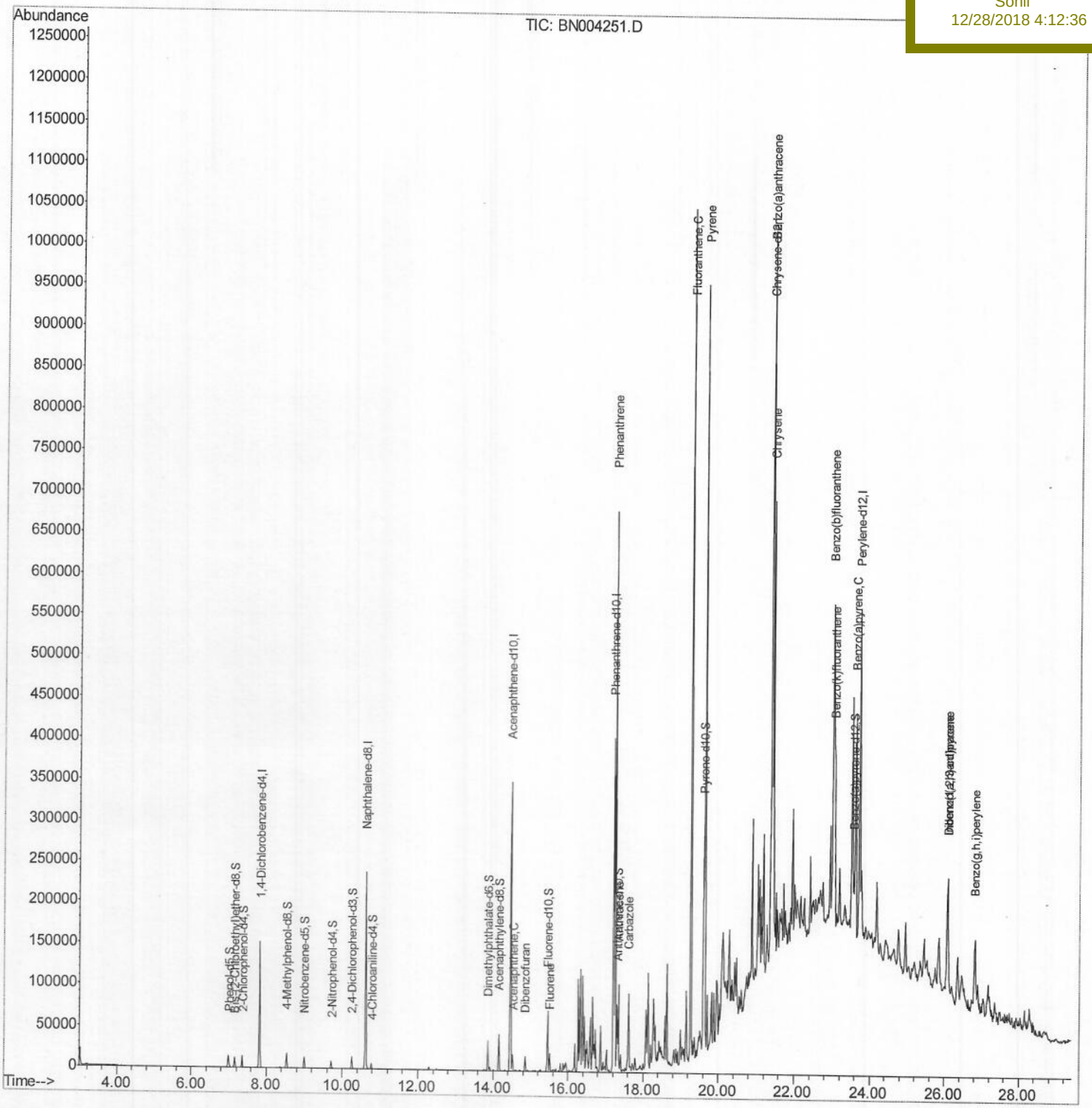
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 28 03:23:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BE7Z7

Manual Integrations APPROVED
Sohil
12/28/2018 4:12:36 PM



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
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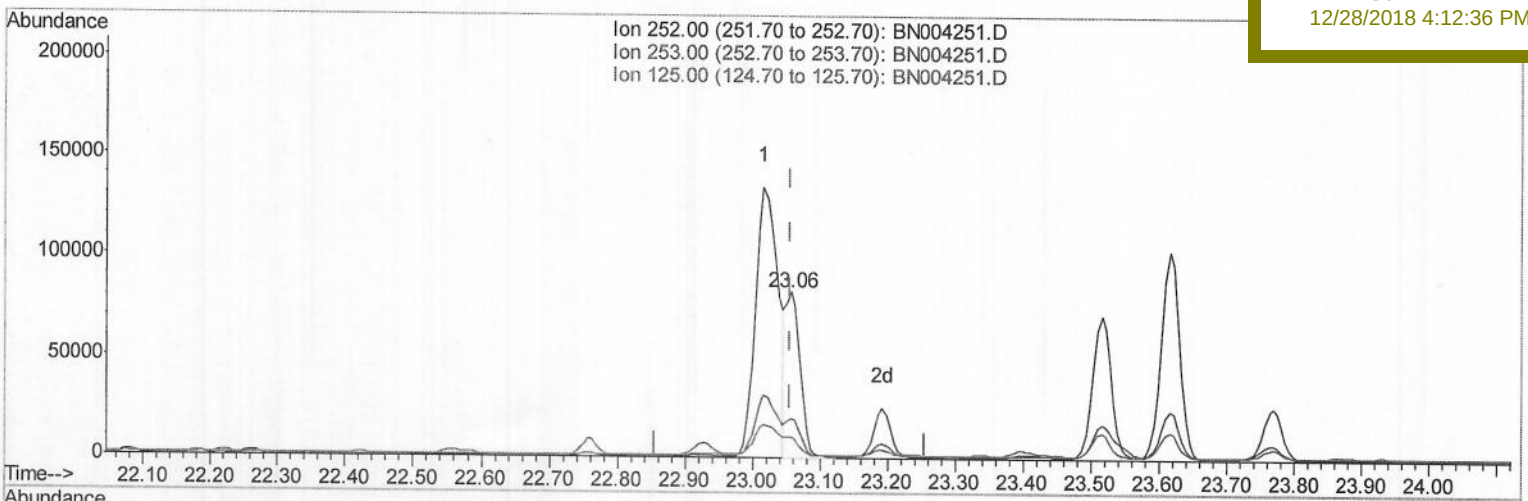
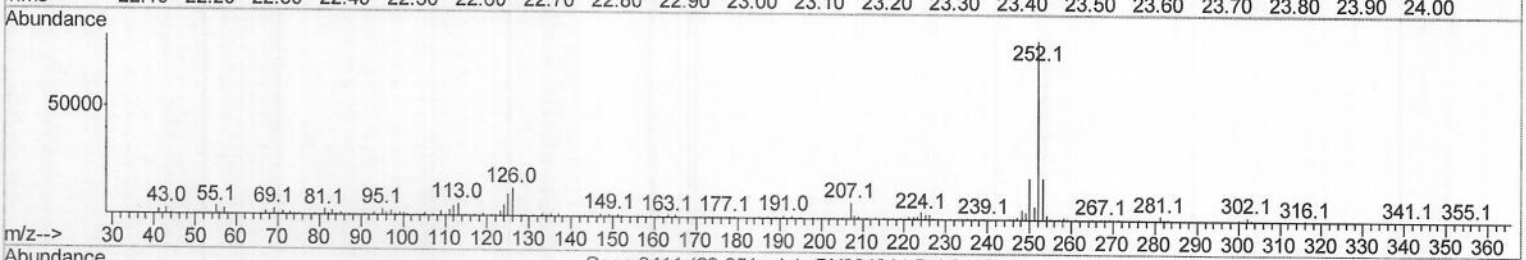
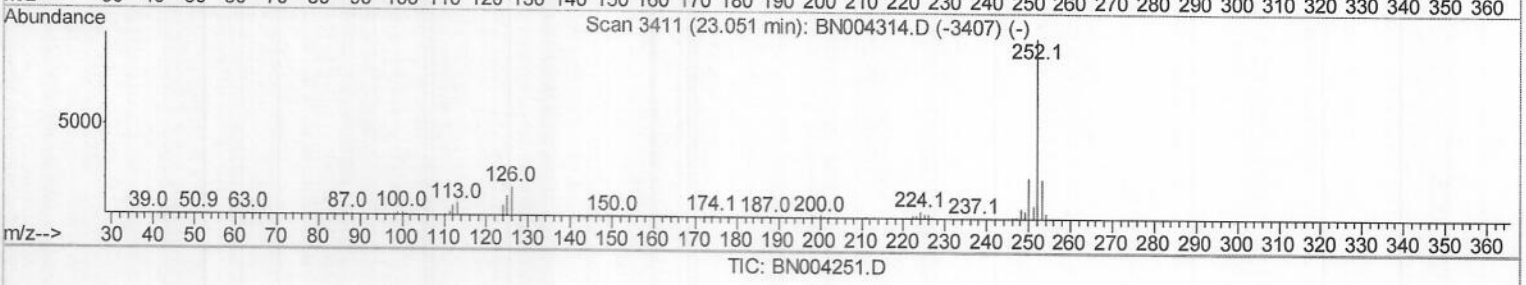
Manual Integrations APPROVED
Sohil
12/28/2018 4:12:36 PM







TIC: BN004251.D

(88) Benzo(k)fluoranthene

23.057min (+0.000) 7.81ng/ul m

response 121494

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.69
125.00	9.90	12.64#
0.00	0.00	0.00

SJ 01/04/19

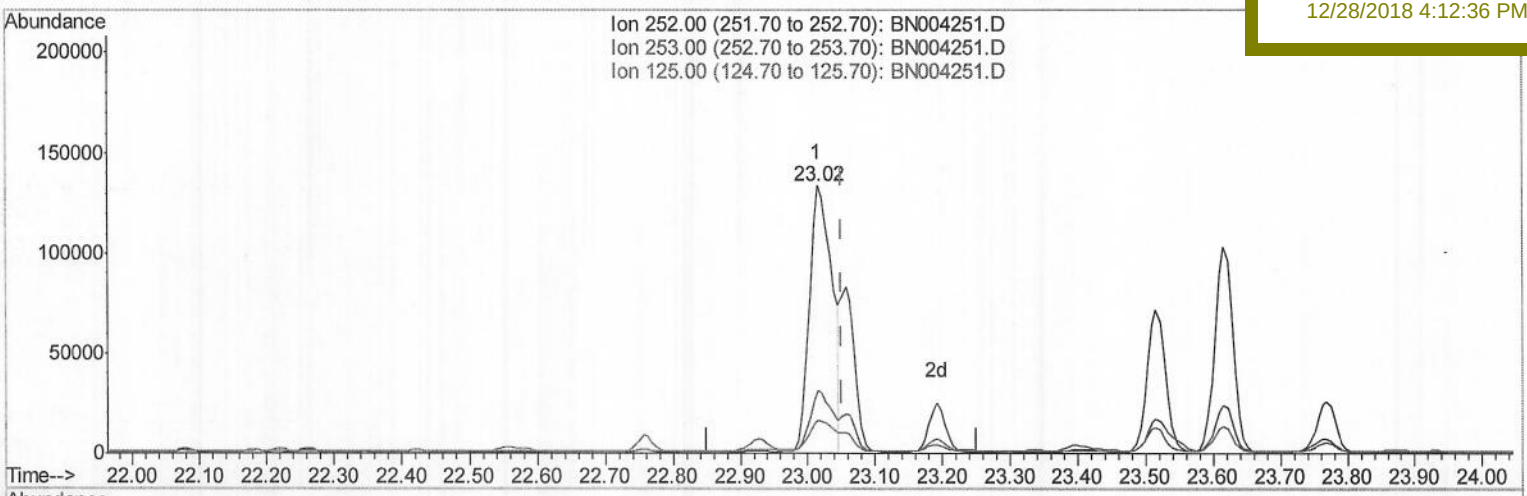
Quantitation Report (Qedit)

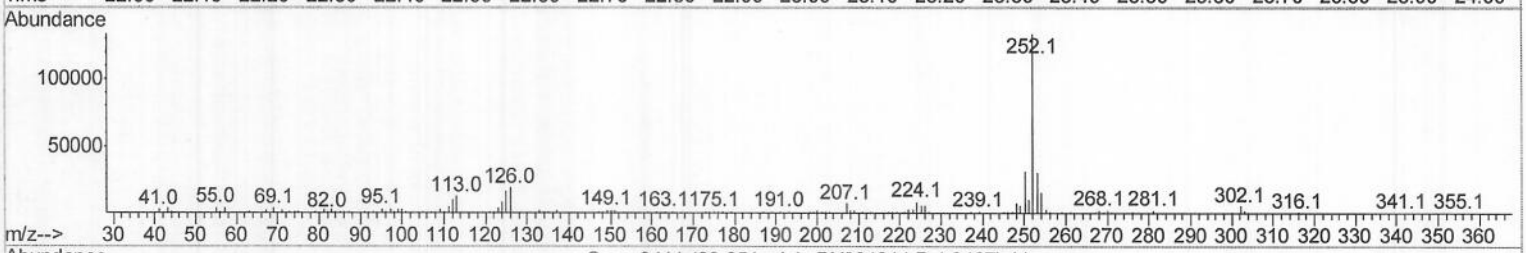
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122718\
Data File : BN004251.D
Acq On : 27 Dec 2018 21:44
Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

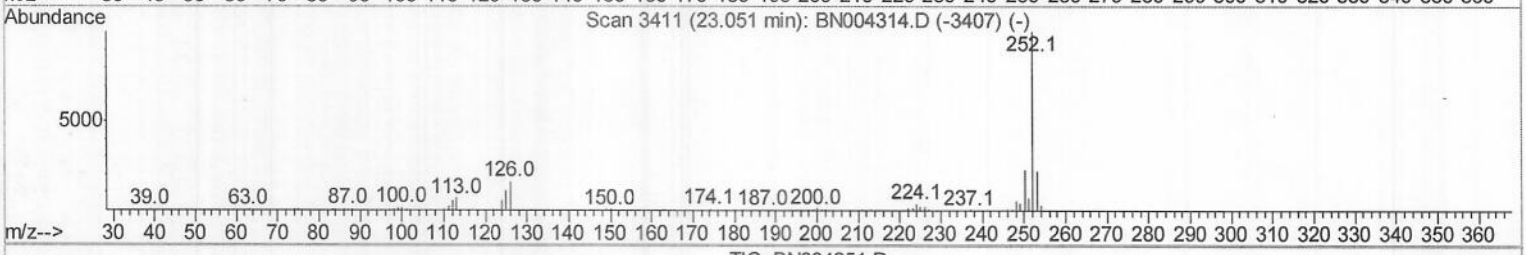
Quant Time: Jan 04 08:12:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 04 07:20:05 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BE7Z7

Manual Integrations APPROVED
Sohil
12/28/2018 4:12:36 PM







TIC: BN004251.D

(88) Benzo(k)fluoranthene

23.016min (-0.035) 20.18ng/ul

response 313945

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.13
125.00	9.90	12.35#
0.00	0.00	0.00

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN122718\
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Operator : JU/SJ
Sample : J6441-01 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 28 03:23:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 28 03:12:04 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BE7Z7

Manual Integrations APPROVED
Sohil
12/28/2018 4:12:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	43792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	204987	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	122467	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	250198	20.00	ng/ul	0.00
77) Chrysene-d12	21.40	240	305251	20.00	ng/ul	0.00
85) Perylene-d12	23.72	264	277407	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.99	99	10498	2.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	6110	2.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	8566	2.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	8578	2.38	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	3949	2.43	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	4216	2.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	8478	2.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	6222	1.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	28041	2.57	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	35231	2.72	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	562	0.25	ng/ul	0.02
57) Fluorene-d10	15.45	176	28708	3.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.30	188	43610	3.45	ng/ul	0.00
78) Pyrene-d10	19.60	212	51623	3.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.57	264	52261	3.47	ng/ul	0.00
Target Compounds						Qvalue
49) Acenaphthene	14.52	153	9155	1.041	ng/ul	99
53) Dibenzofuran	14.86	168	13161	1.054	ng/ul	100
58) Fluorene	15.51	166	10688	1.028	ng/ul	98
69) Phenanthrene	17.25	178	374976	25.939	ng/ul	99
71) Anthracene	17.34	178	66533	4.490	ng/ul	99
74) Carbazole	17.62	167	59766	4.389	ng/ul	100
76) Fluoranthene	19.27	202	604119	34.094	ng/ul	100
79) Pyrene	19.63	202	527890	30.955	ng/ul	99
82) Benzo(a)anthracene	21.38	228	297766	15.643	ng/ul	98
84) Chrysene	21.43	228	272749	15.298	ng/ul	98
87) Benzo(b)fluoranthene	23.02	252	313945	18.892	ng/ul	96
88) Benzo(k)fluoranthene	23.06	252	121494m	7.808	ng/ul	
90) Benzo(a)pyrene	23.62	252	192418	12.023	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	26.08	276	123780	5.934	ng/ul	96
92) Dibenzo(a,h)anthracene	26.08	278	39536	2.280	ng/ul#	86
93) Benzo(g,h,i)perylene	26.81	276	95849	5.489	ng/ul	99

SJ 01/04/19

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