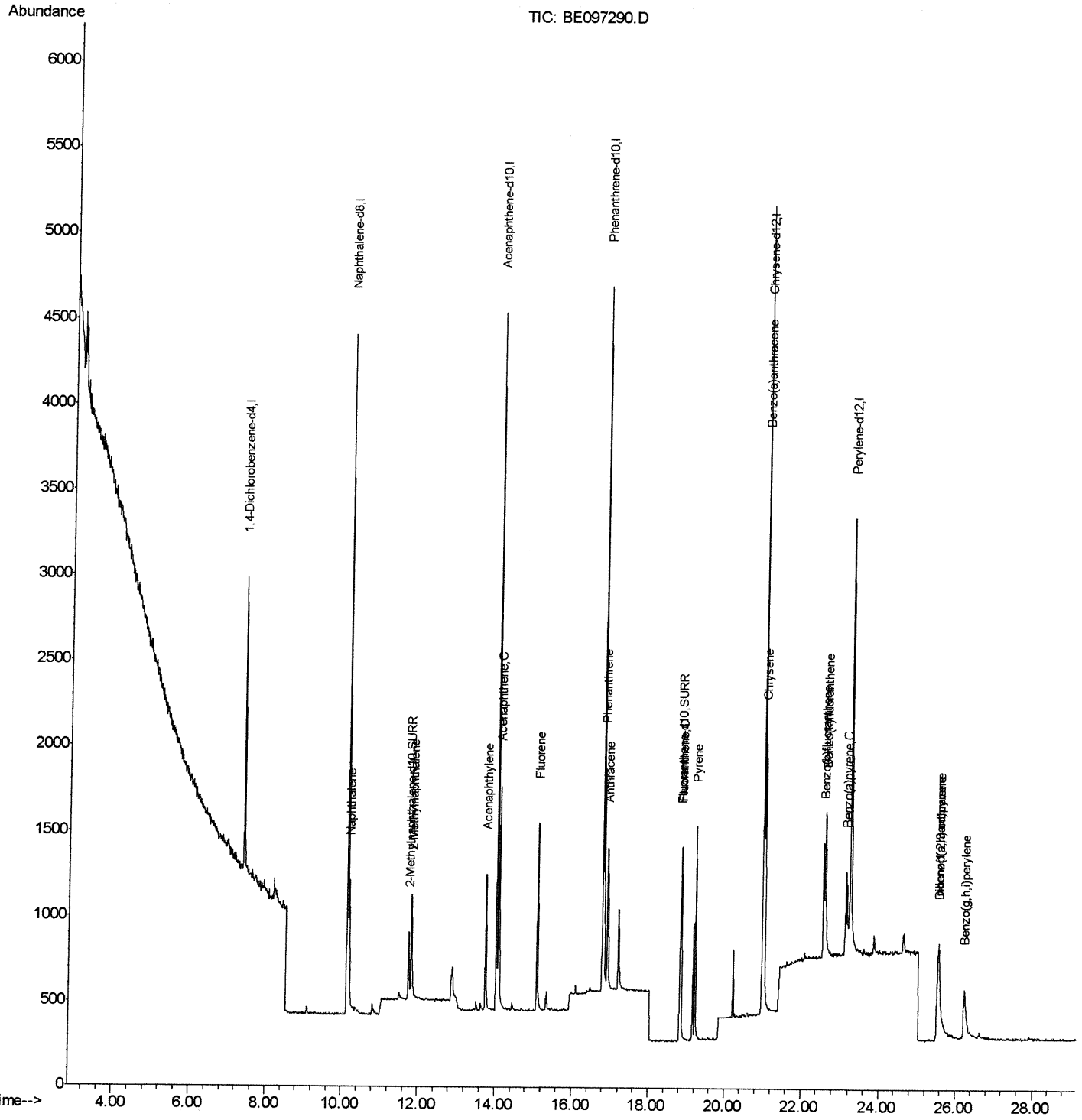
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097290.D
Acq On : 17 Aug 2018 10:22
Operator : SJ/JU
Sample : SSTD0.101
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 17 12:23:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.101

Manual Integrations APPROVED
Sohil
8/20/2018 4:15:28 PM



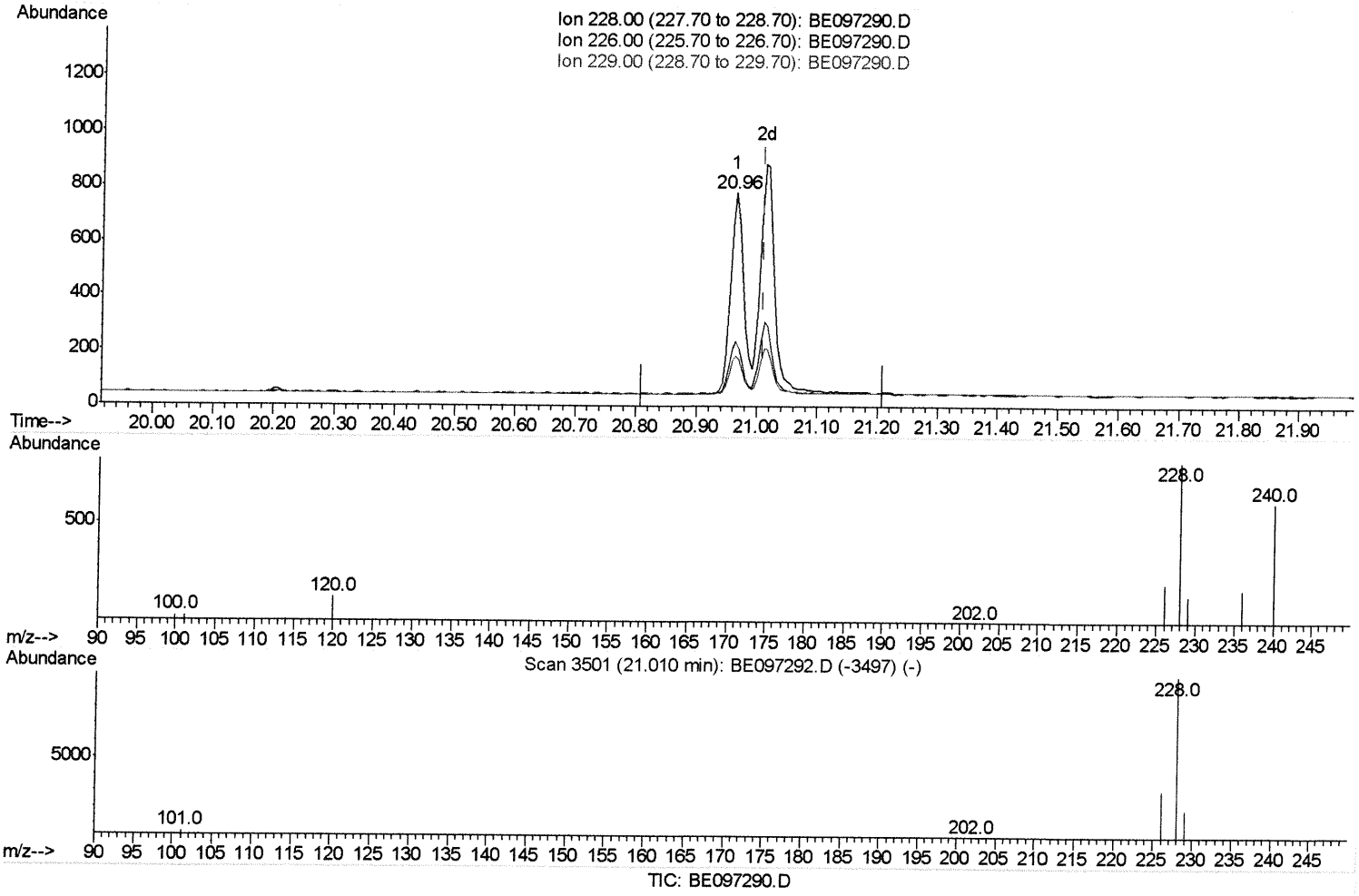
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097290.D
Acq On : 17 Aug 2018 10:22
Operator : SJ/JU
Sample : SSTD0.101
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 17 12:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.101

Manual Integrations APPROVED
Sohil
8/20/2018 4:15:28 PM



TIC: BE097290.D

(19) Chrysene

20.963min (-0.047) 0.08ng/ul

response 1081

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	30.37
229.00	22.10	23.81
0.00	0.00	0.00

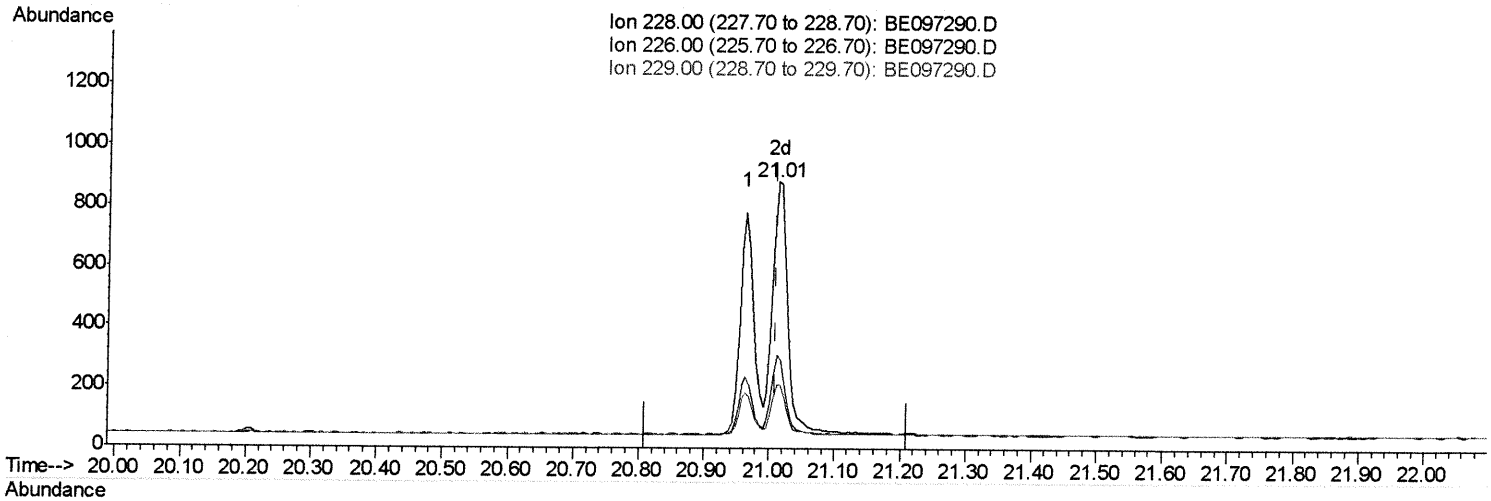
Quantitation Report (Qedit)

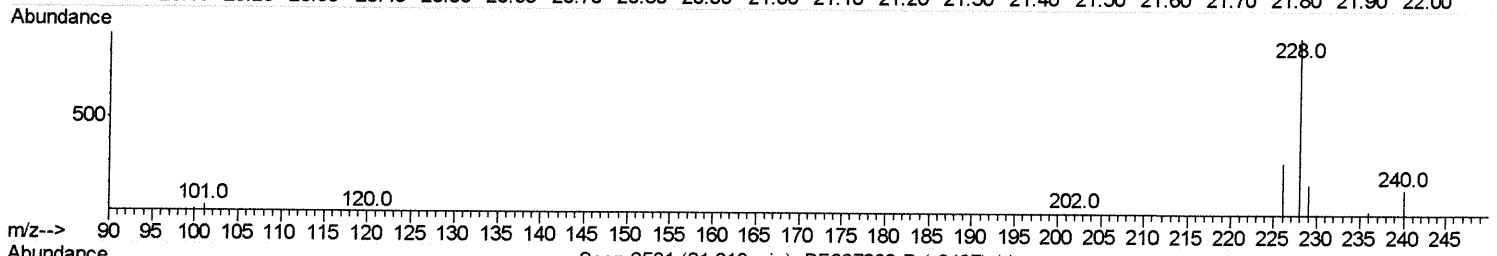
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097290.D
Acq On : 17 Aug 2018 10:22
Operator : SJ/JU
Sample : SSTD0.101
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 17 12:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

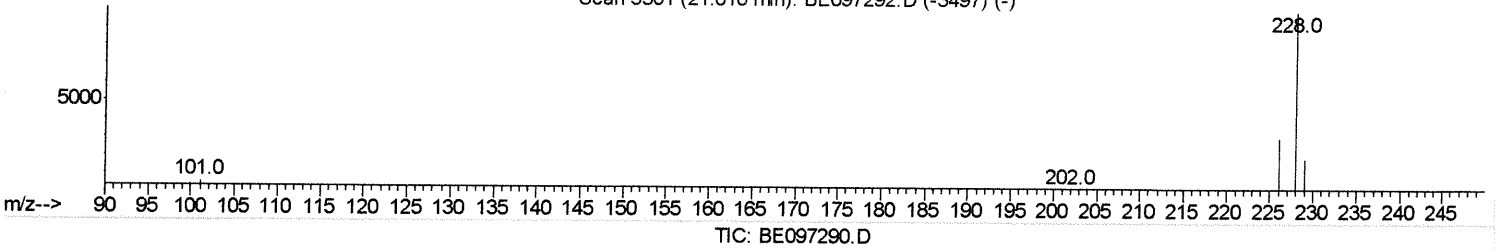
Instrument :
BNA_E
ClientSampleId :
SSTD0.101

Manual Integrations APPROVED
Sohil
8/20/2018 4:15:28 PM





Scan 3501 (21.010 min): BE097292.D (-3497) (-)



TIC: BE097290.D

(19) Chrysene

21.011min (+0.001) 0.10ng/ul m SJ 8/22/18

response 1351

Ion	Exp%	Act%
228.00	100	100
226.00	29.20	35.22#
229.00	22.10	24.12
0.00	0.00	0.00

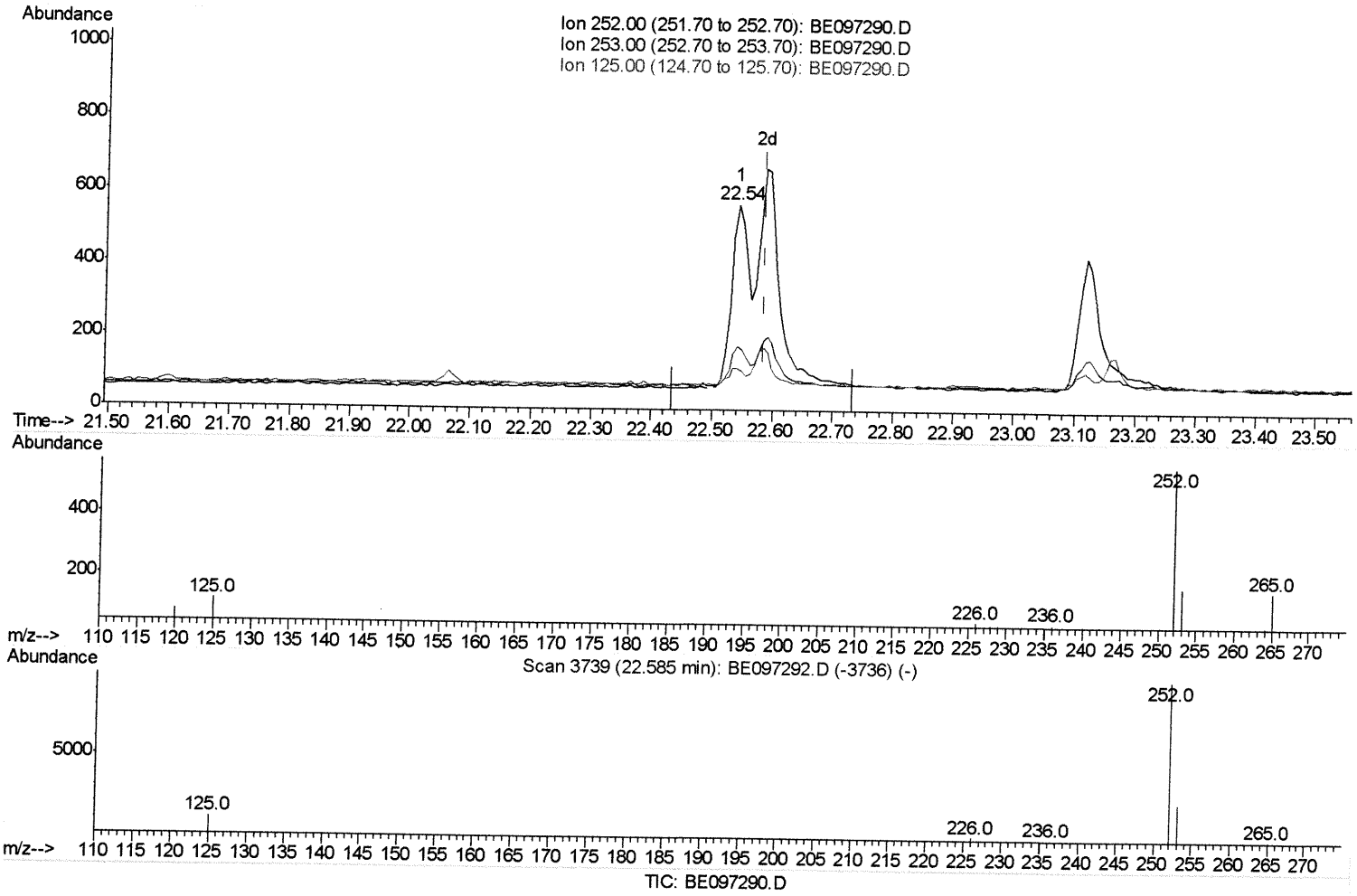
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097290.D
Acq On : 17 Aug 2018 10:22
Operator : SJ/JU
Sample : SSTD0.101
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 17 12:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.101

Manual Integrations APPROVED
Sohil
8/20/2018 4:15:28 PM



(22) Benzo(k)fluoranthene

22.541min (-0.044) 0.08ng/ul

response 979

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	30.92
125.00	17.10	20.49
0.00	0.00	0.00

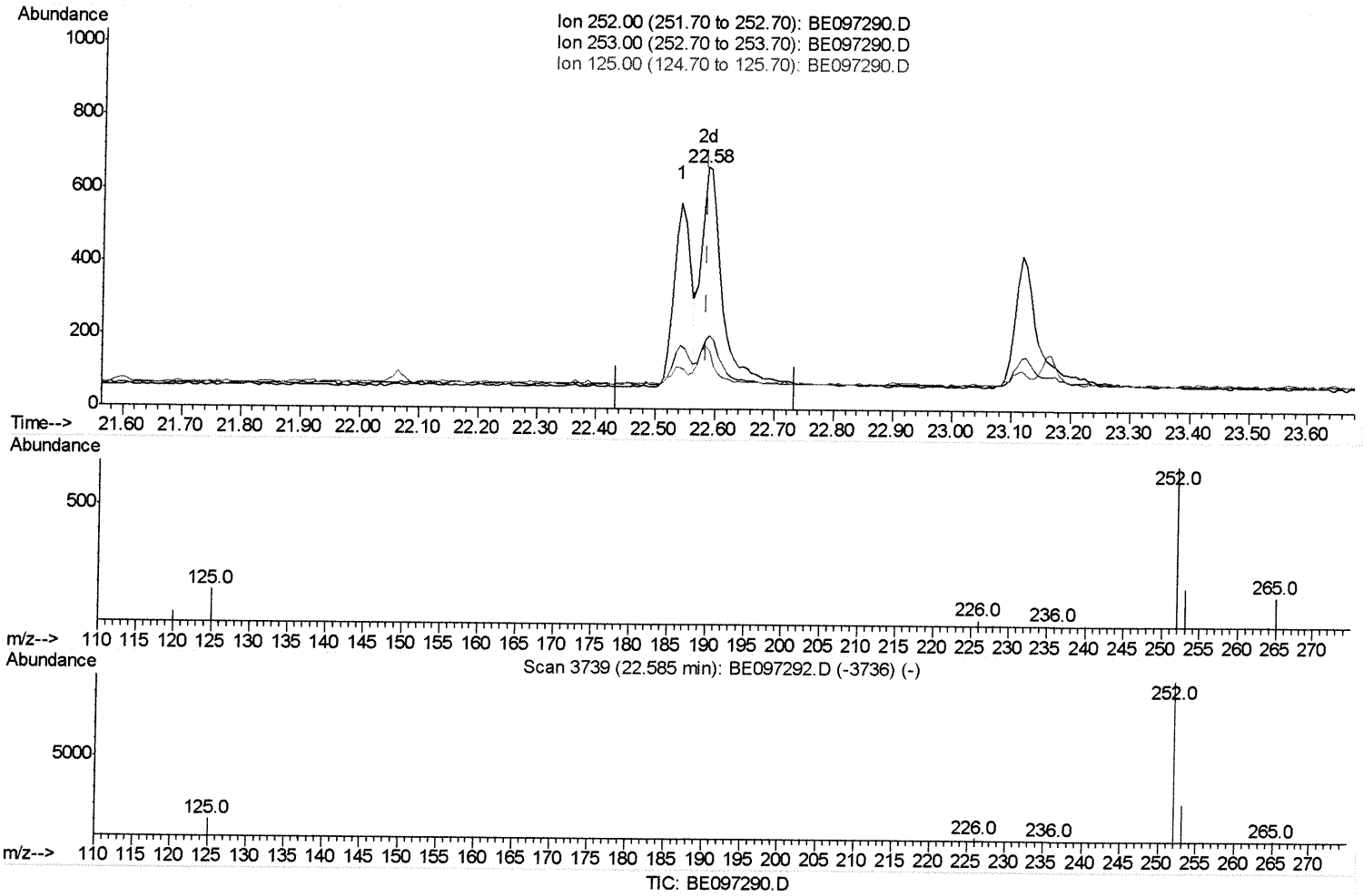
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097290.D
Acq On : 17 Aug 2018 10:22
Operator : SJ/JU
Sample : SSTD0.101
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 17 12:19:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTD0.101

Manual Integrations APPROVED
Sohil
8/20/2018 4:15:28 PM



TIC: BE097290.D

(22) Benzo(k)fluoranthene

22.583min (-0.001) 0.12ng/ul m SJ 8/22/18

response 1491

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.32
125.00	17.10	25.86#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Instrument : BNA_E
ClientSampleId : SSTD0.101

Manual Integrations APPROVED
Sohil
8/20/2018 4:15:28 PM

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE081718\
Data File : BE097290.D
Acq On : 17 Aug 2018 10:22
Operator : SJ/JU
Sample : SSTD0.101
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 17 12:23:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 12:19:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	918	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	4706	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	2448	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	5601	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	4547	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	4320	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	741	0.10	ng/ul	0.01
14) Fluoranthene-d10	18.81	212	1378	0.07	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	1146	0.101	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	684	0.091	ng/ul	99
7) Acenaphthylene	13.74	152	1094	0.103	ng/ul	93
8) Acenaphthene	14.09	153	777	0.102	ng/ul#	89
9) Fluorene	15.08	166	822	0.093	ng/ul	91
12) Phenanthrene	16.81	178	1402	0.098	ng/ul#	90
13) Anthracene	16.90	178	1075	0.081	ng/ul#	93
15) Fluoranthene	18.84	202	1373	0.073	ng/ul	86
17) Pyrene	19.21	202	1500	0.123	ng/ul#	86
18) Benzo(a)anthracene	20.96	228	1081	0.083	ng/ul#	87
19) Chrysene	21.01	228	1351m	0.101	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	979	0.083	ng/ul	96
22) Benzo(k)fluoranthene	22.58	252	1491m	0.117	ng/ul	
23) Benzo(a)pyrene	23.12	252	1005	0.085	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.54	276	1251	0.085	ng/ul#	78
25) Dibenzo(a,h)anthracene	25.55	278	974	0.081	ng/ul#	76
26) Benzo(g,h,i)perylene	26.22	276	1009	0.079	ng/ul#	82

SJ 8/22/18
SJ 8/22/18

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