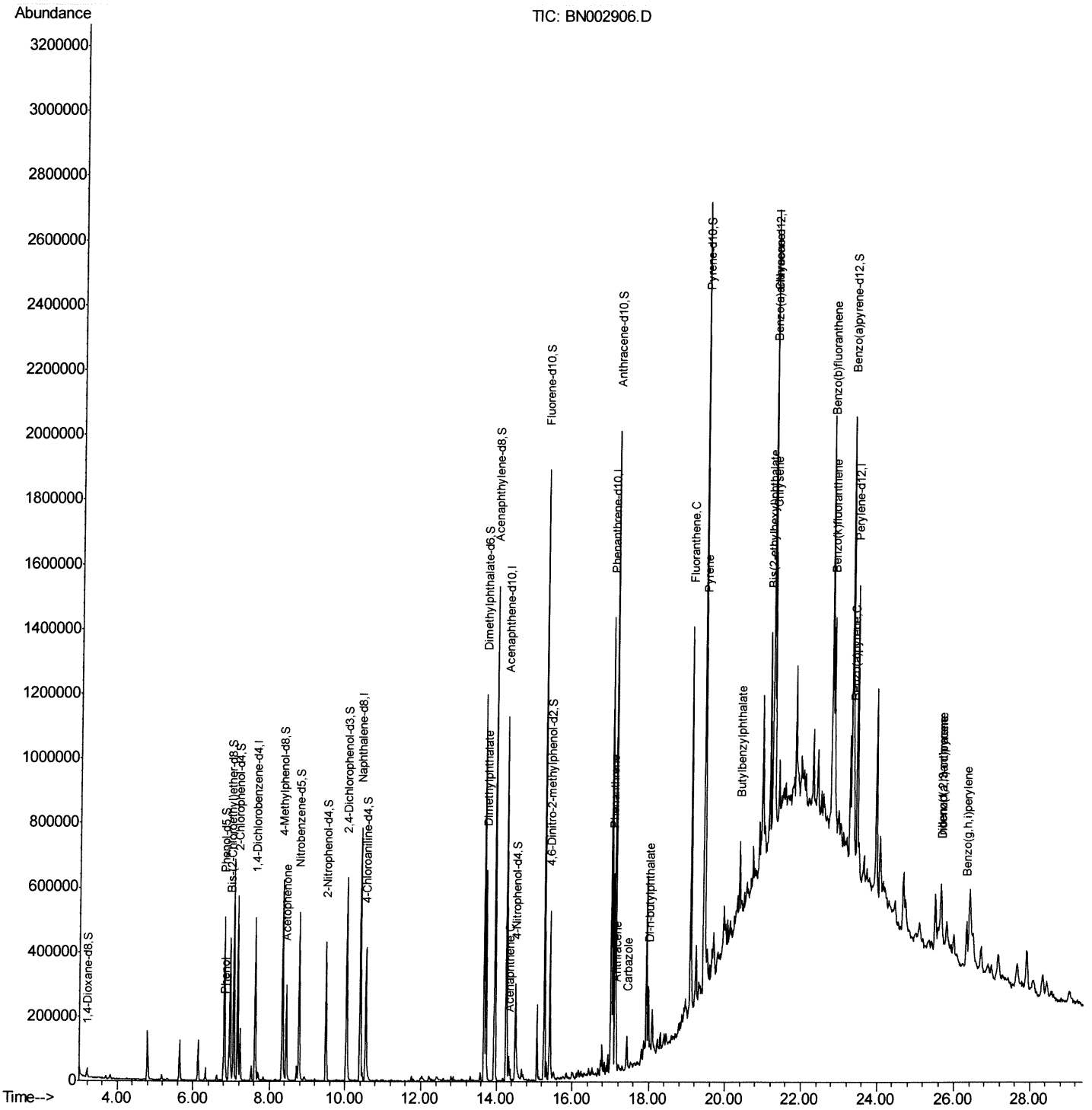
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002906.D
Acq On : 03 Oct 2018 18:30
Operator : MJ/SJ
Sample : J5116-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 04 03:53:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 02:50:09 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations APPROVED
Sohil
10/4/2018 5:15:06 PM

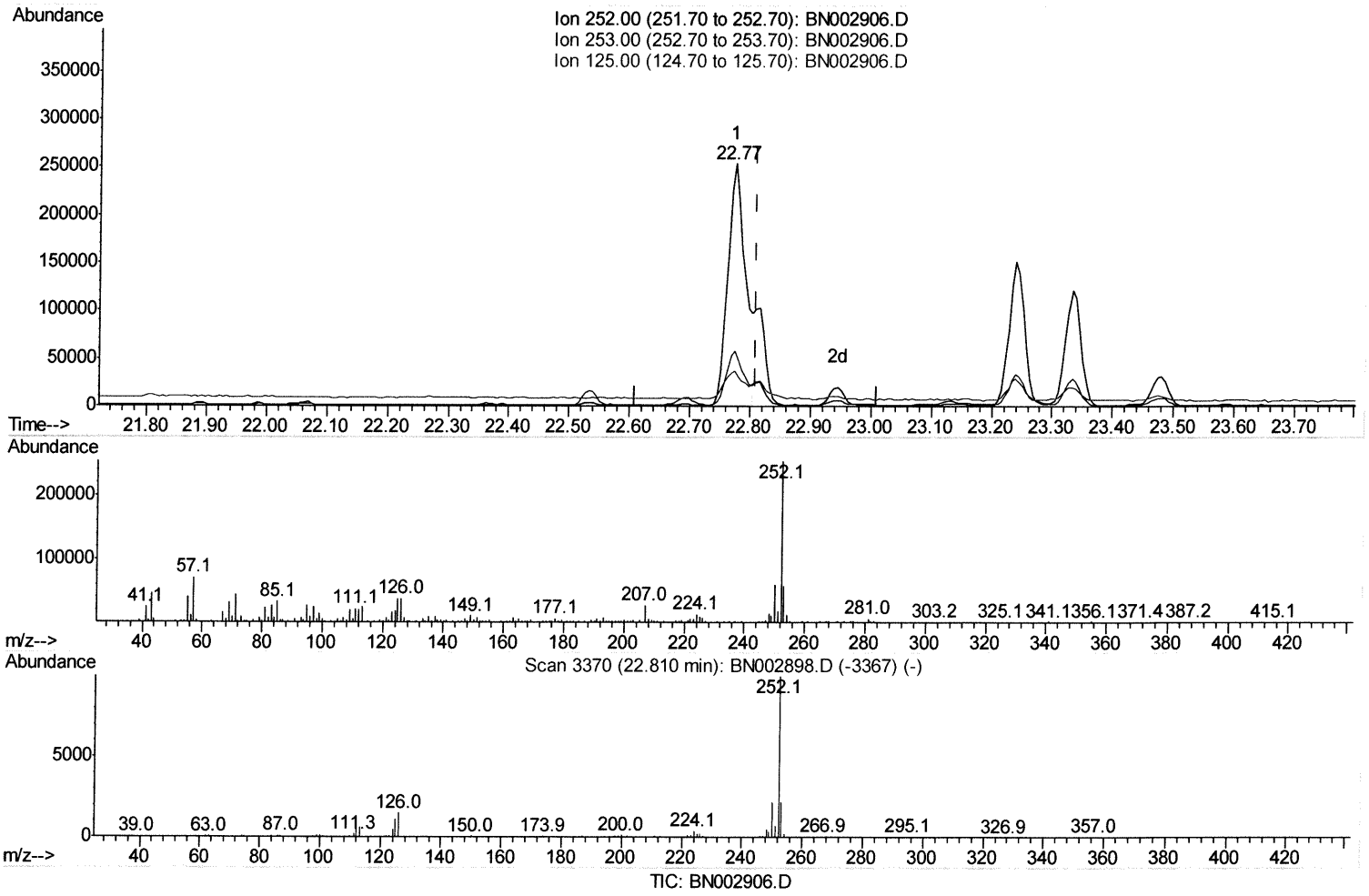


Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002906.D
Acq On : 03 Oct 2018 18:30
Operator : MJ/SJ
Sample : J5116-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 04 02:51:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 02:50:09 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations APPROVED
Sohil
10/4/2018 5:15:06 PM



Scan 3370 (22.810 min): BN002898.D (-3367) (-)

TIC: BN002906.D

(88) Benzo(k)fluoranthene

22.774min (-0.035) 15.11ng/ul

response 522315

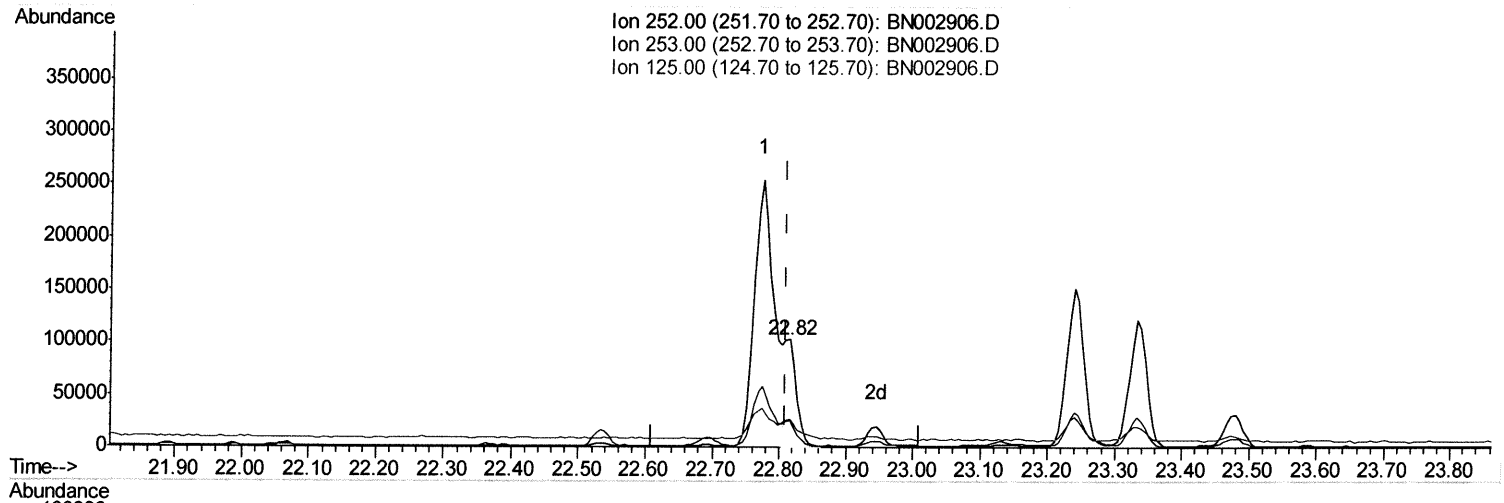
Ion	Exp%	Act%
252.00	100	100
253.00	22.30	22.78
125.00	10.40	14.55#
0.00	0.00	0.00

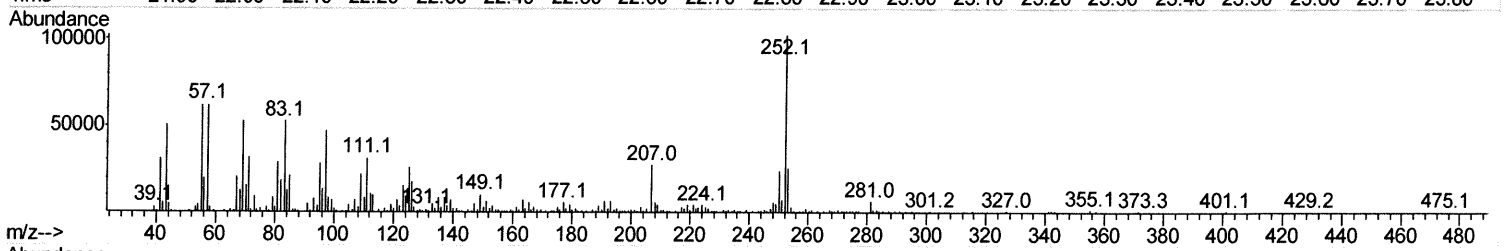
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002906.D
Acq On : 03 Oct 2018 18:30
Operator : MJ/SJ
Sample : J5116-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

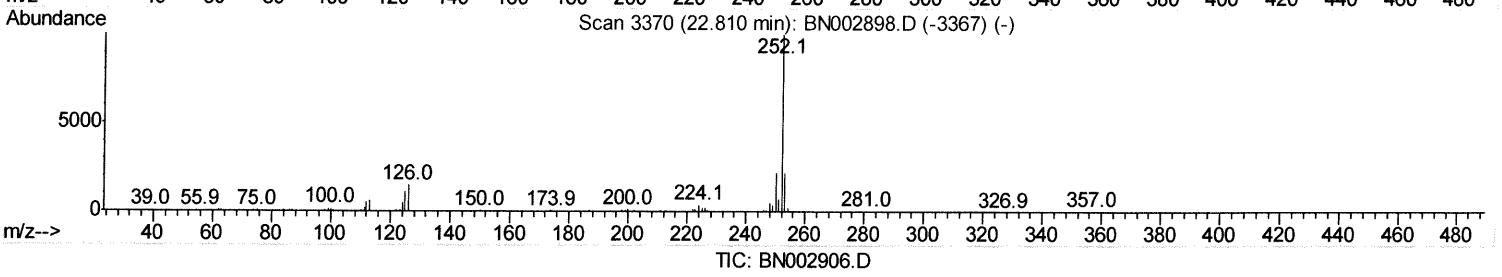
Quant Time: Oct 04 02:51:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 02:50:09 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations APPROVED
Sohil
10/4/2018 5:15:06 PM







TIC: BN002906.D

(88) Benzo(k)fluoranthene

22.816min (+0.006) 3.64ng/ul m SJ 10/10/18

response 125705

Ion	Exp%	Act%
252.00	100	100
253.00	22.30	24.73
125.00	10.40	25.91#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
Data File : BN002906.D
Acq On : 03 Oct 2018 18:30
Operator : MJ/SJ
Sample : J5116-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLC52

Manual Integrations APPROVED
Sohil
10/4/2018 5:15:06 PM

Quant Time: Oct 04 03:53:45 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 02:50:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	646694	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	373789	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	839583	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	739634	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	606868	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	13139	4.30	ng/uL	0.00
5) Phenol-d5	6.81	99	322607	26.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	201411	27.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	269893	27.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	253825	27.35	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	134280	26.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	156263	27.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	276814	27.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	263797	22.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	829583	28.35	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1078954	28.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	112247	23.20	ng/ul	0.00
57) Fluorene-d10	15.26	176	749881	29.25	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	128720	24.51	ng/ul	0.00
70) Anthracene-d10	17.11	188	1137569	28.38	ng/ul	0.00
78) Pyrene-d10	19.42	212	1193250	30.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	909079	28.46	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.84	94	13406	1.110	ng/ul#	87
14) Acetophenone	8.44	105	161061	11.265	ng/ul	98
44) Dimethylphthalate	13.72	163	417179	14.609	ng/ul	100
49) Acenaphthene	14.33	153	26007	1.023	ng/ul	99
69) Phenanthrene	17.06	178	364148	7.872	ng/ul	100
71) Anthracene	17.15	178	82062	1.750	ng/ul	97
74) Carbazole	17.43	167	58656	1.457	ng/ul	97
75) Di-n-butylphthalate	17.99	149	138131	2.860	ng/ul	99
76) Fluoranthene	19.08	202	693716	14.058	ng/ul	99
79) Pyrene	19.45	202	607539	12.423	ng/ul	98
80) Butylbenzylphthalate	20.36	149	65197	3.204	ng/ul	95
82) Benzo(a)anthracene	21.20	228	288445	6.269	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	242135	8.196	ng/ul	99
84) Chrysene	21.26	228	481942	11.175	ng/ul	97
87) Benzo(b)fluoranthene	22.77	252	522315	14.093	ng/ul#	94
88) Benzo(k)fluoranthene	22.82	252	125705m	3.636	ng/ul	
90) Benzo(a)pyrene	23.33	252	217063	6.195	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.63	276	175749	4.237	ng/ul	98
92) Dibenzo(a,h)anthracene	25.63	278	45061	1.289	ng/ul#	86
93) Benzo(g,h,i)perylene	26.30	276	161614	4.661	ng/ul	98

SJ 10/10/18

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