Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

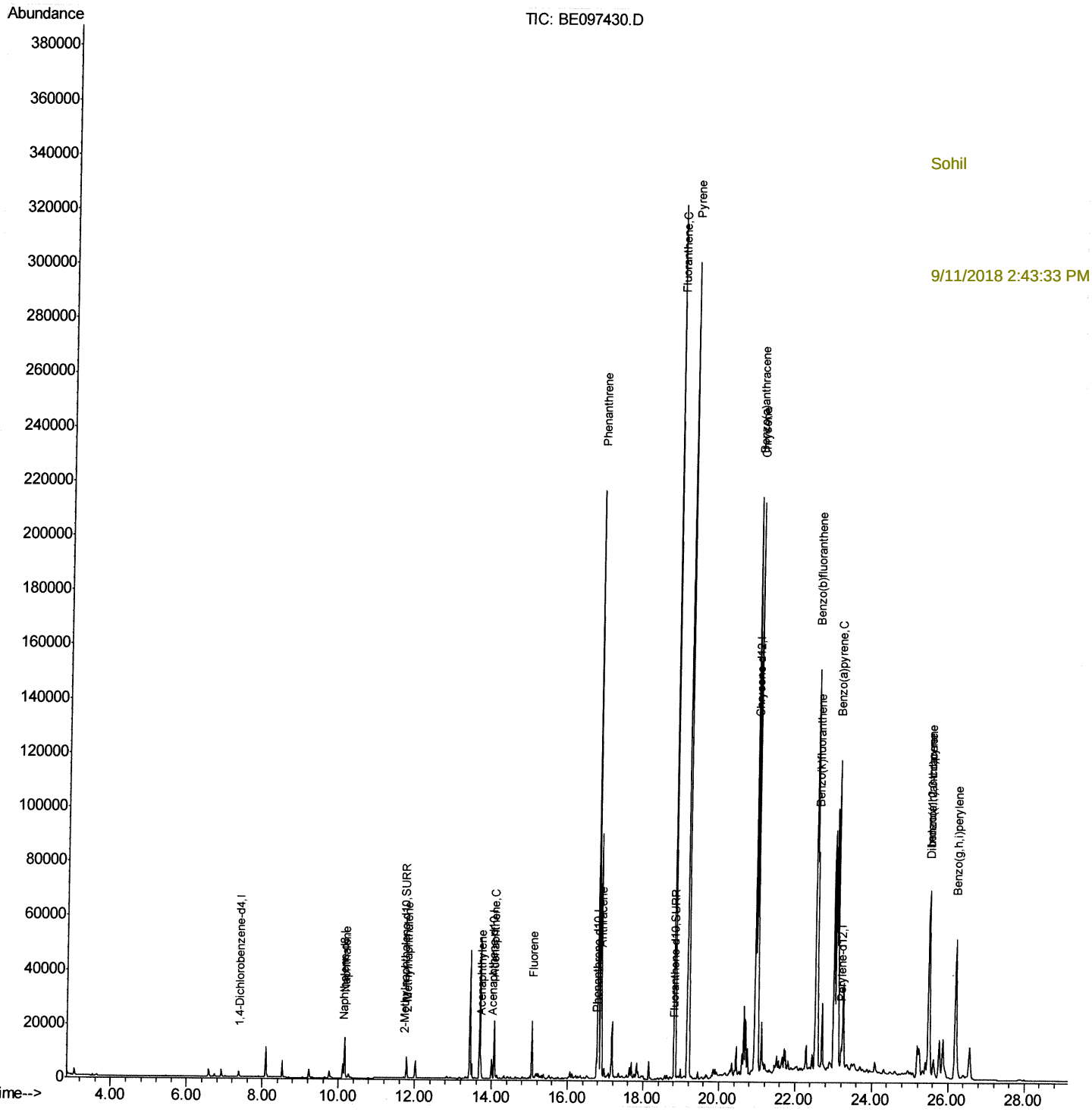
Quant Time: Sep 08 03:00:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED

Sohil

9/11/2018 2:43:33 PM



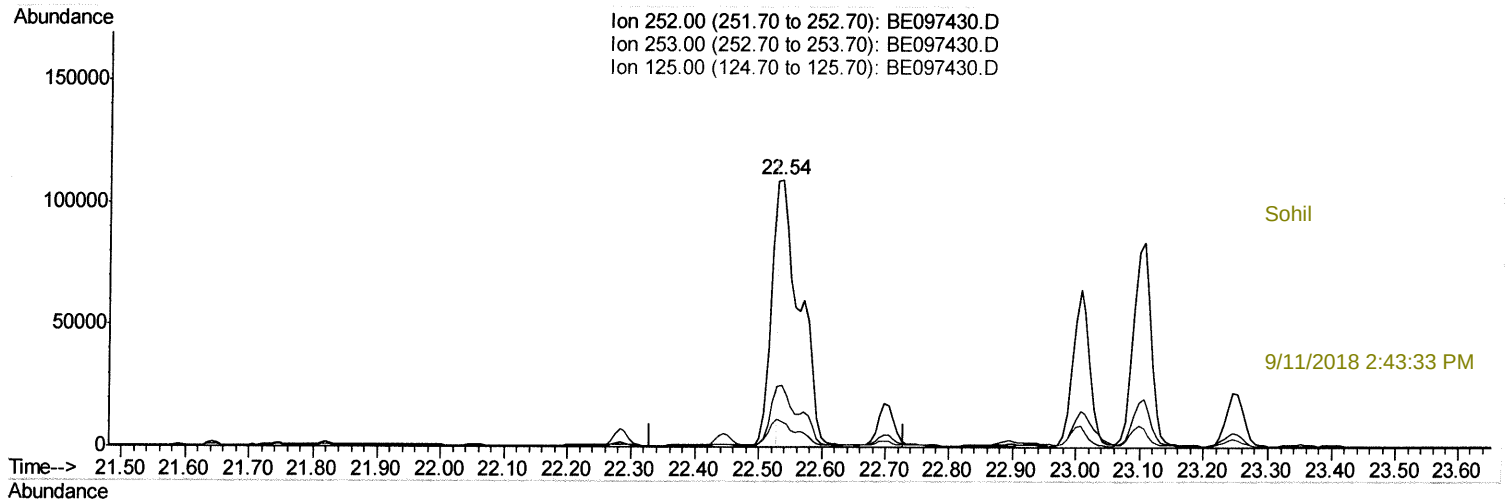
Quantitation Report (Qedit)

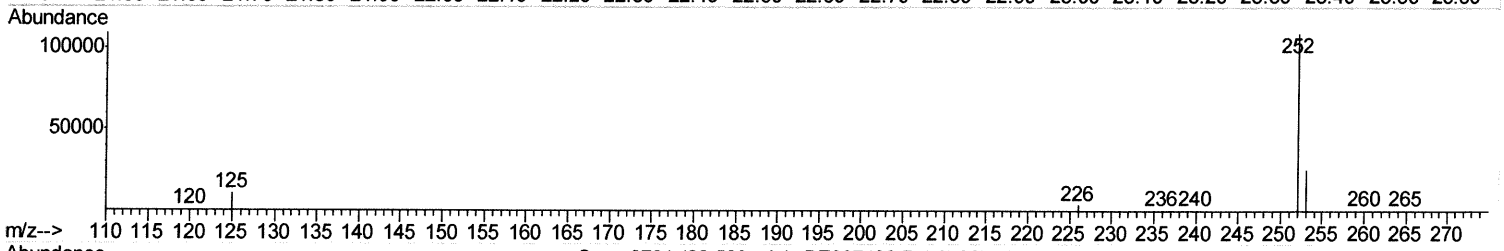
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 08 02:49:57 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 : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

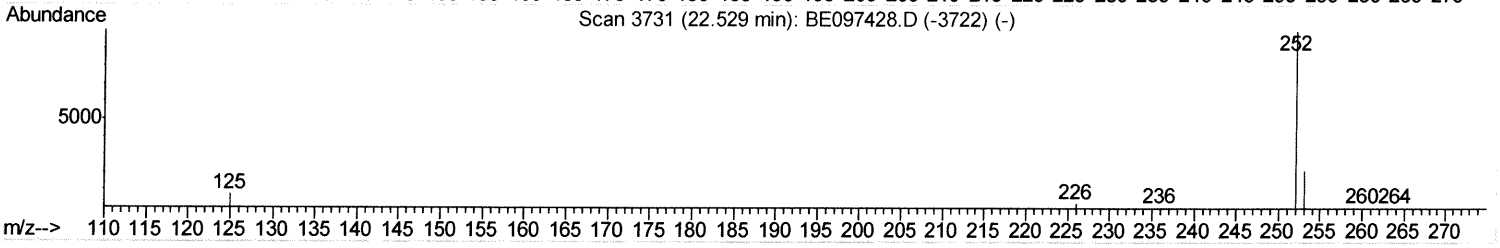
Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED





Scan 3731 (22.529 min): BE097428.D (-3722) (-)



TIC: BE097430.D

(21) Benzo(b)fluoranthene

22.536min (+0.007) 11.59ng/ul

response 330713

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.27
125.00	17.50	9.67
0.00	0.00	0.00

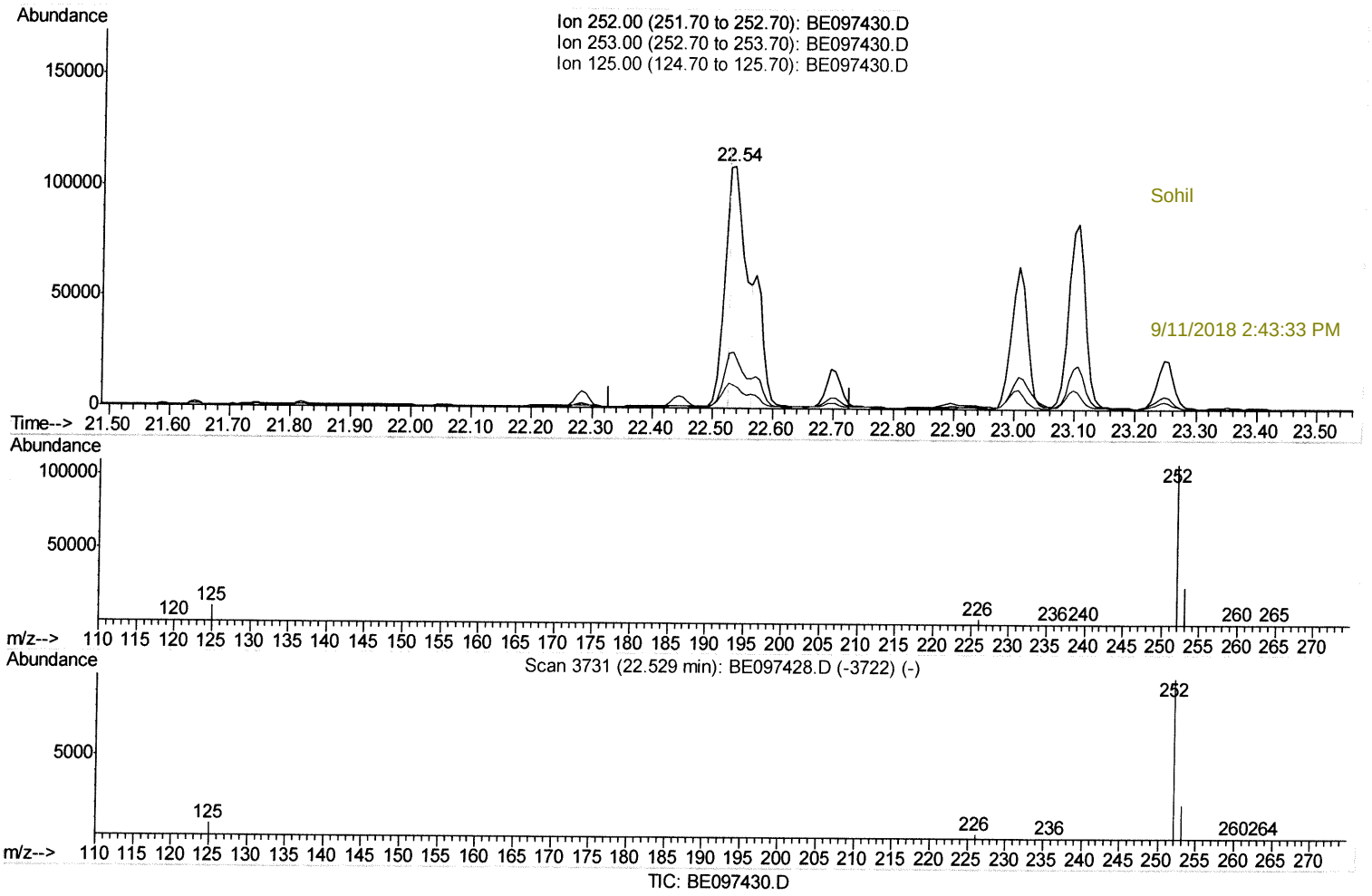
Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 08 02:49:57 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 : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED



(21) Benzo(b)fluoranthene

22.536min (+0.007) 9.20ng/ul m

response 262476

SJ 9/12/18

Ion	Exp%	Act%
252.00	100	100
253.00	32.10	23.27
125.00	17.50	9.67
0.00	0.00	0.00

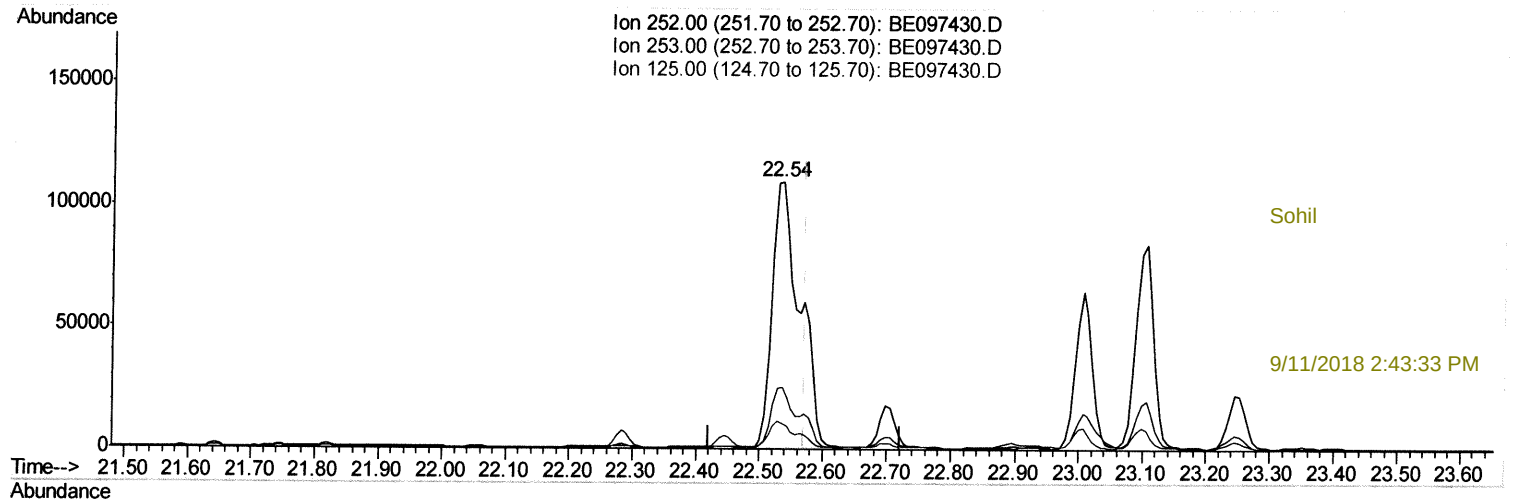
Quantitation Report (Qedit)

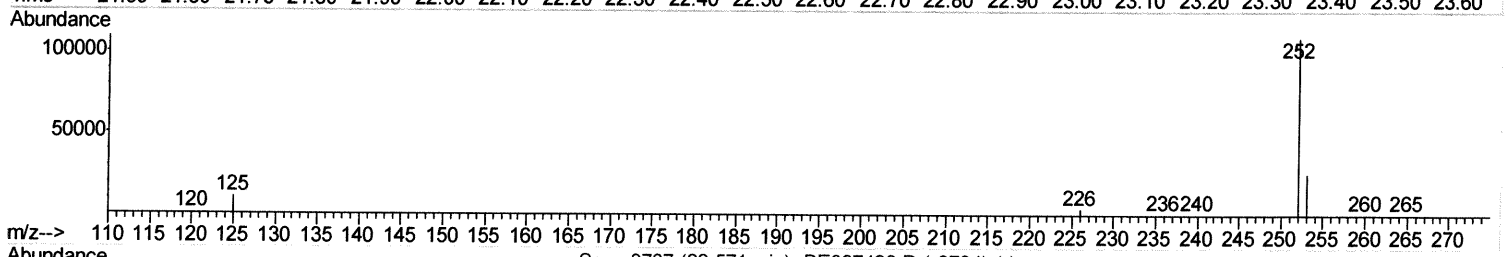
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Sep 08 02:49:57 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 : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

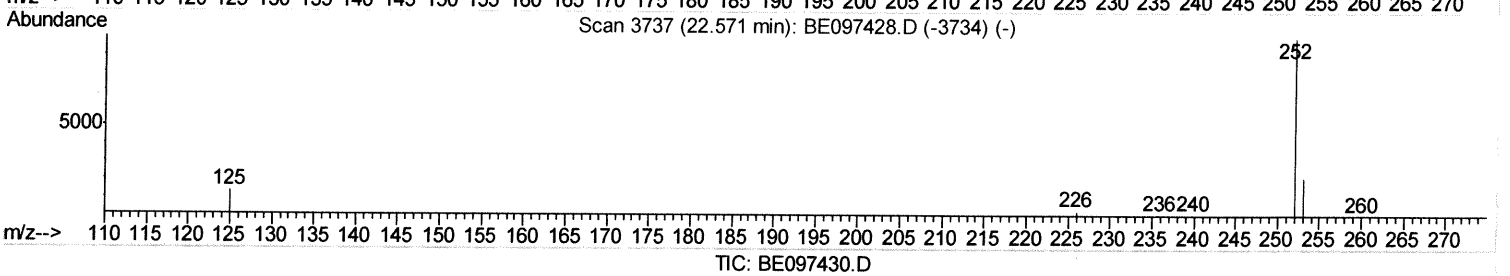
Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED





Scan 3737 (22.571 min): BE097428.D (-3734) (-)



TIC: BE097430.D

(22) Benzo(k)fluoranthene

22.536min (-0.035) 10.40ng/ul

response 330713

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	23.27#
125.00	17.10	9.67#
0.00	0.00	0.00

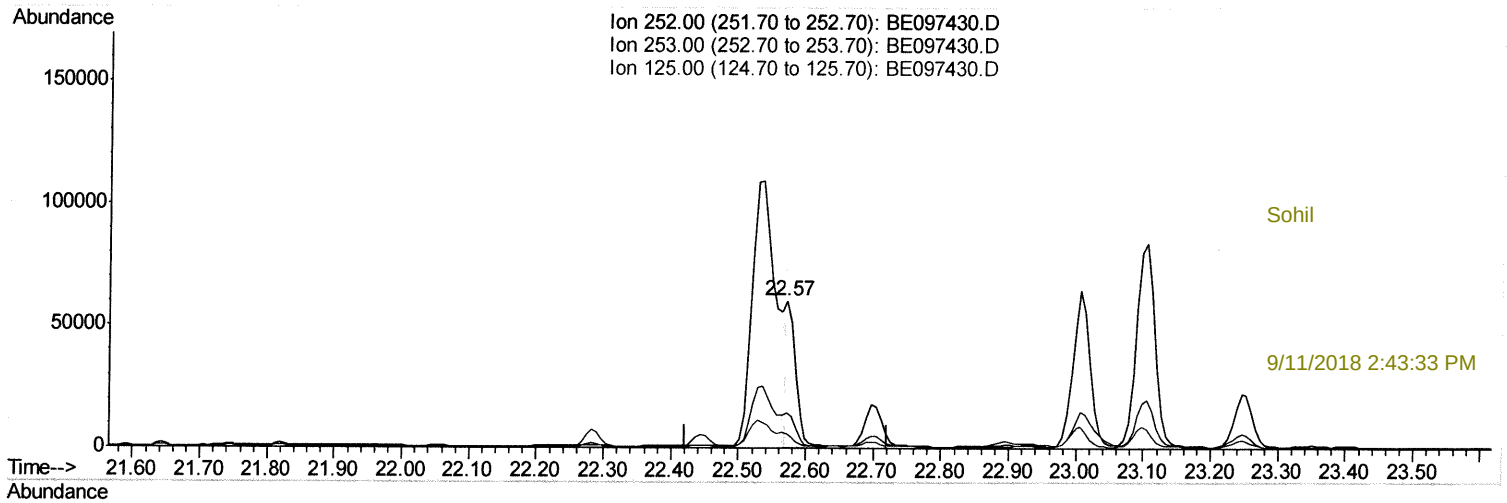
Quantitation Report (Qedit)

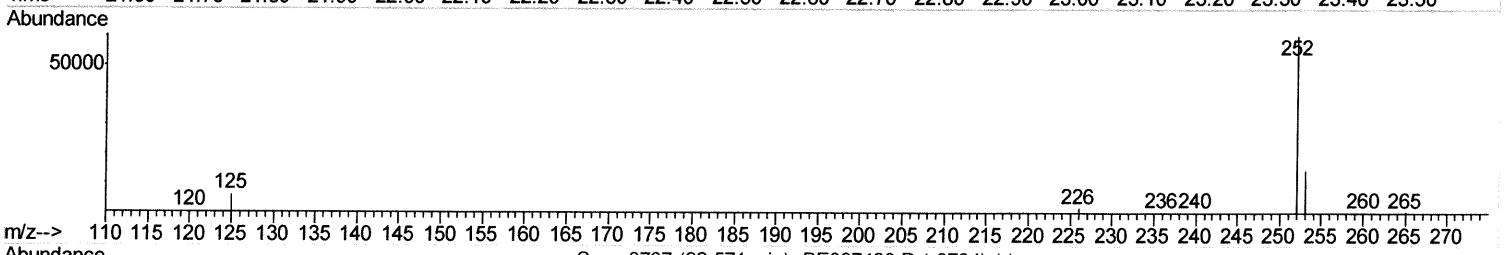
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

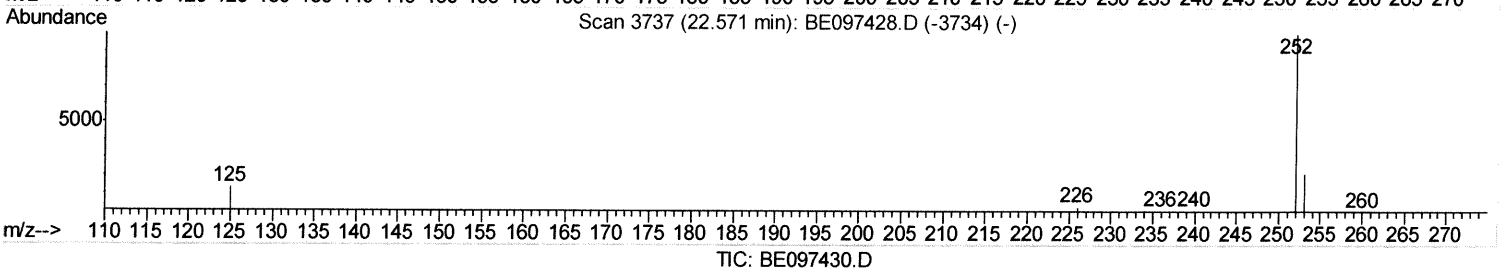
Quant Time: Sep 08 02:49:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED







(22) Benzo(k)fluoranthene

22.571min (-0.000) 2.07ng/ul m

response 65977

SJ 9/12/18

Ion	Exp%	Act%
252.00	100	100
253.00	30.60	24.06#
125.00	17.10	10.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

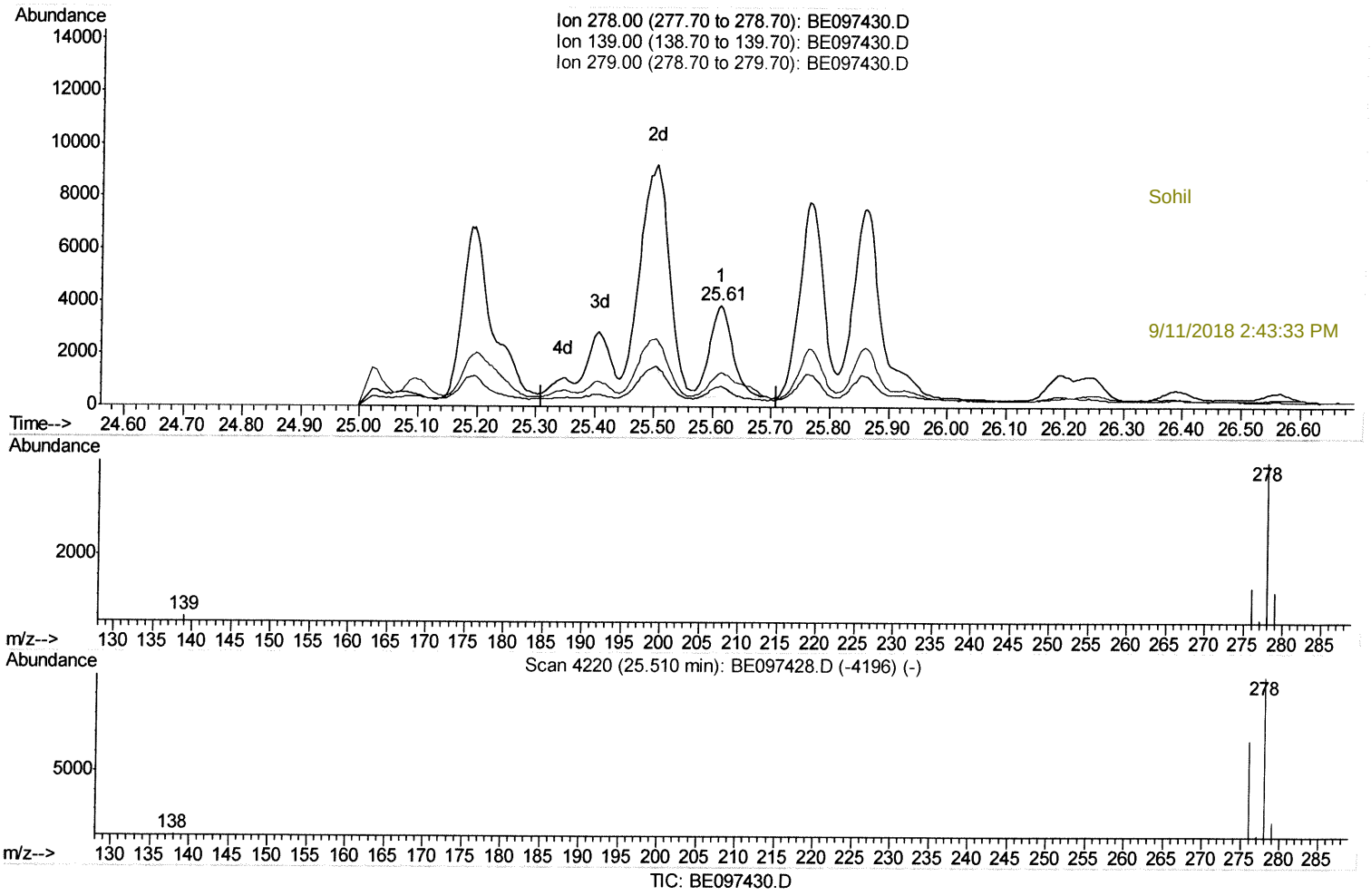
Quant Time: Sep 08 02:49:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED

Sohil

9/11/2018 2:43:33 PM



TIC: BE097430.D

(25) Dibenzo(a,h)anthracene

25.613min (+0.104) 0.33ng/ul

response 9543

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	20.29
279.00	32.40	33.26
0.00	0.00	0.00

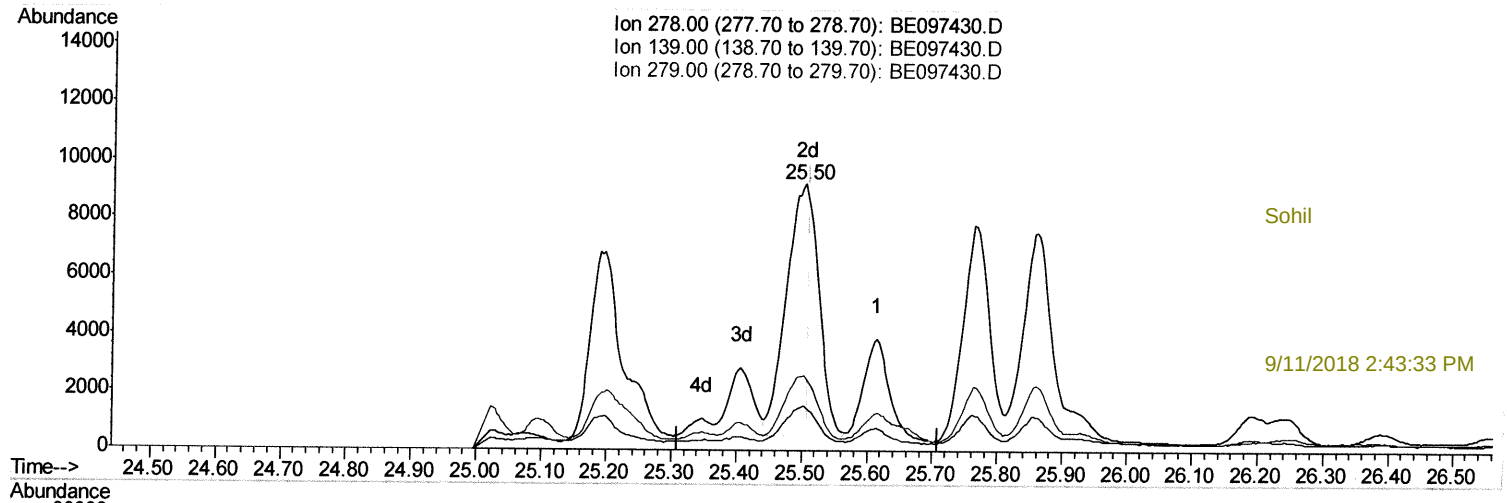
Quantitation Report (Qedit)

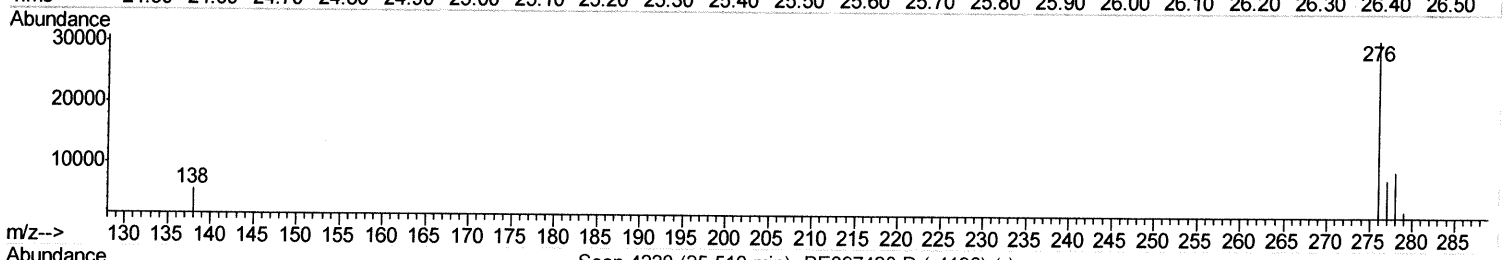
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

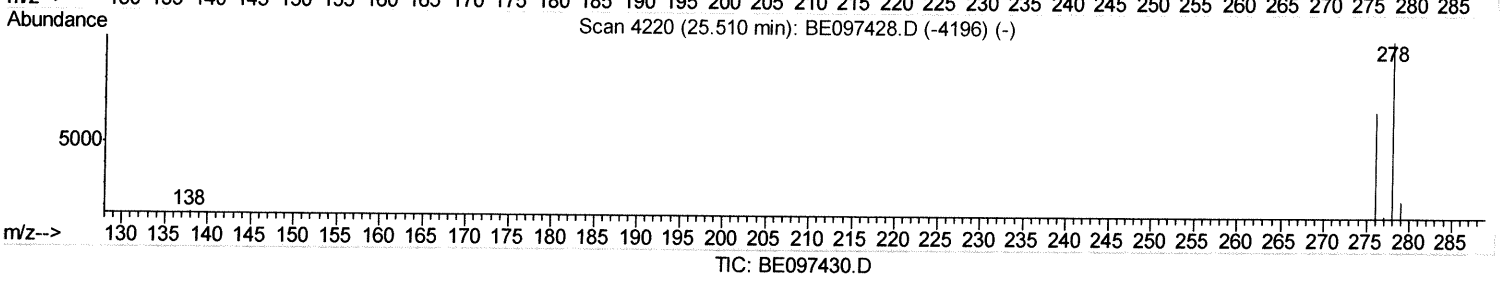
Quant Time: Sep 08 02:49:57 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED







TIC: BE097430.D

(25) Dibenzo(a,h)anthracene

25.503min (-0.007) 1.03ng/ul m JJ 9/12/18

response 29777

Ion	Exp%	Act%
278.00	100	100
139.00	21.70	16.78#
279.00	32.40	28.03
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE090718\
Data File : BE097430.D
Acq On : 7 Sep 2018 20:54
Operator : SJ/JU
Sample : J4688-18DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Z22DL

Manual Integrations APPROVED

Quant Time: Sep 08 03:00:08 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 : Sat Sep 08 02:48:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	998	0.40 ng/ul	0.00
2) Naphthalene-d8	10.12	136	5416	0.40 ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3593	0.40 ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9295	0.40 ng/ul	0.00
16) Chrysene-d12	20.97	240	11143	0.40 ng/ul	0.00
20) Perylene-d12	23.20	264	10651	0.40 ng/ul	0.00
System Monitoring Compounds					
4) 2-Methylnaphthalene-d10	11.72	152	442	0.05 ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1548	0.05 ng/ul	0.00
Target Compounds					Qvalue
3) Naphthalene	10.17	128	22085	1.672 ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	6856	0.821 ng/ul	97
7) Acenaphthylene	13.73	152	7824	0.598 ng/ul	99
8) Acenaphthene	14.07	153	12862	1.142 ng/ul	95
9) Fluorene	15.06	166	12732	0.987 ng/ul	92
12) Phenanthrene	16.80	178	226266	9.456 ng/ul#	89
13) Anthracene	16.89	178	34037	1.692 ng/ul#	91
15) Fluoranthene	18.83	202	356963	11.613 ng/ul	84
17) Pyrene	19.20	202	313490	10.455 ng/ul#	80
18) Benzo(a)anthracene	20.95	228	168519	5.887 ng/ul#	85
19) Chrysene	21.01	228	184695	5.600 ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	262476m	9.202 ng/ul	
22) Benzo(k)fluoranthene	22.57	252	65977m	2.074 ng/ul	
23) Benzo(a)pyrene	23.11	252	159649	6.050 ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.49	276	116975	3.420 ng/ul#	71
25) Dibenzo(a,h)anthracene	25.50	278	29777m	1.028 ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	112313	3.852 ng/ul#	90

Sohil

9/11/2018 2:43:33 PM

SJ 9/12/18

SJ 9/12/18

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