Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121319\

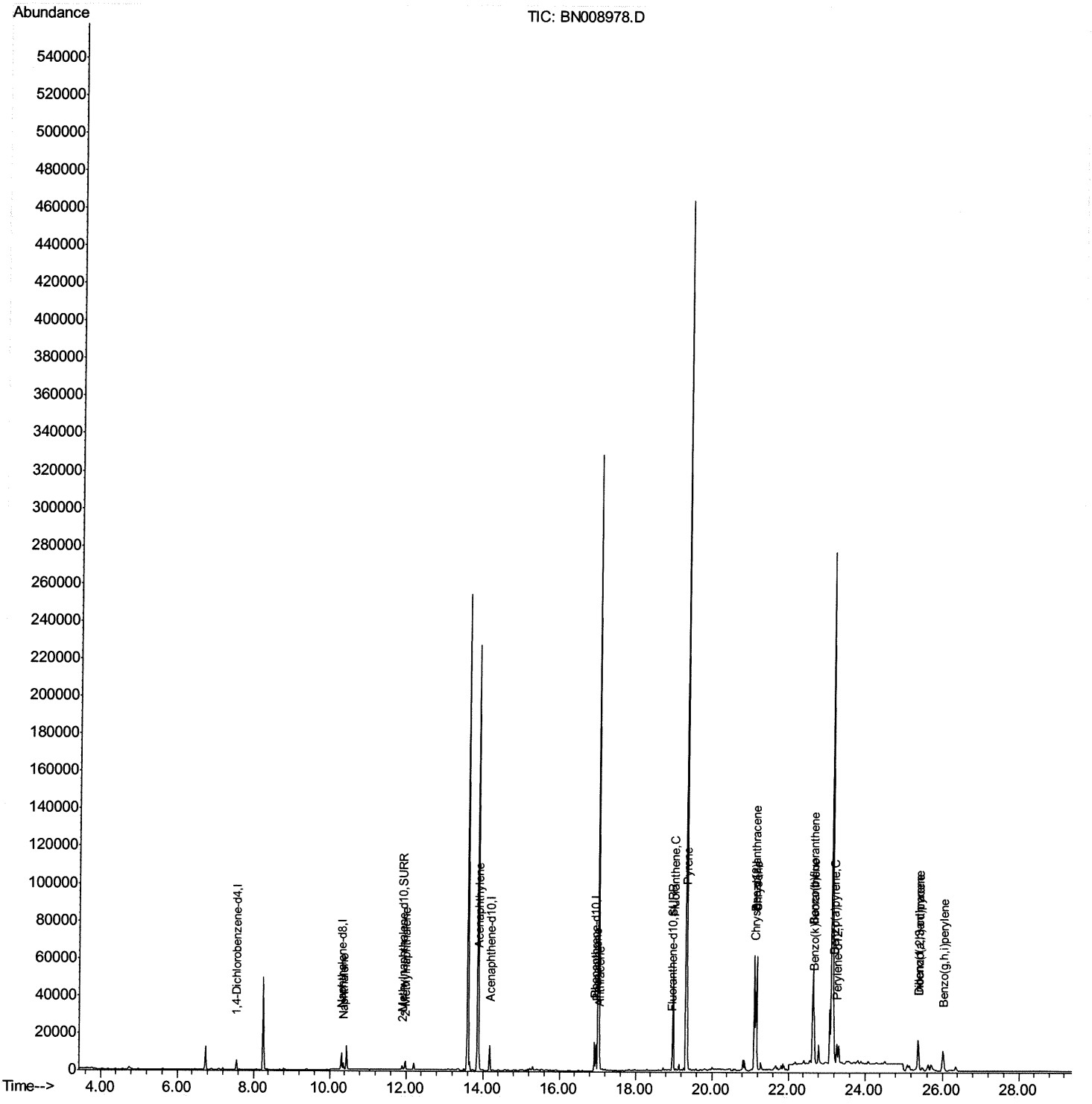
Quantitation Report (QT Reviewed)

Data File : BN008978.D
Acq On : 13 Dec 2019 21:58
Operator : JU
Sample : K6089-19DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 23:45:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BR5DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:13 PM



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121319\

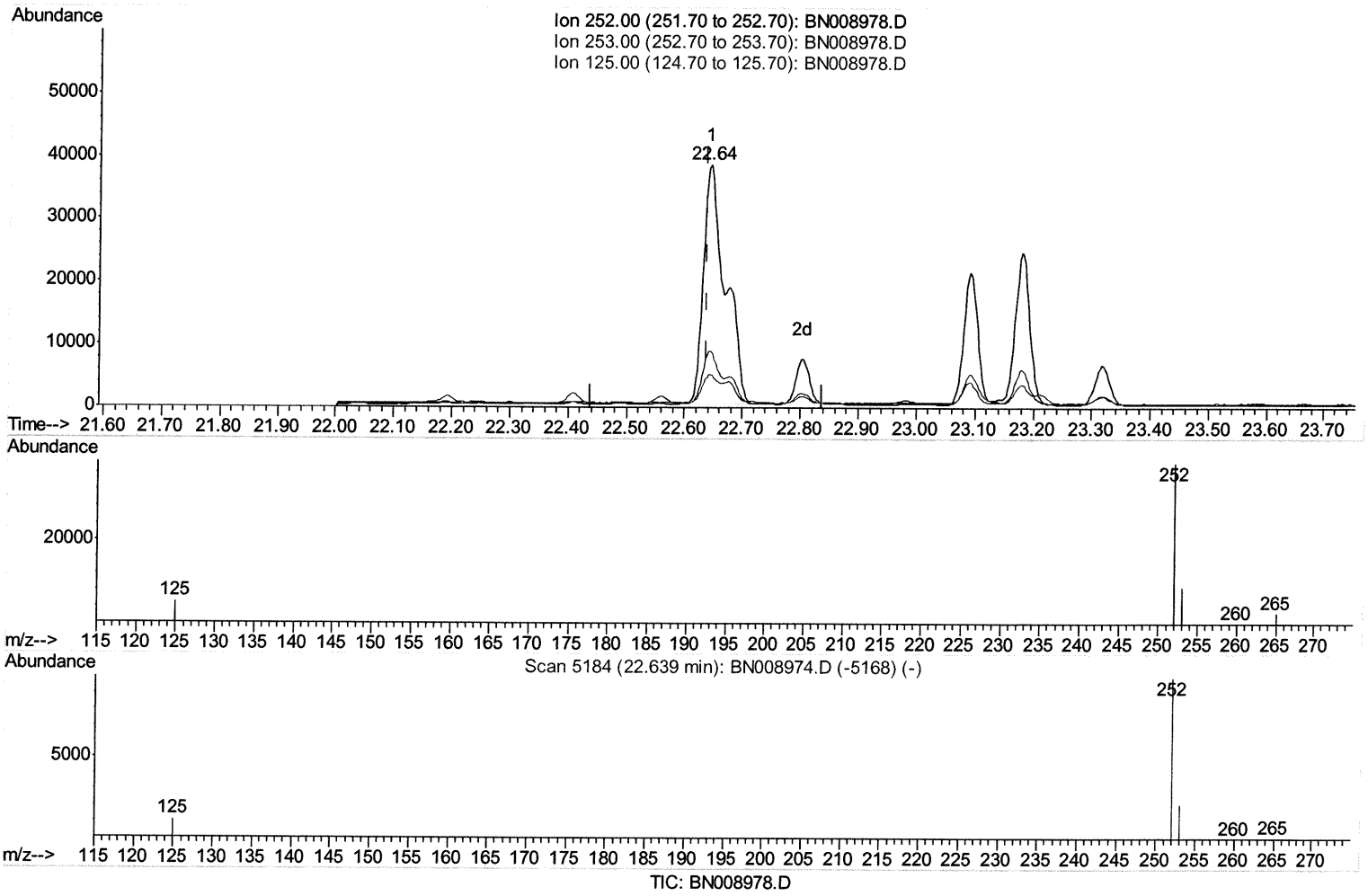
Quantitation Report (Qedit)

Data File : BN008978.D
Acq On : 13 Dec 2019 21:58
Operator : JU
Sample : K6089-19DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 23:25:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BR5DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:13 PM



(21) Benzo(b)fluoranthene

22.644min (+0.006) 2.06ng/ul

response 101207

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	23.19
125.00	15.80	13.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121319\

Quantitation Report (Qedit)

Data File : BN008978.D
Acq On : 13 Dec 2019 21:58
Operator : JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
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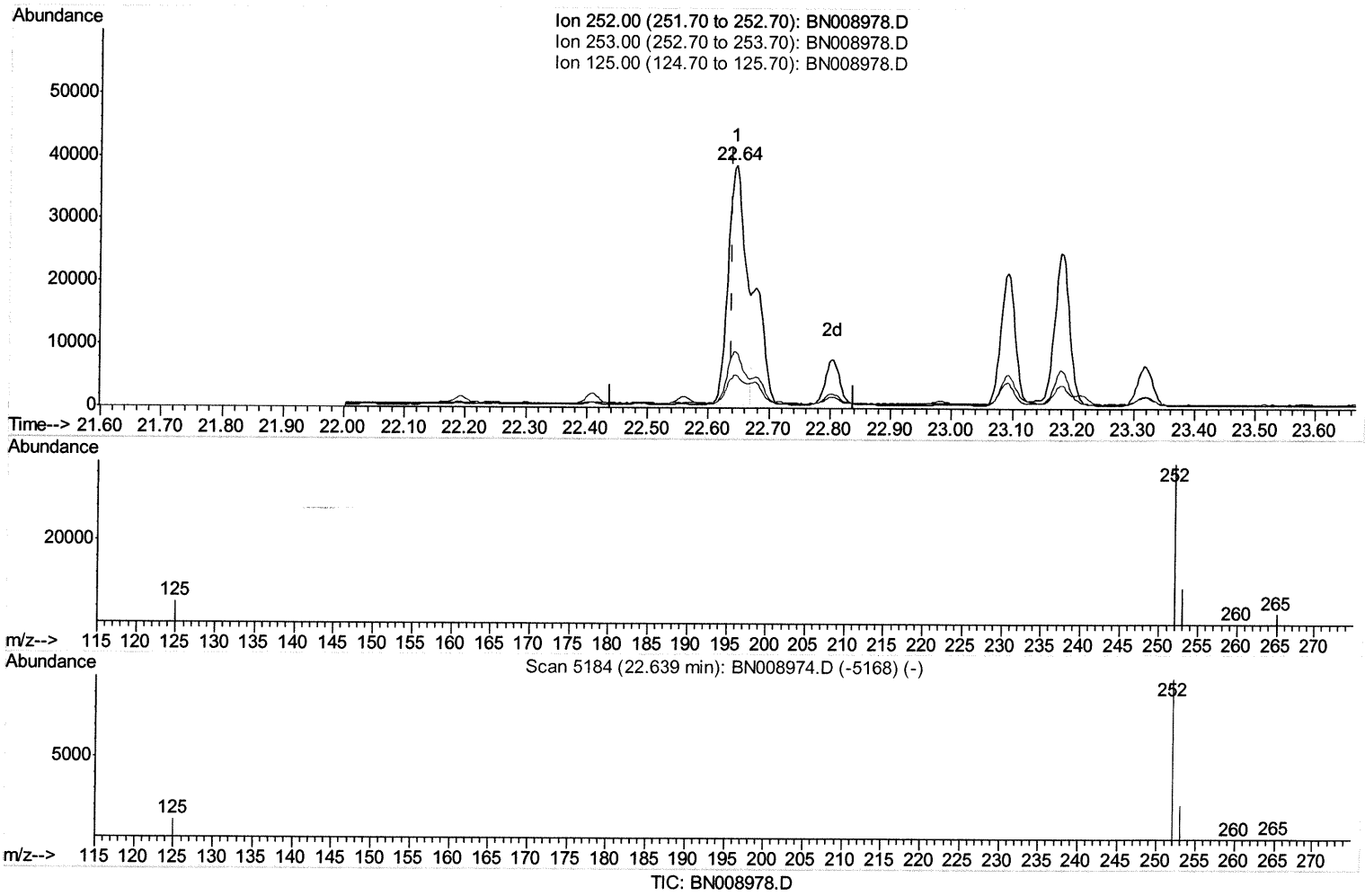
Instrument :
BNA_N
ClientSampleId :
C0BR5DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:13 PM



(21) Benzo(b)fluoranthene

22.644min (+0.006) 1.52ng/ul m JU 12/16/19

response 74585

Ion	Exp%	Act%
252.00	100	100
253.00	24.30	23.19
125.00	15.80	13.58
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121319\

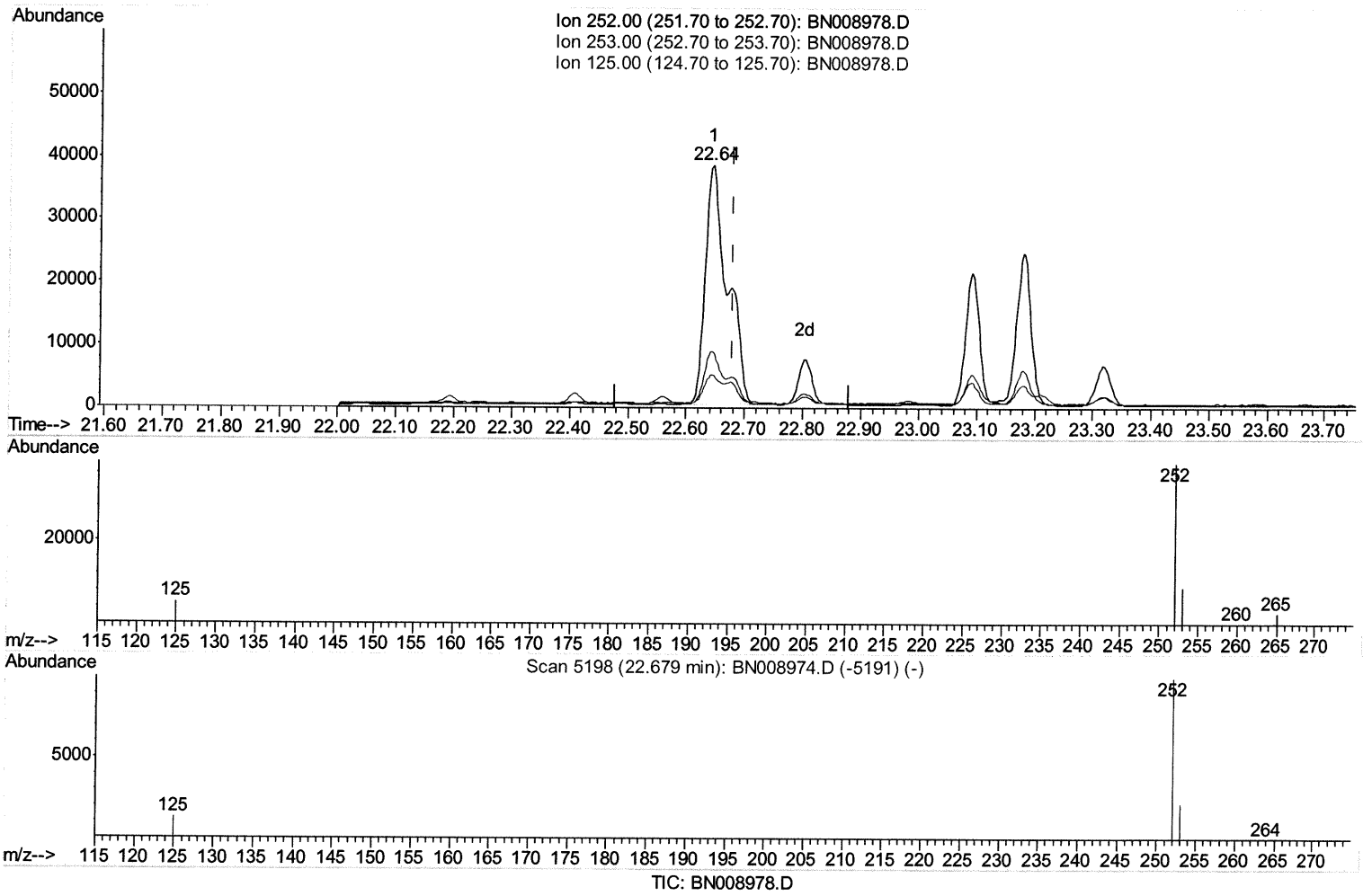
Quantitation Report (Qedit)

Data File : BN008978.D
Acq On : 13 Dec 2019 21:58
Operator : JU
Sample : K6089-19DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 23:25:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BR5DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:13 PM



(22) Benzo(k)fluoranthene

22.644min (-0.035) 2.08ng/ul

response 101207

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	23.19
125.00	17.20	13.58#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121319\

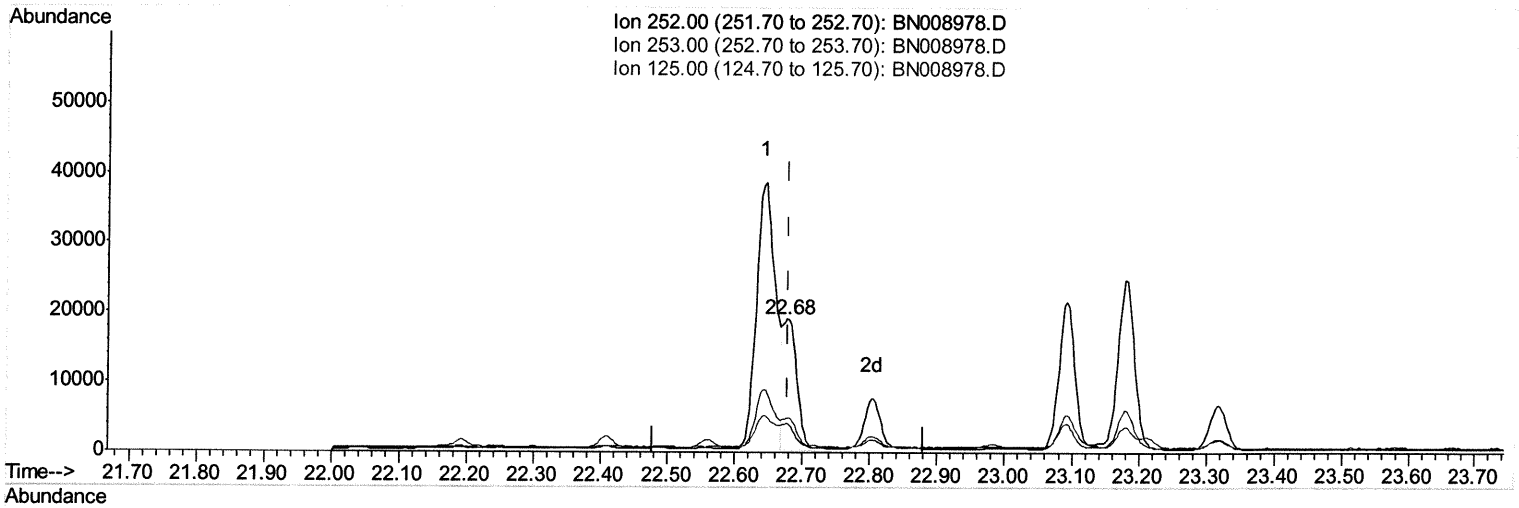
Quantitation Report (Qedit)

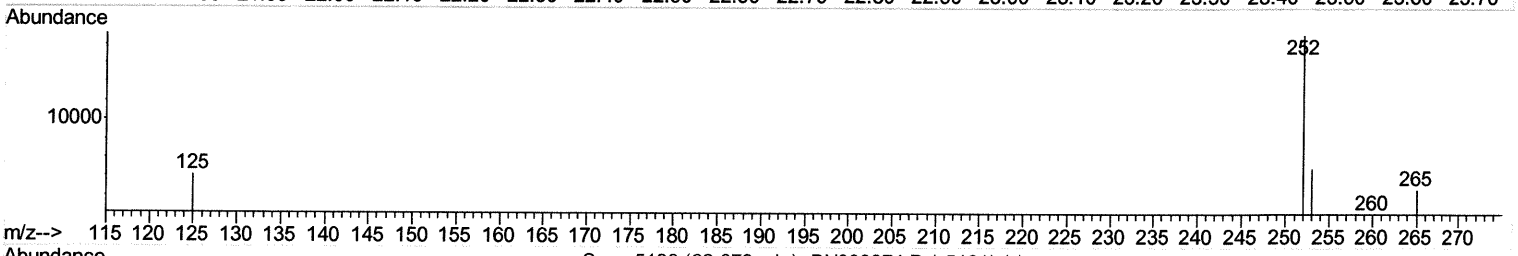
Data File : BN008978.D
Acq On : 13 Dec 2019 21:58
Operator : JU
Sample : K6089-19DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

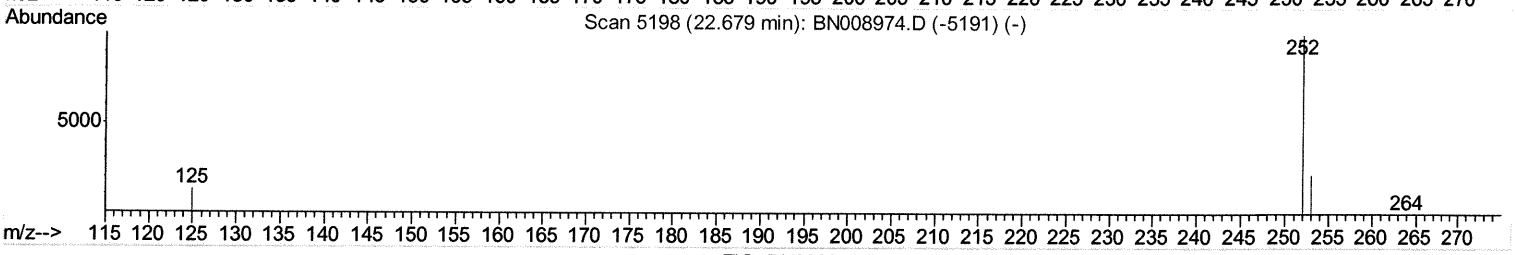
Quant Time: Dec 13 23:25:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BR5DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:13 PM







TIC: BN008978.D

(22) Benzo(k)fluoranthene

22.677min (-0.003) 0.57ng/ul m JU 12/16/19

response 27828

Ion	Exp%	Act%
252.00	100	100
253.00	24.50	26.01
125.00	17.20	21.70#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121319\

Quantitation Report (QT Reviewed)

Data File : BN008978.D
Acq On : 13 Dec 2019 21:58
Operator : JU
Sample : K6089-19DL 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 23:45:37 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 13 23:22:26 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BR5DL

Manual Integrations APPROVED
mohammad
12/16/2019 12:24:13 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	2485	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11036	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	7159	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.92	188	16453	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13813	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	11908	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.90	152	2626	0.15	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8069	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	4611	0.139	ng/ul	97
5) 2-Methylnaphthalene	11.98	142	3493	0.150	ng/ul	100
7) Acenaphthylene	13.89	152	8942	0.226	ng/ul	98
12) Phenanthrene	16.97	178	13877	0.250	ng/ul	99
13) Anthracene	17.06	178	6118	0.117	ng/ul	97
15) Fluoranthene	18.99	202	46812	0.687	ng/ul	100
17) Pyrene	19.35	202	45833	0.827	ng/ul	99
18) Benzo(a)anthracene	21.11	228	48653	0.876	ng/ul	94
19) Chrysene	21.17	228	60102	1.102	ng/ul	98
21) Benzo(b)fluoranthene	22.64	252	74585m	1.519	ng/ul	97
22) Benzo(k)fluoranthene	22.68	252	27828m	0.571	ng/ul	97
23) Benzo(a)pyrene	23.18	252	42075	0.913	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.38	276	23591	0.438	ng/ul#	92
25) Dibenzo(a,h)anthracene	25.39	278	6965	0.160	ng/ul#	88
26) Benzo(g,h,i)perylene	26.02	276	20260	0.449	ng/ul	99

JU 12/16/19

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