

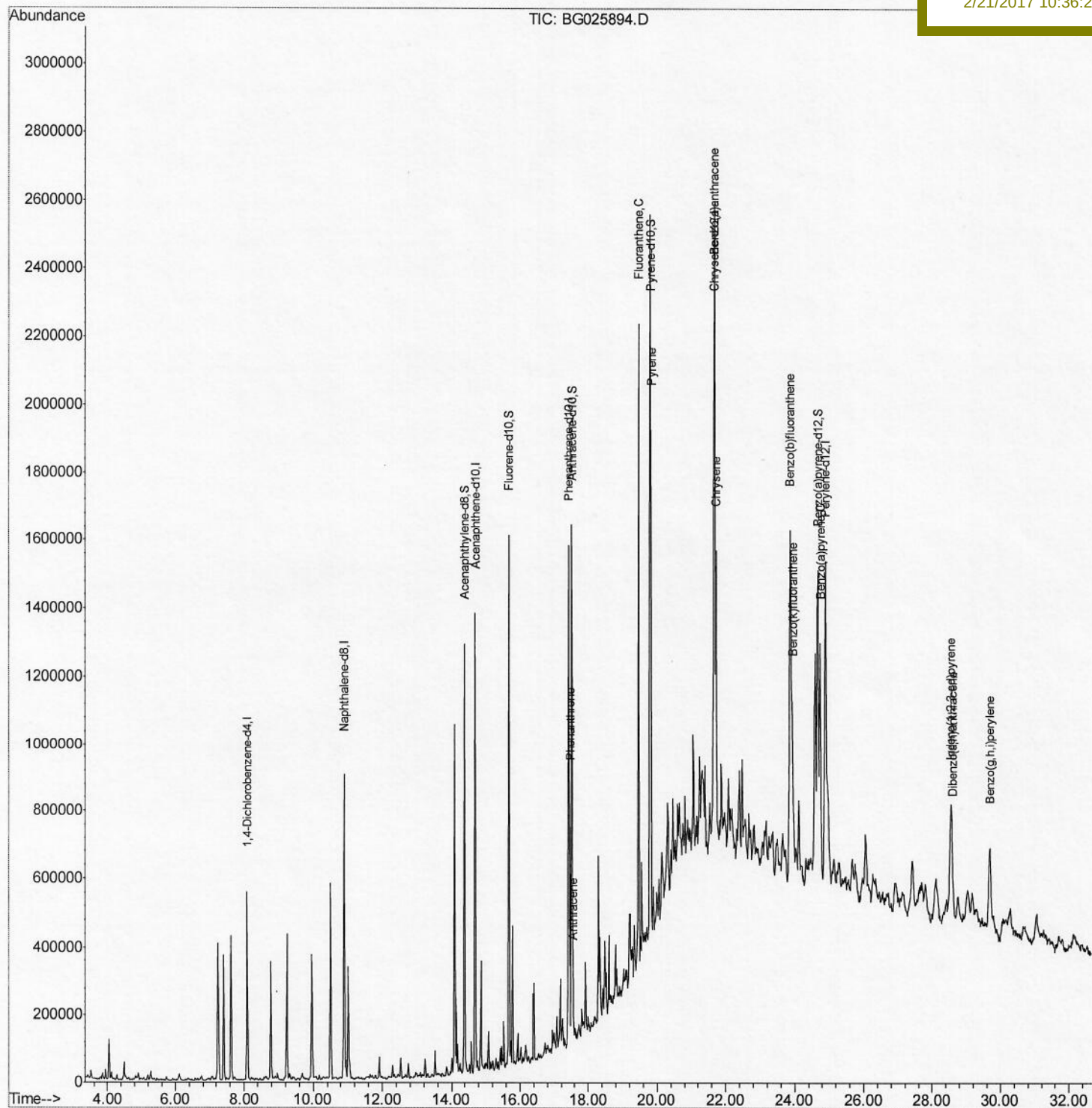
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
Data File : BG025894.D
Acq On : 21 Feb 2017 4:37
Operator : SJ/MA
Sample : I1898-22
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 21 05:27:40 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 21 02:22:54 2017
Response via : Initial Calibration

Instrument :
BNA_G
Client Sampled :
DABC5

Manual Integrations
APPROVED

mohammad
2/21/2017 10:36:29 AM



Quantitation Report (Qedit)

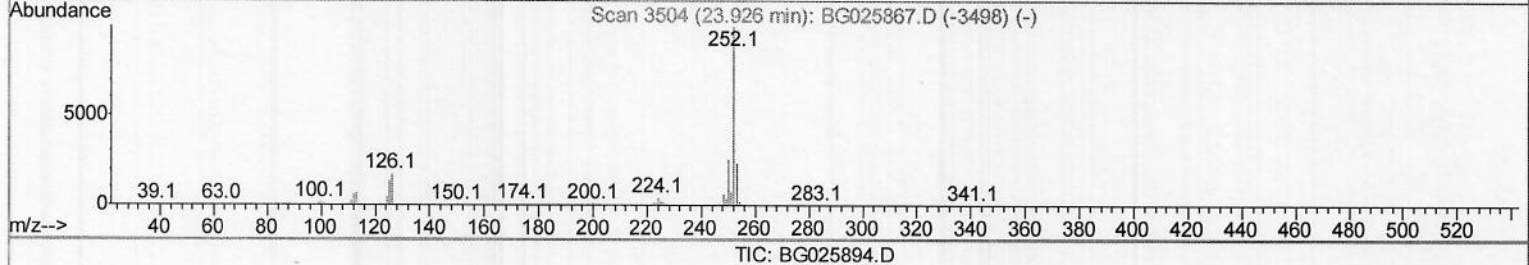
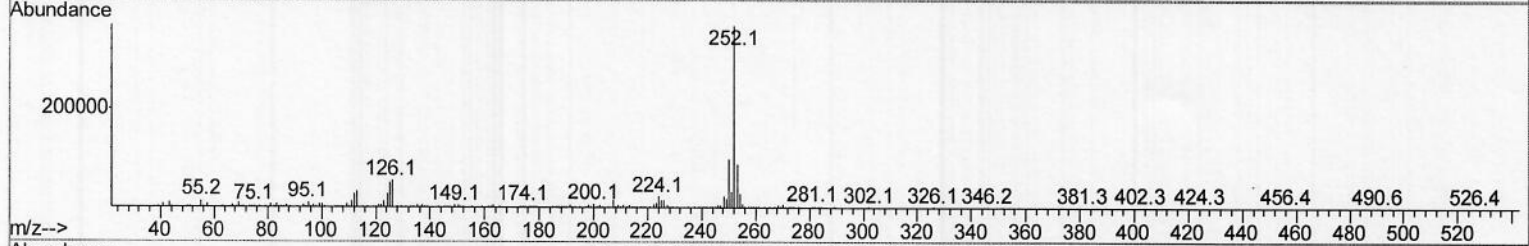
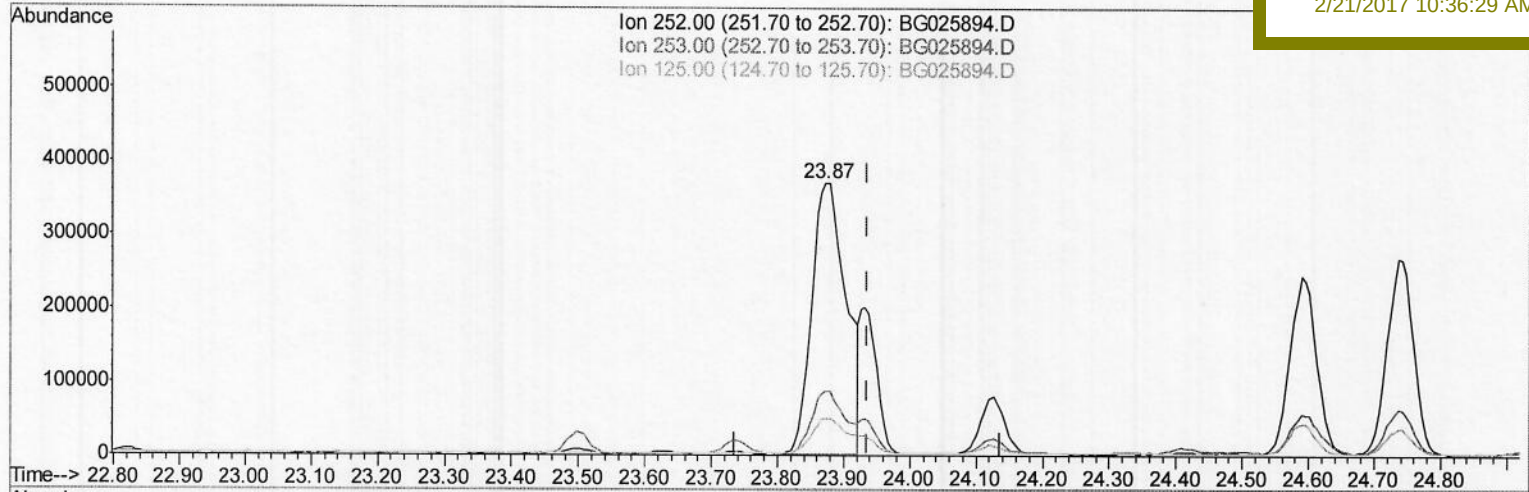
Data Path : Z:\HPCHEM1\BNA G\Data\BG022017\
 Data File : BG025894.D
 Acq On : 21 Feb 2017 4:37
 Operator : SJ/MA
 Sample : I1898-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 28 10:04:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 04:47:03 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
ClientSampleId :
 DABC5

Manual Integrations
APPROVED

mohammad
 2/21/2017 10:36:29 AM



(24) Benzo(k)fluoranthene
 23.873min (-0.063) 26.93ng/ul
 response 1313173

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.74
125.00	10.10	13.63#
0.00	0.00	0.00

Quantitation Report (Qedit)

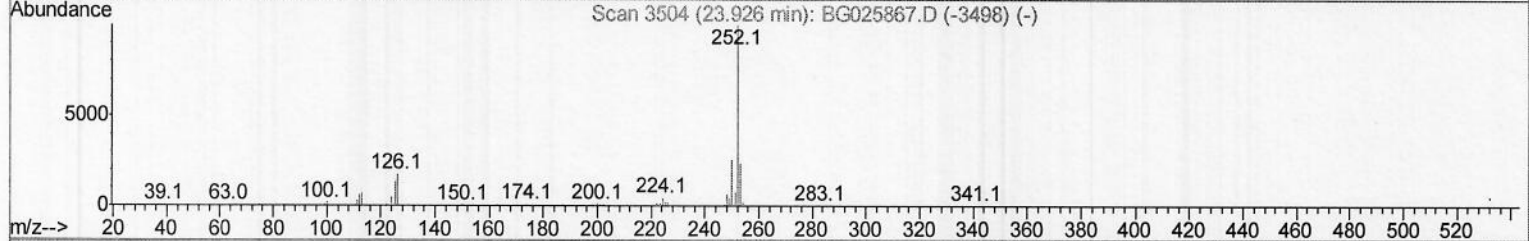
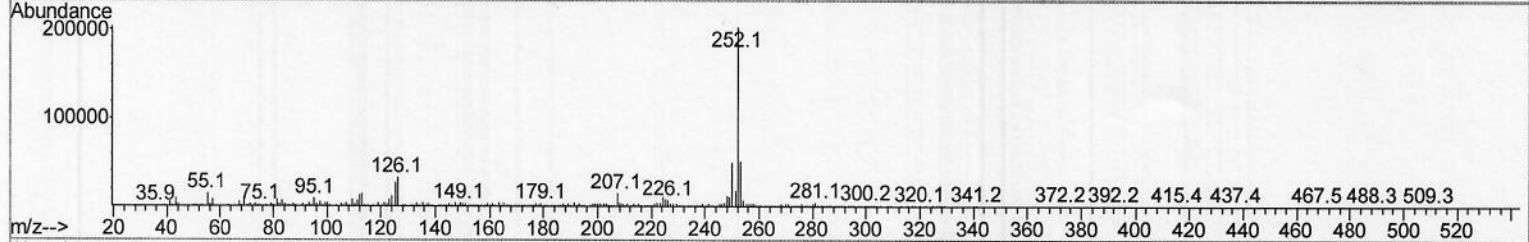
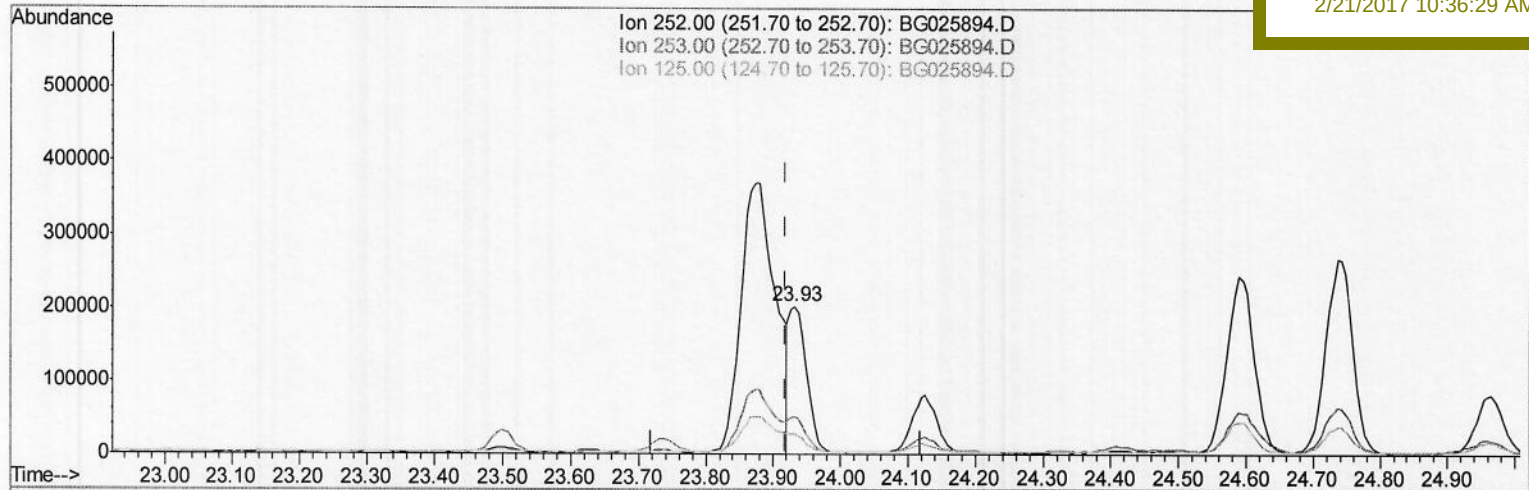
Data Path : Z:\HPCHEM1\BNA G\Data\BG022017\
 Data File : BG025894.D
 Acq On : 21 Feb 2017 4:37
 Operator : SJ/MA
 Sample : I1898-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Feb 21 05:27:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 02:22:54 2017
 Response via : Initial Calibration

Instrument :
 BNA_G
Client Sampled :
 DABC5

Manual Integrations
APPROVED

mohammad
 2/21/2017 10:36:29 AM



TIC: BG025894.D

(24) Benzo(k)fluoranthene

23.932min (+0.012) 7.50ng/ul m } S.J
 02/28/17

response 365685

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.17
125.00	10.10	13.49#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022017\
 Data File : BG025894.D
 Acq On : 21 Feb 2017 4:37
 Operator : SJ/MA
 Sample : I1898-22
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sample ID :
 DABC5

Quant Time: Feb 21 05:27:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 21 02:22:54 2017
 Response via : Initial Calibration

Manual Integrations
 APPROVED

mohammad
 2/21/2017 10:36:29 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	160735	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	776036	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	447925	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	902712	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	900178	20.00	ng/ul	0.01
22) Perylene-d12	24.89	264	873733	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	14.38	160	924532	24.92	ng/ul	0.00
10) Fluorene-d10	15.68	176	654030	22.96	ng/ul	0.00
14) Anthracene-d10	17.52	188	903669	22.14	ng/ul	0.00
18) Pyrene-d10	19.80	212	916458	21.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	863335	22.33	ng/ul	0.02

Target Compounds

						Qvalue
13) Phenanthrene	17.46	178	432338	8.98	ng/ul	99
15) Anthracene	17.55	178	109425	2.24	ng/ul	98
16) Fluoranthene	19.46	202	1072397	20.26	ng/ul	98
19) Pyrene	19.82	202	910241	16.71	ng/ul	96
20) Benzo(a)anthracene	21.65	228	632051	12.48	ng/ul	93
21) Chrysene	21.72	228	646850	13.37	ng/ul	96
23) Benzo(b)fluoranthene	23.87	252	1313173	26.01	ng/ul#	95
24) Benzo(k)fluoranthene	23.93	252	365685m	7.50	ng/ul	
26) Benzo(a)pyrene	24.74	252	736046	15.07	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	28.55	276	559357	9.78	ng/ul#	88
28) Dibenzo(a,h)anthracene	28.59	278	164856	3.48	ng/ul#	79
29) Benzo(g,h,i)perylene	29.69	276	459568	9.73	ng/ul#	94

S.J
 02/28/17

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