Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053119\

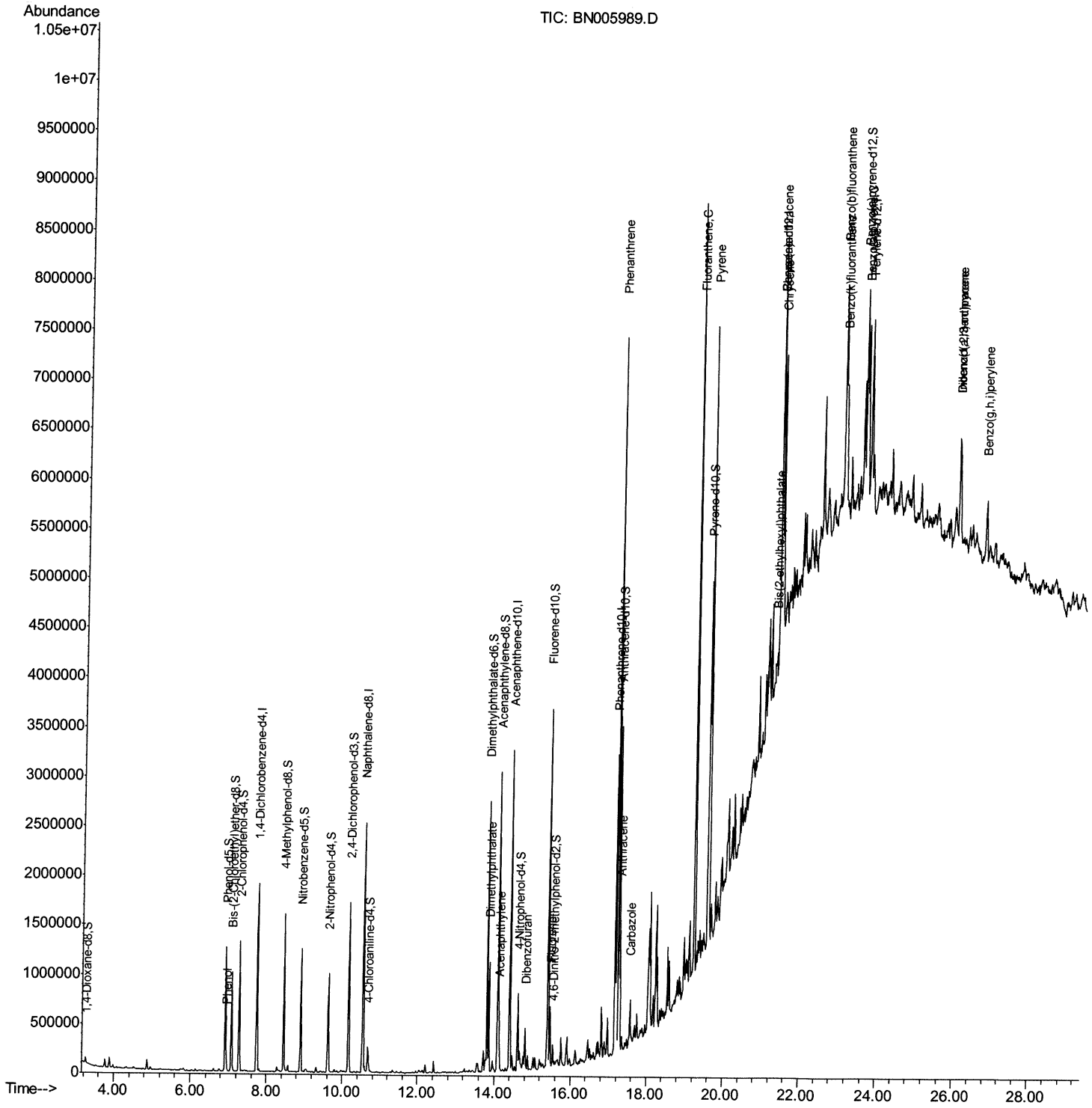
Quantitation Report (QT/LSC Reviewed)

Data File : BN005989.D
Acq On : 31 May 2019 20:37
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 01 02:32:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F3

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:28 AM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

Quantitation Report (Qedit)

Data File : BN005989.D
Acq On : 31 May 2019 20:37
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 01 01:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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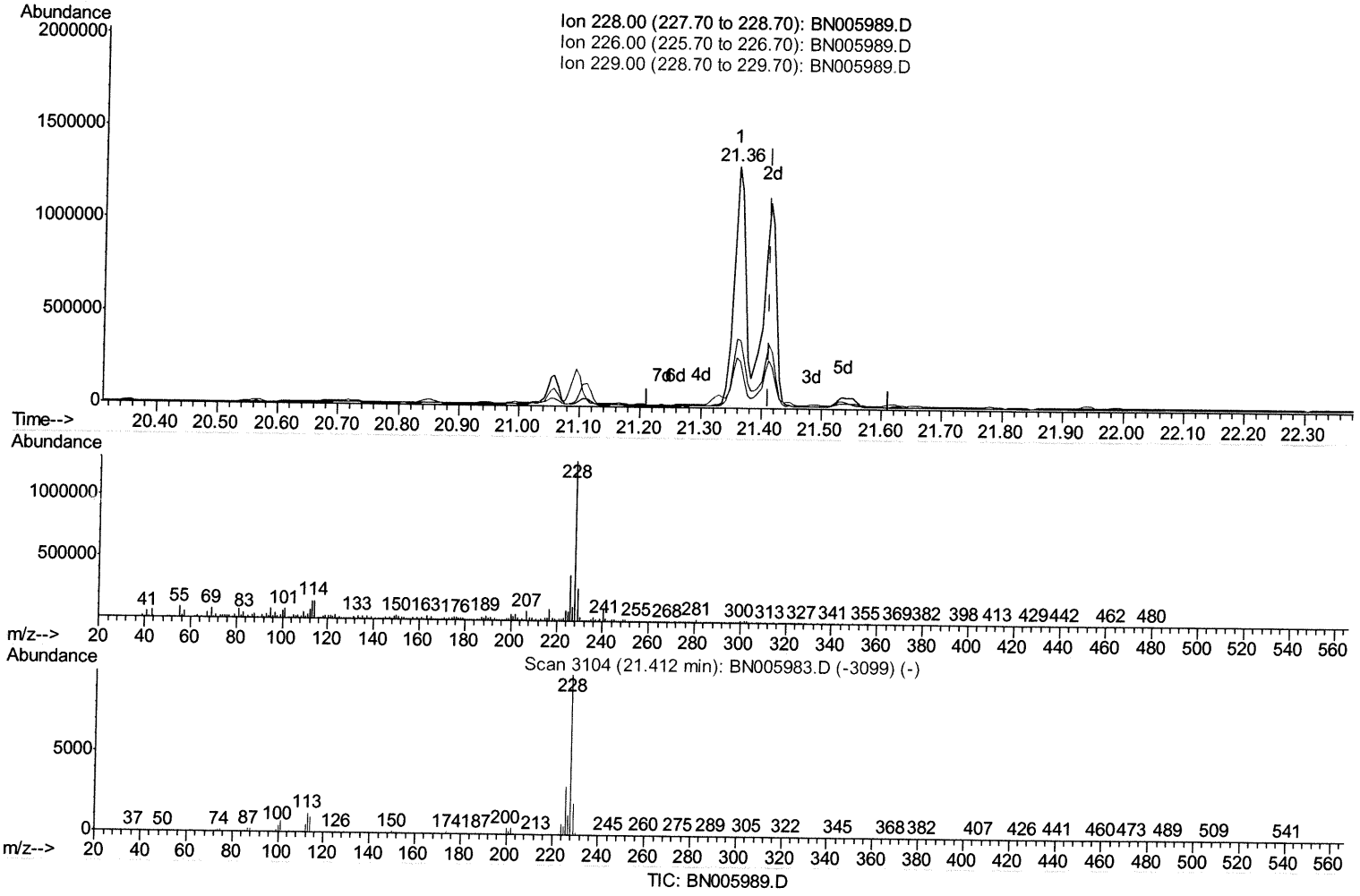
Manual Integrations APPROVED
mohammad
6/5/2019 6:11:28 AM



Scan 3104 (21.412 min): BN005983.D (-3099) (-)

TIC: BN005989.D

(84) Chrysene

21.359min (-0.053) 24.50ng/ul

response 1690248

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	28.66
229.00	19.20	20.89
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

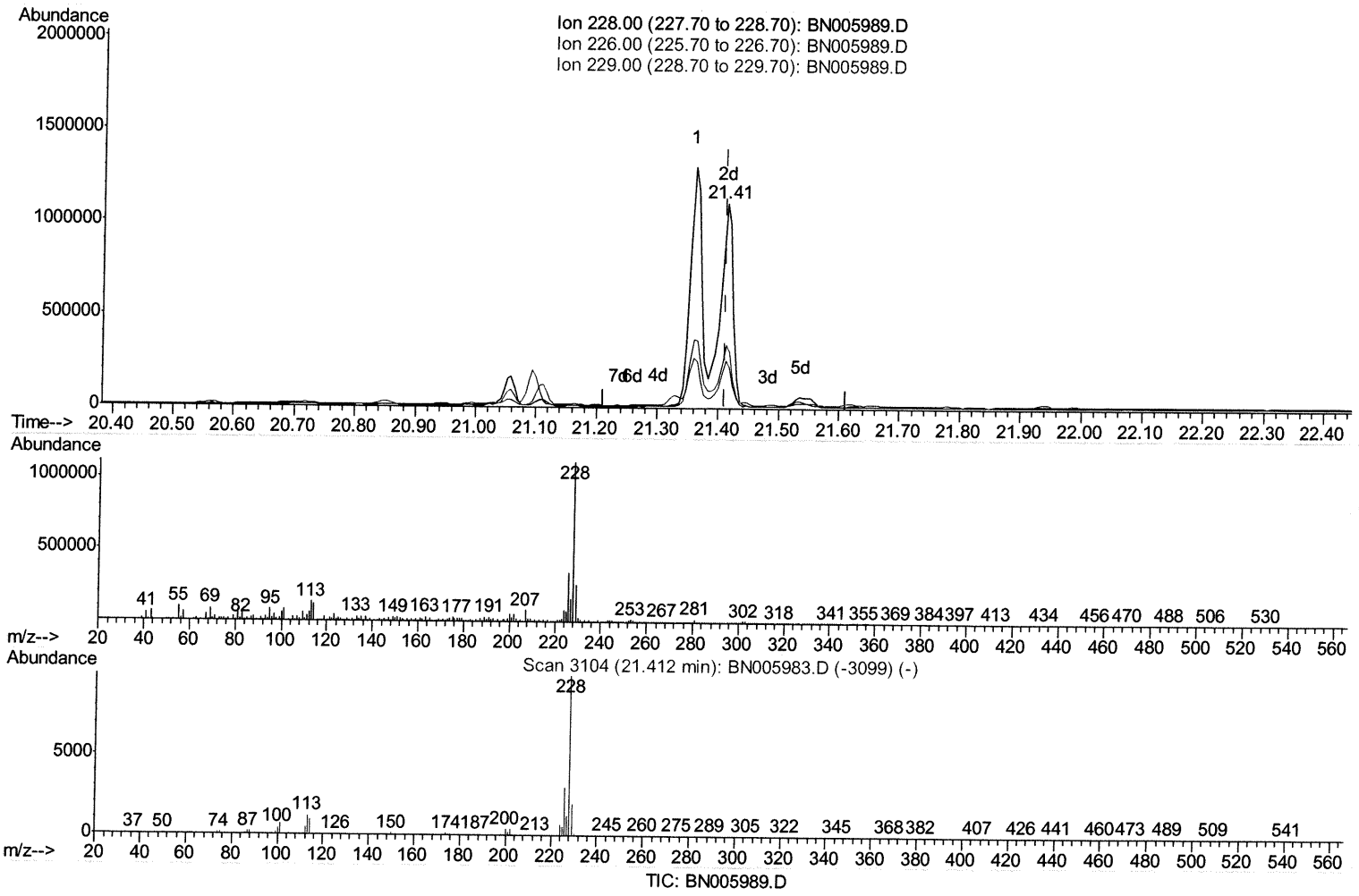
Quantitation Report (Qedit)

Data File : BN005989.D
Acq On : 31 May 2019 20:37
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 01 01:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F3

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:28 AM



TIC: BN005989.D

(84) Chrysene

21.412min (-0.000) 23.06ng/ul m JU 06/04/19

response 1590993

Ion	Exp%	Act%
228.00	100	100
226.00	30.00	31.03
229.00	19.20	23.29#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

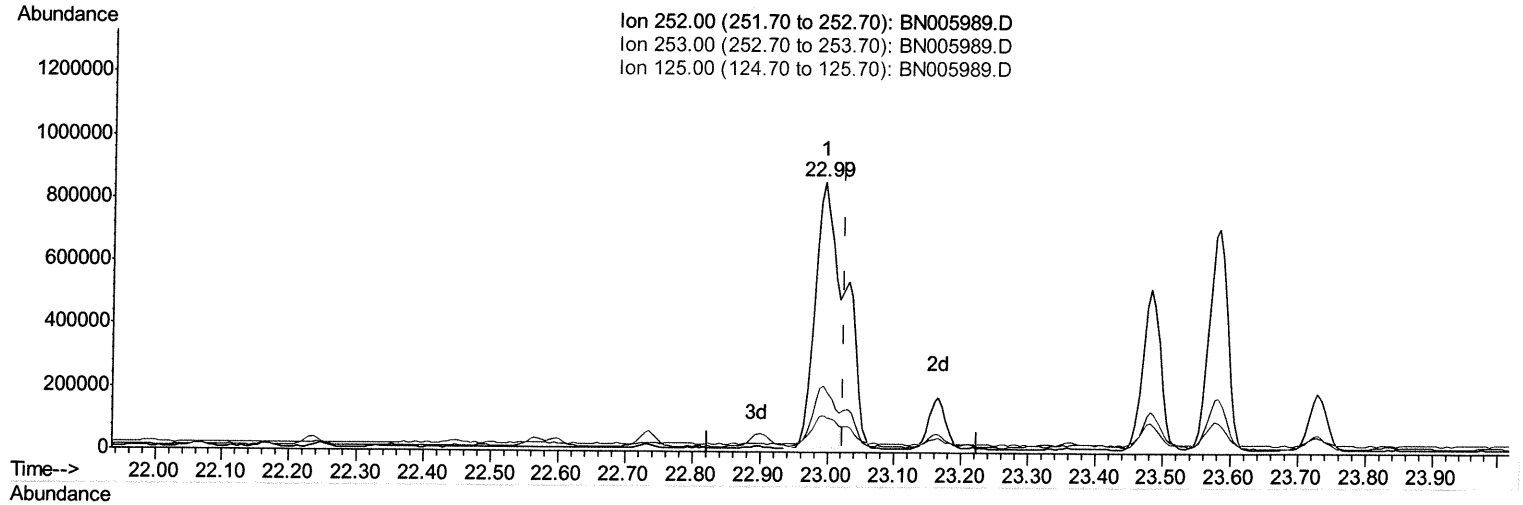
Quantitation Report (Qedit)

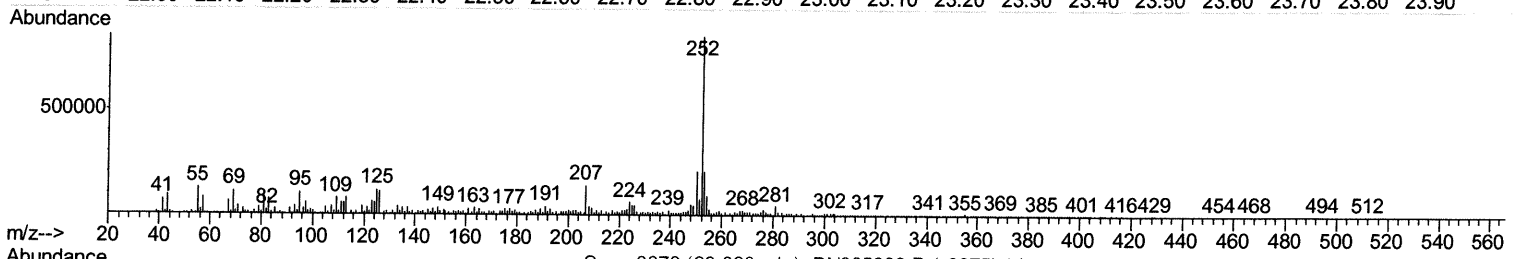
Data File : BN005989.D
Acq On : 31 May 2019 20:37
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 01 01:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

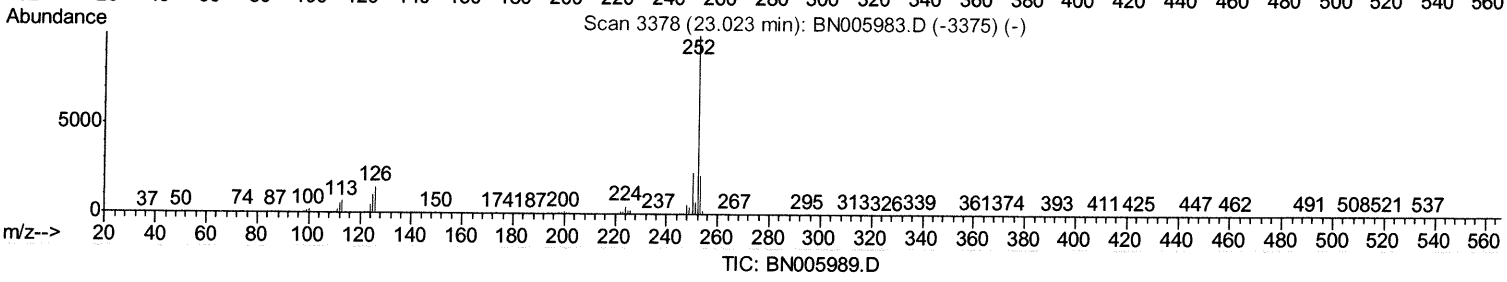
Instrument :
BNA_N
ClientSampleId :
A42F3

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:28 AM





Scan 3378 (23.023 min): BN005983.D (-3375) (-)



TIC: BN005989.D

(88) Benzo(k)fluoranthene

22.994min (-0.029) 25.80ng/ul

response 1885562

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	24.57
125.00	9.40	13.87#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN053119\

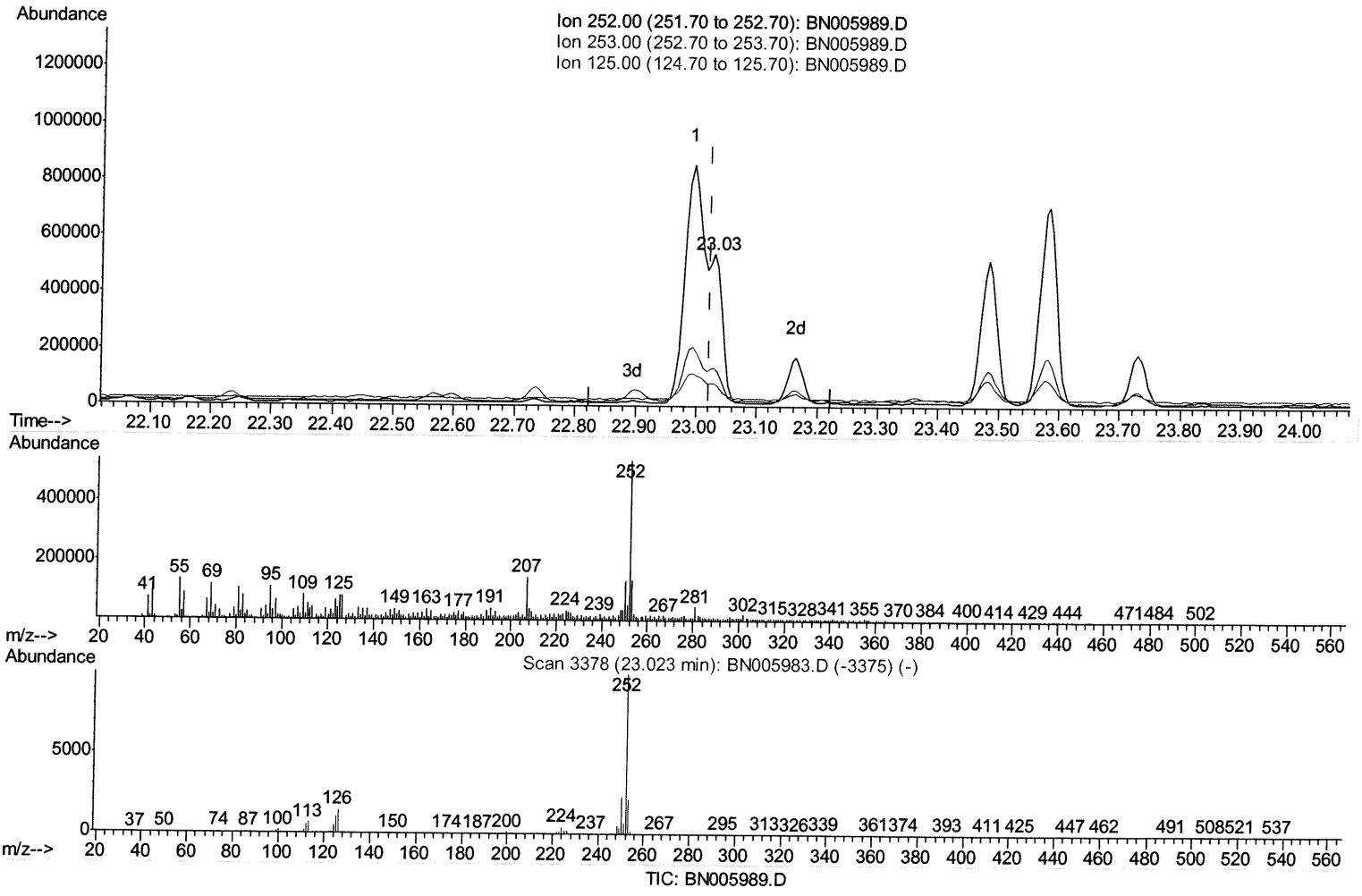
Quantitation Report (Qedit)

Data File : BN005989.D
Acq On : 31 May 2019 20:37
Operator : JU/SJ
Sample : K2923-22
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 01 01:53:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42F3

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:28 AM



(88) Benzo(k)fluoranthene

23.029min (+0.006) 10.48ng/ul m JU 06/04/19

response 766076

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.10
125.00	9.40	15.25#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053119\

Quantitation Report (QT/LSC Reviewed)

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Acq On : 31 May 2019 20:37
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Instrument : BNA_N
ClientSampleId : A42F3

Manual Integrations APPROVED
mohammad
6/5/2019 6:11:28 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	505652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	2112996	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.41	164	1070503	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1800074	20.00	ng/ul	0.00
77) Chrysene-d12	21.38	240	1176831	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	1415295	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	31133	2.71	ng/uL	0.01
5) Phenol-d5	6.92	99	730825	16.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	423678	16.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	607579	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	590367	16.32	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	302944	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	323853	25.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	615799	20.65	ng/ul	0.01
29) 4-Chloroaniline-d4	10.68	131	157496	4.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1724289	21.85	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2106179	21.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	176300	12.28	ng/ul	0.00
57) Fluorene-d10	15.40	176	1363429	20.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	44761	6.10	ng/ul	0.01
70) Anthracene-d10	17.26	188	1740528	22.72	ng/ul	0.00
78) Pyrene-d10	19.57	212	1520309	25.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.54	264	1422037	22.52	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.95	94	46342	1.004	ng/ul	96
44) Dimethylphthalate	13.86	163	651440	8.259	ng/ul	100
47) Acenaphthylene	14.13	152	345989	3.574	ng/ul	98
53) Dibenzofuran	14.81	168	195428	2.105	ng/ul	98
58) Fluorene	15.46	166	267843	3.673	ng/ul	97
69) Phenanthrene	17.21	178	4202102	47.116	ng/ul	99
71) Anthracene	17.29	178	806556	8.908	ng/ul	99
74) Carbazole	17.56	167	290732	3.564	ng/ul	99
76) Fluoranthene	19.24	202	4539694	47.681	ng/ul	97
79) Pyrene	19.60	202	3685433	49.437	ng/ul	97
82) Benzo(a)anthracene	21.36	228	1711298	23.132	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.29	149	87380	1.799	ng/ul#	94
84) Chrysene	21.41	228	1590993m	23.059	ng/ul	
87) Benzo(b)fluoranthene	22.99	252	1885562	23.720	ng/ul#	94
88) Benzo(k)fluoranthene	23.03	252	766076m	10.481	ng/ul	
90) Benzo(a)pyrene	23.58	252	1350905	18.021	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	26.01	276	922941	10.492	ng/ul	95
92) Dibenzo(a,h)anthracene	26.02	278	265337	3.623	ng/ul#	73
93) Benzo(g,h,i)perylene	26.73	276	750403	10.129	ng/ul	91

JU 06/04/19

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