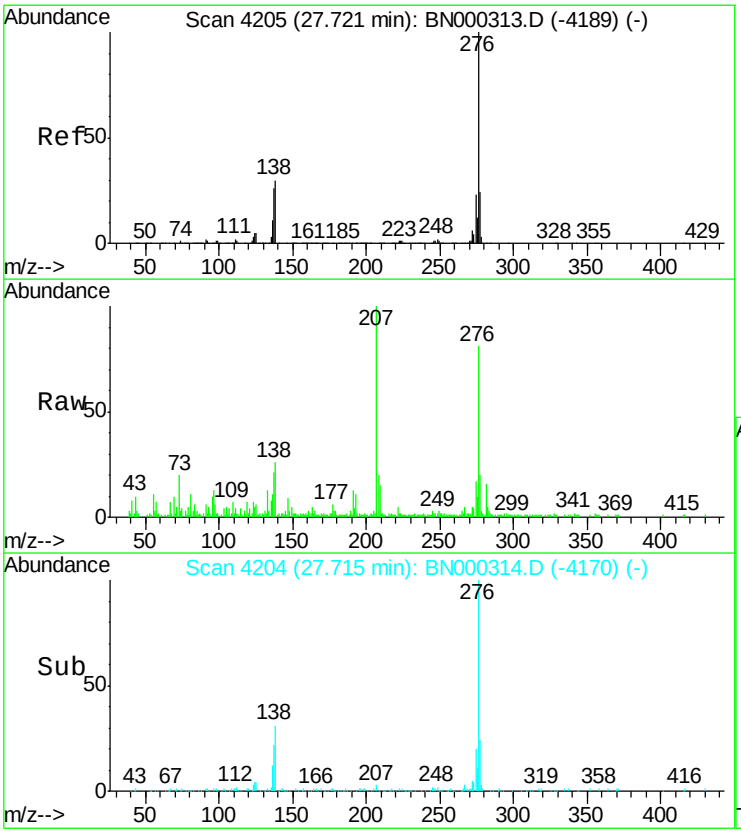
Tgt Ion:276 Resp: 154961

Ion	Ratio	Lower	Upper
276	100		
138	30.7	14.4	21.6#
277	26.0	18.0	27.0



Instrument :
BNA_N
ClientSampleId :
DAM67

Manual Integrations APPROVED
Sohil
3/13/2018 5:32:53 PM



#29
Benzo(g,h,i)perylene
Concen: 2.025 ng/ul
RT: 27.72 min Scan# 4204
Delta R.T. -0.00 min
Lab File: BN000314.D
Acq: 12 Mar 2018 17:12

Tgt Ion:276 Resp: 144283

Ion	Ratio	Lower	Upper
276	100		
138	32.2	15.3	22.9#
277	24.8	19.0	28.4