

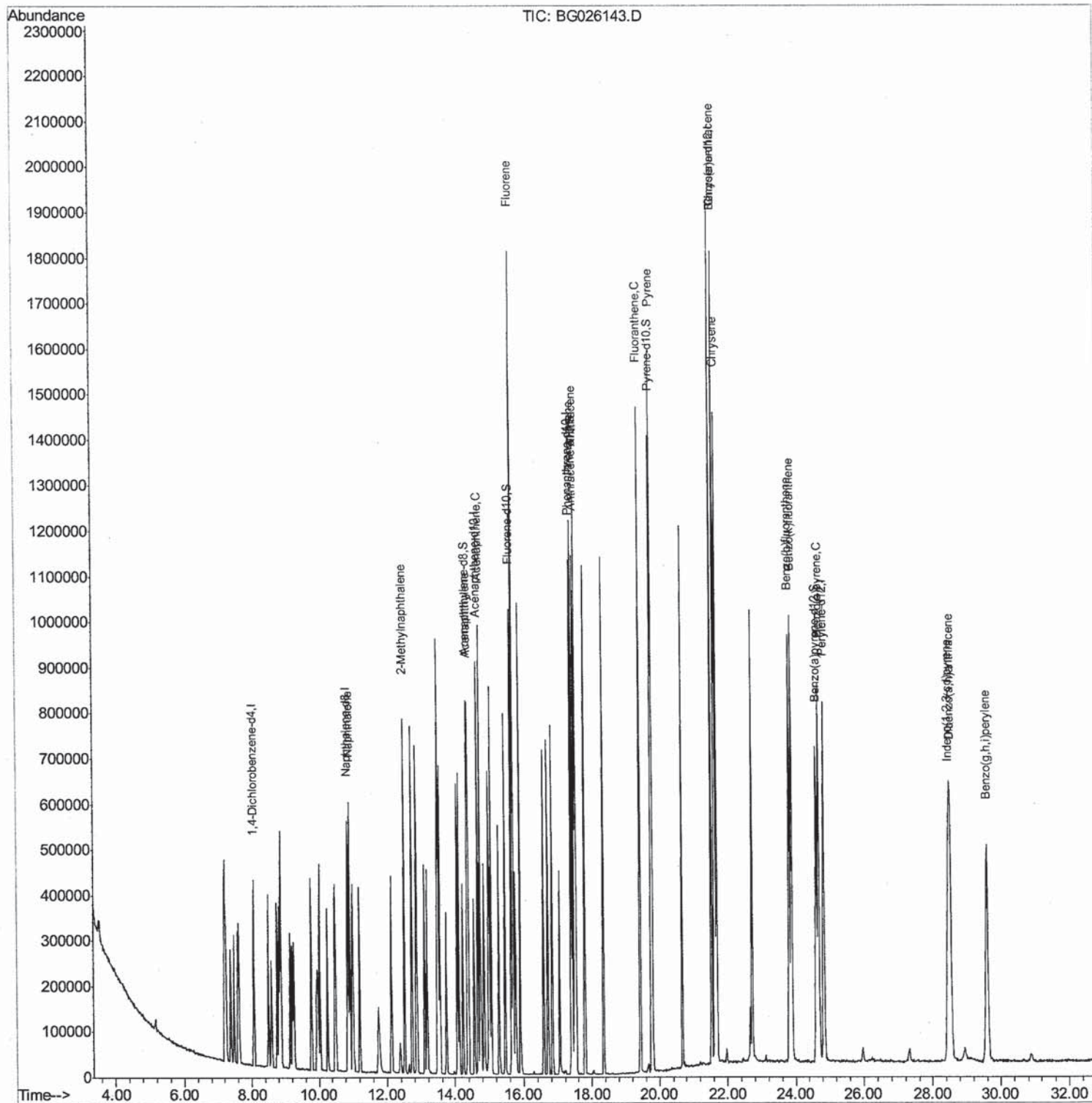
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026143.D
Acq On : 9 Mar 2017 10:44
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

mohammad
3/10/2017 5:59:46 PM

Quant Time: Mar 10 01:17:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:12:53 2017
Response via : Initial Calibration



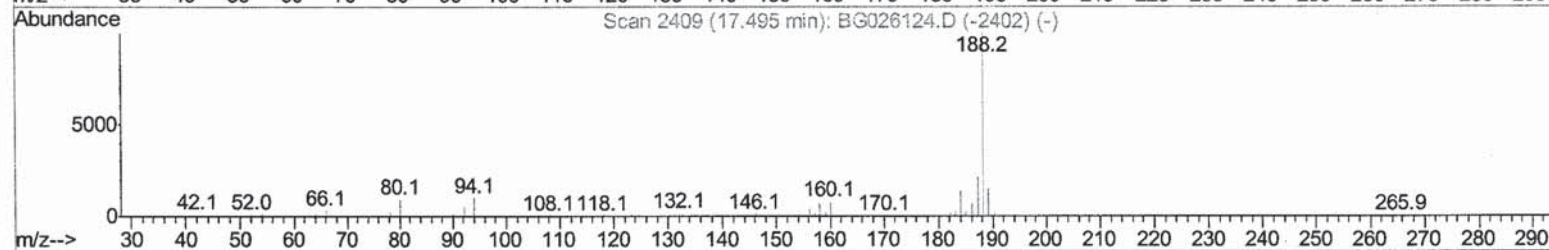
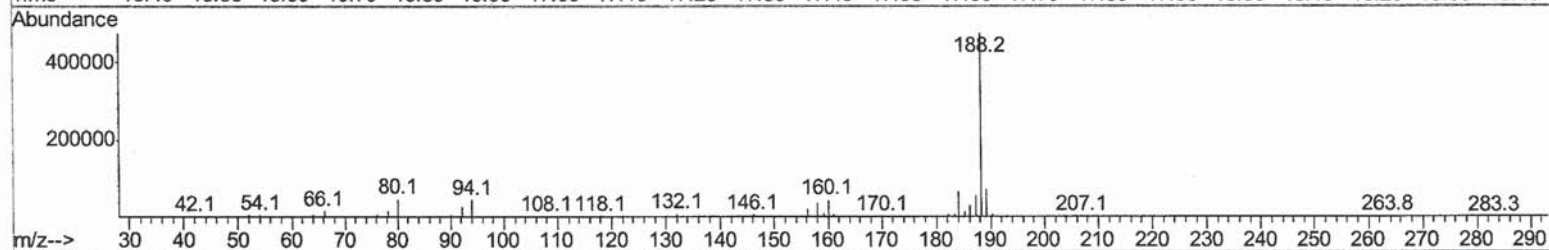
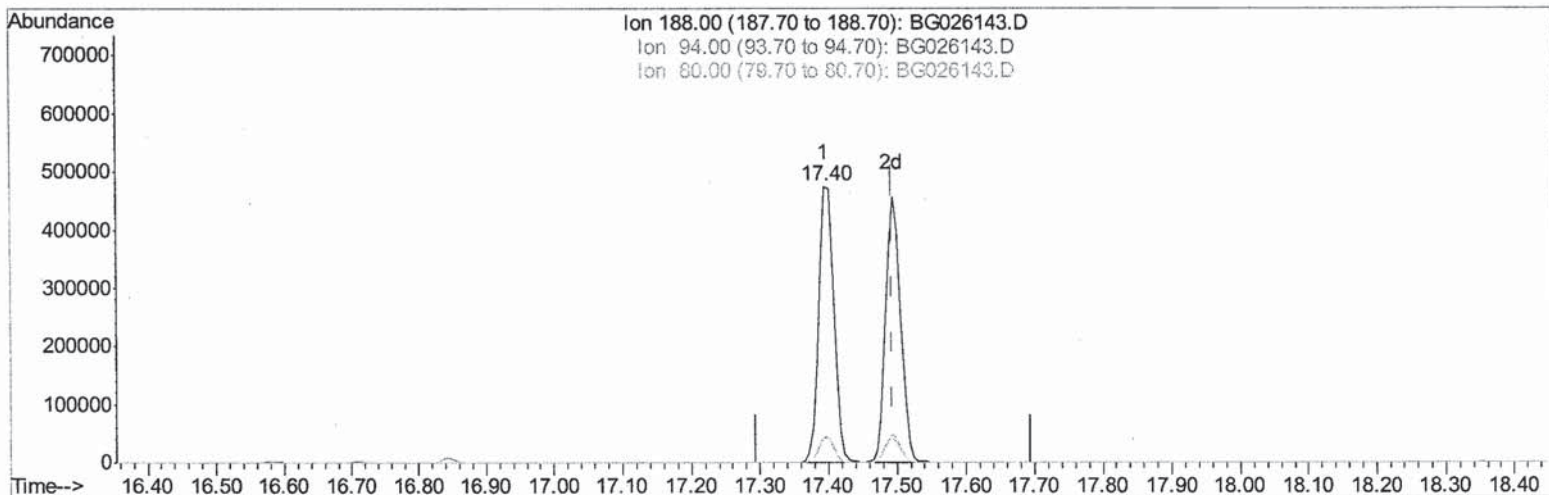
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026143.D
Acq On : 9 Mar 2017 10:44
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

mohammad
3/10/2017 5:59:46 PM

Quant Time: Mar 10 01:16:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:12:53 2017
Response via : Initial Calibration



TIC: BG026143.D

(13) Anthracene-d10 (S)

17.395min (-0.100) 22.43ng/ul

response 734096

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	9.32
80.00	11.80	9.66
0.00	0.00	0.00

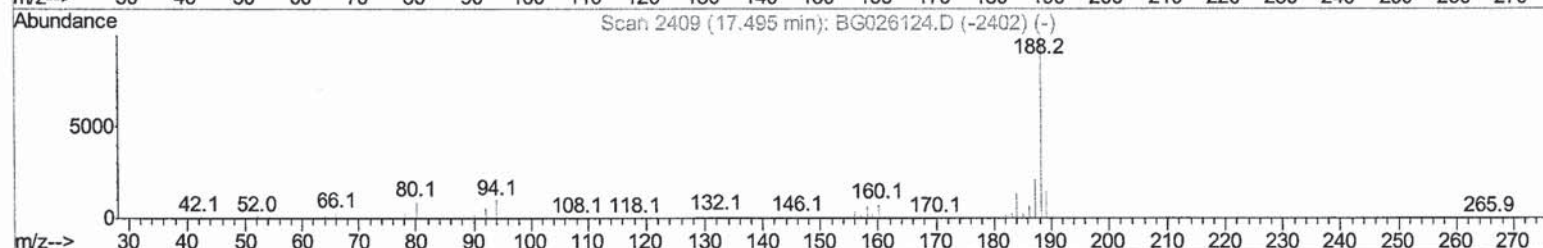
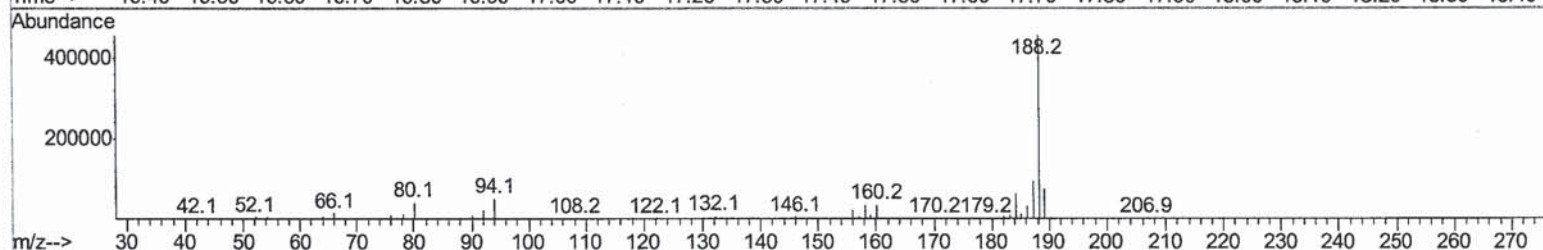
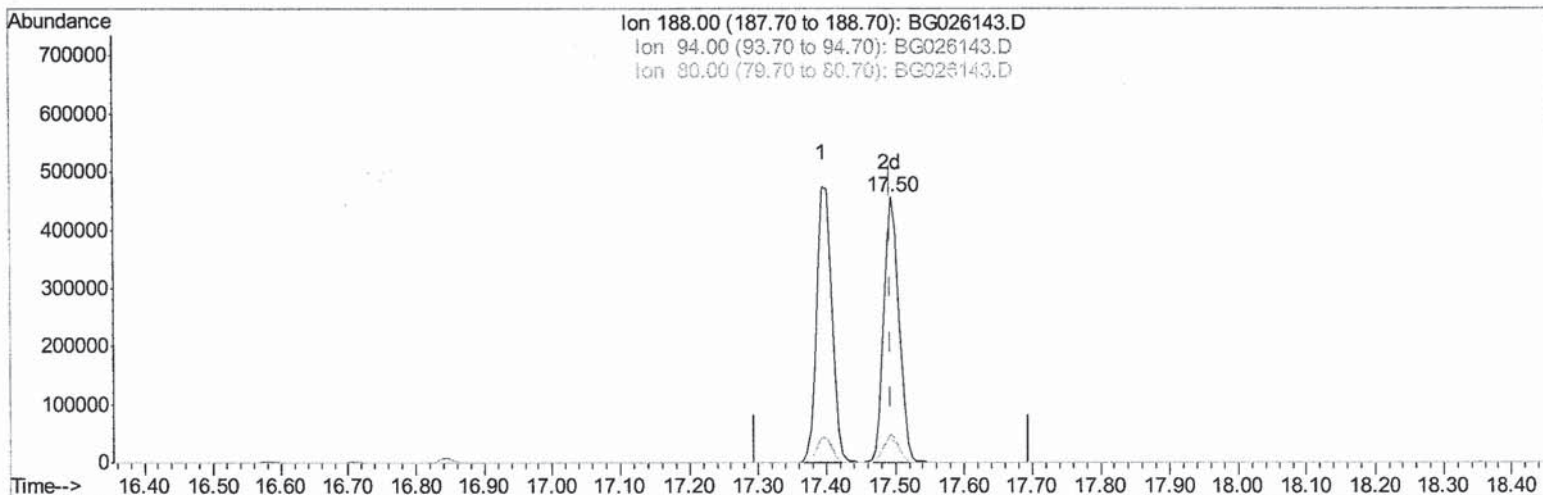
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
Data File : BG026143.D
Acq On : 9 Mar 2017 10:44
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02016

Manual Integrations
APPROVED

mohammad
3/10/2017 5:59:46 PM

Quant Time: Mar 10 01:16:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 09 01:12:53 2017
Response via : Initial Calibration



TIC: BG026143.D

(13) Anthracene-d10 (S)

17.495min (+0.000) 21.11ng/ul m 51 3/13/17

response 690793

Ion	Exp%	Act%
188.00	100	100
94.00	11.10	11.00
80.00	11.80	8.94#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030917\
 Data File : BG026143.D
 Acq On : 9 Mar 2017 10:44
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02016

Manual Integrations
 APPROVED

mohammad
 3/10/2017 5:59:46 PM

Quant Time: Mar 10 01:17:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 09 01:12:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	118040	20.00	ng/ul	0.00
2) Naphthalene-d8	10.87	136	528997	20.00	ng/ul	0.00
5) Acenaphthene-d10	14.67	164	310224	20.00	ng/ul	0.00
11) Phenanthrene-d10	17.40	188	734096	20.00	ng/ul	0.00
16) Chrysene-d12	21.64	240	808636	20.00	ng/ul	0.00
21) Perylene-d12	24.83	264	793277	20.00	ng/ul	0.00

System Monitoring Compounds

6) Acenaphthylene-d8	14.36	160	618119	23.37	ng/ul	0.00
9) Fluorene-d10	15.65	176	445110	23.07	ng/ul	0.00
13) Anthracene-d10	17.50	188	690793m>	21.11	ng/ul	0.00
17) Pyrene-d10	19.77	212	756002	18.32	ng/ul	0.00
24) Benzo(a)pyrene-d12	24.62	264	710418	20.76	ng/ul	0.00

SJ 3/13/17

Target Compounds

					Ovalue
3) Naphthalene	10.91	128	522383	20.19	ng/ul 99
4) 2-Methylnaphthalene	12.51	142	402621	20.98	ng/ul 97
7) Acenaphthylene	14.39	152	615987	22.80	ng/ul 97
8) Acenaphthene	14.73	153	432903	22.67	ng/ul 95
10) Fluorene	15.71	166	496997	23.06	ng/ul 98
12) Phenanthrene	17.44	178	799757	20.56	ng/ul 97
14) Anthracene	17.53	178	825242	21.00	ng/ul 97
15) Fluoranthene	19.44	202	928572	22.99	ng/ul 99
18) Pyrene	19.80	202	937287	18.21	ng/ul 98
19) Benzo(a)anthracene	21.63	228	912749	20.28	ng/ul 97
20) Chrysene	21.69	228	861964	20.53	ng/ul 98
22) Benzo(b)fluoranthene	23.82	252	905923	20.11	ng/ul 98
23) Benzo(k)fluoranthene	23.89	252	901807	20.92	ng/ul 98
25) Benzo(a)pyrene	24.69	252	903820	21.60	ng/ul 99
26) Indeno(1,2,3-cd)pyrene	28.46	276	1060756	22.89	ng/ul# 93
27) Dibenzo(a,h)anthracene	28.52	278	868945	23.71	ng/ul 98
28) Benzo(a,h,i)perylene	29.60	276	873956	22.05	ng/ul# 94

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