

Instrument :

BNA E

ClientSampleId :

SSTD0.113

Manual Integrations

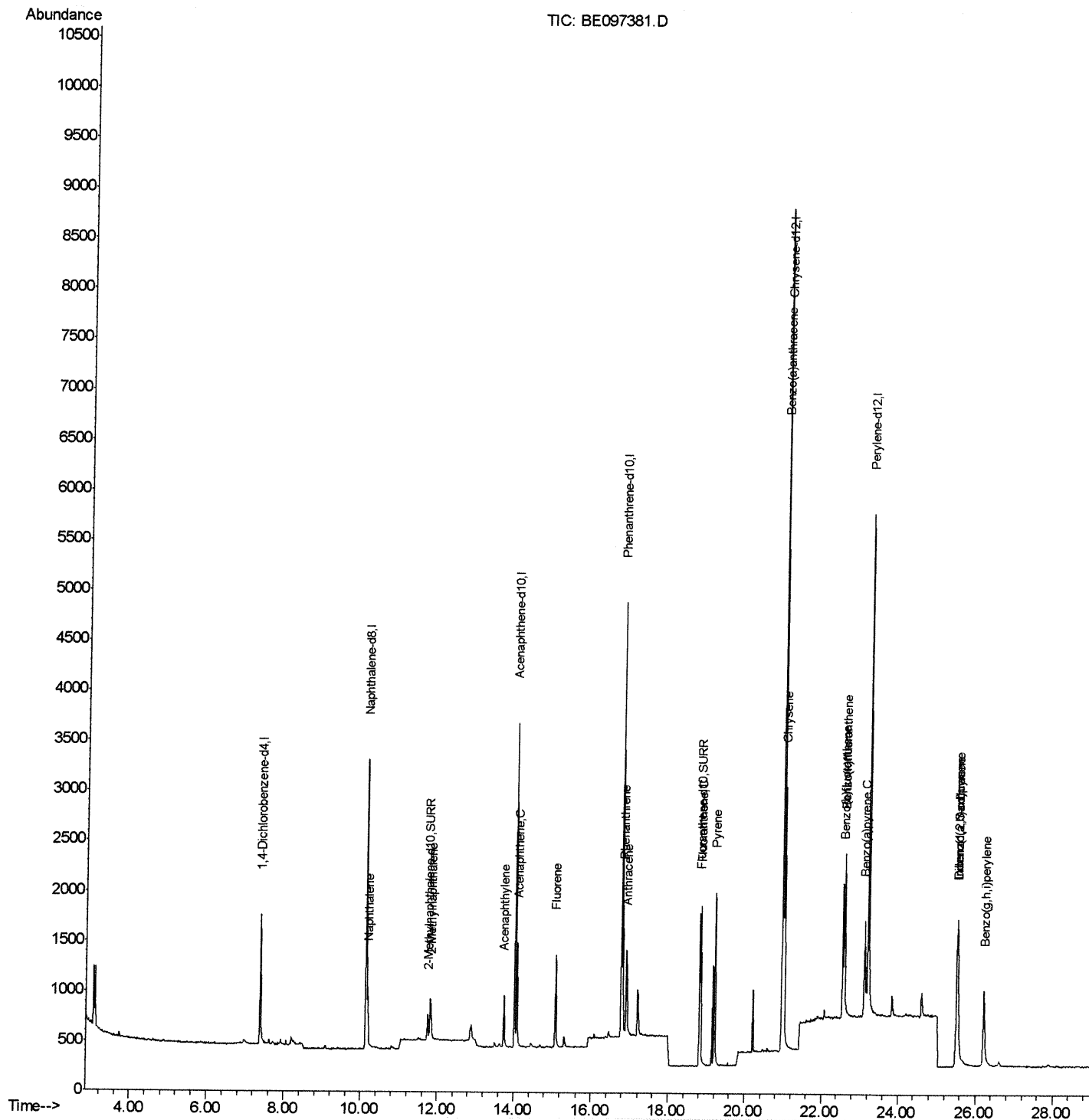
APPROVED

Sohil

8/30/2018 5:36:36 PM

```
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
Data File : BE097381.D
Acq On    : 29 Aug 2018    9:24
Operator  : SJ/JU
Sample    : SSTD0.113
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
```

Quant Time: Aug 29 13:17:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 29 13:07:59 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

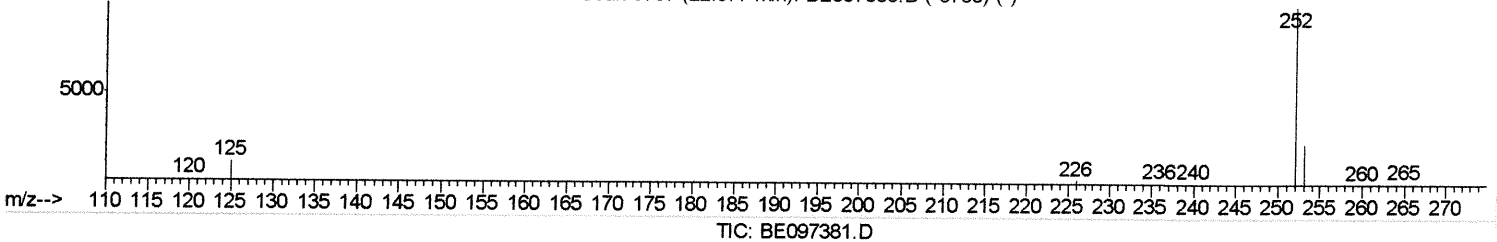
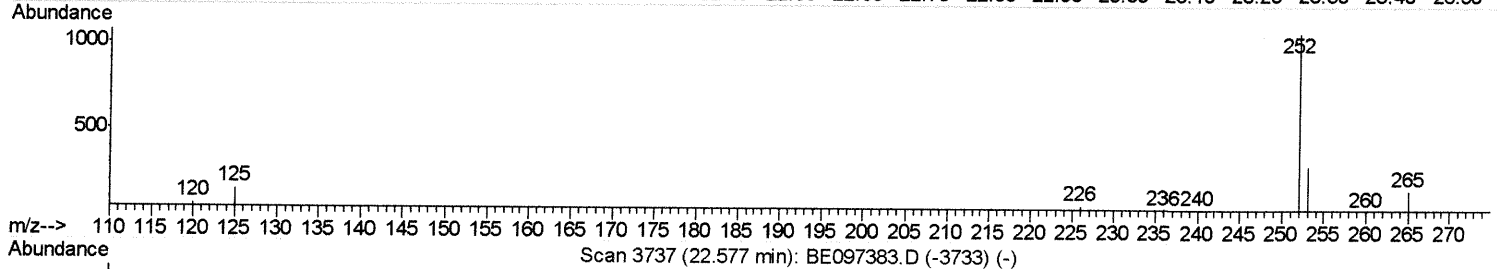
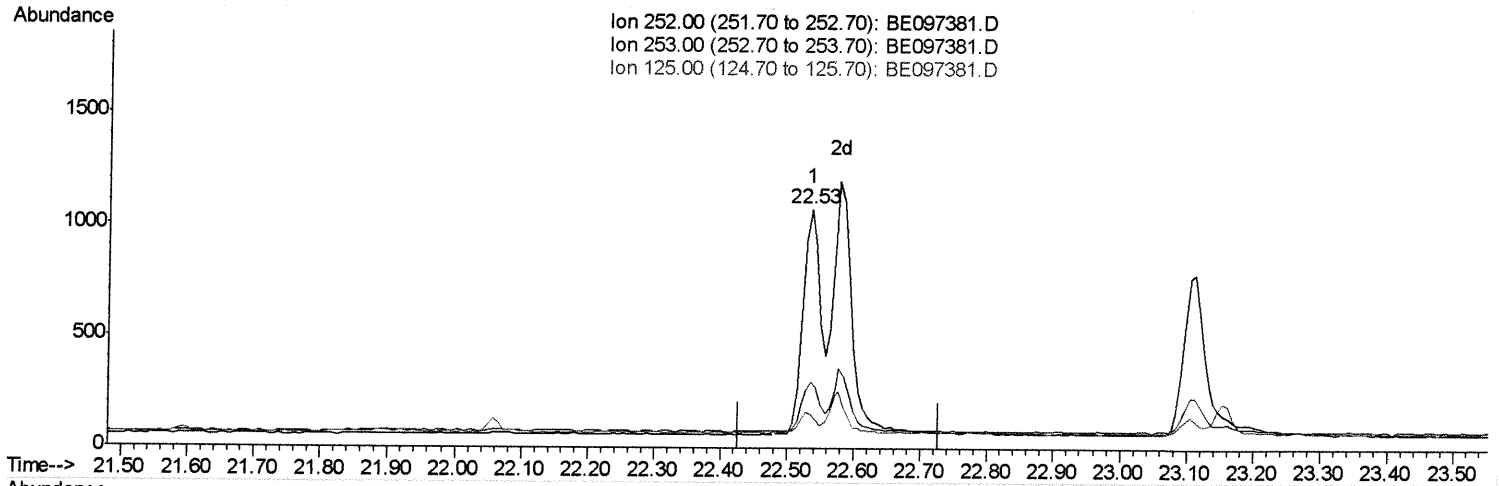
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097381.D
 Acq On : 29 Aug 2018 9:24
 Operator : SJ/JU
 Sample : SST0.113
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST0.113

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:36 PM

Quant Time: Aug 29 13:15:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:07:59 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene
 22.535min (-0.043) 0.07ng/ul
 response 1836

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	28.10
125.00	17.10	14.29
0.00	0.00	0.00

Quantitation Report (Qedit)

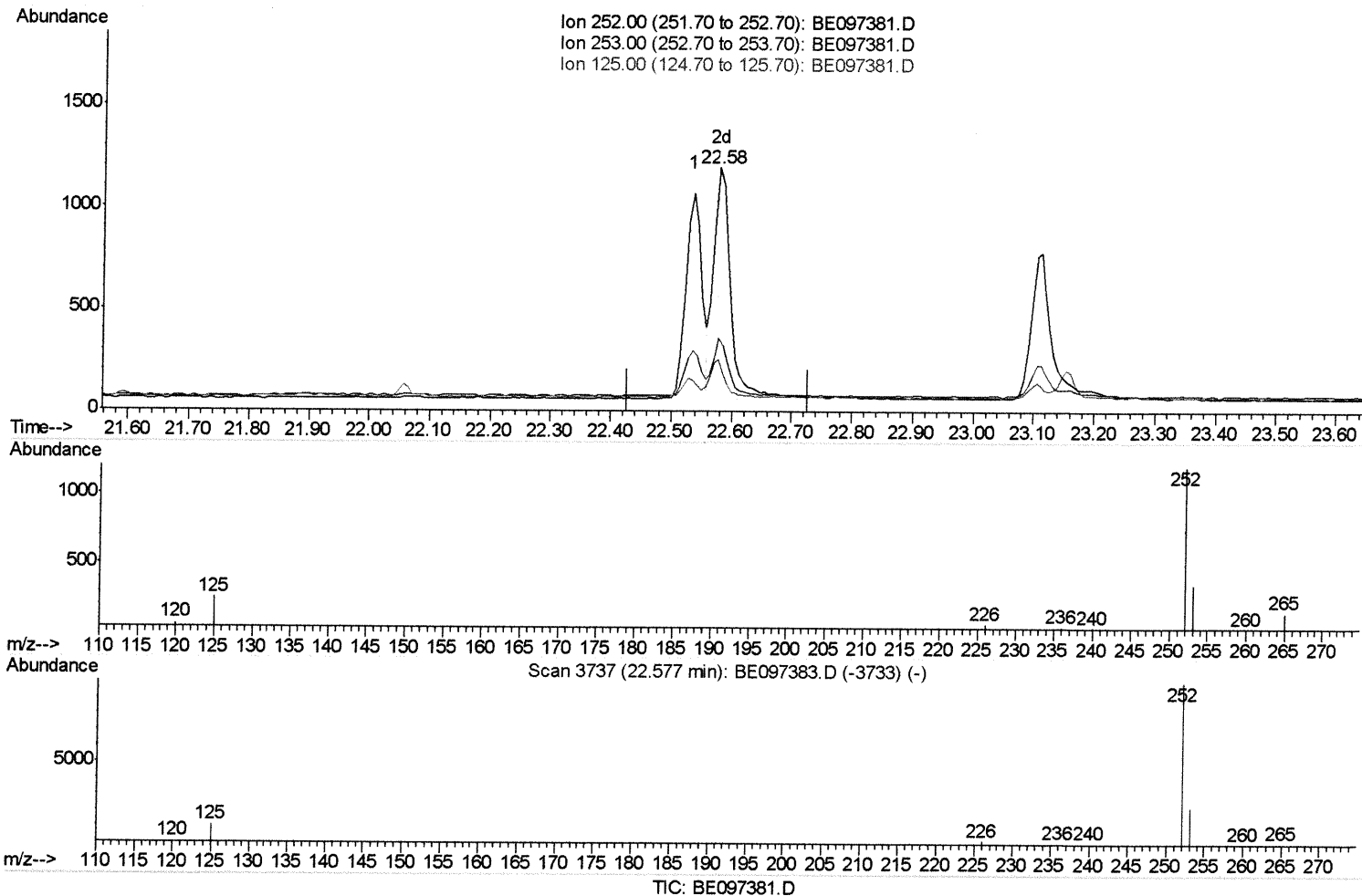
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097381.D
 Acq On : 29 Aug 2018 9:24
 Operator : SJ/JU
 Sample : SST0.113
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST0.113

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:36 PM

Quant Time: Aug 29 13:15:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:07:59 2018
 Response via : Initial Calibration



(22) Benzo(k)fluoranthene

22.577min (-0.000) 0.09ng/ul m

SJ 9/4/18

response 2182

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	29.82
125.00	17.10	21.44#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE082918\
 Data File : BE097381.D
 Acq On : 29 Aug 2018 9:24
 Operator : SJ/JU
 Sample : SST0.113
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SST0.113

Manual Integrations
 APPROVED

Sohil
 8/30/2018 5:36:36 PM

Quant Time: Aug 29 13:17:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 29 13:07:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	757	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	3677	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	2012	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	5943	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	7526	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	7525	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.73	152	536	0.09	ng/ul	0.01
14) Fluoranthene-d10	18.81	212	1953	0.12	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Naphthalene	10.18	128	902	0.101	ng/ul#	85
5) 2-Methylnaphthalene	11.81	142	528	0.091	ng/ul	98
7) Acenaphthylene	13.73	152	696	0.077	ng/ul#	85
8) Acenaphthene	14.07	153	631	0.096	ng/ul#	93
9) Fluorene	15.08	166	682	0.096	ng/ul#	92
12) Phenanthrene	16.81	178	1500	0.098	ng/ul#	91
13) Anthracene	16.90	178	1181	0.092	ng/ul#	91
15) Fluoranthene	18.84	202	1914	0.117	ng/ul	86
17) Pyrene	19.21	202	2192	0.096	ng/ul#	83
18) Benzo(a)anthracene	20.96	228	1881	0.101	ng/ul#	85
19) Chrysene	21.01	228	2260	0.101	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	1836	0.090	ng/ul	93
22) Benzo(k)fluoranthene	22.58	252	2182m	0.086	ng/ul	93
23) Benzo(a)pyrene	23.11	252	1775	0.094	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.51	276	2340	0.100	ng/ul#	77
25) Dibenzo(a,h)anthracene	25.53	278	1958	0.103	ng/ul#	94
26) Benzo(g,h,i)perylene	26.20	276	1983	0.106	ng/ul	93

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

SJ 9/4/18