Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011755.D
Acq On : 09 Sep 2020 02:45
Operator : CG/JU
Sample : L3843-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC1

Manual Integrations APPROVED
Sohil
9/9/2020 3:46:36 PM

Quant Time: Sep 09 07:39:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 09 07:05:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2245	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	8859	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	5213	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	10904m	0.40	ng/ul	0.00
16) Chrysene-d12	21.31	240	9181	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	9435	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	4527	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	9104	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	1952	0.074	ng/ul#	93
7) Acenaphthylene	14.09	152	1681	0.067	ng/ul#	89
12) Phenanthrene	17.16	178	1296	0.035	ng/ul#	89
13) Anthracene	17.25	178	1784	0.055	ng/ul#	90
15) Fluoranthene	19.18	202	3962	0.097	ng/ul	94
17) Pyrene	19.54	202	13514	0.331	ng/ul#	94
18) Benzo(a)anthracene	21.29	228	3397m	0.095	ng/ul	
19) Chrysene	21.34	228	6882	0.173	ng/ul	97
21) Benzo(b)fluoranthene	22.88	252	12290m	0.278	ng/ul	
22) Benzo(k)fluoranthene	22.92	252	4730m	0.104	ng/ul	
23) Benzo(a)pyrene	23.46	252	7744	0.203	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.81	276	4881	0.097	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.82	278	1439	0.035	ng/ul#	49
26) Benzo(g,h,i)perylene	26.50	276	4758	0.109	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011755.D
Acq On : 09 Sep 2020 02:45
Operator : CG/JU
Sample : L3843-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Sep 09 07:39:17 2020
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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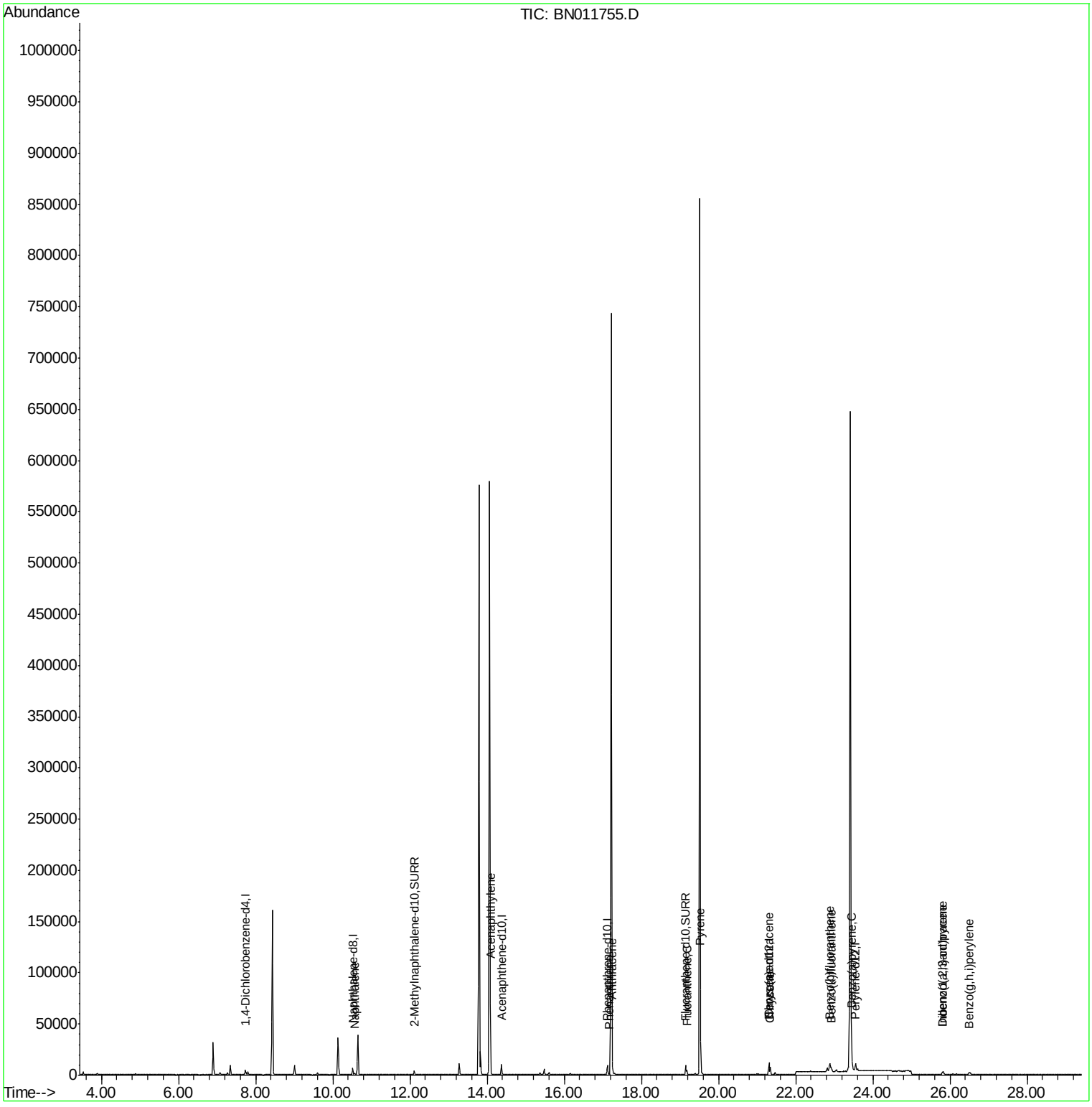

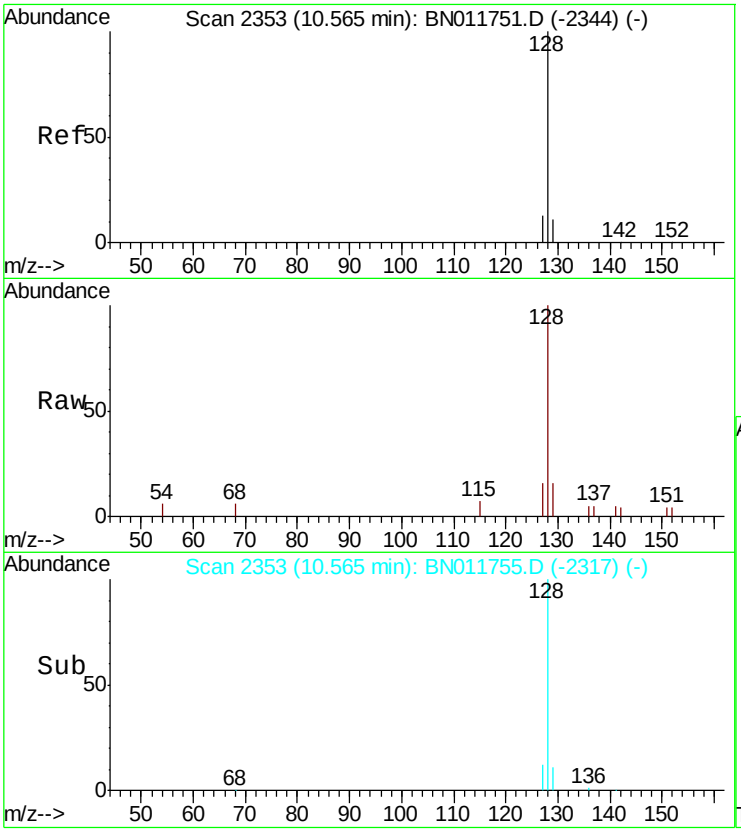

#3
Naphthalene
Concen: 0.074 ng/ul
RT: 10.57 min Scan# 2353
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:128 Resp: 1952

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.8	14.6#
127	15.7	11.0	16.6

Instrument :
BNA_N
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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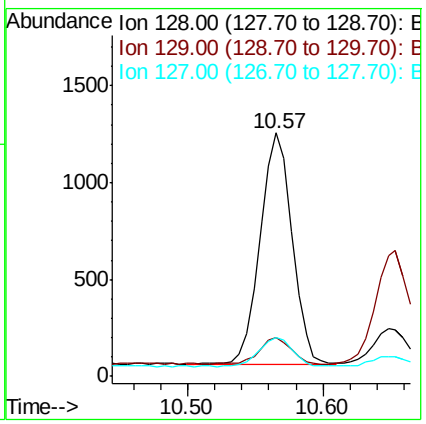
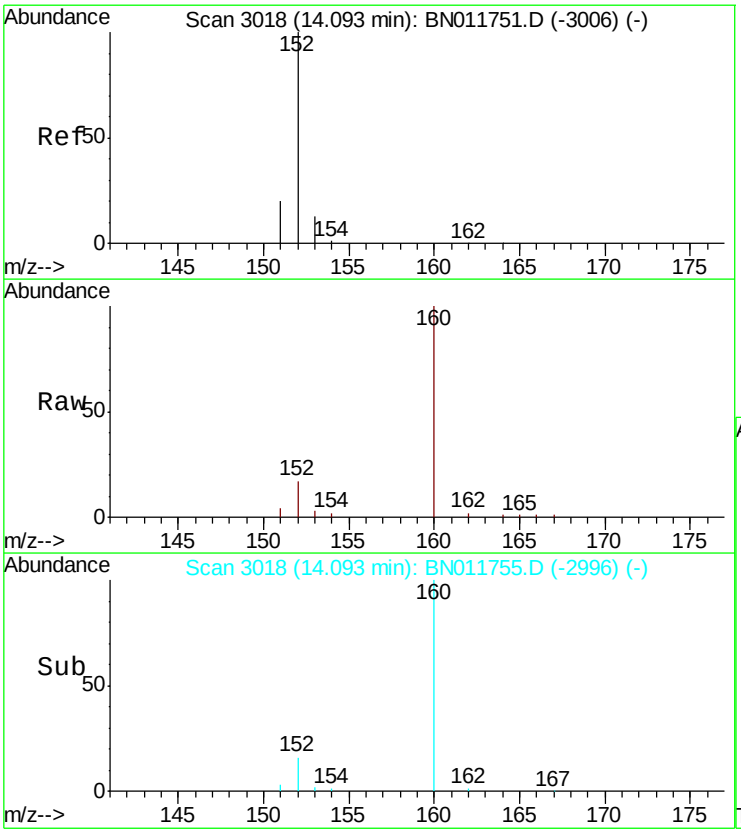
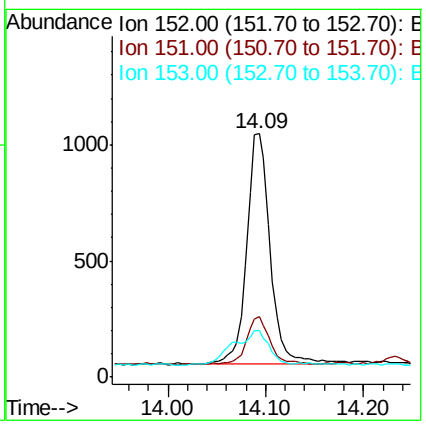


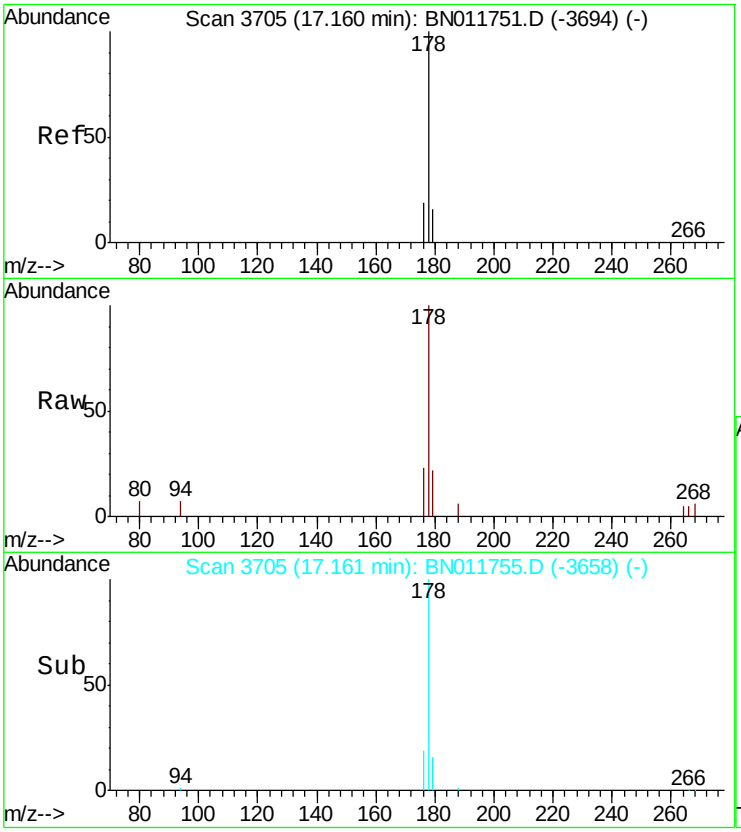


#7
Acenaphthylene
Concen: 0.067 ng/ul
RT: 14.09 min Scan# 3018
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:152 Resp: 1681

Ion	Ratio	Lower	Upper
152	100		
151	24.8	16.2	24.4#
153	19.0	11.4	17.0#





#12
Phenanthrene
Concen: 0.035 ng/ul
RT: 17.16 min Scan# 3705
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:178 Resp: 1296

Ion	Ratio	Lower	Upper
178	100		
179	22.1	12.6	19.0#
176	23.4	16.0	24.0

Instrument :
BNA_N
ClientSampleId :
C0AC1

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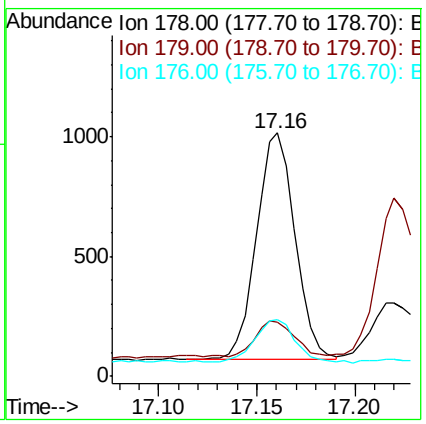
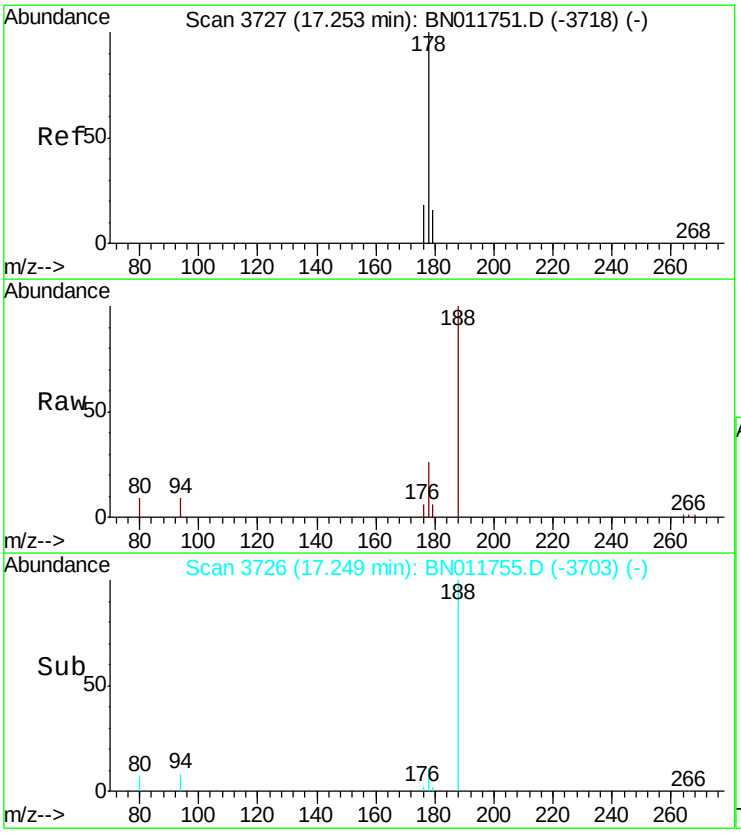
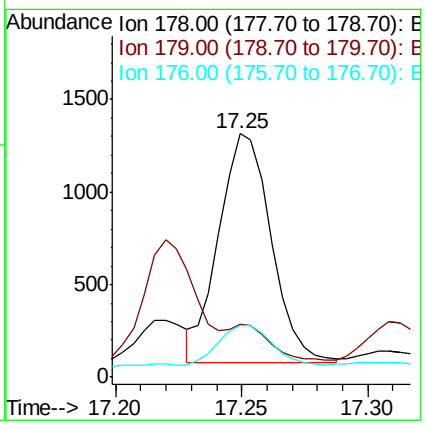


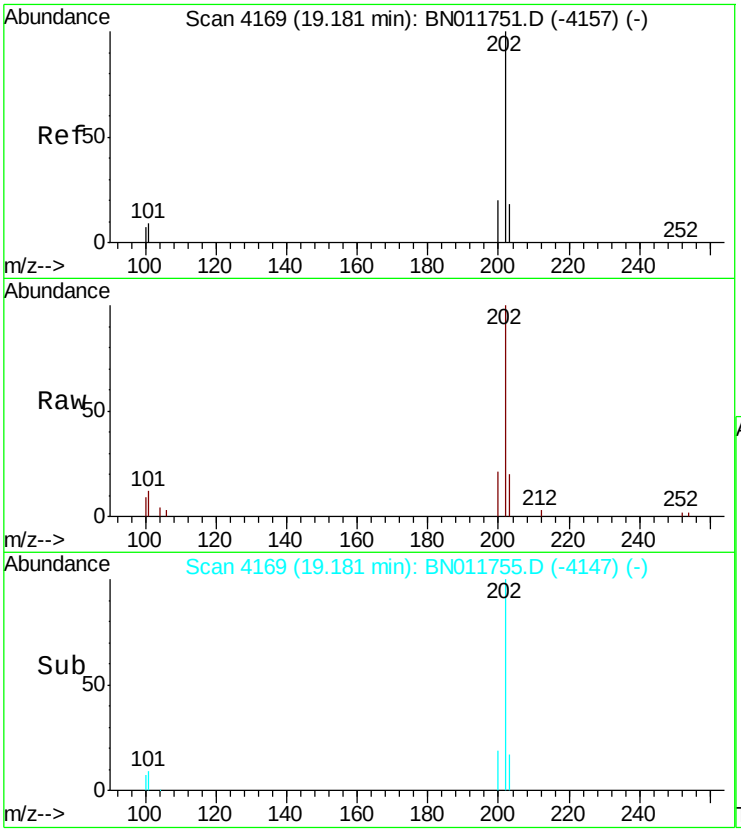


#13
Anthracene
Concen: 0.055 ng/ul
RT: 17.25 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:178 Resp: 1784

Ion	Ratio	Lower	Upper
178	100		
179	21.8	12.7	19.1#
176	21.4	14.8	22.2

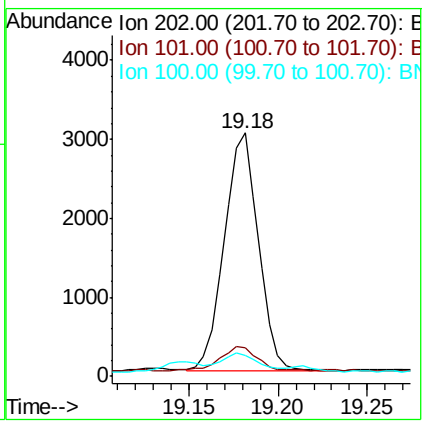




#15
Fluoranthene
Concen: 0.097 ng/ul
RT: 19.18 min Scan# 4169
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:202 Resp: 3962

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	29.1
100	8.8	0.0	27.4



Instrument :
BNA_N
ClientSampleId :
C0AC1

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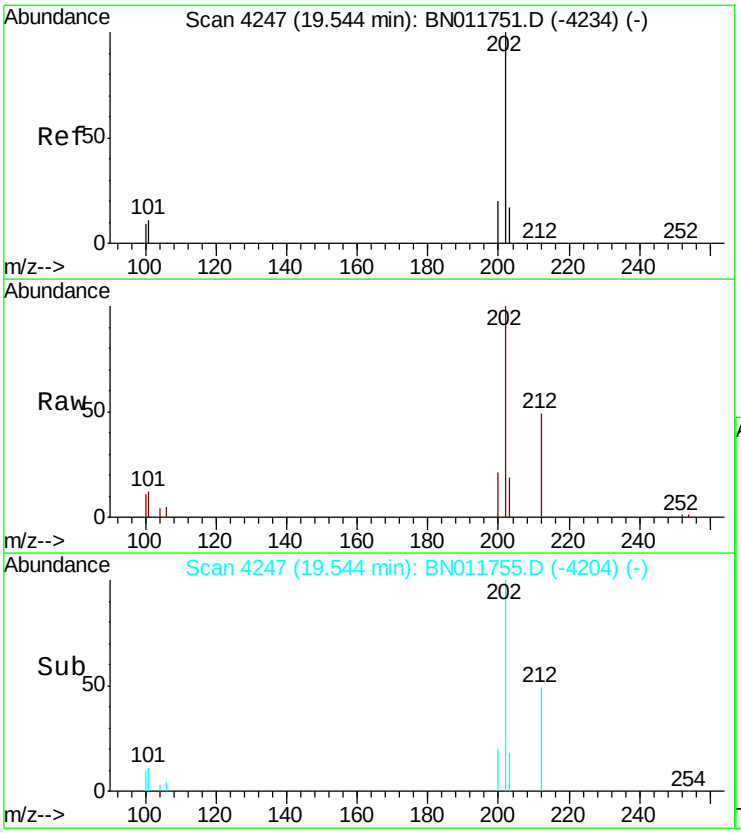
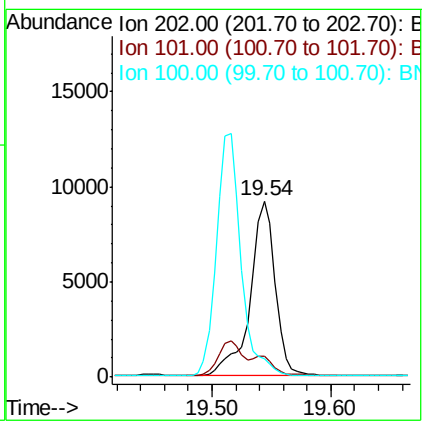
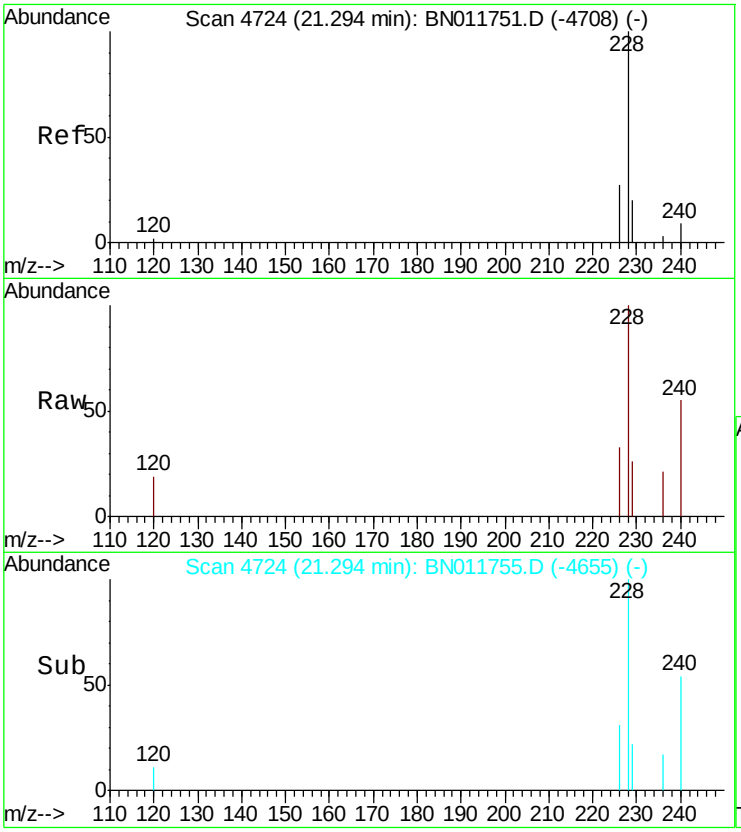


#17
Pyrene
Concen: 0.331 ng/ul
RT: 19.54 min Scan# 4247
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:202 Resp: 13514

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.0	12.0
100	10.6	6.5	9.7#

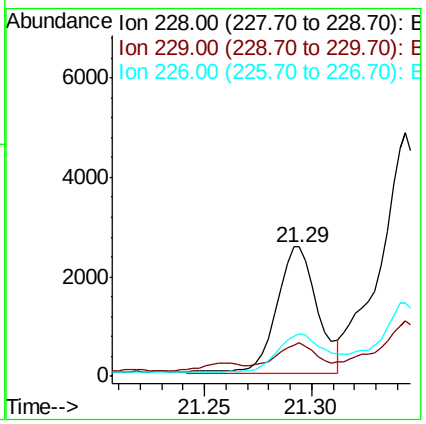




#18
Benzo(a)anthracene
Concen: 0.095 ng/ul m
RT: 21.29 min Scan# 4724
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:228 Resp: 3397

Ion	Ratio	Lower	Upper
228	100		
229	25.9	15.9	23.9#
226	33.4	21.9	32.9#



Instrument :
BNA_N
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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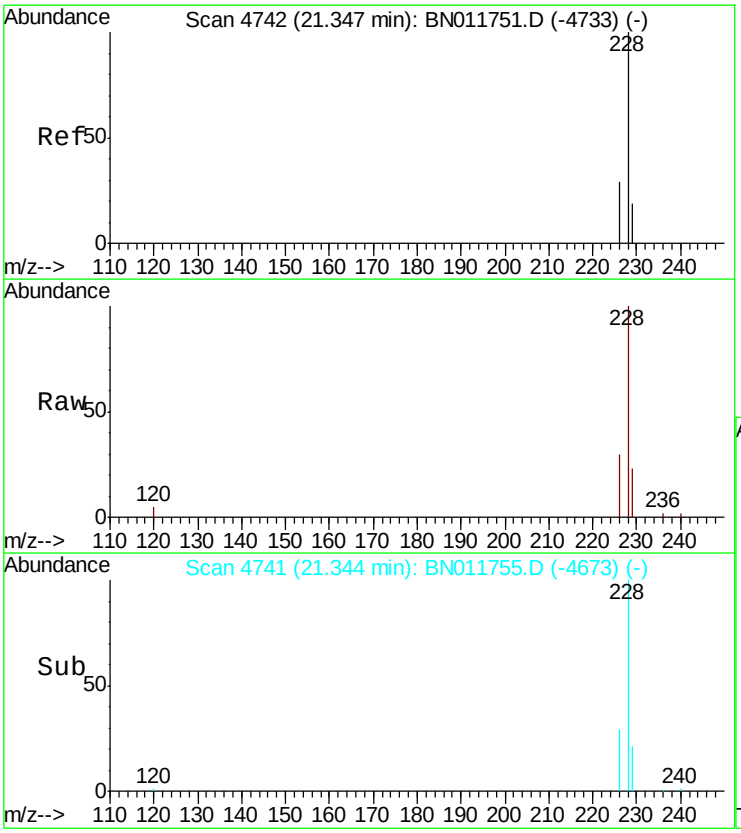
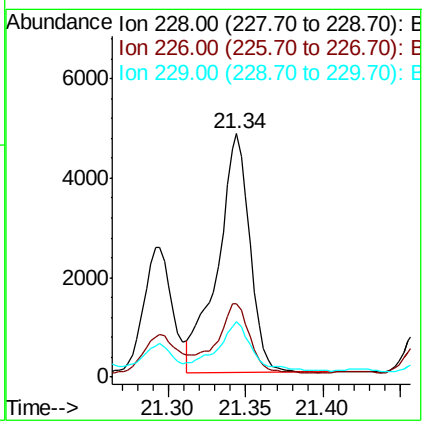
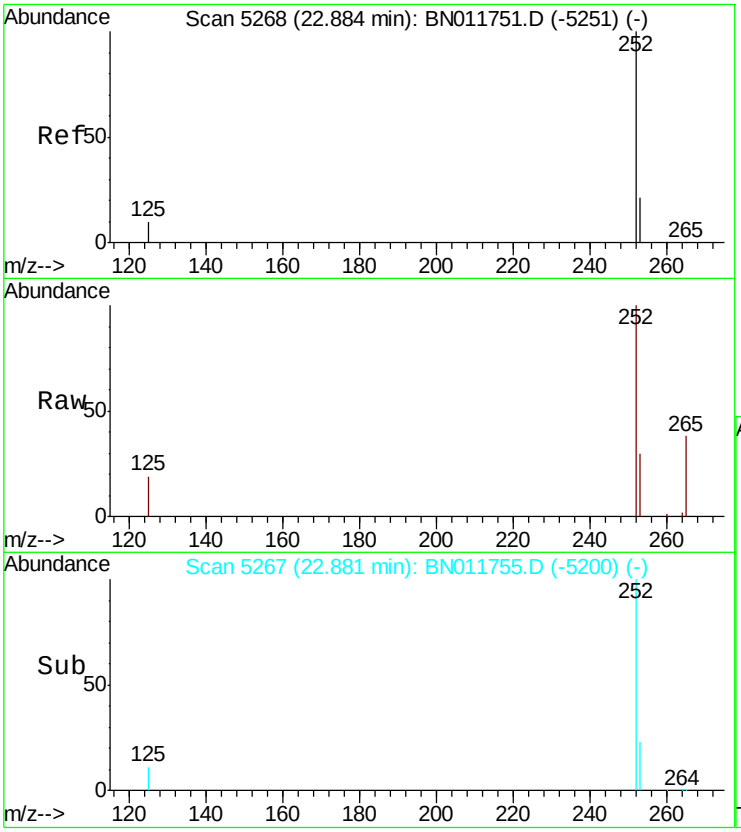


#19
Chrysene
Concen: 0.173 ng/ul
RT: 21.34 min Scan# 4741
Delta R.T. -0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:228 Resp: 6882

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.6	37.0
229	22.6	15.9	23.9

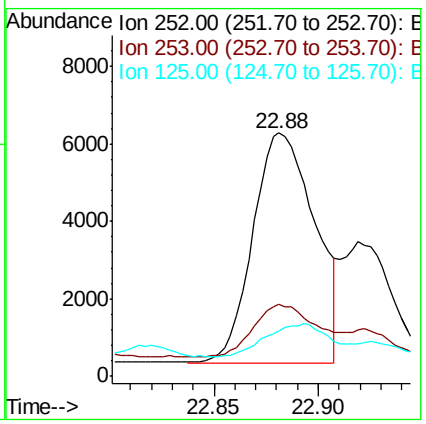




#21
Benzo(b)fluoranthene
Concen: 0.278 ng/ul m
RT: 22.88 min Scan# 5267
Delta R.T. -0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:252 Resp: 12290

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	50.6
125	18.7	0.0	23.6



Instrument :
BNA_N
ClientSampleId :
C0AC1

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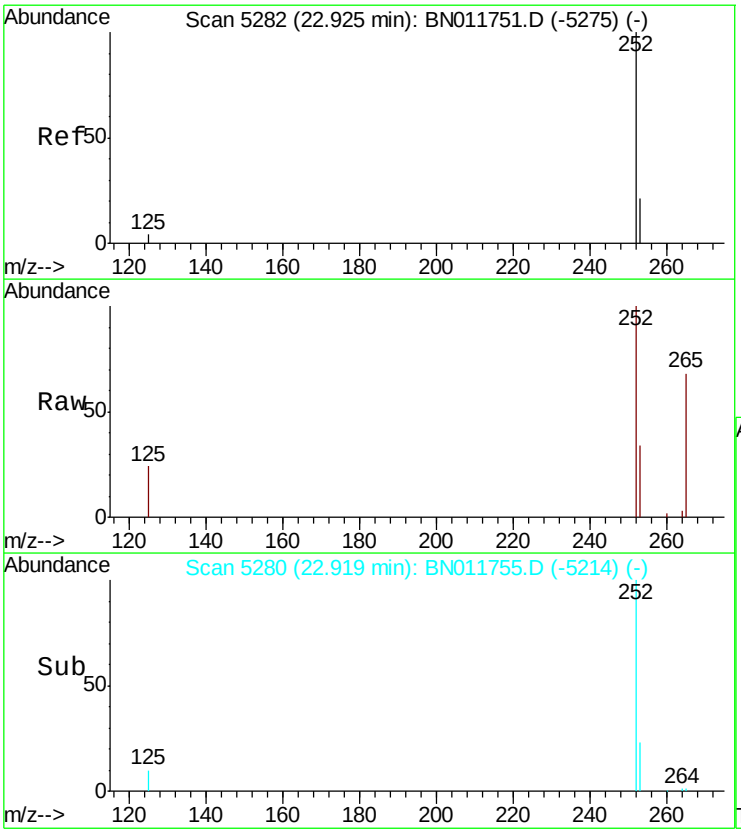
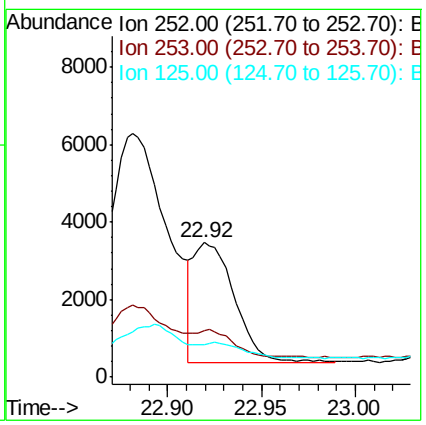
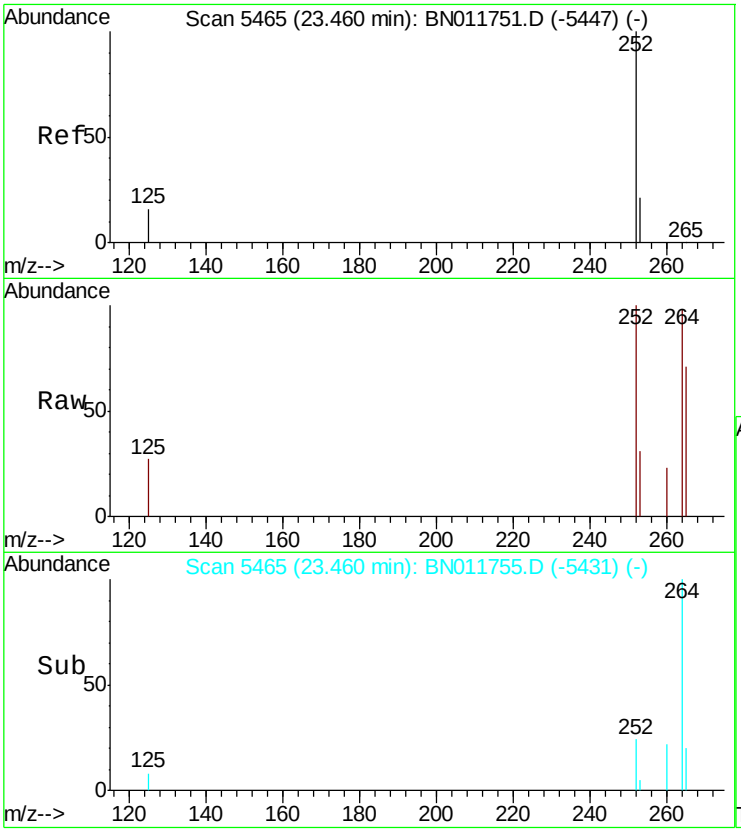


#22
Benzo(k)fluoranthene
Concen: 0.104 ng/ul m
RT: 22.92 min Scan# 5280
Delta R.T. -0.01 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:252 Resp: 4730

Ion	Ratio	Lower	Upper
252	100		
253	34.3	20.7	31.1#
125	23.8	9.7	14.5#





#23
Benzo(a)pyrene
Concen: 0.203 ng/ul
RT: 23.46 min Scan# 5465
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:252 Resp: 7744

Ion	Ratio	Lower	Upper
252	100		
253	31.2	21.6	32.4
125	26.7	12.6	18.8#

Instrument :
BNA_N
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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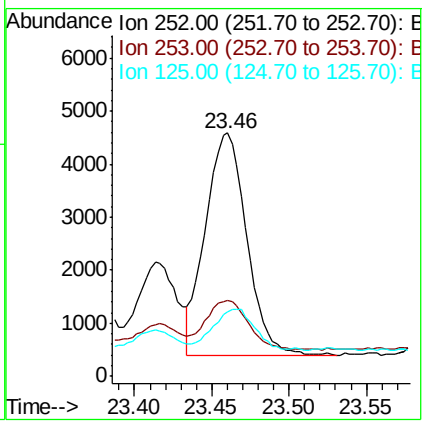
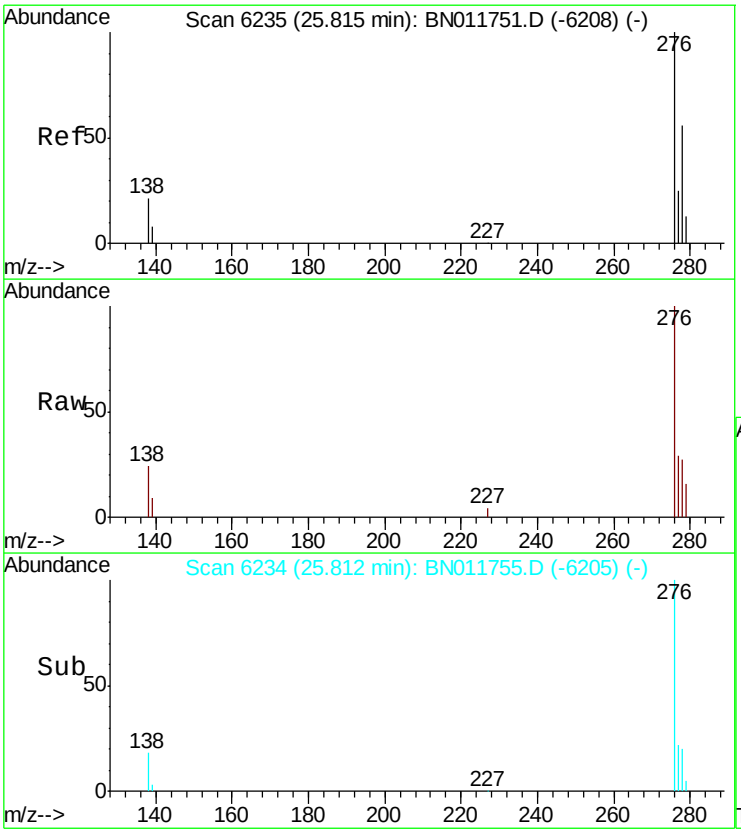
9/9/2020 3:46:36 PM

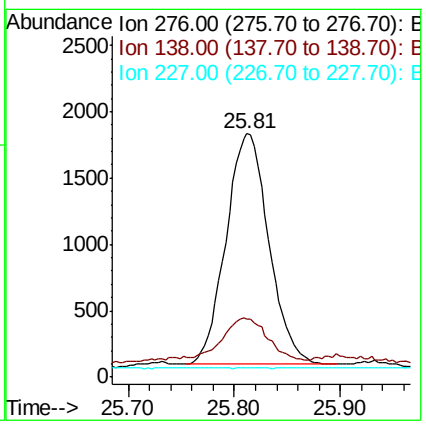


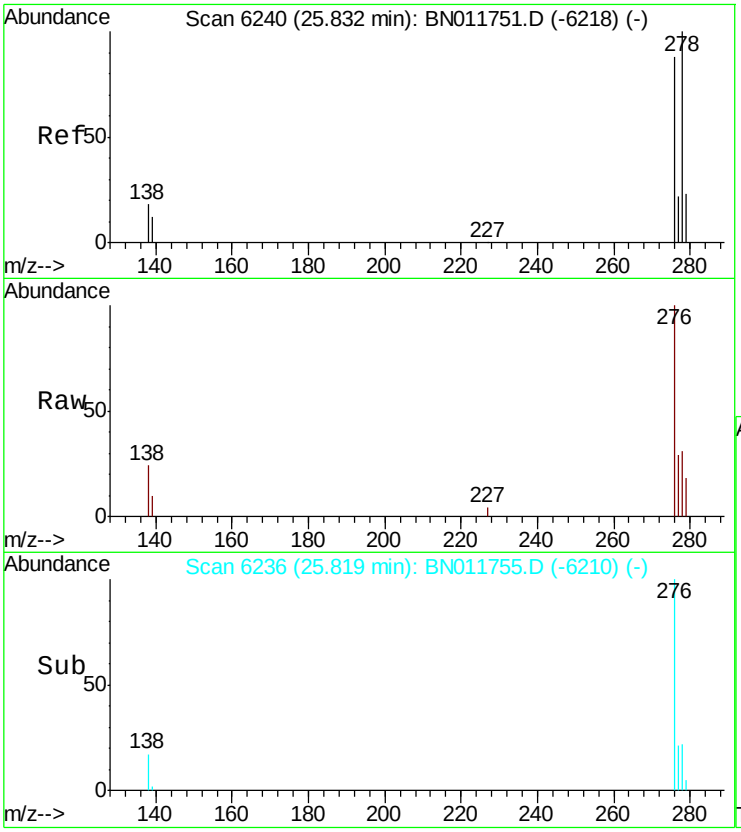


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 25.81 min Scan# 6234
Delta R.T. -0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:276 Resp: 4881

Ion	Ratio	Lower	Upper
276	100		
138	18.8	0.0	0.0#
227	0.2	0.1	0.1#





#25
Dibenzo(a,h)anthracene
Concen: 0.035 ng/ul
RT: 25.82 min Scan# 6236
Delta R.T. -0.01 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:278 Resp: 1439

Ion	Ratio	Lower	Upper
278	100		
139	32.0	12.4	18.6#
279	57.1	21.8	32.6#

Instrument :
BNA_N
ClientSampleId :
C0AC1

Manual Integrations APPROVED
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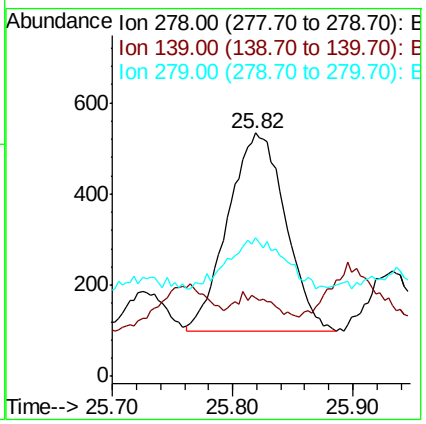

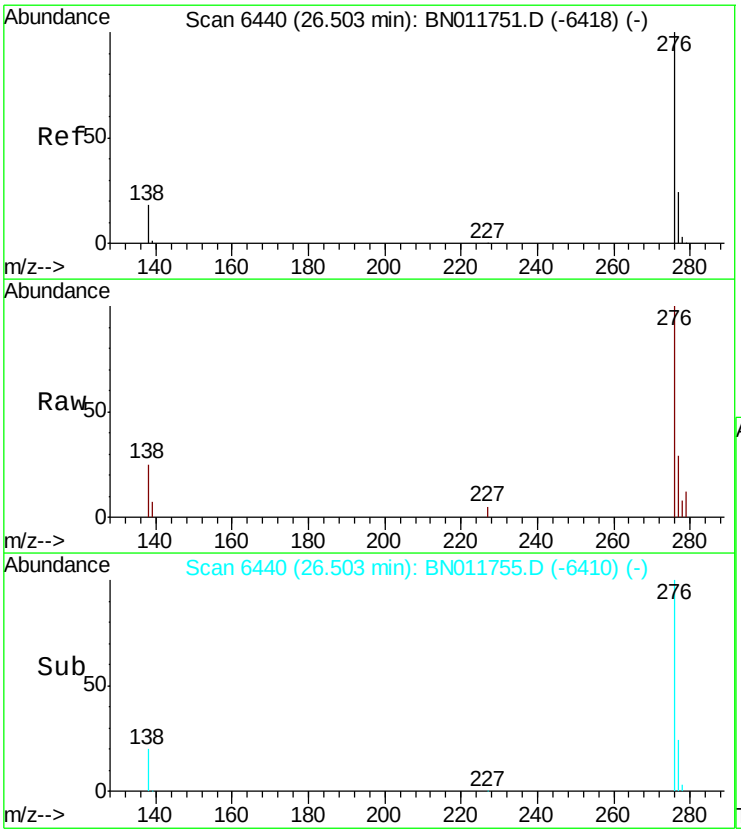

#26
Benzo(g,h,i)perylene
Concen: 0.109 ng/ul
RT: 26.50 min Scan# 6440
Delta R.T. 0.00 min
Lab File: BN011755.D
Acq: 09 Sep 2020 02:45

Tgt Ion:276 Resp: 4758

Ion	Ratio	Lower	Upper
276	100		
138	25.3	14.7	22.1#
277	29.1	19.5	29.3