

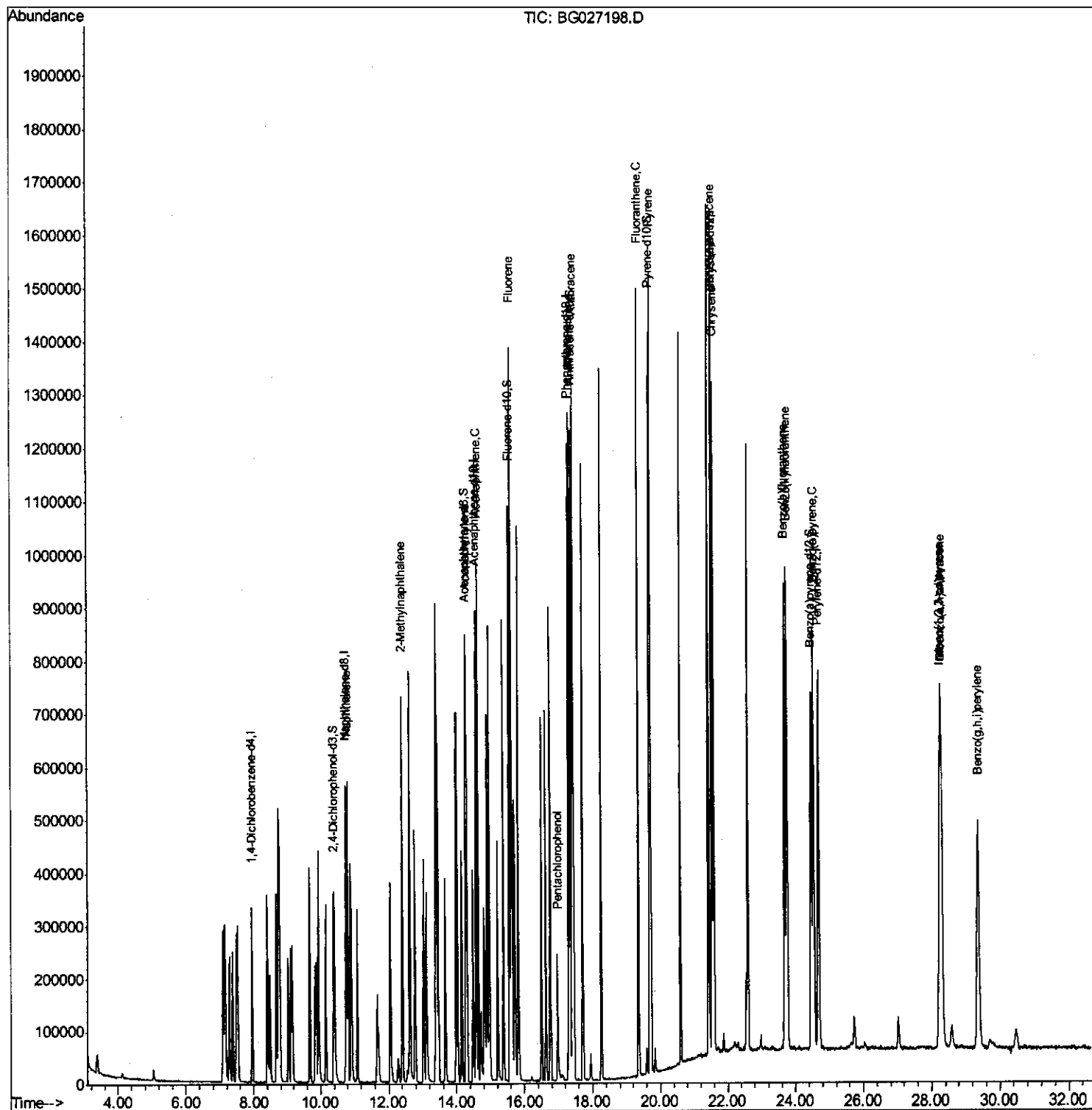
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
Data File : BG027198.D
Acq On : 28 May 2017 13:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampled :
SSTD02075

Manual Integrations
APPROVED

mohammad
5/31/2017 12:59:53 PM

Quant Time: May 29 04:00:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 29 03:58:18 2017
Response via : Initial Calibration



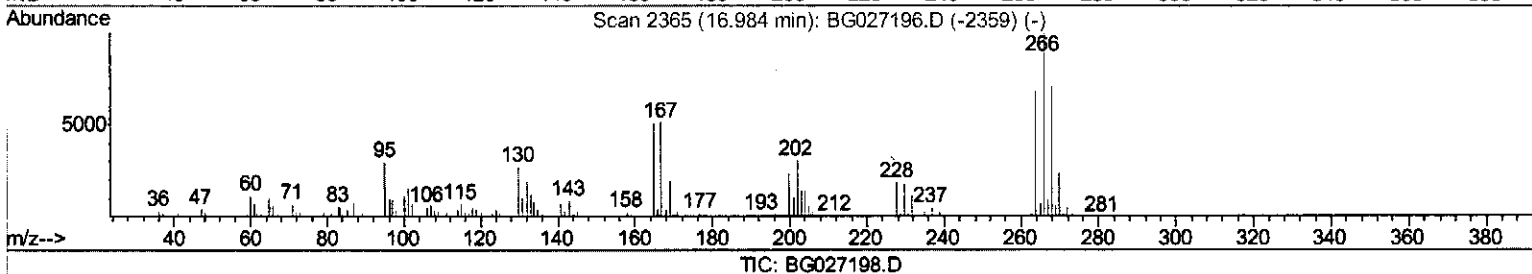
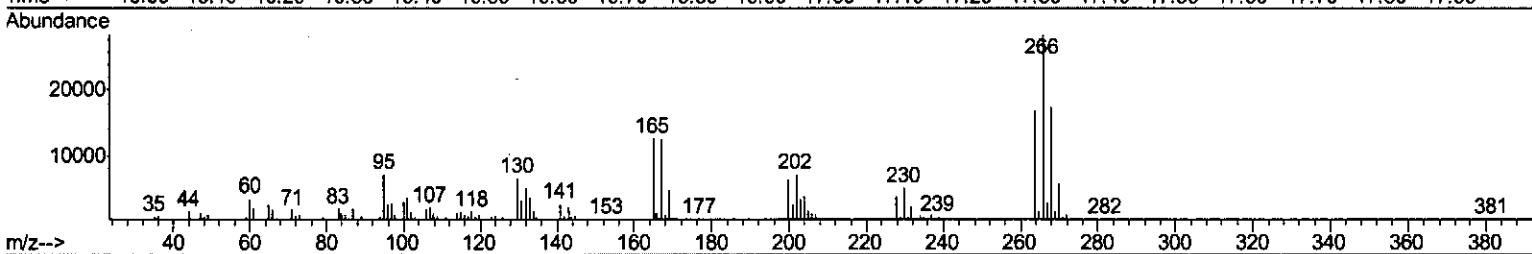
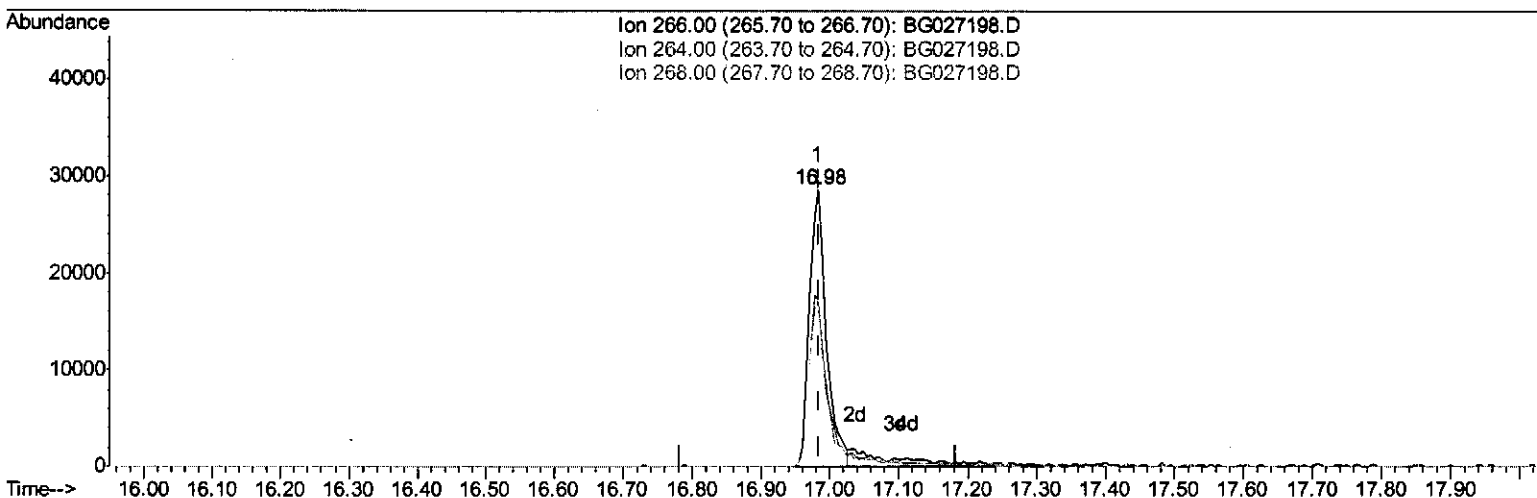
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
Data File : BG027198.D
Acq On : 28 May 2017 13:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02075

Manual Integrations
APPROVED

mohammad
5/31/2017 12:59:53 PM

Quant Time: May 29 03:58:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 29 03:58:18 2017
Response via : Initial Calibration



(13) Pentachlorophenol

16.983min (-0.001) 16.11ng/uL

response 49049

Ion	Exp%	Act%
266.00	100	100
264.00	65.00	58.35
268.00	64.00	60.84
0.00	0.00	0.00

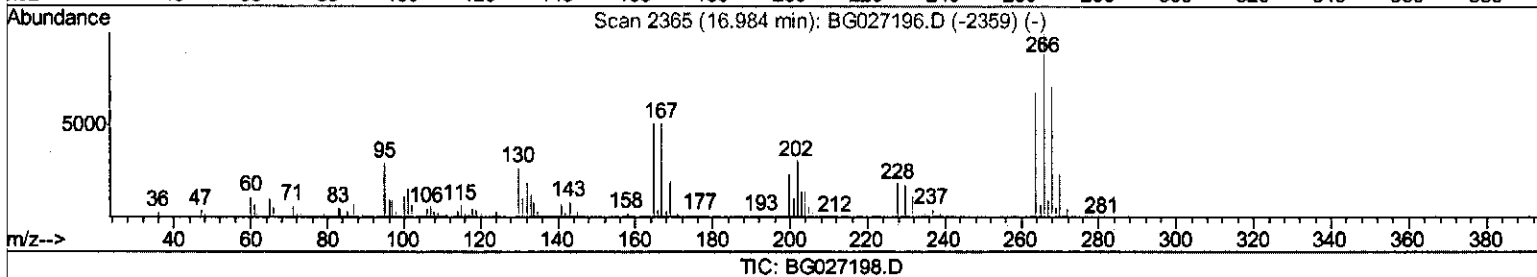
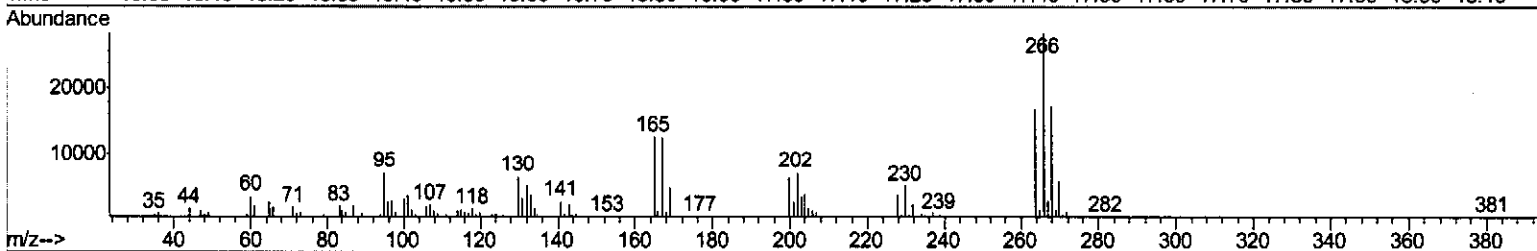
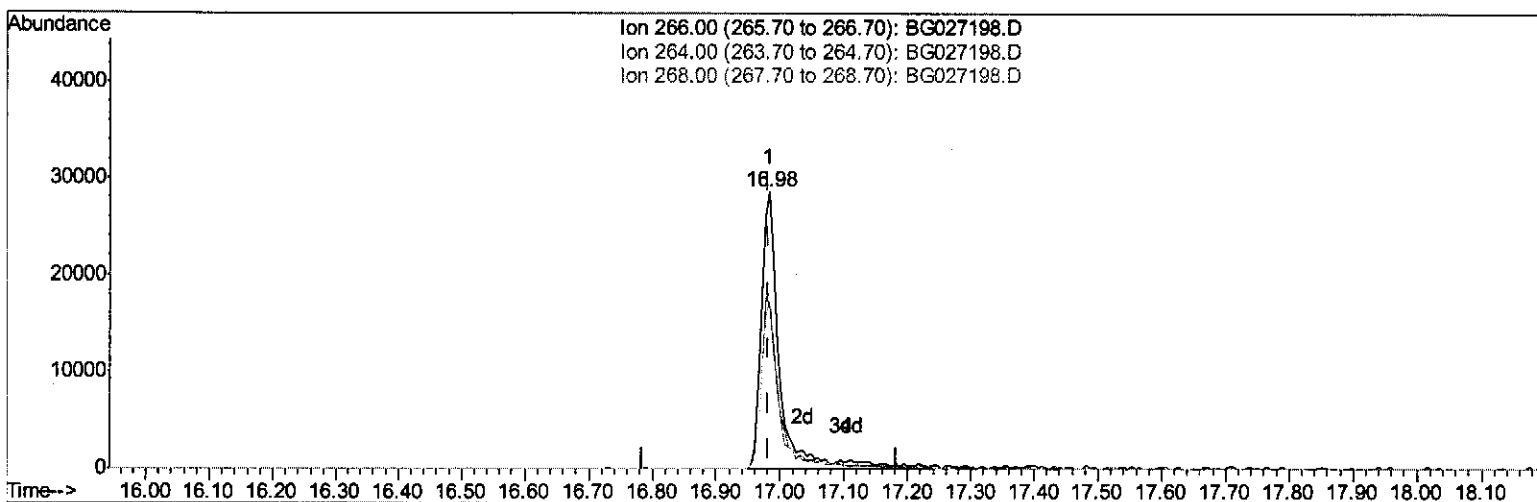
Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
Data File : BG027198.D
Acq On : 28 May 2017 13:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTD02075

Manual Integrations
APPROVED

mohammad
5/31/2017 12:59:53 PM

Quant Time: May 29 03:58:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 29 03:58:18 2017
Response via : Initial Calibration



(13) Pentachlorophenol

16.983min (-0.001) 18.63ng/uL m 51 5/30/17

response 56722

Ion	Exp%	Act%
266.00	100	100
264.00	65.00	58.35
268.00	64.00	60.84
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG052717\
 Data File : BG027198.D
 Acq On : 28 May 2017 13:13
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleId :
 SSTD02075

Manual Integrations
 APPROVED

mohammad
 5/31/2017 12:59:53 PM

Quant Time: May 29 04:00:58 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 29 03:58:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	102777	20.00	nq/ul	0.00
2) Naphthalene-d8	10.75	136	508804	20.00	nq/ul	0.00
6) Acenaphthene-d10	14.58	164	303619	20.00	nq/ul	0.00
12) Phenanthrene-d10	17.32	188	712242	20.00	nq/ul	0.00
18) Chrysene-d12	21.56	240	650666	20.00	nq/ul	0.00
23) Perylene-d12	24.69	264	672310	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 2,4-Dichlorophenol-d3	10.39	165	142113	20.06	nq/uL	0.00
7) Acenaphthylene-d8	14.27	160	606501	20.05	nq/ul	0.00
10) Fluorene-d10	15.57	176	433959	20.96	nq/ul	0.00
15) Anthracene-d10	17.41	188	674282	19.62	nq/ul	0.00
19) Pyrene-d10	19.70	212	679620	19.01	nq/ul	0.00
26) Benzo(a)pyrene-d12	24.47	264	622270	22.40	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Naphthalene	10.81	128	509004	20.43	nq/ul	99
5) 2-Methylnaphthalene	12.41	142	382009	20.26	nq/ul	98
8) Acenaphthylene	14.30	152	612110	20.66	nq/ul	98
9) Acenaphthene	14.64	153	416216	20.64	nq/ul	98
11) Fluorene	15.62	166	486414	21.06	nq/ul	100
13) Pentachlorophenol	16.98	266	567222m	18.63	nq/uL	99
14) Phenanthrene	17.36	178	768984	19.65	nq/ul	99
16) Anthracene	17.45	178	801205	19.65	nq/ul	100
17) Fluoranthene	19.36	202	850333	22.07	nq/ul#	91
20) Pyrene	19.73	202	865419	19.46	nq/ul#	92
21) Benzo(a)anthracene	21.54	228	757749	19.95	nq/ul	99
22) Chrysene	21.60	228	695269	20.21	nq/ul	99
24) Benzo(b)fluoranthene	23.69	252	776352	21.67	nq/ul#	95
25) Benzo(k)fluoranthene	23.76	252	735648	21.22	nq/ul#	95
27) Benzo(a)pyrene	24.54	252	742549	21.92	nq/ul#	94
28) Indeno(1,2,3-cd)pyrene	28.26	276	871080	19.52	nq/ul#	90
29) Dibenzo(a,h)anthracene	28.30	278	732874	19.62	nq/ul#	94
30) Benzo(a,h,i)perylene	29.38	276	723871	20.35	nq/ul#	92

51 5/30/17

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