Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121618\
Data File : BN003994.D
Acq On : 16 Dec 2018 14:36
Operator : JU/SJ
Sample : J6229-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F31

Manual Integrations APPROVED
Sohil
12/17/2018 4:27:37 PM

Quant Time: Dec 17 04:48:50 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 : Mon Dec 17 04:06:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1946	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9391	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6176	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	14621m	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	16000m	0.40	ng/ul	0.00
20) Perylene-d12	23.72	264	13517m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5046m	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	16250m	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.68	128	1672	0.063	ng/ul#	1
5) 2-Methylnaphthalene	12.29	142	1790	0.097	ng/ul	92
12) Phenanthrene	17.26	178	5680m	0.118	ng/ul	
15) Fluoranthene	19.28	202	3232m	0.057	ng/ul	
17) Pyrene	19.64	202	2960m	0.052	ng/ul	
18) Benzo(a)anthracene	21.39	228	1555m	0.031	ng/ul	
19) Chrysene	21.44	228	2468m	0.043	ng/ul	
21) Benzo(b)fluoranthene	23.02	252	2740m	0.049	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.09	276	1288	0.023	ng/ul#	95

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

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Manual Integrations APPROVED
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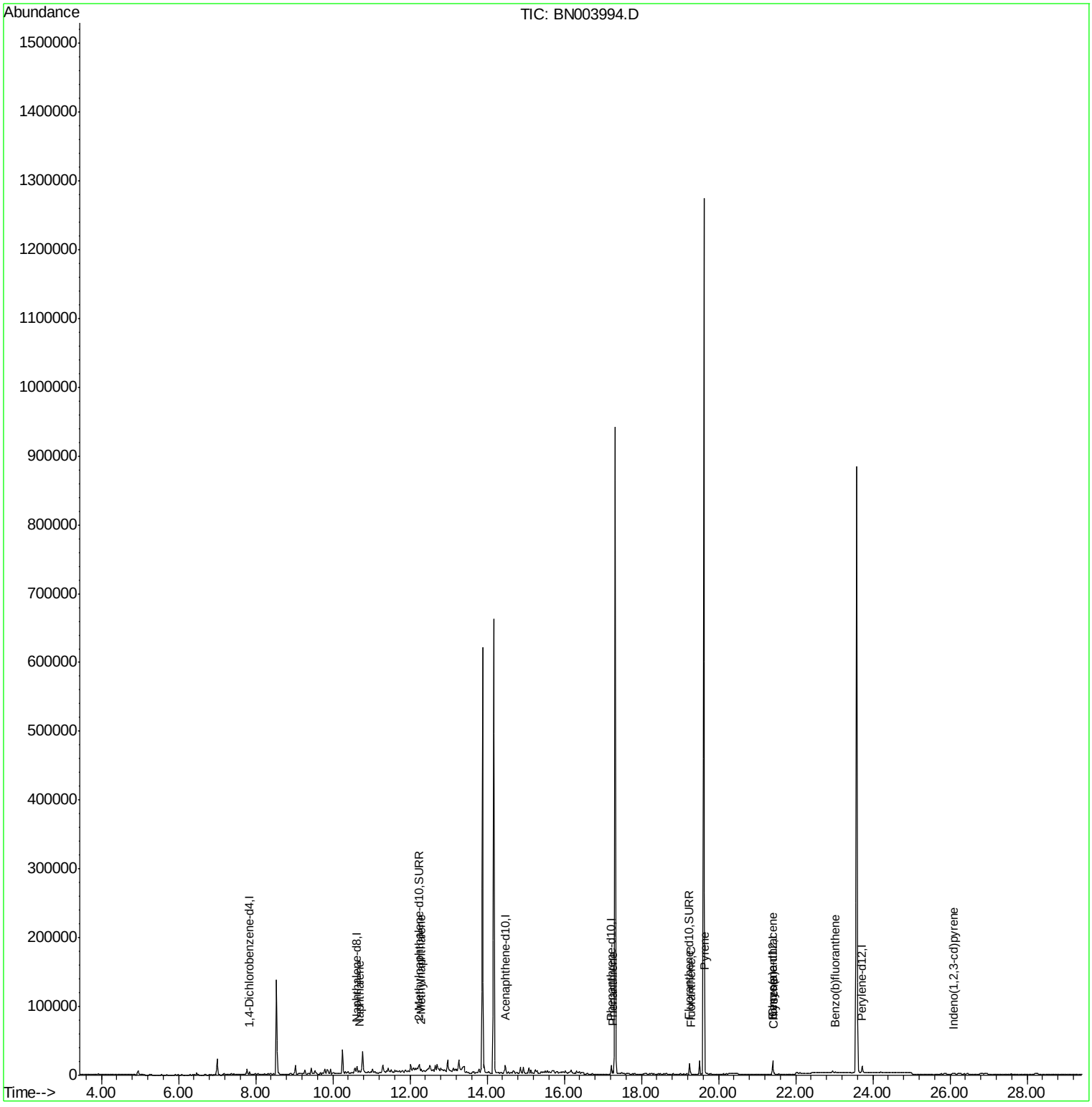

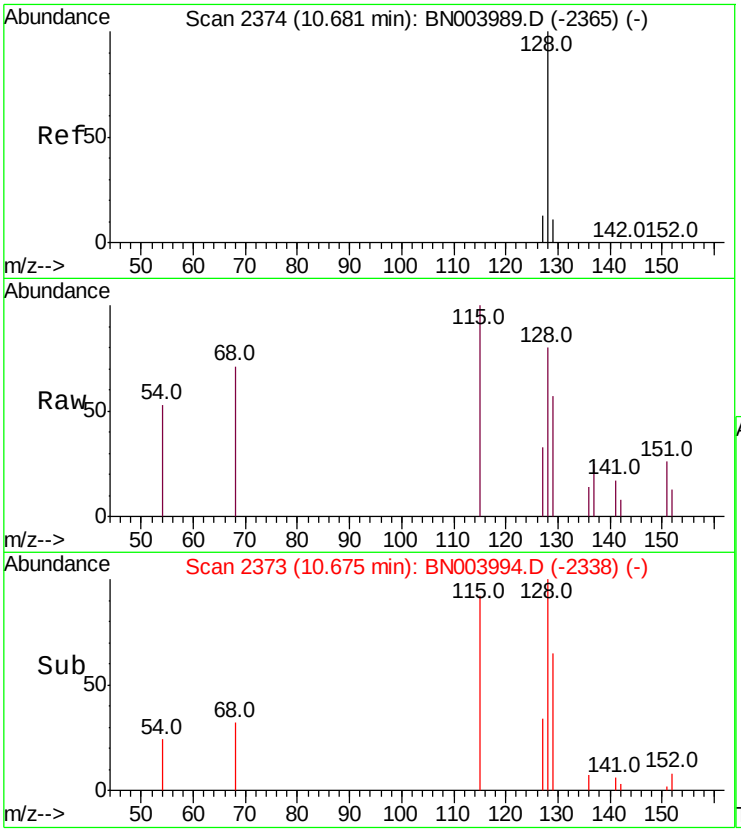

#3
Naphthalene
Concen: 0.063 ng/ul
RT: 10.68 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:128 Resp: 1672

Ion	Ratio	Lower	Upper
128	100		
129	70.8	9.0	13.6#
127	41.6	10.5	15.7#

Instrument :
BNA_N
ClientSampleId :
F9F31

Manual Integrations APPROVED
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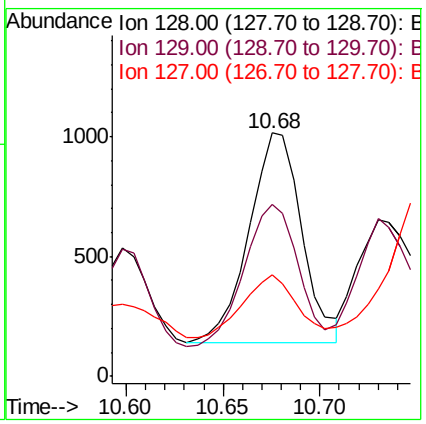
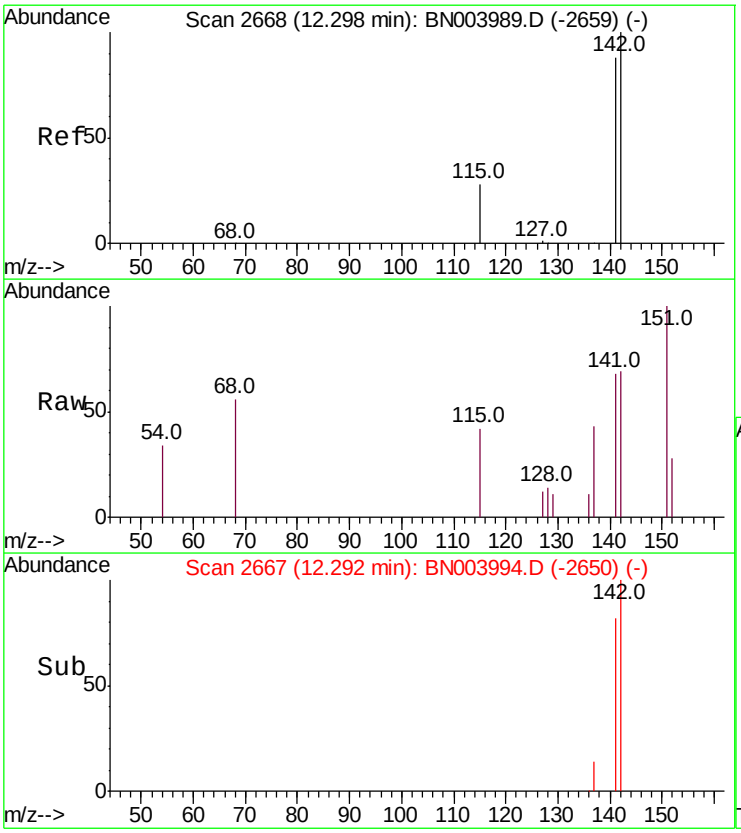
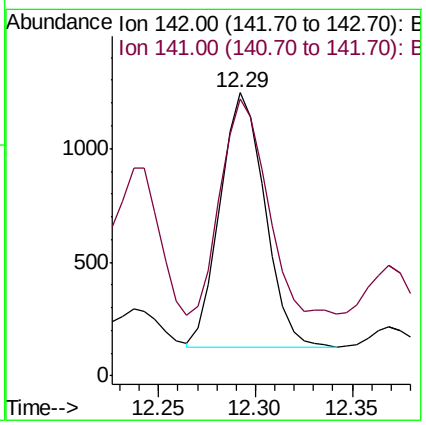


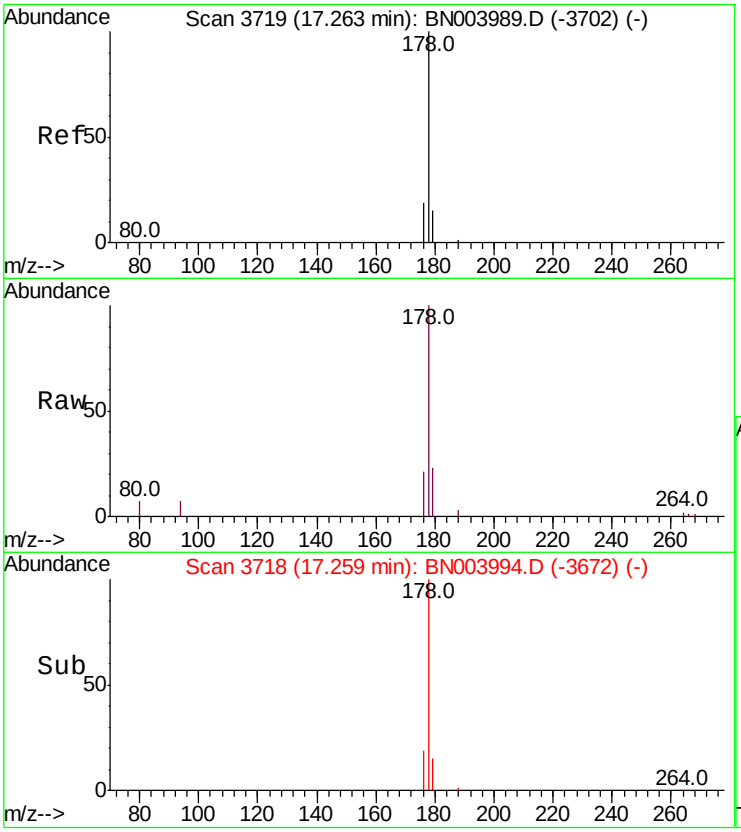


#5
2-Methylnaphthalene
Concen: 0.097 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. -0.01 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:142 Resp: 1790

Ion	Ratio	Lower	Upper
142	100		
141	96.5	71.5	107.3

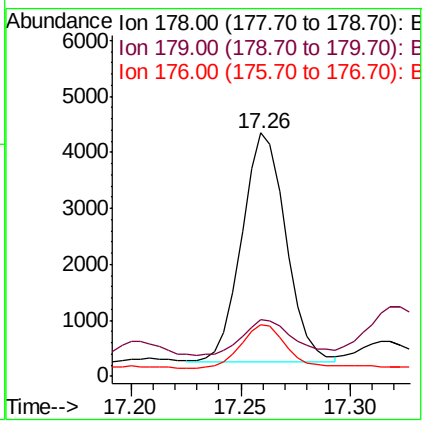




#12
Phenanthrene
Concen: 0.118 ng/ul m
RT: 17.26 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:178 Resp: 5680

Ion	Ratio	Lower	Upper
178	100		
179	23.3	12.5	18.7#
176	21.0	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
F9F31

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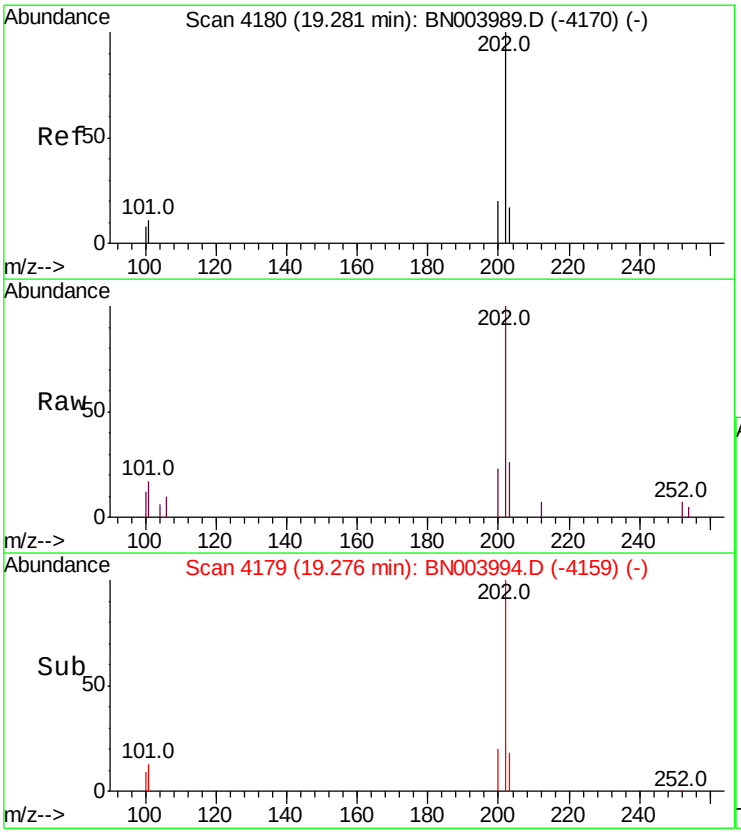
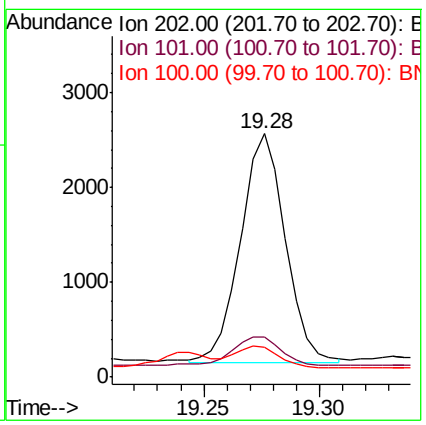
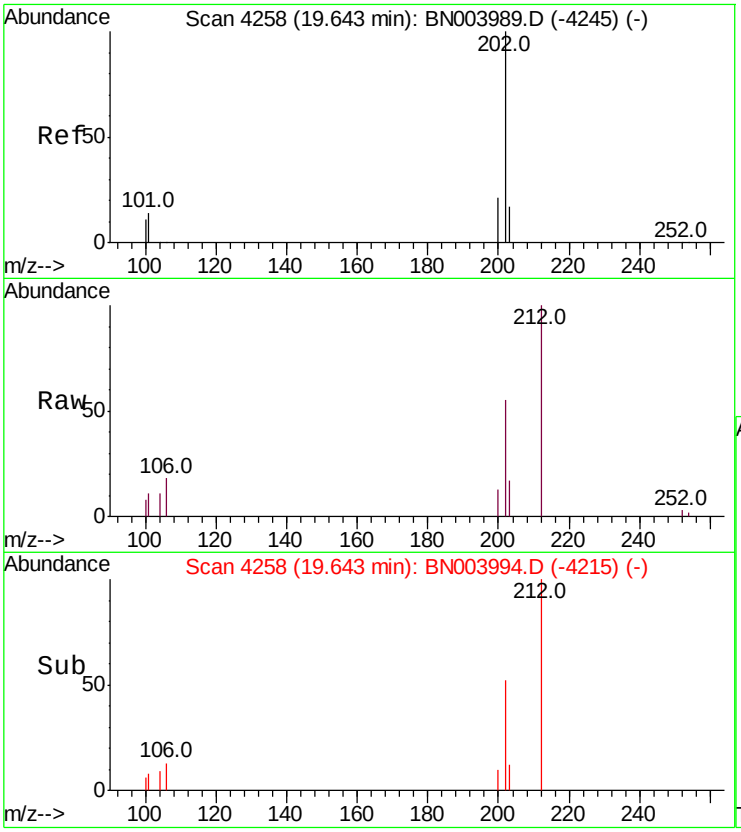


#15
Fluoranthene
Concen: 0.057 ng/ul m
RT: 19.28 min Scan# 4179
Delta R.T. -0.00 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:202 Resp: 3232

Ion	Ratio	Lower	Upper
202	100		
101	16.7	0.0	30.7
100	12.2	0.0	28.1

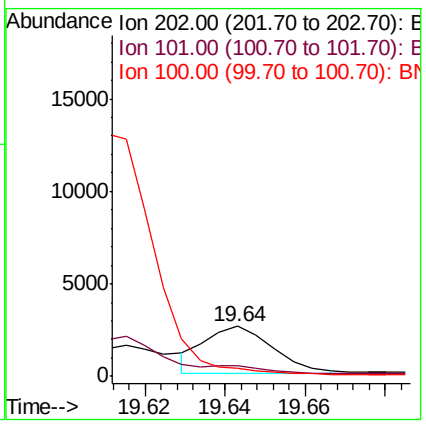




#17
Pyrene
Concen: 0.052 ng/ul m
RT: 19.64 min Scan# 4258
Delta R.T. -0.00 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:202 Resp: 2960

Ion	Ratio	Lower	Upper
202	100		
101	19.9	10.3	15.5#
100	15.1	8.5	12.7#



Instrument :
BNA_N
ClientSampleId :
F9F31

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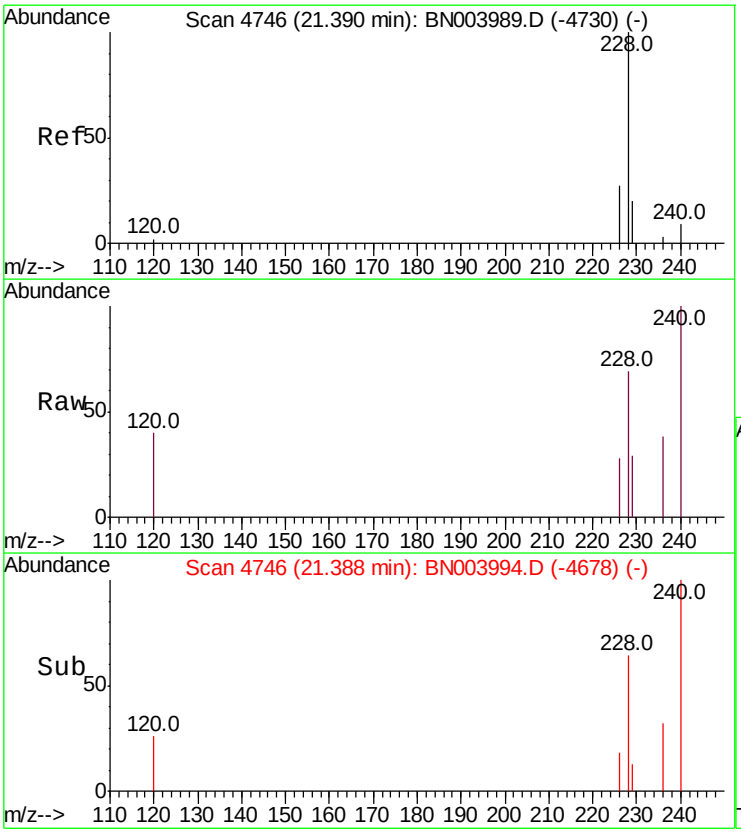
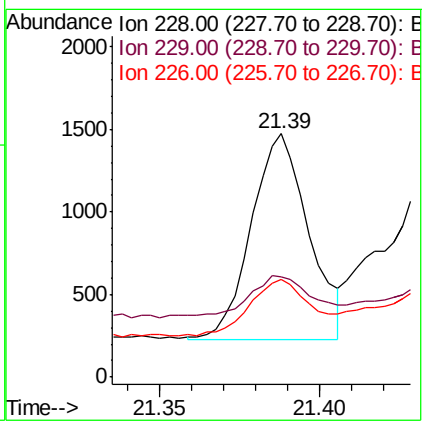
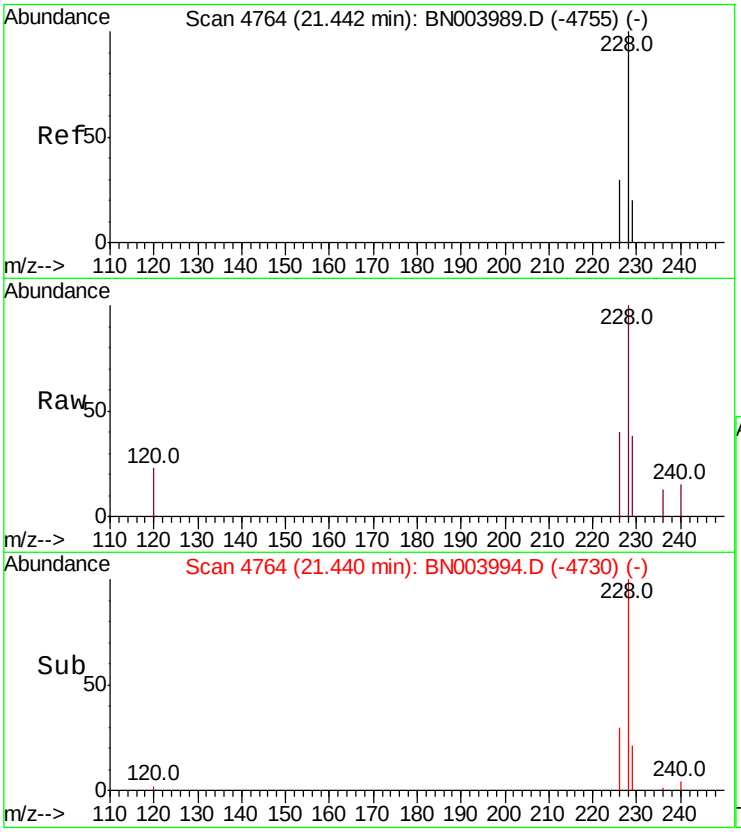


#18
Benzo(a)anthracene
Concen: 0.031 ng/ul m
RT: 21.39 min Scan# 4746
Delta R.T. -0.00 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:228 Resp: 1555

Ion	Ratio	Lower	Upper
228	100		
229	41.3	15.6	23.4#
226	40.3	21.1	31.7#

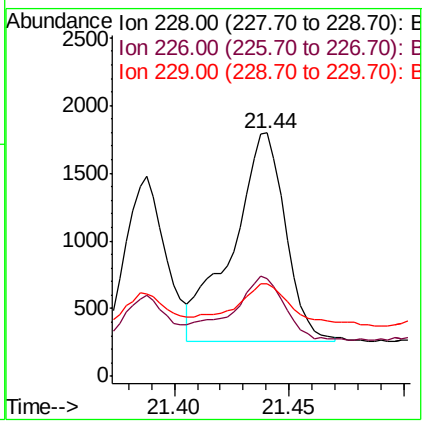




#19
Chrysene
Concen: 0.043 ng/ul m
RT: 21.44 min Scan# 4764
Delta R.T. -0.00 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:228 Resp: 2468

Ion	Ratio	Lower	Upper
228	100		
226	40.3	24.0	36.0#
229	38.1	15.7	23.5#



Instrument :
BNA_N
ClientSampleId :
F9F31

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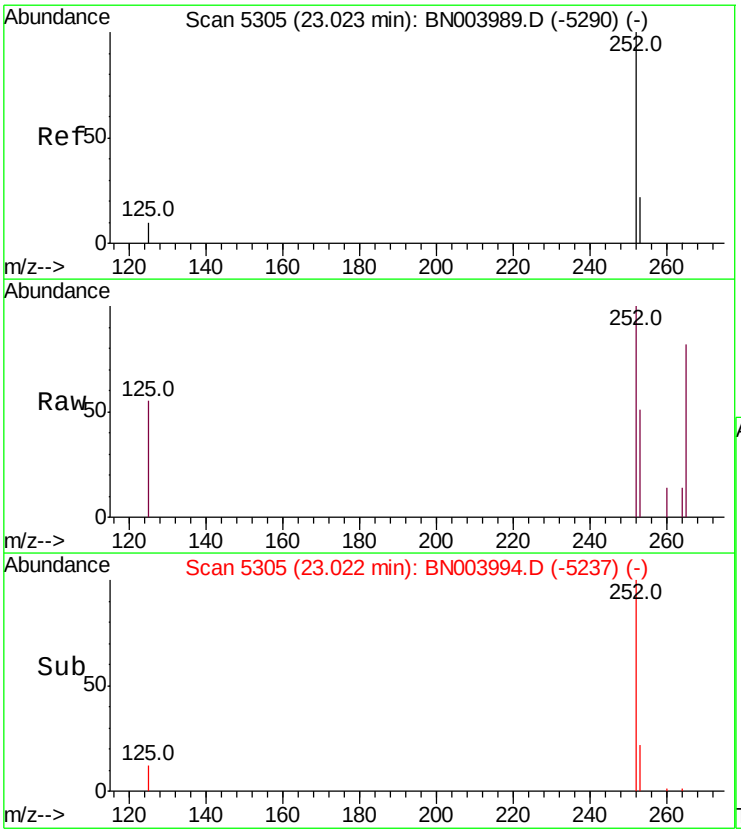
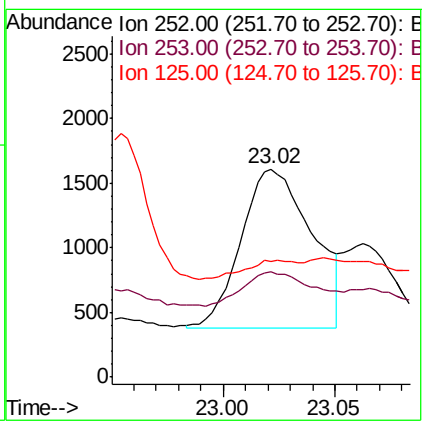
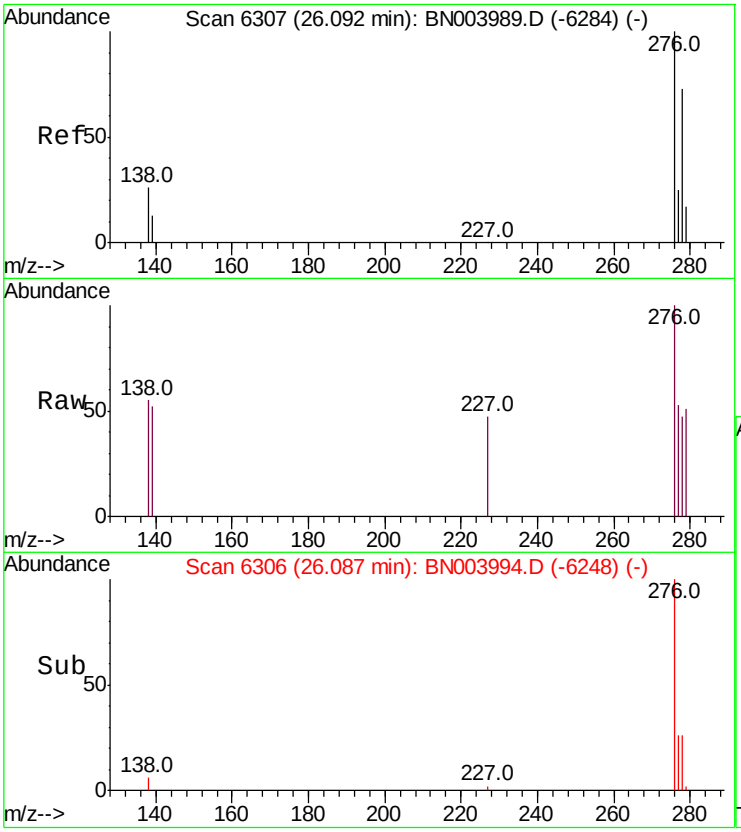


#21
Benzo(b)fluoranthene
Concen: 0.049 ng/ul m
RT: 23.02 min Scan# 5305
Delta R.T. -0.00 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:252 Resp: 2740

Ion	Ratio	Lower	Upper
252	100		
253	50.6	0.0	46.0#
125	55.3	0.0	22.4#

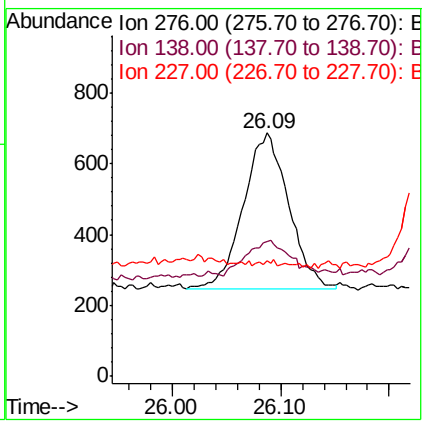




#24
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. -0.01 min
Lab File: BN003994.D
Acq: 16 Dec 2018 14:36

Tgt Ion:276 Resp: 1288

Ion	Ratio	Lower	Upper
276	100		
138	22.8	20.3	30.5
227	0.0	0.2	0.2#



Instrument :
BNA_N
ClientSampleId :
F9F31

Manual Integrations APPROVED
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