

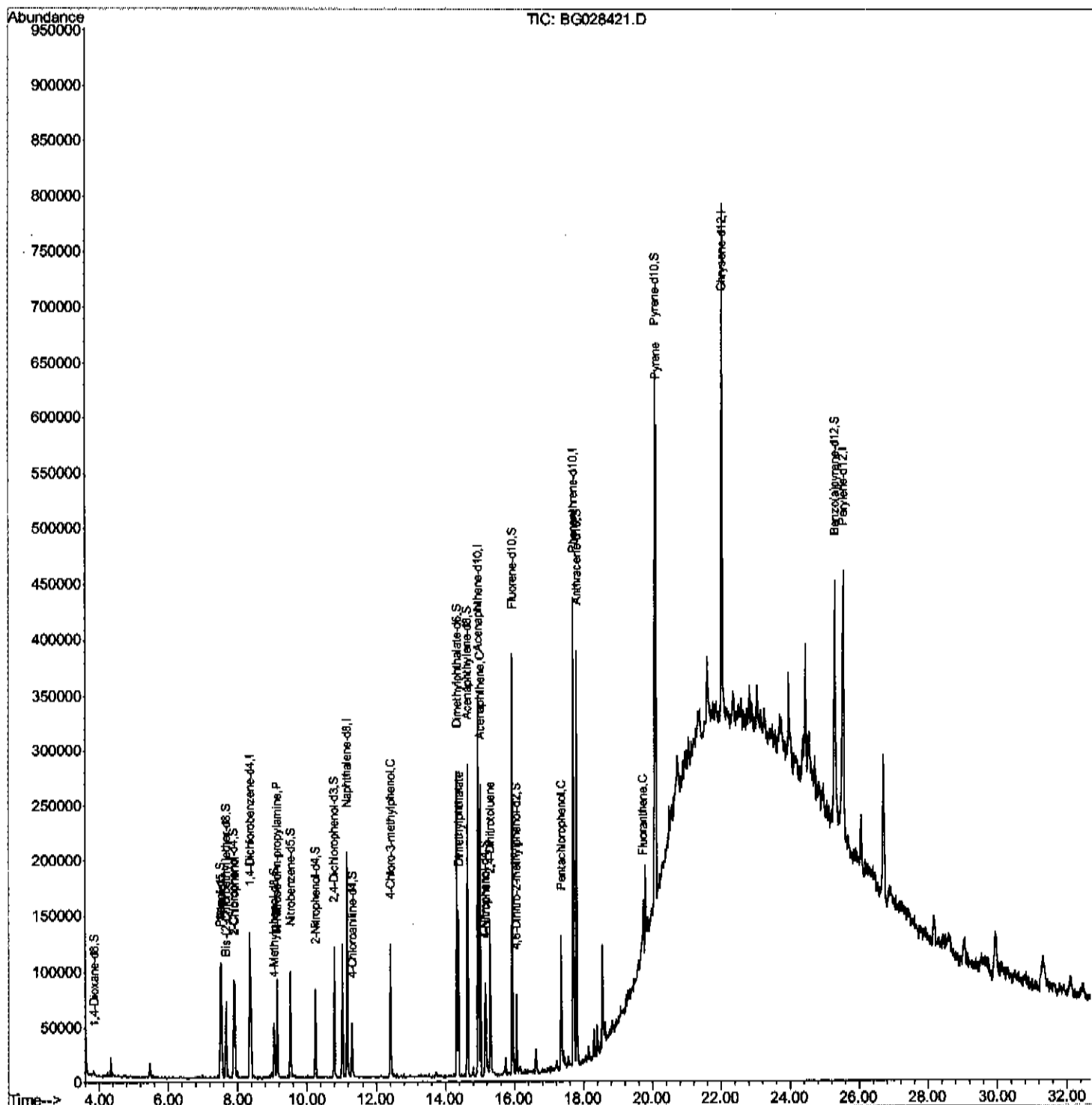
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028421.D
Acq On : 22 Aug 2017 16:38
Operator : SJ/JU
Sample : I4713-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MS

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:05 PM

Quant Time: Aug 23 05:25:15 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



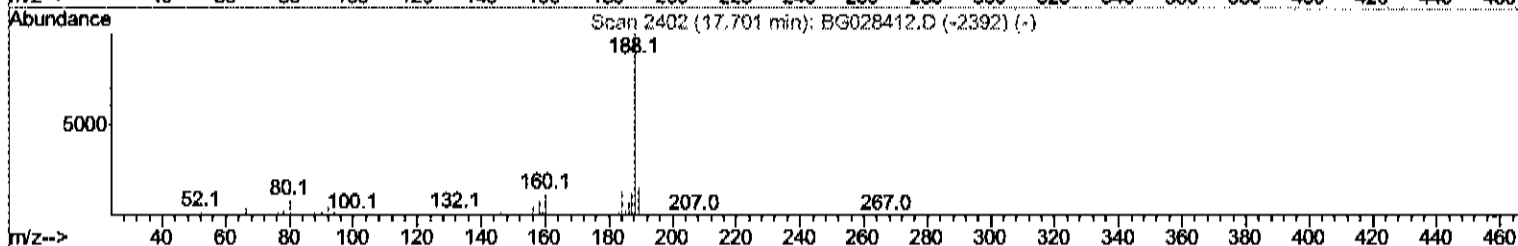
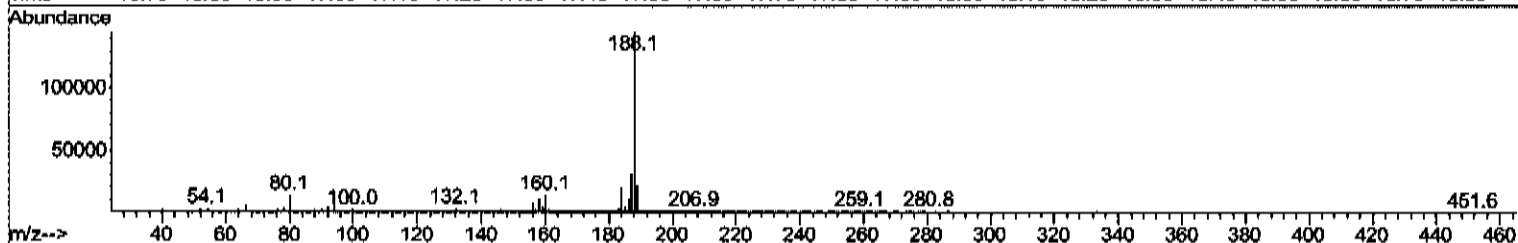
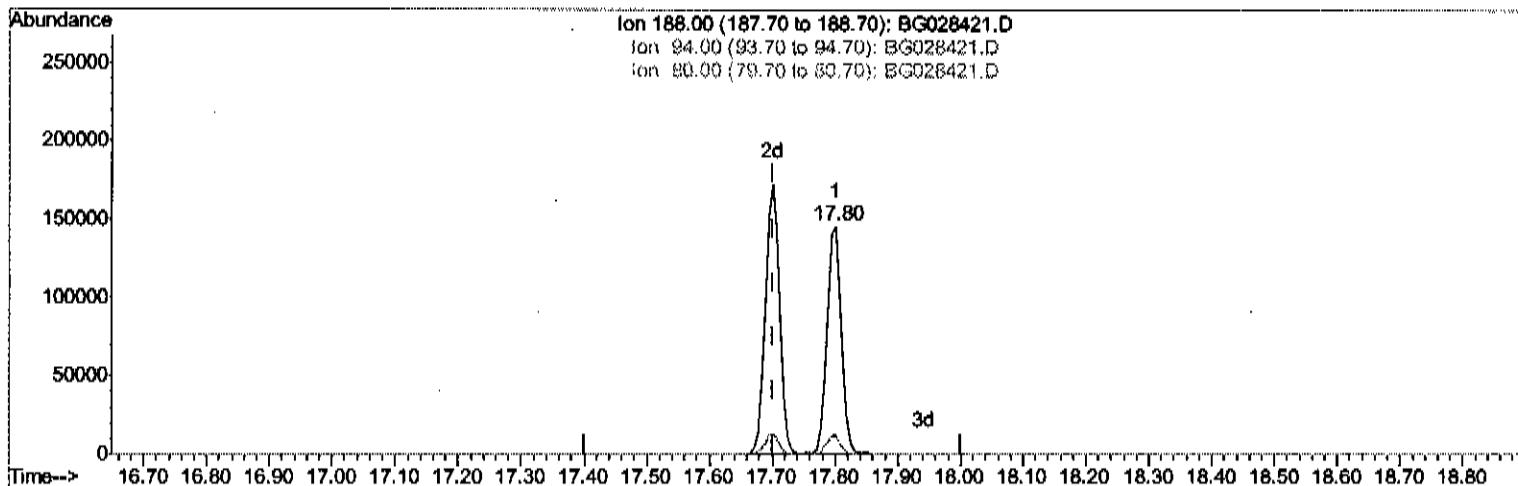
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Quant Time: Aug 23 03:46:28 2017
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Quant Title : SVOA CALIBRATION
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TIC: BG028421.D

(61) Phenanthrene-d10 (I)

17.800min (+0.099) 20.00ng/ul

response 232084

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.31
80.00	9.50	9.32
0.00	0.00	0.00

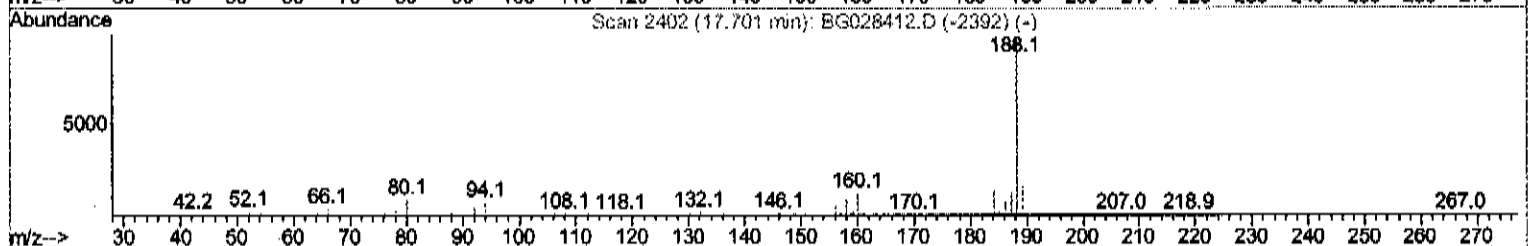
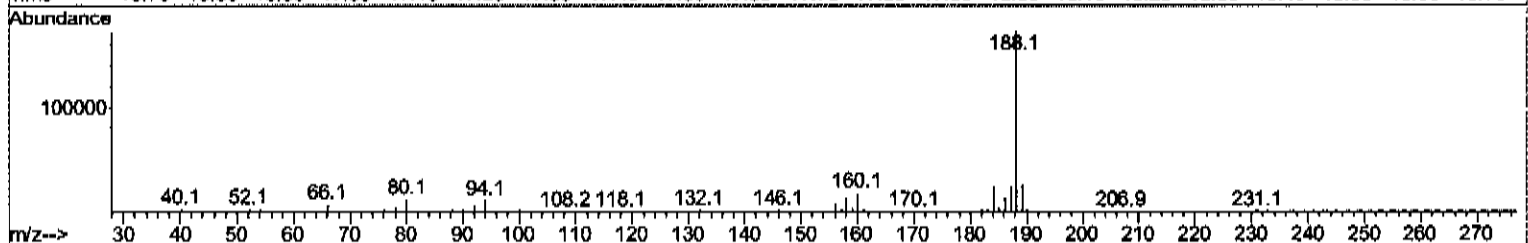
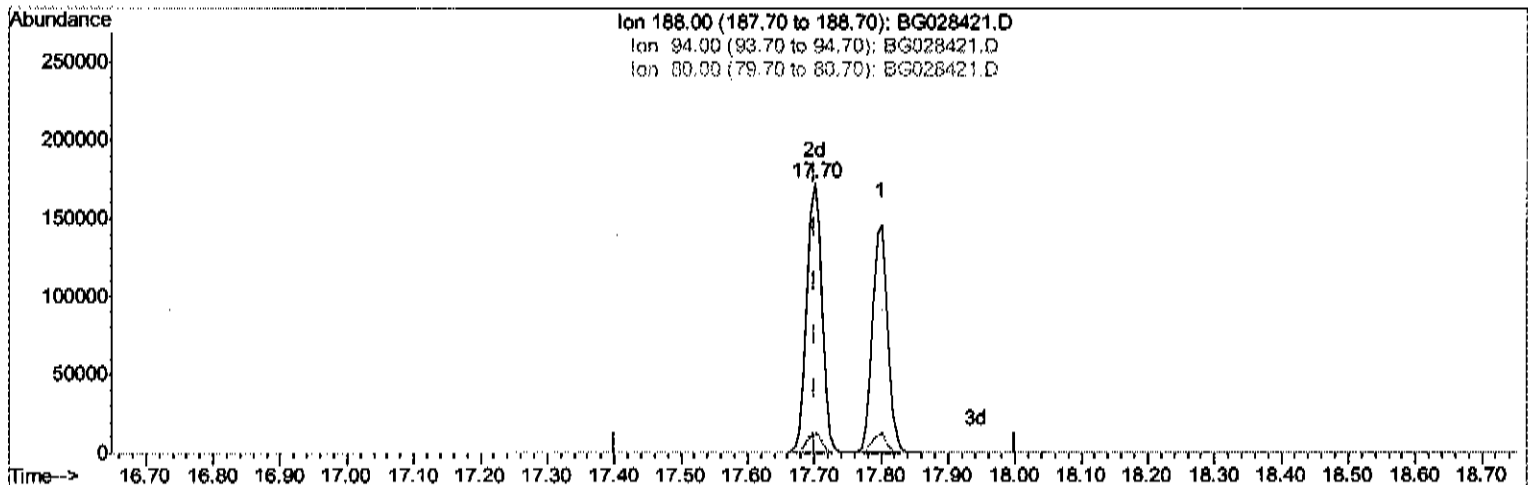
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Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:05 PM

Quant Time: Aug 23 03:46:28 2017
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TIC: BG028421.D

(61) Phenanthrene-d10 (I)

17.701min (-0.001) 20.00ng/ul m

response 271766

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.62#
80.00	9.50	7.62
0.00	0.00	0.00

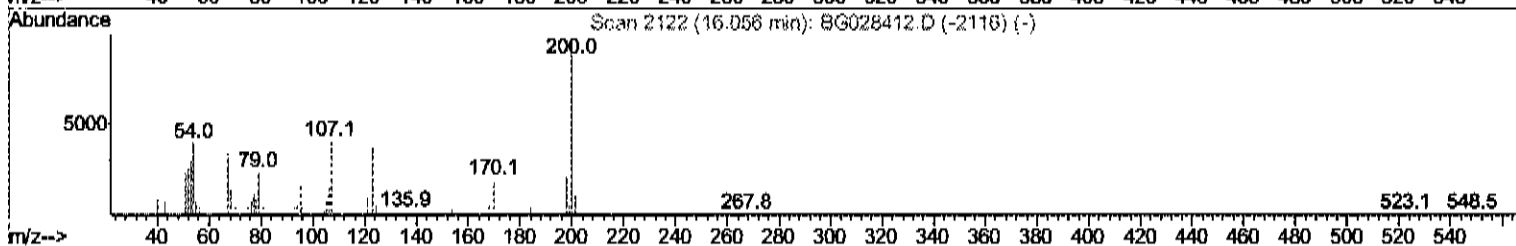
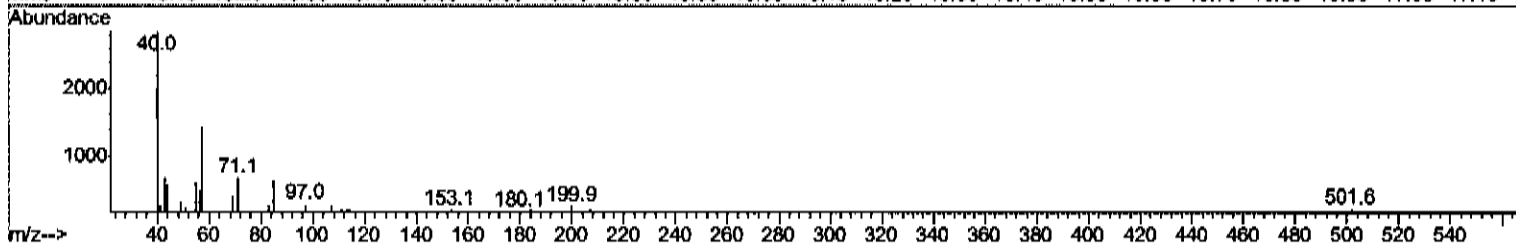
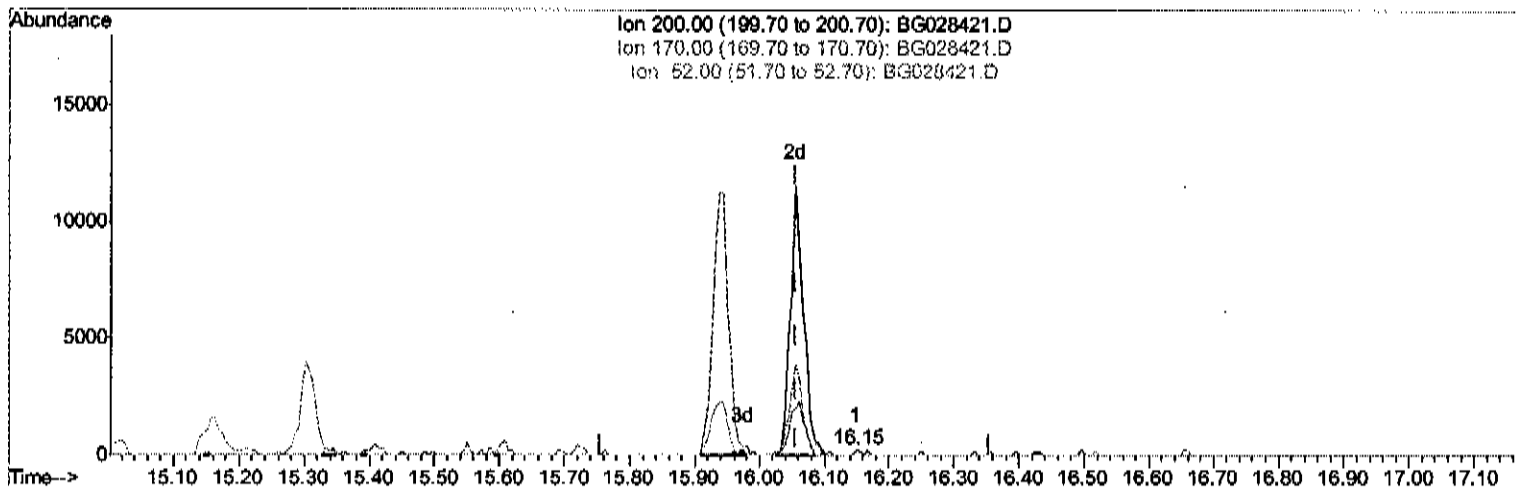
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028421.D
Acq On : 22 Aug 2017 16:38
Operator : SJ/JU
Sample : I4713-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MS

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:05 PM

Quant Time: Aug 23 05:10:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



TIC: BG028421.D

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

16.149min (+0.093) 0.08ng/ul

response 147

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

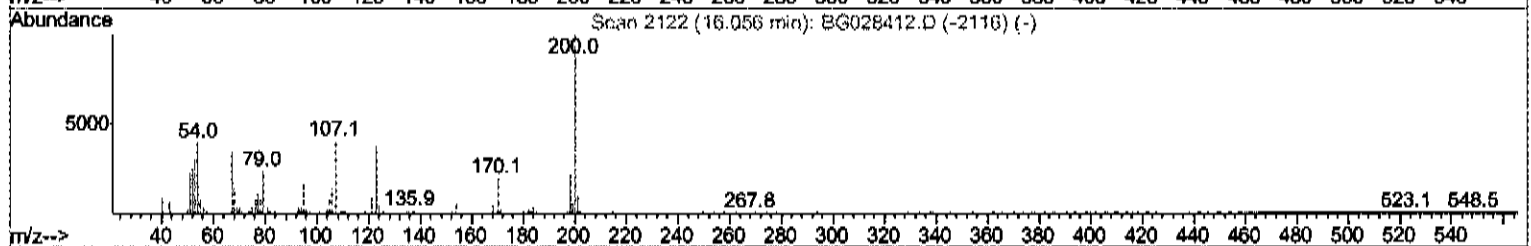
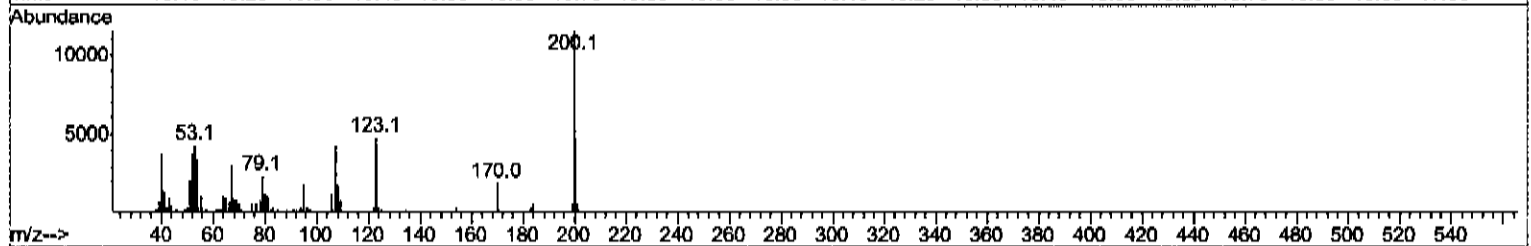
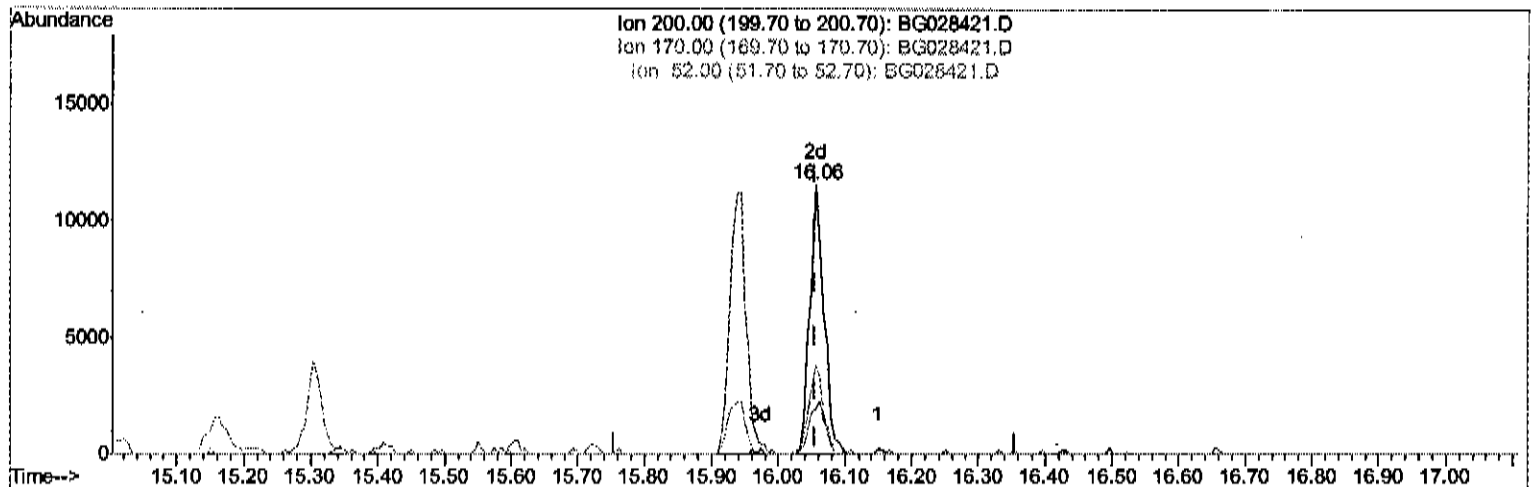
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028421.D
Acq On : 22 Aug 2017 16:38
Operator : SJ/JU
Sample : I4713-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MS

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:05 PM

Quant Time: Aug 23 05:10:34 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



TIC: BG028421.D

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

16.055min (-0.001) 9.61ng/ul m

response 16963

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	17.04#
52.00	47.20	33.41#
0.00	0.00	0.00

Quantitation Report (Qedit)

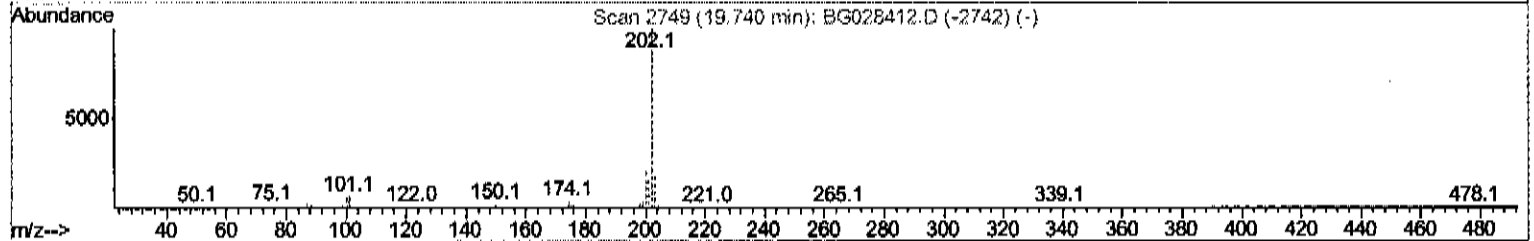
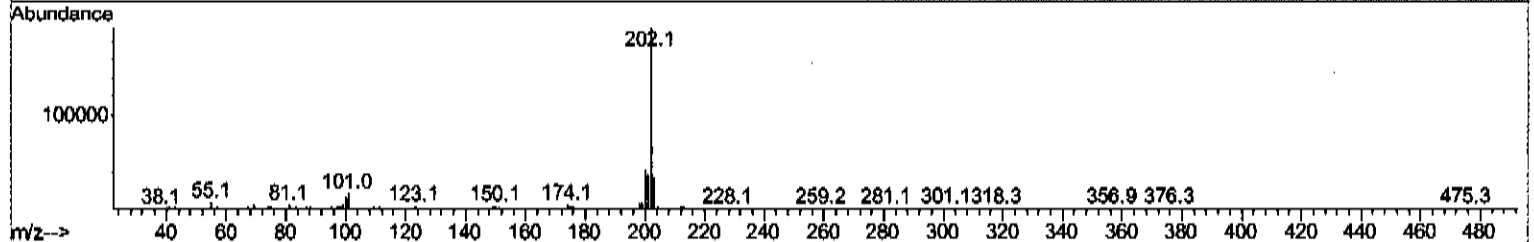
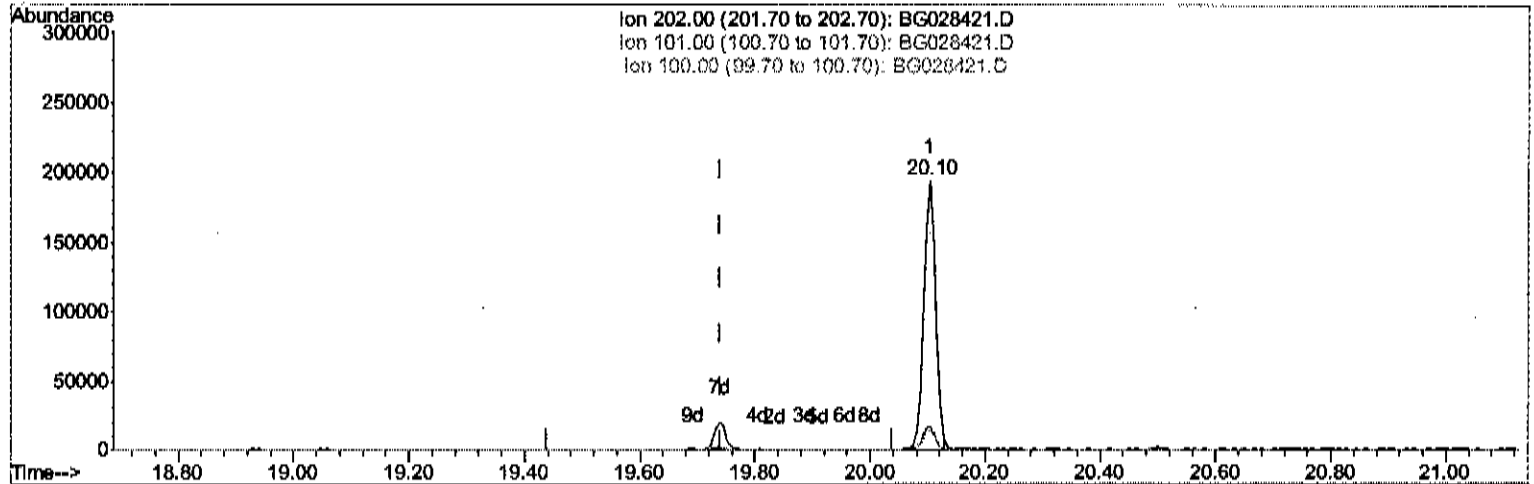
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
 Data File : BG028421.D
 Acq On : 22 Aug 2017 16:38
 Operator : SJ/JU
 Sample : I4713-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4MS

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:05 PM

Quant Time: Aug 23 05:11:19 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 02:58:29 2017
 Response via : Initial Calibration



TIC: BG028421.D

(74) Fluoranthene (C)

20.104min (+0.364) 16.54ng/ul

response 274965

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	8.72
100.00	6.50	7.13
0.00	0.00	0.00

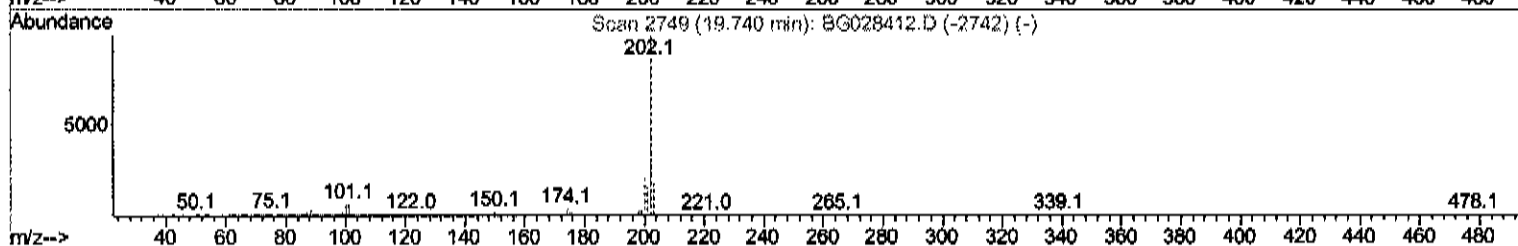
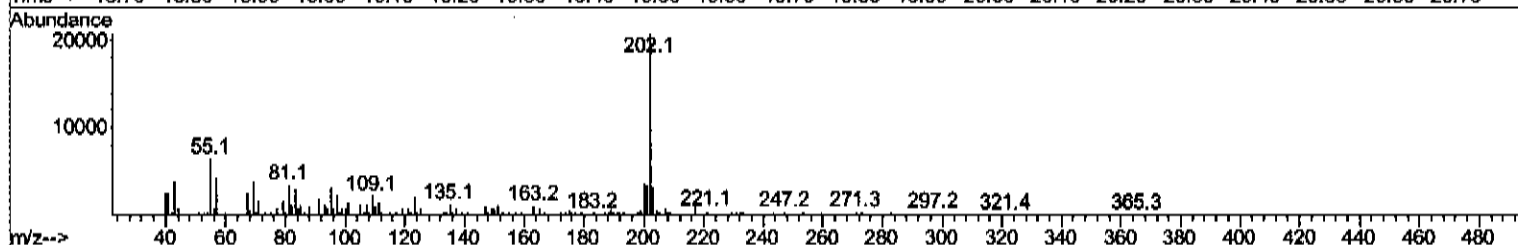
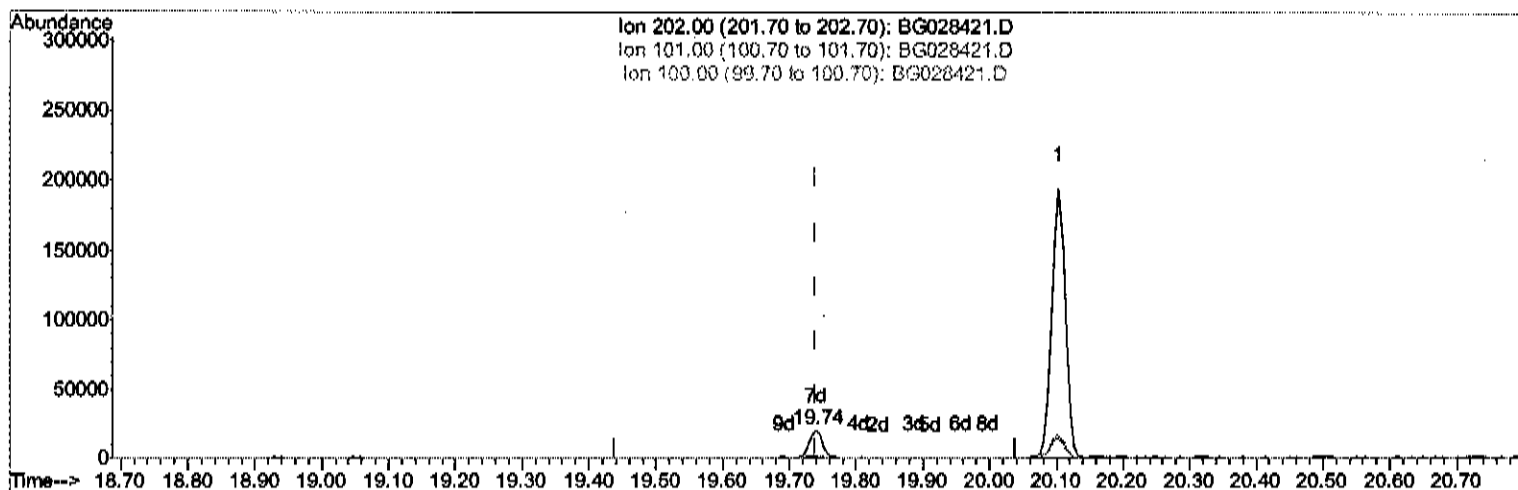
Data Path : U:\HPCHEM1\BNA G\DATA\BG082217\
Data File : BG028421.D
Acq On : 22 Aug 2017 16:38
Operator : SJ/JU
Sample : I4713-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E7GB4MS

Manual Integrations
APPROVED

Sohil
8/23/2017 3:02:05 PM

Quant Time: Aug 23 05:11:19 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration



TIC: BG028421.D

(74) Fluoranthene (C)

19.739min (-0.001) 1.72ng/ul m

response 28575

Ion	Exp%	Act%
202.00	100	100
101.00	7.70	7.59
100.00	6.50	3.86#
0.00	0.00	0.00

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 Data File : BG028421.D
 Acq On : 22 Aug 2017 16:38
 Operator : SJ/JU
 Sample : I4713-05MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4MS

Manual Integrations
 APPROVED

Sohil
 8/23/2017 3:02:05 PM

Quant Time: Aug 23 05:25:15 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	36784	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	168112	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	116927	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	271766m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	301735	20.00	ng/ul	0.00
83) Perylene-d12	25.53	264	292020	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	1903	2.41	ng/uL	0.00
5) Phenol-d5	7.49	99	51599	12.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	35497	13.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	36820	14.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	21168	6.27	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	20654	15.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.23	143	23994	16.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	47318	15.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	30231	9.11	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	182507	17.55	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	213263	18.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	11646	7.04	ng/ul	0.00
57) Fluorene-d10	15.94	176	155363	16.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	16963m	9.61	ng/ul	0.00
70) Anthracene-d10	17.80	188	232084	17.81	ng/ul	0.00
76) Pyrene-d10	20.07	212	271313	17.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	246206	18.01	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.52	94	52344	13.037	ng/ul#	92
10) 2-Chlorophenol	7.91	128	35350	14.234	ng/ul	91
15) N-Nitroso-di-n-propylamine	9.13	70	32551	11.894	ng/ul#	86
33) 4-Chloro-3-methylphenol	12.42	107	44063	12.716	ng/ul	91
44) Dimethylphthalate	14.39	163	91919	9.599	ng/ul#	99
49) Acenaphthene	15.02	153	113364	14.994	ng/ul	94
52) 4-Nitrophenol	15.17	109	17518	10.225	ng/ul#	75
54) 2,4-Dinitrotoluene	15.31	165	40824	13.625	ng/ul#	82
68) Pentachlorophenol	17.35	266	26035	16.530	ng/ul	94
74) Fluoranthene	19.74	202	28575m	1.719	ng/ul	94
77) Pyrene	20.10	202	275737	15.317	ng/ul	98

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