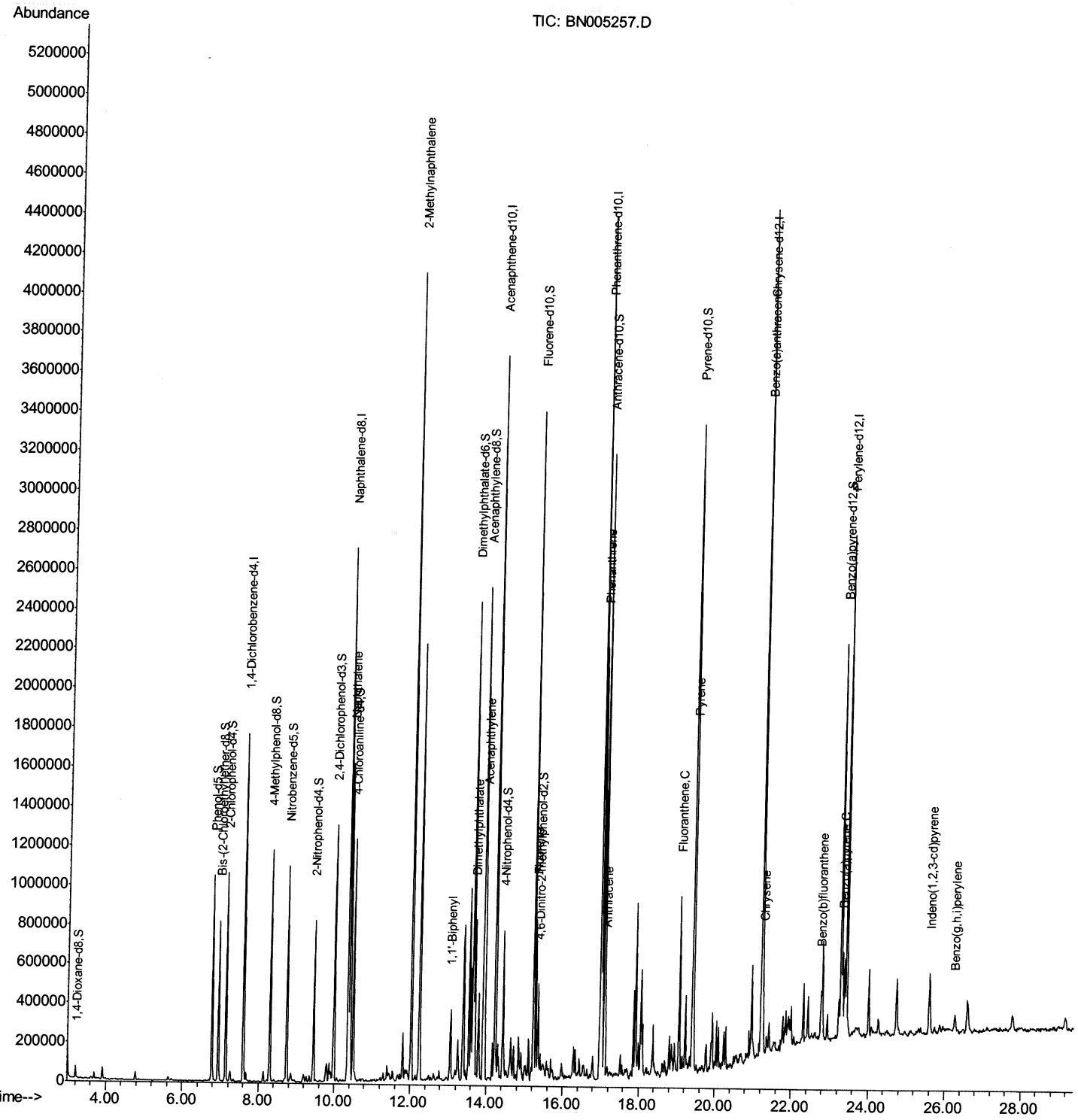
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005257.D
Acq On : 24 Apr 2019 19:18
Operator : JU/SJ
Sample : K2456-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 25 04:05:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHP5

Manual Integrations APPROVED
Sohil
4/25/2019 5:34:53 PM



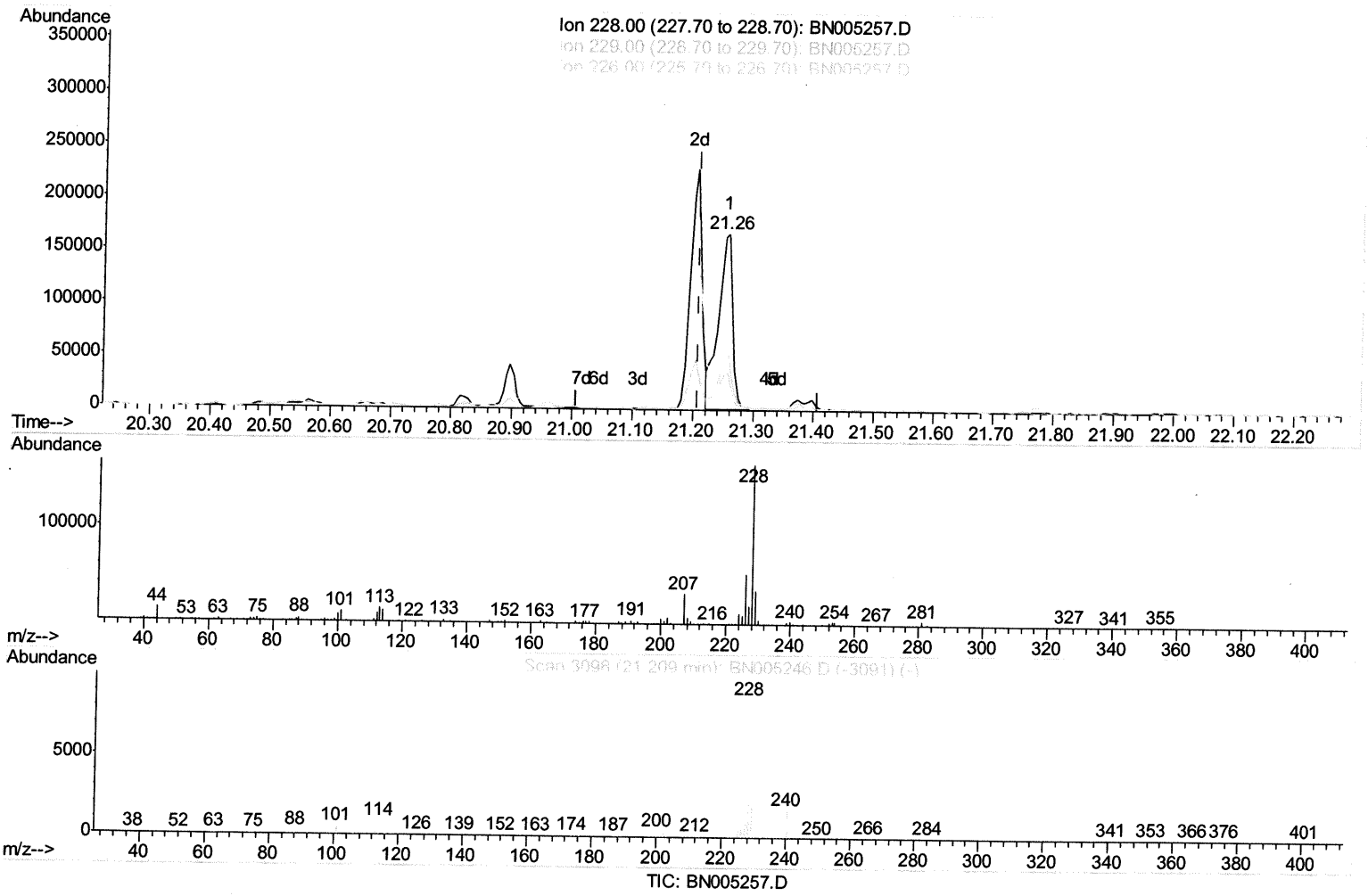
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005257.D
Acq On : 24 Apr 2019 19:18
Operator : JU/SJ
Sample : K2456-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 25 03:28:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHP5

Manual Integrations APPROVED
Sohil
4/25/2019 5:34:53 PM



(82) Benzo(a)anthracene

21.257min (+0.047) 2.51ng/ul

response 272009

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.17
226.00	26.80	31.66
0.00	0.00	0.00

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
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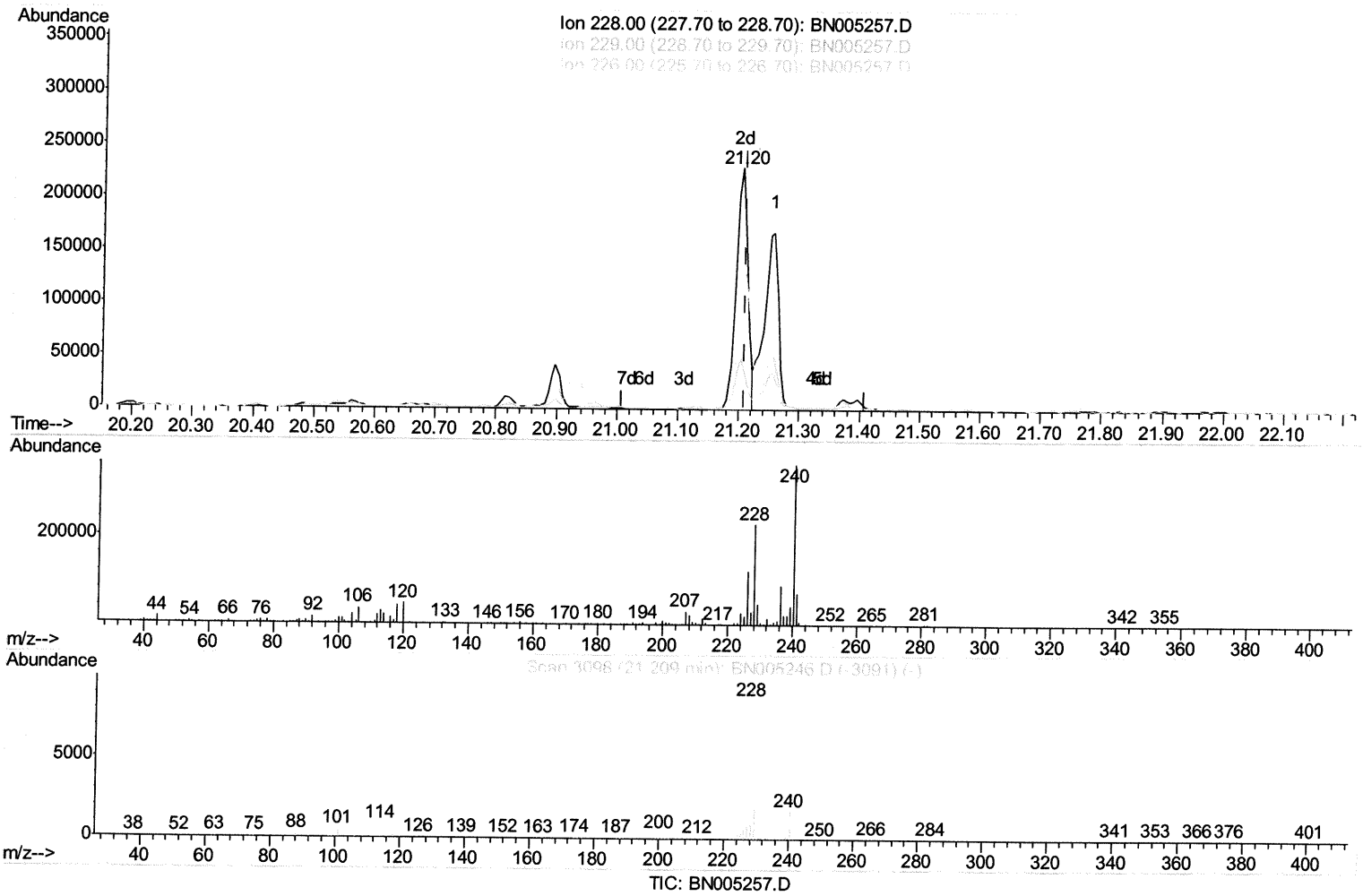
Acq On : 24 Apr 2019 19:18
Operator : JU/SJ
Sample : K2456-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 25 03:28:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHP5

Manual Integrations APPROVED
Sohil
4/25/2019 5:34:53 PM



(82) Benzo(a)anthracene

21.204min (-0.006) 2.80ng/ul m SS 05/03/19

response 304436

Ion	Exp%	Act%
228.00	100	100
229.00	19.70	21.03
226.00	26.80	53.40#
0.00	0.00	0.00

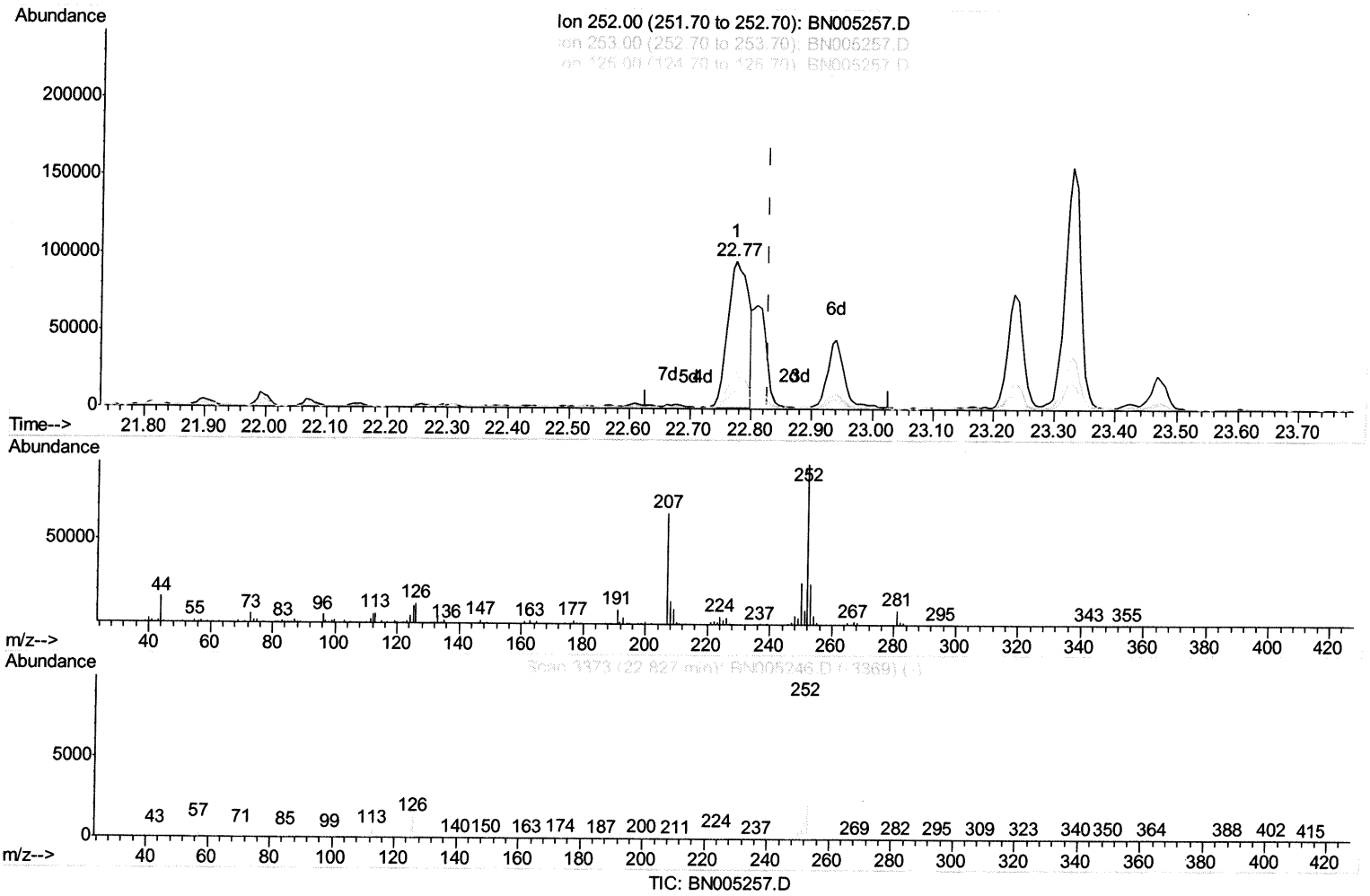
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005257.D
Acq On : 24 Apr 2019 19:18
Operator : JU/SJ
Sample : K2456-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Apr 25 03:28:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHP5

Manual Integrations APPROVED
Sohil
4/25/2019 5:34:53 PM



(88) Benzo(k)fluoranthene

22.774min (-0.053) 2.30ng/ul

response 224080

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	25.56
125.00	9.40	11.41#
0.00	0.00	0.00

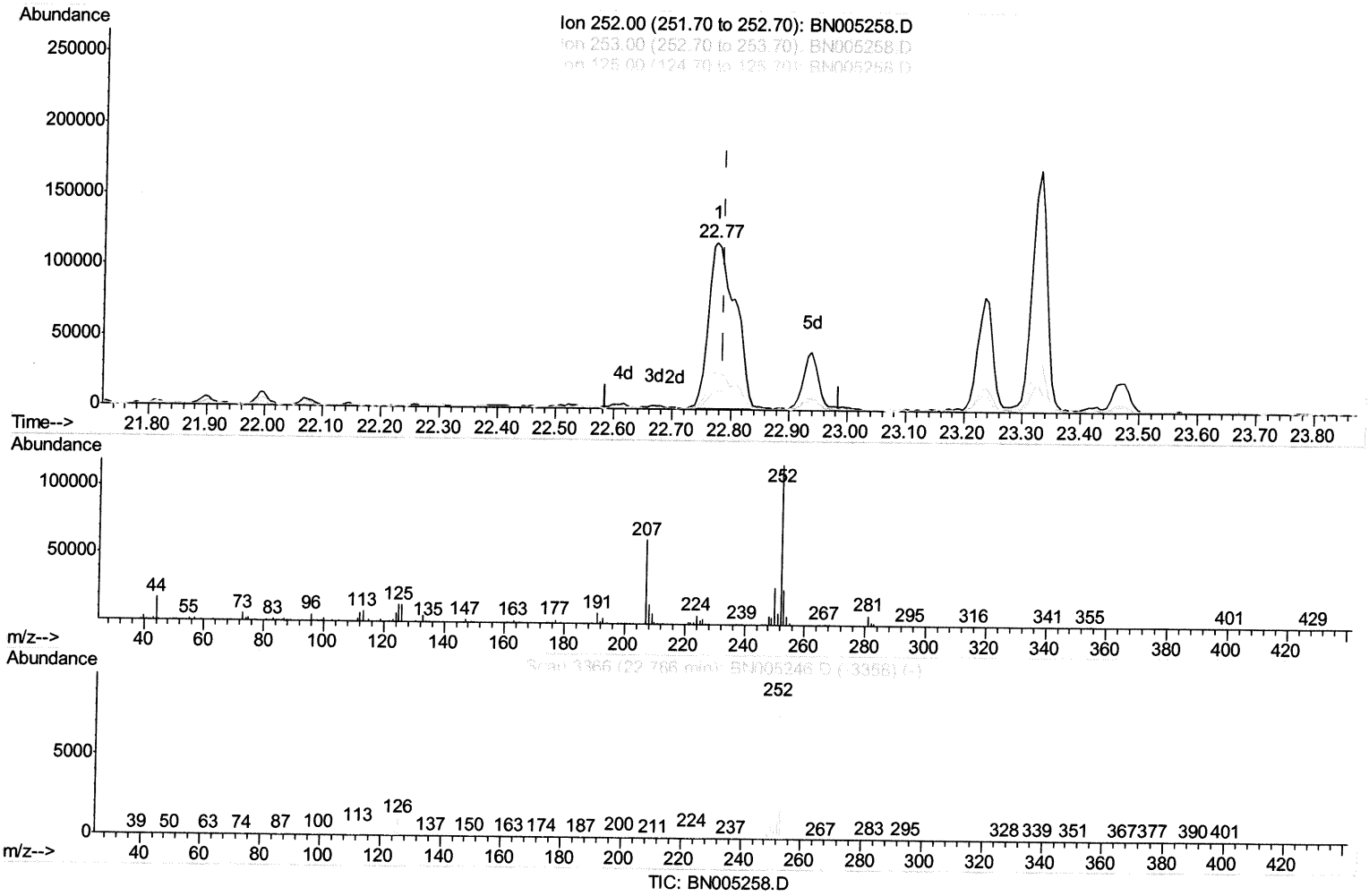
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005258.D
Acq On : 24 Apr 2019 19:52
Operator : JU/SJ
Sample : K2456-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 25 03:28:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GAHP5

Manual Integrations APPROVED
Sohil
4/25/2019 5:34:53 PM



(87) Benzo(b)fluoranthene

22.774min (-0.011) 3.82ng/ul

response 379626

Ion	Exp%	Act%
252.00	100	100
253.00	22.10	22.39
125.00	10.50	11.15
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : JU/SJ
Sample : K2456-07
Misc :
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Quant Time: Apr 25 04:05:58 2019
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : GAHP5

Manual Integrations APPROVED
Sohil
4/25/2019 5:34:53 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	463482	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2022025	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1190008	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2531854	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	1745377	20.00	ng/ul	-0.01
85) Perylene-d12	23.42	264	1811629	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	26514	2.76	ng/uL	0.00
5) Phenol-d5	6.78	99	558366	15.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	359088	15.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	449655	16.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	413830	14.54	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	229437	18.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	247657	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	462441	15.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	599419	20.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1511584	17.50	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1772414	16.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	170545	12.50	ng/ul	0.00
57) Fluorene-d10	15.23	176	1241216	17.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	97880	8.60	ng/ul	0.00
70) Anthracene-d10	17.08	188	1742713	16.42	ng/ul	0.00
78) Pyrene-d10	19.40	212	1694251	18.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1296578	16.38	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.40	128	1233308	13.120	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	1923140	27.941	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	146496	1.652	ng/ul	97
44) Dimethylphthalate	13.69	163	345840	4.018	ng/ul	98
47) Acenaphthylene	13.95	152	751236	7.205	ng/ul	98
58) Fluorene	15.28	166	369344	4.618	ng/ul	99
69) Phenanthrene	17.03	178	1321932	10.721	ng/ul	99
71) Anthracene	17.12	178	320216	2.549	ng/ul	99
76) Fluoranthene	19.06	202	509297	3.724	ng/ul	100
79) Pyrene	19.42	202	903083	8.036	ng/ul	97
82) Benzo(a)anthracene	21.20	228	304436m>	2.804	ng/ul → SJ05/02/19	
84) Chrysene	21.26	228	272009	2.699	ng/ul	96
87) Benzo(b)fluoranthene	22.77	252	224080	2.200	ng/ul	94
90) Benzo(a)pyrene	23.33	252	274760	2.870	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	118962	1.124	ng/ul	97
93) Benzo(g,h,i)perylene	26.26	276	93203	1.065	ng/ul	95

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