

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01

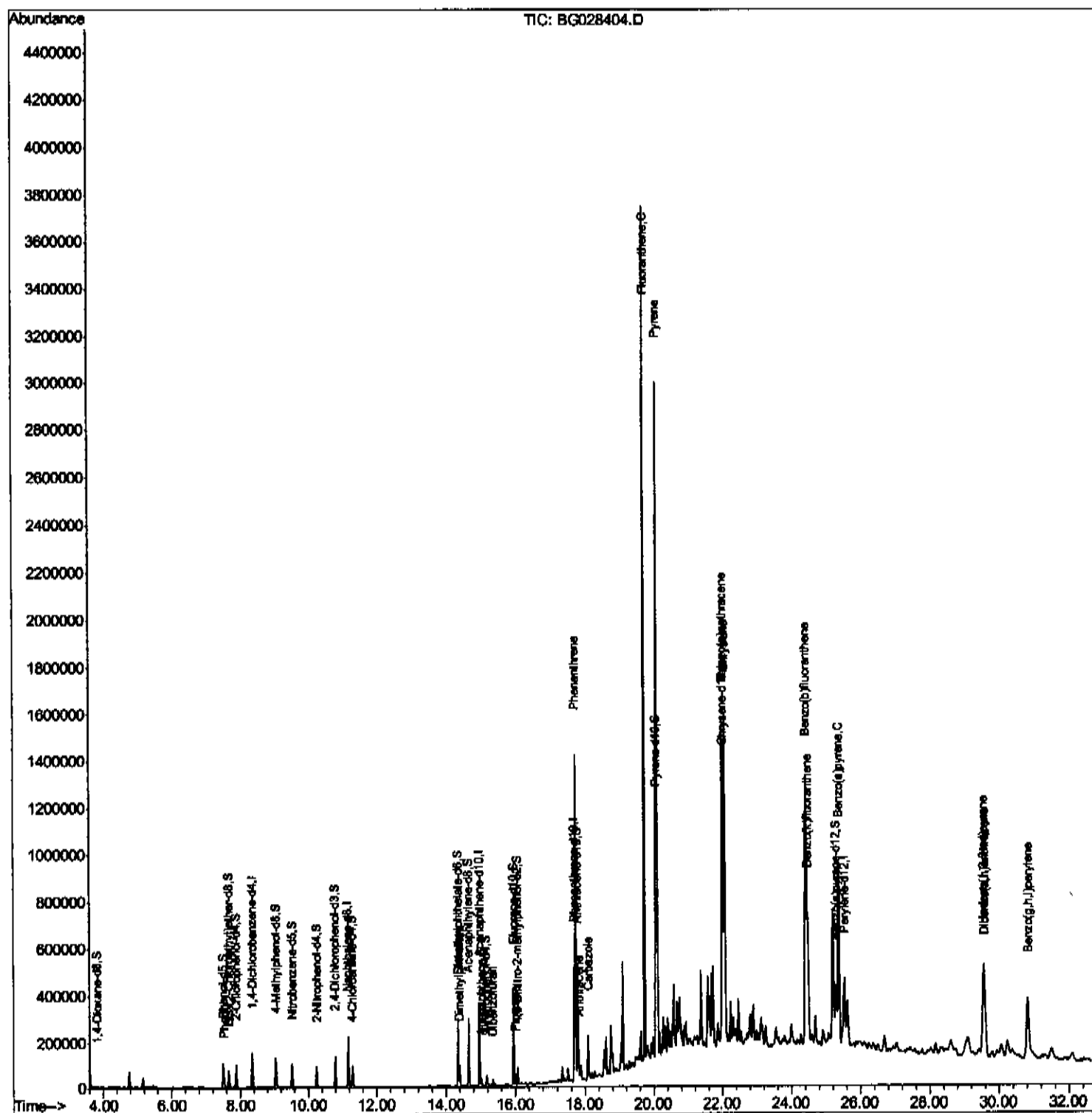
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 22 14:38:43 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampled :
E7GD3

Manual Integrations
APPROVED

Sohil
8/22/2017 5:50:21 PM



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01

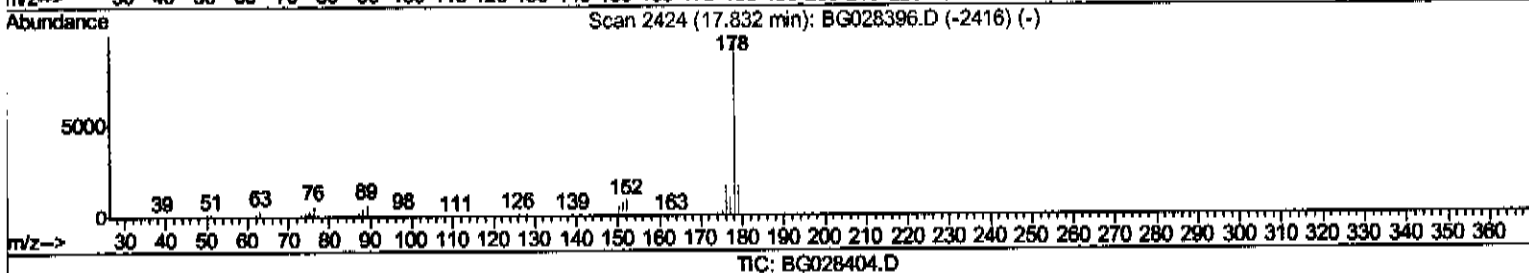
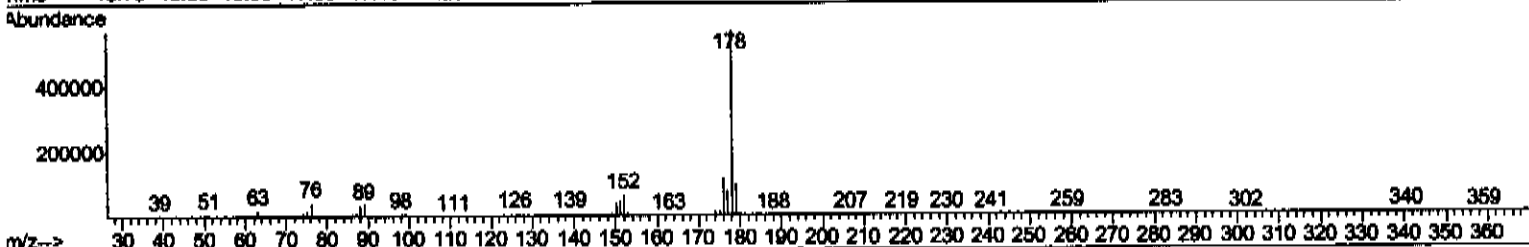
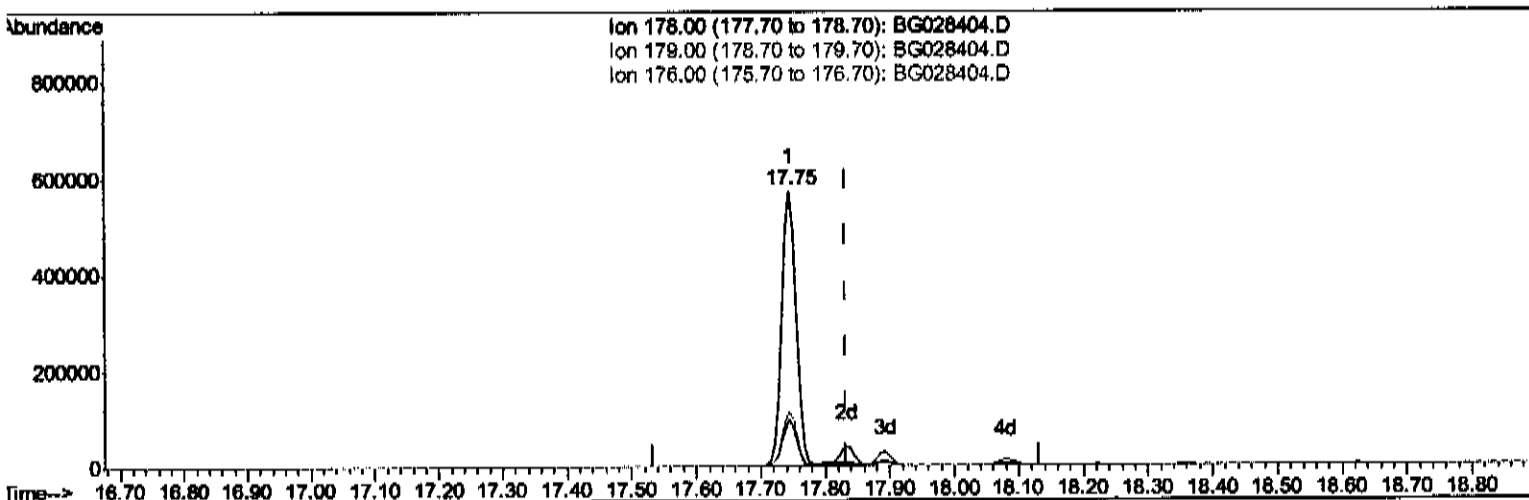
Instrument :
BNA_G
ClientSampleId :
E7GD3

Misc :
ALS Vial : 23 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
8/22/2017 5:50:21 PM

Quant Time: Aug 22 13:58:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration



(71) Anthracene

17.745min (-0.087) 53.94ng/ul

response 896651

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	17.26
176.00	19.90	19.75
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01

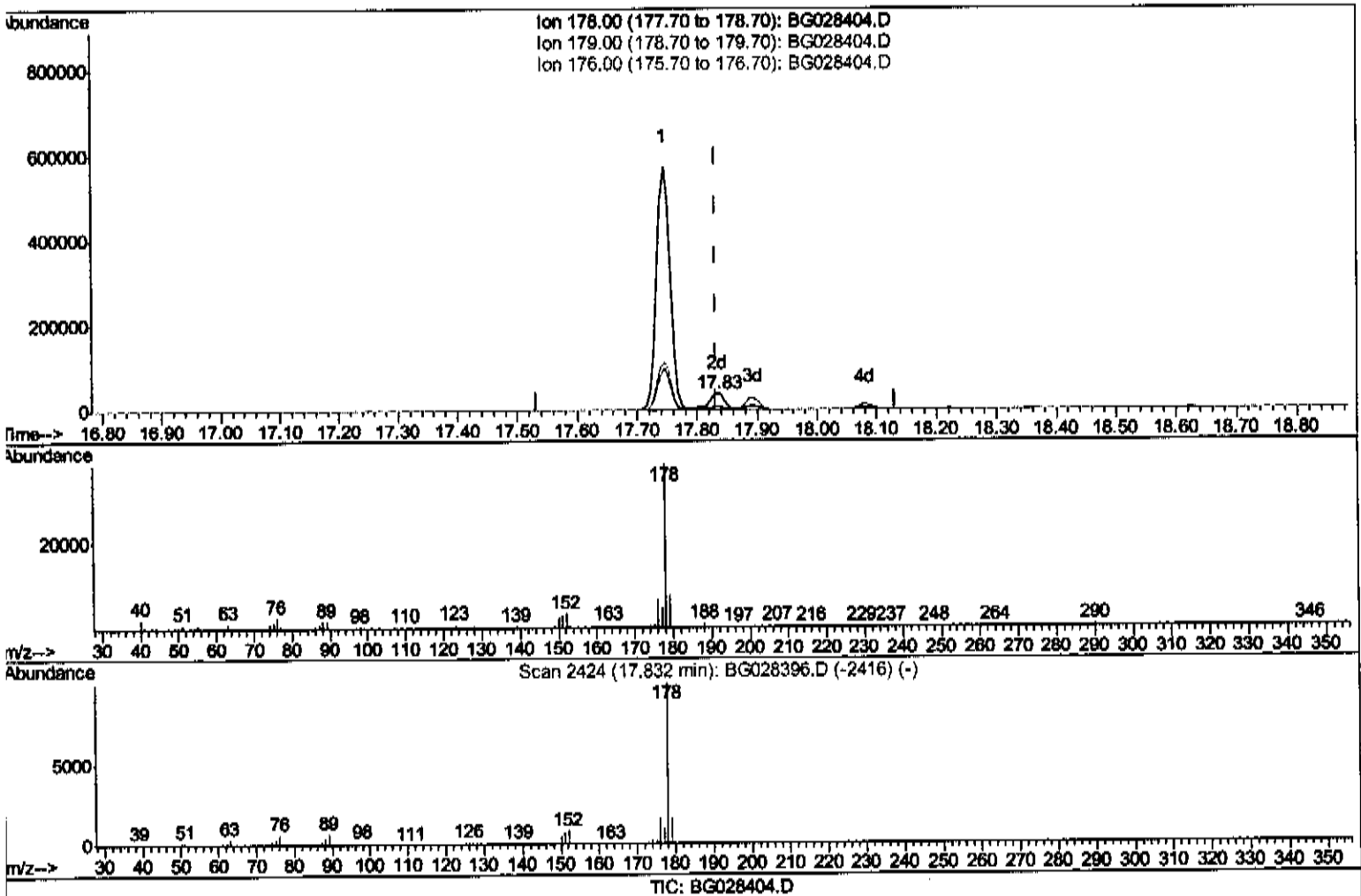
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 22 13:58:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
E7GD3

Manual Integrations
APPROVED

Sohil
8/22/2017 5:50:21 PM



(71) Anthracene

17.833min (+0.001) 4.05ng/ul m *SJL* 8/23/17

response 67250

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	20.54#
176.00	19.90	17.26
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01

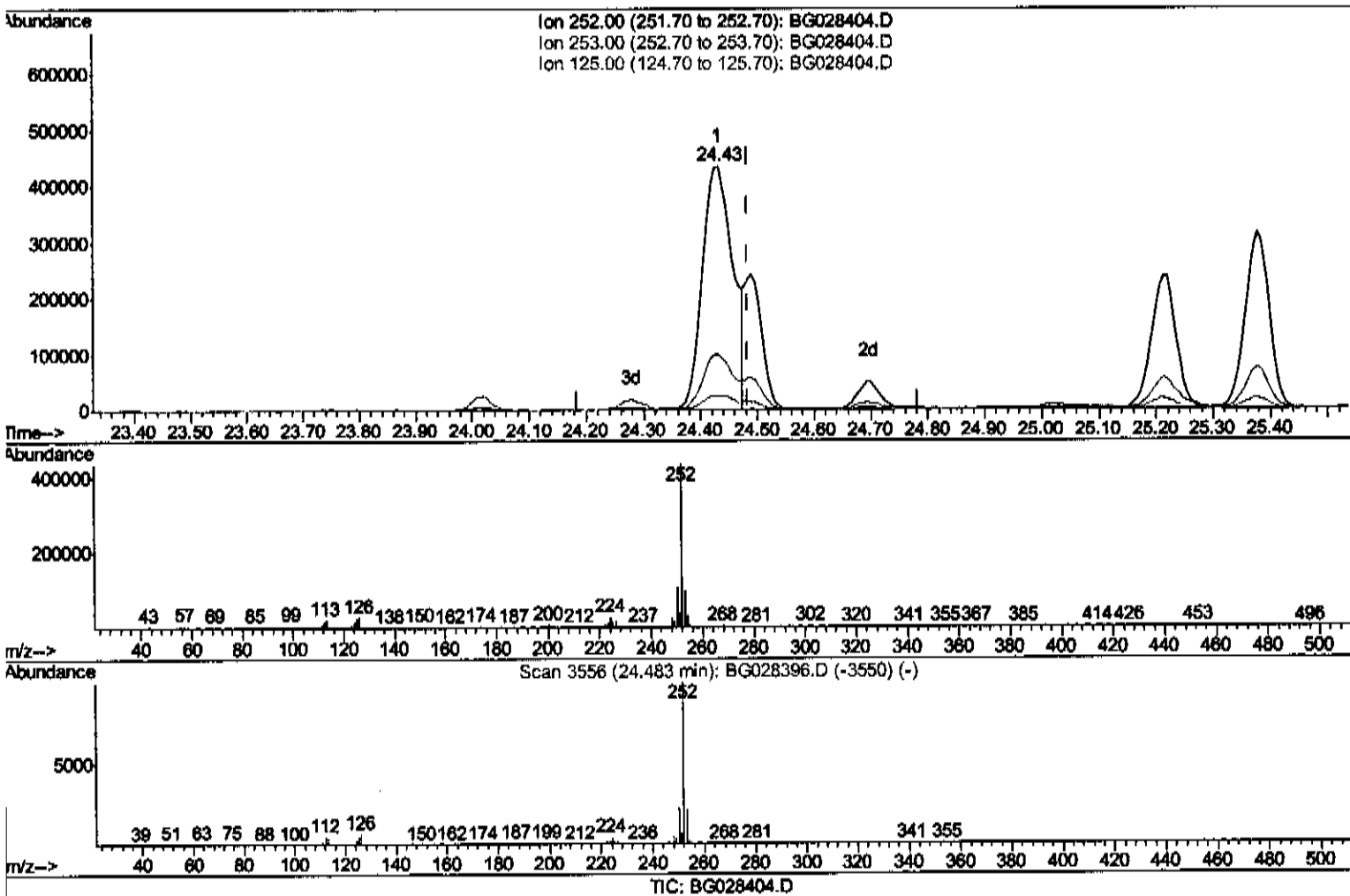
Instrument :
BNA_G
ClientSampleId :
E7GD3

Misc :
ALS Vial : 23 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
8/22/2017 5:50:21 PM

Quant Time: Aug 22 13:58:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.431min (-0.052) 73.80ng/ul

response 1584845

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	22.70
125.00	5.10	6.05
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01

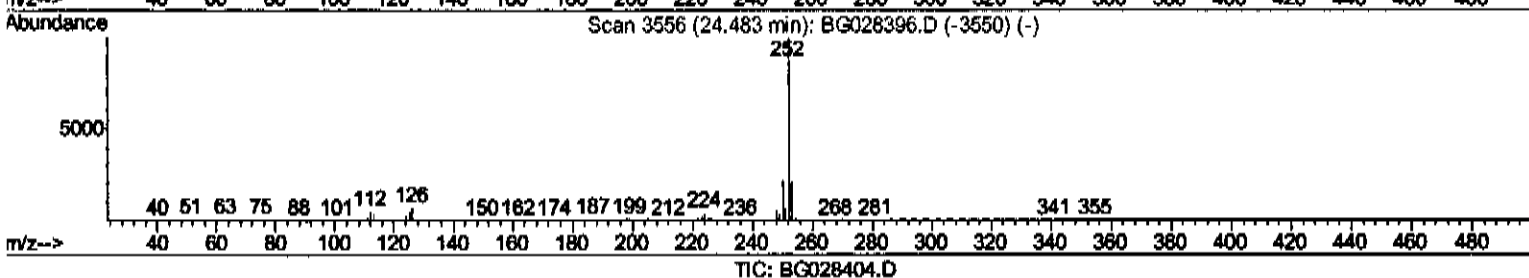
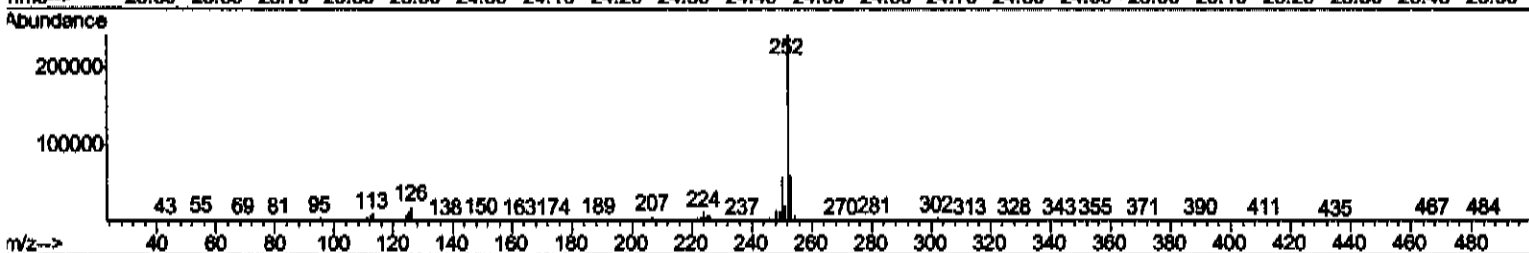
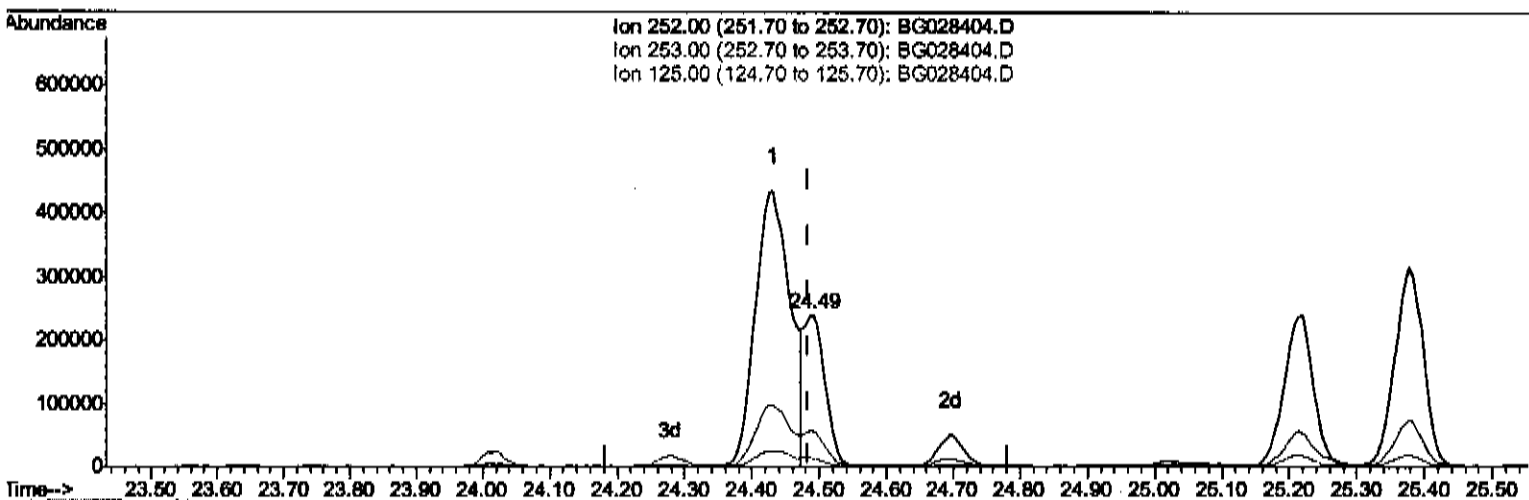
Instrument :
BNA_G
ClientSampleId :
E7GD3

Misc :
ALS Vial : 23 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
8/22/2017 5:50:21 PM

Quant Time: Aug 22 13:58:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration



(86) Benzo(k)fluoranthene

24.490min (+0.007) 24.21ng/ul m *SJS 8/20/17*

response 519935

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	23.83
125.00	5.10	5.57
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01

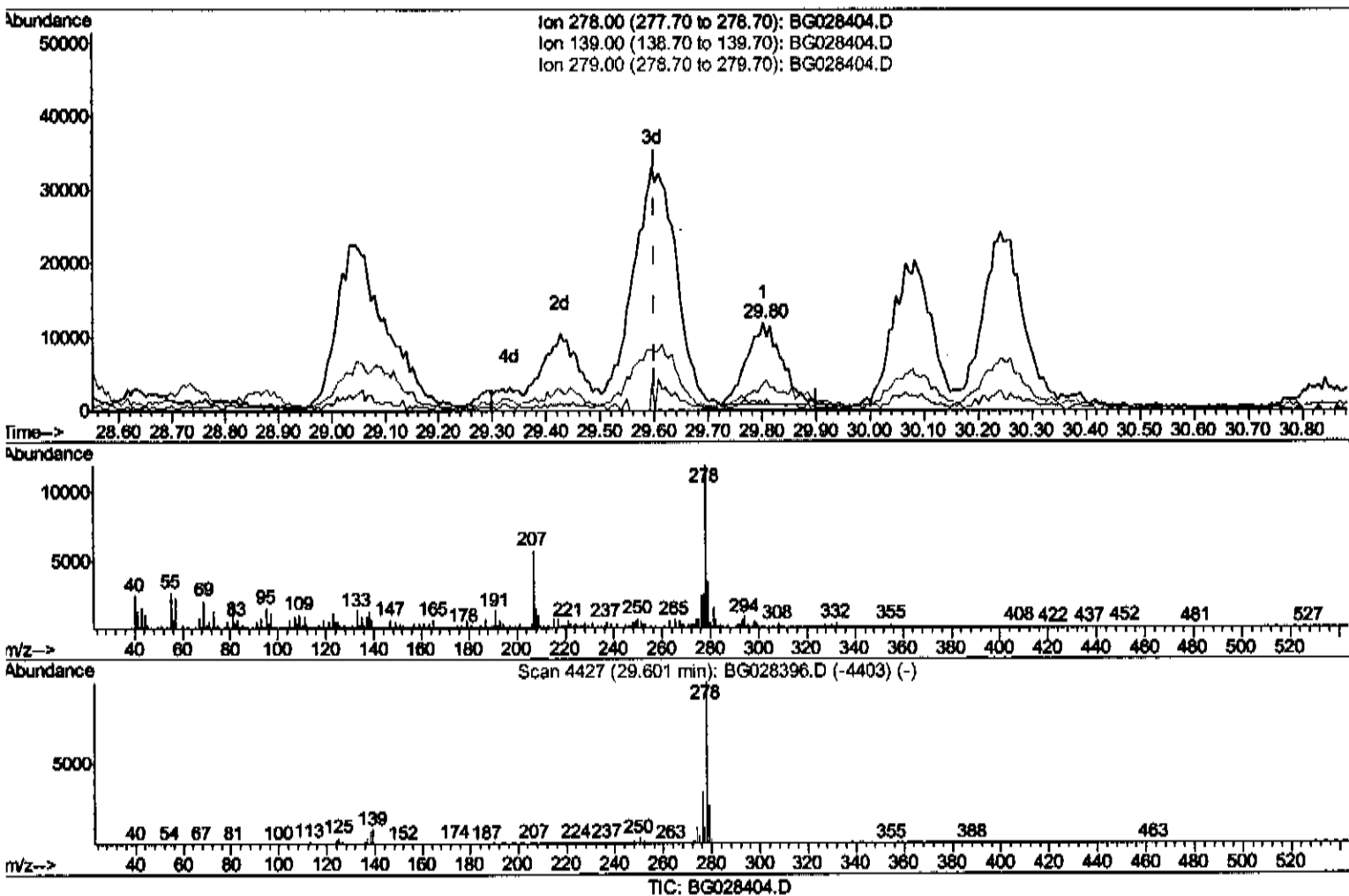
Instrument :
BNA_G
ClientSampleId :
E7GD3

Misc :
ALS Vial : 23 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
8/22/2017 5:50:21 PM

Quant Time: Aug 22 13:58:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

29.802min (+0.201) 2.37ng/ul

response 49604

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	6.92
279.00	26.10	29.92
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
Data File : BG028404.D
Acq On : 22 Aug 2017 1:18
Operator : SJ/JU
Sample : I4714-01

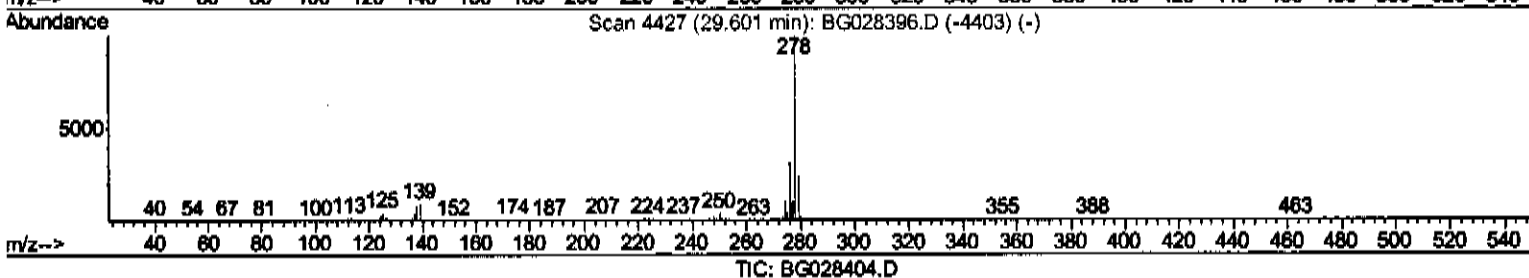
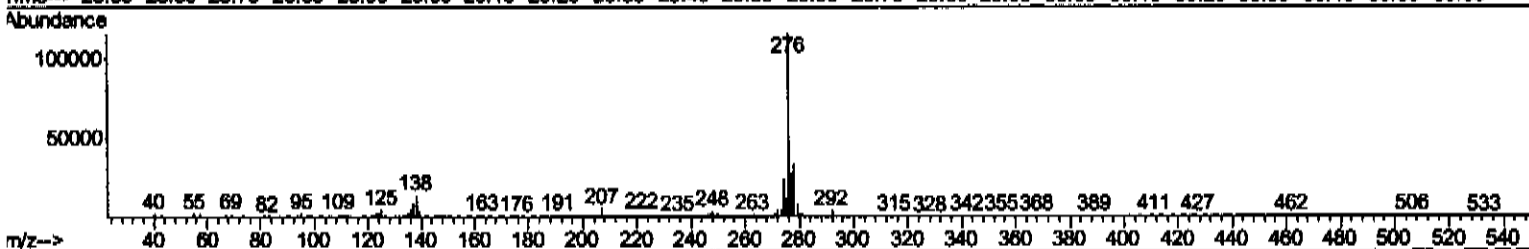
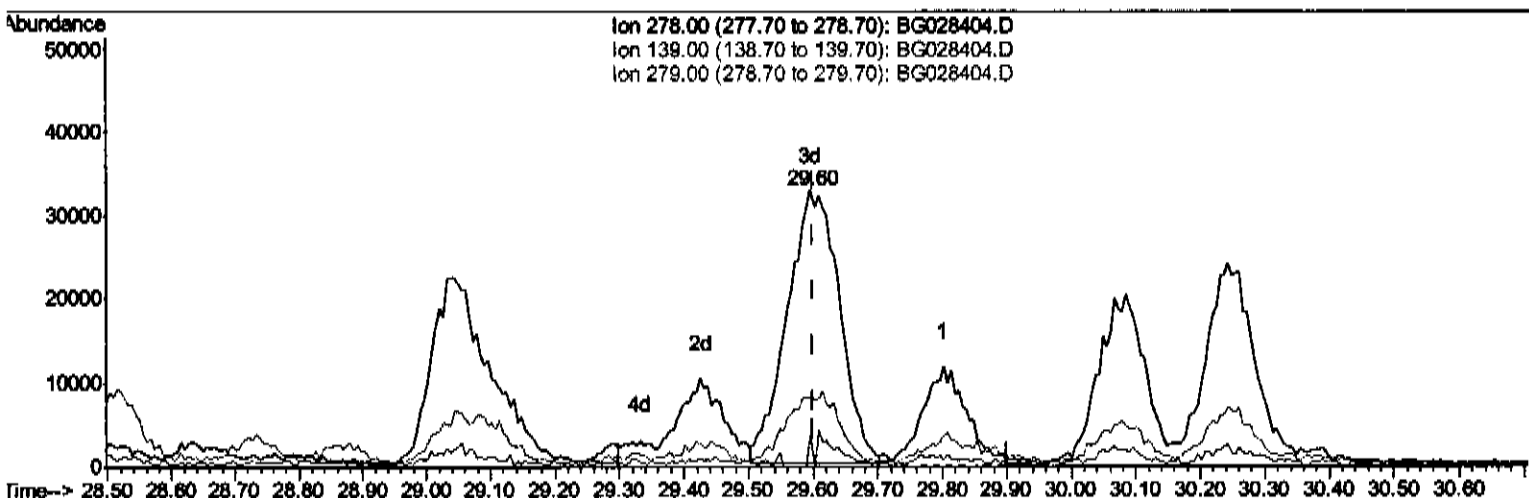
Instrument :
BNA_G
ClientSampleId :
E7GD3

Misc :
ALS Vial : 23 Sample Multiplier: 1

Manual Integrations
APPROVED

Sohil
8/22/2017 5:50:21 PM

Quant Time: Aug 22 13:58:44 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 22 04:33:26 2017
Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

29.596min (-0.005) 8.68ng/ul *PLK 8/25/17*

response 181263

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	11.28#
279.00	26.10	24.87
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082117\
 Data File : BG028404.D
 Acq On : 22 Aug 2017 1:18
 Operator : SJ/JU
 Sample : I4714-01

Instrument :
 BNA_G
 ClientSampled :
 E7GD3

Misc :
 ALS Vial : 23 Sample Multiplier: 1

Manual Integrations
 APPROVED

Sohil
 8/22/2017 5:50:21 PM

Quant Time: Aug 22 14:38:43 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 22 04:33:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	44716	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	184819	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	135906	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	323183	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	376643	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	367372	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	2949	3.07	ng/uL	0.00
5) Phenol-d5	7.50	99	66091	13.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	39240	12.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	48822	15.76	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	57255	13.95	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	24728	17.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	29506	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	57840	17.64	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	54979	15.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	201281	16.65	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	230279	16.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.17	143	14489	7.54	ng/ul	0.01
57) Fluorene-d10	15.94	176	174412	16.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	18357	8.74	ng/ul	0.00
70) Anthracene-d10	17.80	188	288624	18.62	ng/ul	0.00
76) Pyrene-d10	20.08	212	337148	17.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	313640	18.24	ng/ul	0.01

Target Compounds

					Qvalue	
6) Phenol	7.53	94	4987	1.022	ng/ul#	84
44) Dimethylphthalate	14.38	163	59884	5.380	ng/ul	99
49) Acenaphthene	15.01	153	15313	1.743	ng/ul	88
53) Dibenzofuran	15.35	168	14264	1.113	ng/ul	92
58) Fluorene	15.99	166	23233	2.048	ng/ul	95
69) Phenanthrene	17.75	178	896651	55.130	ng/ul	97
71) Anthracene	17.83	178	67250m)	4.046	ng/ul	97
72) Carbazole	18.10	167	130079	8.998	ng/ul	98
74) Fluoranthene	19.75	202	2349757	118.878	ng/ul	99
77) Pyrene	20.11	202	1858414	82.703	ng/ul	99
80) Benzo(a)anthracene	22.01	228	875886	40.248	ng/ul	99
82) Chrysene	22.09	228	1131944	57.754	ng/ul	96
85) Benzo(b)fluoranthene	24.43	252	1584845	72.091	ng/ul#	98
86) Benzo(k)fluoranthene	24.49	252	519935m)	24.212	ng/ul	98
88) Benzo(a)pyrene	25.38	252	923733	43.397	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.57	276	783041	31.414	ng/ul	98
90) Dibenzo(a,h)anthracene	29.60	278	181263m)	8.676	ng/ul	98
91) Benzo(g,h,i)perylene	30.84	276	617948	30.135	ng/ul	94

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