

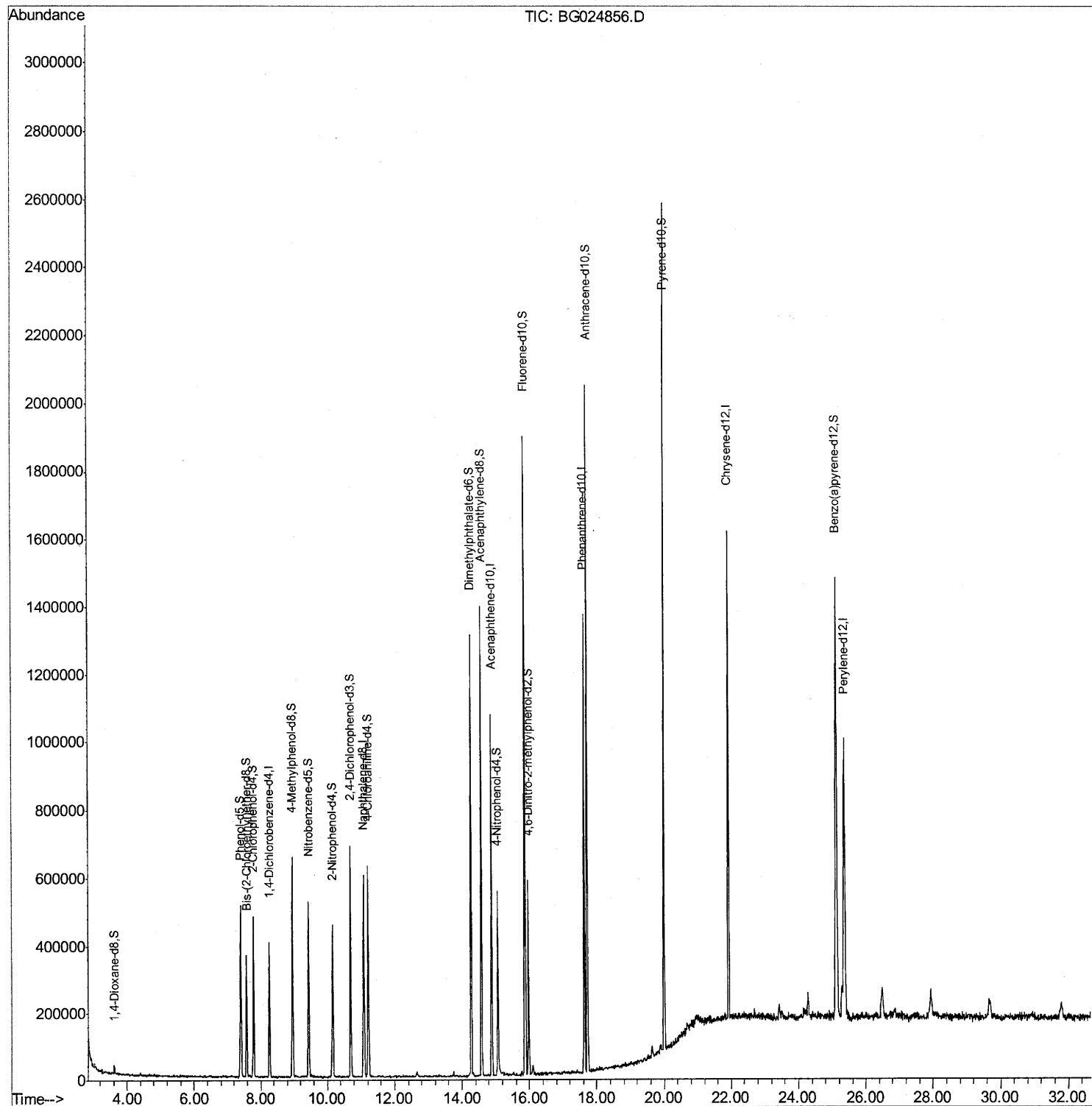
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024856.D
Acq On : 21 Nov 2016 13:11
Operator : UM/SJ
Sample : PB94783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
SBLK83

Manual Integrations
APPROVED

sohil
11/22/2016 4:06:59 PM

Quant Time: Nov 21 16:36:01 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 21 04:36:38 2016
Response via : Initial Calibration



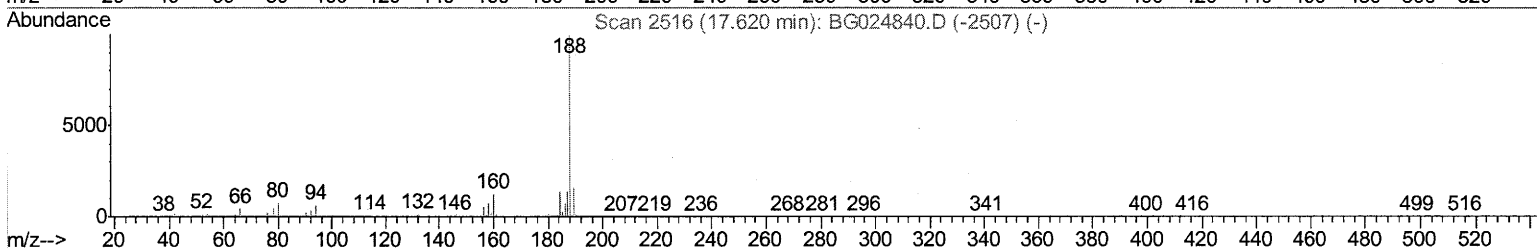
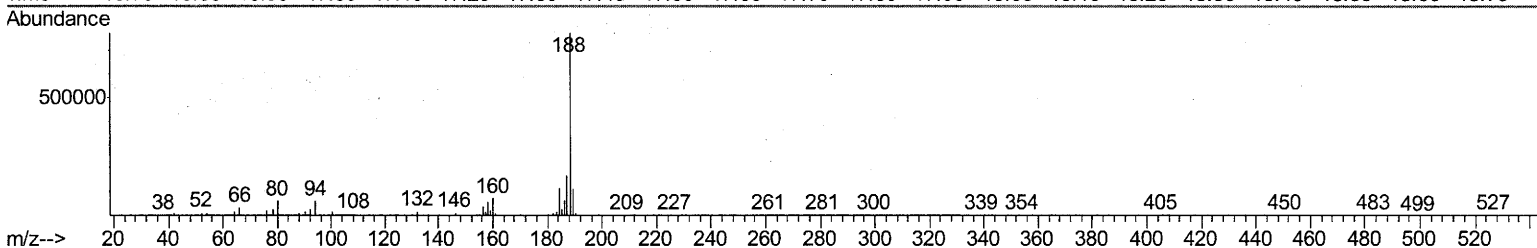
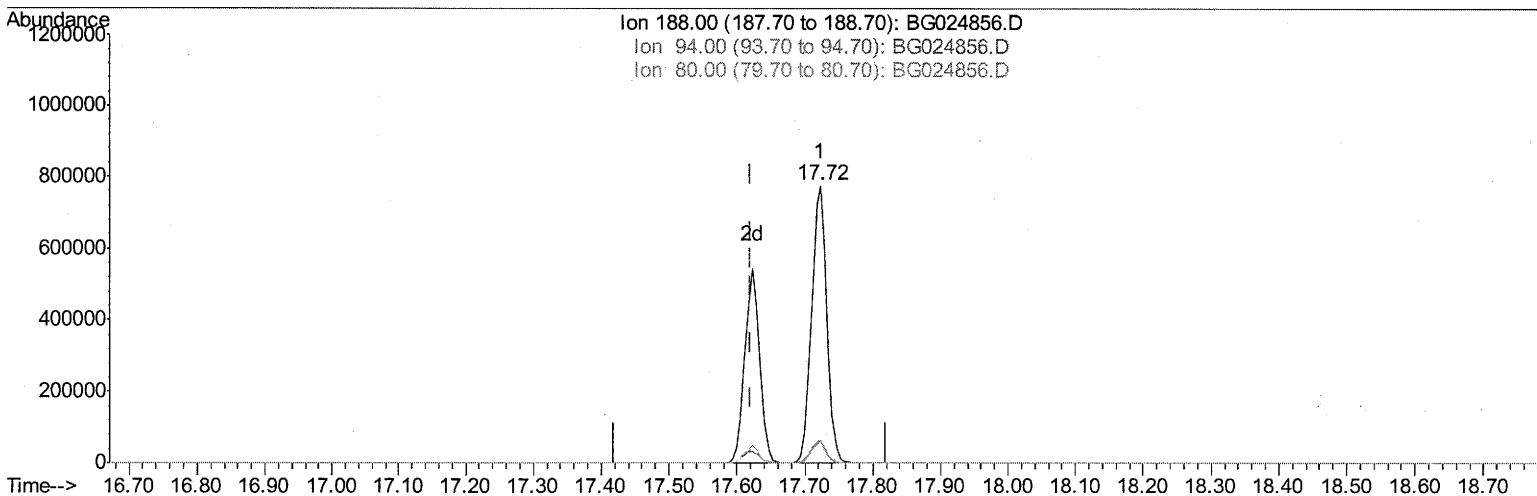
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Quant Time: Nov 21 16:28:04 2016
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Response via : Initial Calibration



TIC: BG024856.D

(61) Phenanthrene-d10 (I)

17.723min (+0.103) 20.00ng/ul

response 1217192

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	8.05
80.00	9.50	8.21
0.00	0.00	0.00

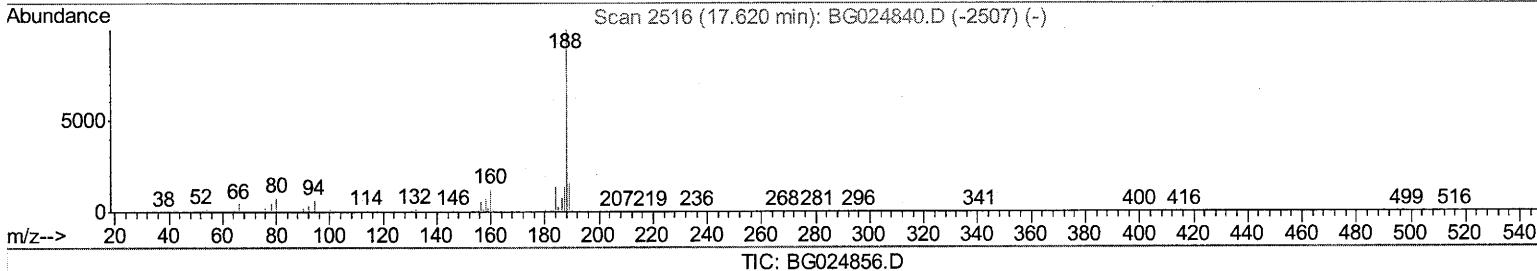
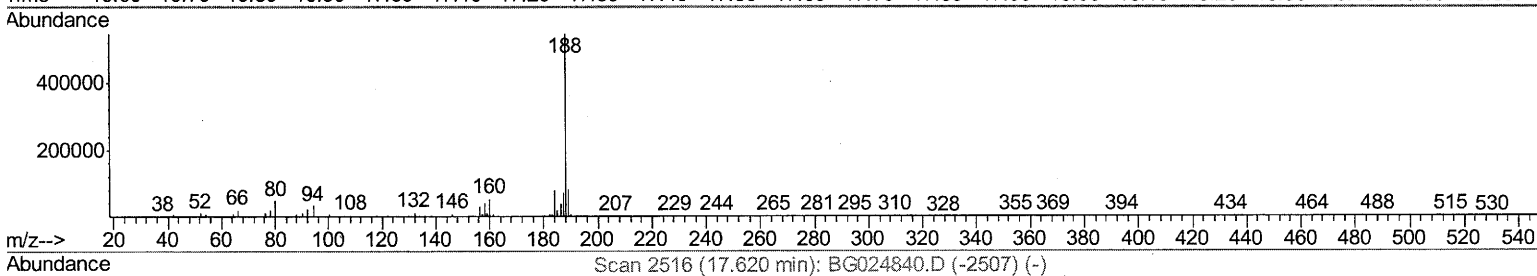
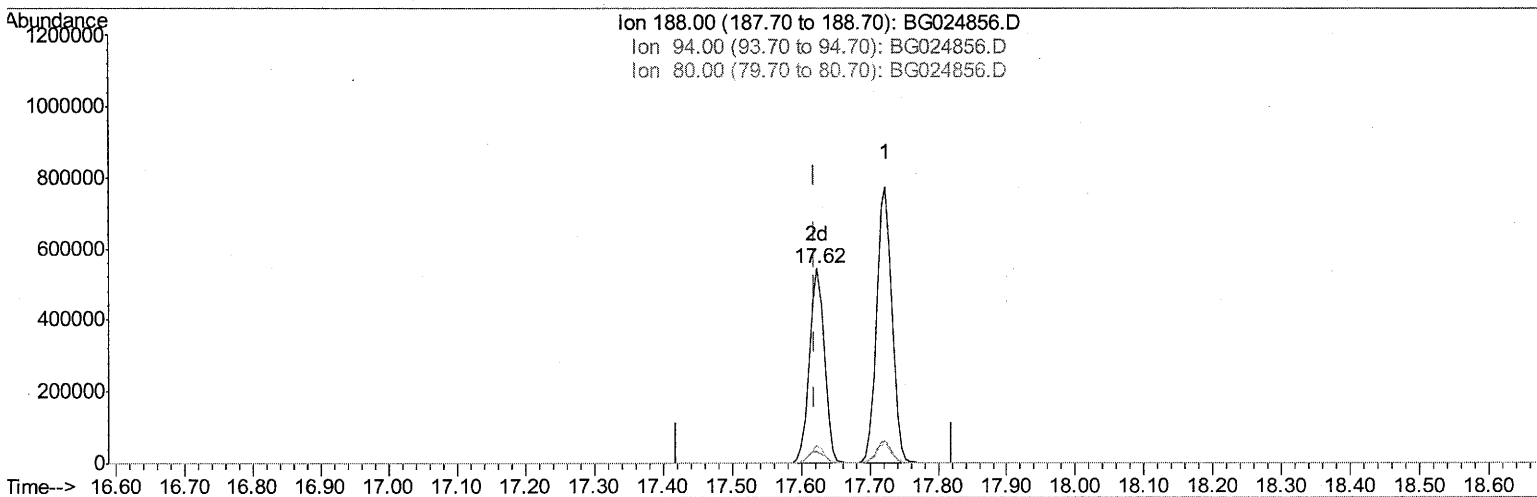
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Instrument :
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Manual Integrations
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(61) Phenanthrene-d10 (I)

17.623min (+0.003) 20.00ng/ul m

UM
11/22/16

response 820175

Ion	Exp%	Act%
188.00	100	100
94.00	8.80	6.15#
80.00	9.50	8.81
0.00	0.00	0.00

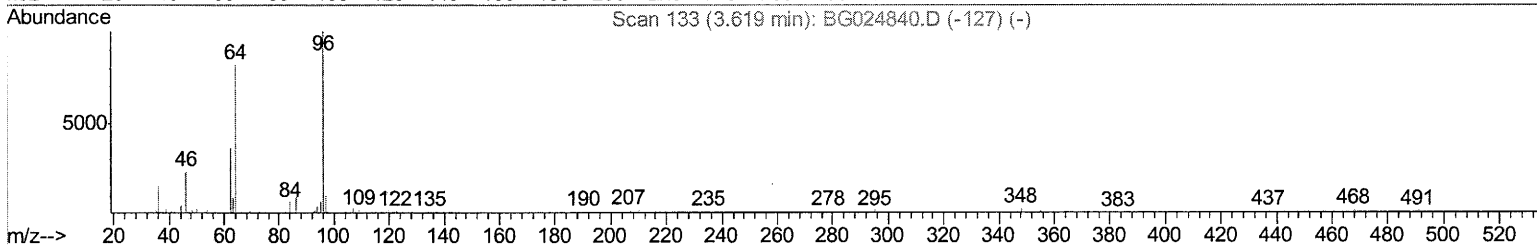
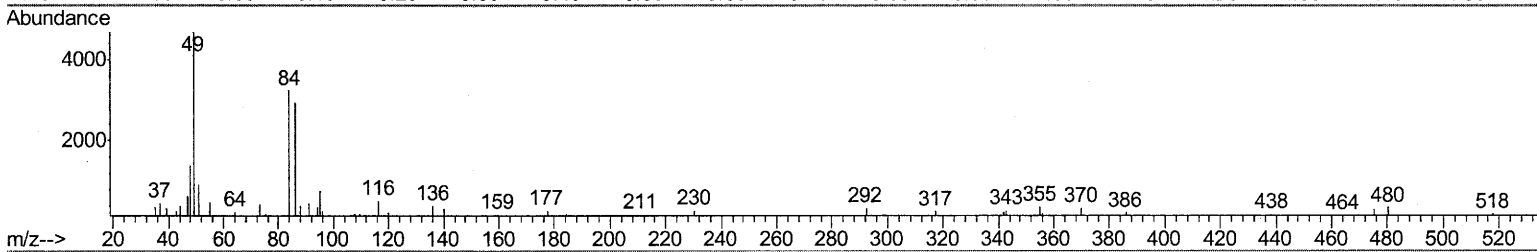
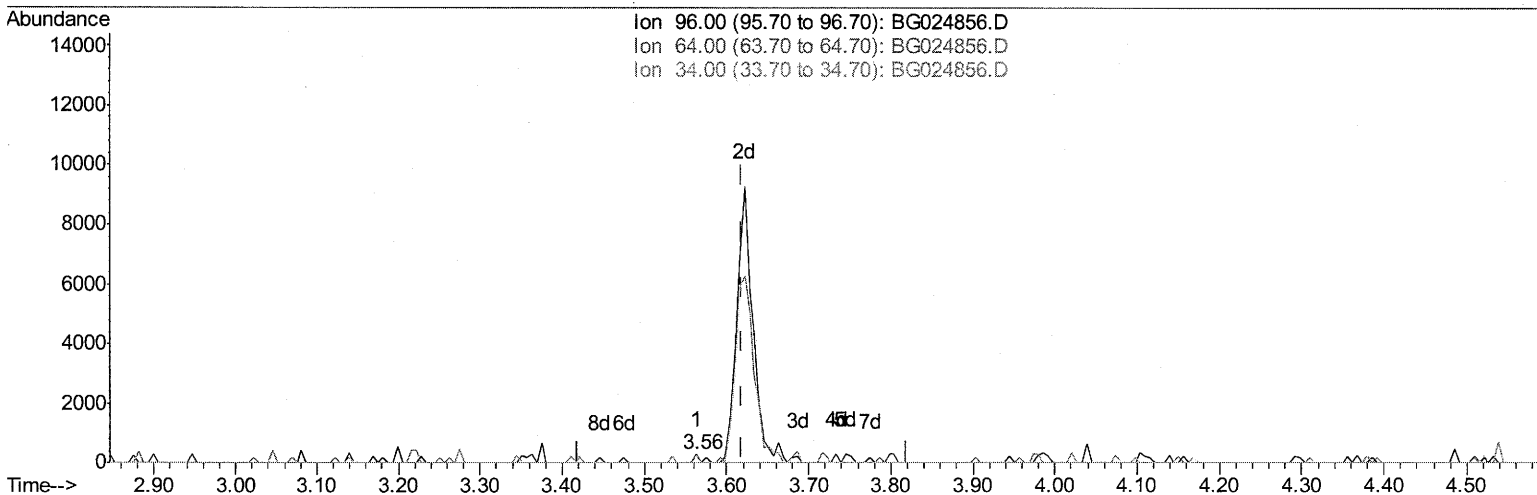
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Operator : UM/SJ
Sample : PB94783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK83

Manual Integrations
APPROVED

sohil
11/22/2016 4:06:59 PM

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TIC: BG024856.D

(3) 1,4-Dioxane-d8 (S)

3.563min (-0.056) 0.08ng/uL

response 164

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	84.54
34.00	0.00	0.00
0.00	0.00	0.00

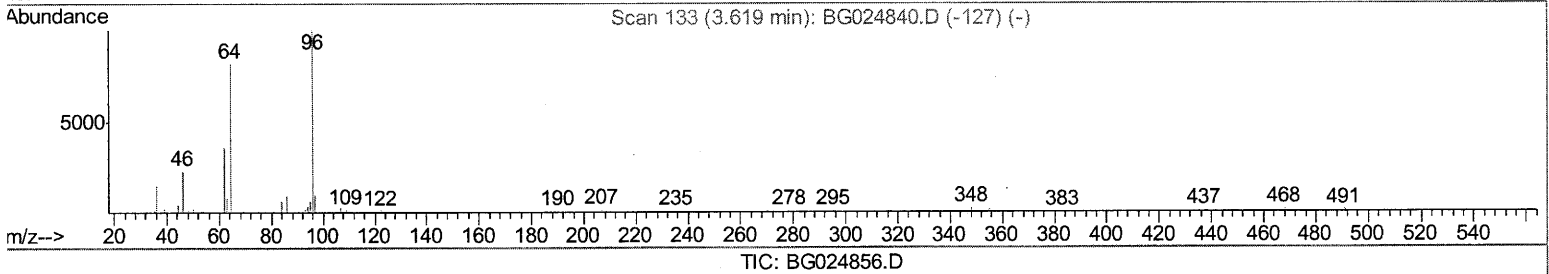
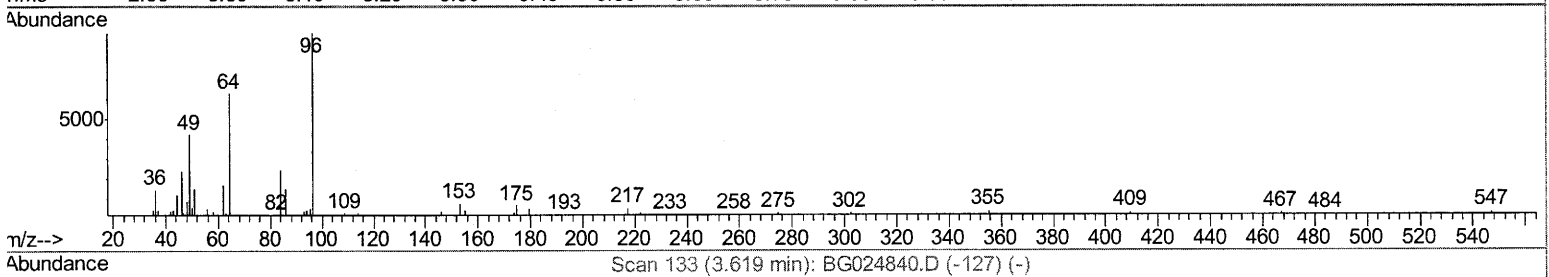
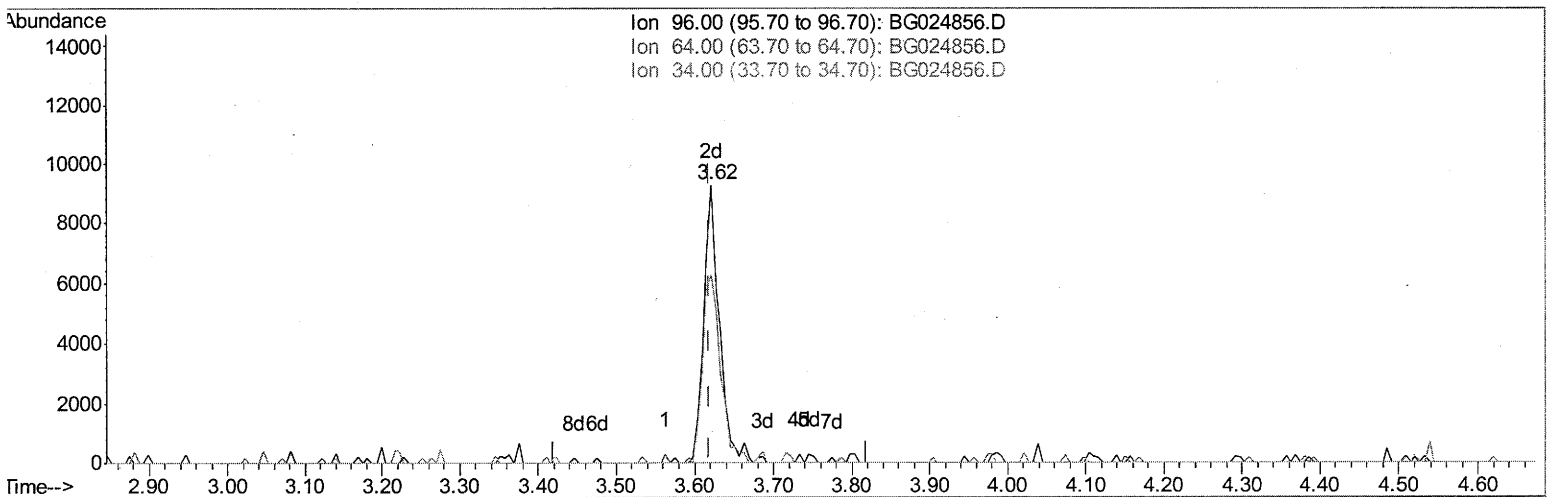
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Acq On : 21 Nov 2016 13:11
Operator : UM/SJ
Sample : PB94783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK83

Manual Integrations
APPROVED

sohil
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Quant Time: Nov 21 16:28:04 2016
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Response via : Initial Calibration



(3) 1,4-Dioxane-d8 (S)

3.622min (+0.003) 6.21ng/uL m

UP

response 12788

11/22/16

Ion	Exp%	Act%
96.00	100	100
64.00	88.90	67.54#
34.00	0.00	0.00
0.00	0.00	0.00

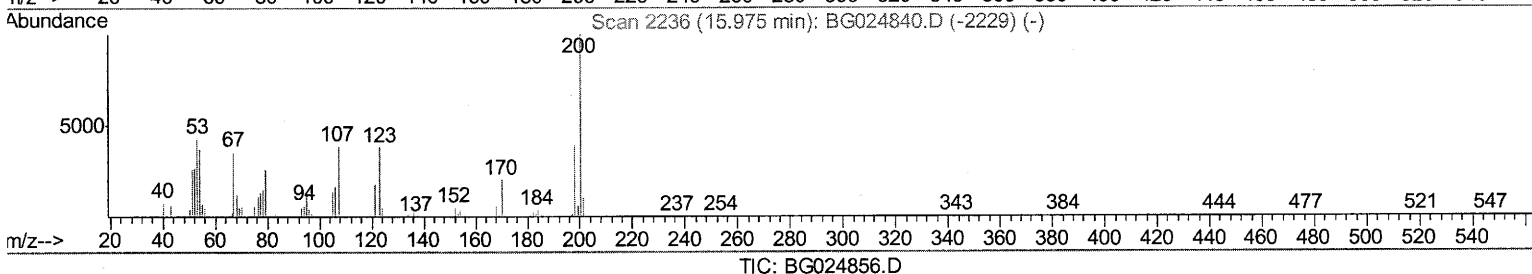
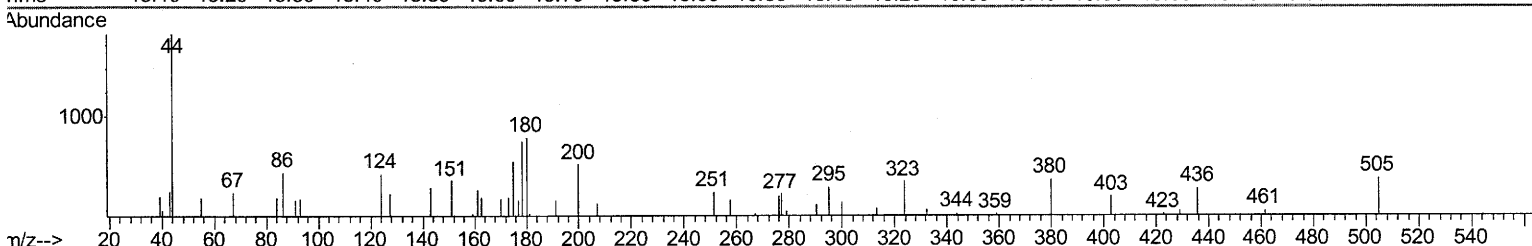
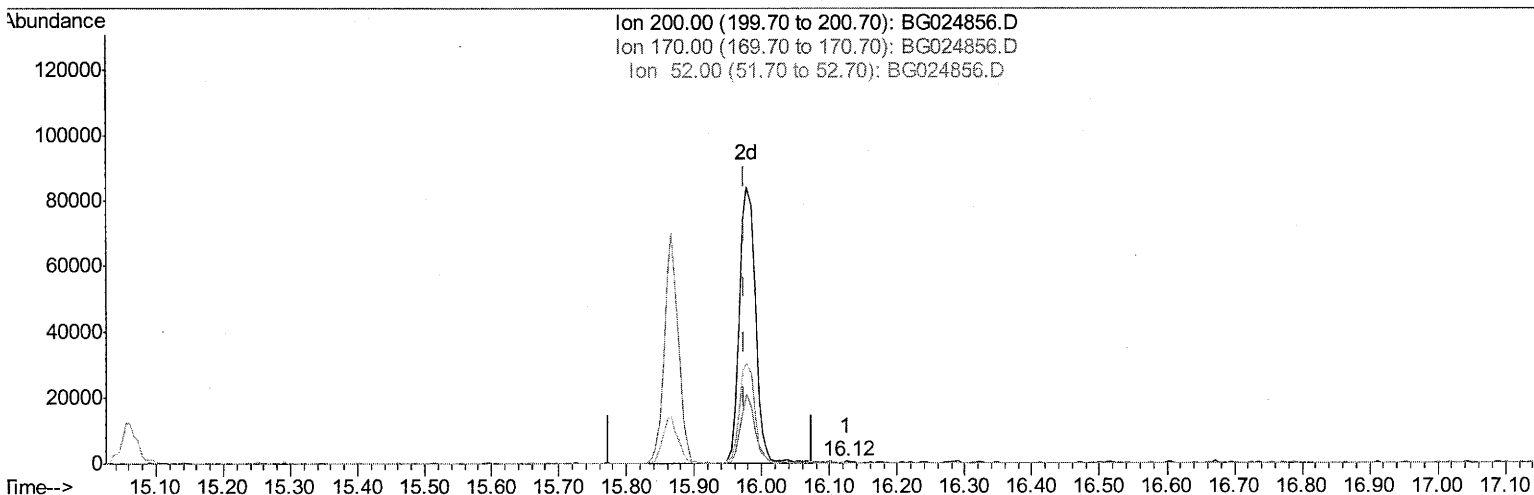
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
Data File : BG024856.D
Acq On : 21 Nov 2016 13:11
Operator : UM/SJ
Sample : PB94783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK83

Manual Integrations
APPROVED

sohil
11/22/2016 4:06:59 PM

Quant Time: Nov 21 16:28:04 2016
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Response via : Initial Calibration



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

16.125min (+0.150) 0.11ng/ul

response 610

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	51.01#
52.00	47.20	0.00#
0.00	0.00	0.00

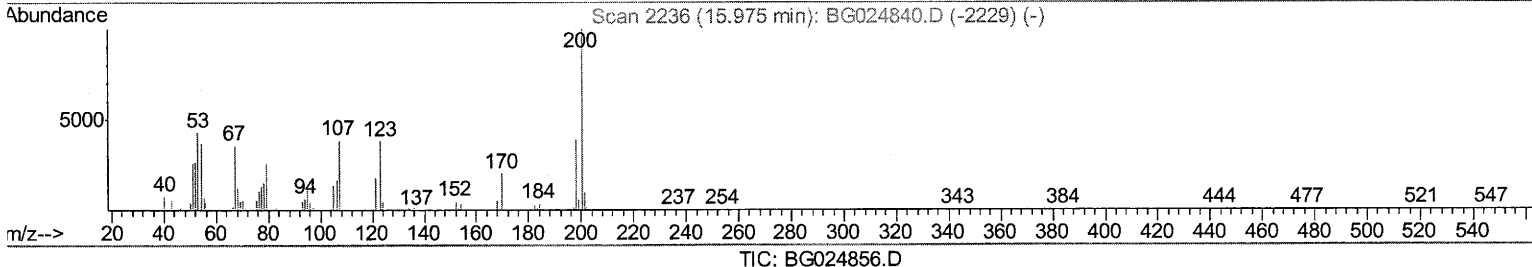
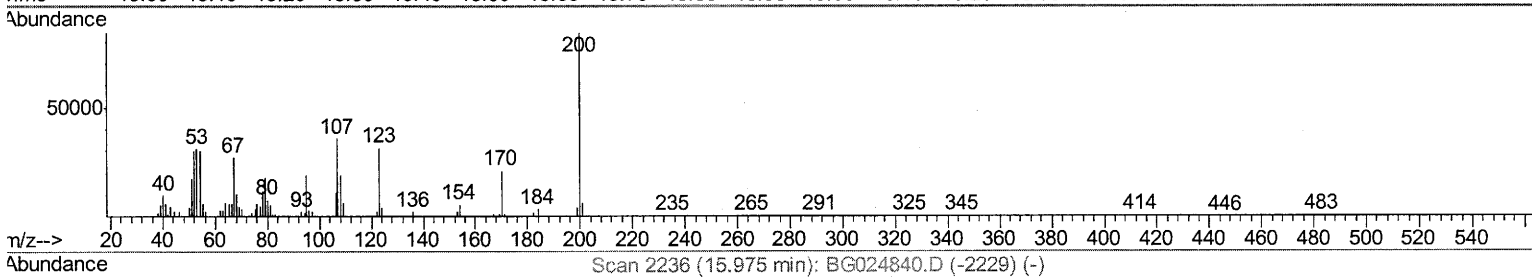
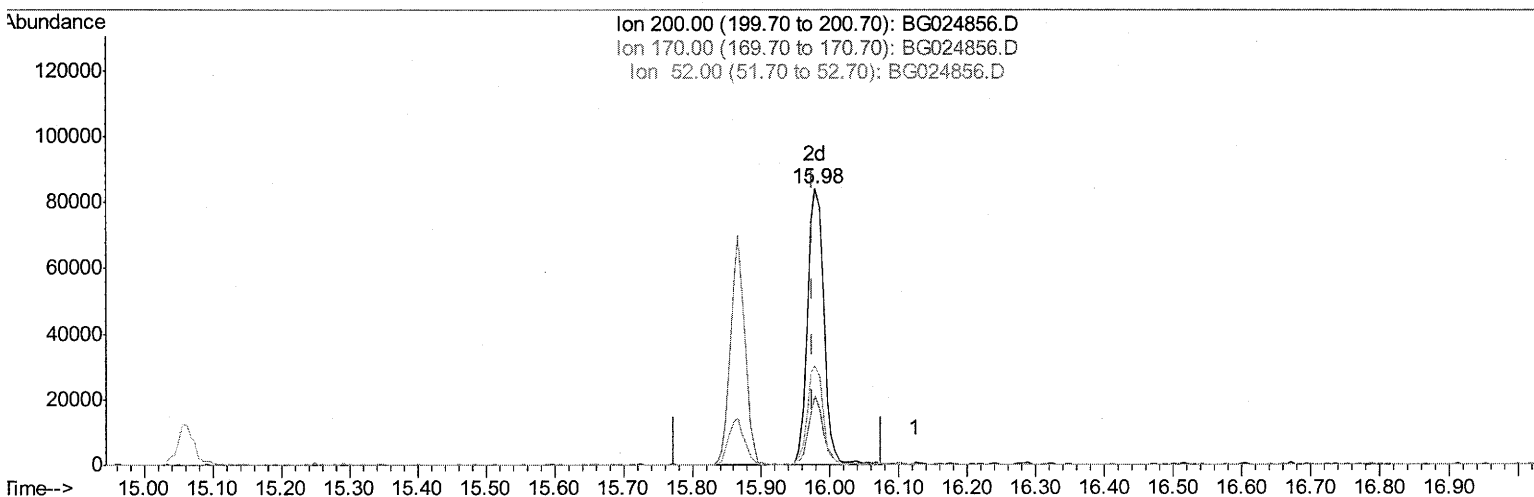
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Data File : BG024856.D
Acq On : 21 Nov 2016 13:11
Operator : UM/SJ
Sample : PB94783BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SBLK83

Manual Integrations
APPROVED

sohil
11/22/2016 4:06:59 PM

Quant Time: Nov 21 16:28:04 2016
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Response via : Initial Calibration



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

15.978min (+0.003) 24.16ng/ul m

UM

response 136255

11/22/16

Ion	Exp%	Act%
200.00	100	100
170.00	23.20	25.03
52.00	47.20	35.88#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112116\
 Data File : BG024856.D
 Acq On : 21 Nov 2016 13:11
 Operator : UM/SJ
 Sample : PB94783BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SBLK83

Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	106635	20.00	nq/ul	0.00
18) Naphthalene-d8	11.09	136	461356	20.00	nq/ul	0.00
35) Acenaphthene-d10	14.88	164	393339	20.00	nq/ul	0.00
61) Phenanthrene-d10	17.62	188	820175m	20.00	nq/ul	0.00
75) Chrysene-d12	21.92	240	990986	20.00	nq/ul	0.00
83) Perylene-d12	25.36	264	1035851	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	12788m	6.21	nq/uL	0.00
5) Phenol-d5	7.40	99	282423	30.91	nq/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	181806	31.63	nq/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	212238	32.40	nq/ul	0.00
13) 4-Methylphenol-d8	8.96	113	247856	32.31	nq/ul	0.00
19) Nitrobenzene-d5	9.43	128	109942	31.47	nq/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	132681	31.82	nq/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	254868	30.71	nq/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	319635	34.47	nq/ul	0.00
43) Dimethylphthalate-d6	14.27	166	886630	30.91	nq/ul	0.00
46) Acenaphthylene-d8	14.58	160	1015236	32.49	nq/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	136557	26.76	nq/ul	0.00
57) Fluorene-d10	15.87	176	806059	29.86	nq/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	136255m	24.16	nq/ul	0.00
70) Anthracene-d10	17.72	188	1217068	33.60	nq/ul	0.00
76) Pyrene-d10	20.00	212	1430090	33.28	nq/ul	0.00
87) Benzo(a)pyrene-d12	25.12	264	1537870	33.91	ng/ul	0.02

Target Compounds Ovalue

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