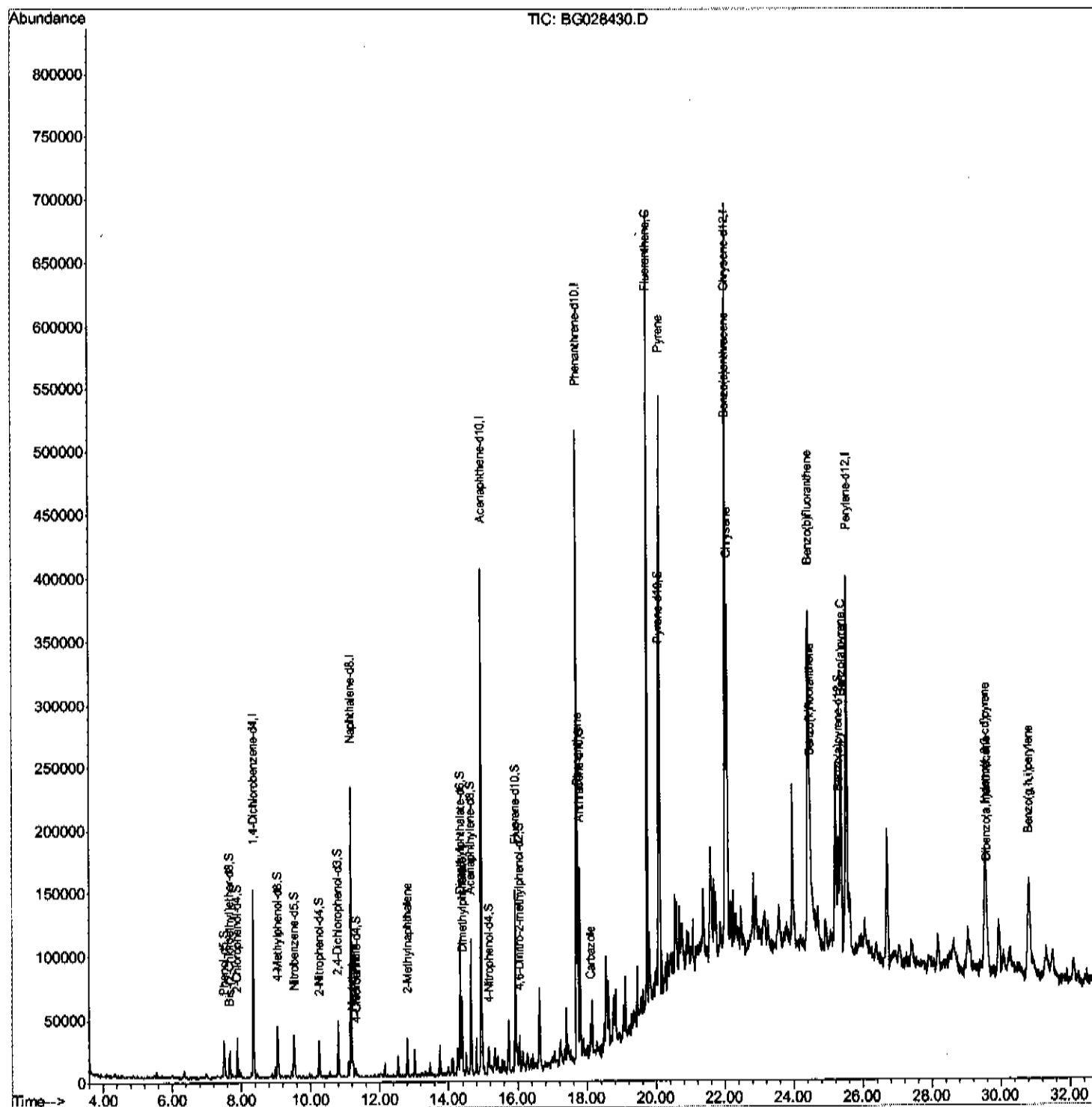


Instrument :
BNA_G
ClientSampleId :
E7GC0DL

Sohil
8/23/2017 3:02:27 PM

Quant Time: Aug 23 07:53:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



Quantitation Report (Qedit)

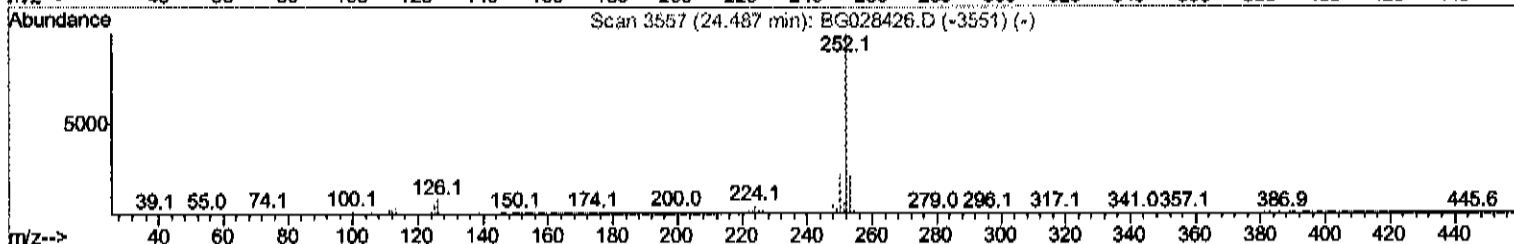
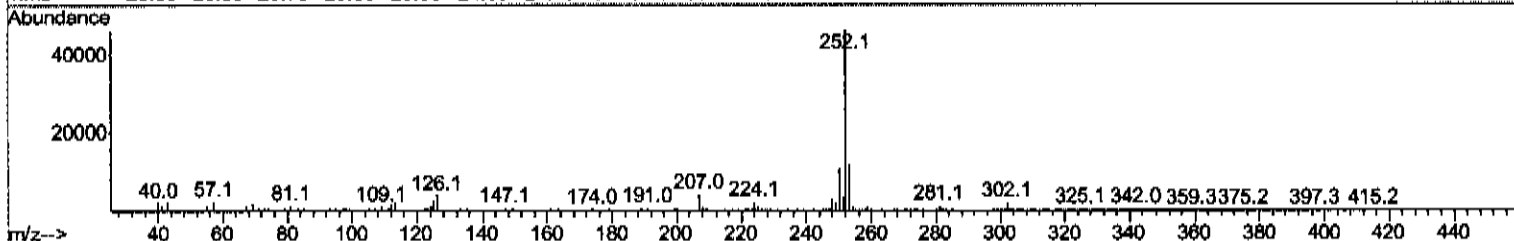
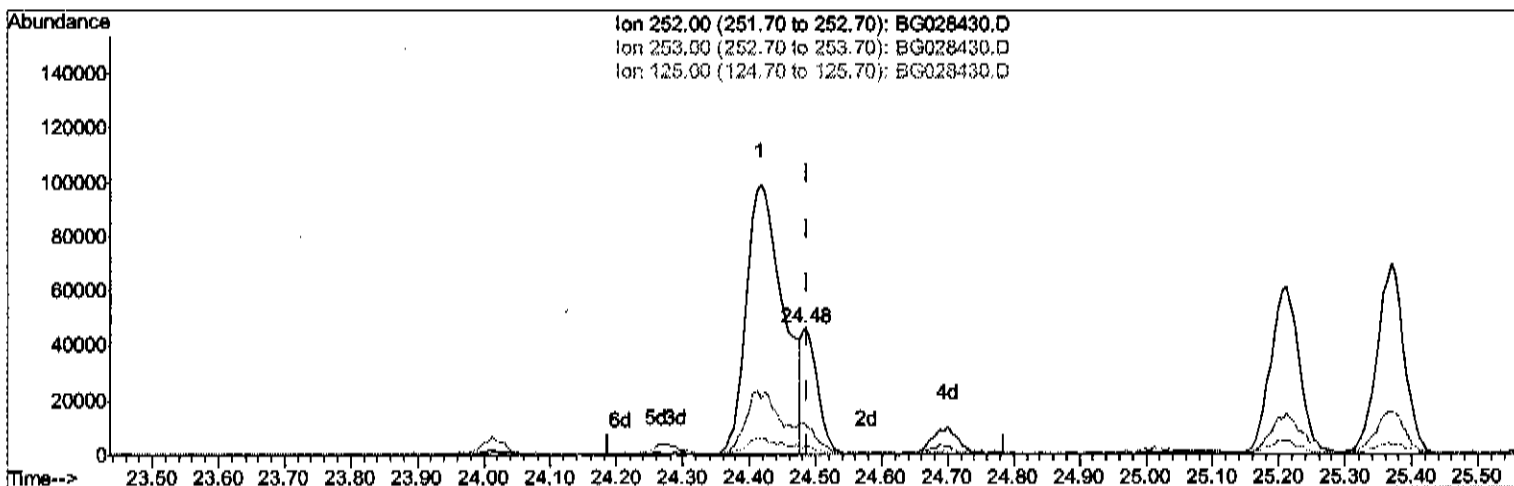
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
Data File : BG028430.D
Acq On : 22 Aug 2017 23:17
Operator : SJ/JU
Sample : I4713-10DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
E7GC0DL

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:27 PM

Quant Time: Aug 23 07:53:33 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



TIC: BG028430.D

(86) Benzo(k)fluoranthene

24.482min (-0.005) 3.65ng/ul m

response 74536

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	25.63
125.00	5.10	6.17#
0.00	0.00	0.00

Quantitation Report (Qedit)

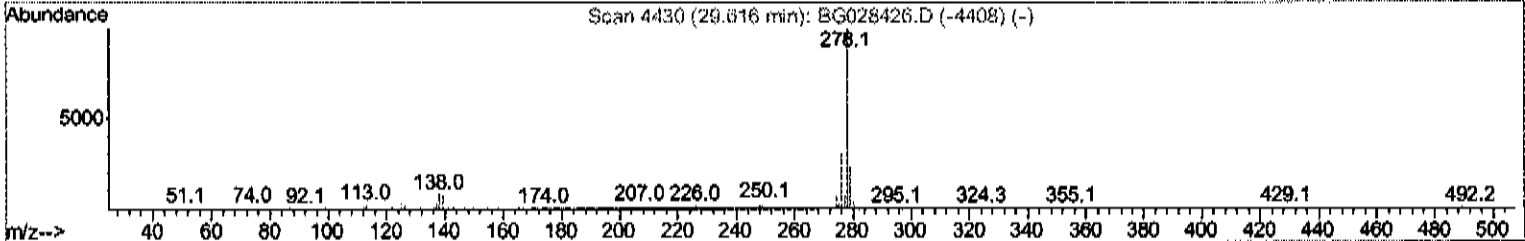
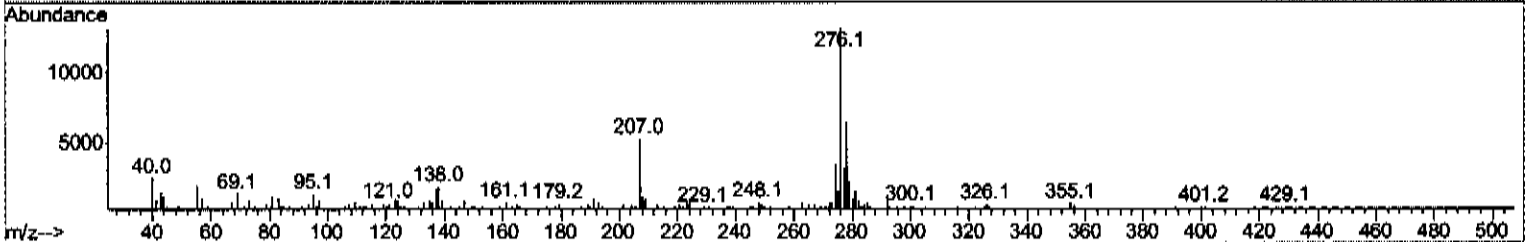
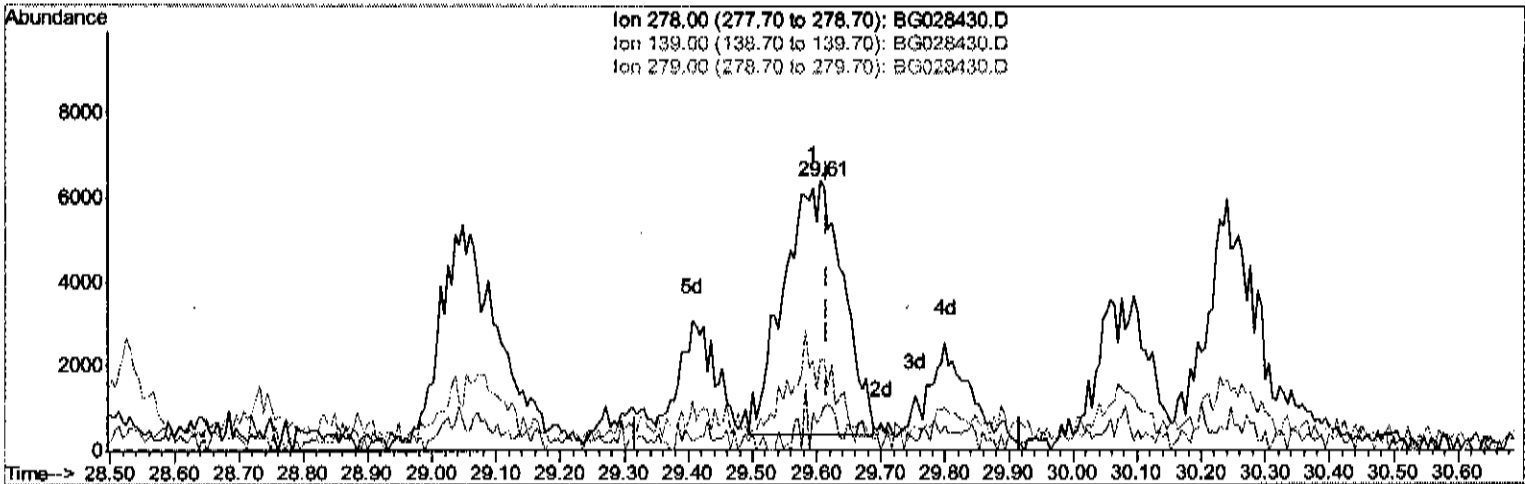
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
 Data File : BG028430.D
 Acq On : 22 Aug 2017 23:17
 Operator : SJ/JU
 Sample : I4713-10DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GC0DL

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:27 PM

Quant Time: Aug 23 07:53:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration



(90) Dibenzo(a,h)anthracene

29.606min (-0.010) 1.93ng/ul m

response 38432

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	12.06#
279.00	26.10	33.14#
0.00	0.00	0.00

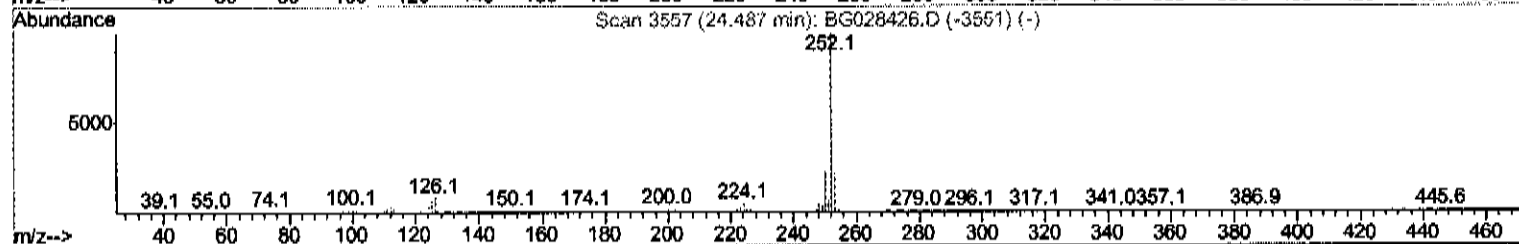
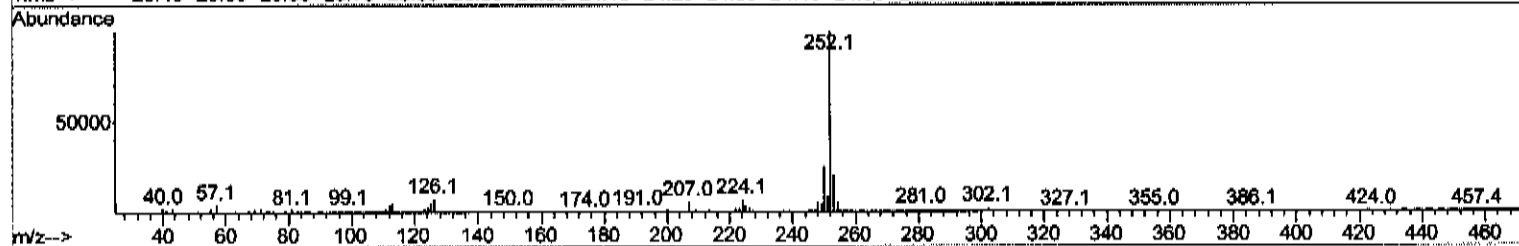
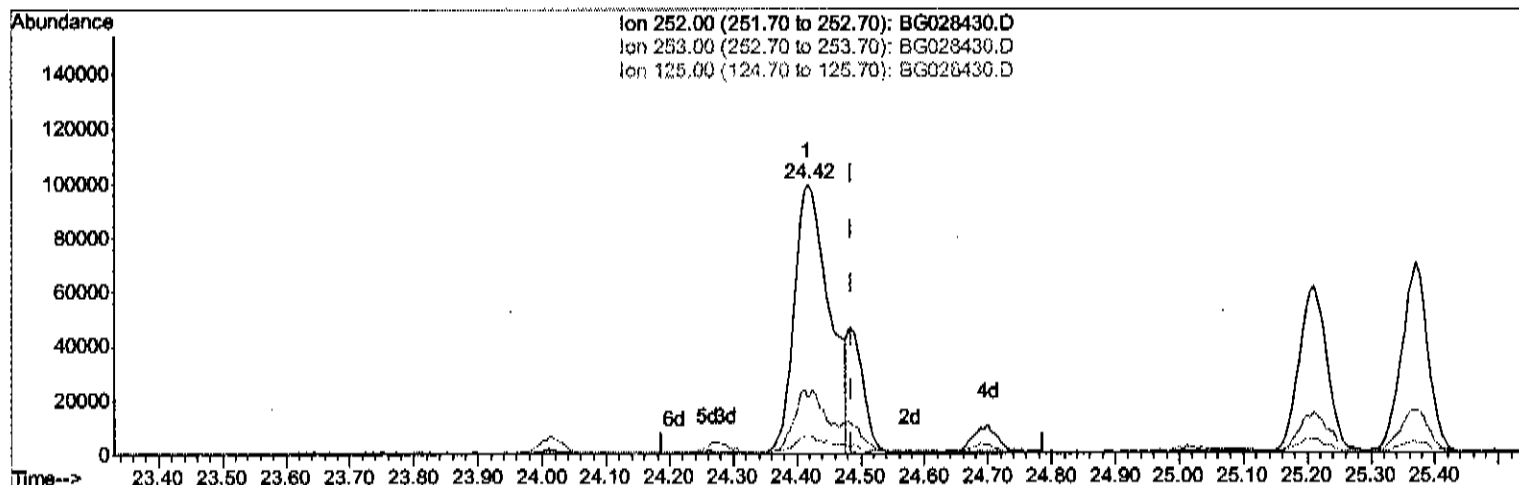
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
Data File : BG028430.D
Acq On : 22 Aug 2017 23:17
Operator : SJ/JU
Sample : I4713-10DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC0DL

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:27 PM

Quant Time: Aug 23 15:13:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



TIC: BG028430.D

(86) Benzo(k)fluoranthene

24.418min (-0.069) 18.81ng/ul

response 384346

Ion	Exp%	Act%
252.00	100	100
253.00	23.10	20.81
125.00	5.10	5.44
0.00	0.00	0.00

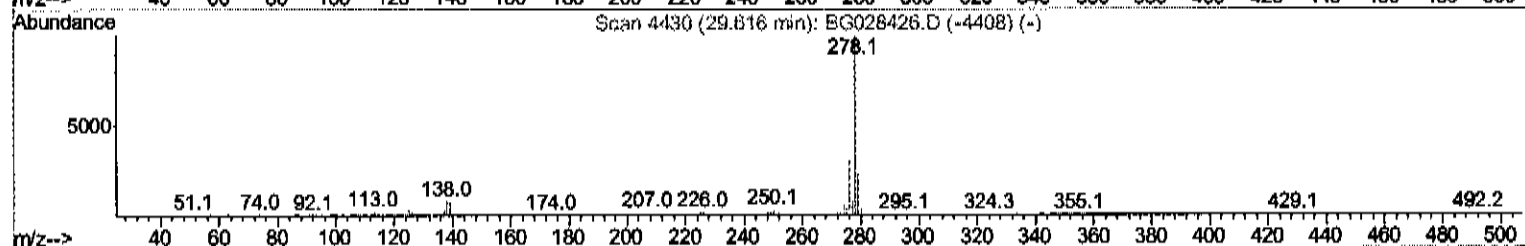
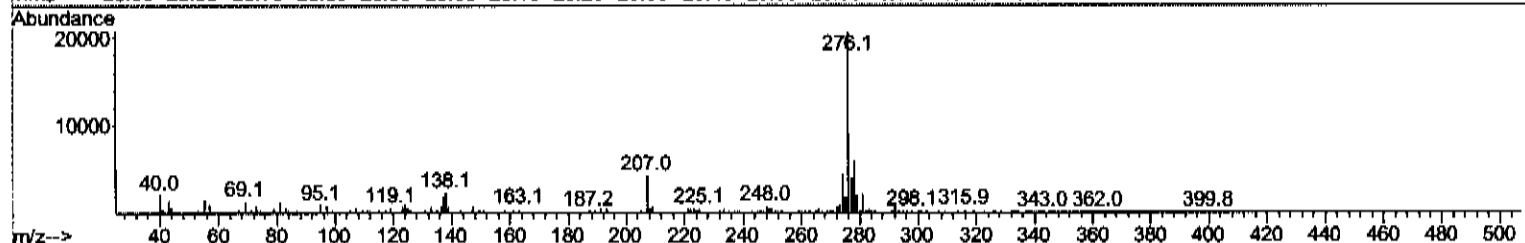
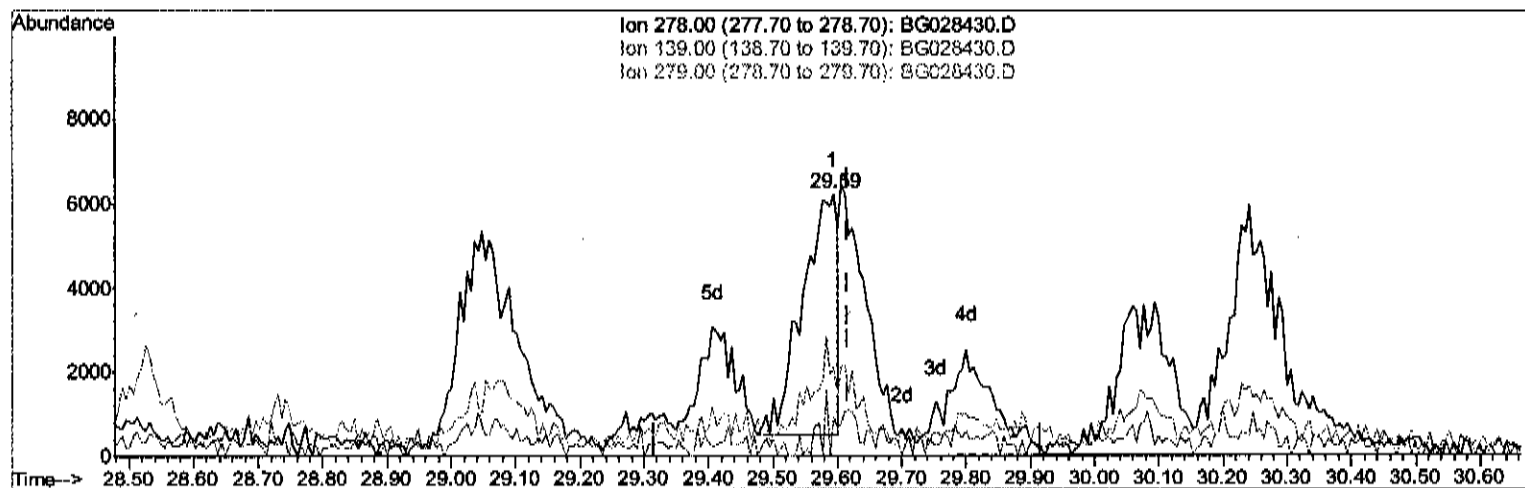
Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
Data File : BG028430.D
Acq On : 22 Aug 2017 23:17
Operator : SJ/JU
Sample : I4713-10DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GC0DL

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:27 PM

Quant Time: Aug 23 15:13:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 07:06:03 2017
Response via : Initial Calibration



TIC: BG028430.D

(90) Dibenzo(a,h)anthracene

29.594min (-0.022) 1.07ng/ul

response 21302

Ion	Exp%	Act%
278.00	100	100
139.00	8.40	14.39#
279.00	26.10	33.62#
0.00	0.00	0.00

Data Path : U:\HPCHEM1\BNA G\Data\BG082217\
 Data File : BG028430.D
 Acq On : 22 Aug 2017 23:17
 Operator : SJ/JU
 Sample : I4713-10DL 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :
 E7GC0DL

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:27 PM

Quant Time: Aug 23 07:53:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 07:06:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40239	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	194328	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	139394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	324149	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	355965	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	349504	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.84	96	624	0.72	ng/uL	0.01
5) Phenol-d5	7.50	99	19962	4.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	12143	4.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	15463	5.55	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	16682	4.52	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	7772	5.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	9028	5.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	18660	5.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	3919	1.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	69302	5.59	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	79178	5.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	6383	3.24	ng/ul	0.01
57) Fluorene-d10	15.94	176	59325	5.33	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	6530	3.10	ng/ul	0.00
70) Anthracene-d10	17.80	188	93029	5.99	ng/ul	0.00
76) Pyrene-d10	20.07	212	104952	5.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	95825	5.86	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	11.22	128	13485	1.401	ng/ul#	95
34) 2-Methylnaphthalene	12.79	142	15902	2.057	ng/ul	83
44) Dimethylphthalate	14.39	163	30294	2.654	ng/ul#	92
69) Phenanthrene	17.74	178	109132	6.690	ng/ul	97
72) Carbazole	18.11	167	15992	1.103	ng/ul#	93
74) Fluoranthene	19.74	202	396278	19.989	ng/ul	99
77) Pyrene	20.11	202	322475	15.184	ng/ul	97
80) Benzo(a)anthracene	22.01	228	147432	7.168	ng/ul	96
82) Chrysene	22.08	228	217279	11.730	ng/ul	98
85) Benzo(b)fluoranthene	24.42	252	384346	18.377	ng/ul	97
86) Benzo(k)fluoranthene	24.48	252	74536m	3.648	ng/ul	99
88) Benzo(a)pyrene	25.37	252	195764	9.667	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	29.55	276	197847	8.343	ng/ul	95
90) Dibenzo(a,h)anthracene	29.61	278	38432m	1.934	ng/ul	99
91) Benzo(g,h,i)perylene	30.83	276	200923	10.299	ng/ul#	97

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