

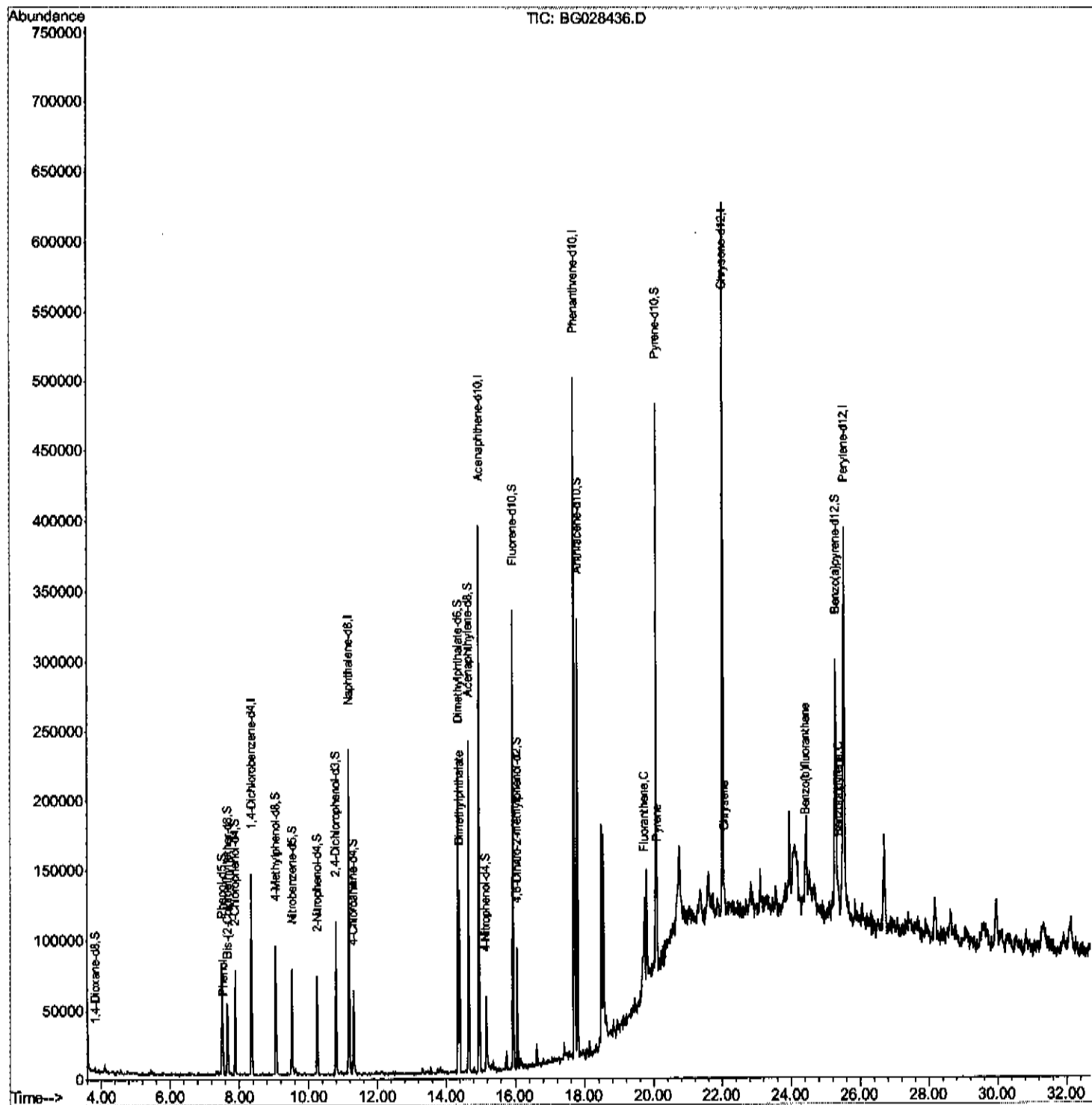
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028436.D
Acq On : 23 Aug 2017 3:17
Operator : SJ/JU
Sample : I4713-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
Client Sampled :
E7GB2

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:38 PM

Quant Time: Aug 23 09:00:11 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



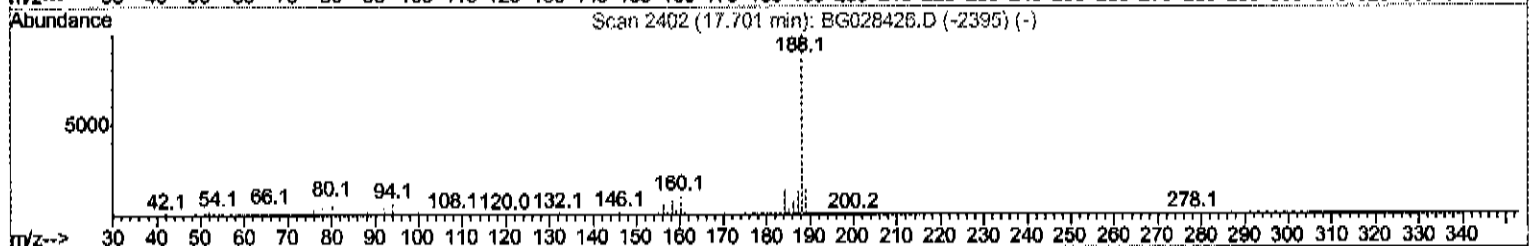
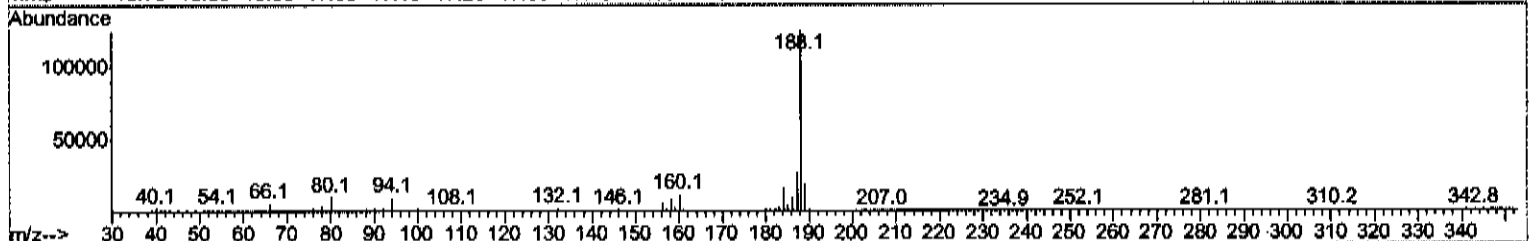
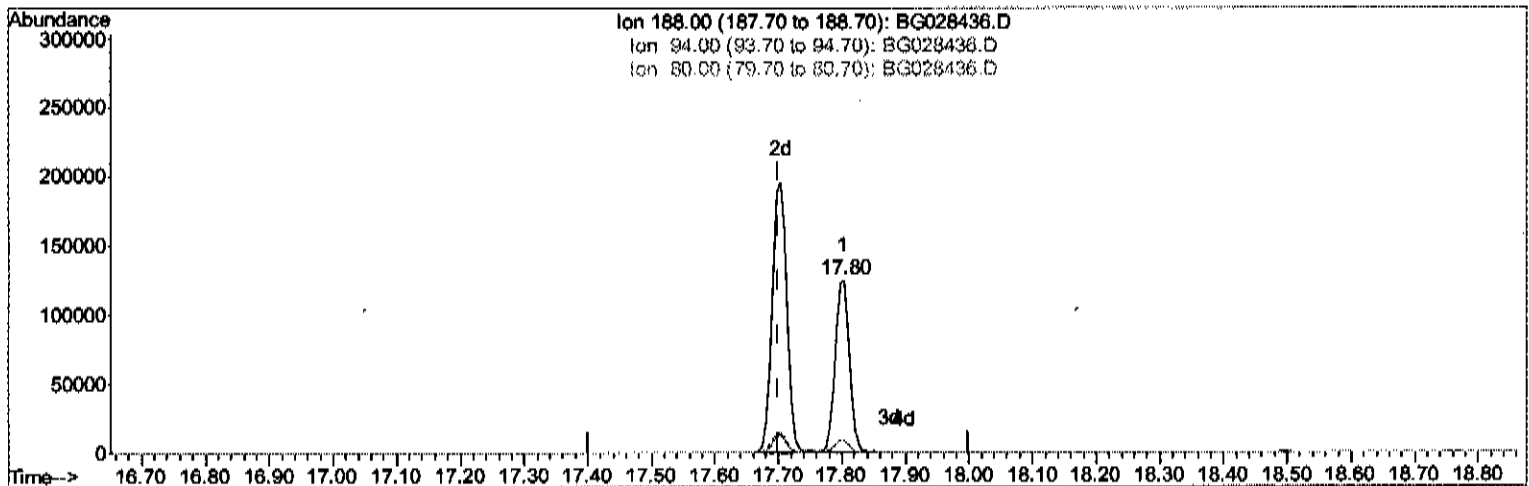
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TIC: BG028436.D

(61) Phenanthrene-d10 (I)

17.804min (+0.103) 20.00ng/ul

response 197985

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	7.80
80.00	9.50	8.14
0.00	0.00	0.00

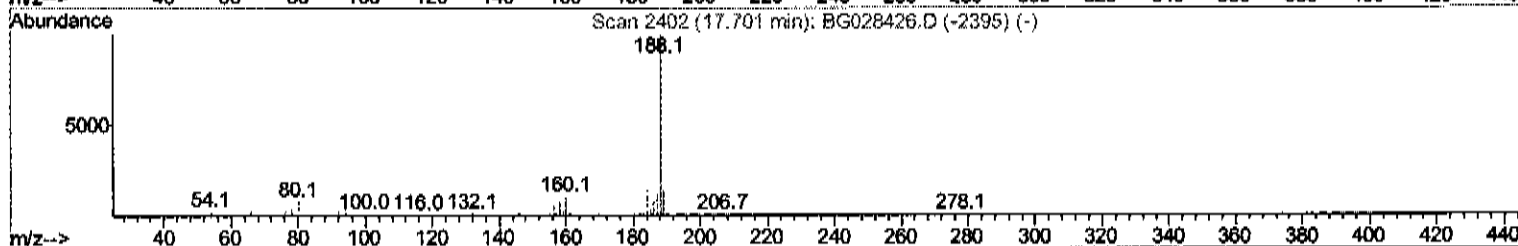
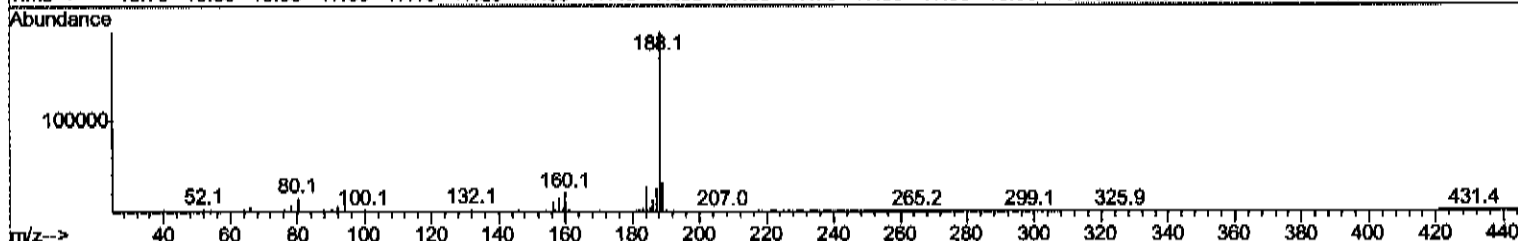
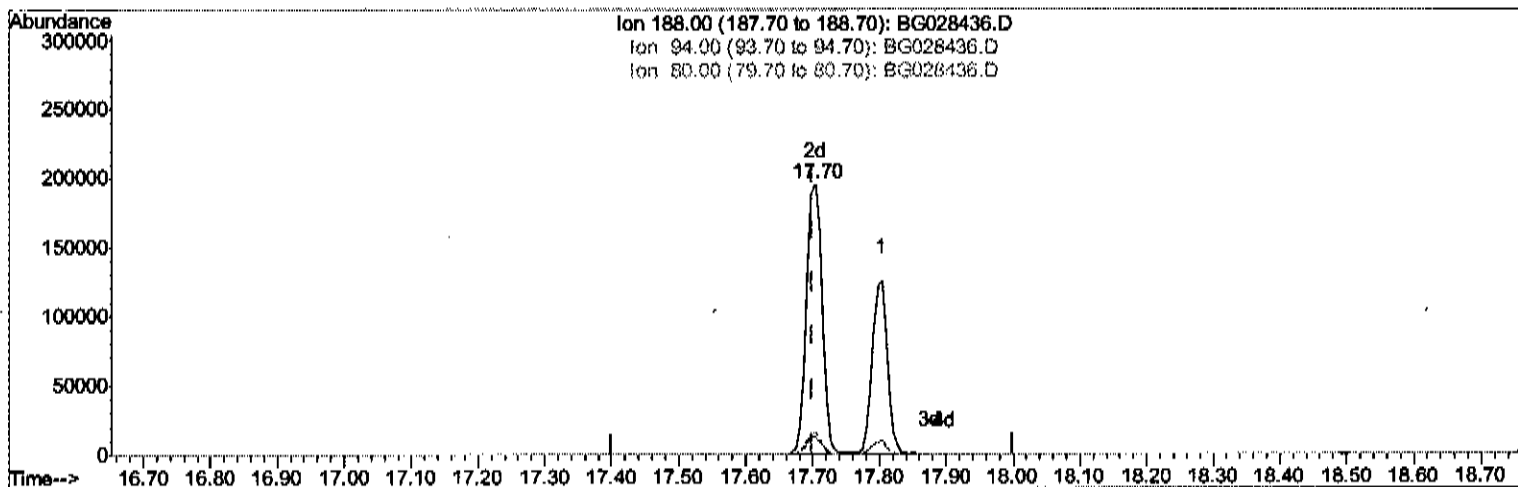
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TIC: BG028436.D

(61) Phenanthrene-d10 (I)

17.704min (+0.003) 20.00ng/ul m *[Signature]* 8/23/17

response 318237

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.51#
80.00	9.50	7.81
0.00	0.00	0.00

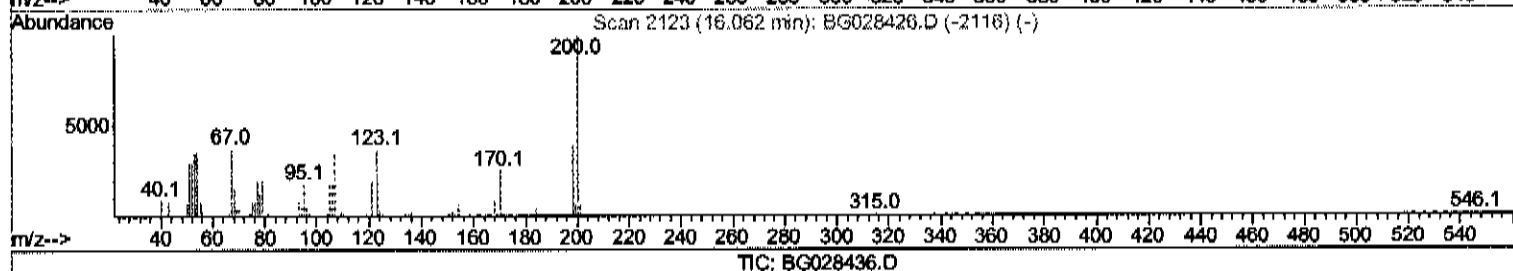
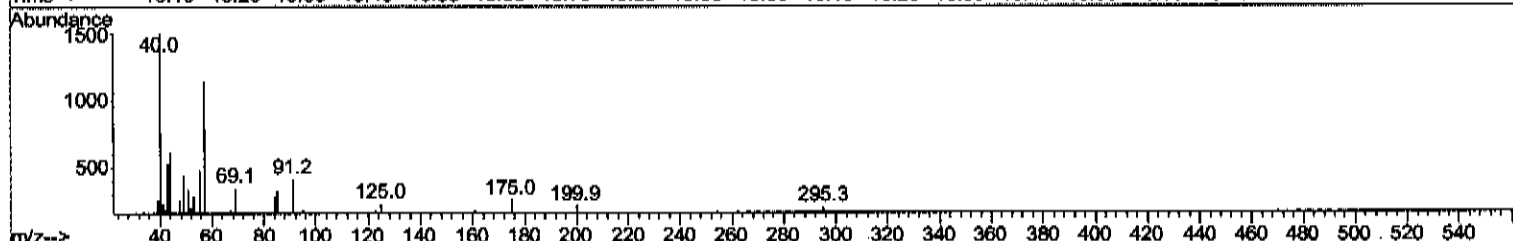
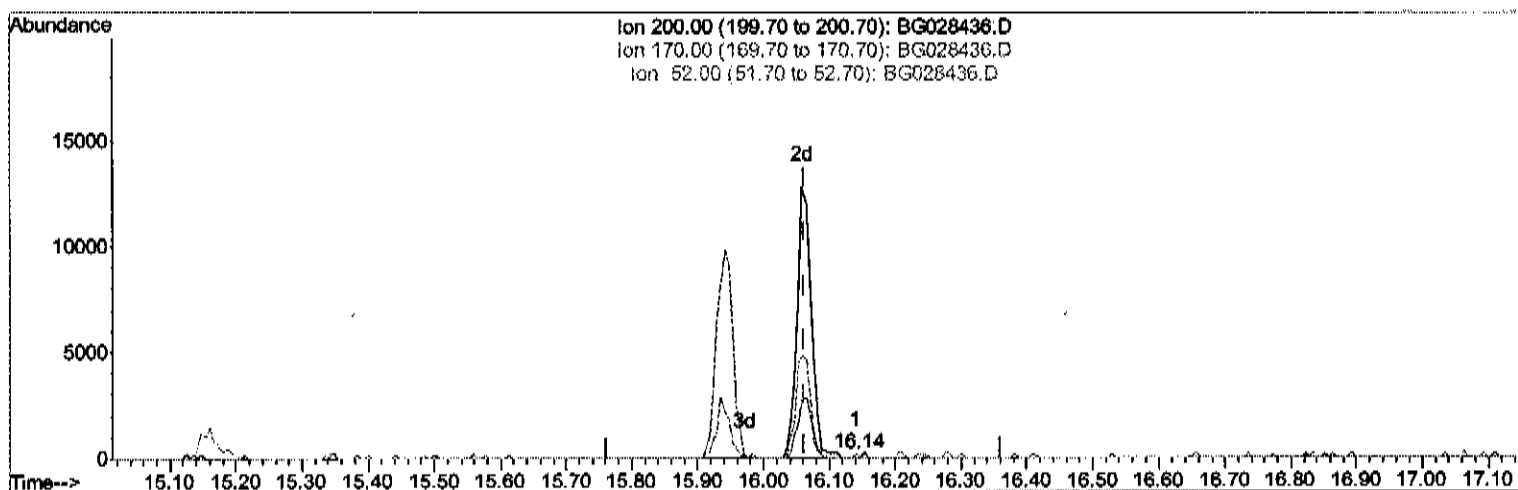
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ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:38 PM

Quant Time: Aug 23 08:58:29 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



(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.141min (+0.079) 0.04ng/ul

response 74

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	0.00#
52.00	47.20	98.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

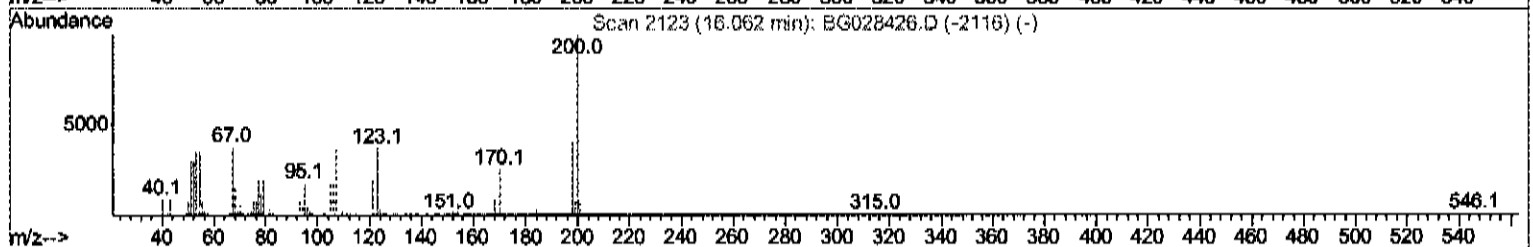
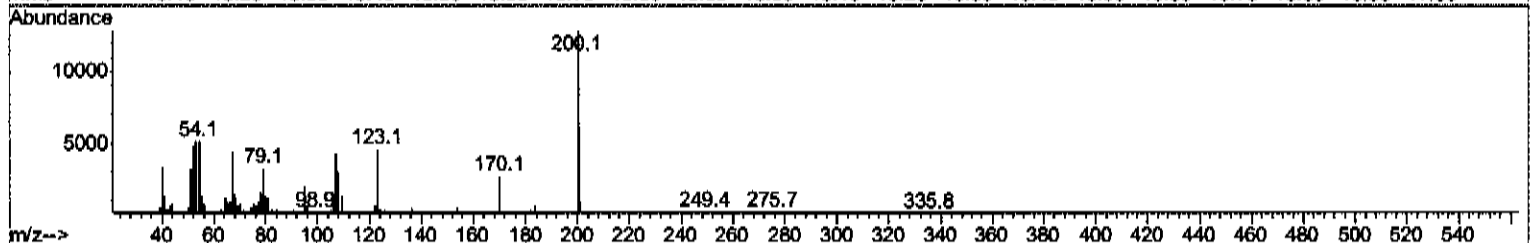
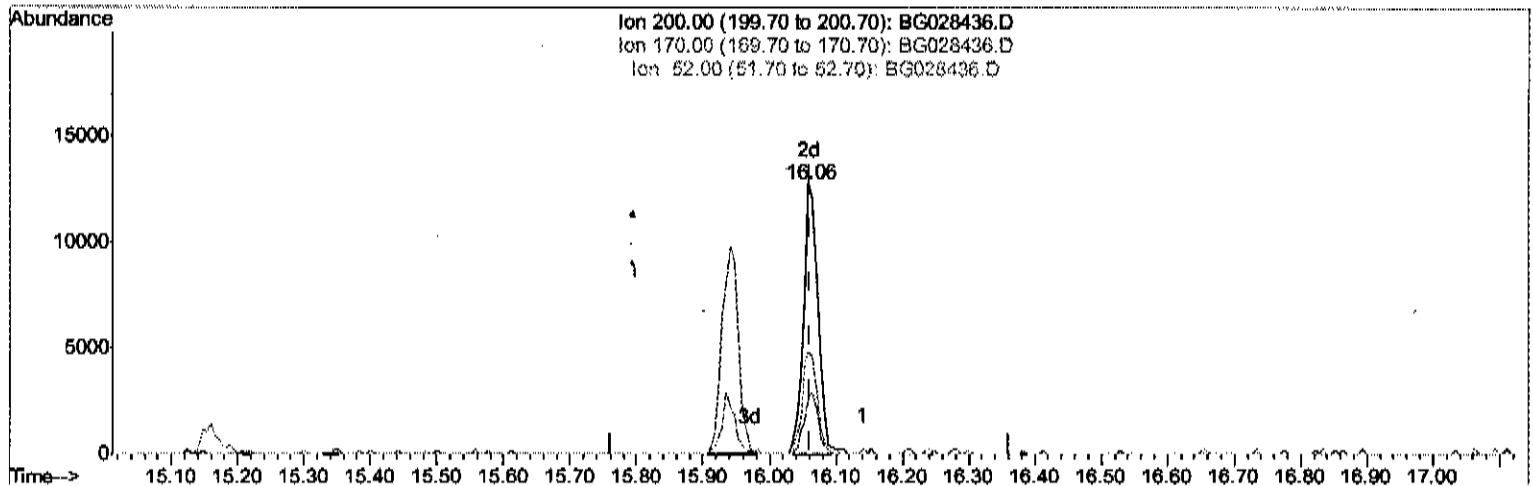
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 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:38 PM

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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
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TIC: BG028436.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

16.059min (-0.003) 9.22ng/ul m

response 19056

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	20.95
52.00	47.20	37.74#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	39858	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	190886	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	139326	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	318237m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	344578	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	344476	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.82	96	1390	1.62	ng/uL	0.00
5) Phenol-d5	7.50	99	45924	10.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	27378	9.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	33749	12.22	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	39543	10.81	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	18149	12.16	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	22533	13.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	44597	13.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	36760	9.75	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	156183	12.60	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	177370	12.70	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	17956	9.11	ng/ul	0.00
57) Fluorene-d10	15.94	176	135125	12.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	19056m	9.22	ng/ul	0.00
70) Anthracene-d10	17.80	188	197985	12.97	ng/ul	0.00
76) Pyrene-d10	20.08	212	231514	13.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.30	264	219858	13.63	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.53	94	6183	1.421	ng/ul	96
44) Dimethylphthalate	14.38	163	82454	7.226	ng/ul	99
74) Fluoranthene	19.74	202	39488	2.029	ng/ul	98
77) Pyrene	20.11	202	31667	1.540	ng/ul#	97
82) Chrysene	22.08	228	22044	1.229	ng/ul#	90
85) Benzo(b)fluoranthene	24.42	252	34900	1.693	ng/ul#	91
88) Benzo(a)pyrene	25.37	252	20682	1.036	ng/ul#	82

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