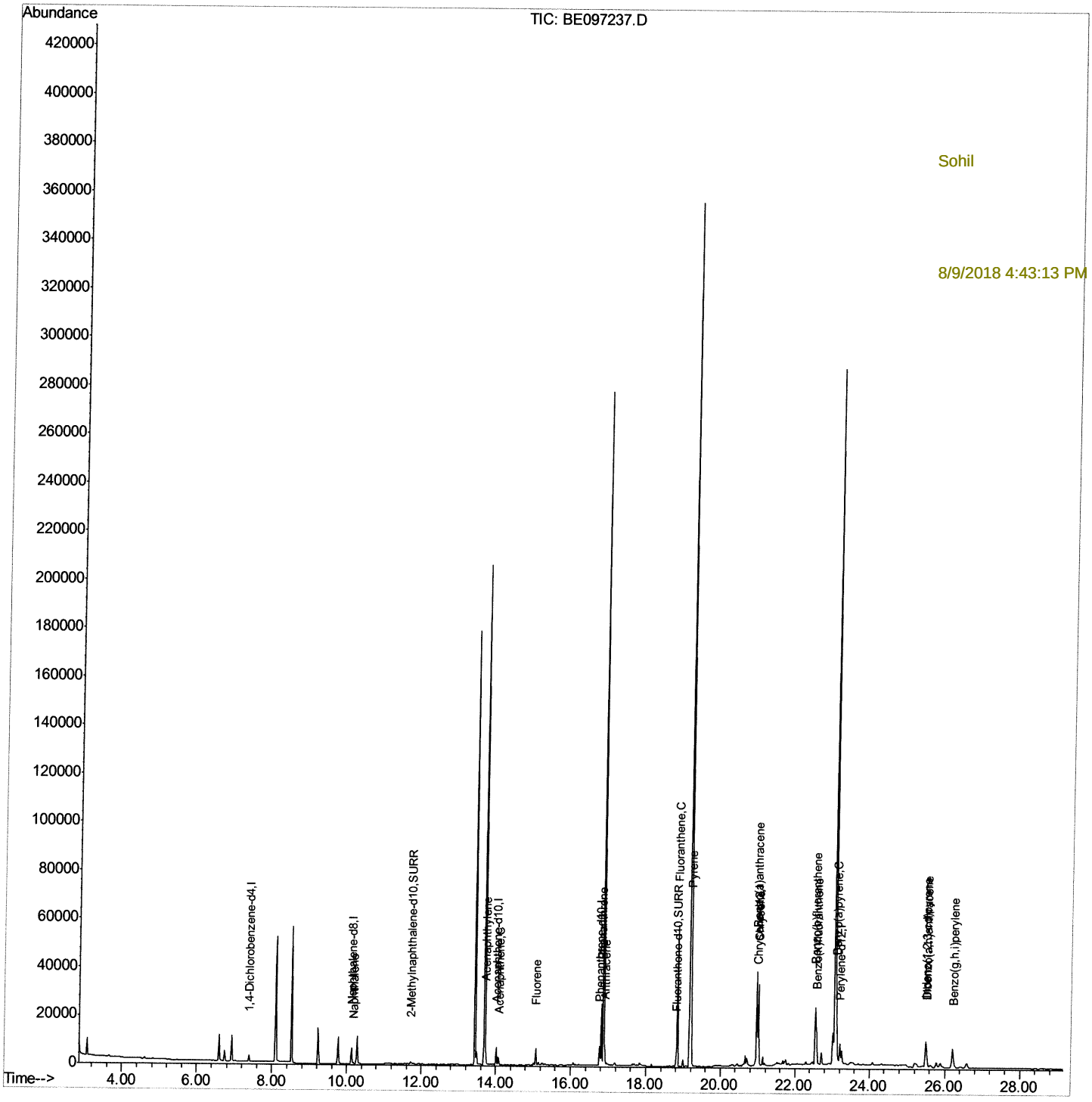
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097237.D
Acq On : 8 Aug 2018 16:19
Operator : SJ/JU
Sample : J4268-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 09 01:03:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations APPROVED
Sohil
8/9/2018 4:43:13 PM



Quantitation Report (Qedit)

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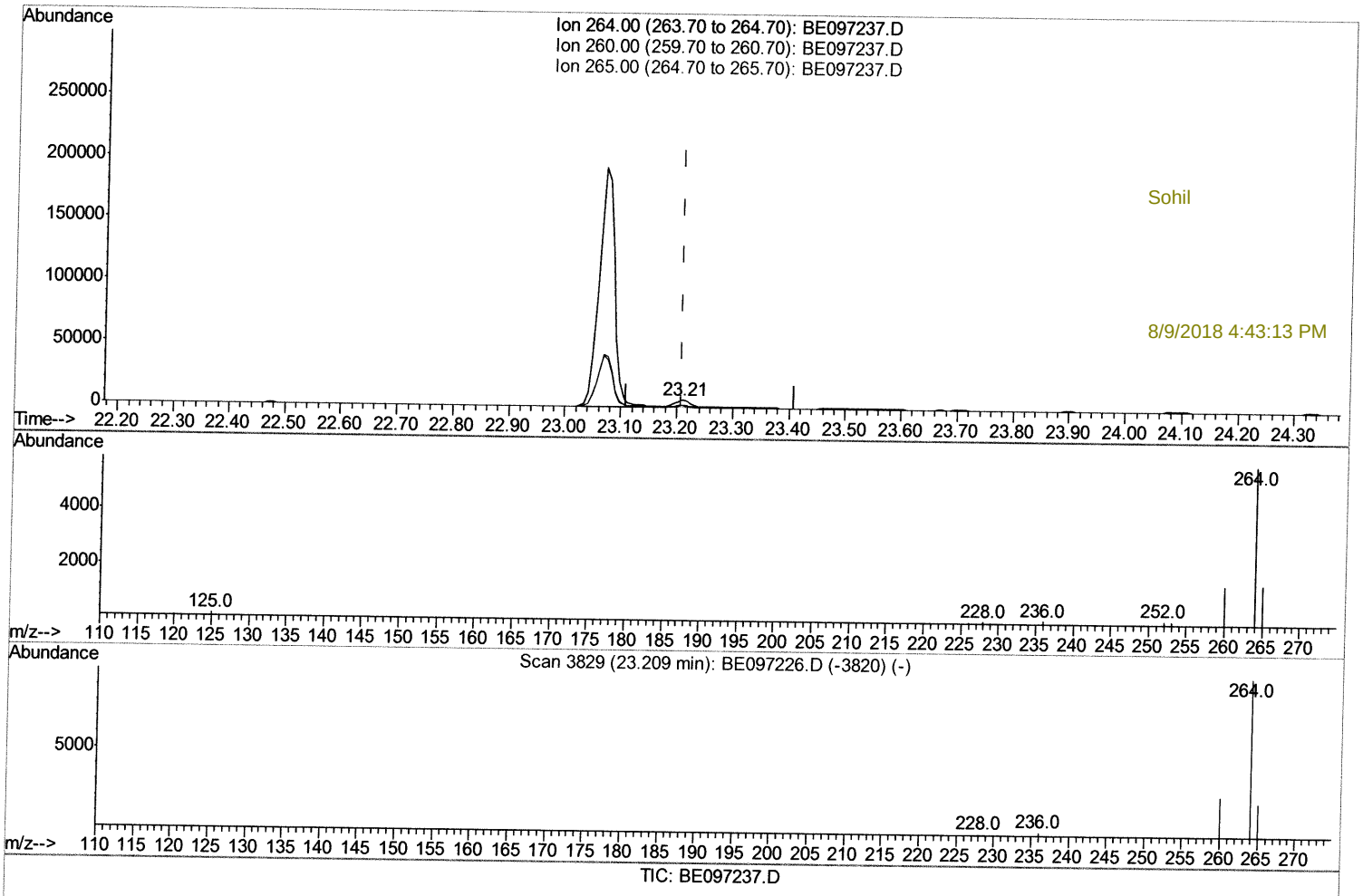

(20) Perylene-d12 (I)

23.210min (+0.000) 0.40ng/ul

response 11762

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.76
265.00	103.50	26.79#
0.00	0.00	0.00

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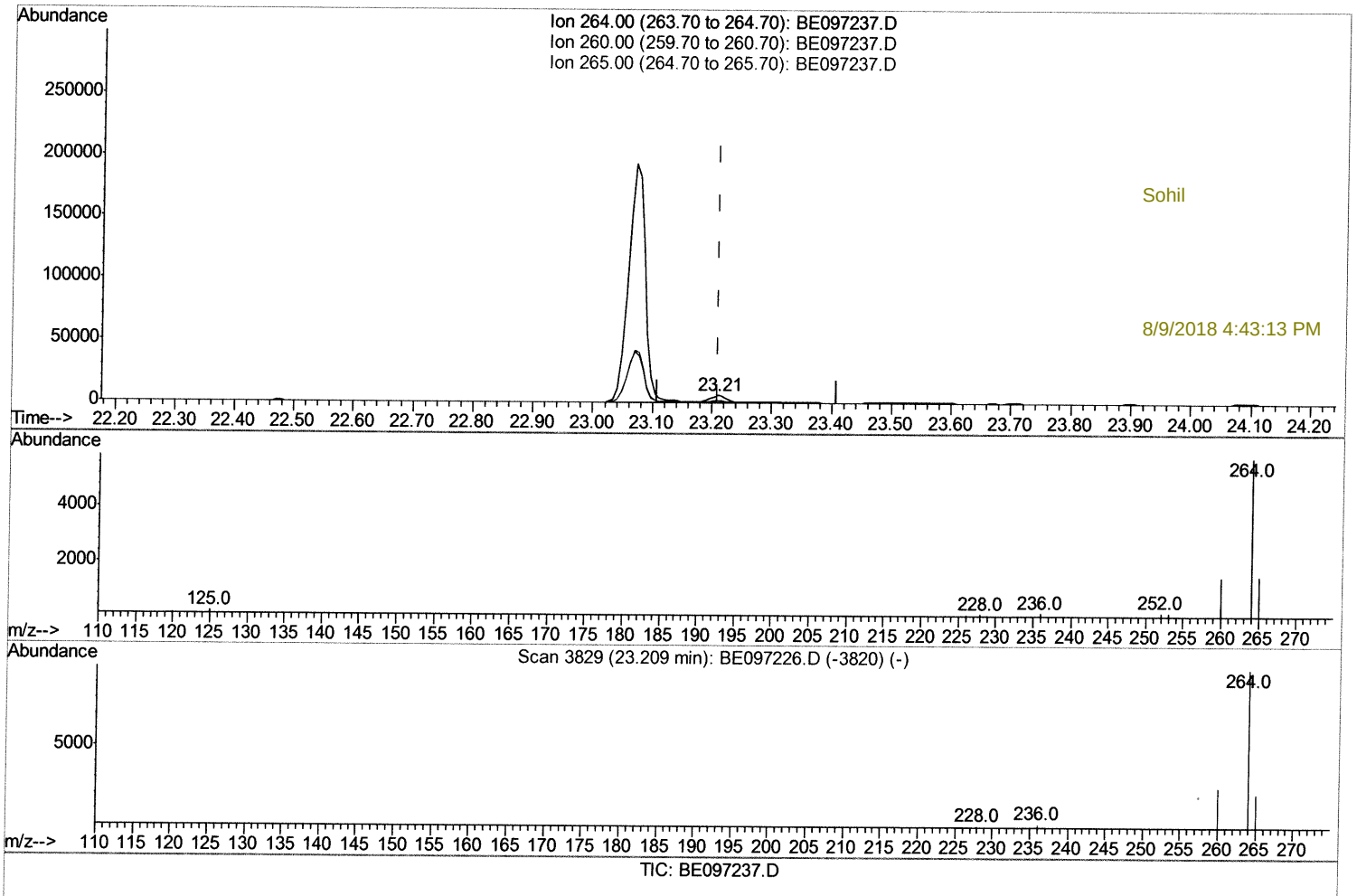
8/9/2018 4:43:13 PM



(20) Perylene-d12 (I)

23.210min (+0.000) 0.40ng/ul m) SJ 8/10/18

response 8931

Ion	Exp%	Act%
264.00	100	100
260.00	30.10	25.76
265.00	103.50	26.79#
0.00	0.00	0.00

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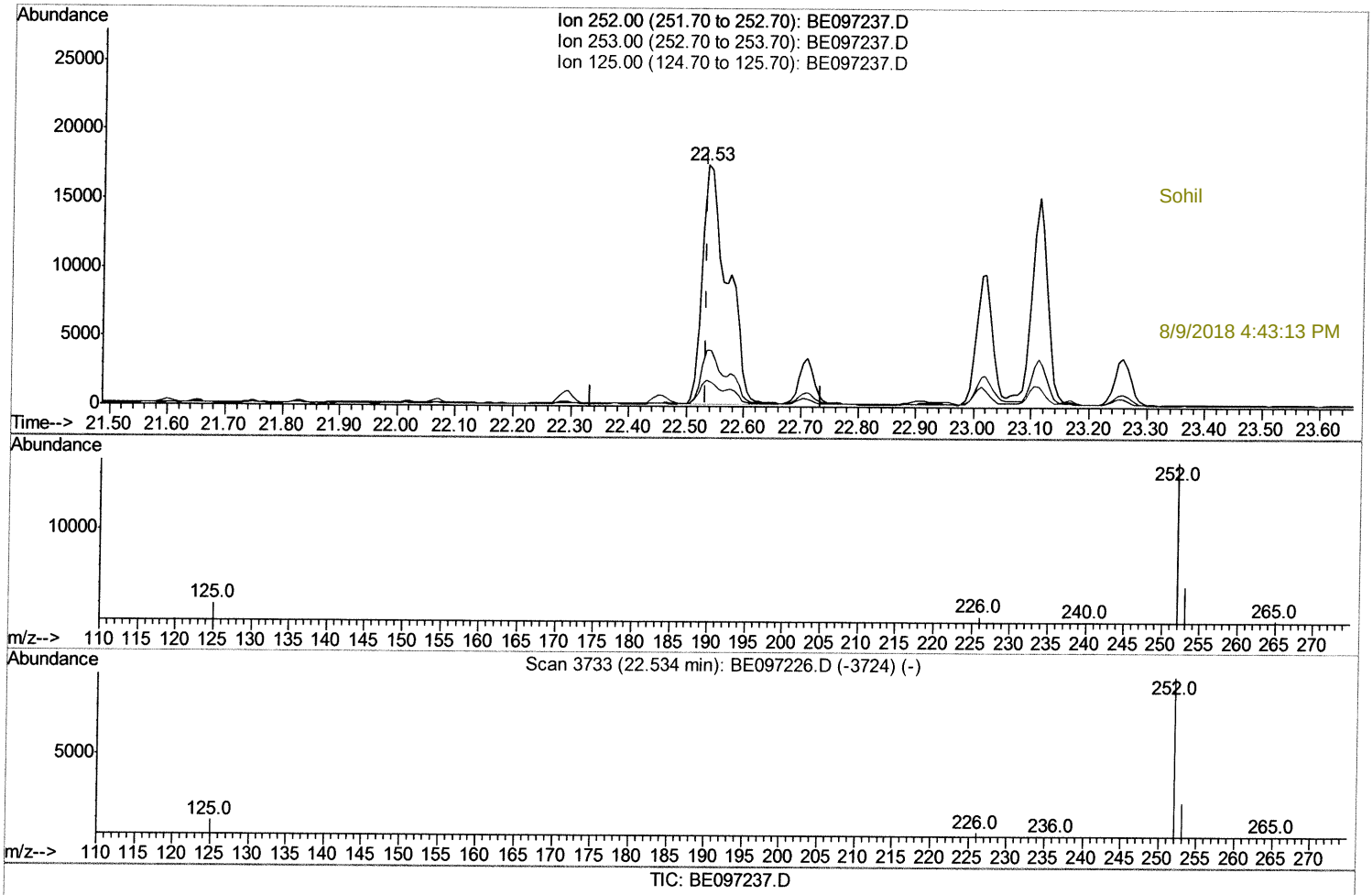
8/9/2018 4:43:13 PM



TIC: BE097237.D

(21) Benzo(b)fluoranthene

22.535min (+0.000) 2.17ng/ul

response 52833

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.03
125.00	17.50	10.89
0.00	0.00	0.00

Quantitation Report (Qedit)

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ClientSampleId :
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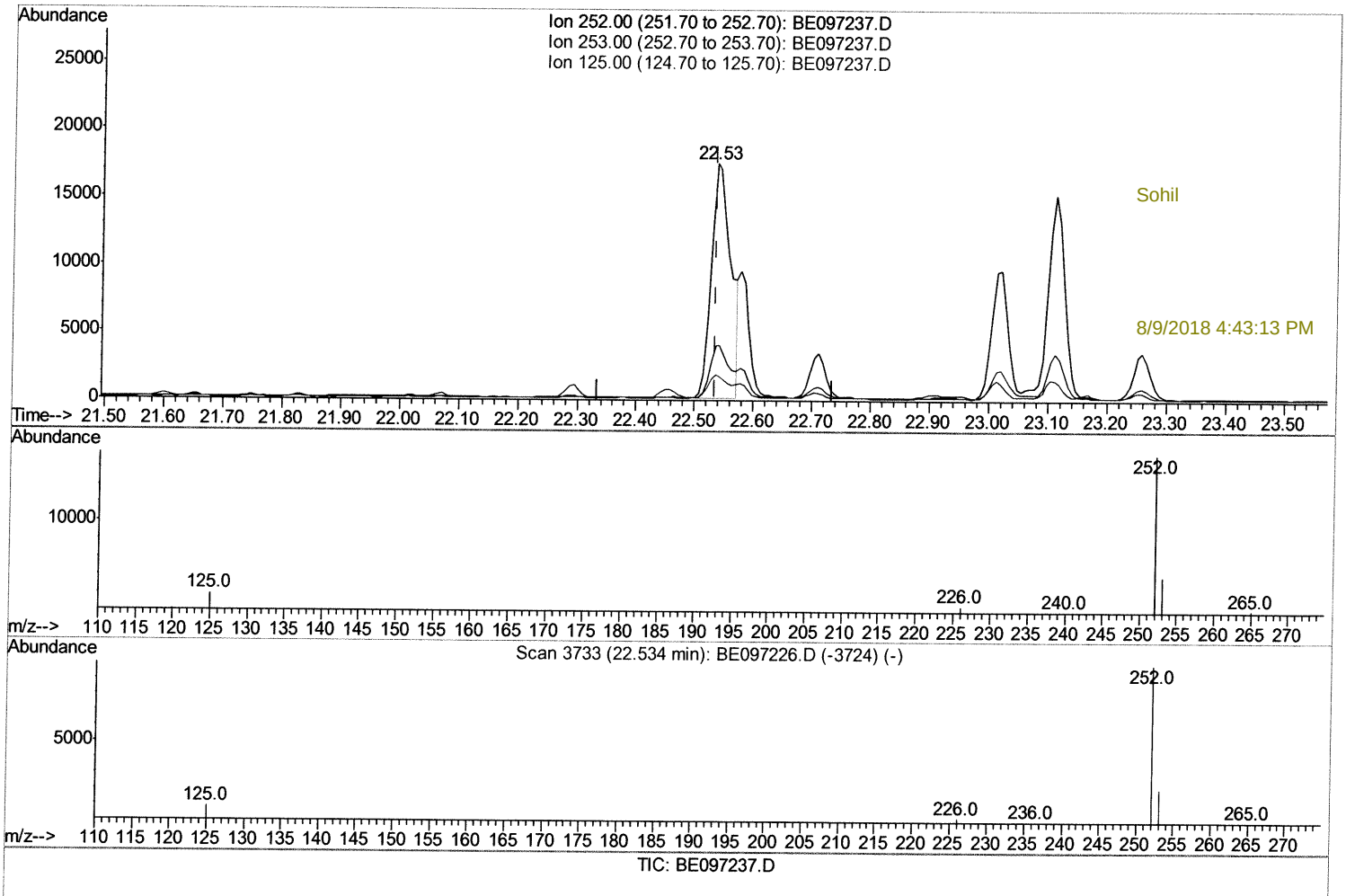
Manual Integrations APPROVED
Sohil
8/9/2018 4:43:13 PM



(21) Benzo(b)fluoranthene

22.535min (+0.000) 1.68ng/ul m > SJ 8/10/18

response 40883

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.03
125.00	17.50	10.89
0.00	0.00	0.00

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ClientSampleId :
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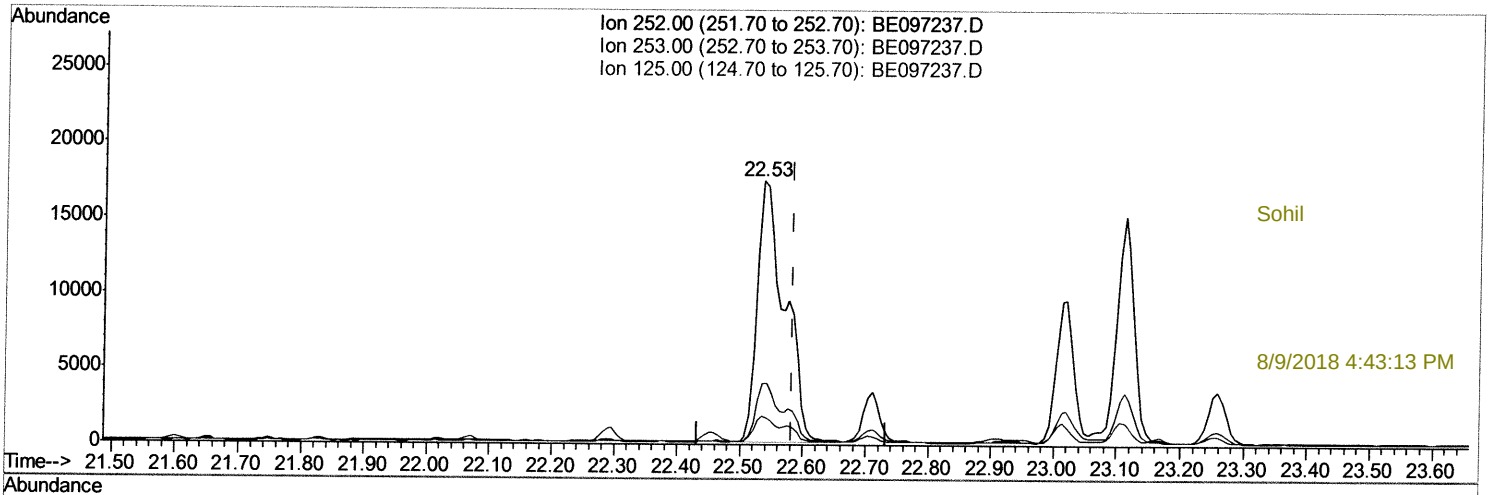
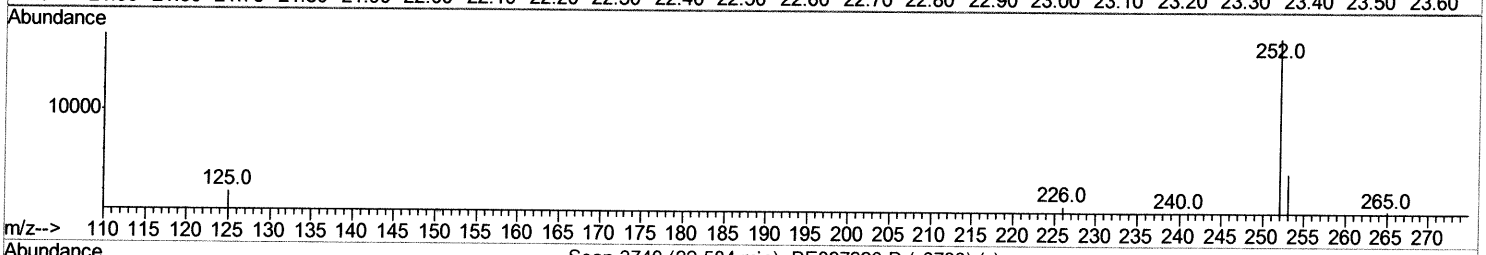
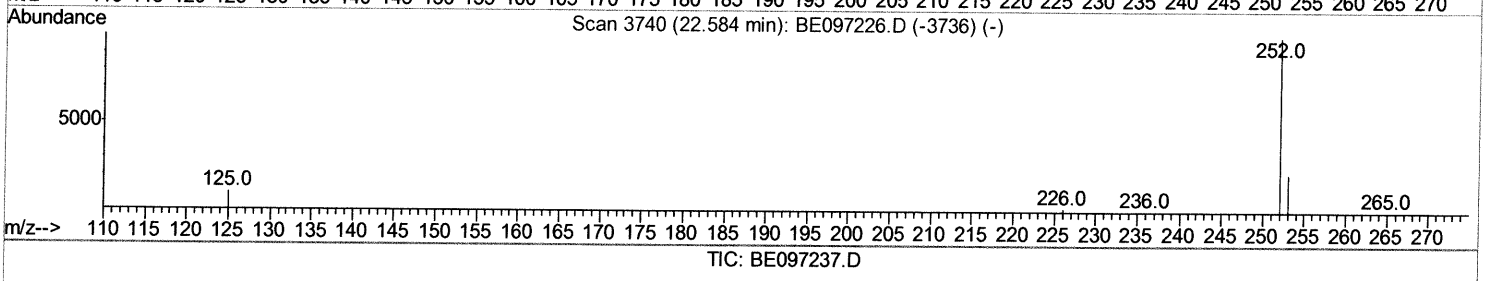
Manual Integrations APPROVED
Sohil
8/9/2018 4:43:13 PM







TIC: BE097237.D

(22) Benzo(k)fluoranthene

22.535min (-0.049) 2.01ng/ul

response 52833

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.03#
125.00	17.10	10.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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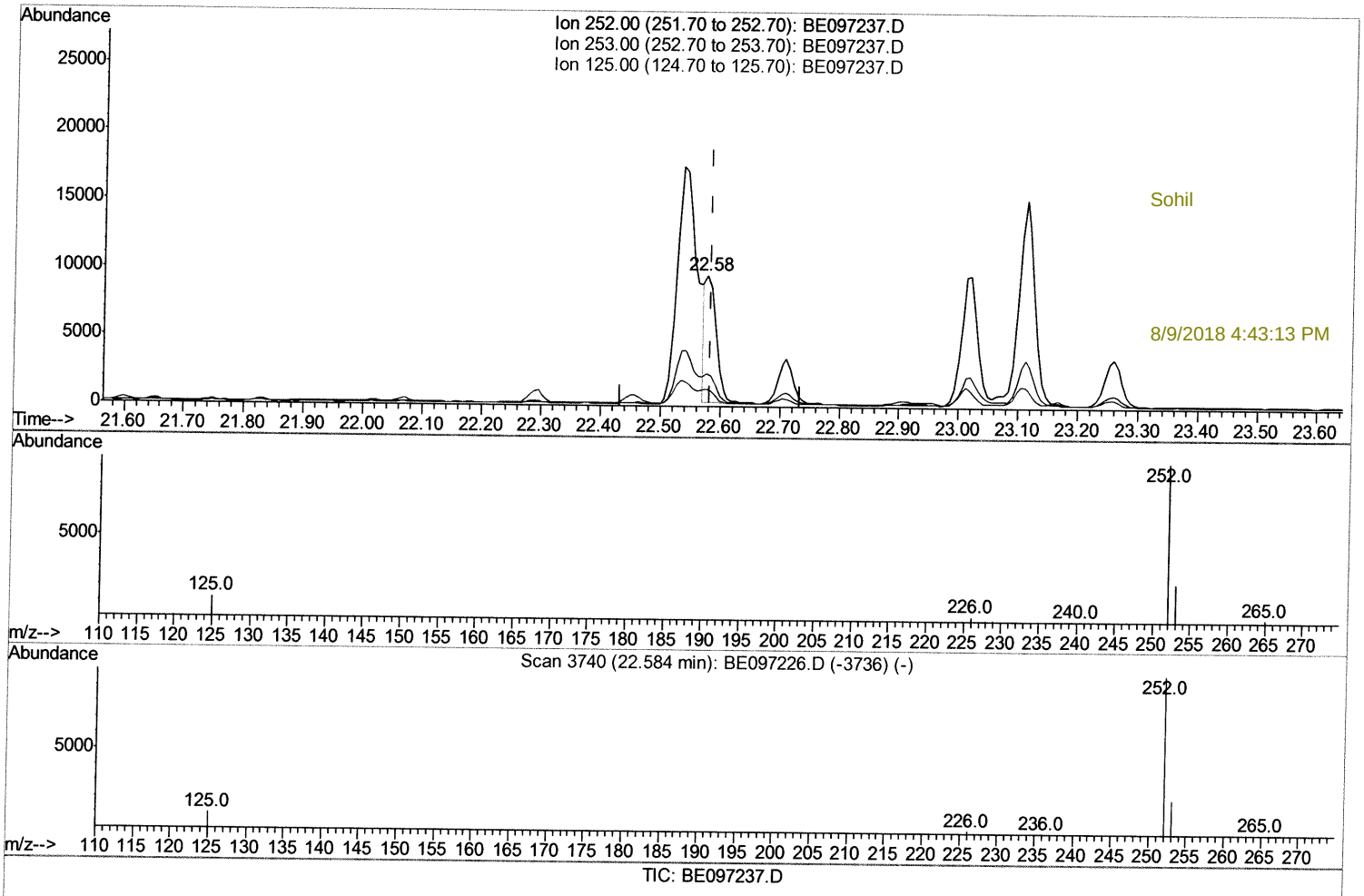
Instrument :
BNA_E
ClientSampleId :
C0AA5

Manual Integrations APPROVED
Sohil
8/9/2018 4:43:13 PM



(22) Benzo(k)fluoranthene

22.577min (-0.007) 0.43ng/ul m SJ 8/10/18

response 11309

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.79
125.00	17.10	13.36#
0.00	0.00	0.00

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8/9/2018 4:43:13 PM

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1255	0.40 ng/ul	0.00
2) Naphthalene-d8	10.13	136	6747	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4020	0.40 ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9234	0.40 ng/ul	0.00
16) Chrysene-d12	20.98	240	9655	0.40 ng/ul	0.00
20) Perylene-d12	23.21	264	8931m	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.72	152	1580	0.15 ng/ul	0.00
14) Fluoranthene-d10	18.81	212	4316	0.14 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.18	128	794	0.049 ng/ul#	85
7) Acenaphthylene	13.73	152	4532	0.261 ng/ul	98
8) Acenaphthene	14.08	153	1788	0.142 ng/ul	94
9) Fluorene	15.08	166	4203	0.291 ng/ul	93
12) Phenanthrene	16.81	178	26707	1.135 ng/ul#	89
13) Anthracene	16.90	178	6476	0.295 ng/ul#	92
15) Fluoranthene	18.84	202	65915	2.118 ng/ul	84
17) Pyrene	19.21	202	55153	2.132 ng/ul#	78
18) Benzo(a)anthracene	20.96	228	30425	1.103 ng/ul#	84
19) Chrysene	21.01	228	29266	1.029 ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	40883m	1.680 ng/ul	
22) Benzo(k)fluoranthene	22.58	252	11309m	0.431 ng/ul	
23) Benzo(a)pyrene	23.11	252	29031	1.192 ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.50	276	19125	0.627 ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	4793	0.192 ng/ul	100
26) Benzo(g,h,i)perylene	26.20	276	17994	0.683 ng/ul#	93

SJ 8/10/18

SJ 8/10/18

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