Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121518\
Data File : BN003971.D
Acq On : 15 Dec 2018 22:46
Operator : JU/SJ
Sample : J6171-06DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9Y10DL

Manual Integrations APPROVED
Sohil
12/17/2018 4:24:00 PM

Quant Time: Dec 15 23:27:06 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 : Sat Dec 15 23:04:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2058	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10406	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6224	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.22	188	15553	0.40	ng/ul	0.00
16) Chrysene-d12	21.40	240	20164	0.40	ng/ul	0.00
20) Perylene-d12	23.71	264	18268	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	478	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.24	212	1469	0.03	ng/ul	0.00
Target Compounds						Qvalue
5) 2-Methylnaphthalene	12.29	142	539	0.026	ng/ul	97
12) Phenanthrene	17.26	178	2169	0.042	ng/ul#	91
15) Fluoranthene	19.27	202	3509	0.058	ng/ul	91
17) Pyrene	19.63	202	4844	0.067	ng/ul#	91
18) Benzo(a)anthracene	21.38	228	2314	0.036	ng/ul#	68
19) Chrysene	21.43	228	4112	0.056	ng/ul#	79
21) Benzo(b)fluoranthene	23.01	252	4562m	0.060	ng/ul	
22) Benzo(k)fluoranthene	23.05	252	1598m	0.022	ng/ul	
23) Benzo(a)pyrene	23.61	252	2169	0.033	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.07	276	2108	0.028	ng/ul#	97
26) Benzo(g,h,i)perylene	26.79	276	2639	0.040	ng/ul#	49

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

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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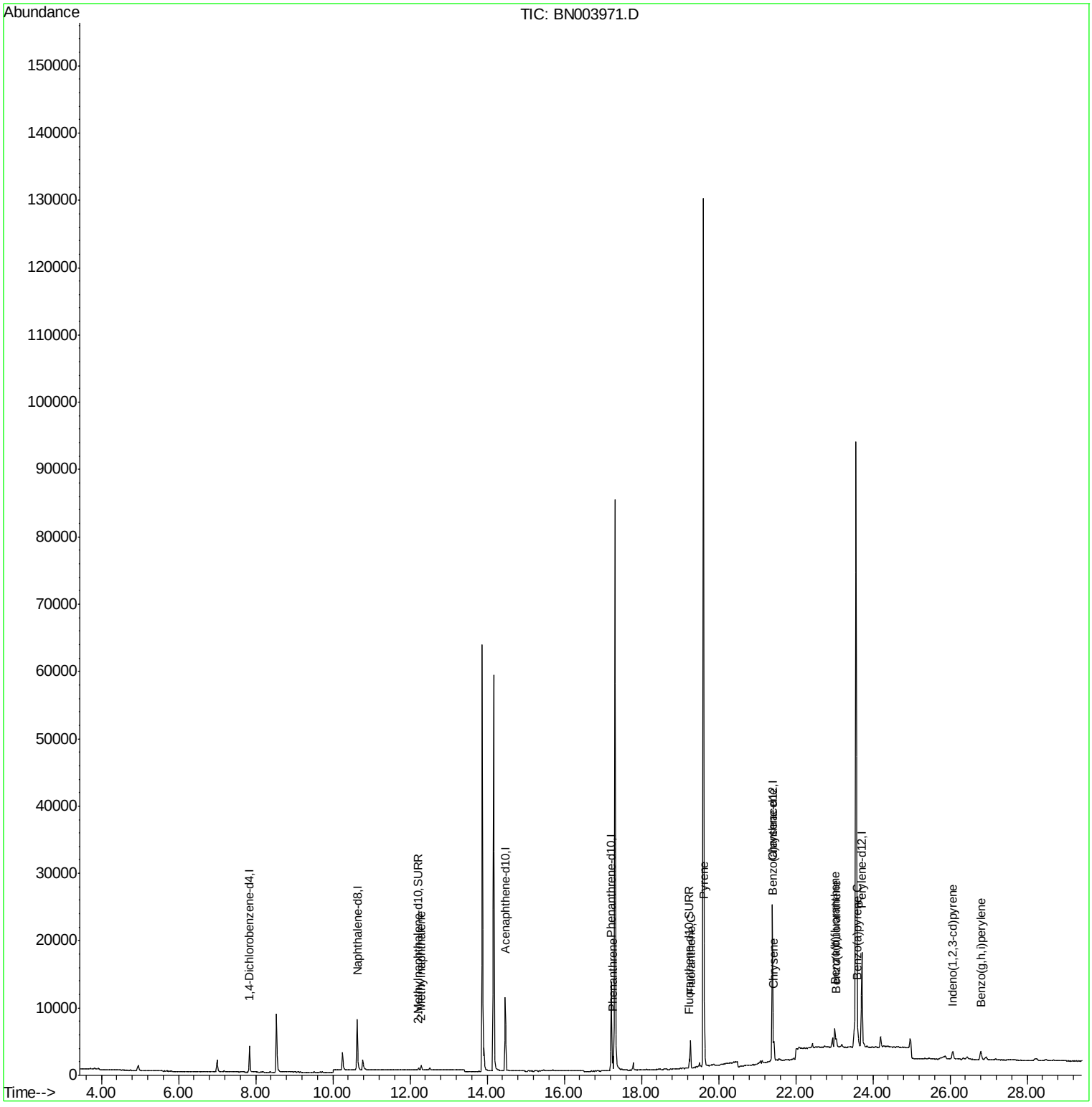

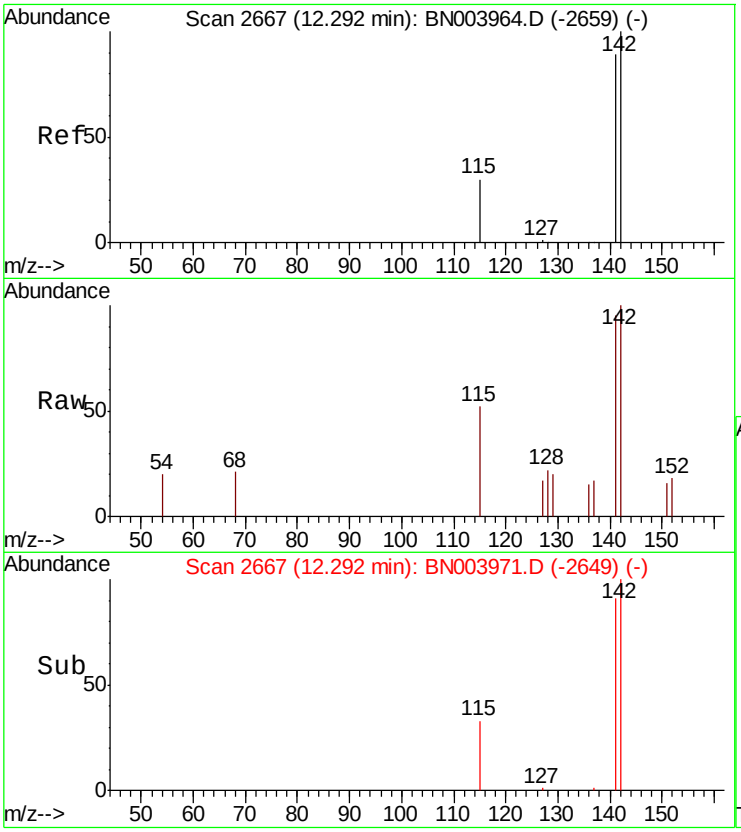

#5
2-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.29 min Scan# 2667
Delta R.T. 0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:142 Resp: 539

Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.5	107.3

Instrument :
BNA_N
ClientSampleId :
F9Y10DL

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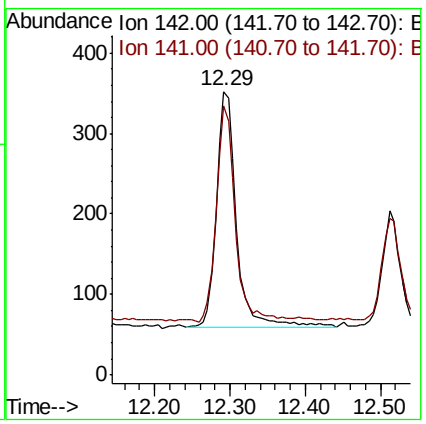
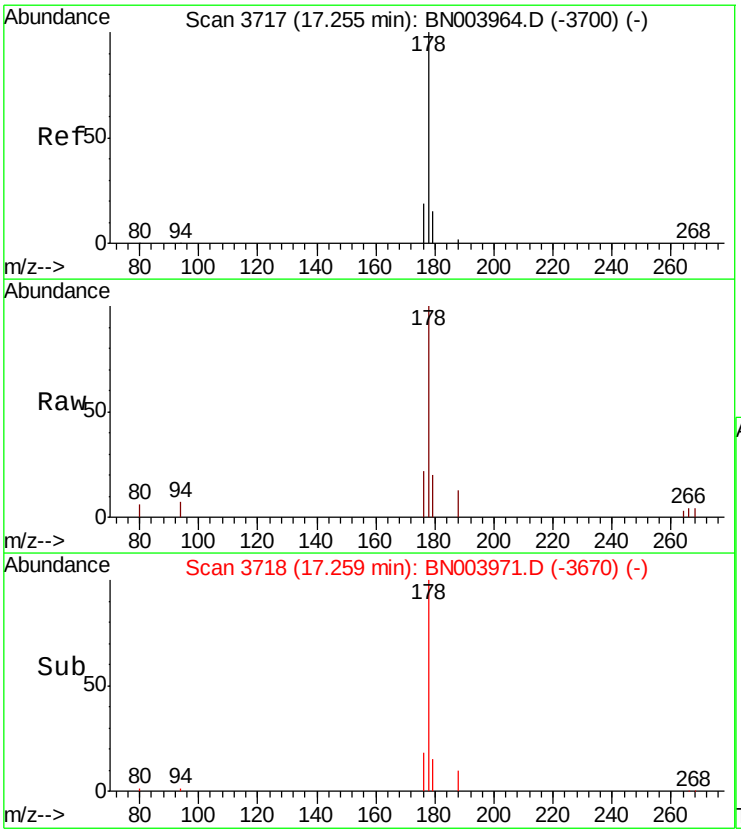
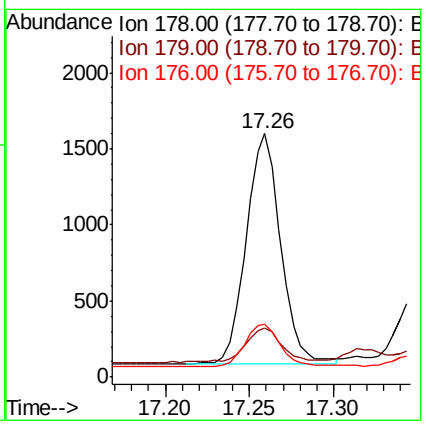


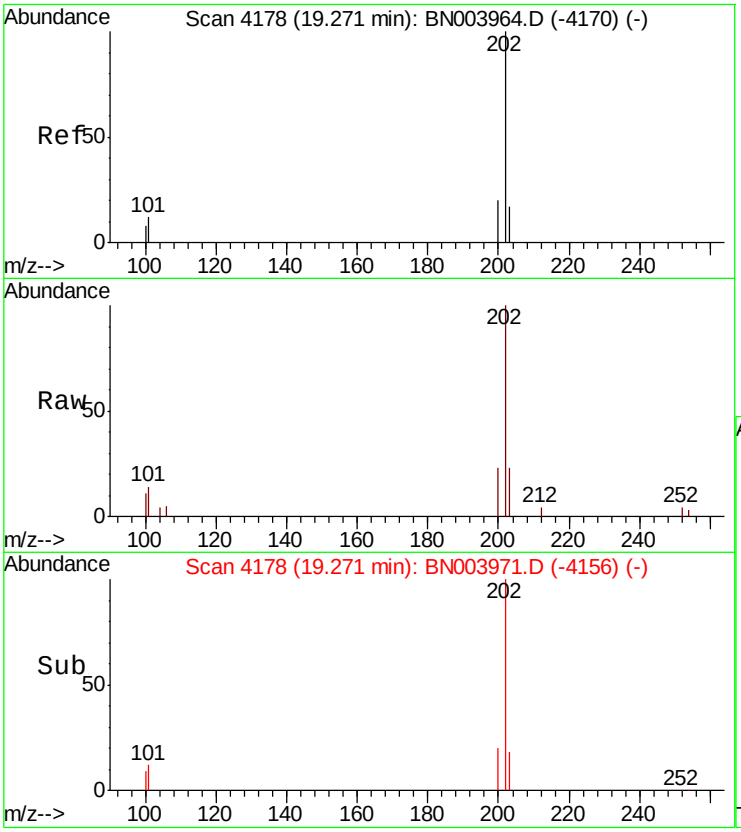


#12
Phenanthrene
Concen: 0.042 ng/ul
RT: 17.26 min Scan# 3718
Delta R.T. 0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:178 Resp: 2169

Ion	Ratio	Lower	Upper
178	100		
179	20.2	12.5	18.7#
176	21.7	15.0	22.4

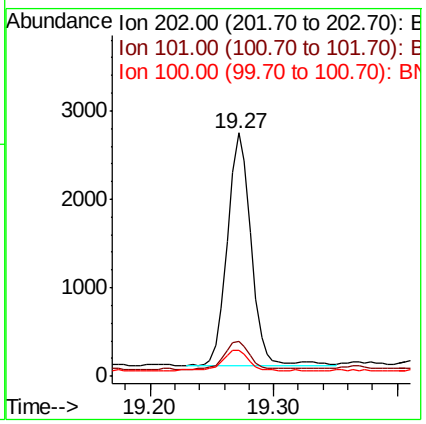




#15
Fluoranthene
Concen: 0.058 ng/ul
RT: 19.27 min Scan# 4178
Delta R.T. 0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:202 Resp: 3509

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.7
100	10.7	0.0	28.1



Instrument :
BNA_N
ClientSampleId :
F9Y10DL

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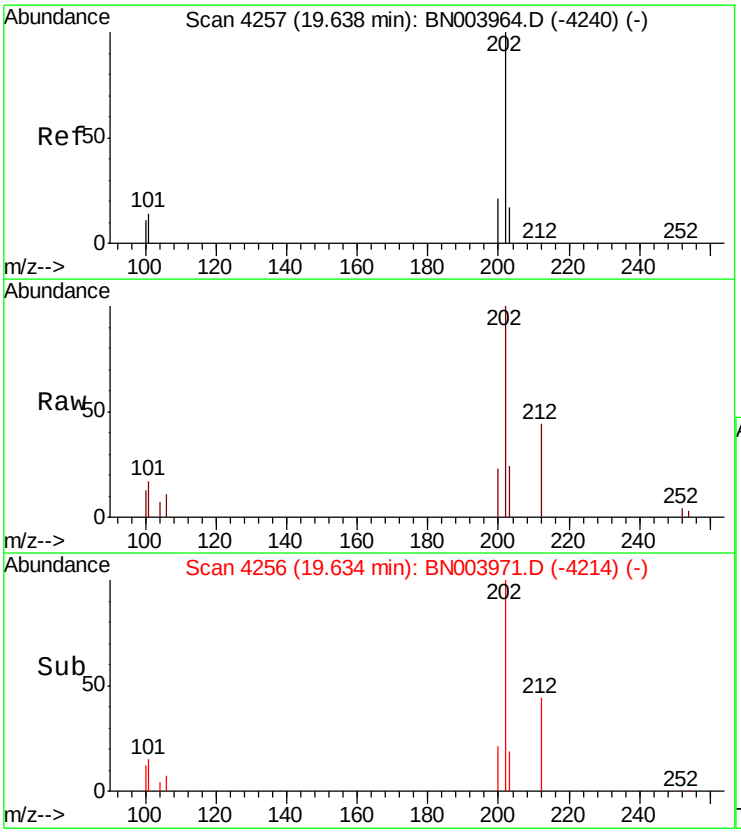
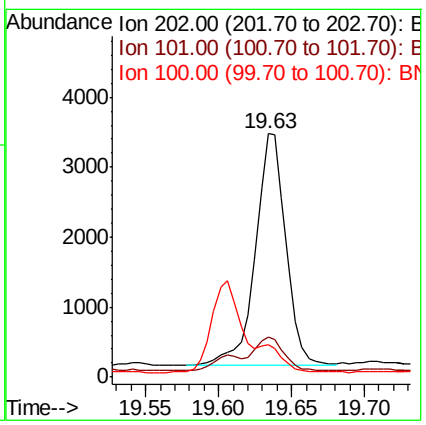
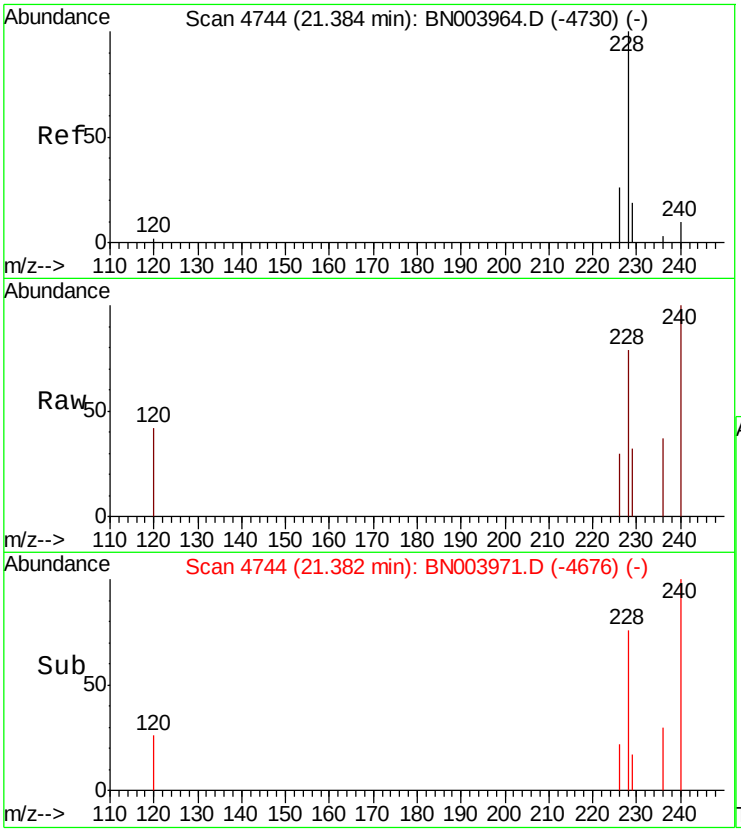


#17
Pyrene
Concen: 0.067 ng/ul
RT: 19.63 min Scan# 4256
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:202 Resp: 4844

Ion	Ratio	Lower	Upper
202	100		
101	16.7	10.3	15.5#
100	13.4	8.5	12.7#





#18
Benzo(a)anthracene
Concen: 0.036 ng/ul
RT: 21.38 min Scan# 4744
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:228 Resp: 2314

Ion	Ratio	Lower	Upper
228	100		
229	39.9	15.6	23.4#
226	38.3	21.1	31.7#

Instrument :
BNA_N
ClientSampleId :
F9Y10DL

Manual Integrations APPROVED
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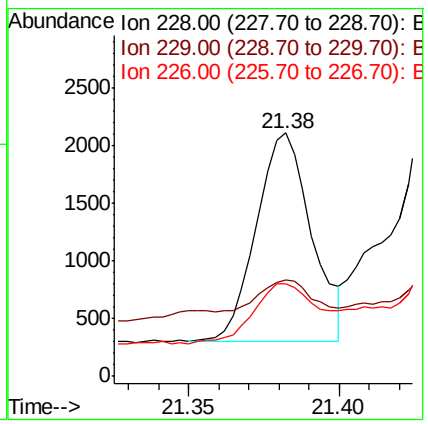
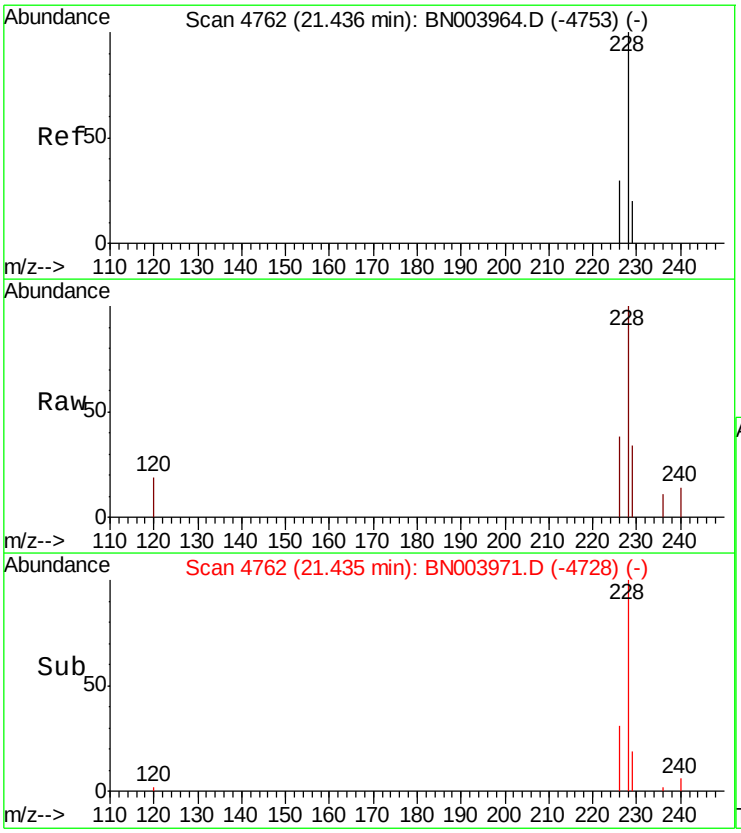
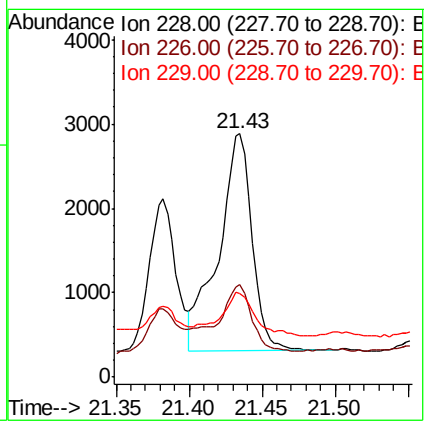


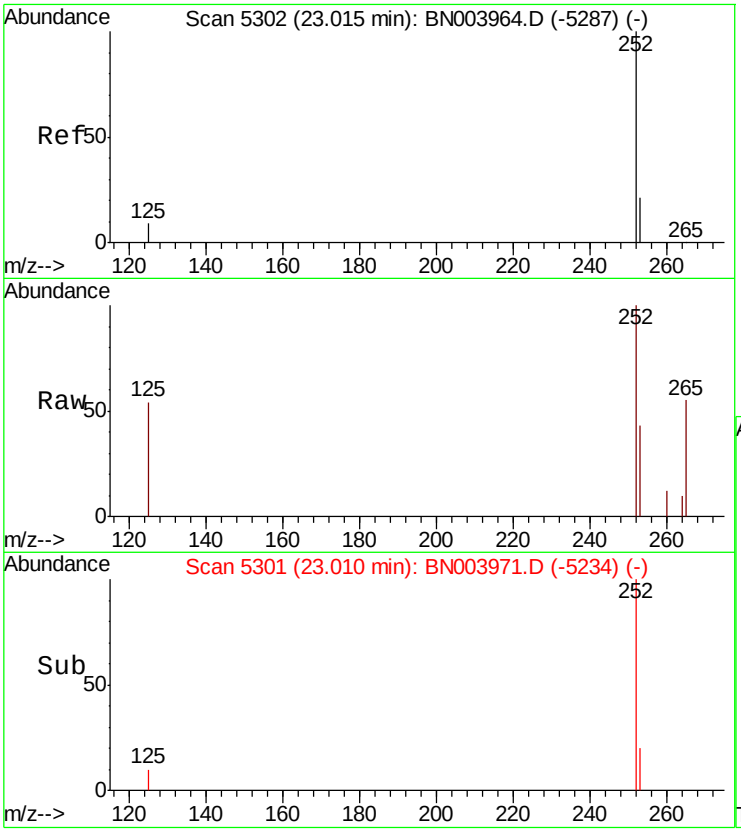


#19
Chrysene
Concen: 0.056 ng/ul
RT: 21.43 min Scan# 4762
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:228 Resp: 4112

Ion	Ratio	Lower	Upper
228	100		
226	37.8	24.0	36.0#
229	34.2	15.7	23.5#





#21
Benzo(b)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.01 min Scan# 5301
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:252 Resp: 4562

Ion	Ratio	Lower	Upper
252	100		
253	43.1	0.0	46.0
125	53.5	0.0	22.4#

Instrument :
BNA_N
ClientSampleId :
F9Y10DL

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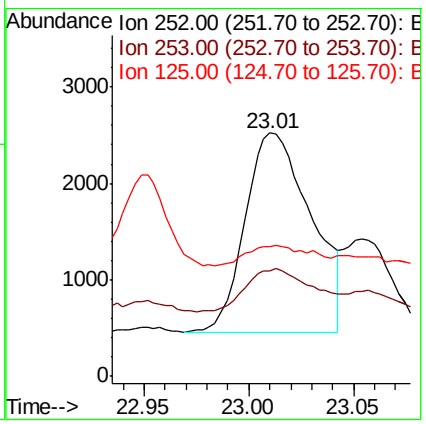
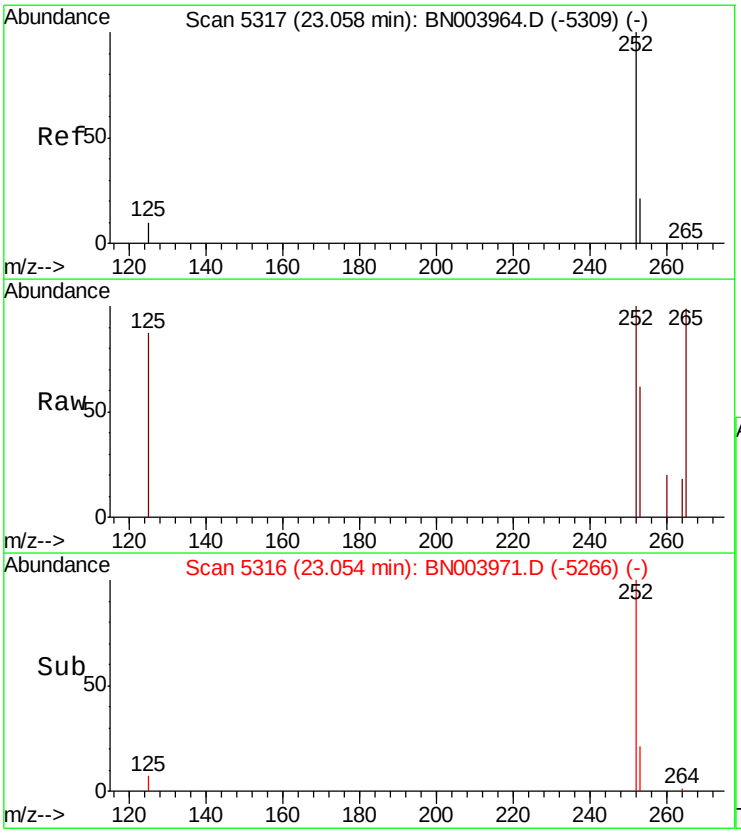
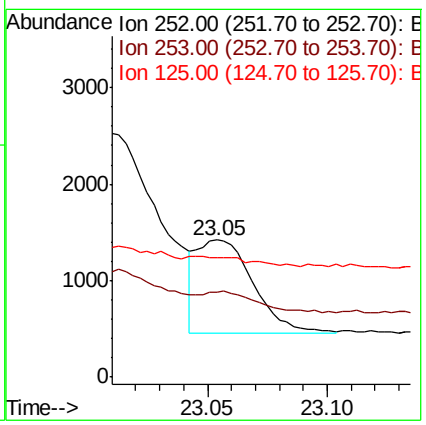


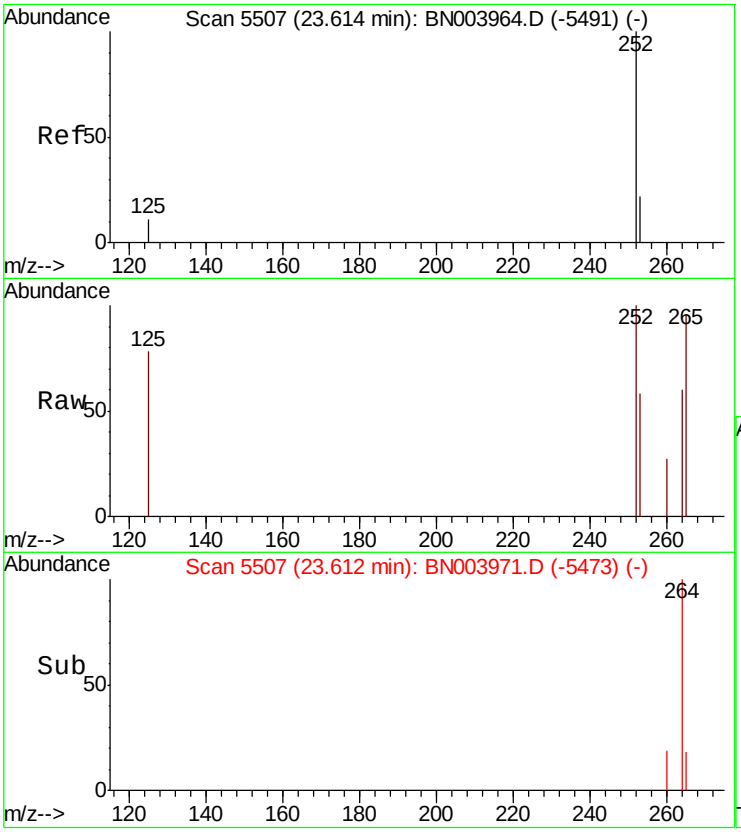


#22
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.05 min Scan# 5316
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:252 Resp: 1598

Ion	Ratio	Lower	Upper
252	100		
253	62.1	18.5	27.7#
125	87.3	9.0	13.6#





#23
Benzo(a)pyrene
Concen: 0.033 ng/ul
RT: 23.61 min Scan# 5507
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:252 Resp: 2169

Ion	Ratio	Lower	Upper
252	100		
253	57.9	19.0	28.4#
125	78.5	10.2	15.4#

Instrument :
BNA_N
ClientSampleId :
F9Y10DL

Manual Integrations APPROVED
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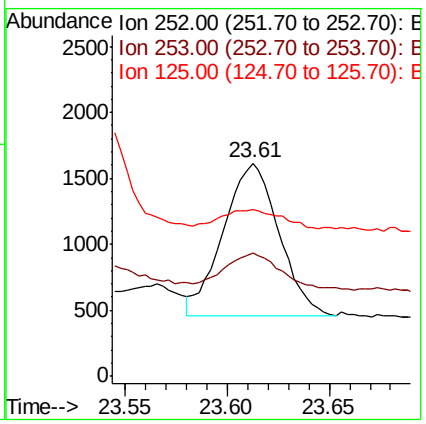
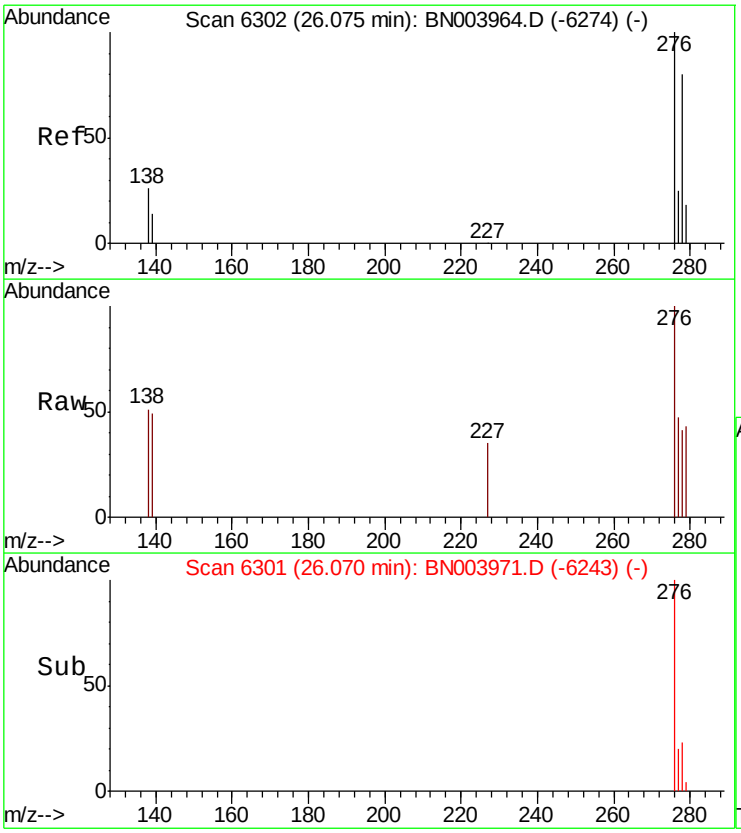
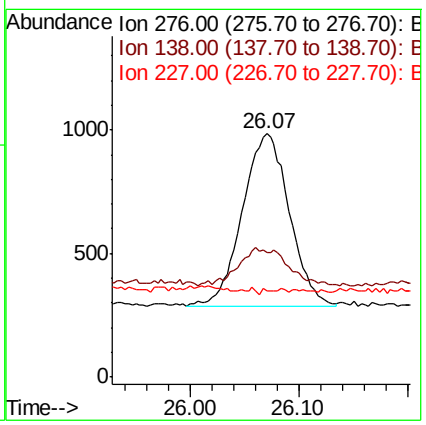


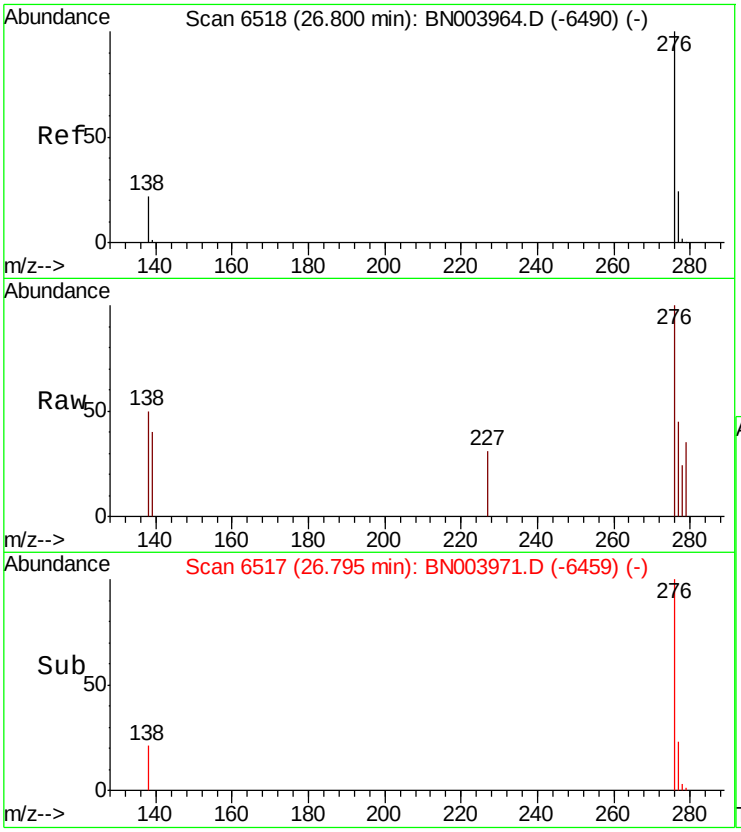


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.028 ng/ul
RT: 26.07 min Scan# 6301
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:276 Resp: 2108

Ion	Ratio	Lower	Upper
276	100		
138	23.8	20.3	30.5
227	0.9	0.2	0.2#





#26
Benzo(g,h,i)perylene
Concen: 0.040 ng/ul
RT: 26.79 min Scan# 6517
Delta R.T. -0.00 min
Lab File: BN003971.D
Acq: 15 Dec 2018 22:46

Tgt Ion:276 Resp: 2639

Ion	Ratio	Lower	Upper
276	100		
138	50.4	17.7	26.5#
277	45.4	19.3	28.9#

Instrument :
BNA_N
ClientSampleId :
F9Y10DL

Manual Integrations APPROVED
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