

Data Path : Z:\HPCHEM1\BNA G\Data\BG052717\
Data File : BG027174.D
Acq On : 27 May 2017 18:10
Operator : SJ/MA
Sample : SSTDC00020
Misc :
ALS Vial : 4 Sample Multiplier: 1

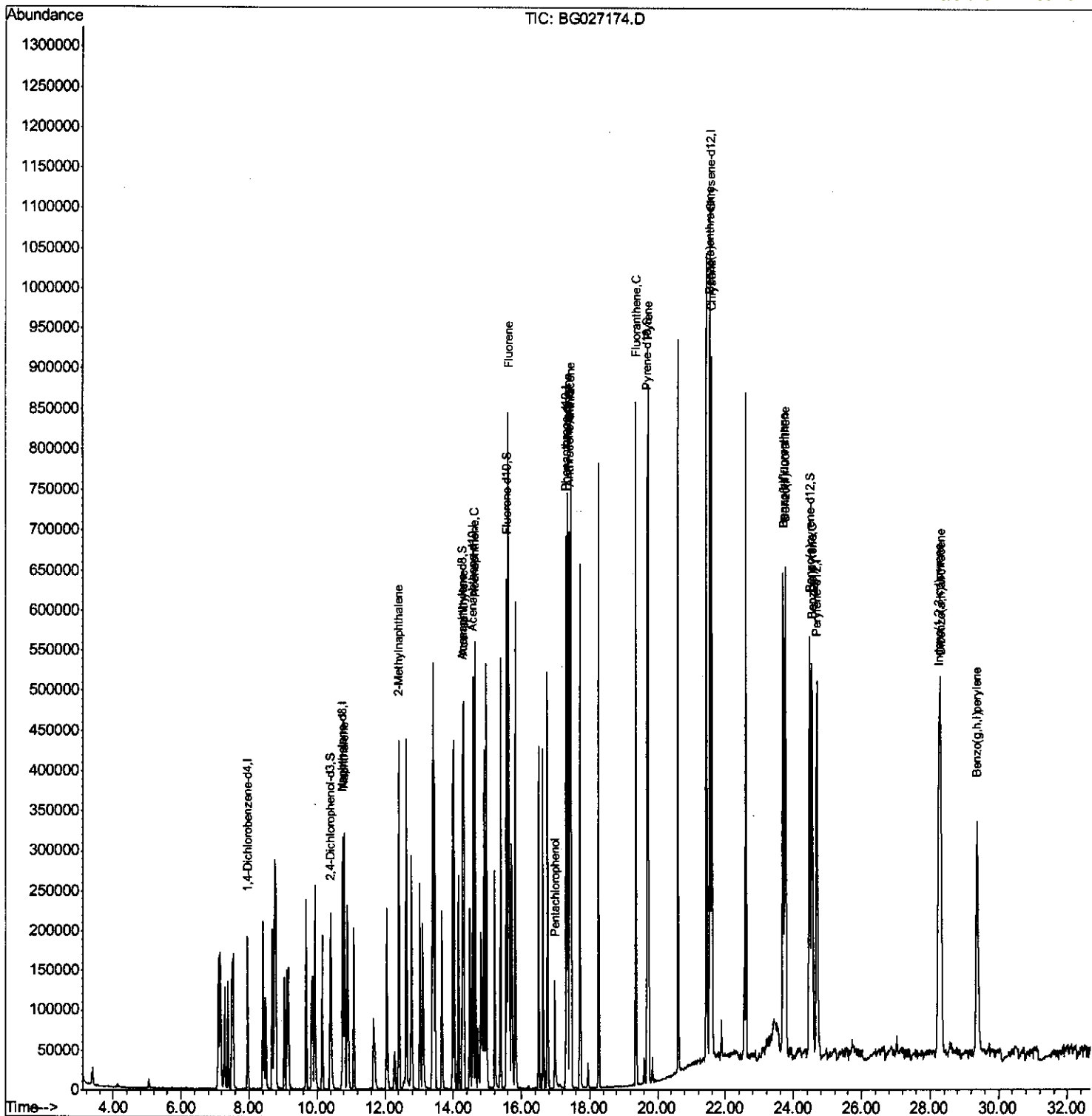
Instrument :
BNA_G
LabSampled :
SSTD02072

Manual Integrations
APPROVED

mohammad

Quant Time: May 29 03:22:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 17:00:58 2017
Response via : Initial Calibration

5/31/2017 12:59:40 PM



Data Path : Z:\HPCHEM1\BNA G\Data\BG052717\
Data File : BG027174.D
Acq On : 27 May 2017 18:10
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

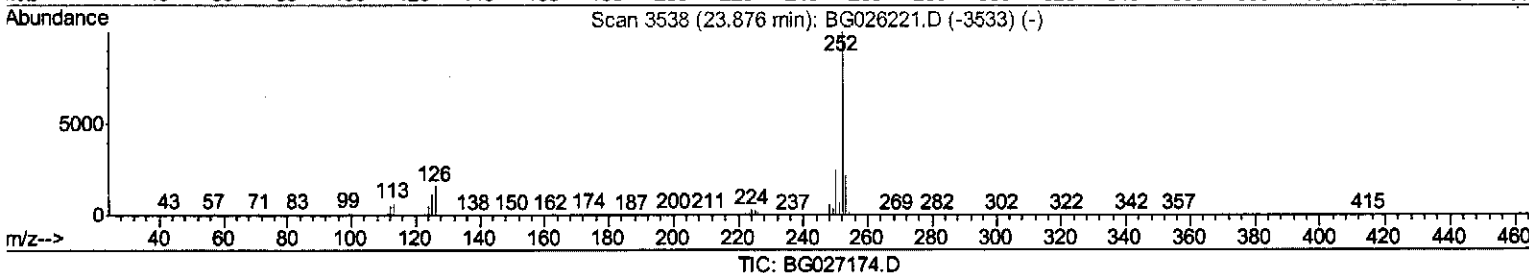
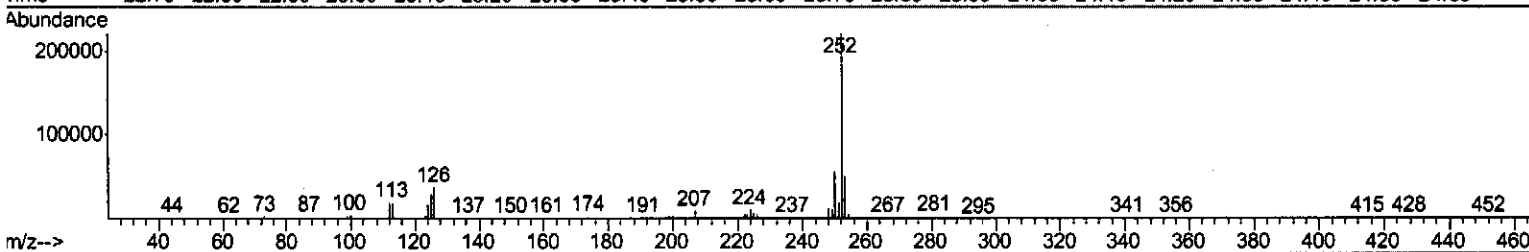
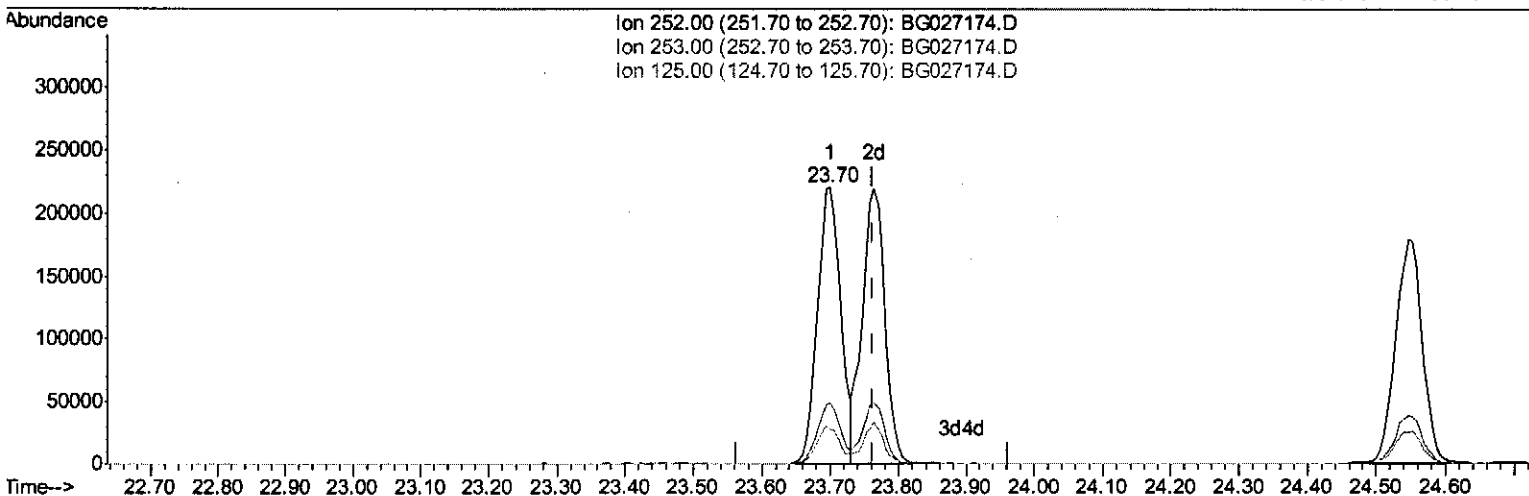
Instrument :
BNA_G
LabSampleId :
SSTD02072

Manual Integrations
APPROVED

mohammad

Quant Time: May 29 03:21:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 17:00:58 2017
Response via : Initial Calibration

5/31/2017 12:59:40 PM



(25) Benzo(k)fluoranthene

23.700min (-0.063) 21.57ng/ul

response 523482

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.42
125.00	11.00	12.84
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG052717\
Data File : BG027174.D
Acq On : 27 May 2017 18:10
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

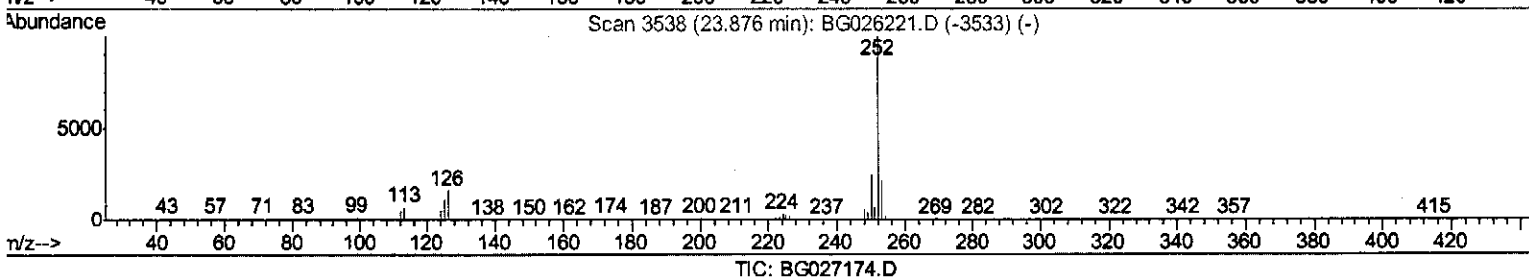
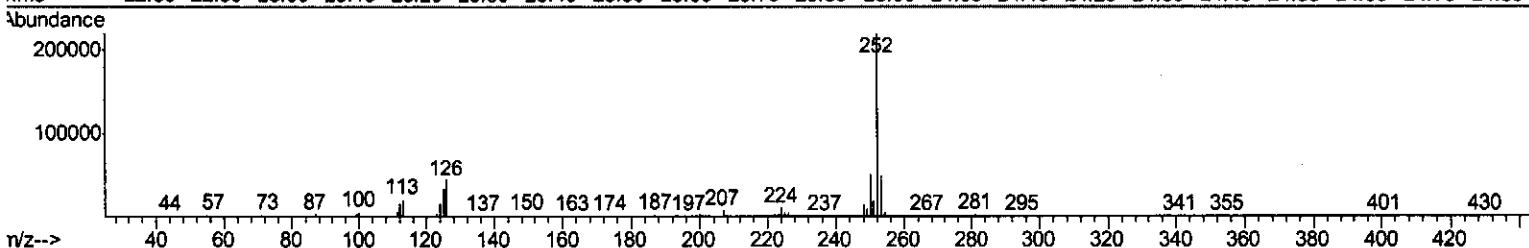
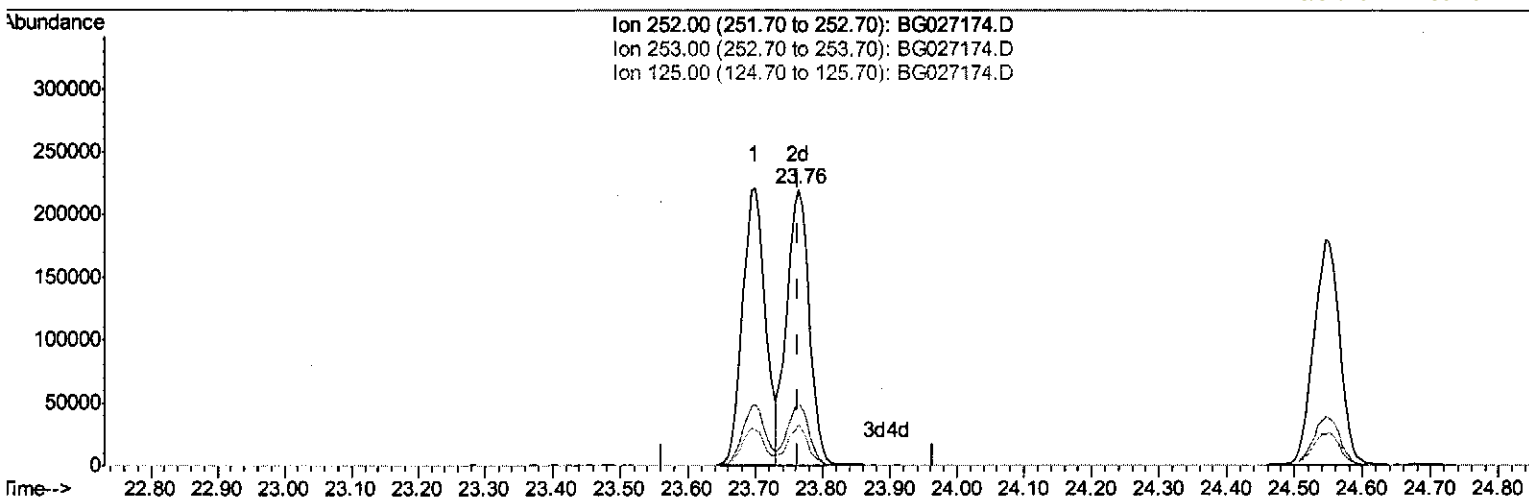
Instrument :
BNA_G
LabSampleId :
SSTD02072

Manual Integrations
APPROVED

mohammad

Quant Time: May 29 03:21:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 27 17:00:58 2017
Response via : Initial Calibration

5/31/2017 12:59:40 PM



(25) Benzo(k)fluoranthene

23.765min (+0.001) 21.02ng/ul m

SJ 5/30/17

response 510074

Ion	Exp%	Act%
252.00	100	100
253.00	21.80	22.13
125.00	11.00	15.11#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG052717\
 Data File : BG027174.D
 Acq On : 27 May 2017 18:10
 Operator : SJ/MA
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 LabSampleID :
 SSTD02072

Manual Integrations
 APPROVED

mohammad

Quant Time: May 29 03:22:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG052717-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat May 27 17:00:58 2017
 Response via : Initial Calibration

5/31/2017 12:59:40 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	56838	20.00	ng/ul	0.00
2) Naphthalene-d8	10.76	136	289421	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.58	164	173106	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.32	188	406218	20.00	ng/ul	0.00
18) Chrysene-d12	21.56	240	433997	20.00	ng/ul	0.00
23) Perylene-d12	24.70	264	470530	20.00	ng/ul	0.00

System Monitoring Compounds

3) 2,4-Dichlorophenol-d3	10.39	165	81768	20.29	ng/uL	0.00
7) Acenaphthylene-d8	14.28	160	357425	20.72	ng/ul	0.00
10) Fluorene-d10	15.57	176	250666	21.23	ng/ul	0.00
15) Anthracene-d10	17.41	188	391441	19.97	ng/ul	0.00
19) Pyrene-d10	19.70	212	398591	16.71	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.48	264	427666	22.00	ng/ul	0.00

Target Compounds

					Qvalue
4) Naphthalene	10.81	128	286629	20.23	ng/ul 100
5) 2-Methylnaphthalene	12.41	142	216050	20.15	ng/ul 98
8) Acenaphthylene	14.31	152	360150	21.33	ng/ul 97
9) Acenaphthene	14.64	153	244161	21.23	ng/ul 96
11) Fluorene	15.62	166	280027	21.26	ng/ul 98
13) Pentachlorophenol	16.98	266	28637	16.49	ng/uL 97
14) Phenanthrene	17.36	178	445599	19.96	ng/ul 98
16) Anthracene	17.45	178	472171	20.31	ng/ul 97
17) Fluoranthene	19.36	202	498533	22.69	ng/ul 97
20) Pyrene	19.73	202	506336	17.07	ng/ul 97
21) Benzo(a)anthracene	21.54	228	503704	19.88	ng/ul 99
22) Chrysene	21.60	228	487792	21.26	ng/ul 98
24) Benzo(b)fluoranthene	23.70	252	523482	20.88	ng/ul 99
25) Benzo(k)fluoranthene	23.76	252	510074m	21.02	ng/ul
27) Benzo(a)pyrene	24.55	252	483376	20.39	ng/ul# 97
28) Indeno(1,2,3-cd)pyrene	28.27	276	606941	19.43	ng/ul# 95
29) Dibenzo(a,h)anthracene	28.32	278	511289	19.56	ng/ul 96
30) Benzo(a,h,i)perylene	29.39	276	466541	18.74	ng/ul 94

5/30/17

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