Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110218\
Data File : BN003403.D
Acq On : 02 Nov 2018 15:09
Operator : MJ/SJ
Sample : J5704-26MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A40K3MSD

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:09 PM

Quant Time: Nov 02 22:46:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 02 23:13:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	10856	0.40	ng/ul	0.00
2) Naphthalene-d8	10.65	136	44478	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.49	164	23946	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.23	188	53825	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	39975	0.40	ng/ul	0.00
20) Perylene-d12	23.73	264	37051	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.24	152	16024	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.26	212	34711	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.70	128	5972	0.048	ng/ul#	94
5) 2-Methylnaphthalene	12.31	142	5660	0.063	ng/ul	100
7) Acenaphthylene	14.21	152	5463	0.053	ng/ul#	87
8) Acenaphthene	14.55	153	43108	0.464	ng/ul	99
9) Fluorene	15.54	166	34126	0.312	ng/ul	100
11) Pentachlorophenol	16.88	266	5435	0.504	ng/ul	99
12) Phenanthrene	17.27	178	674661	3.822	ng/ul	99
13) Anthracene	17.36	178	130123	0.904	ng/ul	100
15) Fluoranthene	19.29	202	1283084	6.467	ng/ul	98
17) Pyrene	19.65	202	1115206	7.669	ng/ul	98
18) Benzo(a)anthracene	21.40	228	526595	4.202	ng/ul	98
19) Chrysene	21.45	228	544586	3.823	ng/ul	97
21) Benzo(b)fluoranthene	23.03	252	542634m	3.399	ng/ul	
22) Benzo(k)fluoranthene	23.07	252	217020m	1.403	ng/ul	
23) Benzo(a)pyrene	23.63	252	378121	2.836	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.09	276	229437	1.608	ng/ul	94
25) Dibenzo(a,h)anthracene	26.10	278	69188	0.595	ng/ul#	88
26) Benzo(g,h,i)perylene	26.82	276	171432	1.401	ng/ul	98

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

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Manual Integrations APPROVED
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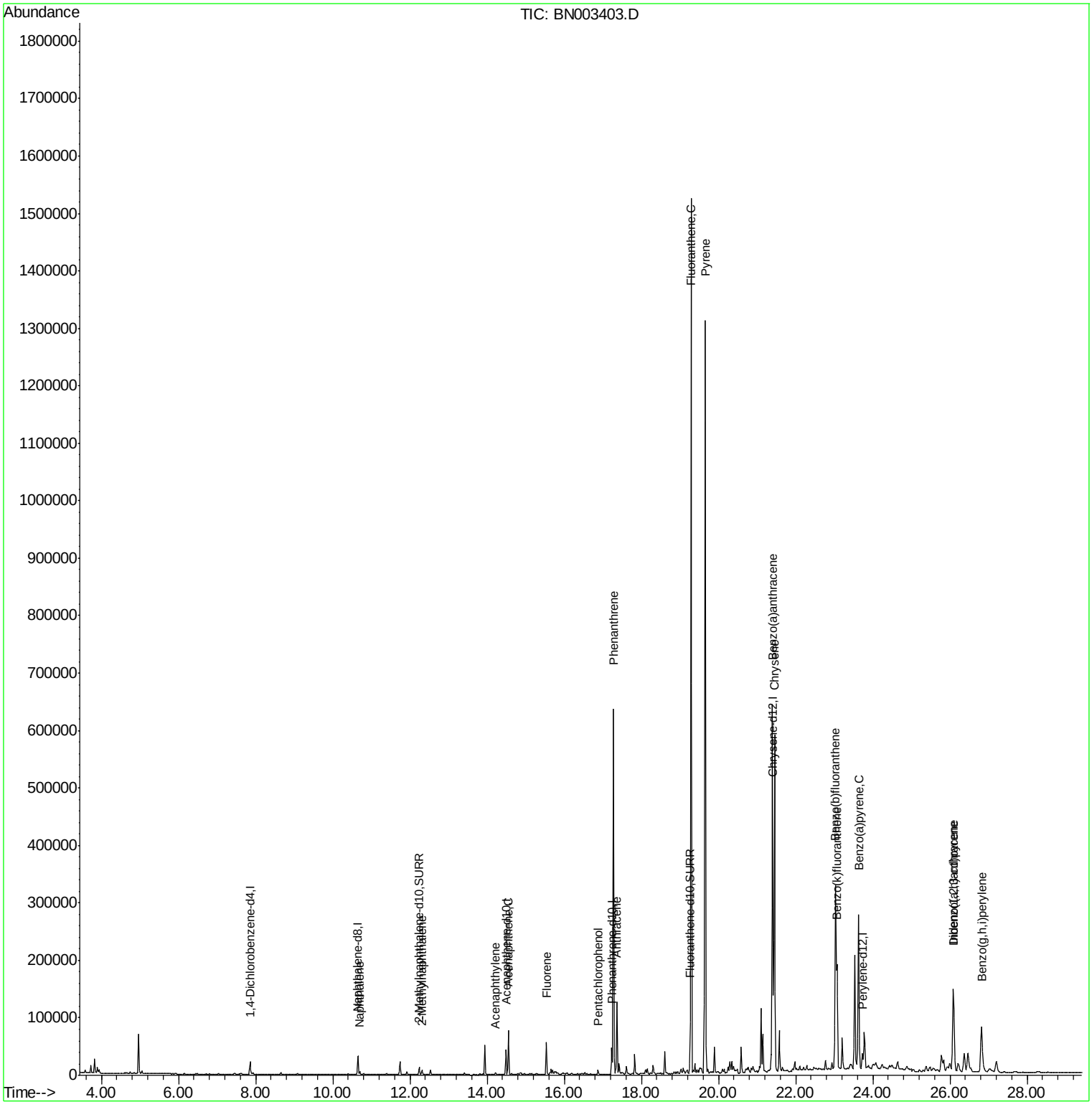

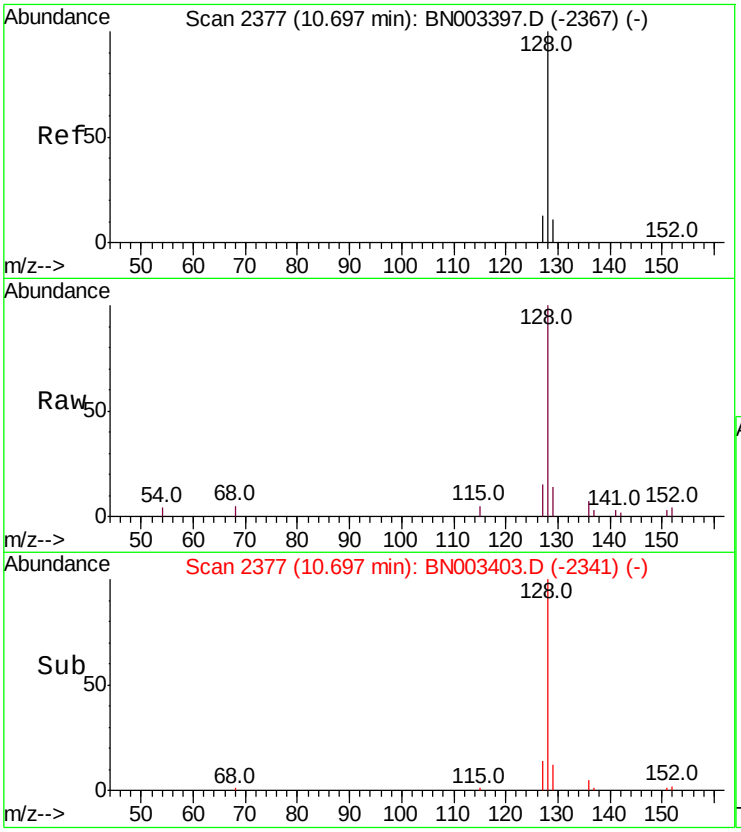

#3
Naphthalene
Concen: 0.048 ng/ul
RT: 10.70 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:128 Resp: 5972

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.0	13.6#
127	15.1	10.5	15.7

Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Manual Integrations APPROVED
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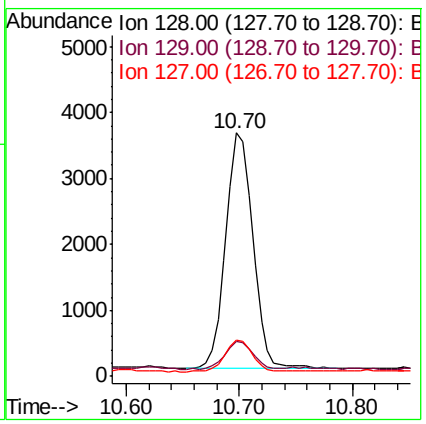
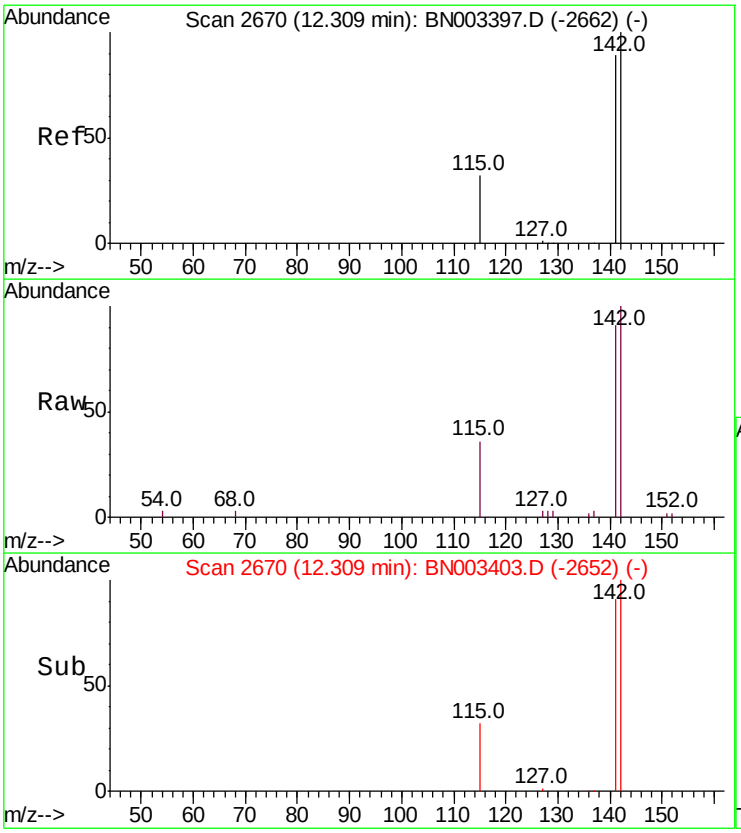
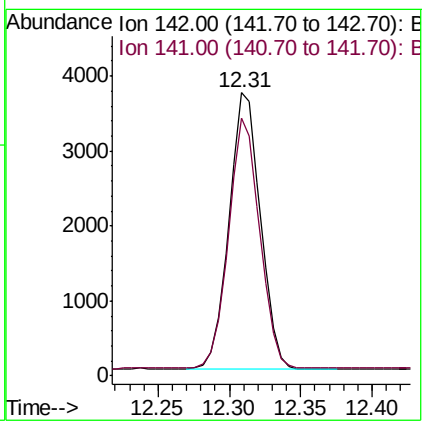


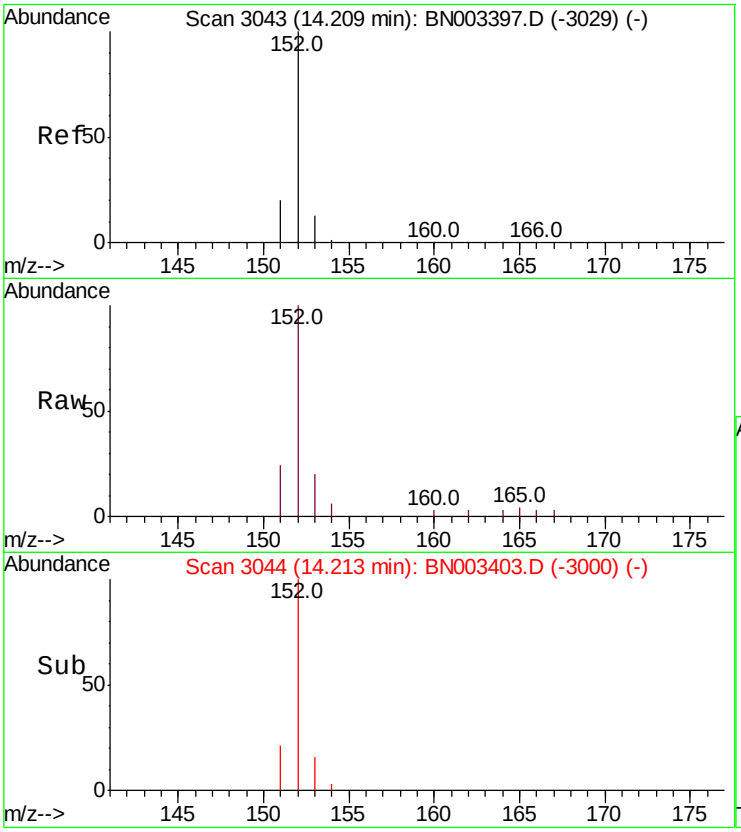


#5
2-Methylnaphthalene
Concen: 0.063 ng/ul
RT: 12.31 min Scan# 2670
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:142 Resp: 5660

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.2	106.8

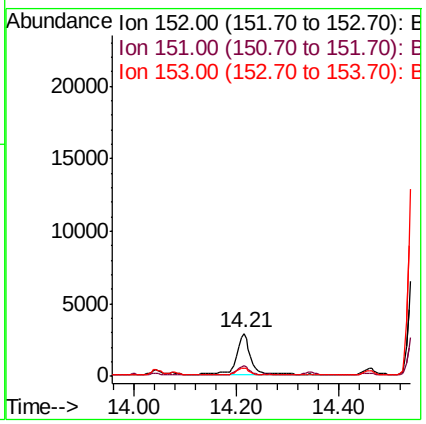




#7
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.21 min Scan# 3044
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:152 Resp: 5463

Ion	Ratio	Lower	Upper
152	100		
151	23.9	15.6	23.4#
153	20.1	10.4	15.6#



Instrument :
BNA_N
ClientSampleId :
A40K3MSD

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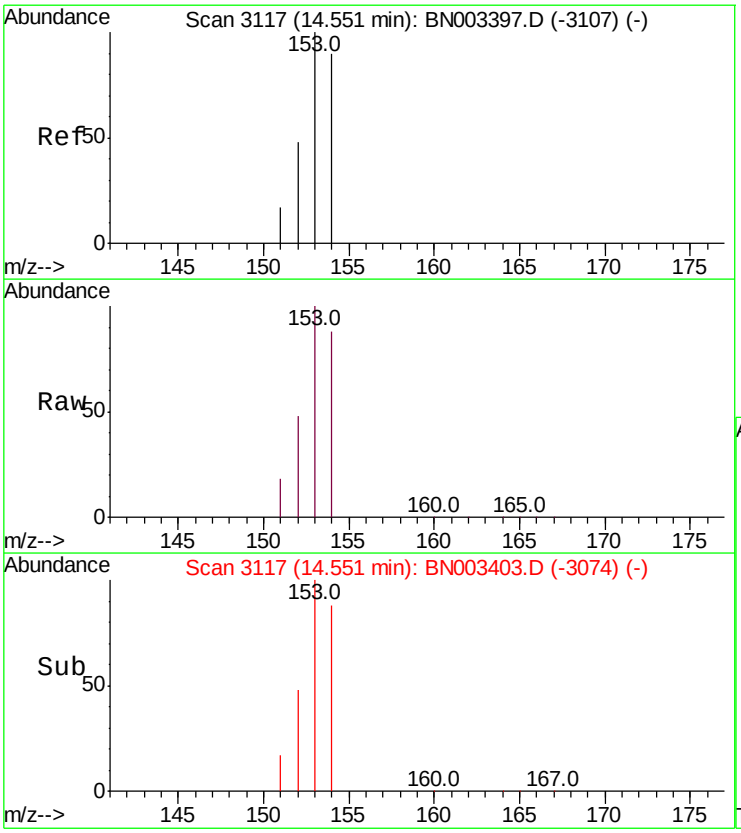
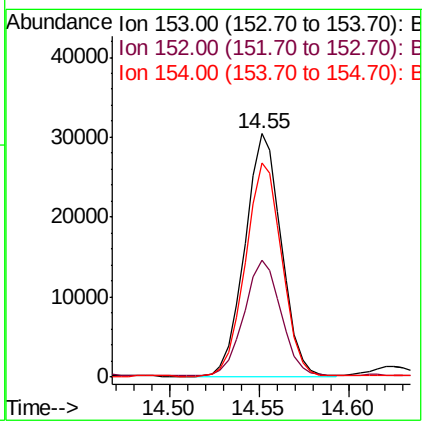
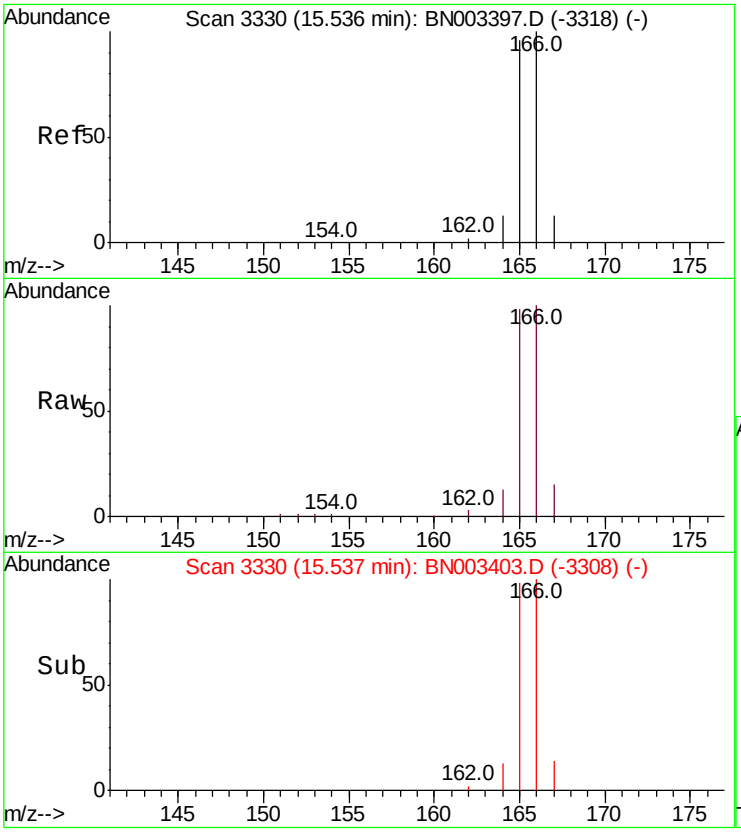


#8
Acenaphthene
Concen: 0.464 ng/ul
RT: 14.55 min Scan# 3117
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:153 Resp: 43108

Ion	Ratio	Lower	Upper
153	100		
152	48.0	39.5	59.3
154	87.8	70.3	105.5

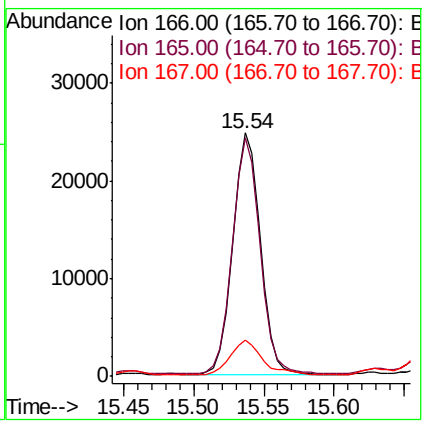




#9
Fluorene
Concen: 0.312 ng/ul
RT: 15.54 min Scan# 3330
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:166 Resp: 34126

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.3	117.5
167	14.6	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Manual Integrations APPROVED
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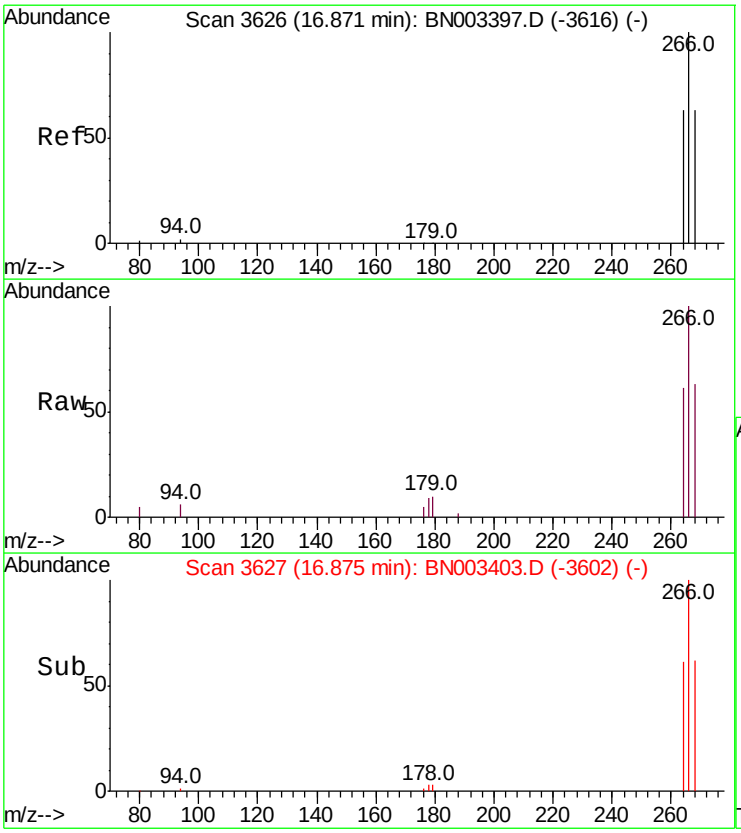
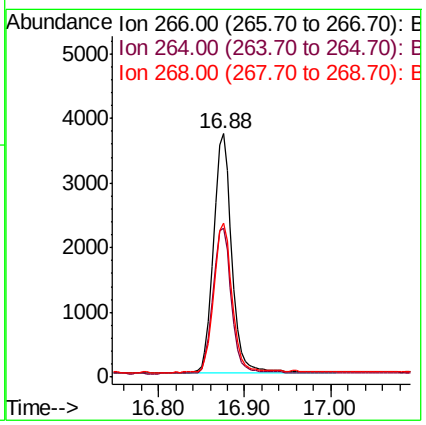
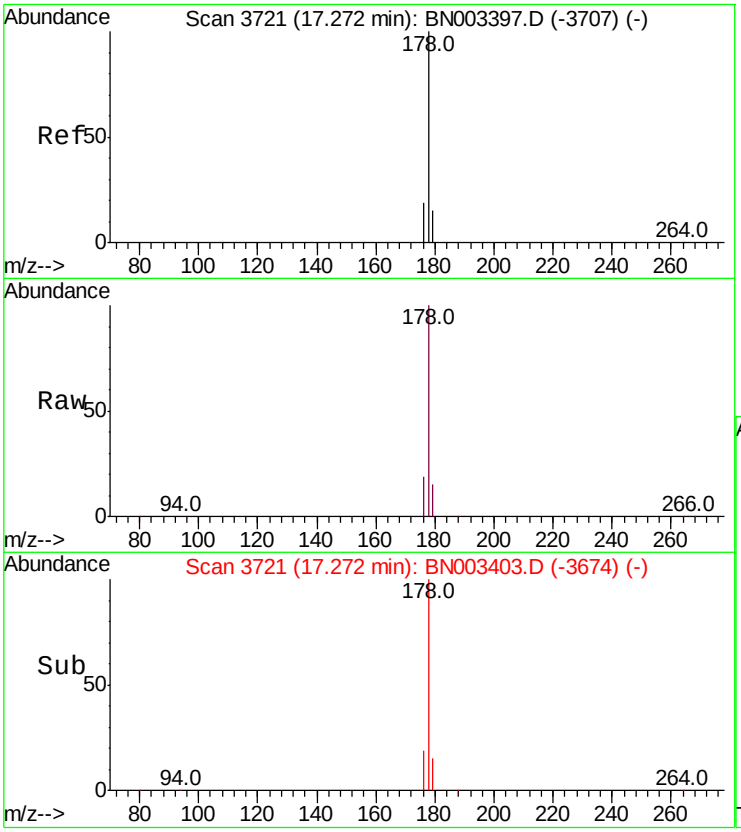


#11
Pentachlorophenol
Concen: 0.504 ng/ul
RT: 16.88 min Scan# 3627
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:266 Resp: 5435

Ion	Ratio	Lower	Upper
266	100		
264	61.4	50.2	75.4
268	62.5	50.7	76.1

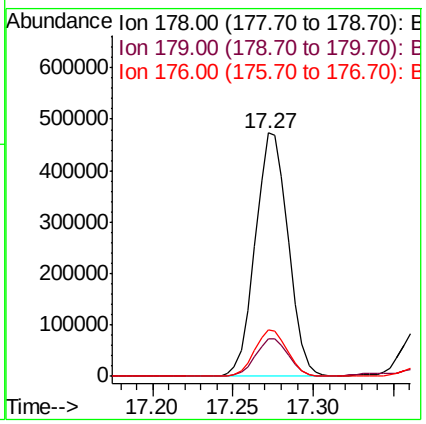




#12
Phenanthrene
Concen: 3.822 ng/ul
RT: 17.27 min Scan# 3721
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:178 Resp: 674661

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	19.1	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Manual Integrations APPROVED
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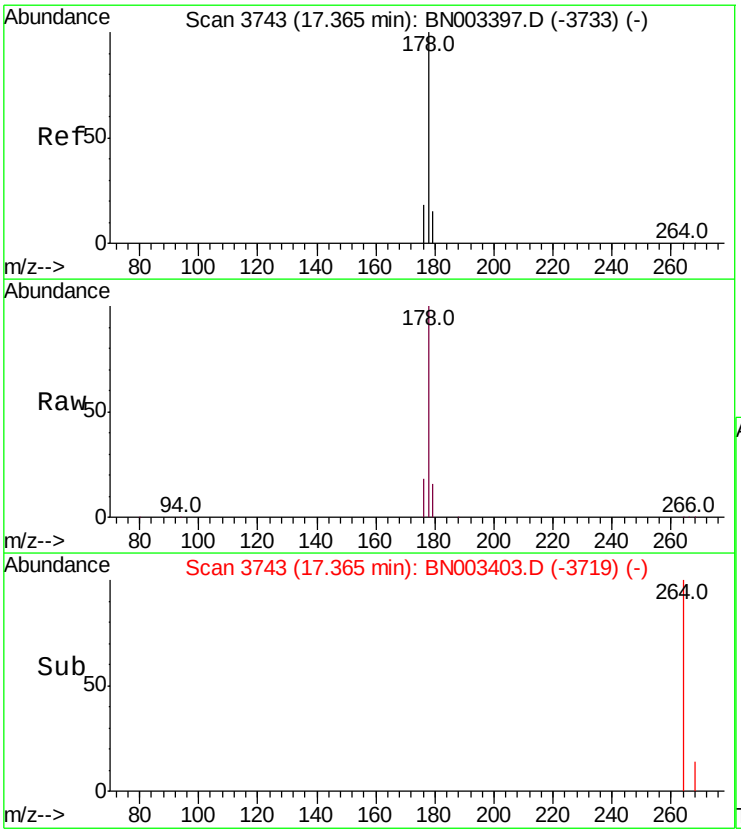
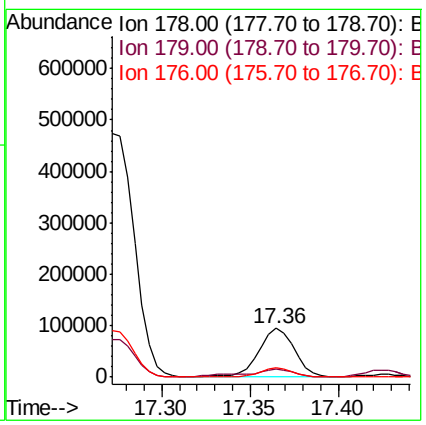
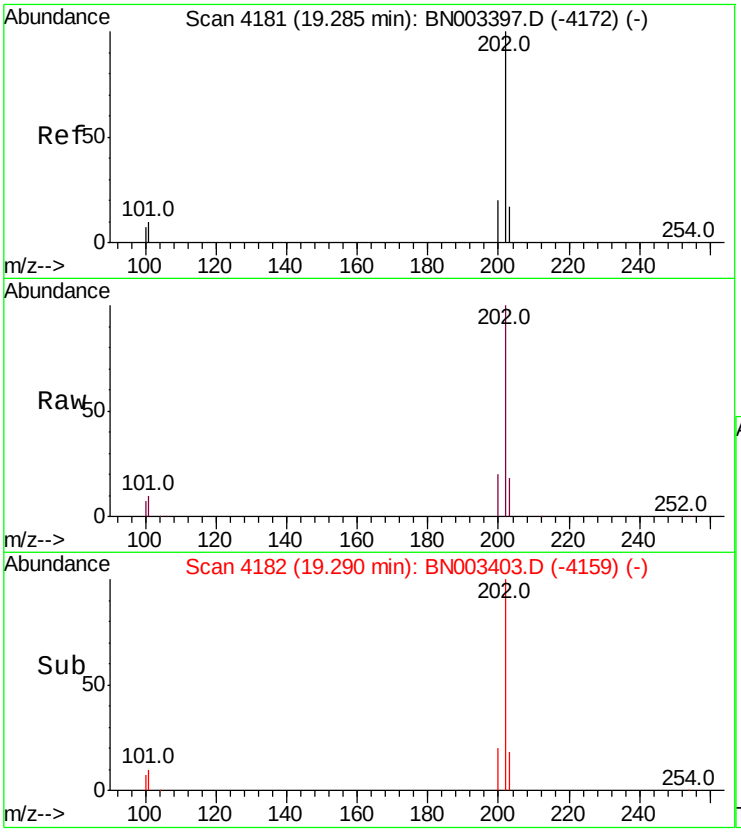


#13
Anthracene
Concen: 0.904 ng/ul
RT: 17.36 min Scan# 3743
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:178 Resp: 130123

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	18.3	14.7	22.1

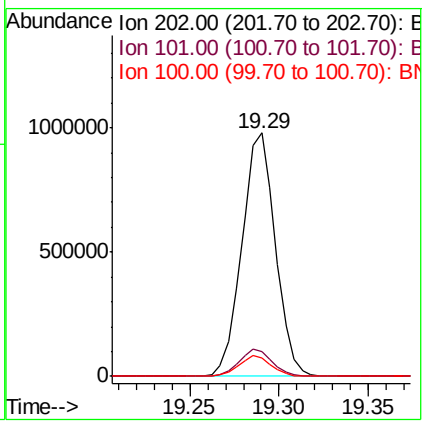




#15
Fluoranthene
Concen: 6.467 ng/ul
RT: 19.29 min Scan# 4182
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:202 Resp: 1283084

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.7
100	7.5	0.0	28.0



Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Manual Integrations APPROVED
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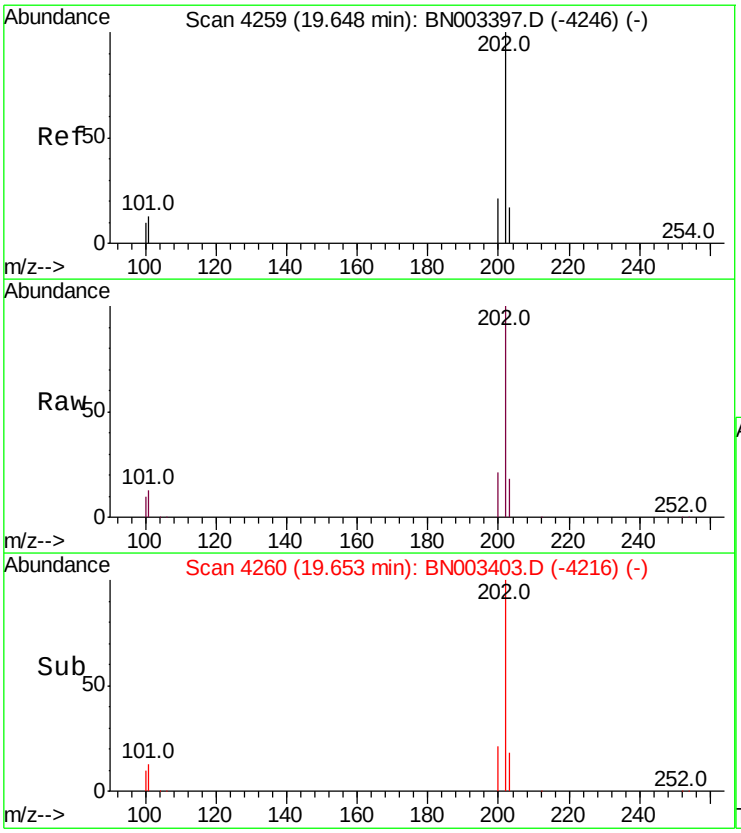
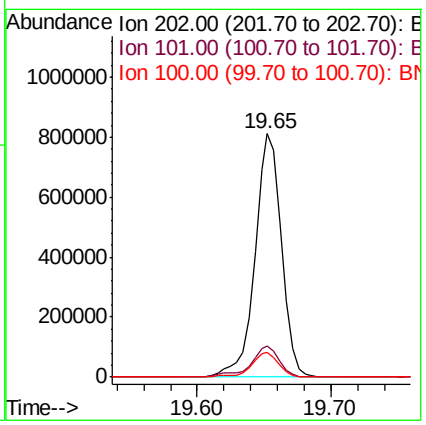
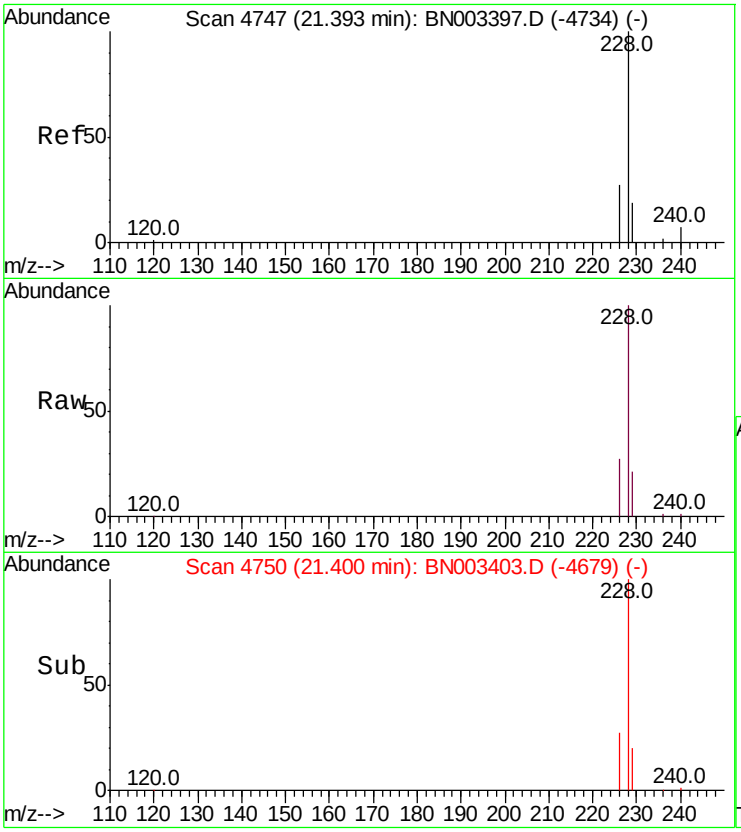


#17
Pyrene
Concen: 7.669 ng/ul
RT: 19.65 min Scan# 4260
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:202 Resp: 1115206

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.5	14.3
100	10.1	7.5	11.3

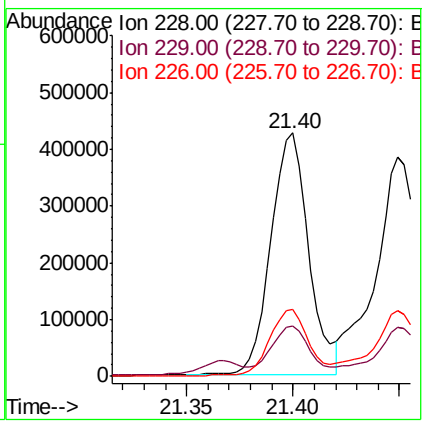




#18
Benzo(a)anthracene
Concen: 4.202 ng/ul
RT: 21.40 min Scan# 4750
Delta R.T. 0.01 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:228 Resp: 526595

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.5	23.3
226	27.3	21.5	32.3



Instrument :
BNA_N
ClientSampleId :
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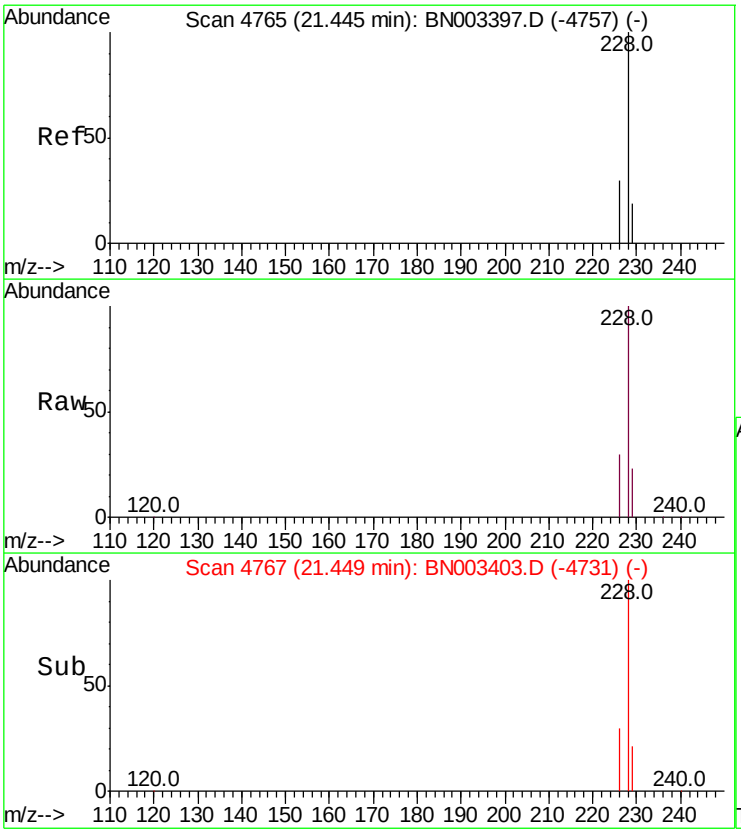
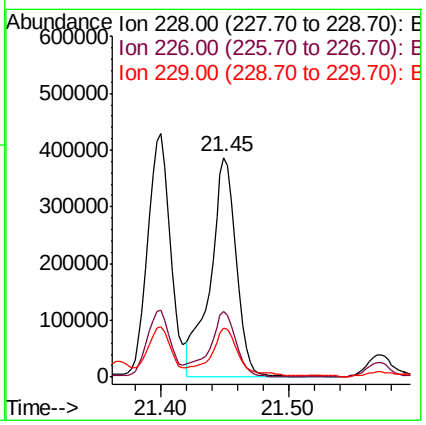
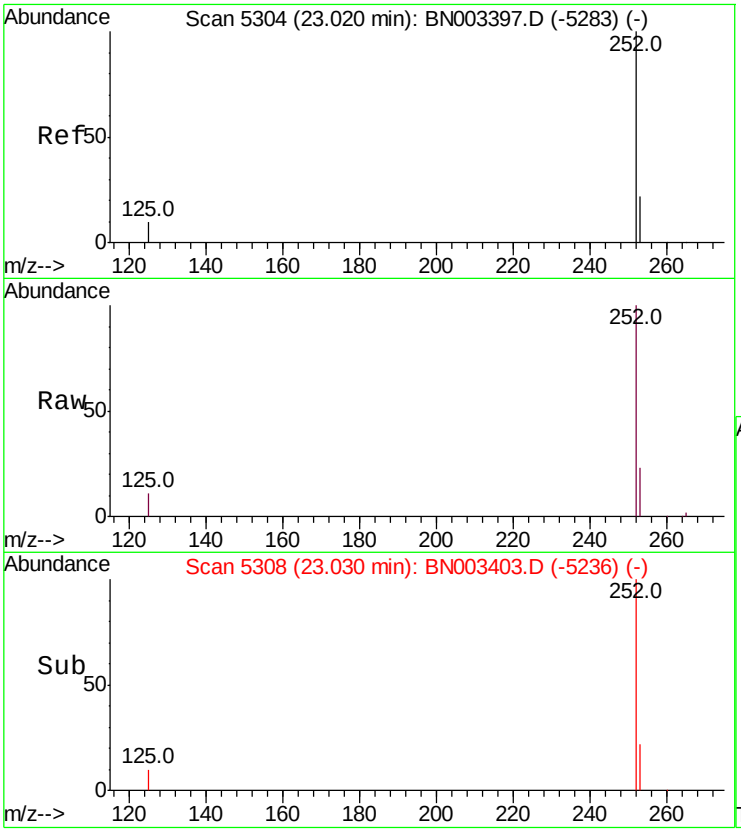


#19
Chrysene
Concen: 3.823 ng/ul
RT: 21.45 min Scan# 4767
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:228 Resp: 544586

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.6
229	22.5	15.5	23.3

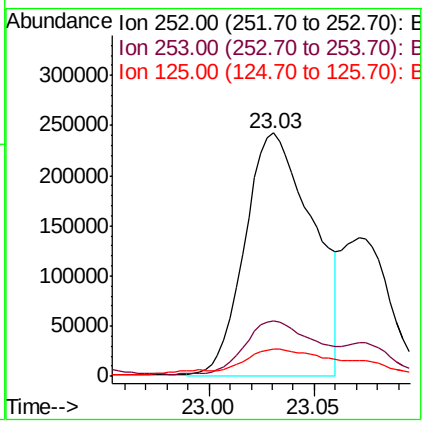




#21
Benzo(b)fluoranthene
Concen: 3.399 ng/ul m
RT: 23.03 min Scan# 5308
Delta R.T. 0.01 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:252 Resp: 542634

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	45.6
125	11.1	0.0	21.8



Instrument :
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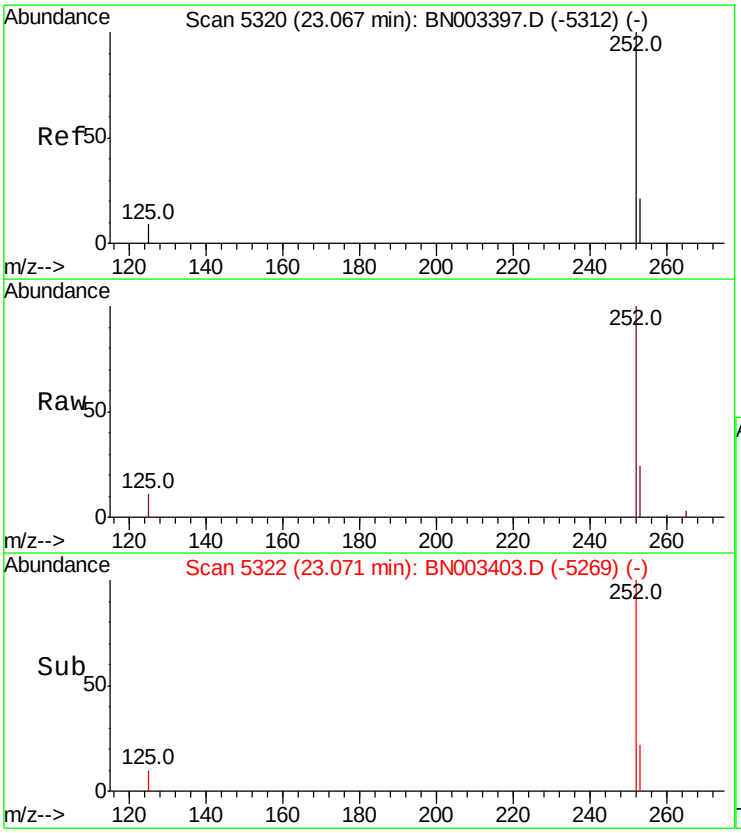
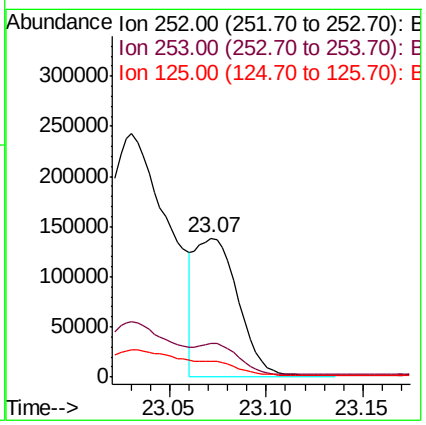
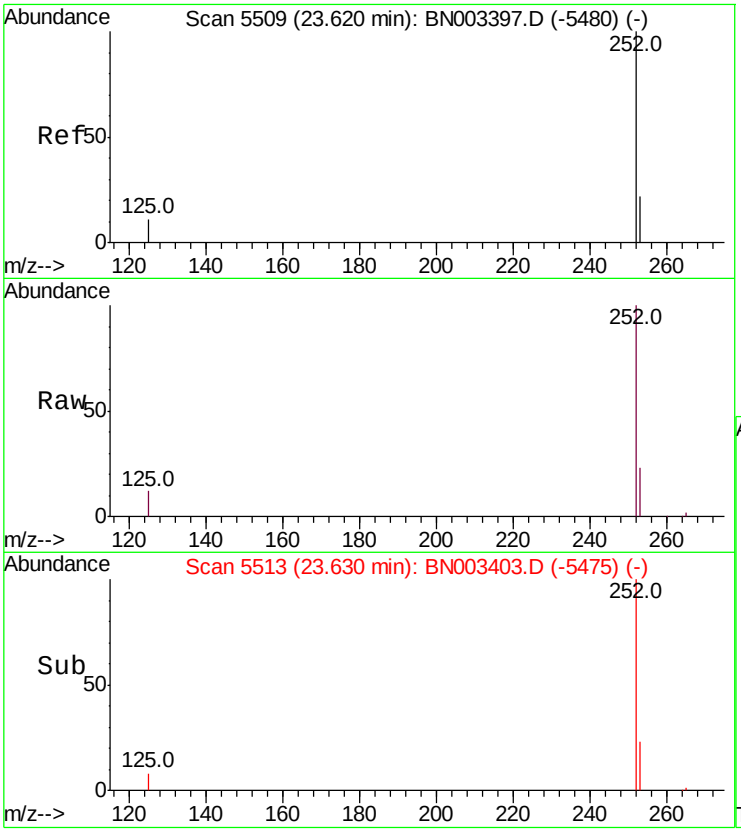


#22
Benzo(k)fluoranthene
Concen: 1.403 ng/ul m
RT: 23.07 min Scan# 5322
Delta R.T. 0.00 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:252 Resp: 217020

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	11.4	8.6	13.0





#23
Benzo(a)pyrene
Concen: 2.836 ng/ul
RT: 23.63 min Scan# 5513
Delta R.T. 0.01 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:252 Resp: 378121

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	11.7	9.9	14.9

Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Manual Integrations APPROVED
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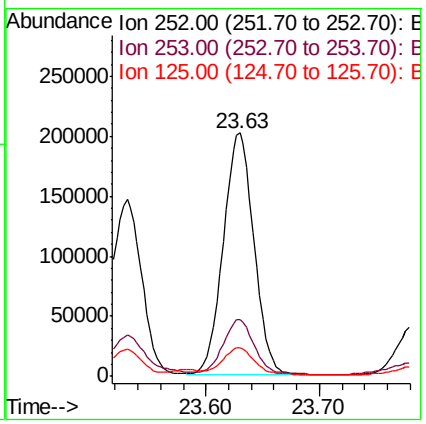
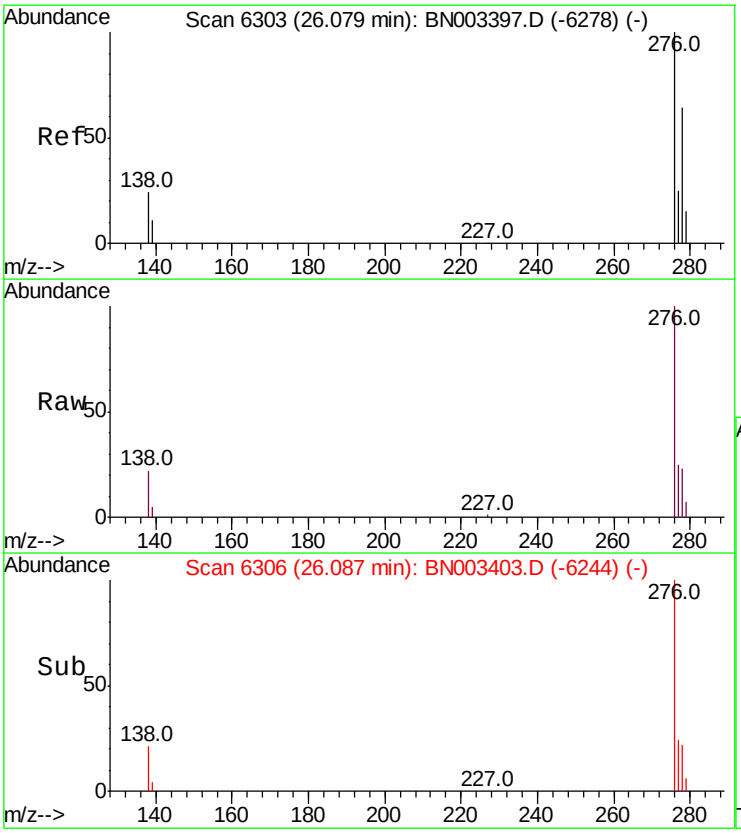
11/5/2018 4:09:09 PM

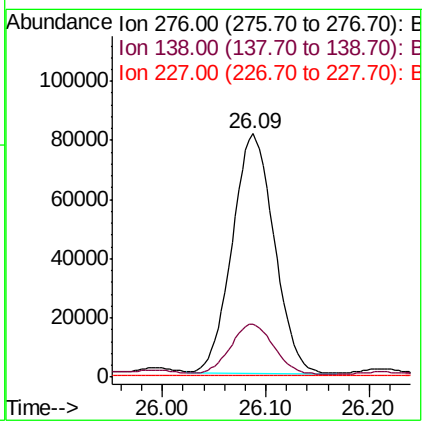


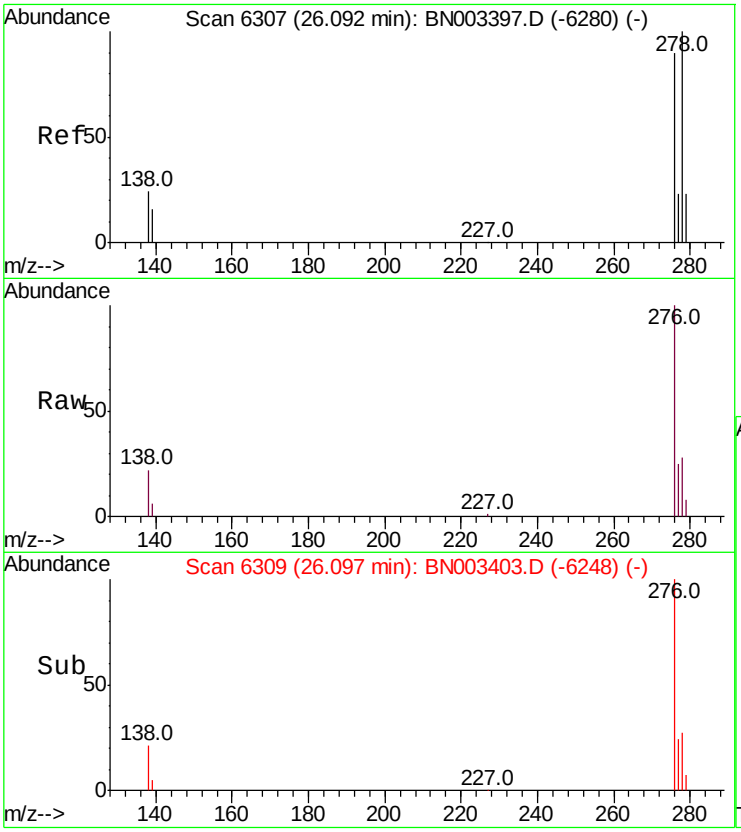


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.608 ng/ul
RT: 26.09 min Scan# 6306
Delta R.T. 0.01 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:276 Resp: 229437

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.8	29.8
227	0.2	0.2	0.2

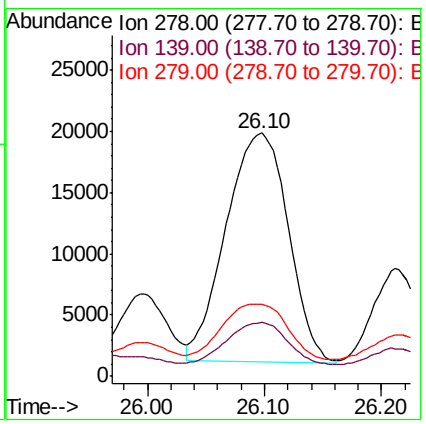




#25
Dibenzo(a,h)anthracene
Concen: 0.595 ng/ul
RT: 26.10 min Scan# 6309
Delta R.T. 0.01 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

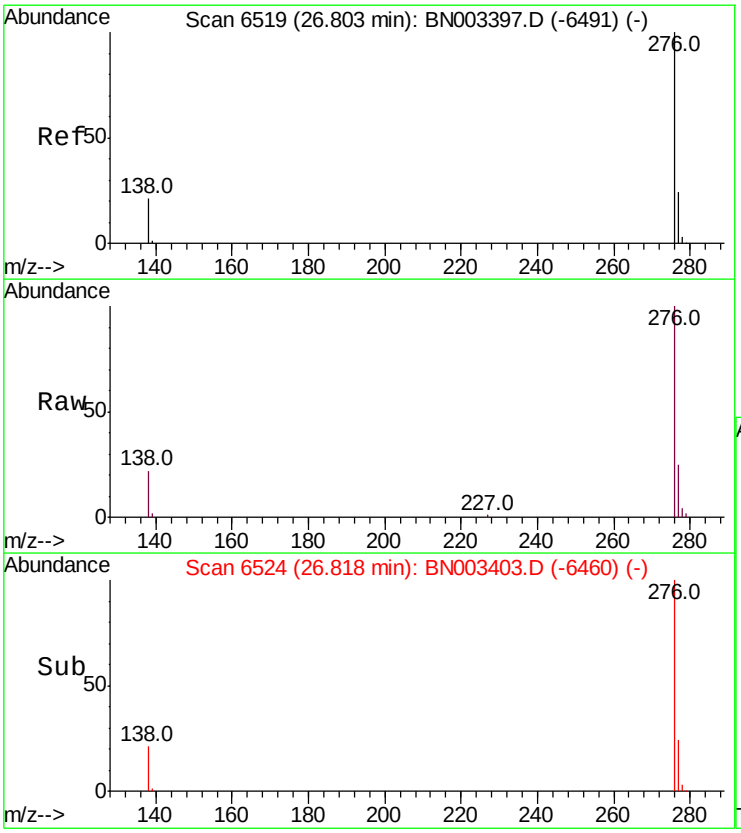
Tgt Ion:278 Resp: 69188

Ion	Ratio	Lower	Upper
278	100		
139	22.2	13.1	19.7#
279	29.7	19.5	29.3#



Instrument :
BNA_N
ClientSampleId :
A40K3MSD

Manual Integrations APPROVED
Sohil
11/5/2018 4:09:09 PM



#26
Benzo(g,h,i)perylene
Concen: 1.401 ng/ul
RT: 26.82 min Scan# 6524
Delta R.T. 0.02 min
Lab File: BN003403.D
Acq: 02 Nov 2018 15:09

Tgt Ion:276 Resp: 171432

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.6
277	25.1	19.2	28.8