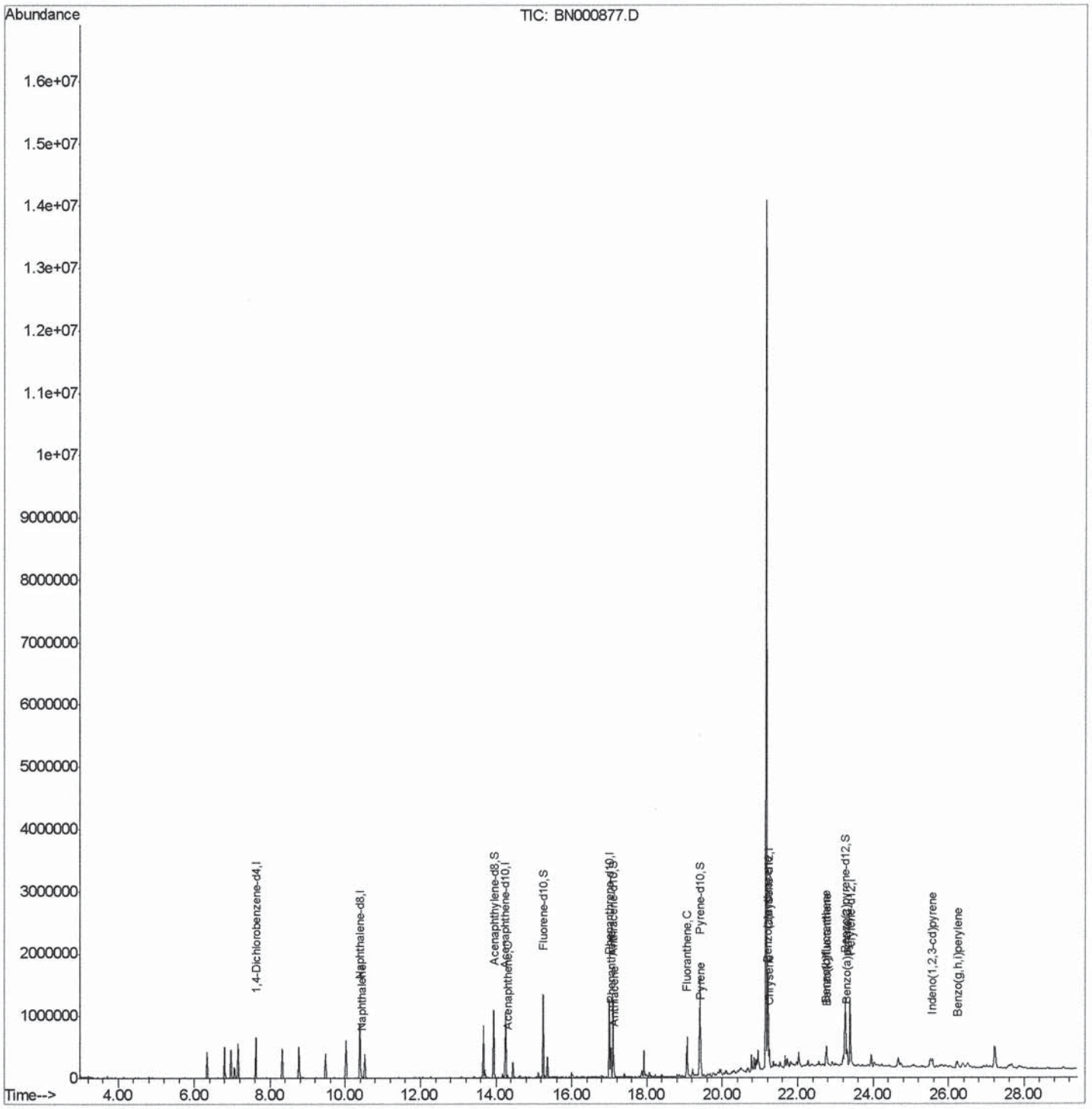
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000877.D
Acq On : 25 Apr 2018 06:40
Operator : JU/SJ
Sample : J2444-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 25 08:54:27 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DARS4

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000877.D
Acq On : 25 Apr 2018 06:40
Operator : JU/SJ
Sample : J2444-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 25 08:38:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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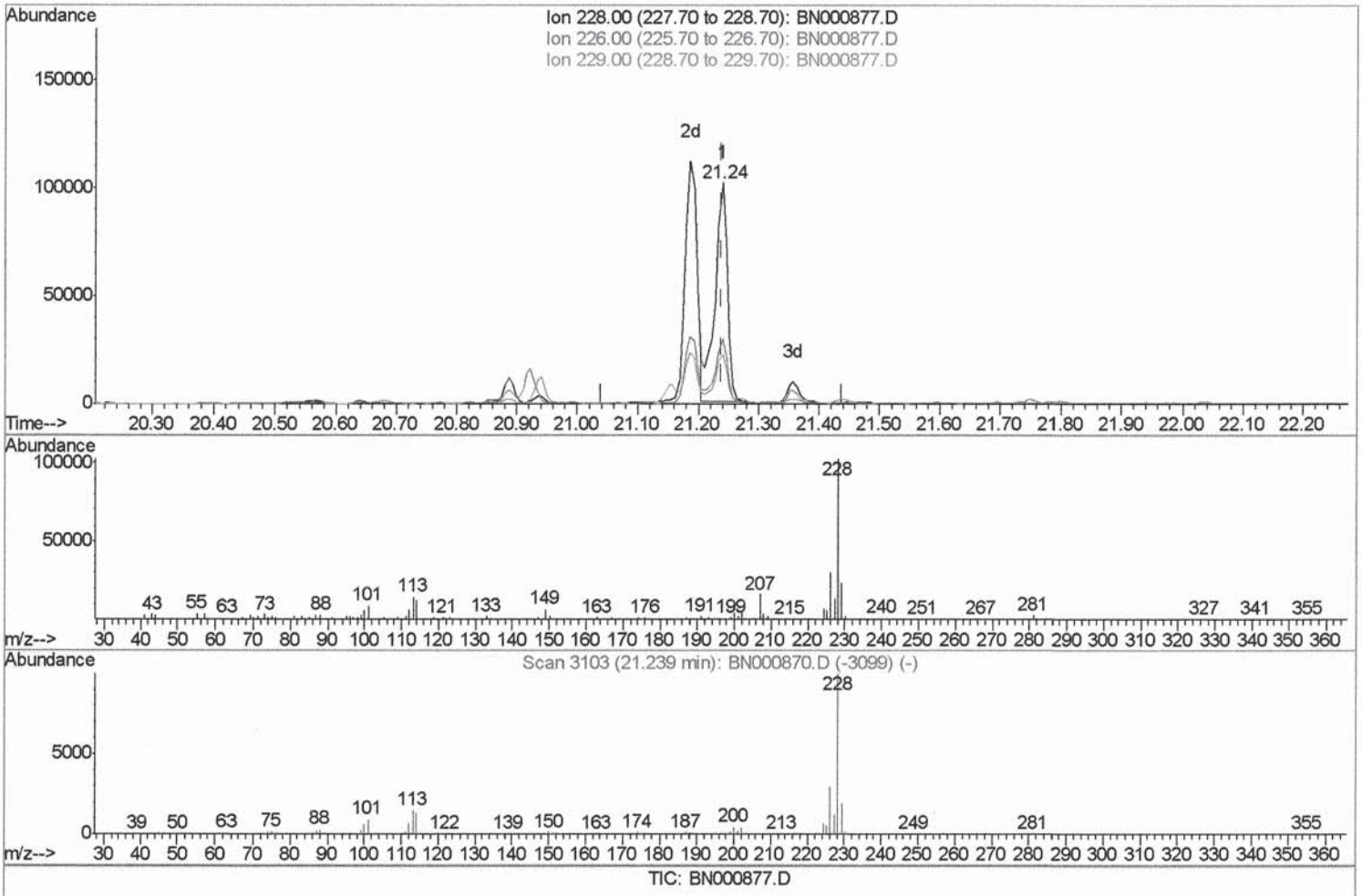
4/25/2018 4:36:55 PM



TIC: BN000877.D

(21) Chrysene

21.239min (+0.000) 4.31ng/ul

response 142713

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.61
229.00	19.80	22.58
0.00	0.00	0.00

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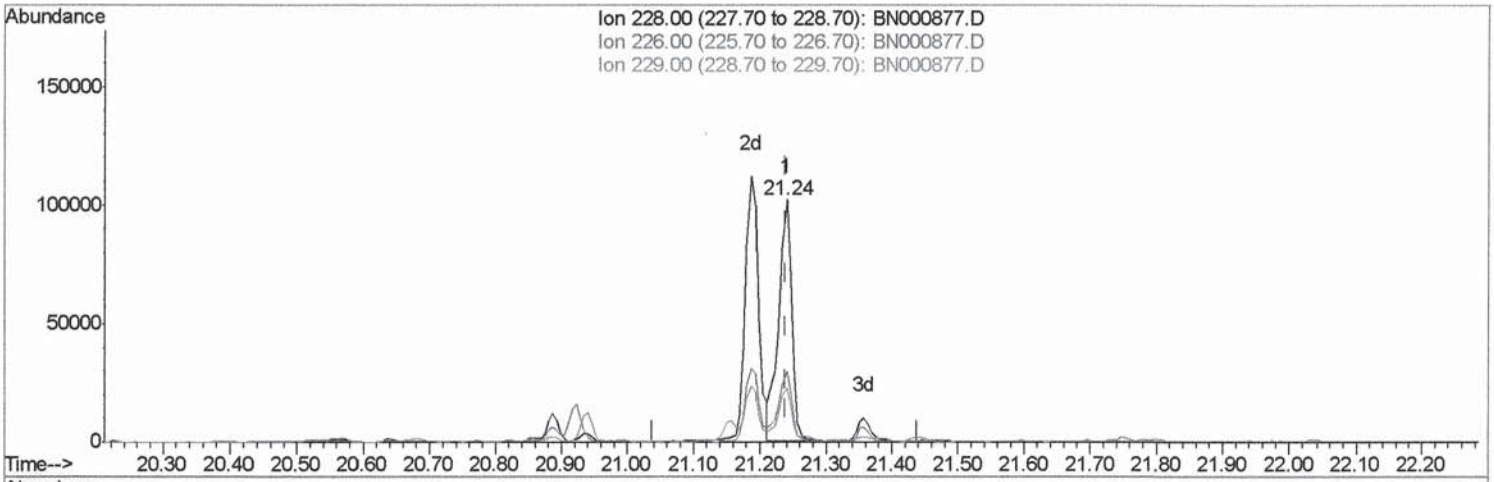
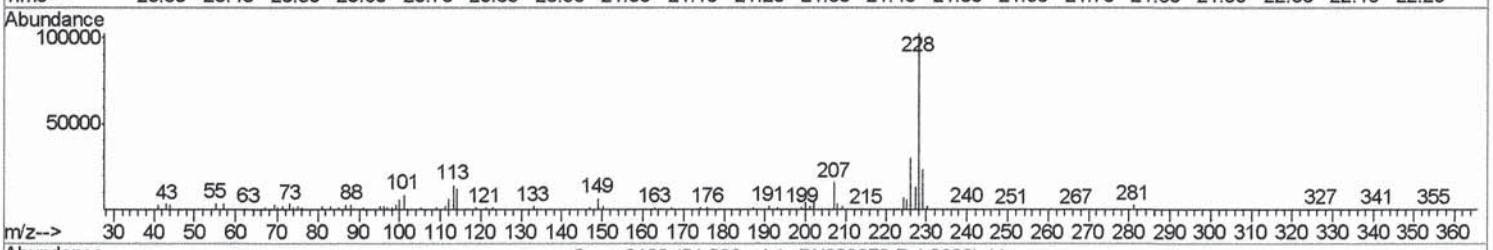
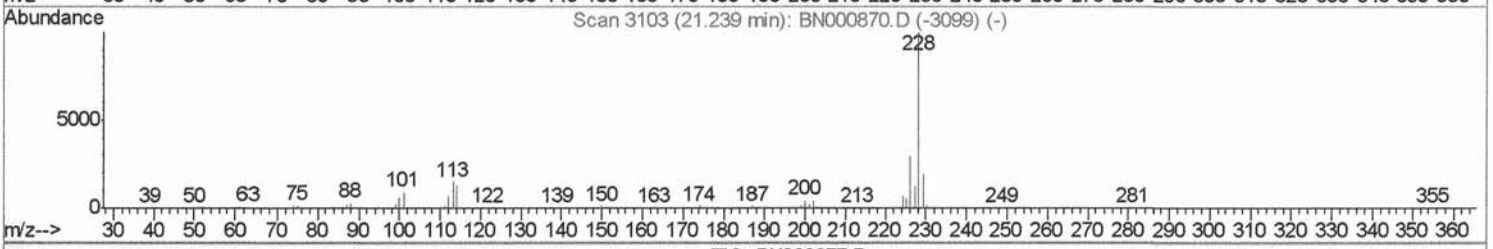
Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM







TIC: BN000877.D

(21) Chrysene

21.239min (+0.000) 4.23ng/ul m

JU 04/27/18

response 140208

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.61
229.00	19.80	22.58
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
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Operator : JU/SJ
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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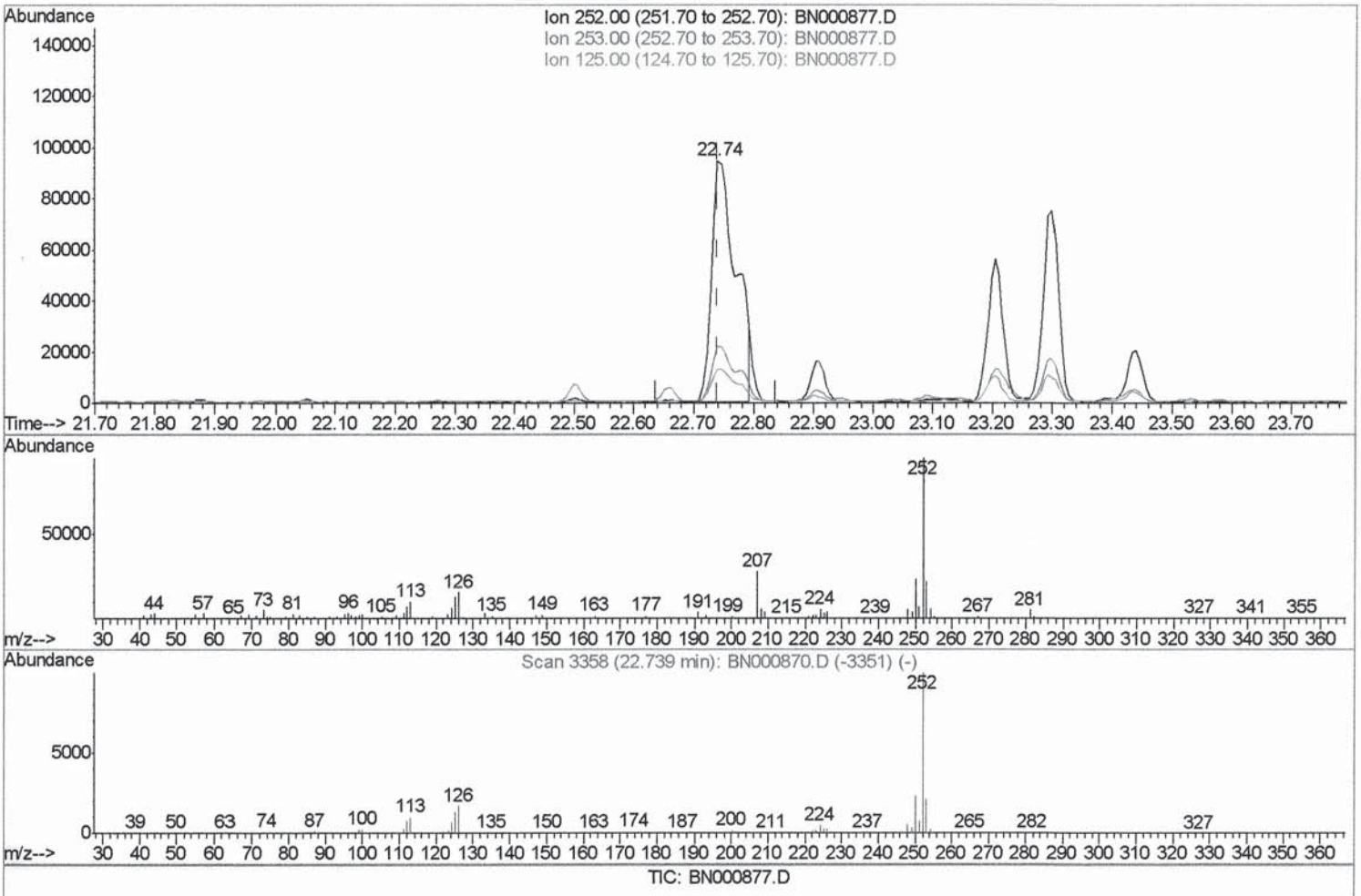
Instrument :
BNA_N
ClientSampleId :
DARS4

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM



TIC: BN000877.D

(23) Benzo(b)fluoranthene

22.739min (+0.000) 7.24ng/ul

response 266828

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.54
125.00	10.00	14.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
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Acq On : 25 Apr 2018 06:40
Operator : JU/SJ
Sample : J2444-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

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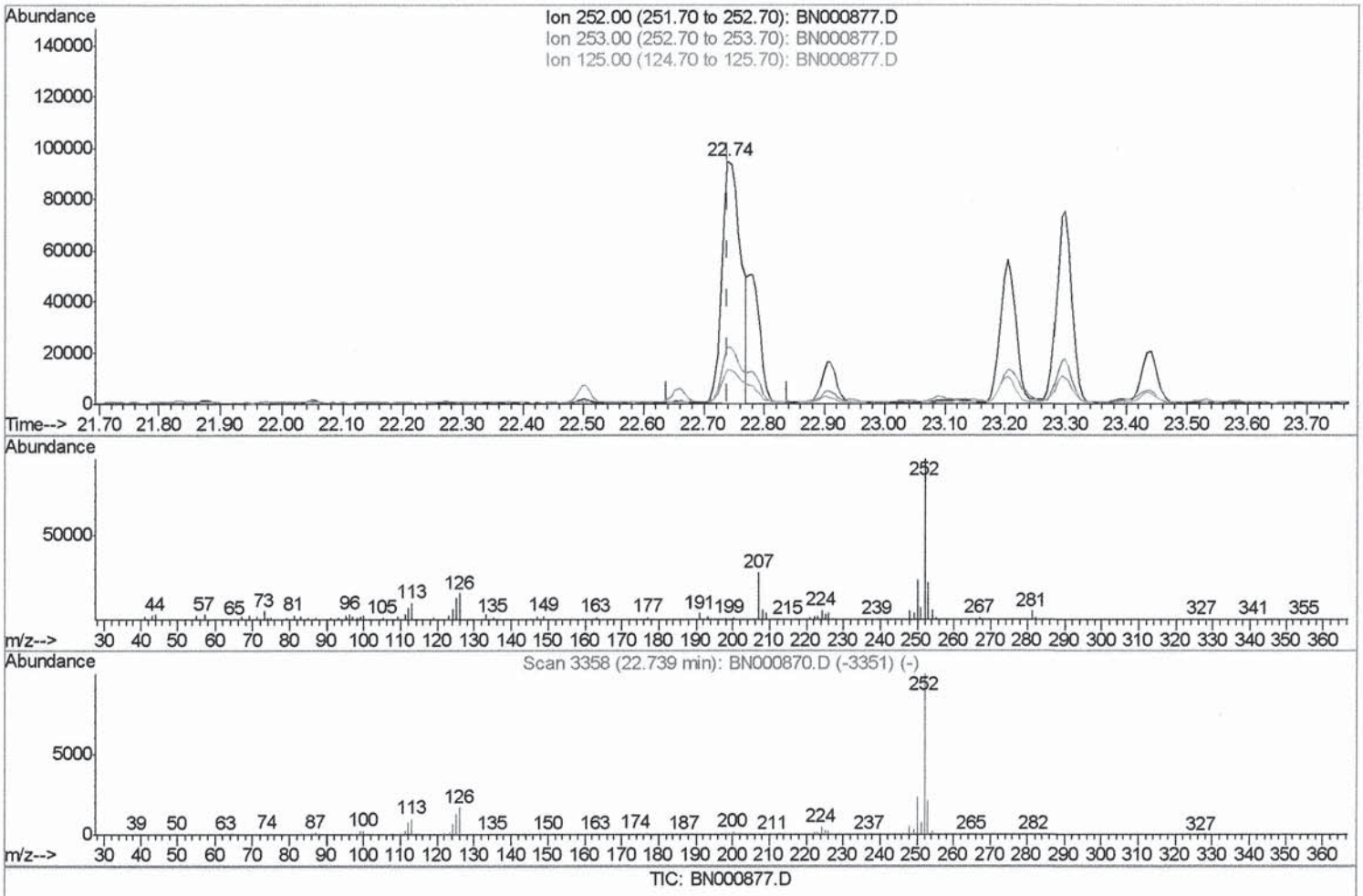
BNA_N
ClientSampleId :
DARS4

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM



TIC: BN000877.D

(23) Benzo(b)fluoranthene

22.739min (+0.000) 5.60ng/ul m

JU 04/27/18

response 206644

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.54
125.00	10.00	14.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000877.D
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Operator : JU/SJ
Sample : J2444-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 25 08:38:32 2018
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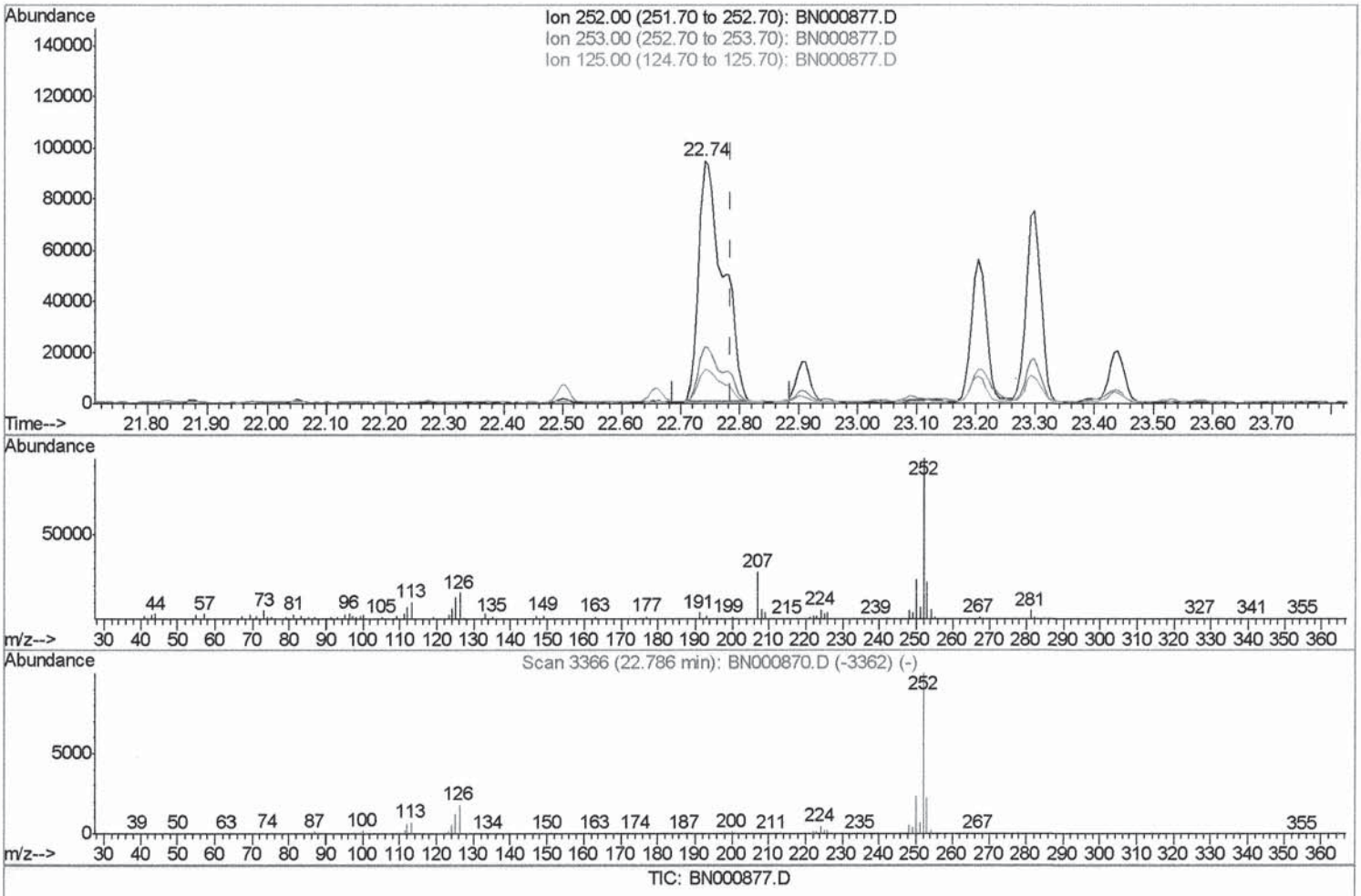
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DARS4

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM



TIC: BN000877.D

(24) Benzo(k)fluoranthene

22.739min (-0.047) 7.52ng/ul

response 271192

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.54
125.00	10.10	14.29#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
Data File : BN000877.D
Acq On : 25 Apr 2018 06:40
Operator : JU/SJ
Sample : J2444-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Apr 25 08:38:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
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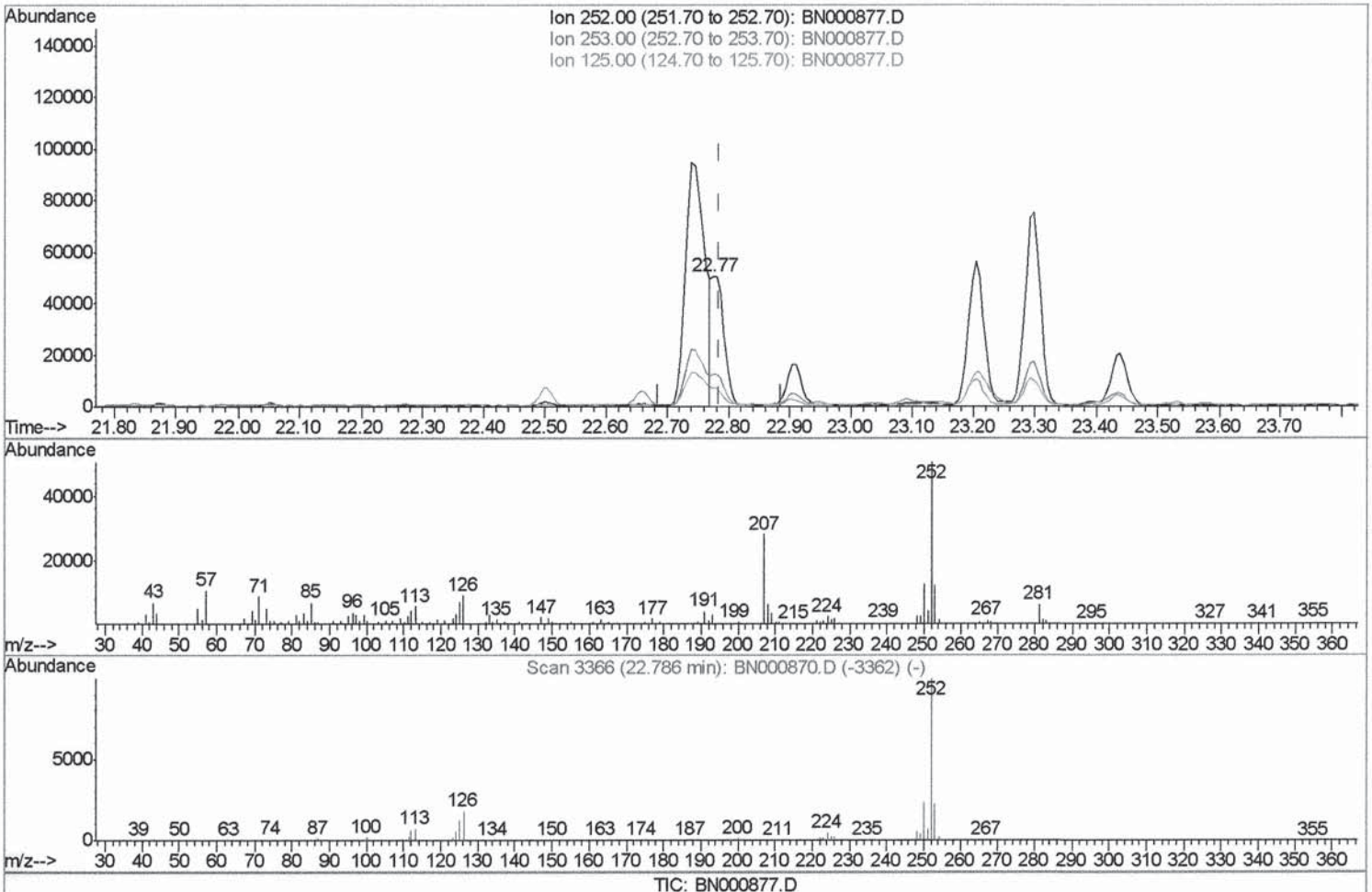
QLast Update : Wed Apr 25 08:30:17 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DARS4

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM



TIC: BN000877.D

(24) Benzo(k)fluoranthene

22.774min (-0.012) 1.93ng/ul m

response 69735

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.33
125.00	10.10	14.46#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument : BNA_N
ClientSampleId : DARS4

Manual Integrations APPROVED
Sohil
4/25/2018 4:36:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	163407	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	687096	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	326378	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	645556	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	589861	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	648792	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	675727	21.56	ng/ul	0.00
10) Fluorene-d10	15.25	176	465869	22.27	ng/ul	0.00
14) Anthracene-d10	17.09	188	647072	21.92	ng/ul	0.00
18) Pyrene-d10	19.40	212	682027	22.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	736296	24.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.43	128	37939	1.096	ng/ul	99
9) Acenaphthene	14.31	153	24583	1.147	ng/ul	95
13) Phenanthrene	17.04	178	261007	7.413	ng/ul	99
15) Anthracene	17.13	178	58697	1.662	ng/ul	99
16) Fluoranthene	19.06	202	347477	9.727	ng/ul	95
19) Pyrene	19.43	202	270377	7.136	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	150931	4.280	ng/ul	97
21) Chrysene	21.24	228	140208m	4.231	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	206644m	5.604	ng/ul	
24) Benzo(k)fluoranthene	22.77	252	69735m	1.933	ng/ul	
26) Benzo(a)pyrene	23.30	252	131689	3.737	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.56	276	96582	2.269	ng/ul#	91
29) Benzo(g,h,i)perylene	26.22	276	101610	2.854	ng/ul#	92

SJ 04/27/18

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