Quantitation Report (QT Reviewed)

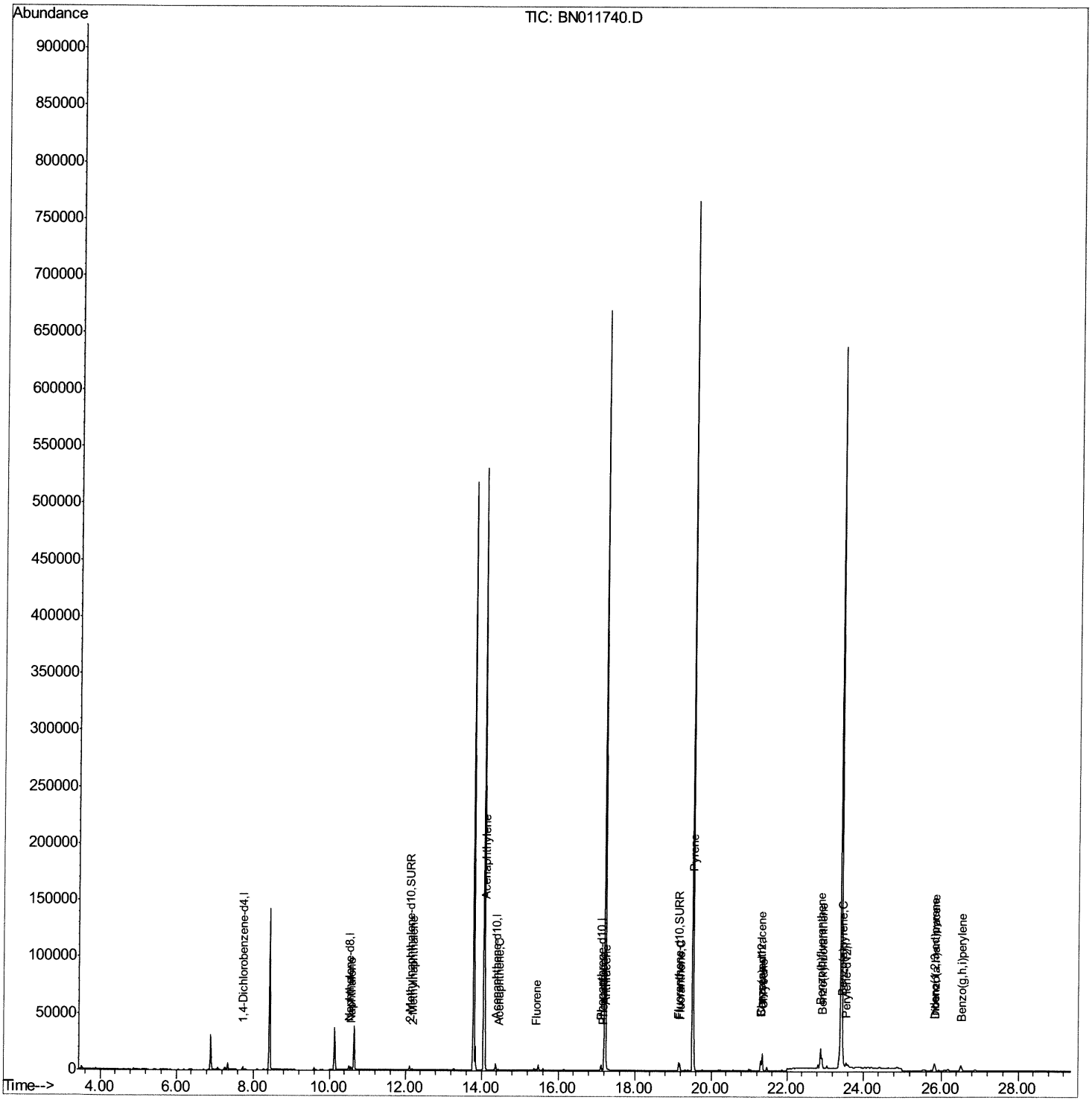
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
Data File : BN011740.D
Acq On : 08 Sep 2020 17:06
Operator : CG/JU
Sample : L3840-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 08 17:39:26 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 : Tue Sep 08 14:34:47 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
Sohil
9/9/2020 3:45:49 PM

-



Quantitation Report (Qedit)

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Manual Integrations APPROVED
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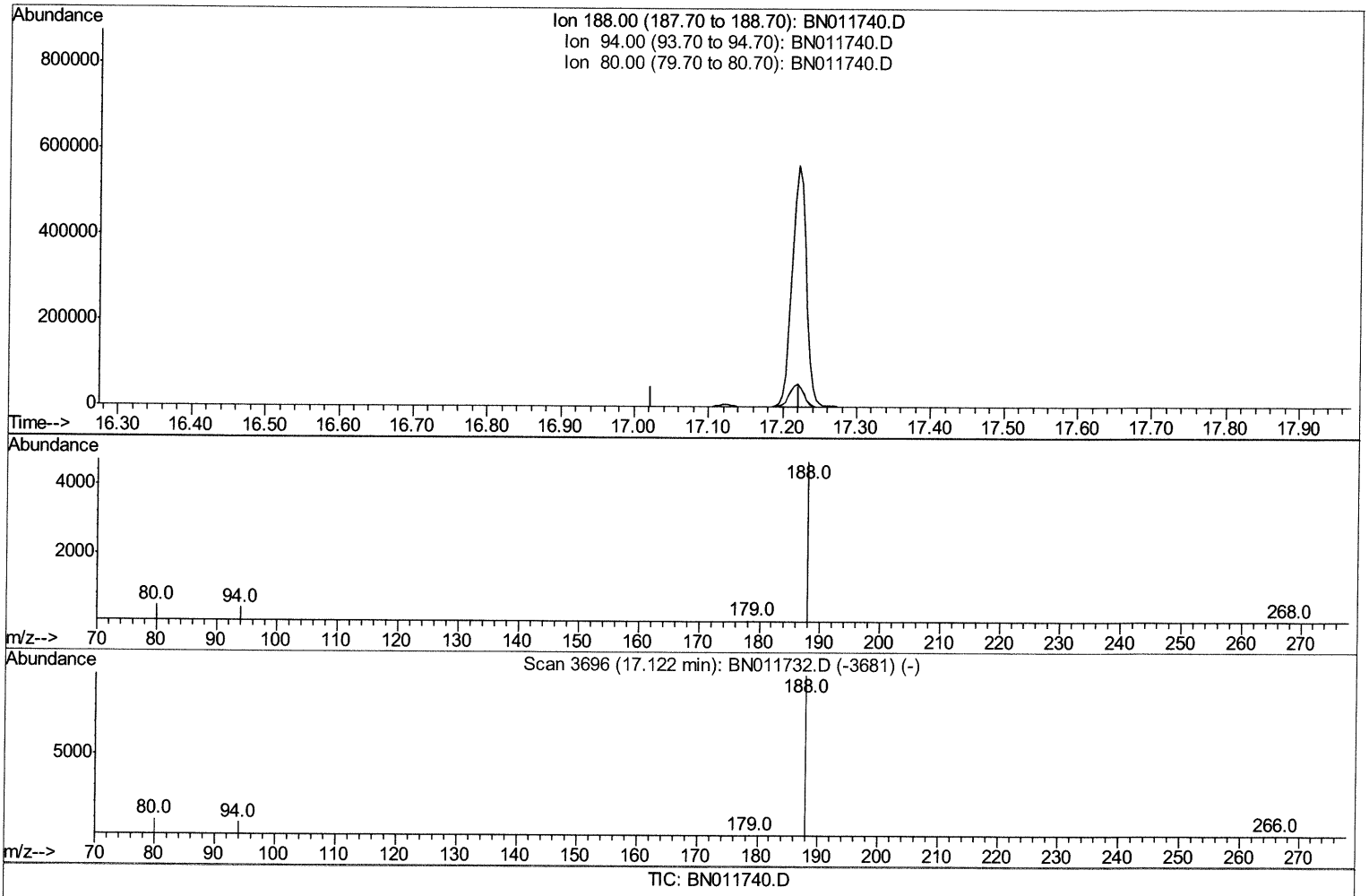

TIC: BN011740.D

(10) Phenanthrene-d10 (I)

17.122min (-17.122) 0.00ng/ul

response 0

Ion	Exp%	Act%
188.00	100	0.00
94.00	8.40	0.00#
80.00	9.90	0.00#
0.00	0.00	0.00

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Manual Integrations APPROVED
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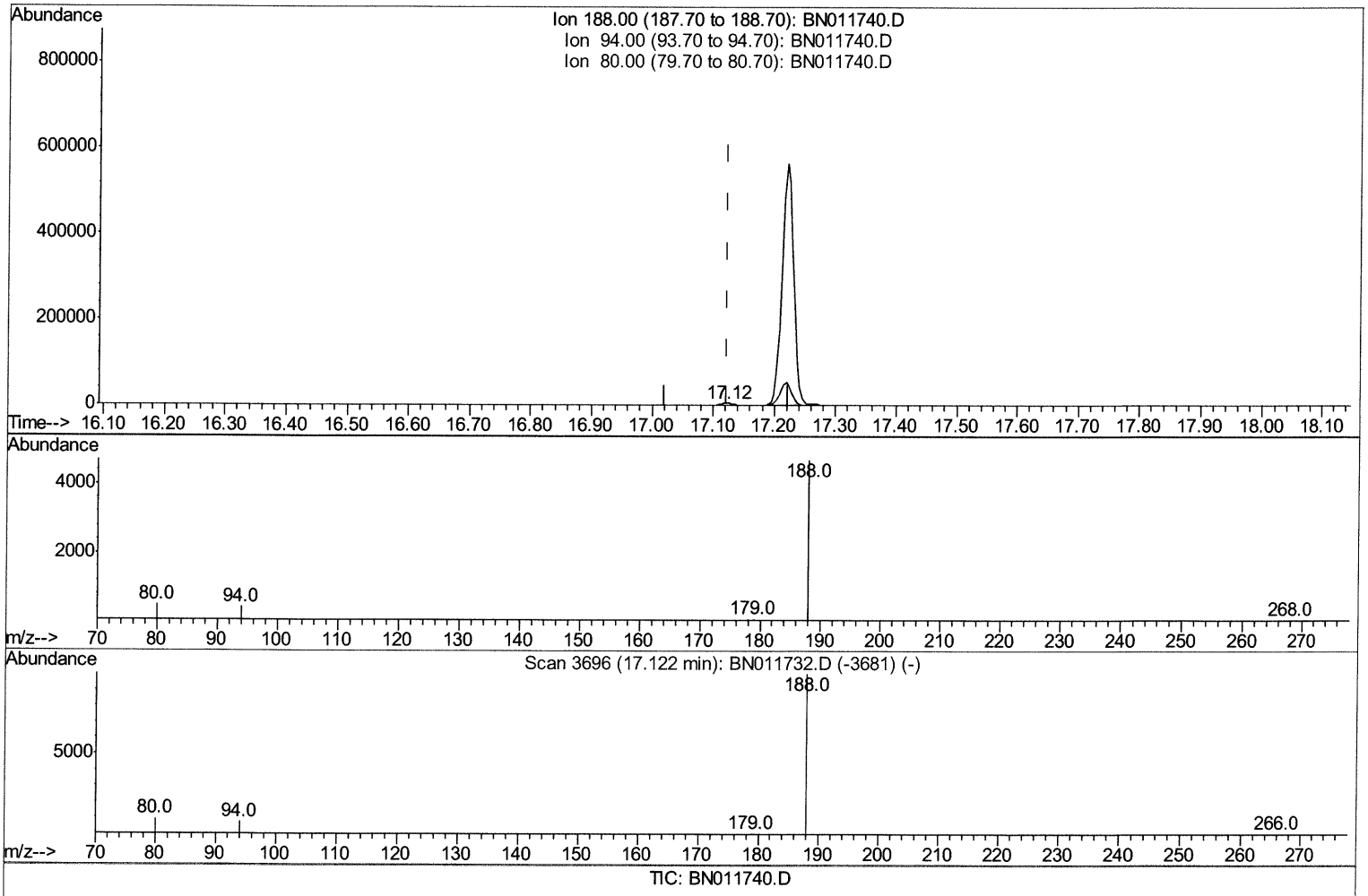

TIC: BN011740.D

(10) Phenanthrene-d10 (I)

17.123min (+0.000) 0.40ng/ul m 09/09/20 JU

response 6525

Ion	Exp%	Act%
188.00	100	100
94.00	8.40	9.05
80.00	9.90	10.33
0.00	0.00	0.00

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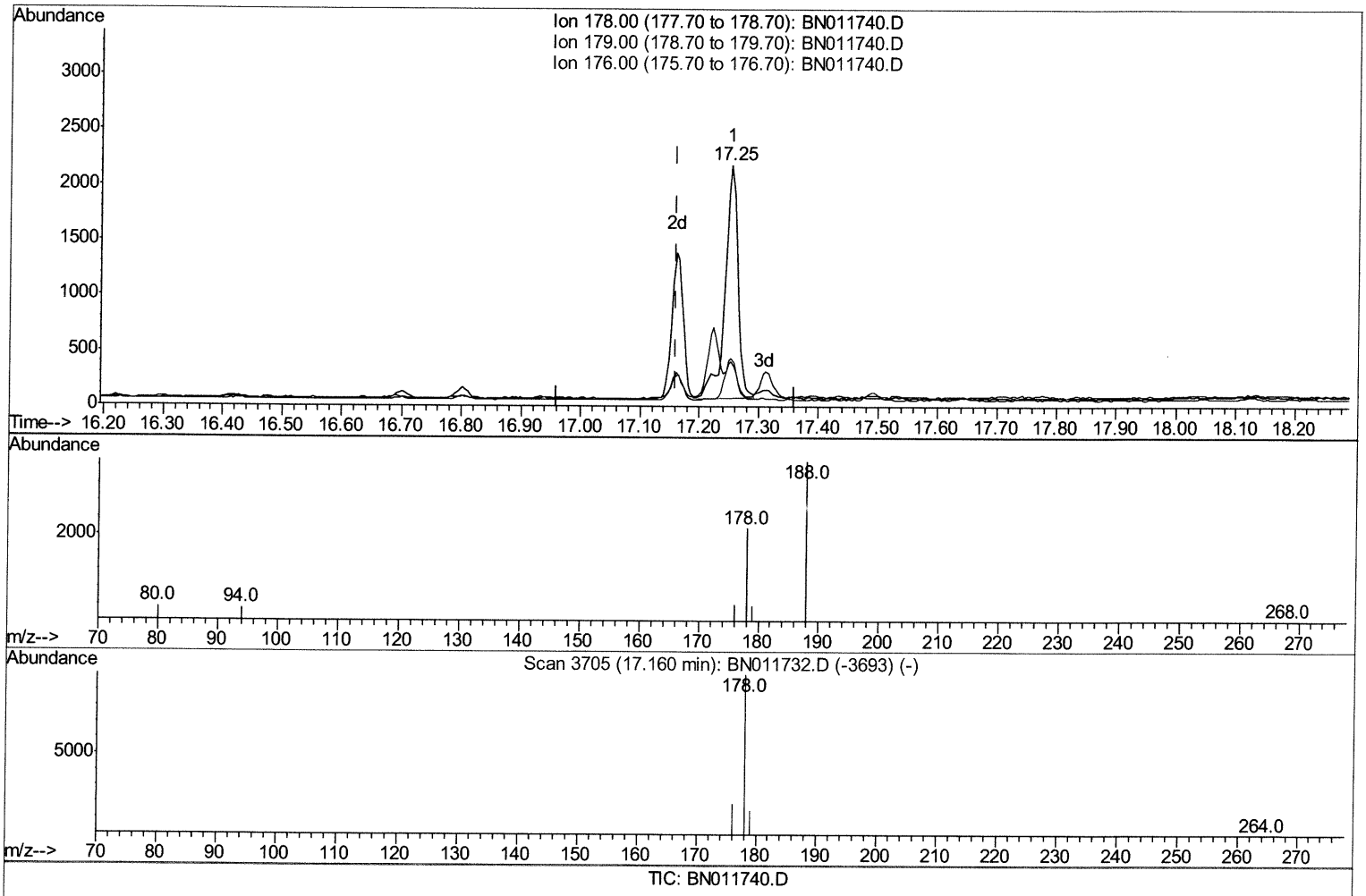
Manual Integrations APPROVED
Sohil
9/9/2020 3:45:49 PM



(12) Phenanthrene

17.254min (+0.093) 0.15ng/ul

response 3228

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.68
176.00	20.00	19.96
0.00	0.00	0.00

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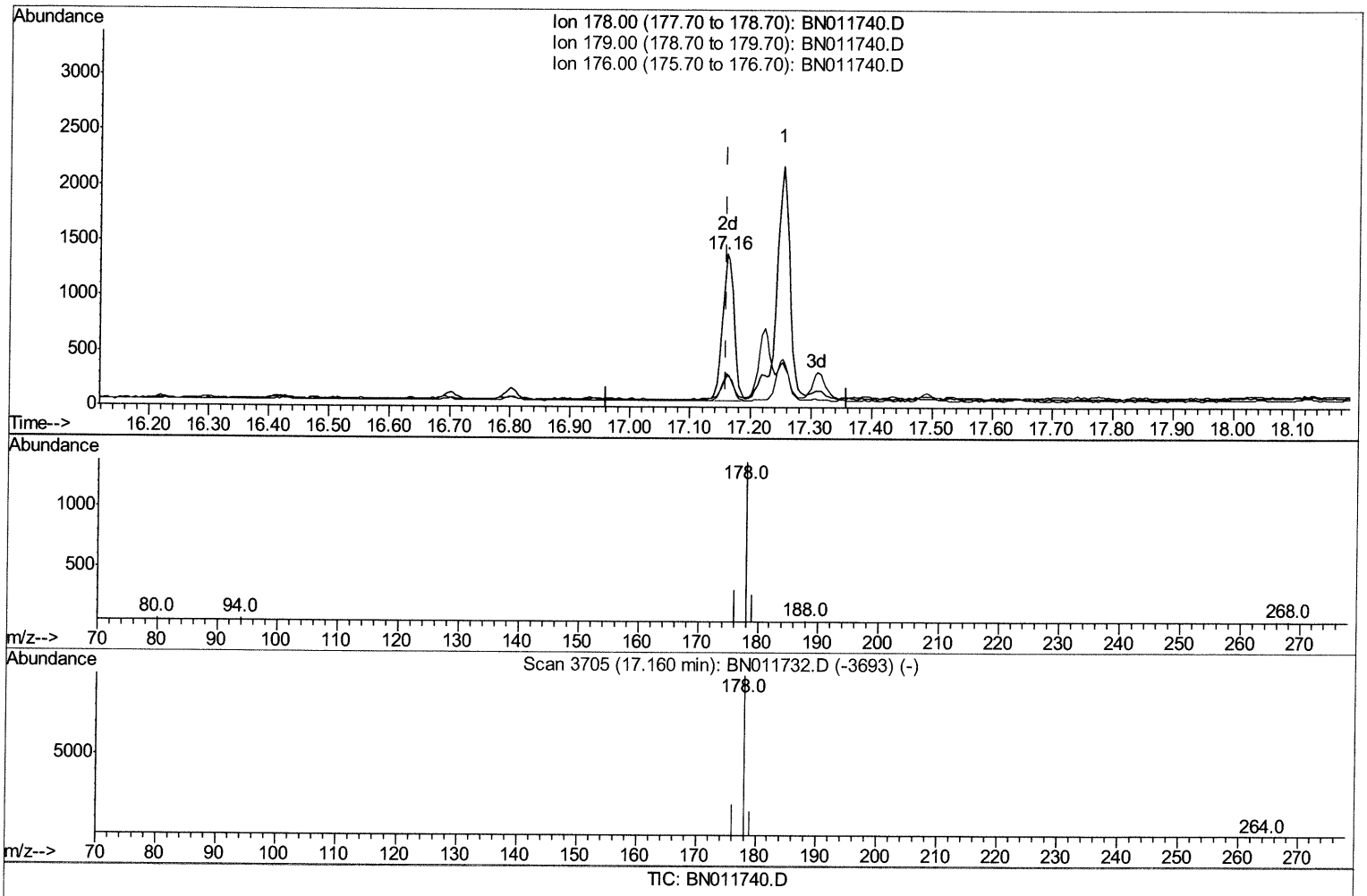
Manual Integrations APPROVED
Sohil
9/9/2020 3:45:49 PM



TIC: BN011740.D

(12) Phenanthrene

17.161min (+0.000) 0.08ng/ul m 09/09/20 JU

response 1800

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	20.04#
176.00	20.00	22.49
0.00	0.00	0.00

Quantitation Report (Qedit)

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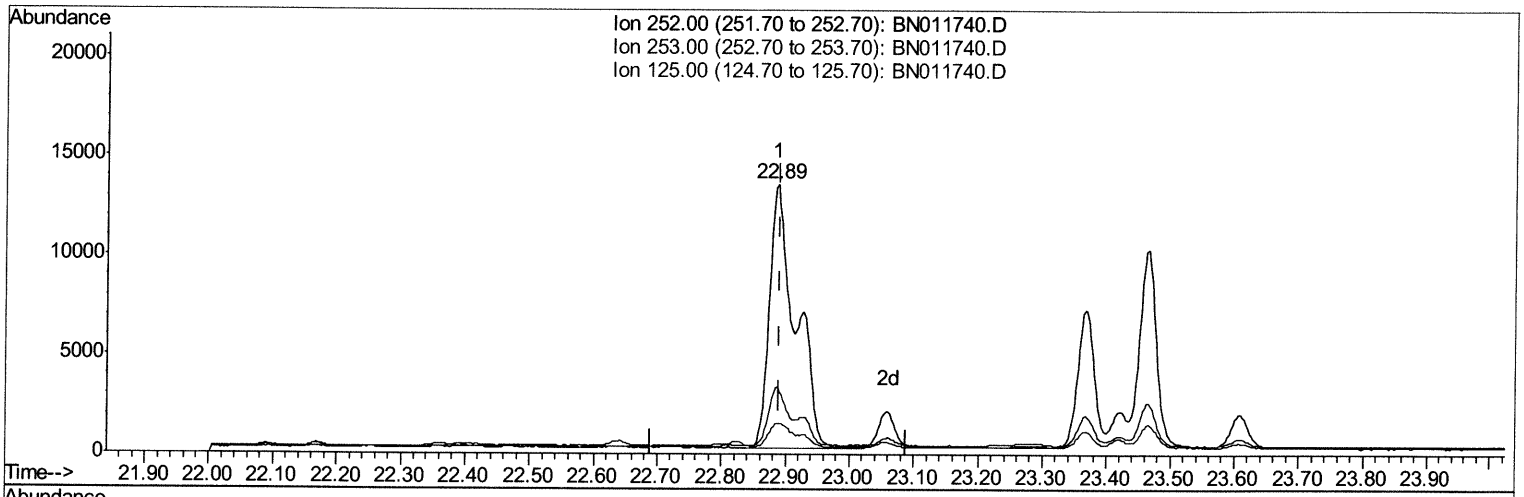
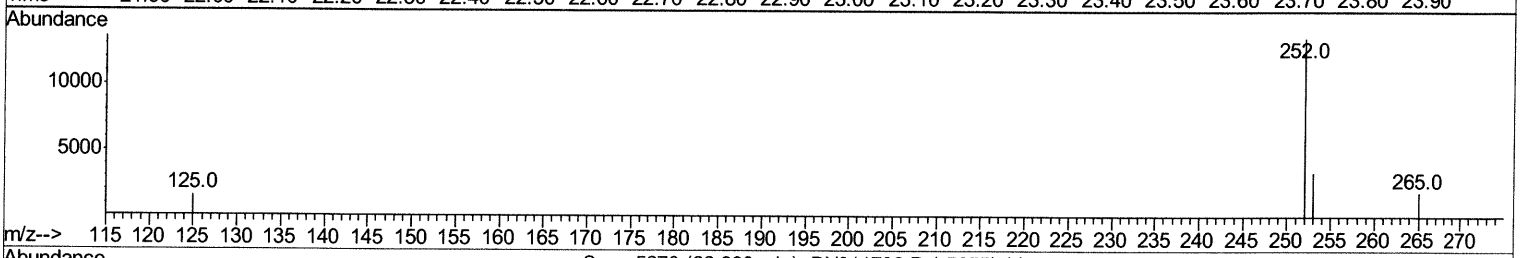
Data File : BN011740.D
Acq On : 08 Sep 2020 17:06
Operator : CG/JU
Sample : L3840-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

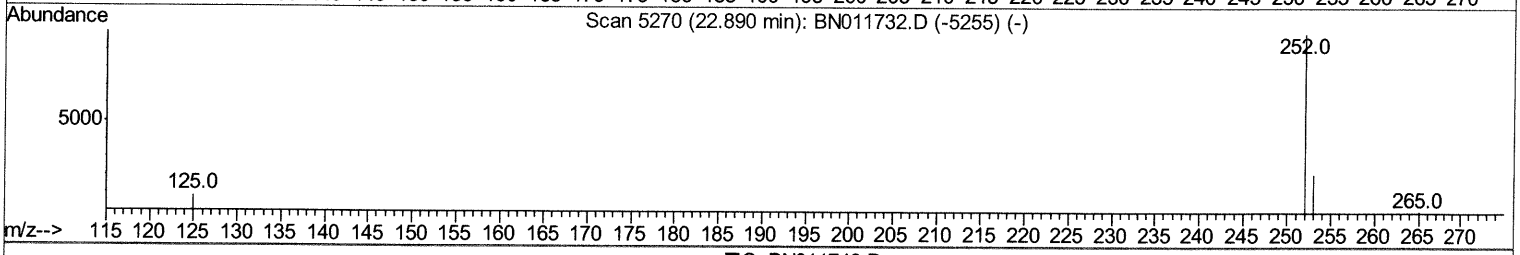
Quant Time: Sep 08 17:37:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 08 14:34:47 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
Sohil
9/9/2020 3:45:49 PM







TIC: BN011740.D

(21) Benzo(b)fluoranthene

22.887min (-0.003) 1.30ng/ul

response 38271

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	24.83
125.00	11.80	11.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 08 Sep 2020 17:06
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Sample : L3840-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 08 17:37:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
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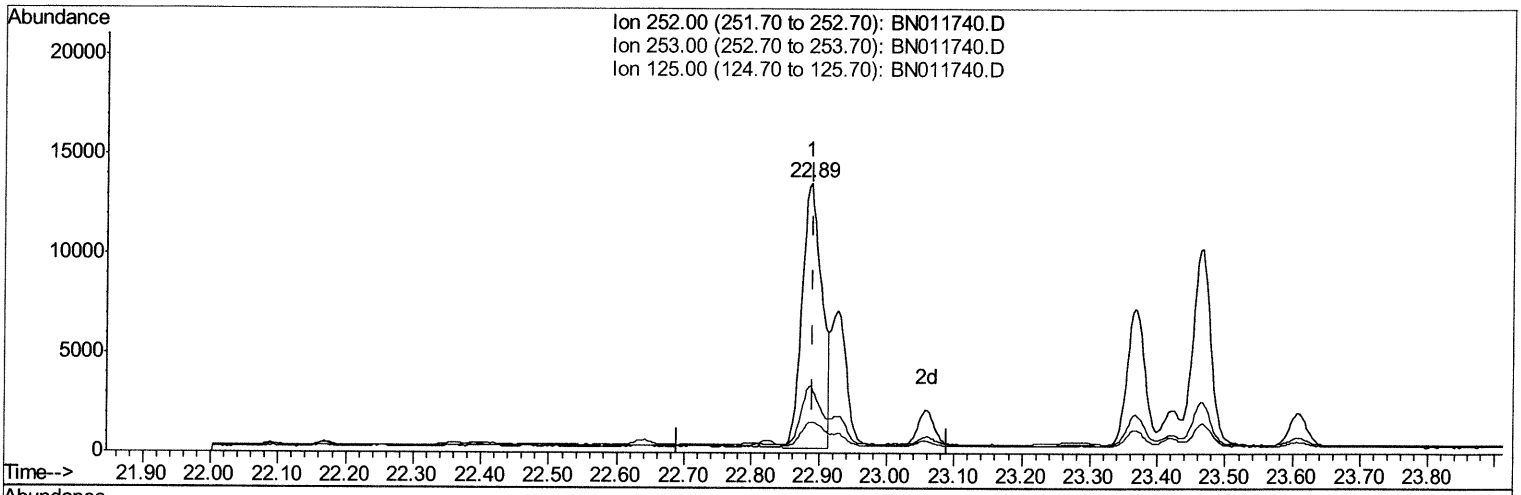
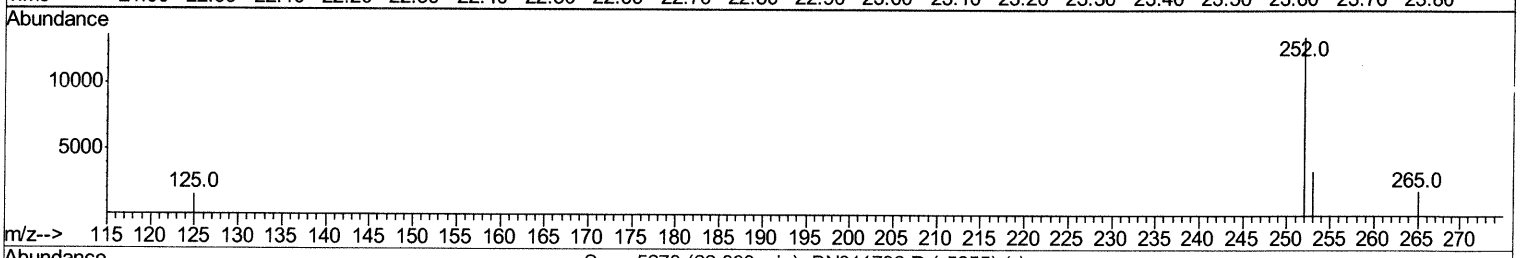
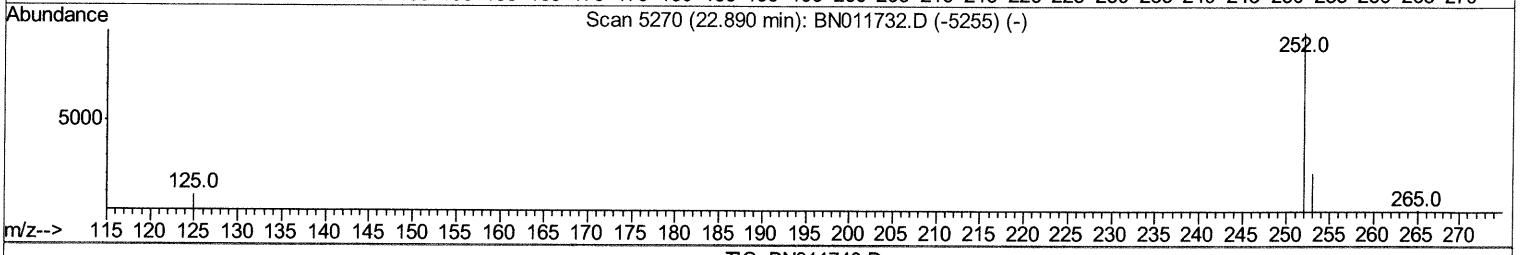
Instrument :
BNA_N
ClientSampleId :
C0AB5

Manual Integrations APPROVED
Sohil
9/9/2020 3:45:49 PM







TIC: BN011740.D

(21) Benzo(b)fluoranthene

22.887min (-0.003) 0.93ng/ul m 09/09/2020

response 27194

Ion	Exp%	Act%
252.00	100	100
253.00	25.30	24.83
125.00	11.80	11.57
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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BNA_N
ClientSampleId :
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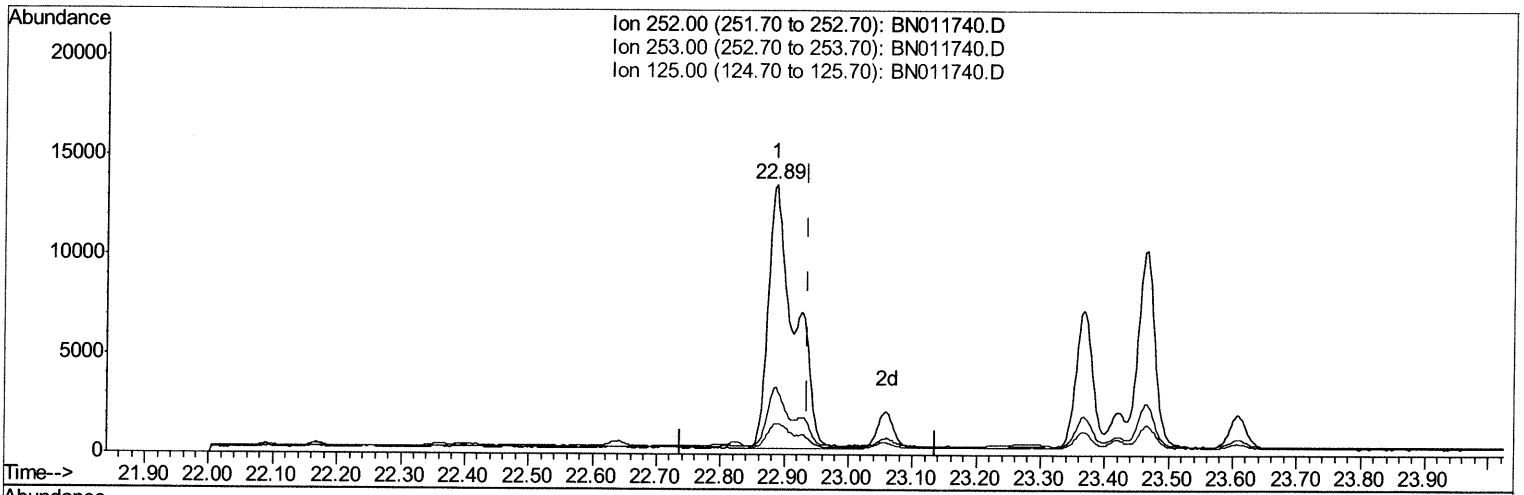
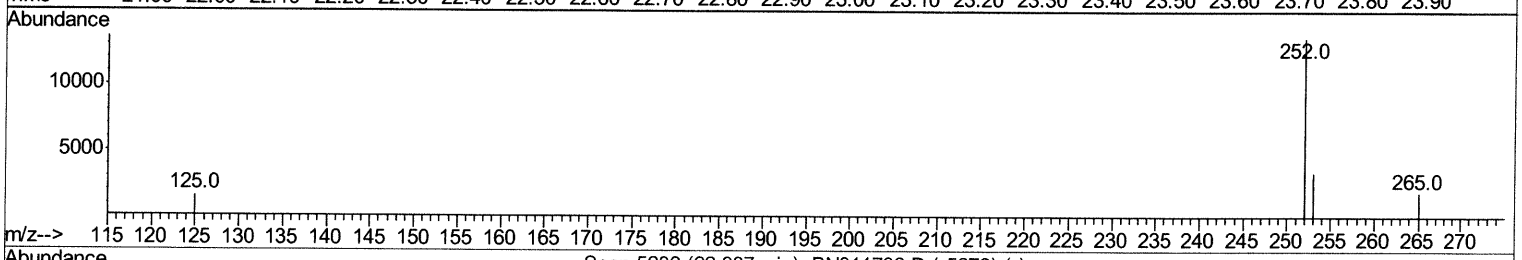
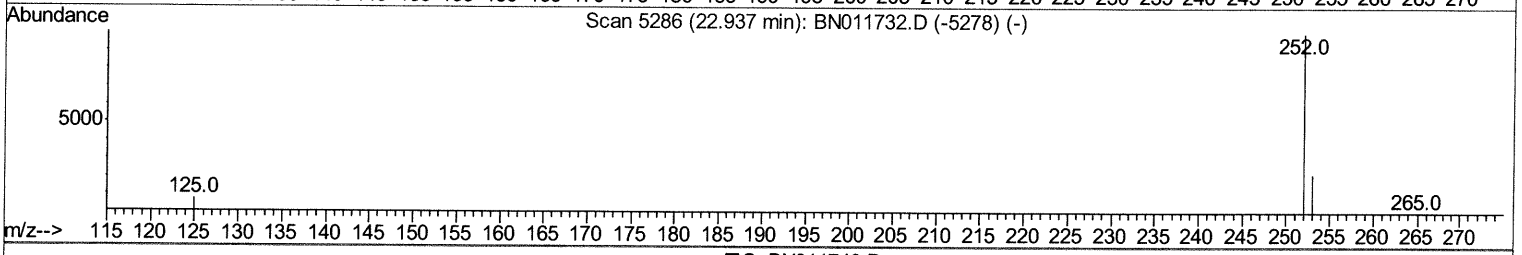
Manual Integrations APPROVED
Sohil
9/9/2020 3:45:49 PM







TIC: BN011740.D

(22) Benzo(k)fluoranthene

22.887min (-0.050) 1.27ng/ul

response 38271

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	24.83
125.00	12.10	11.57
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
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Acq On : 08 Sep 2020 17:06
Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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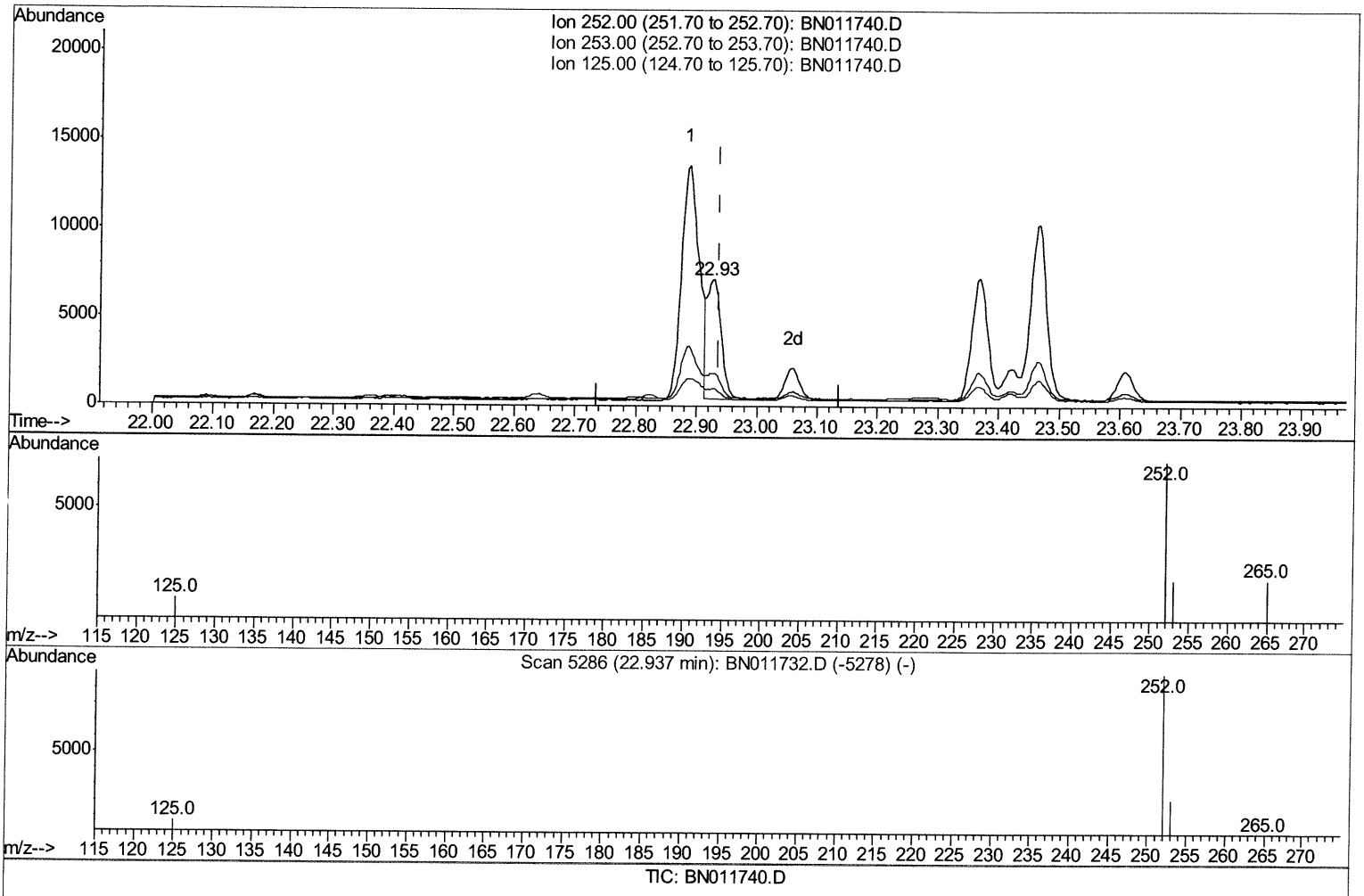
Manual Integrations APPROVED
Sohil
9/9/2020 3:45:49 PM



TIC: BN011740.D

(22) Benzo(k)fluoranthene

22.928min (-0.009) 0.36ng/ul m 09/09/20 JU

response 10793

Ion	Exp%	Act%
252.00	100	100
253.00	25.90	26.17
125.00	12.10	13.70
0.00	0.00	0.00

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Misc :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	1351	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	5051	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	3177	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.12	188	6525m>	0.40	ng/ul >	0.00 09/09/20 JU
16) Chrysene-d12	21.31	240	5843	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	6258	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	3927	0.49	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	7968	0.46	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	3351	0.224	ng/ul	98
5) 2-Methylnaphthalene	12.19	142	399	0.040	ng/ul	100
7) Acenaphthylene	14.09	152	2446	0.160	ng/ul	95
8) Acenaphthene	14.44	153	393	0.032	ng/ul	94
9) Fluorene	15.43	166	501	0.035	ng/ul#	95
12) Phenanthrene	17.16	178	1800m >	0.082	ng/ul >	09/09/20 JU
13) Anthracene	17.25	178	3198	0.164	ng/ul	95
15) Fluoranthene	19.18	202	5530	0.227	ng/ul	99
17) Pyrene	19.54	202	28219	1.088	ng/ul	97
18) Benzo(a)anthracene	21.29	228	6292	0.277	ng/ul	92
19) Chrysene	21.35	228	15248	0.601	ng/ul	98
21) Benzo(b)fluoranthene	22.89	252	27194m3	0.927	ng/ul 3	
22) Benzo(k)fluoranthene	22.93	252	10793m3	0.359	ng/ul 3	09/09/20 JU
23) Benzo(a)pyrene	23.47	252	18337	0.724	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.82	276	11290	0.339	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	3261	0.120	ng/ul#	81
26) Benzo(g,h,i)perylene	26.51	276	10901	0.375	ng/ul	96

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