Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121918\
Data File : BN004140.D
Acq On : 20 Dec 2018 06:45
Operator : JU/SJ
Sample : J6297-17
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9E70

Manual Integrations APPROVED
Sohil
12/20/2018 2:04:10 PM

Quant Time: Dec 20 07:56:02 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1597	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8564	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5404	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.21	188	13808m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	14624m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	12662m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	4228	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	14042m	0.35	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.26	178	3042	0.067	ng/ul	93
15) Fluoranthene	19.27	202	5045m	0.094	ng/ul	
17) Pyrene	19.64	202	5418	0.103	ng/ul#	92
18) Benzo(a)anthracene	21.39	228	3094	0.067	ng/ul#	89
19) Chrysene	21.44	228	4102	0.078	ng/ul#	93
21) Benzo(b)fluoranthene	23.02	252	4427m	0.085	ng/ul	
22) Benzo(k)fluoranthene	23.06	252	1750m	0.034	ng/ul	
23) Benzo(a)pyrene	23.62	252	2650	0.058	ng/ul#	66
24) Indeno(1,2,3-cd)pyrene	26.08	276	1883	0.036	ng/ul#	97
26) Benzo(g,h,i)perylene	26.82	276	1638	0.036	ng/ul#	61

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

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Manual Integrations APPROVED
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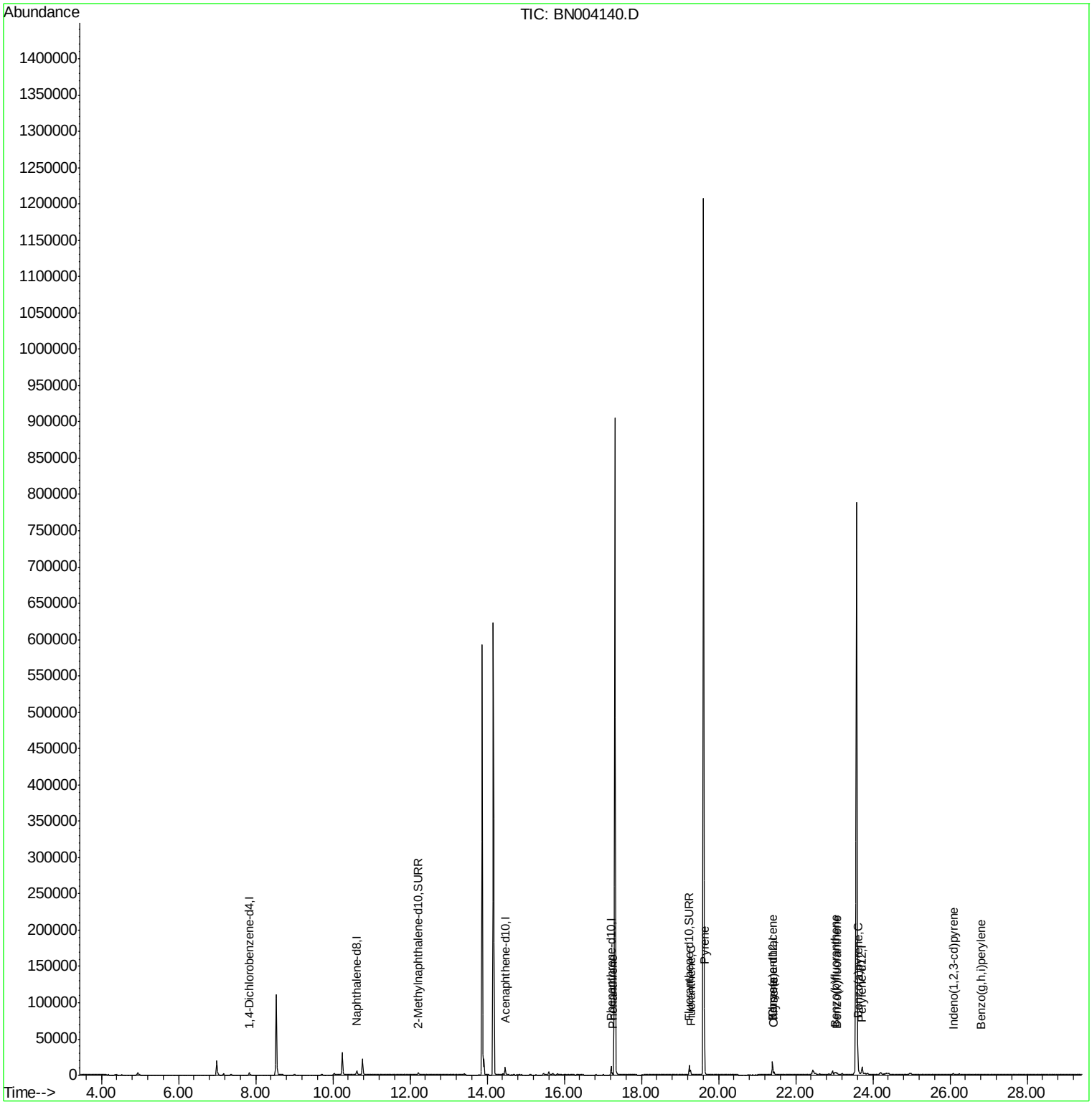
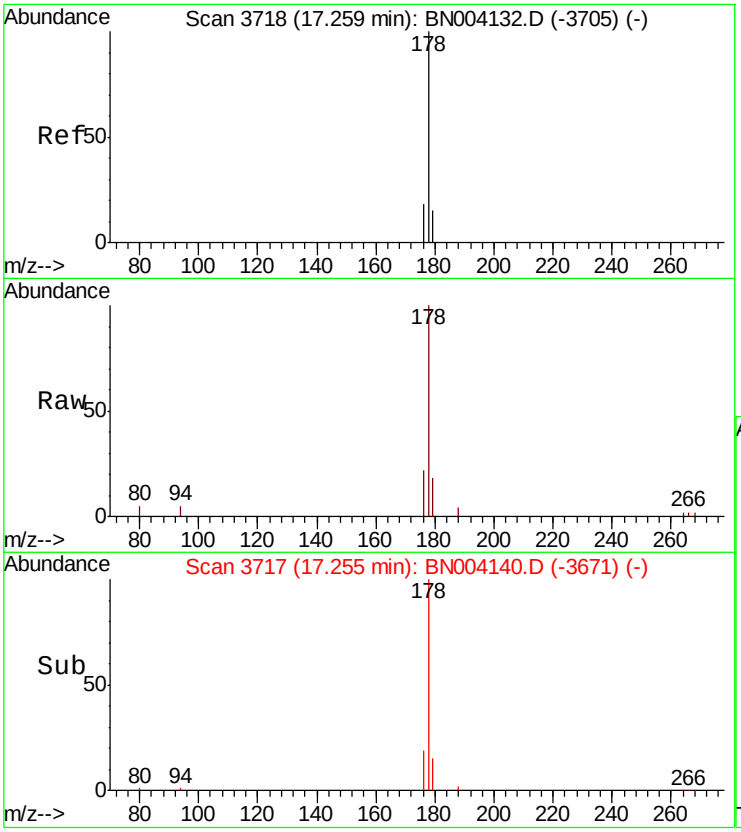
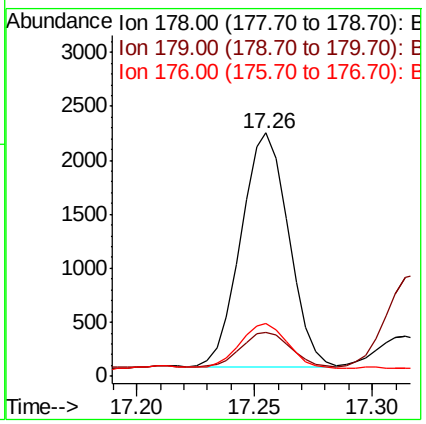




#12
Phenanthrene
Concen: 0.067 ng/ul
RT: 17.26 min Scan# 3717
Delta R.T. -0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:178 Resp: 3042

Ion	Ratio	Lower	Upper
178	100		
179	18.2	12.5	18.7
176	21.8	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9E70

Manual Integrations APPROVED
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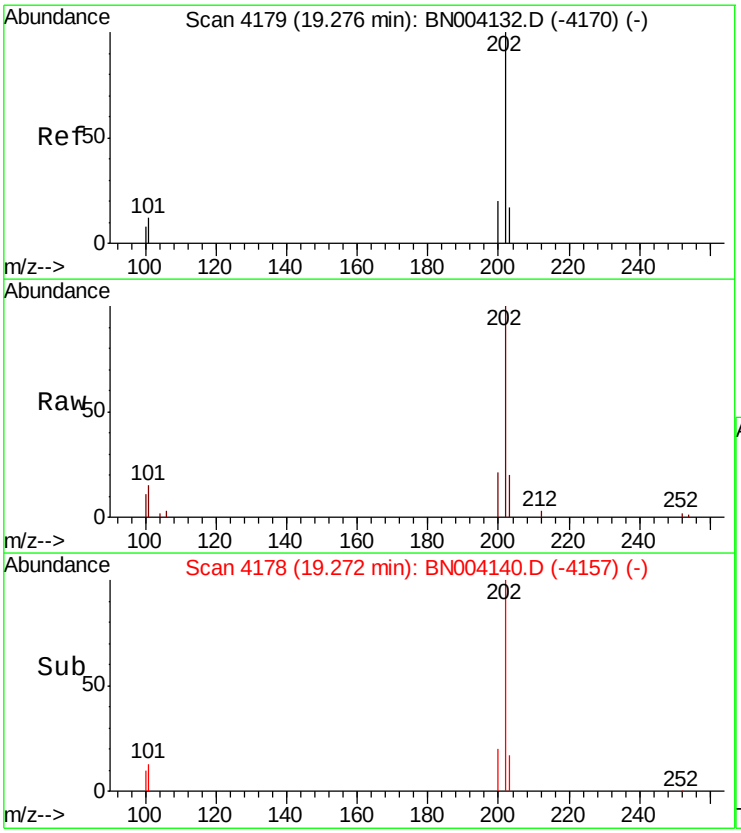
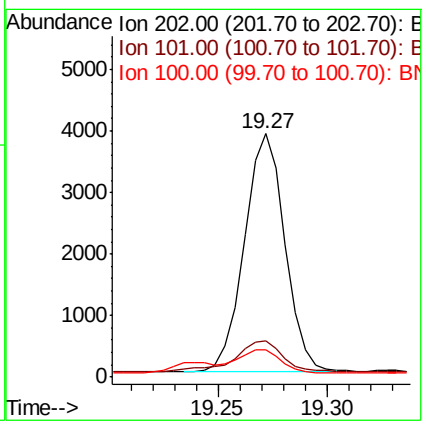
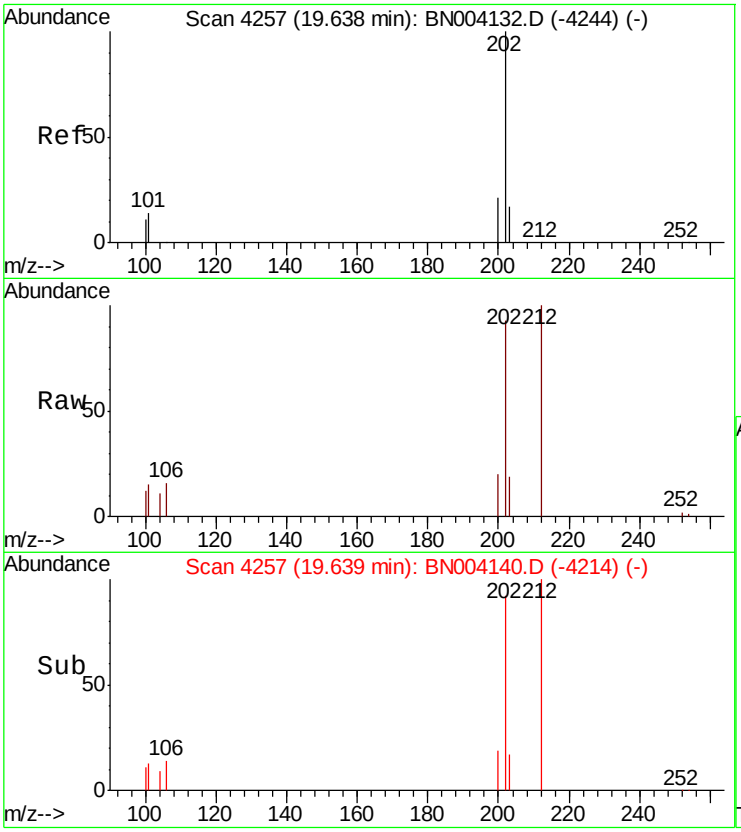


#15
Fluoranthene
Concen: 0.094 ng/ul m
RT: 19.27 min Scan# 4178
Delta R.T. -0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:202 Resp: 5045

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	30.7
100	11.0	0.0	28.1





#17
Pyrene
Concen: 0.103 ng/ul
RT: 19.64 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:202 Resp: 5418

Ion	Ratio	Lower	Upper
202	100		
101	16.6	10.3	15.5#
100	13.2	8.5	12.7#

Instrument :
BNA_N
ClientSampleId :
F9E70

Manual Integrations APPROVED
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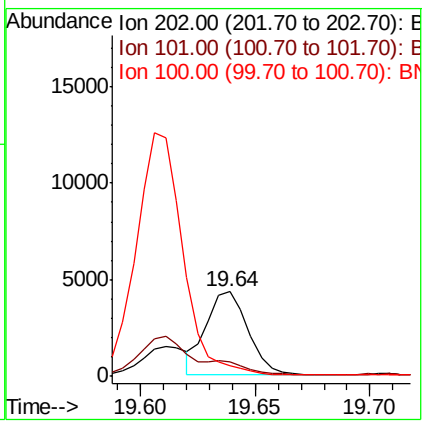
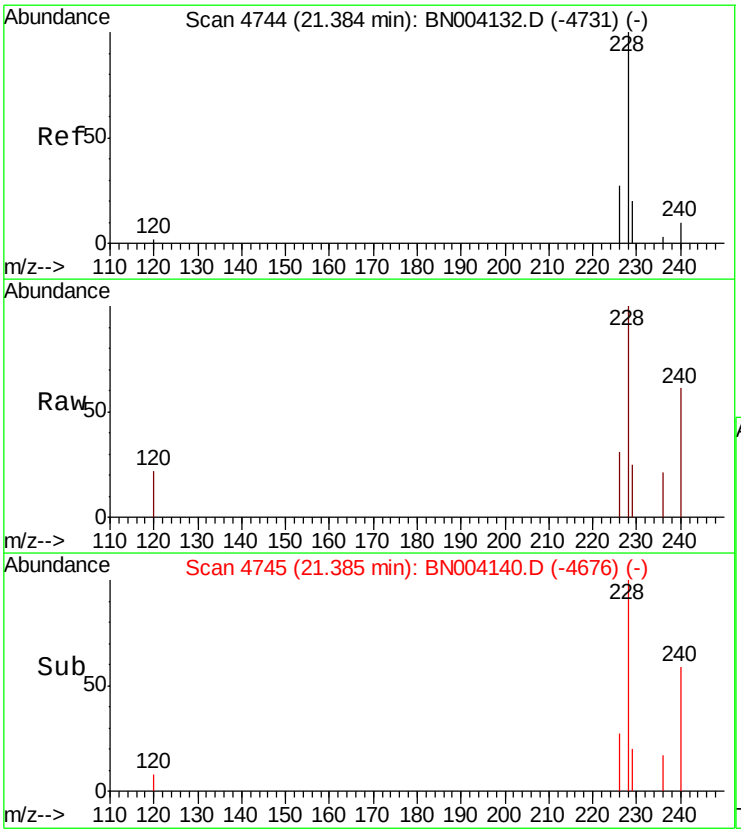
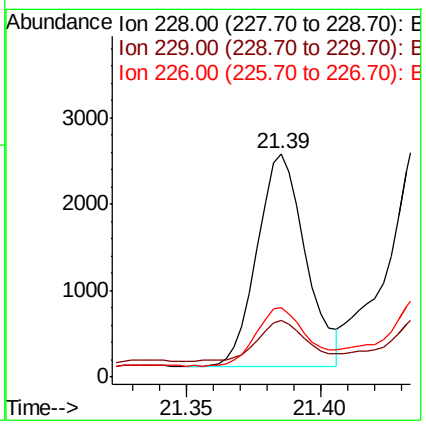


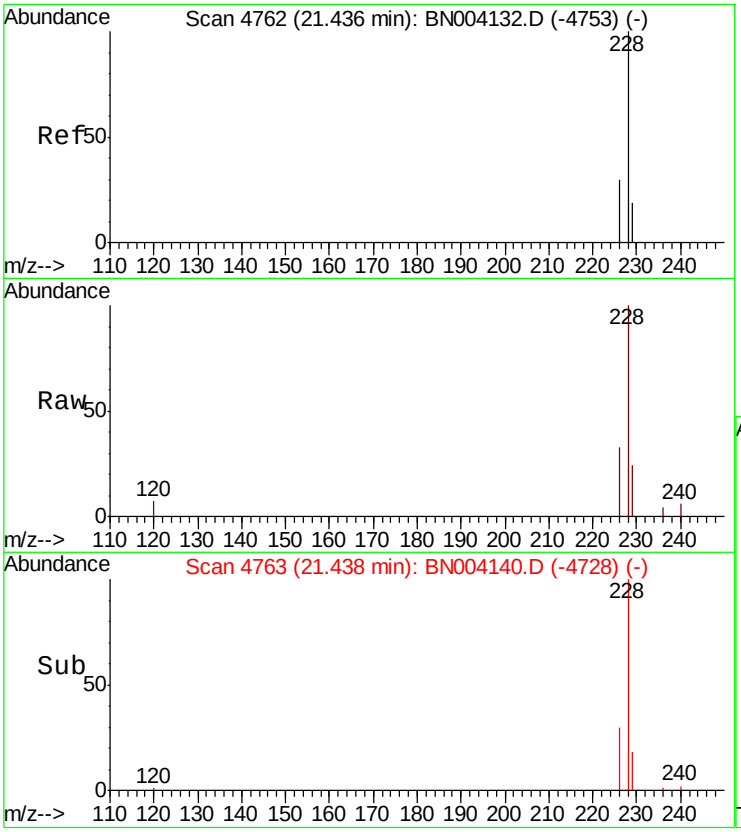


#18
Benzo(a)anthracene
Concen: 0.067 ng/ul
RT: 21.39 min Scan# 4745
Delta R.T. 0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:228 Resp: 3094

Ion	Ratio	Lower	Upper
228	100		
229	25.3	15.6	23.4#
226	31.2	21.1	31.7





#19
Chrysene
Concen: 0.078 ng/ul
RT: 21.44 min Scan# 4763
Delta R.T. 0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:228 Resp: 4102

Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.0	36.0
229	24.3	15.7	23.5#

Instrument :
BNA_N
ClientSampleId :
F9E70

Manual Integrations APPROVED
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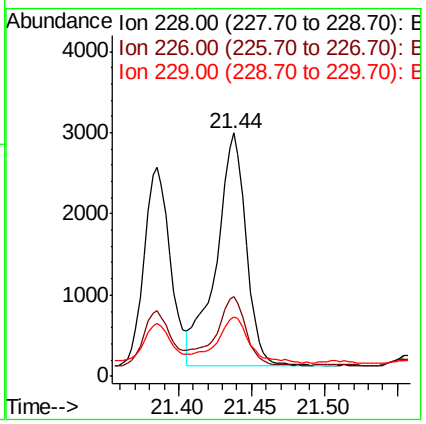
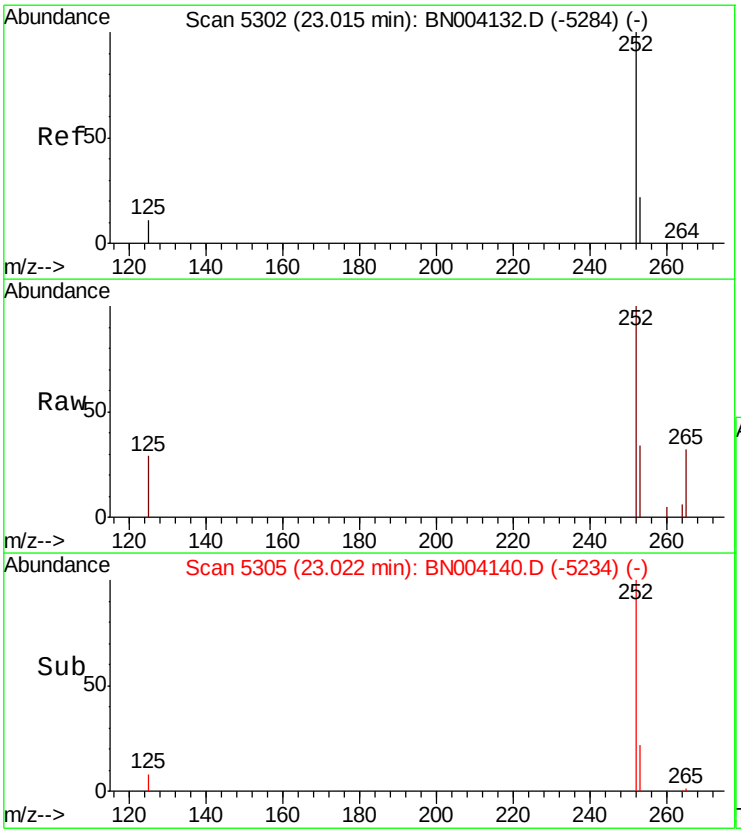
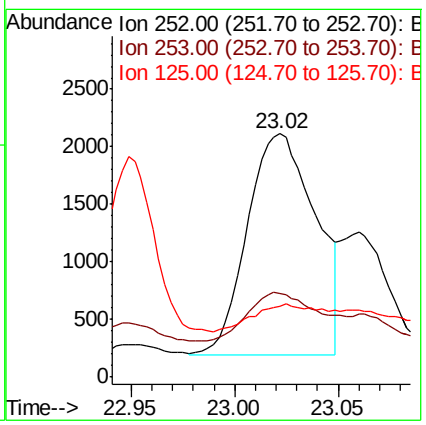


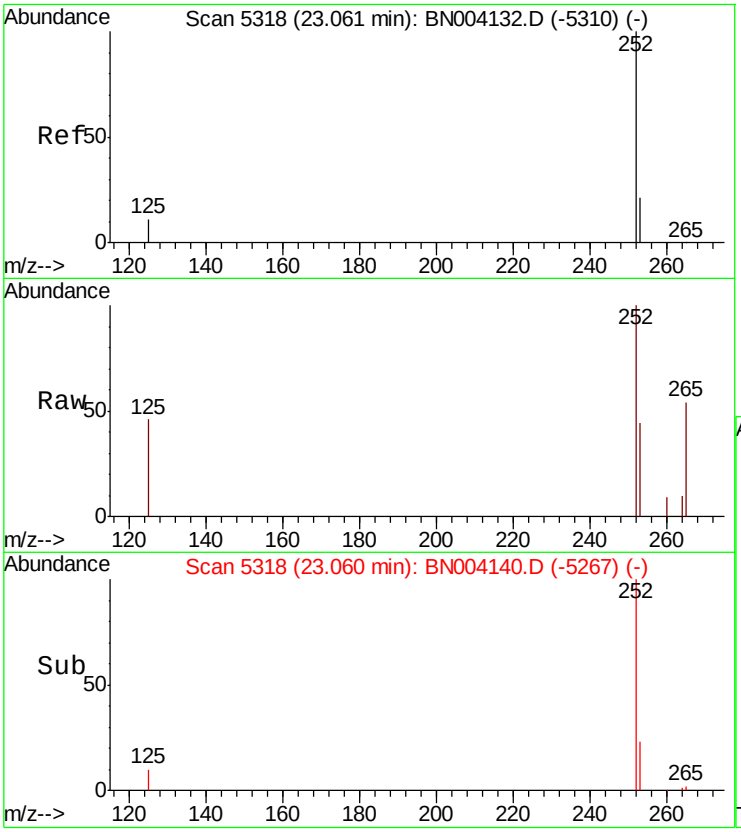


#21
Benzo(b)fluoranthene
Concen: 0.085 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. 0.01 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:252 Resp: 4427

Ion	Ratio	Lower	Upper
252	100		
253	34.3	0.0	46.0
125	29.4	0.0	22.4#





#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.06 min Scan# 5318
Delta R.T. -0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:252 Resp: 1750

Ion	Ratio	Lower	Upper
252	100		
253	44.0	18.5	27.7#
125	46.1	9.0	13.6#

Instrument :
BNA_N
ClientSampleId :
F9E70

Manual Integrations APPROVED
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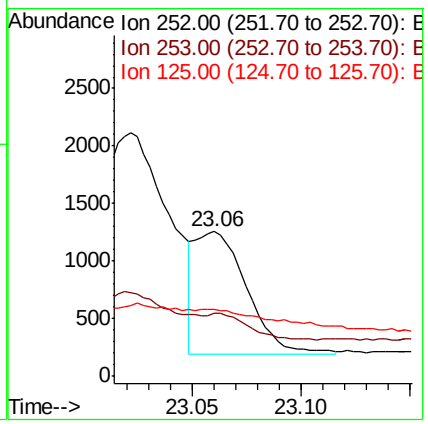
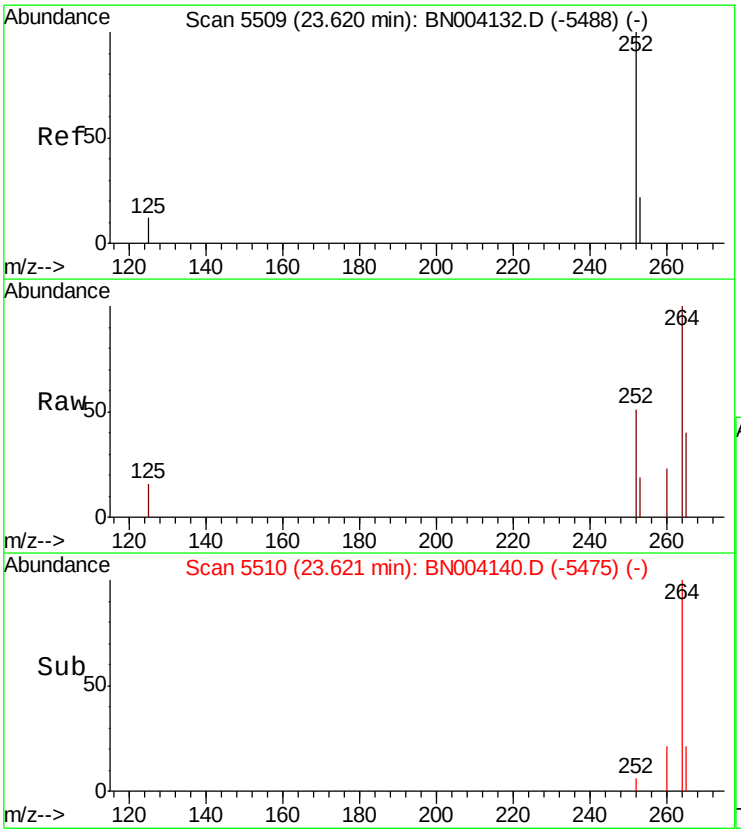
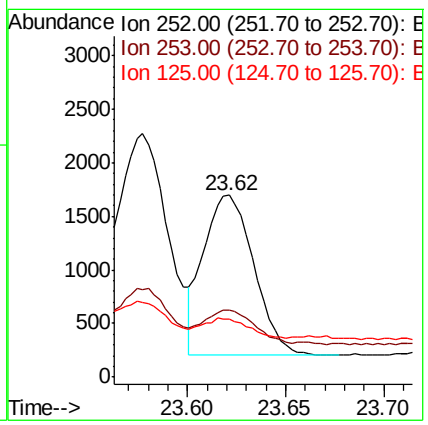


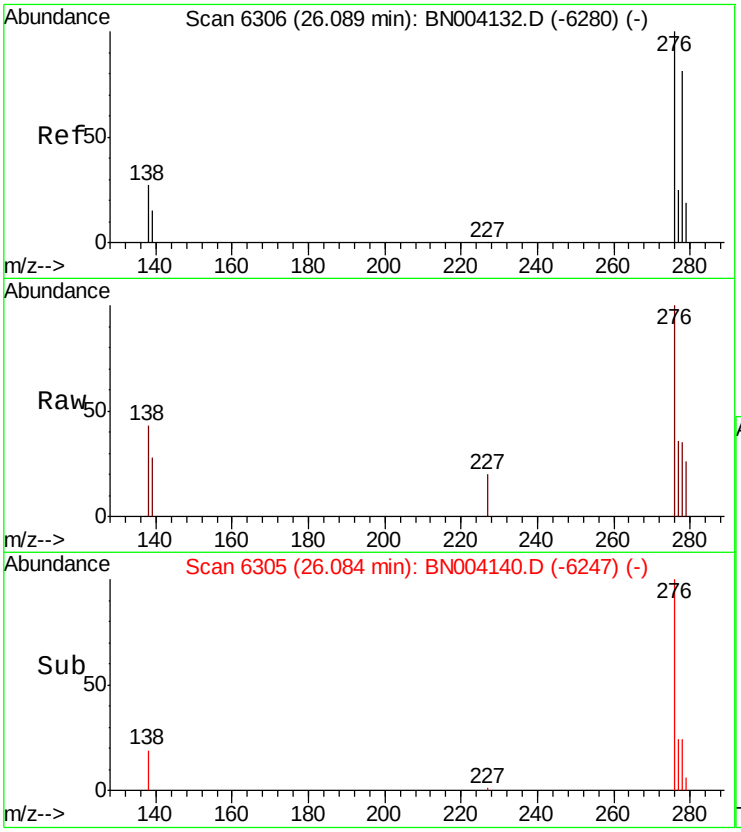


#23
Benzo(a)pyrene
Concen: 0.058 ng/ul
RT: 23.62 min Scan# 5510
Delta R.T. 0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:252 Resp: 2650

Ion	Ratio	Lower	Upper
252	100		
253	36.9	19.0	28.4#
125	31.8	10.2	15.4#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.036 ng/ul
RT: 26.08 min Scan# 6305
Delta R.T. -0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:276 Resp: 1883

Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.3	30.5
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
F9E70

Manual Integrations APPROVED
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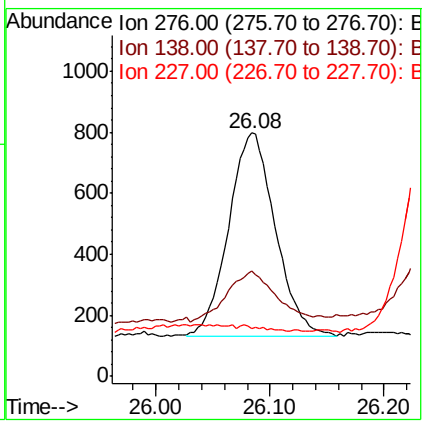

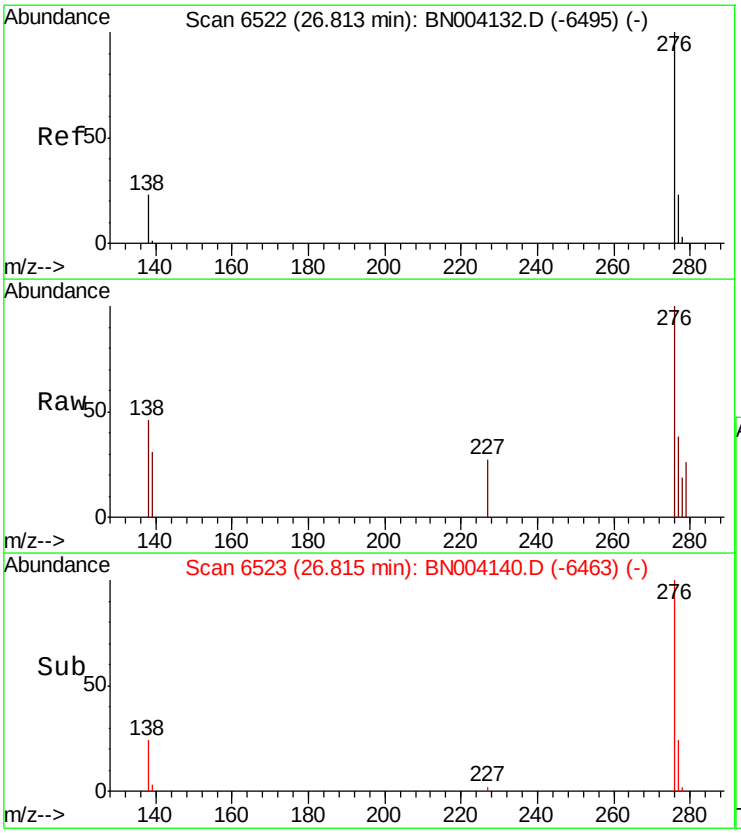

#26
Benzo(g,h,i)perylene
Concen: 0.036 ng/ul
RT: 26.82 min Scan# 6523
Delta R.T. 0.00 min
Lab File: BN004140.D
Acq: 20 Dec 2018 06:45

Tgt Ion:276 Resp: 1638

Ion	Ratio	Lower	Upper
276	100		
138	46.0	17.7	26.5#
277	38.5	19.3	28.9#