

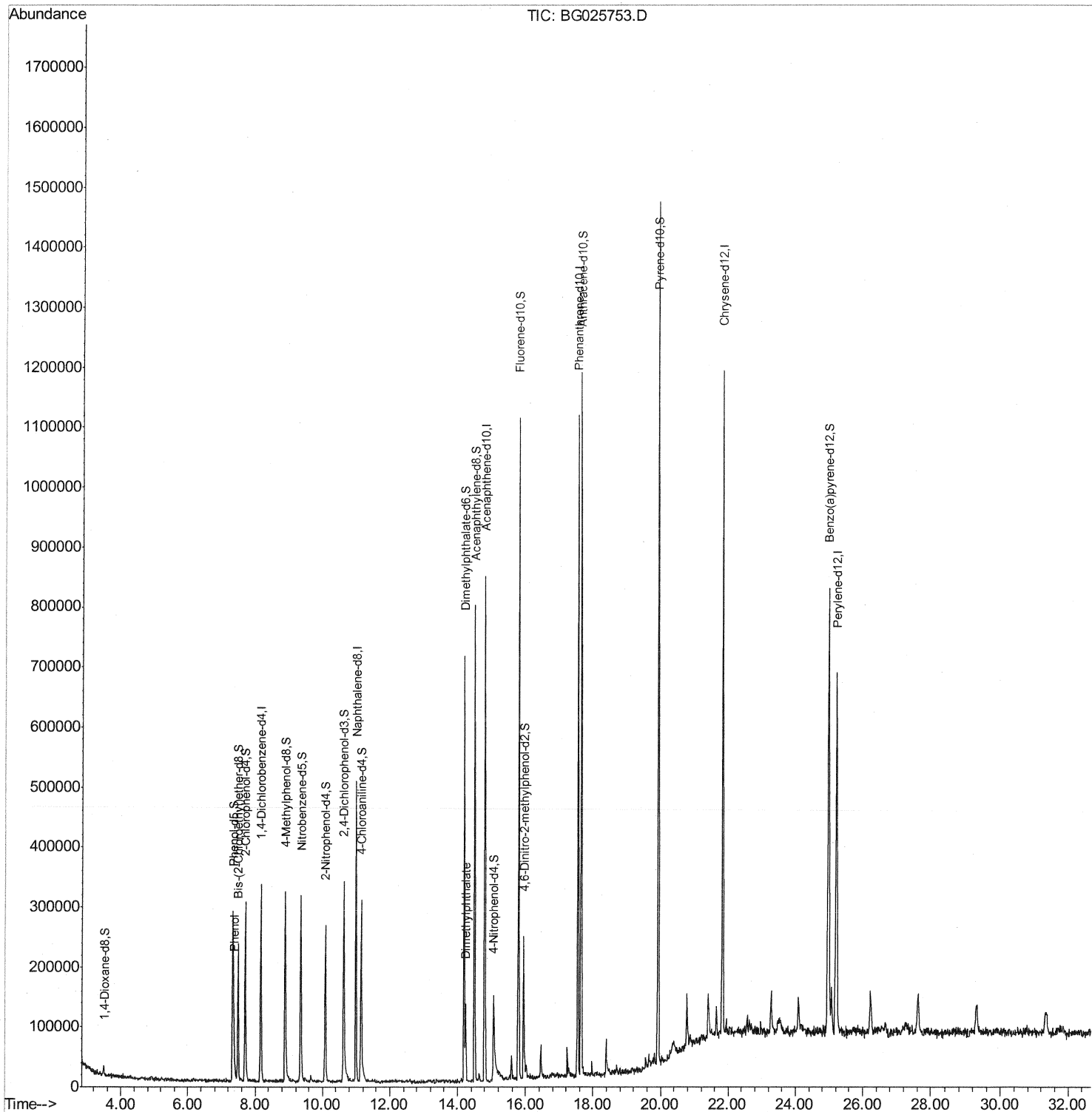
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
Data File : BG025753.D
Acq On : 2 Feb 2017 11:21
Operator : SJ/MA
Sample : I1449-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H0FH7

Manual Integrations
APPROVED

mohammad
2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:10:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Feb 02 14:22:02 2017
Response via : Initial Calibration



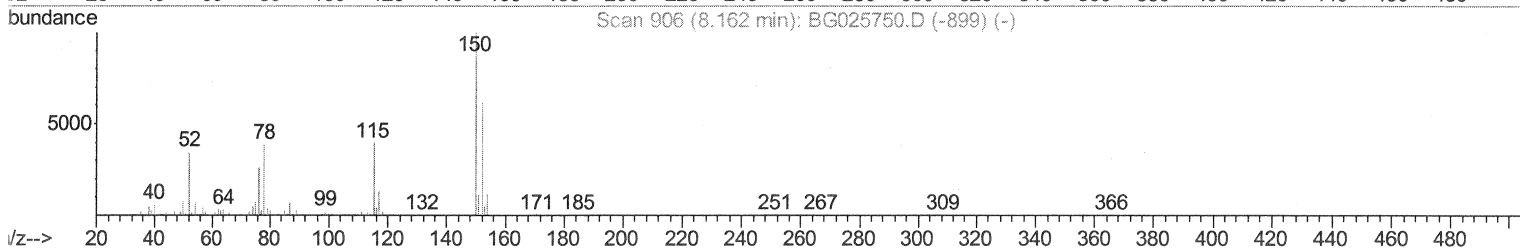
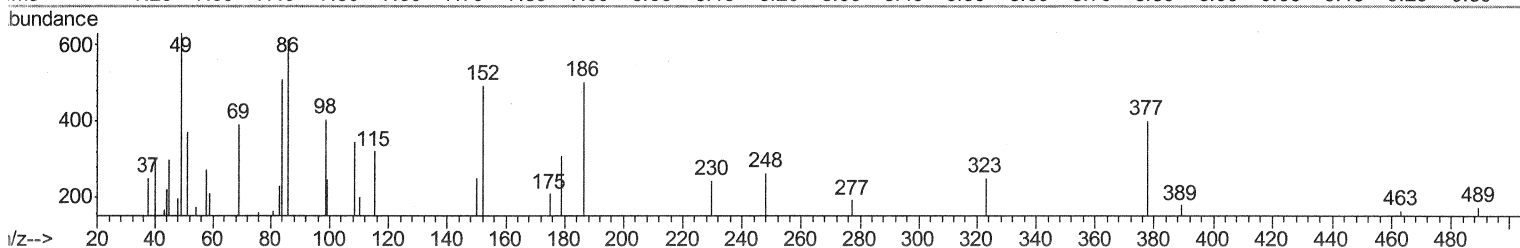
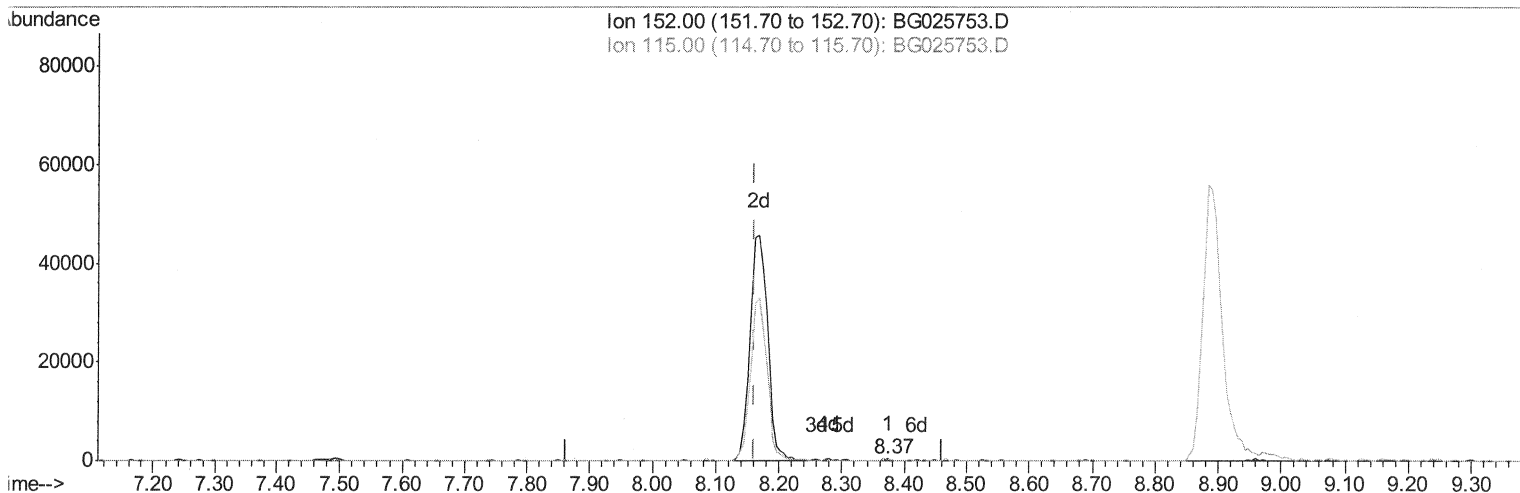
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Manual Integrations
 APPROVED

mohammad
 2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:03:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 14:22:02 2017
 Response via : Initial Calibration



TIC: BG025753.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.373min (+0.211) 20.00ng/ul

response 174

Ion	Exp%	Act%
152.00	100	100
115.00	57.40	65.18
0.00	0.00	0.00
0.00	0.00	0.00

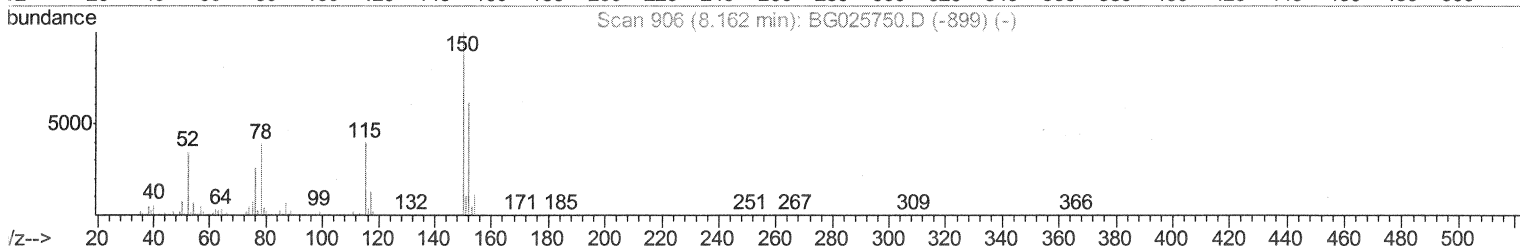
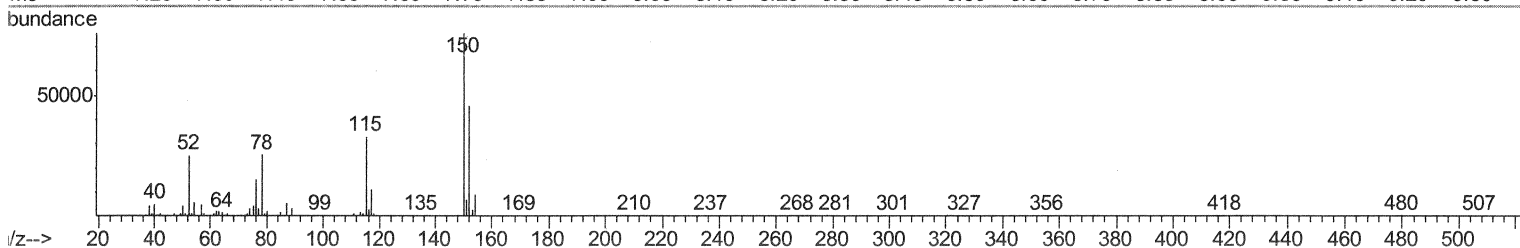
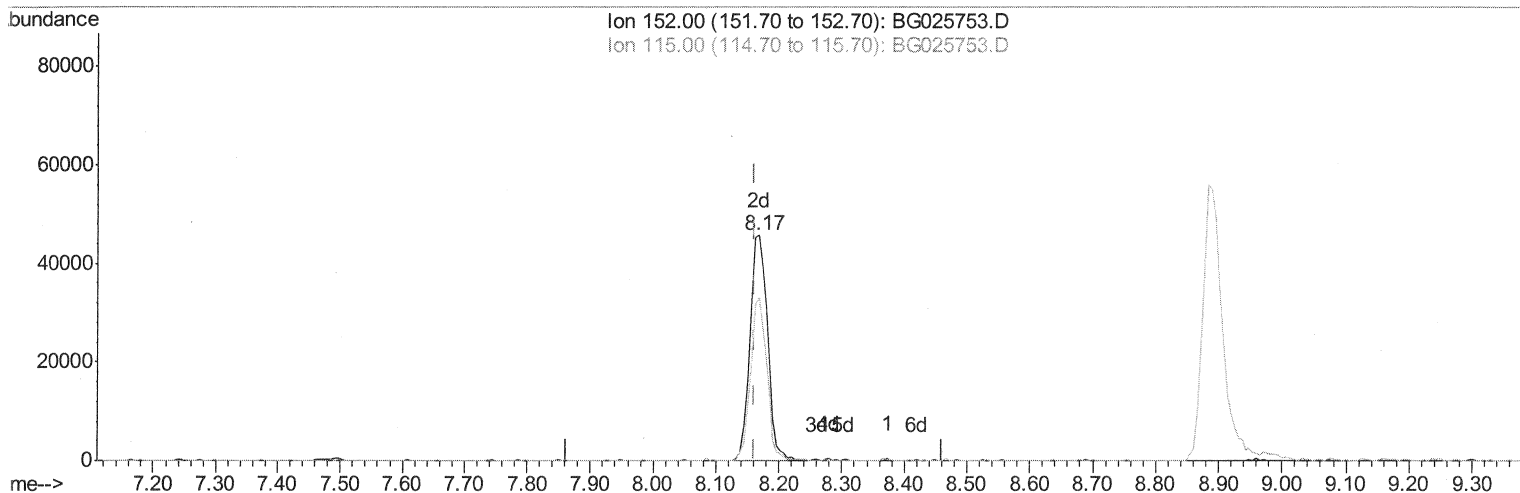
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
 Data File : BG025753.D
 Acq On : 2 Feb 2017 11:21
 Operator : SJ/MA
 Sample : I1449-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



TIC: BG025753.D

(1) 1,4-Dichlorobenzene-d4 (I)

8.167min (+0.005) 20.00ng/ul m SJ 2/2/17

response 88724

Ion	Exp%	Act%
152.00	100	100
115.00	57.40	72.22#
0.00	0.00	0.00
0.00	0.00	0.00

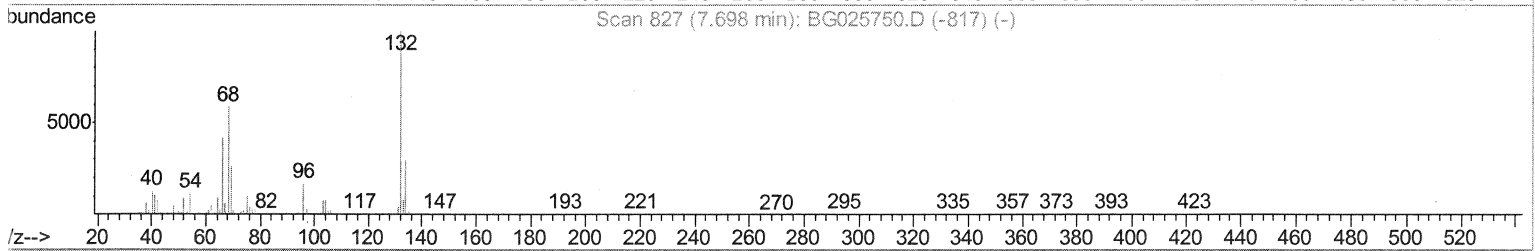
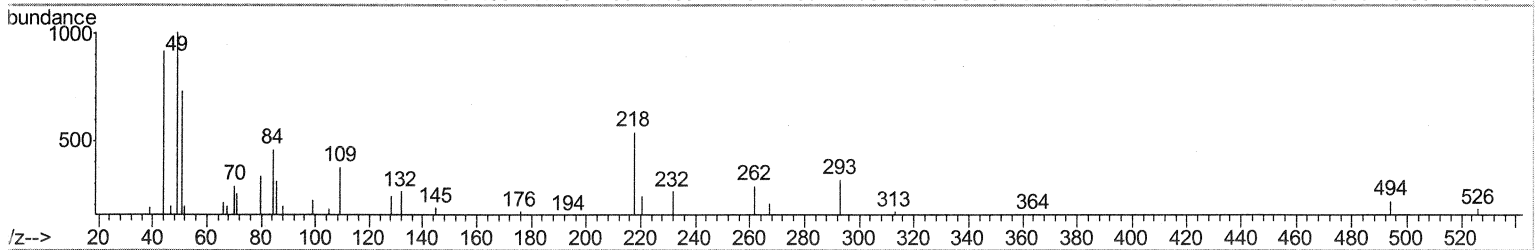
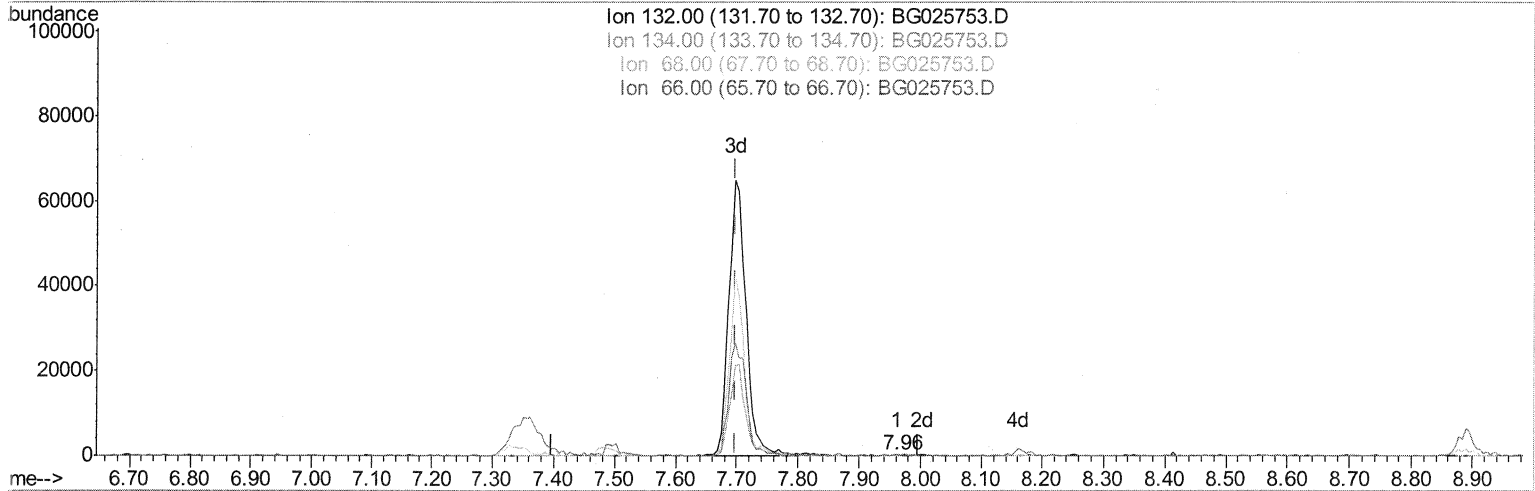
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
 Data File : BG025753.D
 Acq On : 2 Feb 2017 11:21
 Operator : SJ/MA
 Sample : I1449-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0FH7

Manual Integrations
 APPROVED

mohammad
 2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:04:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 14:22:02 2017
 Response via : Initial Calibration



TIC: BG025753.D

(9) 2-Chlorophenol-d4 (S)

7.962min (+0.264) 0.03ng/ul

response 151

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	0.00#
68.00	51.70	0.00#
66.00	47.60	80.68#

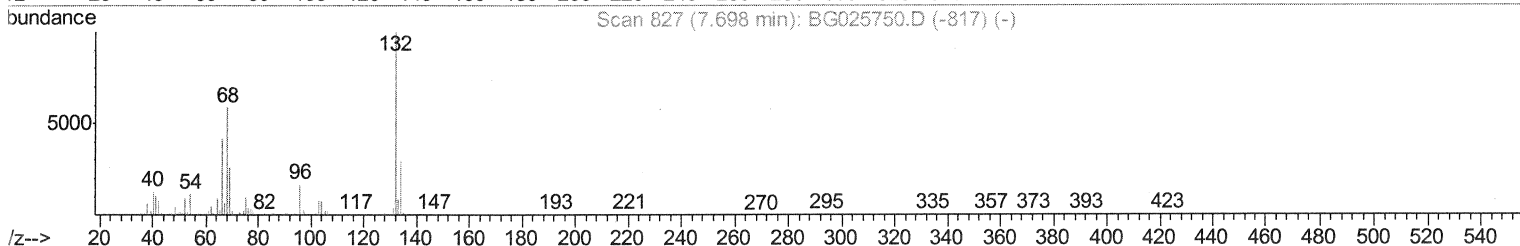
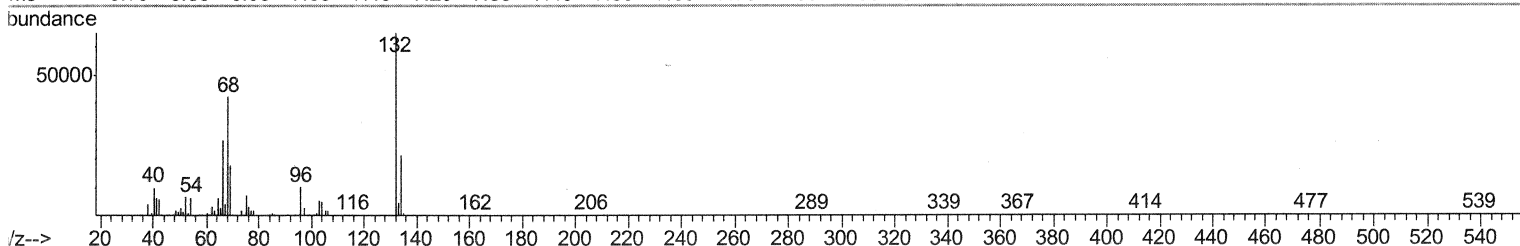
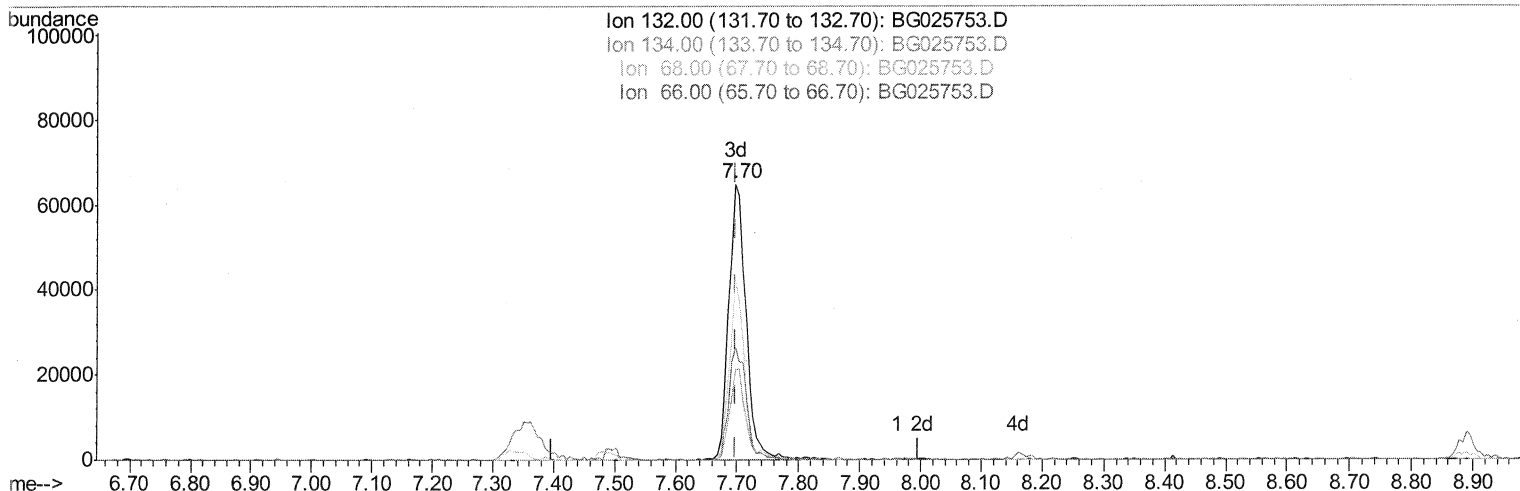
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
 Data File : BG025753.D
 Acq On : 2 Feb 2017 11:21
 Operator : SJ/MA
 Sample : I1449-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0FH7

Manual Integrations
 APPROVED

mohammad
 2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:04:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 14:22:02 2017
 Response via : Initial Calibration



TIC: BG025753.D

(9) 2-Chlorophenol-d4 (S)

7.697min (-0.001) 23.08ng/ul m SJ 2/2/17

response 123775

Ion	Exp%	Act%
132.00	100	100
134.00	38.90	32.88
68.00	51.70	65.09#
66.00	47.60	41.10

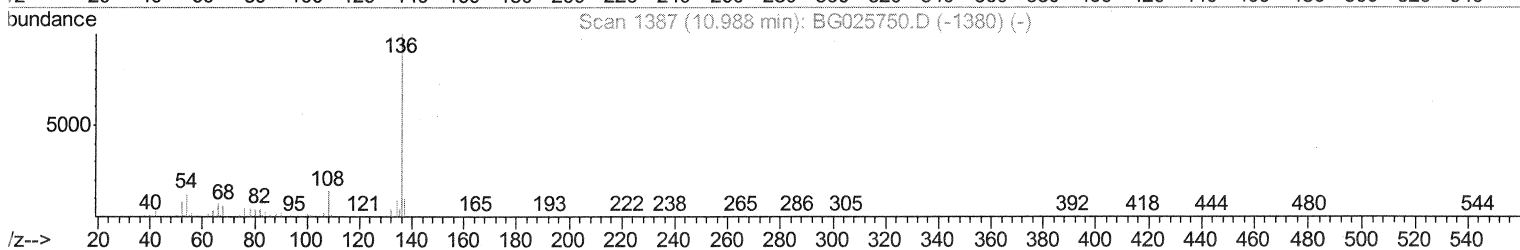
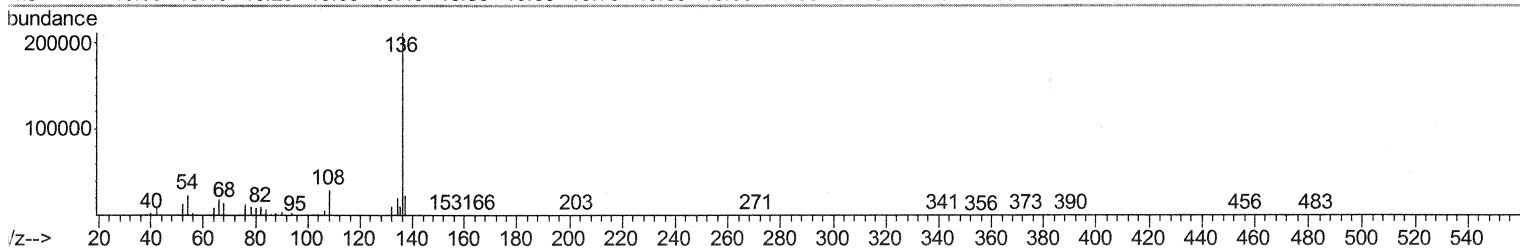
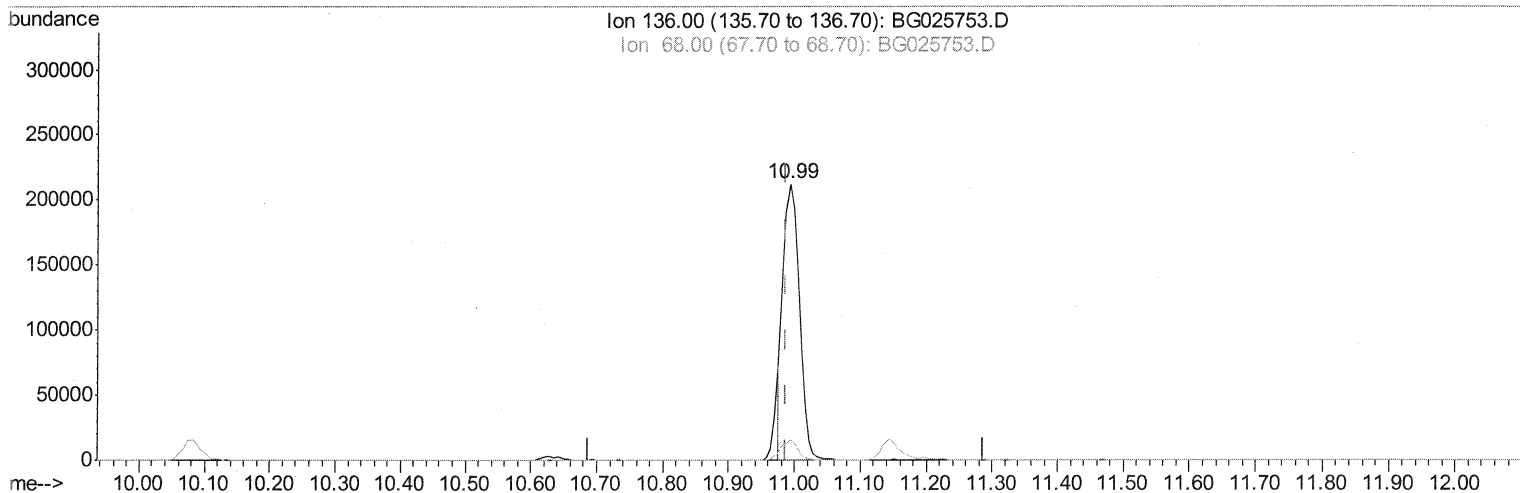
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
Data File : BG025753.D
Acq On : 2 Feb 2017 11:21
Operator : SJ/MA
Sample : I1449-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
H0FH7

Manual Integrations
APPROVED

mohammad
2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:04:29 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
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TIC: BG025753.D

(18) Naphthalene-d8 (I)

10.993min (+0.005) 20.00ng/ul

response 360012

Ion	Exp%	Act%
136.00	100	100
68.00	6.80	7.14
0.00	0.00	0.00
0.00	0.00	0.00

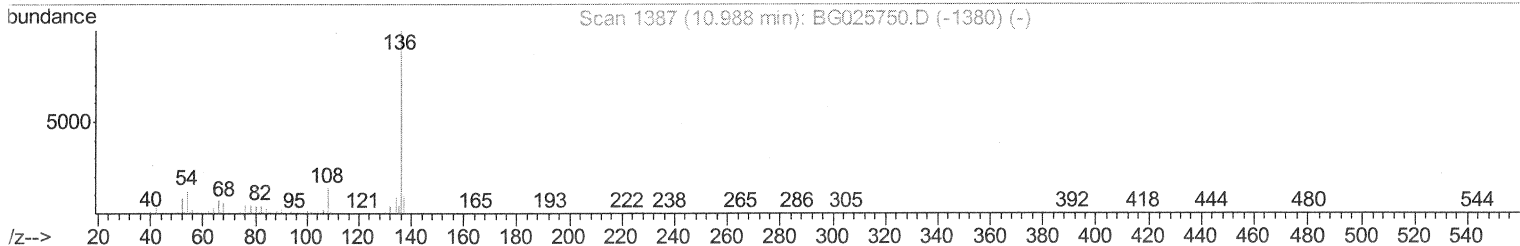
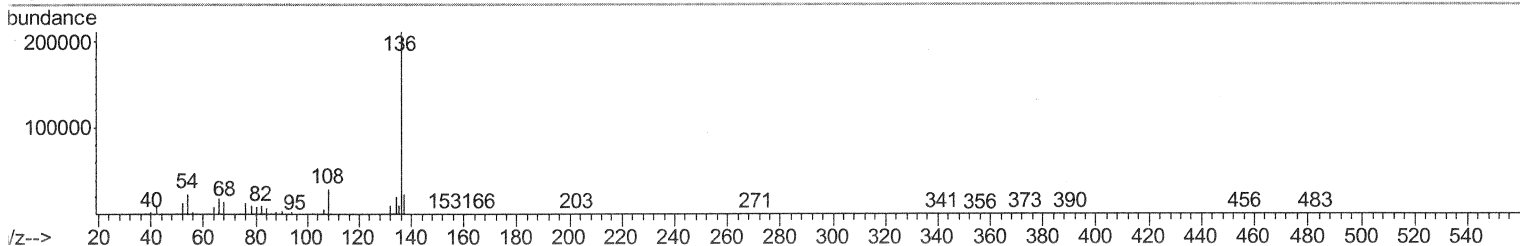
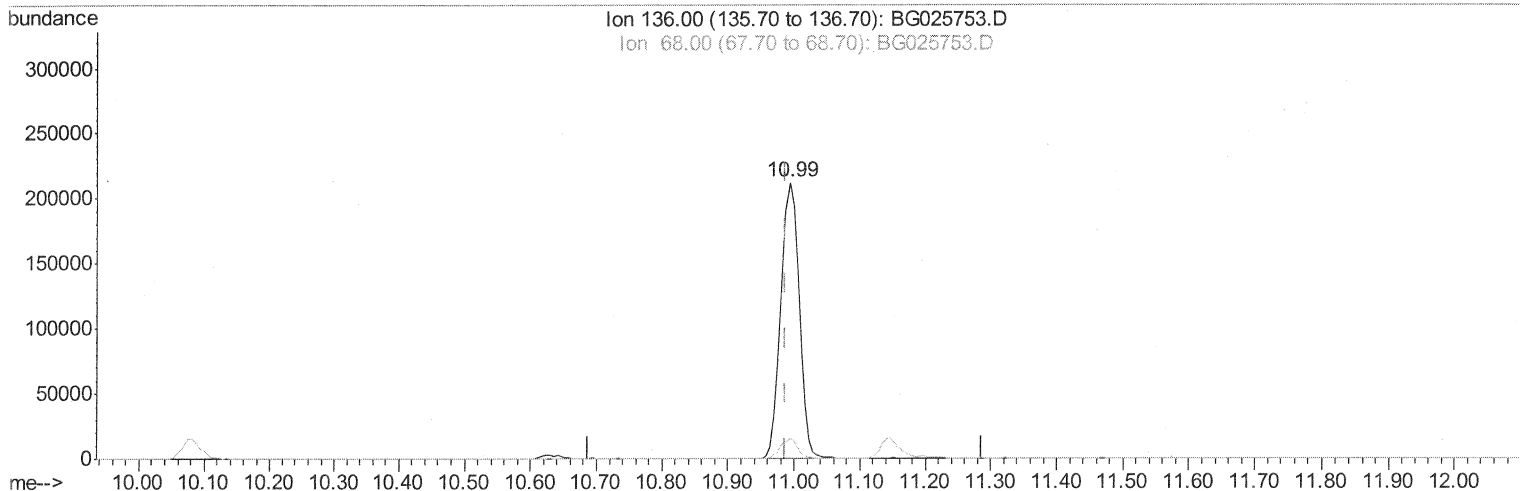
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 Data File : BG025753.D
 Acq On : 2 Feb 2017 11:21
 Operator : SJ/MA
 Sample : I1449-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0FH7

Manual Integrations
 APPROVED

mohammad
 2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:04:29 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 14:22:02 2017
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TIC: BG025753.D

(18) Naphthalene-d8 (I)

10.993min (+0.005) 20.00ng/ul m

SJ 2/2/17

response 399082

Ion	Exp%	Act%
136.00	100	100
68.00	6.80	7.14
0.00	0.00	0.00
0.00	0.00	0.00

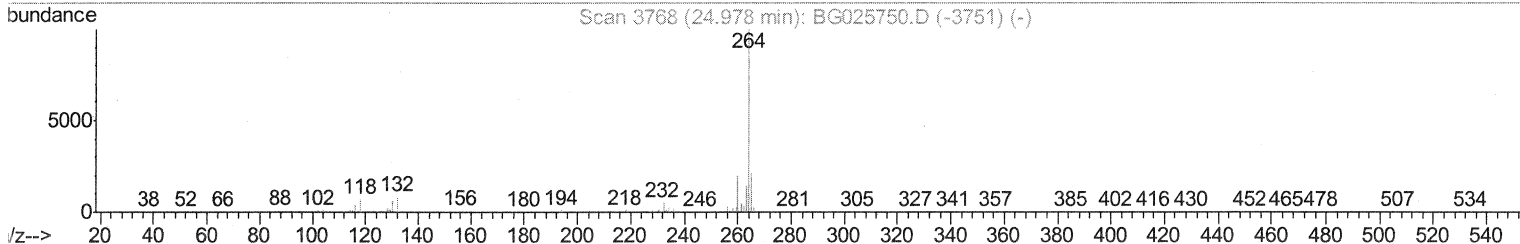
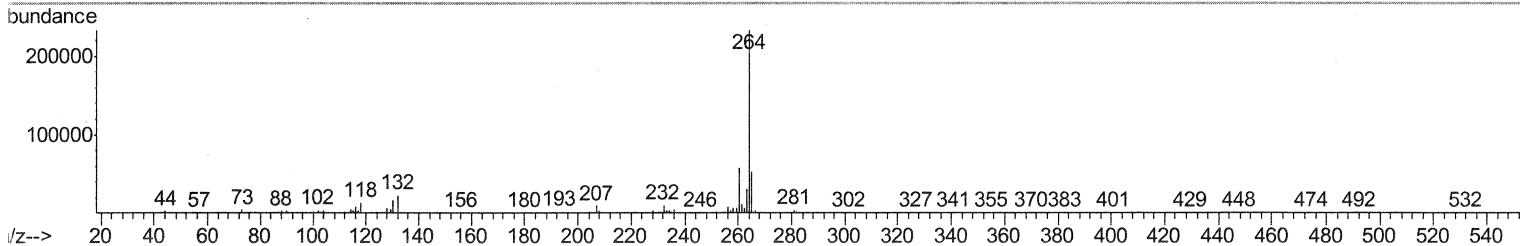
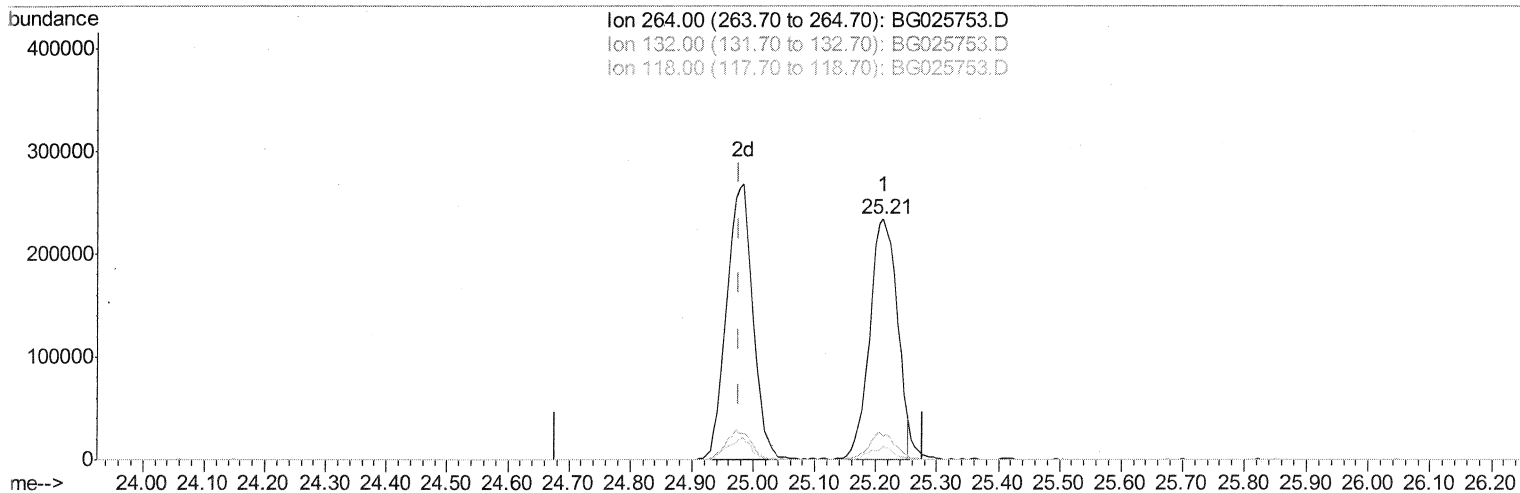
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
 Data File : BG025753.D
 Acq On : 2 Feb 2017 11:21
 Operator : SJ/MA
 Sample : I1449-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0FH7

Manual Integrations
 APPROVED

mohammad
 2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:06:49 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 14:22:02 2017
 Response via : Initial Calibration



TIC: BG025753.D

(87) Benzo(a)pyrene-d12 (S)

25.212min (+0.234) 23.15ng/ul

response 732585

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	9.76
118.00	6.00	5.72
0.00	0.00	0.00

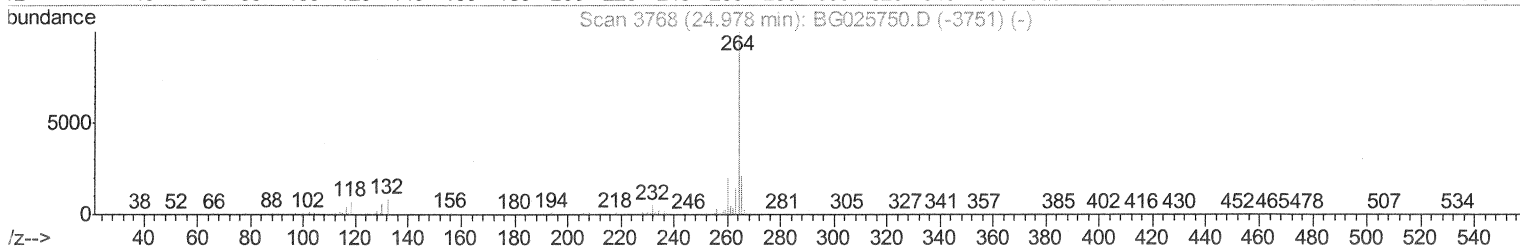
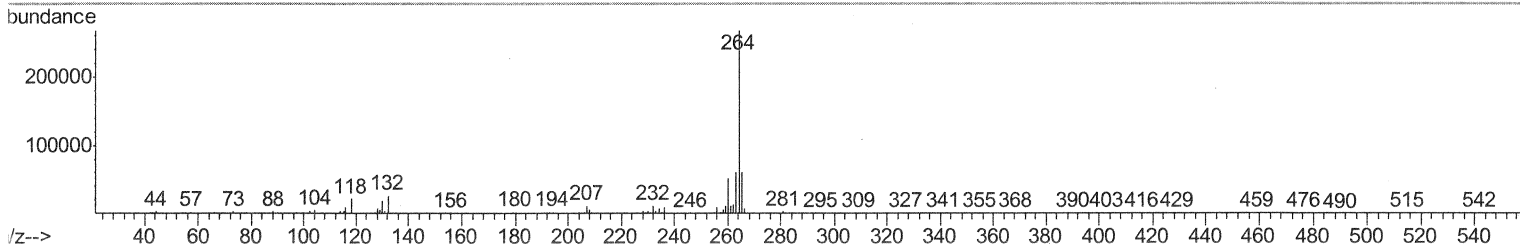
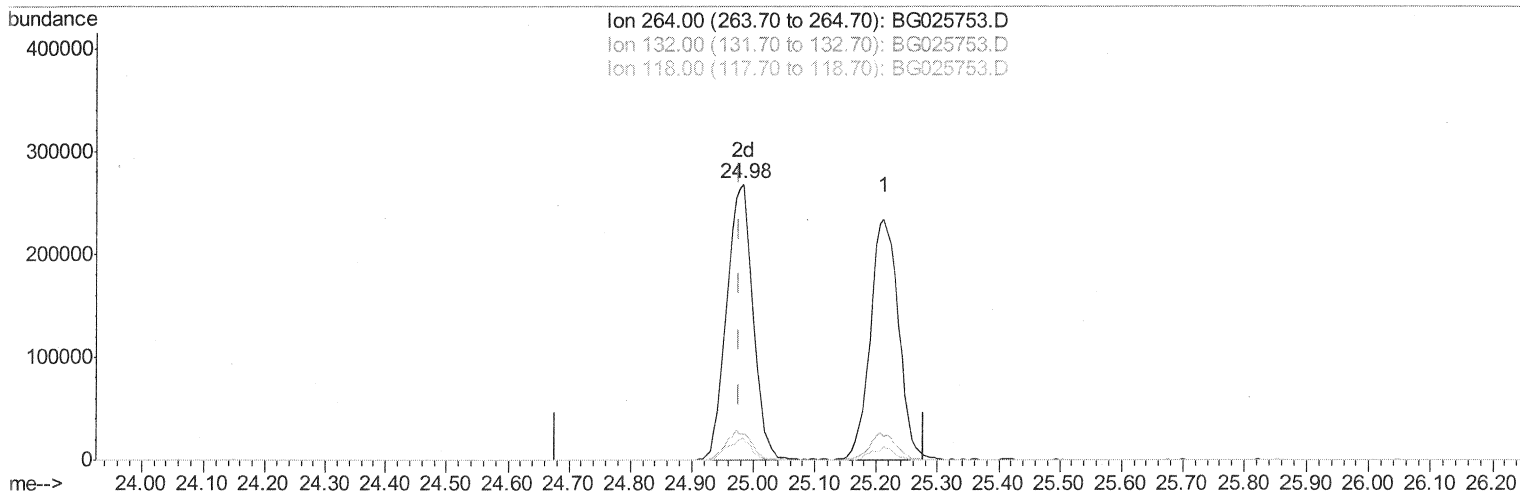
Data Path : Z:\HPCHEM1\BNA_G\Data\BG020217\
 Data File : BG025753.D
 Acq On : 2 Feb 2017 11:21
 Operator : SJ/MA
 Sample : I1449-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 H0FH7

Manual Integrations
 APPROVED

mohammad
 2/3/2017 11:38:02 AM

Quant Time: Feb 02 15:06:49 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 14:22:02 2017
 Response via : Initial Calibration



TIC: BG025753.D

(87) Benzo(a)pyrene-d12 (S)

24.983min (+0.005) 25.16ng/ul m SJ 2/2/17

response 796101

Ion	Exp%	Act%
264.00	100	100
132.00	8.50	9.79
118.00	6.00	8.18#
0.00	0.00	0.00

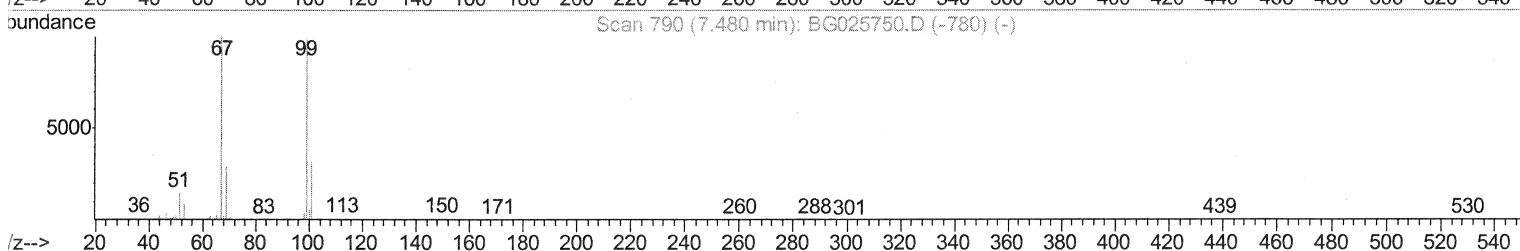
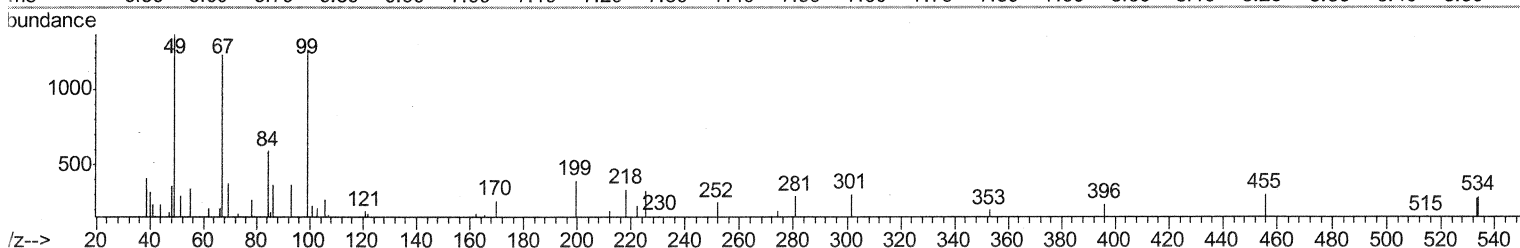
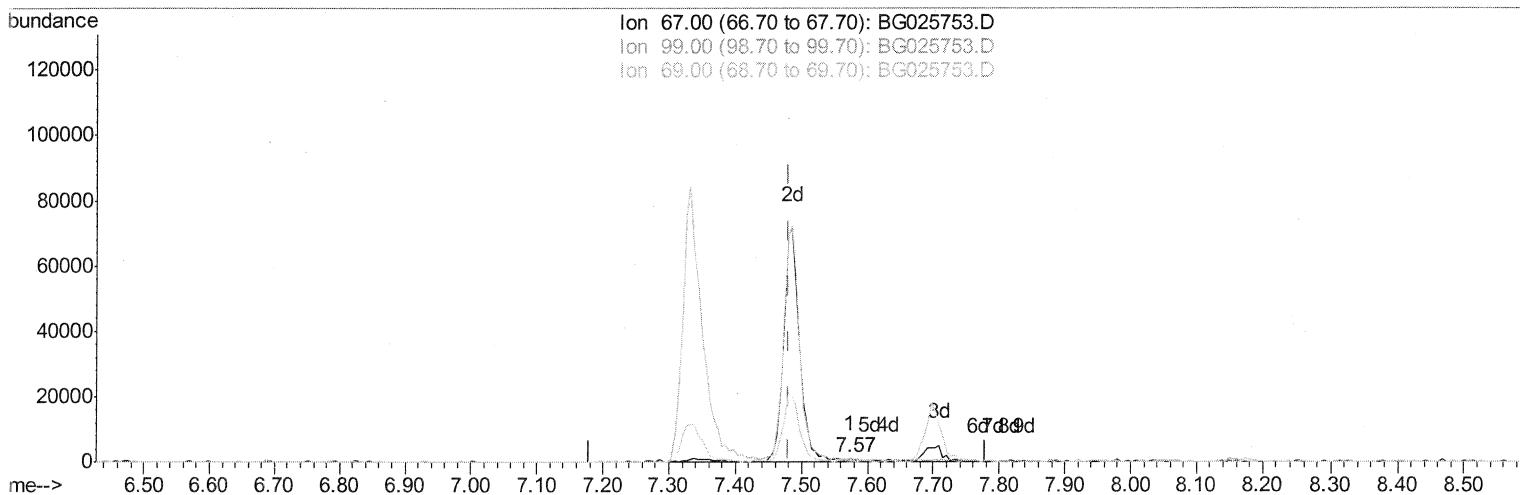
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Instrument :
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Manual Integrations
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.574min (+0.093) 0.13ng/ul

response 651

Ion	Exp%	Act%
67.00	100	100
99.00	102.80	103.02
69.00	31.30	30.39
0.00	0.00	0.00

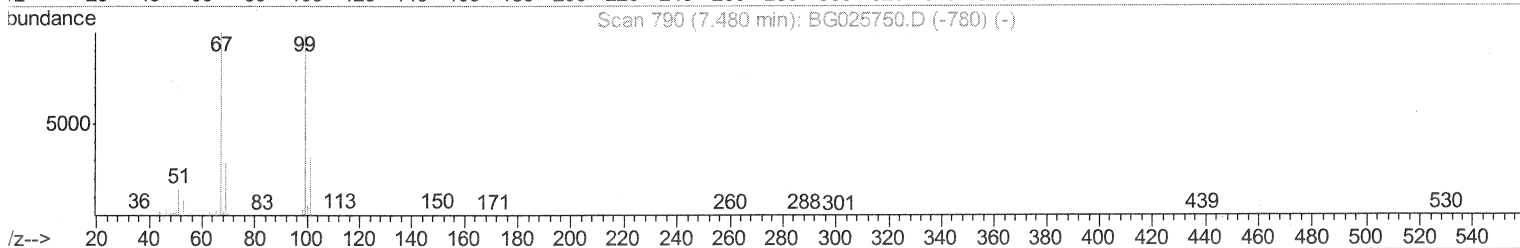
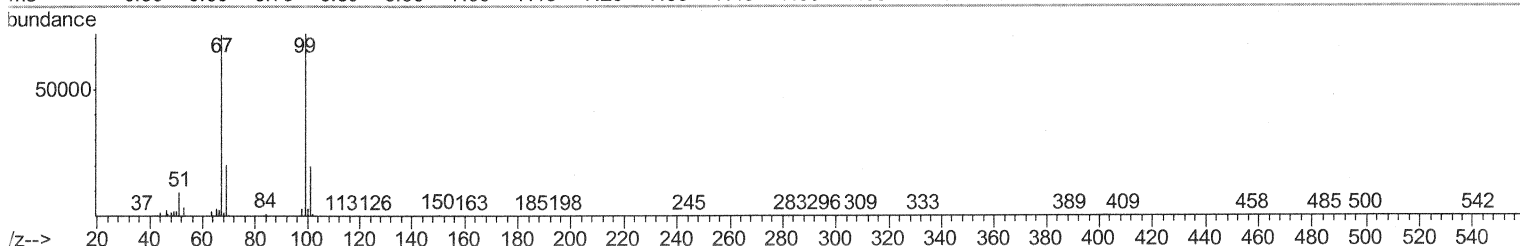
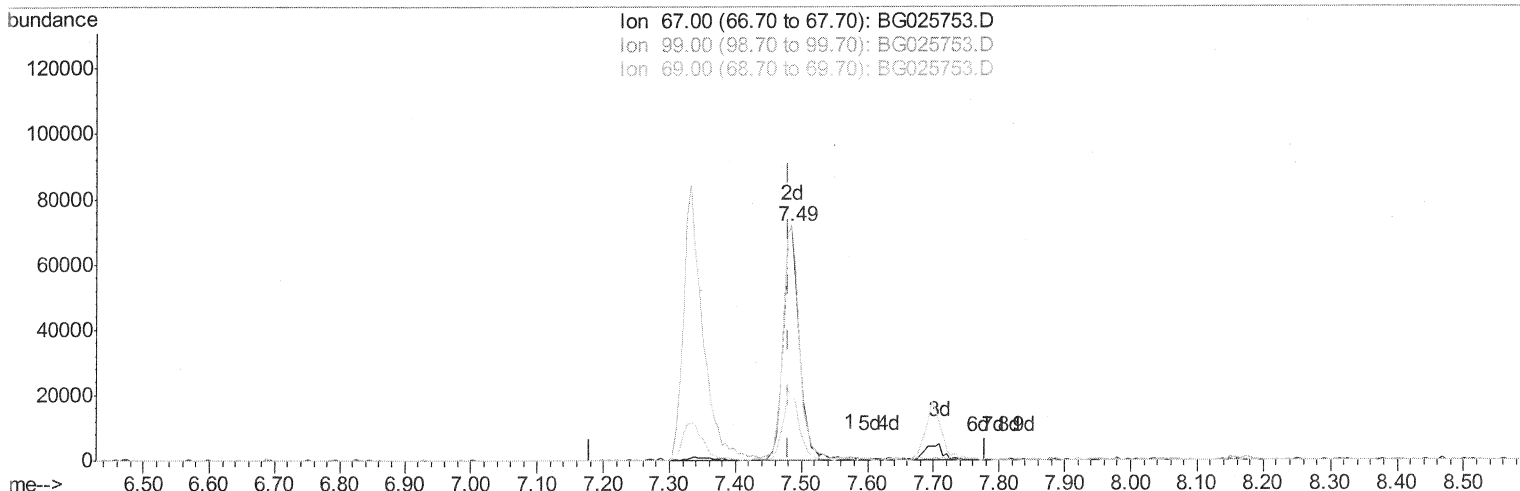
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 Data File : BG025753.D
 Acq On : 2 Feb 2017 11:21
 Operator : SJ/MA
 Sample : I1449-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

mohammad
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 Response via : Initial Calibration



(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.486min (+0.005) 24.85ng/ul m 51 2/2/17

response 122041

Ion	Exp%	Act%
67.00	100	100
99.00	102.80	100.97
69.00	31.30	28.25
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	8.17	152	88724m	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	399082m	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	303211	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	623212	20.00	ng/ul	0.00
75) Chrysene-d12	21.83	240	731126	20.00	ng/ul	0.00
83) Perylene-d12	25.21	264	752780	20.00	ng/ul	0.00

SJ 2/2/17

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	7242	4.08	ng/uL	0.00
5) Phenol-d5	7.33	99	171360	22.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	122041m	24.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	123775m	23.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	133519	20.66	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	66717	23.58	ng/ul	0.01
22) 2-Nitrophenol-d4	10.08	143	75830	22.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	135717	20.38	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	168964	22.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	481133	22.47	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	573502	24.80	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	57540	19.61	ng/ul	0.03
57) Fluorene-d10	15.79	176	438360	21.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	54225	14.11	ng/ul	0.01
70) Anthracene-d10	17.64	188	681444	25.68	ng/ul	0.00
76) Pyrene-d10	19.92	212	811138	26.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	796101m	25.16	ng/ul	0.00

SJ 2/2/17

SJ 2/2/17

Target Compounds

						Qvalue
6) Phenol	7.36	94	38636	4.84	ng/ul	95
44) Dimethylphthalate	14.24	163	79689	3.78	ng/ul#	96

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