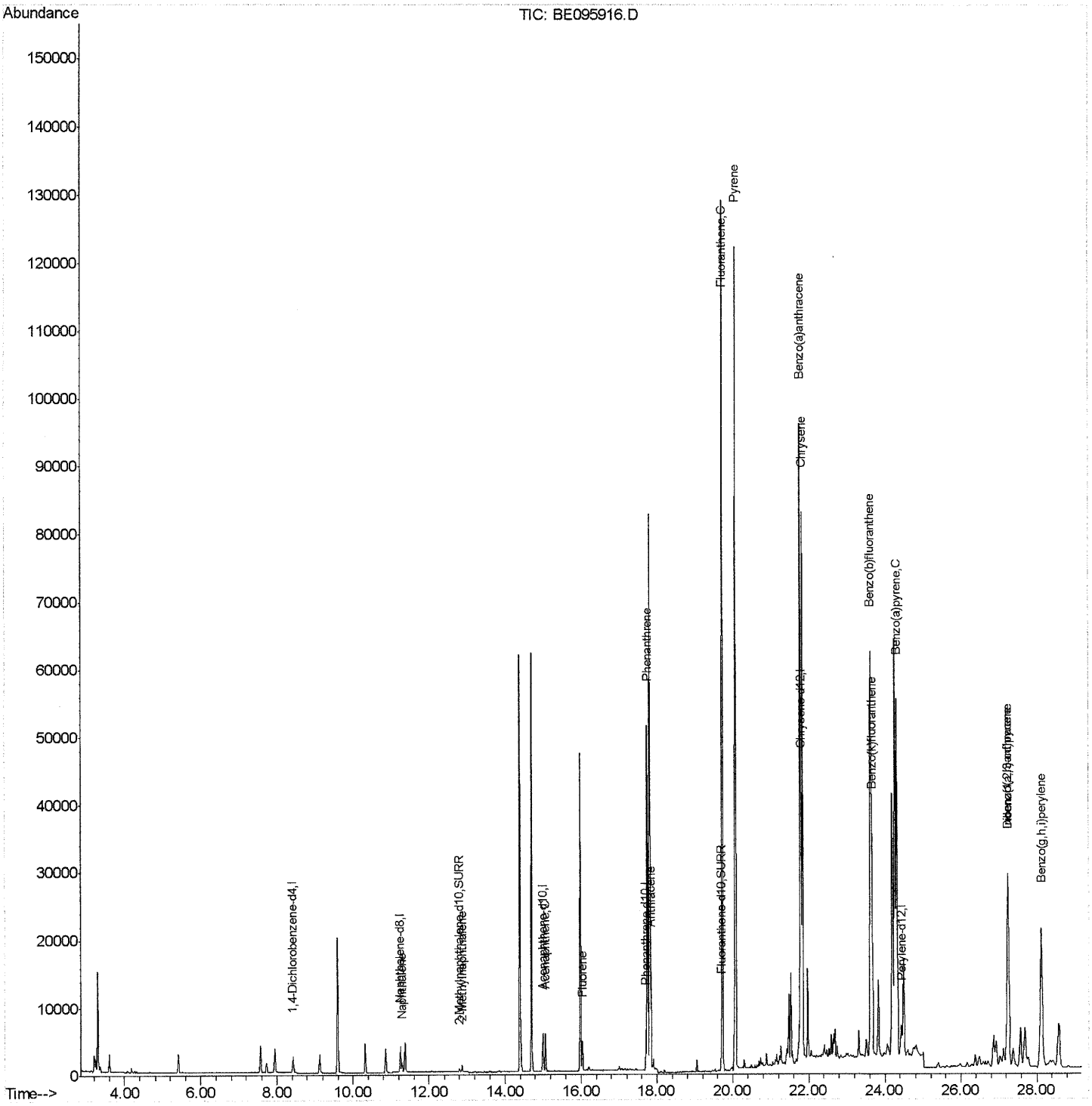
Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
Sohil
3/29/2018 6:45:13 PM

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE032918\
Data File : BE095916.D
Acq On : 29 Mar 2018 15:34
Operator : SJ/JU
Sample : J2060-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 29 18:02:46 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration



Instrument :
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ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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Quantitation Report (Qedit)

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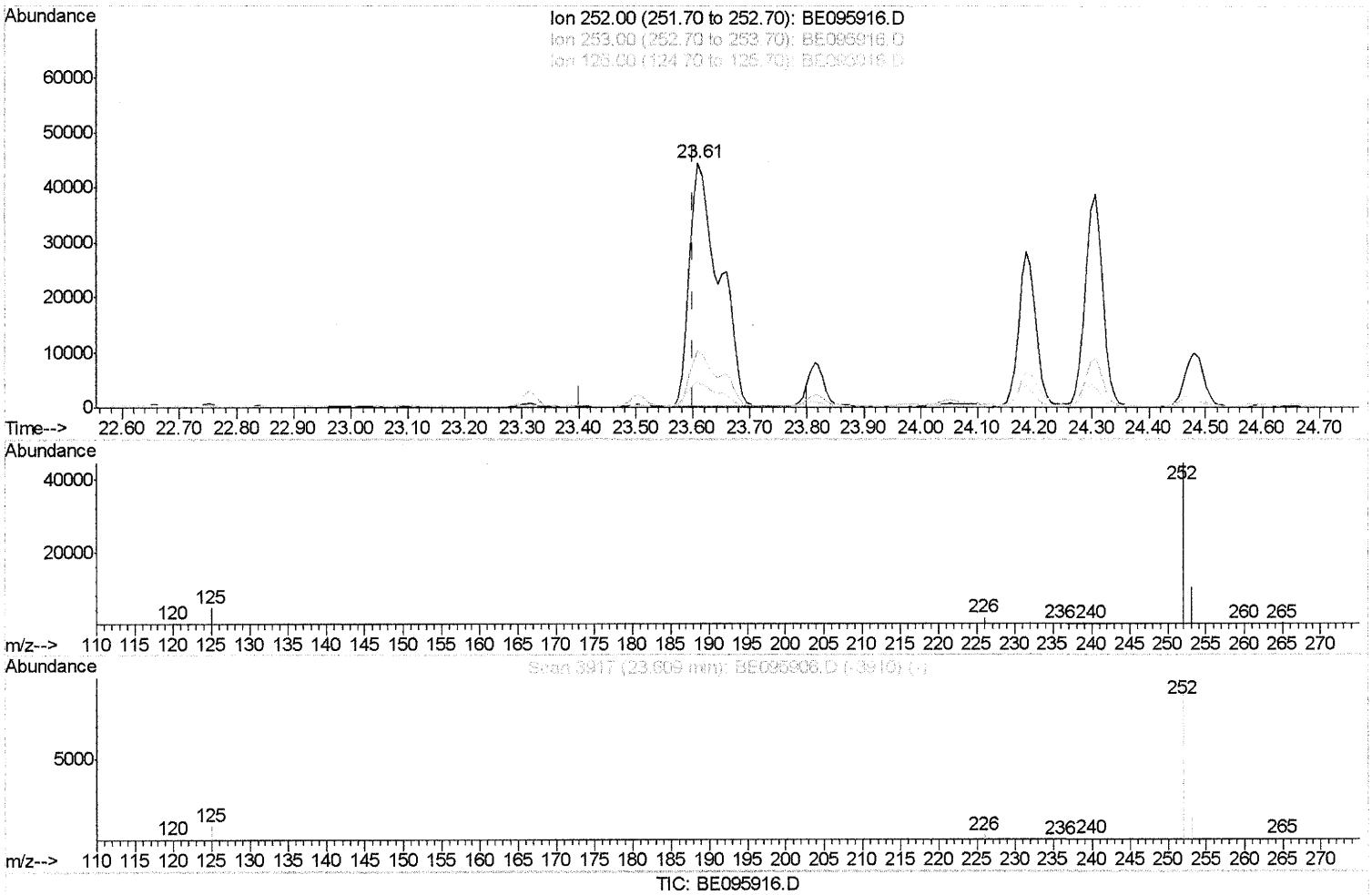
Data File : BE095916.D
Acq On : 29 Mar 2018 15:34
Operator : SJ/JU
Sample : J2060-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 29 18:01:25 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration



TIC: BE095916.D

(21) Benzo(b)fluoranthene

23.609min (+0.007) 6.81ng/ul

response 157953

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.05
125.00	17.50	10.33
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
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Quantitation Report (Qedit)

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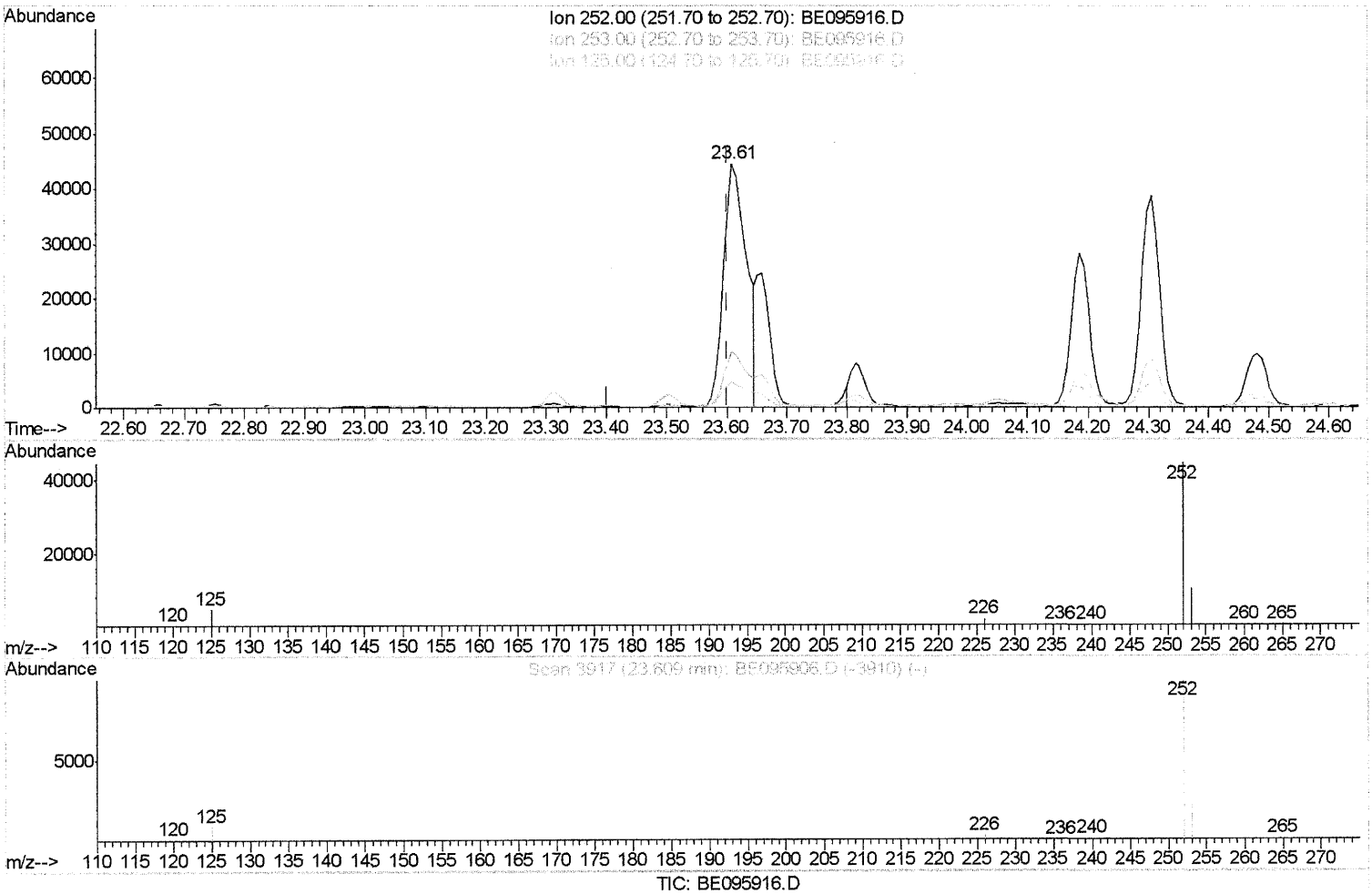

(21) Benzo(b)fluoranthene

23.609min (+0.007) 5.18ng/ul m JU 3/30/18

response 120092

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.05
125.00	17.50	10.33
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
Sohil
3/29/2018 6:45:13 PM

Quantitation Report (Qedit)

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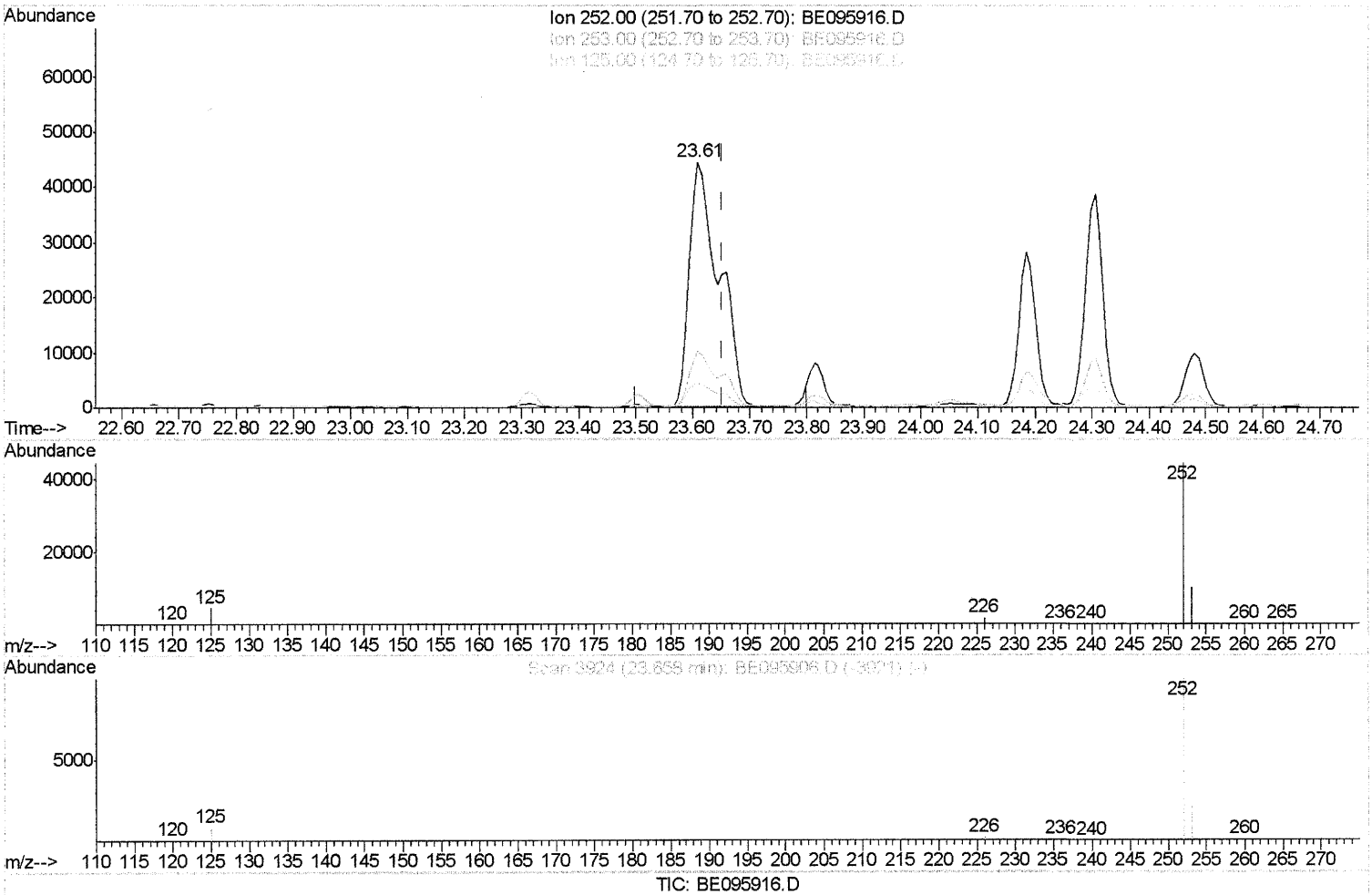
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 29 18:01:25 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 29 16:32:29 2018
Response via : Initial Calibration



(22) Benzo(k)fluoranthene

23.609min (-0.042) 7.16ng/ul

response 157953

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.05#
125.00	17.10	10.33#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
Sohil
3/29/2018 6:45:13 PM

Quantitation Report (Qedit)

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Data File : BE095916.D
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Operator : SJ/JU
Sample : J2060-02DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Mar 29 18:01:25 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE031318.M
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QLast Update : Thu Mar 29 16:32:29 2018
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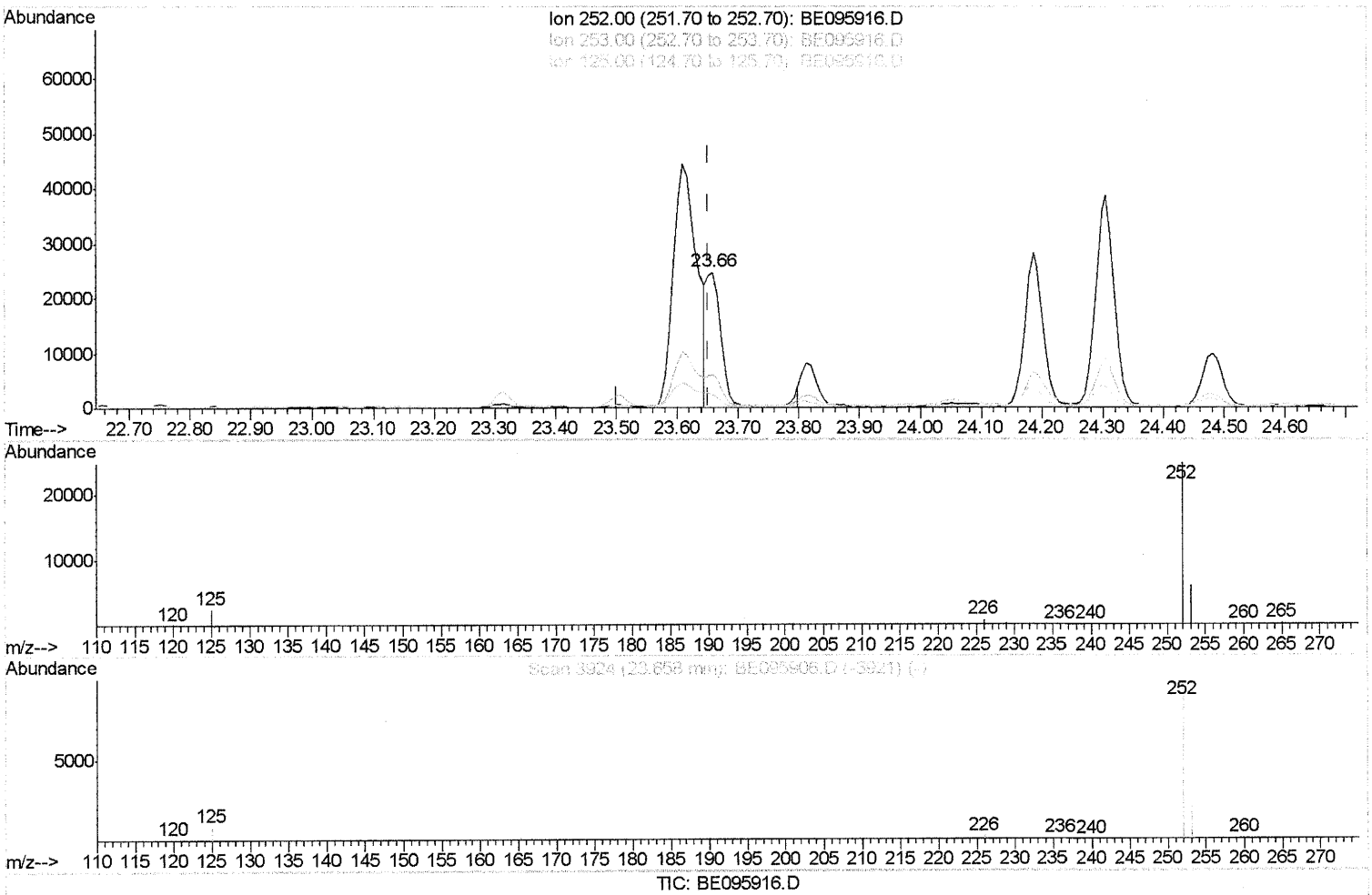

TIC: BE095916.D

(22) Benzo(k)fluoranthene

23.658min (+0.007) 1.79ng/ul m JU 3/30/18

response 39545

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.17#
125.00	17.10	10.11#
0.00	0.00	0.00

Instrument :
BNA_E
ClientSampleId :
C0AT2DL

Manual Integrations APPROVED
Sohil
3/29/2018 6:45:13 PM

Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1690	0.40	ng/ul	0.00
2) Naphthalene-d8	11.24	136	5029	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.00	164	3056	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.70	188	6761	0.40	ng/ul	0.00
16) Chrysene-d12	21.79	240	6932	0.40	ng/ul	0.00
20) Perylene-d12	24.42	264	6699	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.79	152	524	0.06	ng/ul	0.00
14) Fluoranthene-d10	19.68	212	1424	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.29	128	1772	0.126	ng/ul#	90
5) 2-Methylnaphthalene	12.87	142	760	0.078	ng/ul	99
8) Acenaphthene	15.06	153	3180	0.274	ng/ul	93
9) Fluorene	16.03	166	2965	0.235	ng/ul	92
12) Phenanthrene	17.75	178	52895	2.612	ng/ul#	88
13) Anthracene	17.84	178	14816	0.783	ng/ul#	91
15) Fluoranthene	19.71	202	142886	5.826	ng/ul	83
17) Pyrene	20.07	202	146263	5.557	ng/ul#	79
18) Benzo(a)anthracene	21.77	228	105266	4.706	ng/ul#	85
19) Chrysene	21.83	228	84219	3.698	ng/ul	98
21) Benzo(b)fluoranthene	23.61	252	120092m	5.175	ng/ul	
22) Benzo(k)fluoranthene	23.66	252	39545m	1.793	ng/ul	
23) Benzo(a)pyrene	24.30	252	82489	3.894	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	27.23	276	53636	2.283	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.24	278	14063	0.749	ng/ul	94
26) Benzo(g,h,i)perylene	28.11	276	53302	2.641	ng/ul#	92

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

> JU 3/30/18