

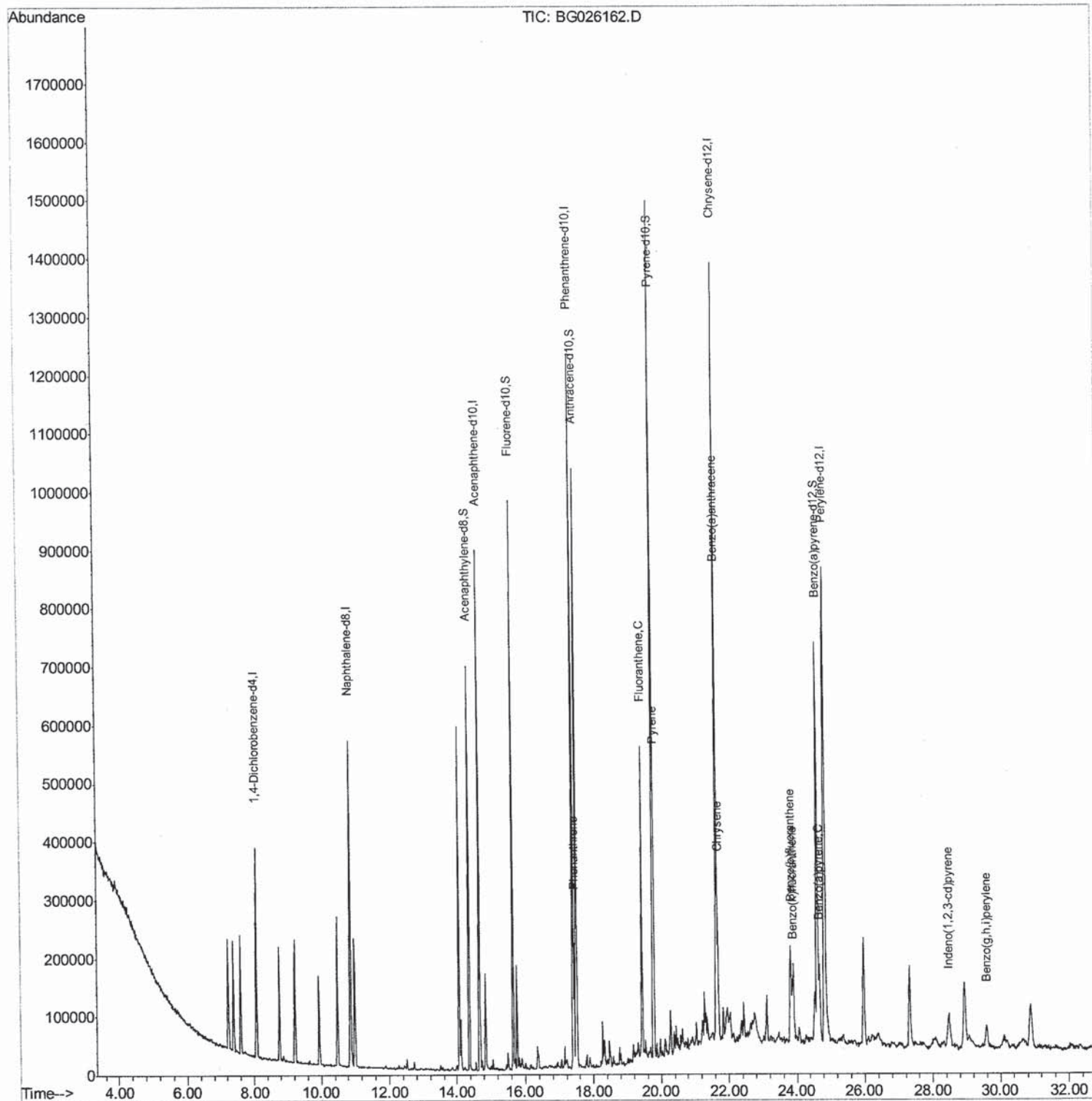
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026162.D
Acq On : 9 Mar 2017 23:13
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:00:06 PM

Quant Time: Mar 10 02:26:04 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 02:13:09 2017
Response via : Initial Calibration



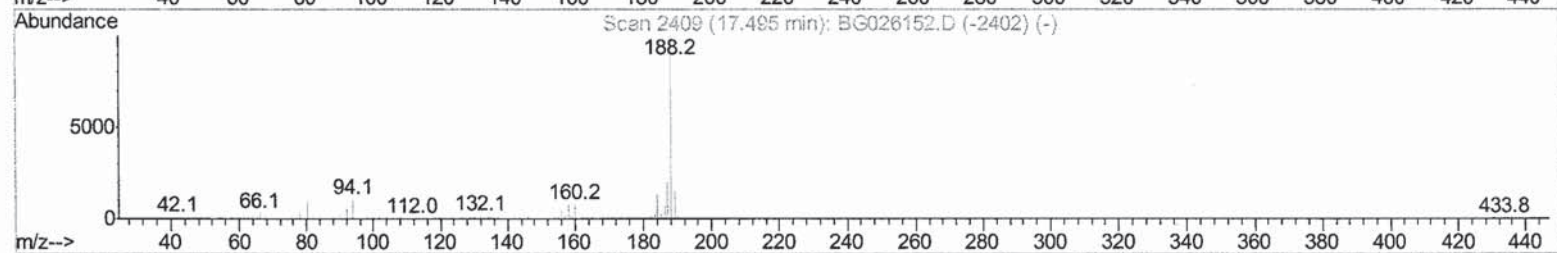
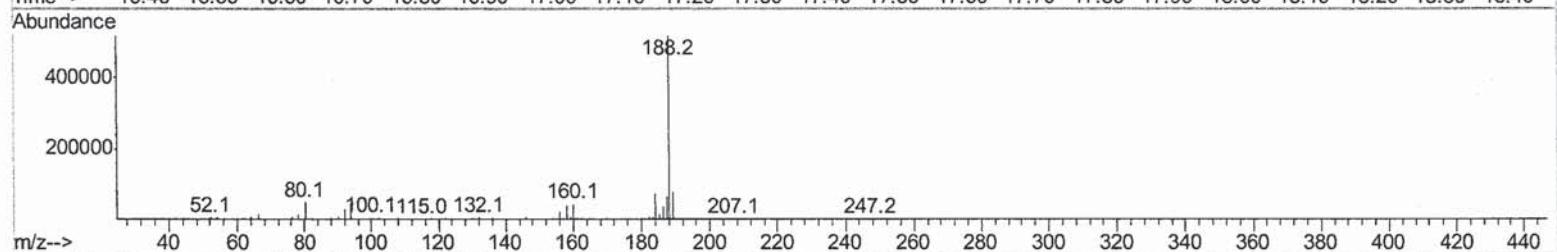
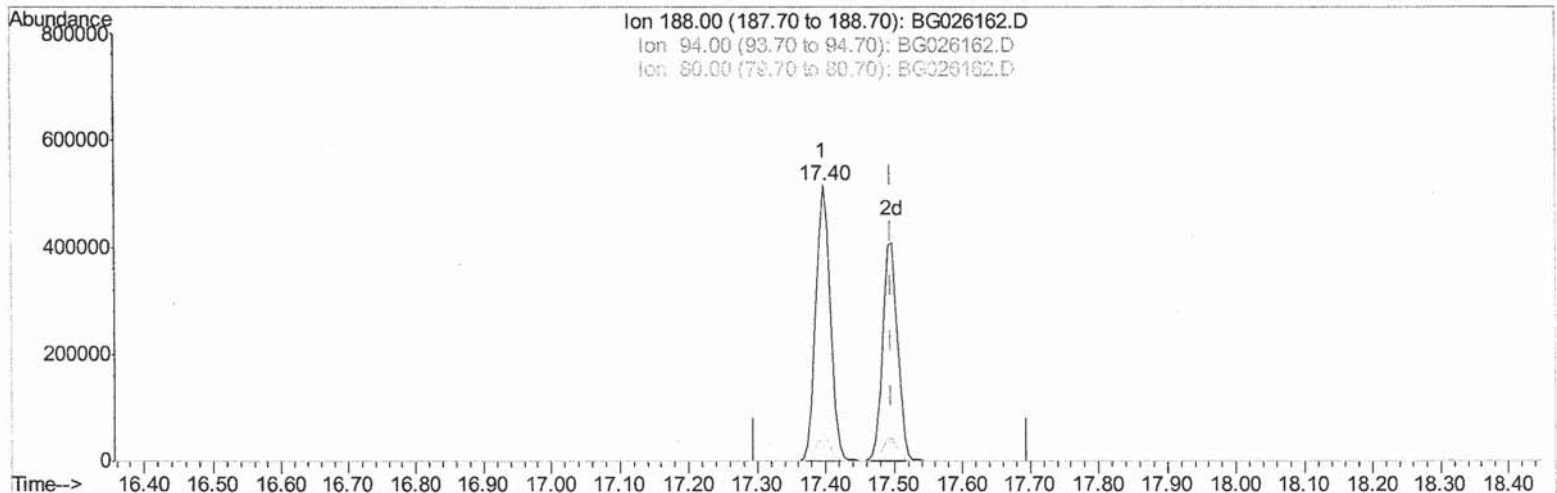
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026162.D
Acq On : 9 Mar 2017 23:13
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:00:06 PM

Quant Time: Mar 10 02:13:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 02:13:09 2017
Response via : Initial Calibration



TIC: BG026162.D

(13) Anthracene-d10 (S)

17.397min (-0.098) 22.43ng/ul

response 767528

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	9.17
80.00	11.80	9.51
0.00	0.00	0.00

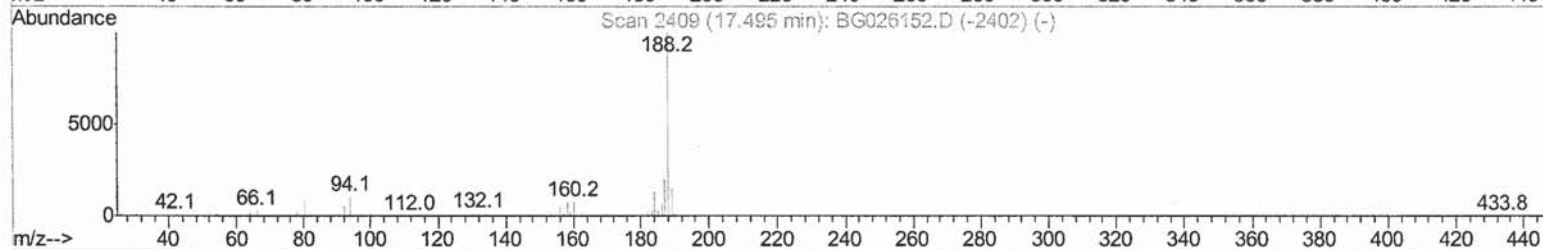
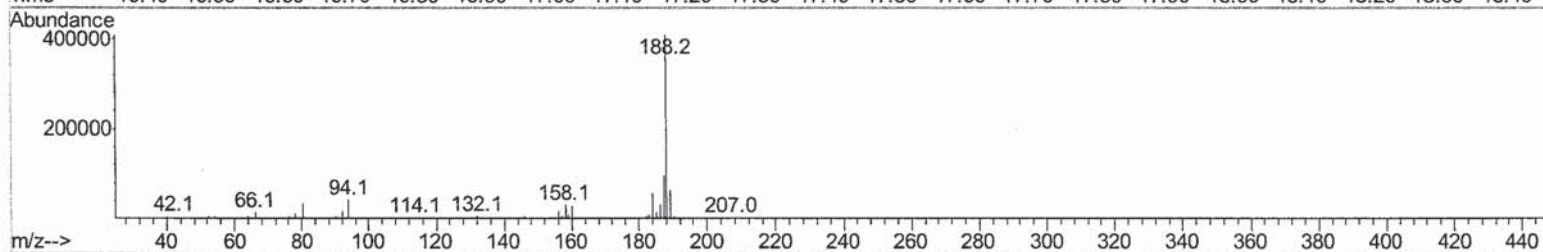
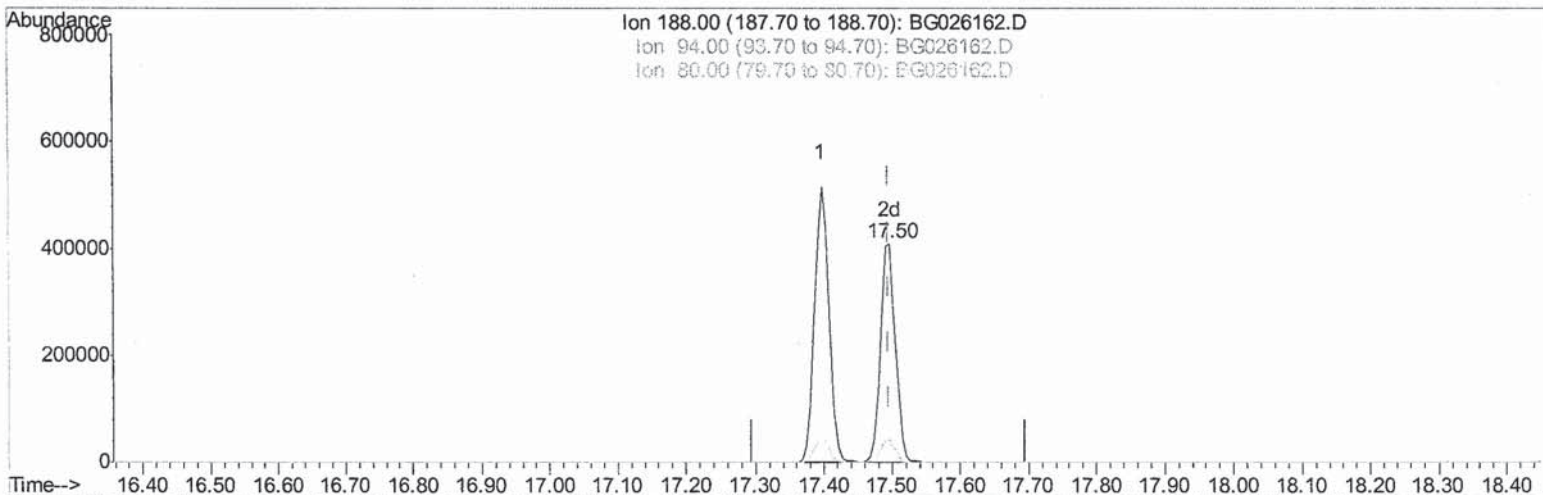
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026162.D
Acq On : 9 Mar 2017 23:13
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:00:06 PM

Quant Time: Mar 10 02:13:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 02:13:09 2017
Response via : Initial Calibration



TIC: BG026162.D

(13) Anthracene-d10 (S)

17.497min (+0.002) 18.25ng/ul m SJ 3/13/17

response 624427

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	10.22
80.00	11.80	8.37#
0.00	0.00	0.00

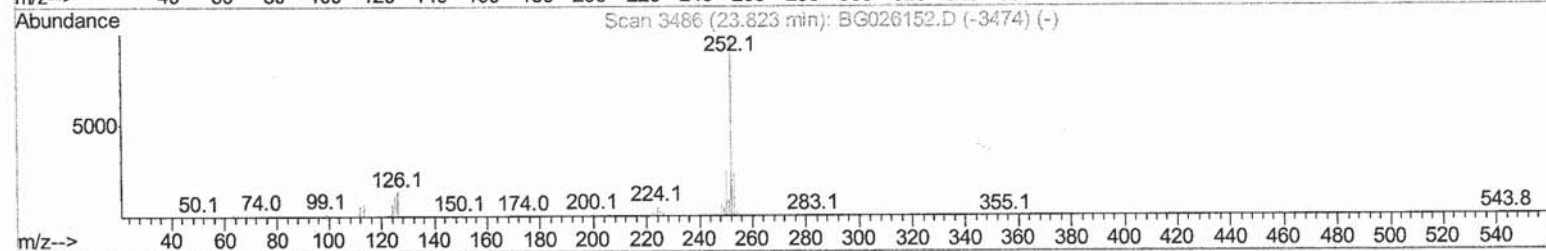
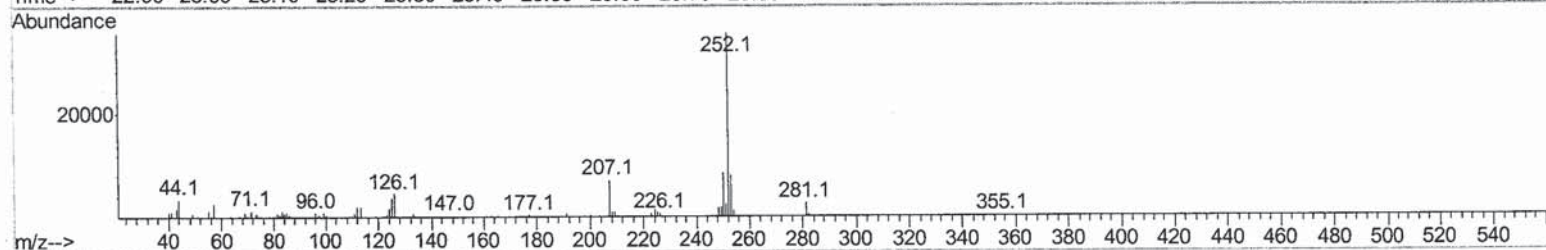
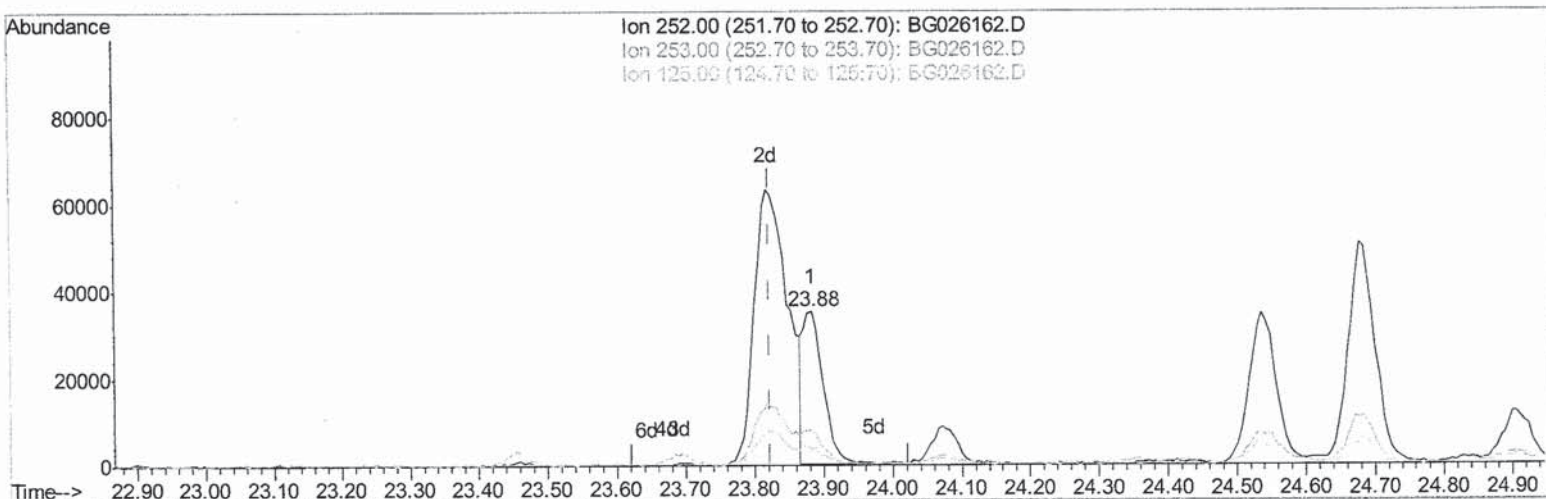
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026162.D
Acq On : 9 Mar 2017 23:13
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:00:06 PM

Quant Time: Mar 10 02:13:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 02:13:09 2017
Response via : Initial Calibration



TIC: BG026162.D

(22) Benzo(b)fluoranthene

23.884min (+0.061) 1.61ng/ul

response 70101

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.91
125.00	10.00	10.59
0.00	0.00	0.00

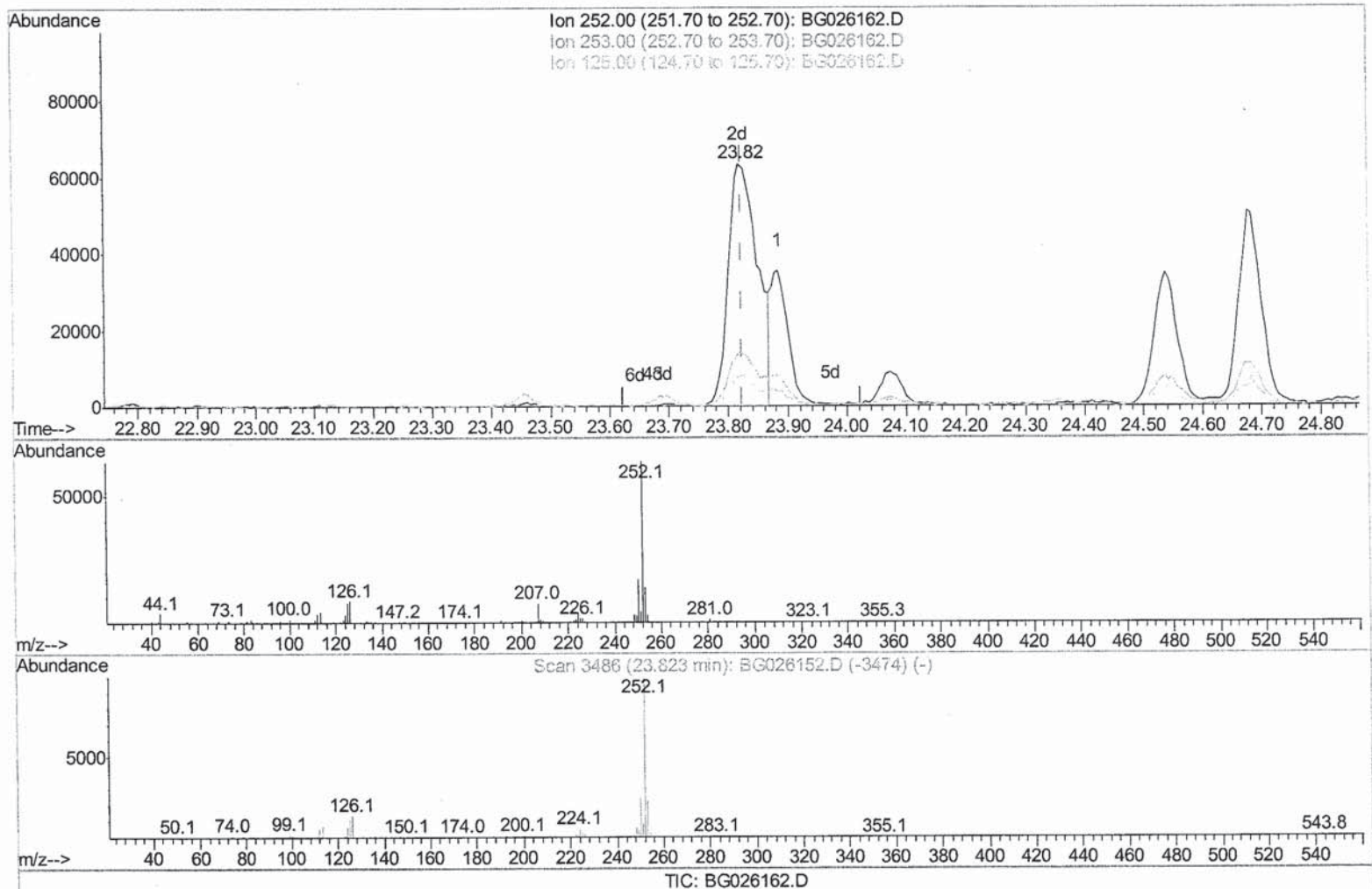
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026162.D
Acq On : 9 Mar 2017 23:13
Operator : SJ/MA
Sample : I2069-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AJ7

Manual Integrations
APPROVED

mohammad
3/10/2017 6:00:06 PM

Quant Time: Mar 10 02:13:54 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 10 02:13:09 2017
Response via : Initial Calibration



(22) Benzo(b)fluoranthene

23.819min (-0.004) 4.95ng/ul m 51 3/13/17

response 215551

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	22.26
125.00	10.00	12.27#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
 Data File : BG026162.D
 Acq On : 9 Mar 2017 23:13
 Operator : SJ/MA
 Sample : I2069-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AJ7

Manual Integrations
 APPROVED

mohammad
 3/10/2017 6:00:06 PM

Quant Time: Mar 10 02:26:04 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 02:13:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	109318	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	504759	20.00	ng/ul	0.00
5) Acenaphthene-d10	14.67	164	308363	20.00	ng/ul	0.00
11) Phenanthrene-d10	17.40	188	767528	20.00	ng/ul	0.00
16) Chrysene-d12	21.65	240	794275	20.00	ng/ul	0.00
21) Perylene-d12	24.83	264	766478	20.00	ng/ul	0.00

System Monitoring Compounds

6) Acenaphthylene-d8	14.36	160	534945	20.35	ng/ul	0.00
9) Fluorene-d10	15.65	176	405237	21.13	ng/ul	0.00
13) Anthracene-d10	17.50	188	624427m	18.25	ng/ul	0.00
17) Pyrene-d10	19.77	212	742191	18.31	ng/ul	0.00
24) Benzo(a)pyrene-d12	24.61	264	672782	20.35	ng/ul	0.00

SJ 3/13/17

Target Compounds

					Ovalue	
12) Phenanthrene	17.44	178	139617	3.43	ng/ul	98
15) Fluoranthene	19.44	202	316702	7.50	ng/ul	98
18) Pyrene	19.80	202	266712	5.27	ng/ul	99
19) Benzo(a)anthracene	21.62	228	168127	3.80	ng/ul	98
20) Chrysene	21.69	228	168202	4.08	ng/ul	99
22) Benzo(b)fluoranthene	23.82	252	215551m	4.95	ng/ul	99
23) Benzo(k)fluoranthene	23.88	252	69787	1.68	ng/ul	99
25) Benzo(a)pyrene	24.68	252	133253	3.30	ng/ul	99
26) Indeno(1,2,3-cd)pyrene	28.46	276	86305	1.93	ng/ul	98
28) Benzo(g,h,i)perylene	29.59	276	69506	1.81	ng/ul	99

SJ 3/13/17

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