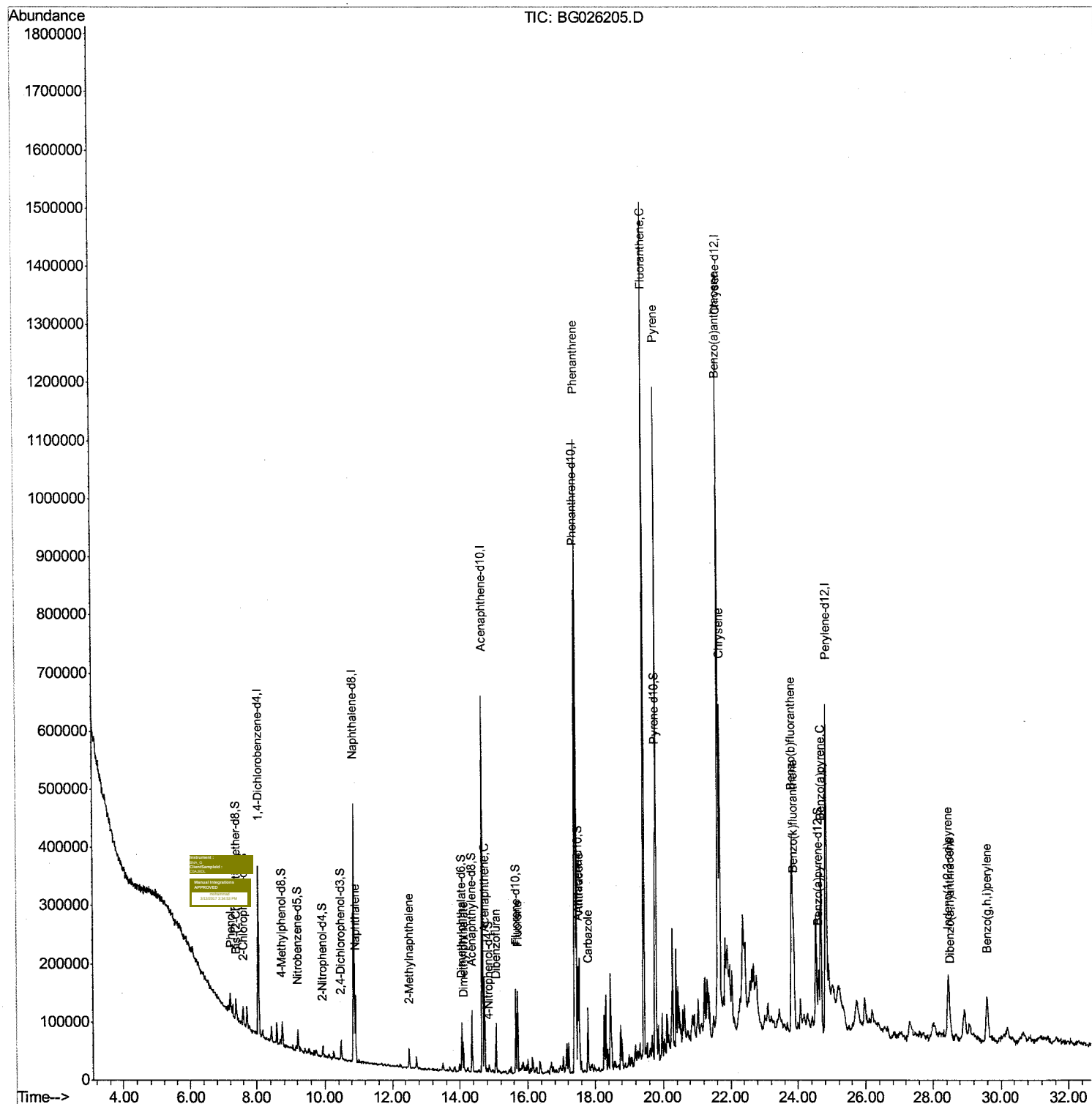


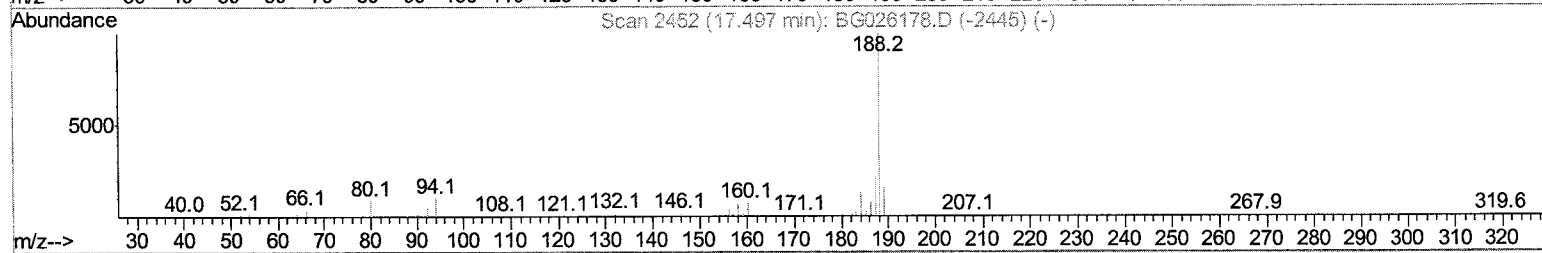
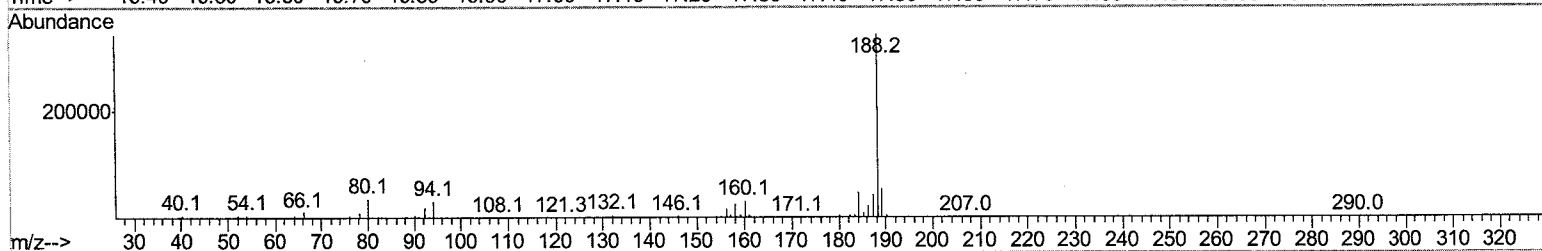
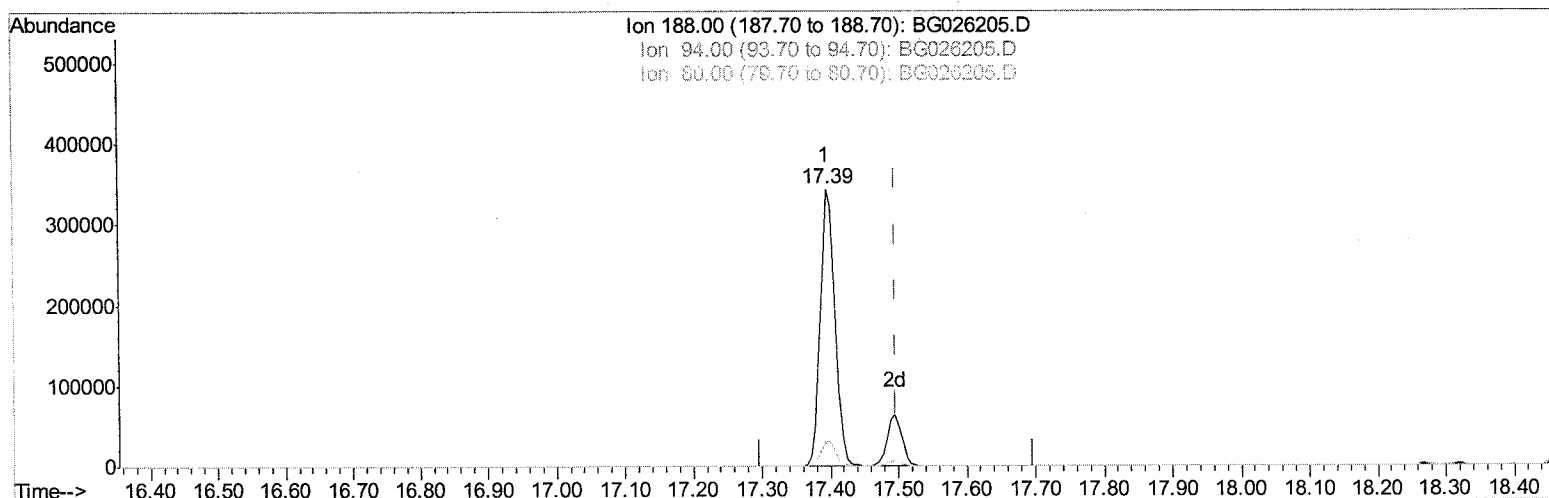
Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026205.D
Acq On : 11 Mar 2017 12:36
Operator : SJ/MA
Sample : I2072-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:28:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration



Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026205.D
Acq On : 11 Mar 2017 12:36
Operator : SJ/MA
Sample : I2072-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:19:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration



TIC: BG026205.D

(70) Anthracene-d10 (S)

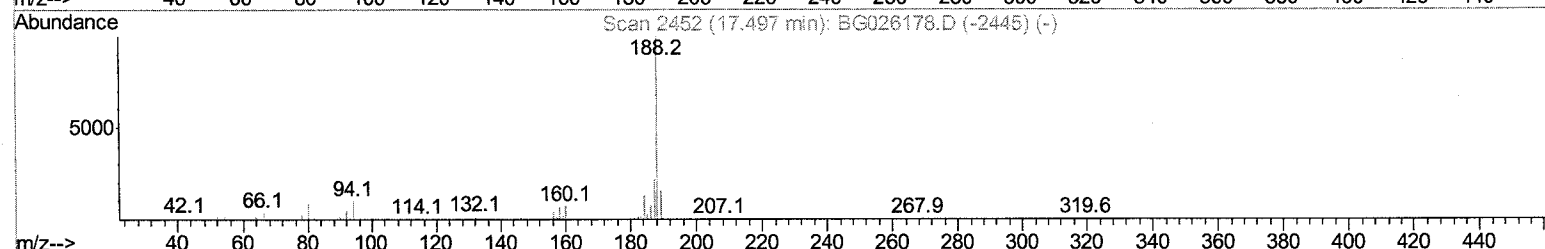
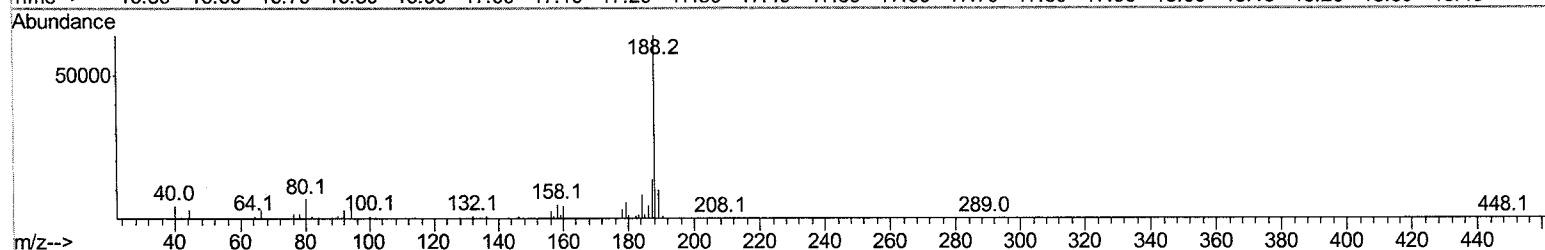
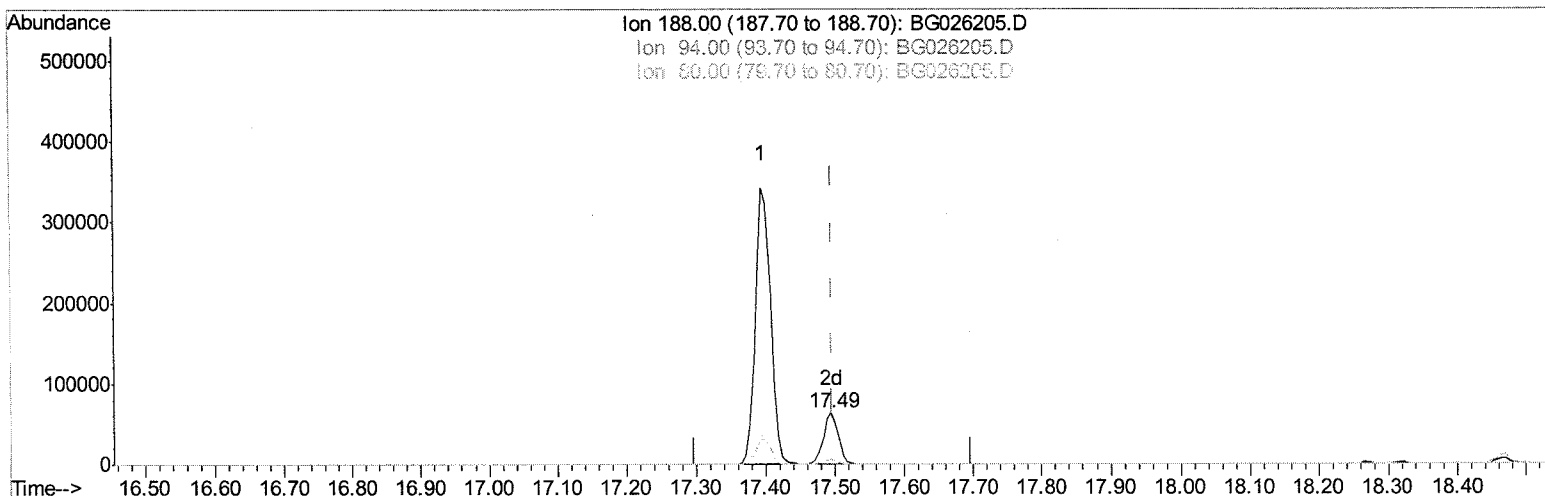
17.395min (-0.102) 22.04ng/ul

response 515691

Ion	Exp%	Actual Integrations Area (m/z 188.00)
188.00	100	100
94.00	10.10	9.10
80.00	9.10	10.64
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
 Data File : BG026205.D
 Acq On : 11 Mar 2017 12:36
 Operator : SJ/MA
 Sample : I2072-01DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:19:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 11 00:32:15 2017
 Response via : Initial Calibration



TIC: BG026205.D

(70) Anthracene-d10 (S)

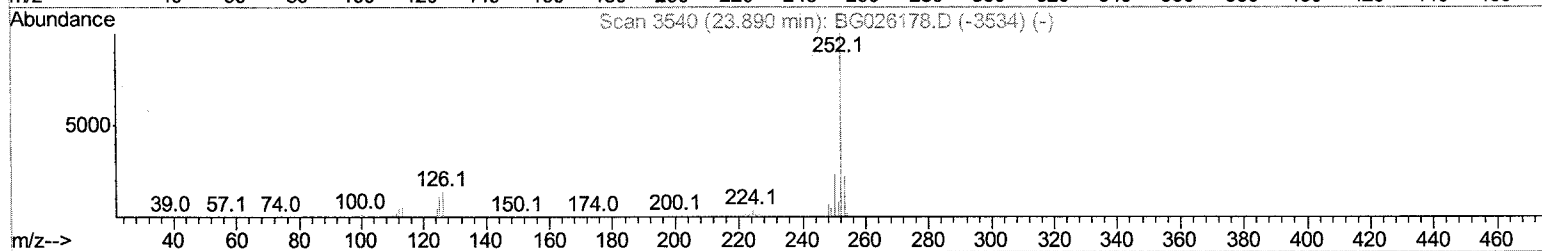
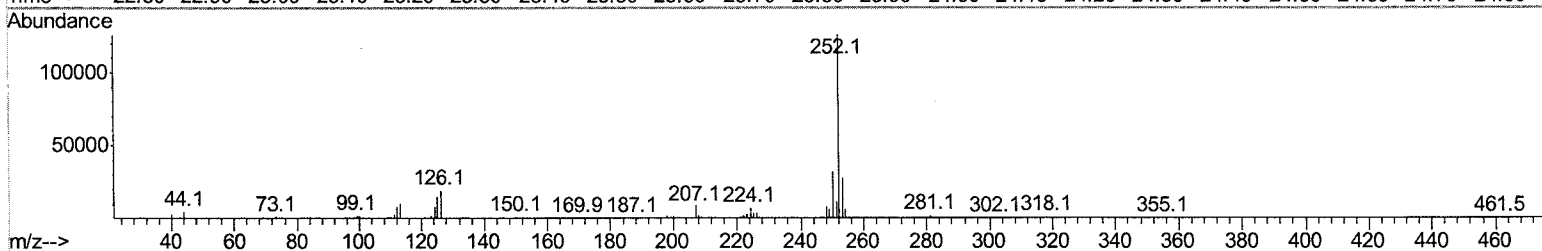
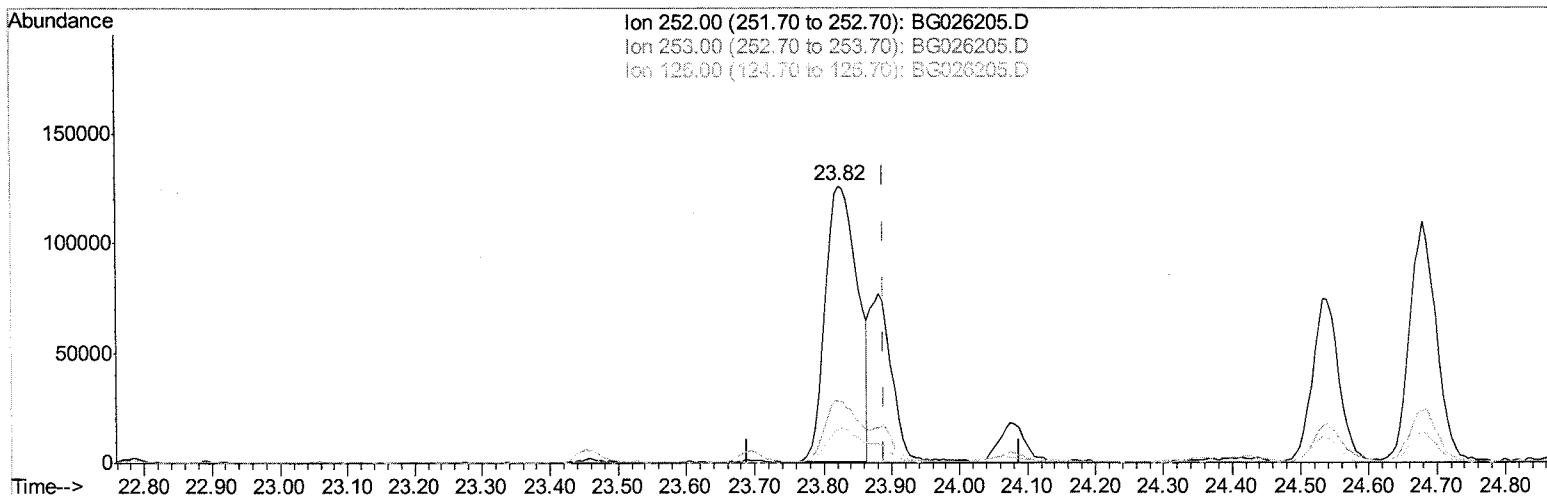
17.495min (-0.002) 4.06ng/ul m SJ 3/13/17

response 95008

Ion	Exp%	Actual Integrations
188.00	100	100
94.00	10.10	10.99
80.00	9.10	11.09#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026205.D
Acq On : 11 Mar 2017 12:36
Operator : SJ/MA
Sample : I2072-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:19:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration



TIC: BG026205.D

(88) Benzo(k)fluoranthene

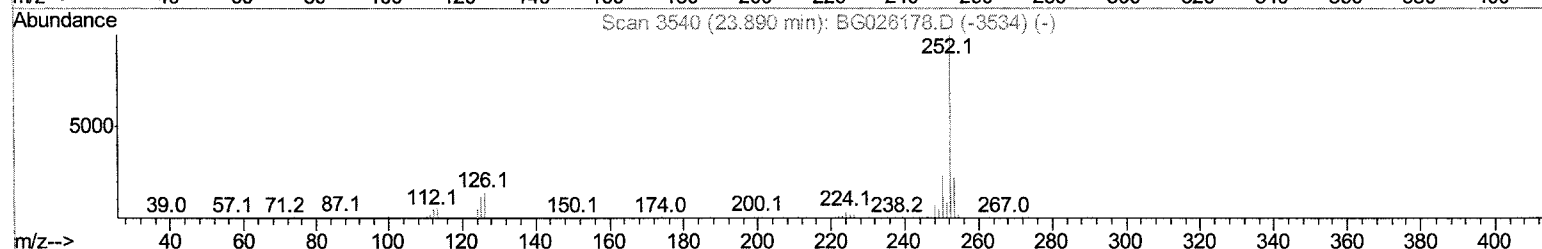
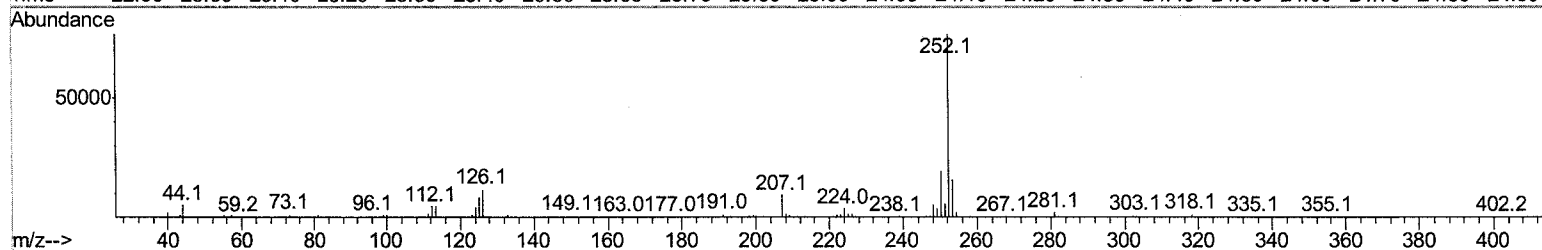
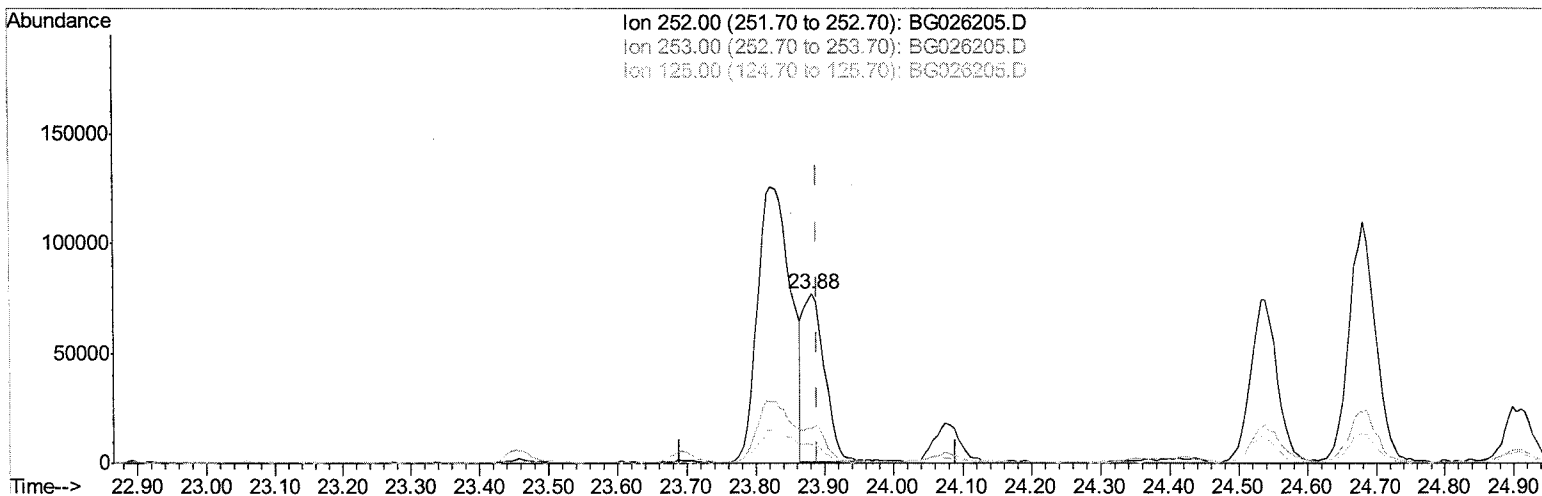
23.823min (-0.067) 14.32ng/ul

response 421632

Ion	Exp%	Manual Integration
252.00	100	100
253.00	21.60	22.10
125.00	10.20	11.88
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026205.D
Acq On : 11 Mar 2017 12:36
Operator : SJ/MA
Sample : I2072-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:19:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration



TIC: BG026205.D

(88) Benzo(k)fluoranthene

23.881min (-0.008) 5.60ng/ul m

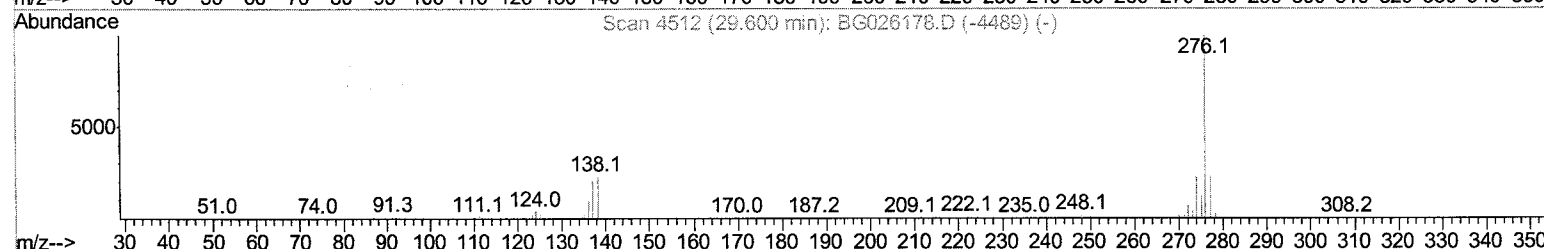
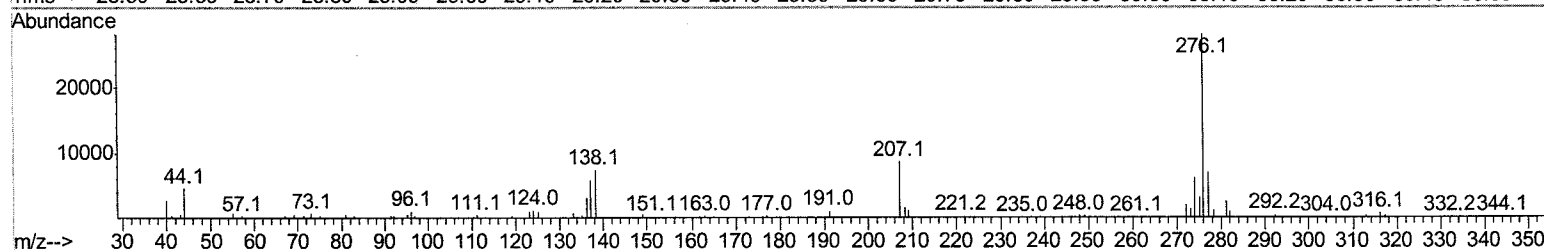
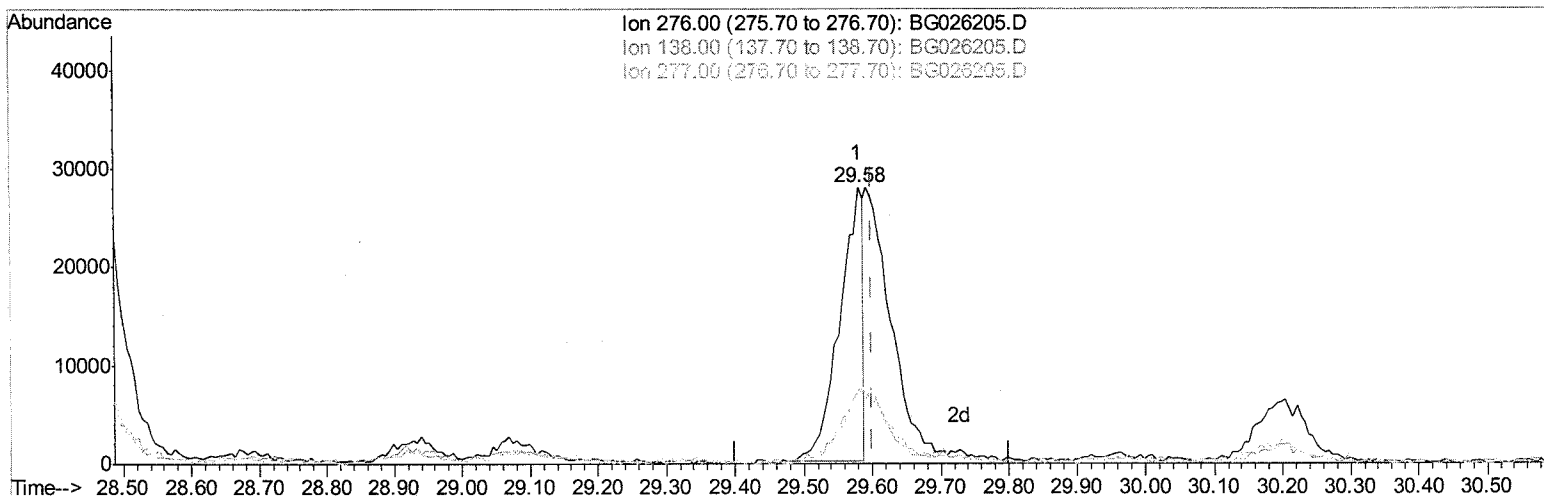
SJ 3/13/17

response 164794

Ion	Exp%	Actual
252.00	100	100
253.00	21.60	20.72
125.00	10.20	11.19
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026205.D
Acq On : 11 Mar 2017 12:36
Operator : SJ/MA
Sample : I2072-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:19:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration



TIC: BG026205.D

(93) Benzo(g,h,i)perylene

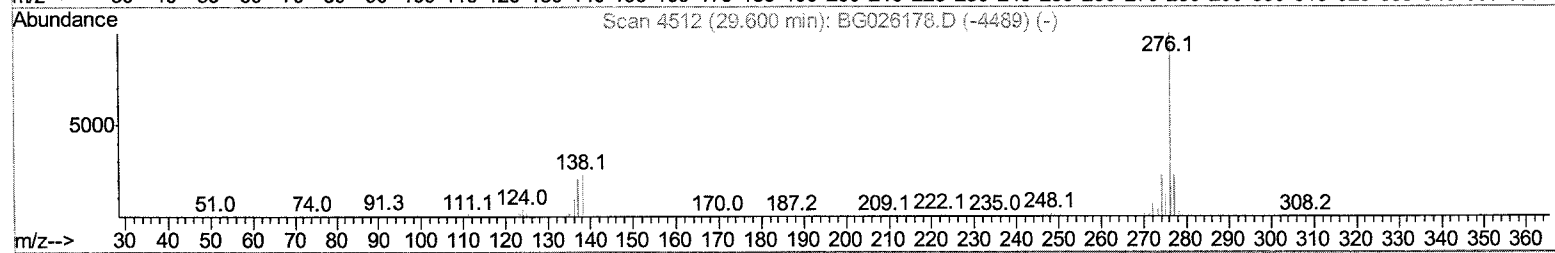
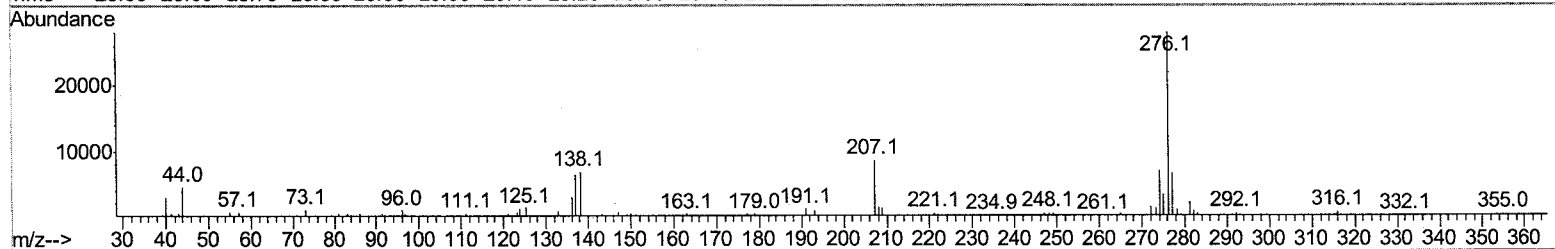
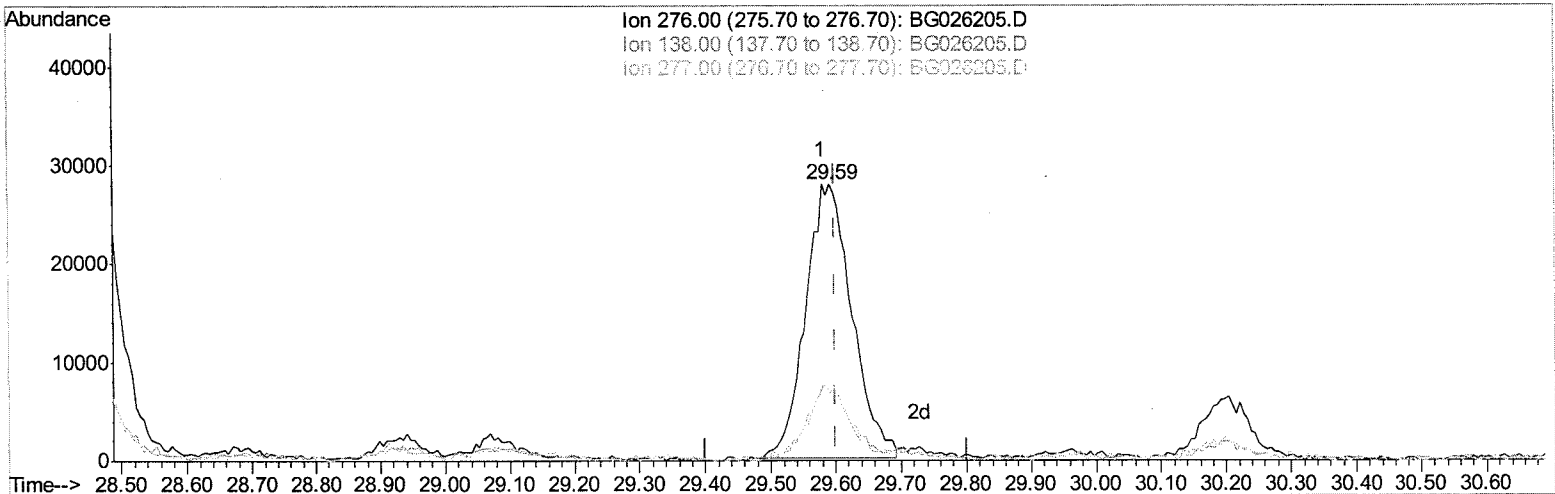
29.580min (-0.020) 2.22ng/ul

response 65896

Ion	Exp%	Manual Integration
276.00	100	100
138.00	23.60	26.72
277.00	24.00	25.05
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
Data File : BG026205.D
Acq On : 11 Mar 2017 12:36
Operator : SJ/MA
Sample : I2072-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:19:28 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 11 00:32:15 2017
Response via : Initial Calibration



TIC: BG026205.D

(93) Benzo(g,h,i)perylene

29.592min (-0.008) 4.66ng/ul m

SJ 3/13/17

response 138513

Ion	Exp%	Manual Integration
276.00	100	100
138.00	23.60	24.45
277.00	24.00	23.65
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG031017\
 Data File : BG026205.D
 Acq On : 11 Mar 2017 12:36
 Operator : SJ/MA
 Sample : I2072-01DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Quant Time: Mar 13 12:28:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Mar 11 00:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	86790	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	388416	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	221442	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.39	188	515691	20.00	ng/ul	0.00
77) Chrysene-d12	21.64	240	567002	20.00	ng/ul	0.00
85) Perylene-d12	24.83	264	544868	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	759	0.38	ng/uL	0.00
5) Phenol-d5	7.22	99	22200	3.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	16481	4.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	17433	3.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	15767	3.13	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	9847	3.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	7040	3.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	15897	3.09	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	210	0.03	ng/ul	0.02
43) Dimethylphthalate-d6	14.06	166	57126	3.97	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	80723	4.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.84	143	3811	1.34	ng/ul	0.00
57) Fluorene-d10	15.65	176	60753	4.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.77	200	2007	0.83	ng/ul	0.00
70) Anthracene-d10	17.49	188	95008m>	4.06	ng/ul	0.00
78) Pyrene-d10	19.77	212	105634	4.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.61	264	92865	3.87	ng/ul	0.00

Target Compounds

					Ovalue
28) Naphthalene	10.91	128	97295	5.14	ng/ul 97
34) 2-Methylnaphthalene	12.51	142	17031	1.20	ng/ul 93
44) Dimethylphthalate	14.11	163	32549	2.31	ng/ul 97
49) Acenaphthene	14.73	153	70604	5.17	ng/ul 93
53) Dibenzofuran	15.06	168	56925	2.98	ng/ul 90
58) Fluorene	15.70	166	63314	3.99	ng/ul 95
69) Phenanthrene	17.44	178	690007	25.25	ng/ul 98
71) Anthracene	17.53	178	136795	4.97	ng/ul 99
74) Carbazole	17.79	167	74557	3.01	ng/ul 94
76) Fluoranthene	19.44	202	866269	28.11	ng/ul 98
79) Pyrene	19.80	202	731684	25.31	ng/ul 96
82) Benzo(a)anthracene	21.63	228	393262	12.67	ng/ul 96
84) Chrysene	21.69	228	375152	12.64	ng/ul 96
87) Benzo(b)fluoranthene	23.82	252	421632	13.96	ng/ul 99
88) Benzo(k)fluoranthene	23.88	252	164794m>	5.60	ng/ul 99
90) Benzo(a)pyrene	24.68	252	290306	9.78	ng/ul 99
91) Indeno(1,2,3-cd)pyrene	28.46	276	169440	4.73	ng/ul 92
92) Dibenzo(a,h)anthracene	28.51	278	46893	1.59	ng/ul 100
93) Benzo(g,h,i)perylene	29.59	276	138513m>	4.66	ng/ul 100

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