

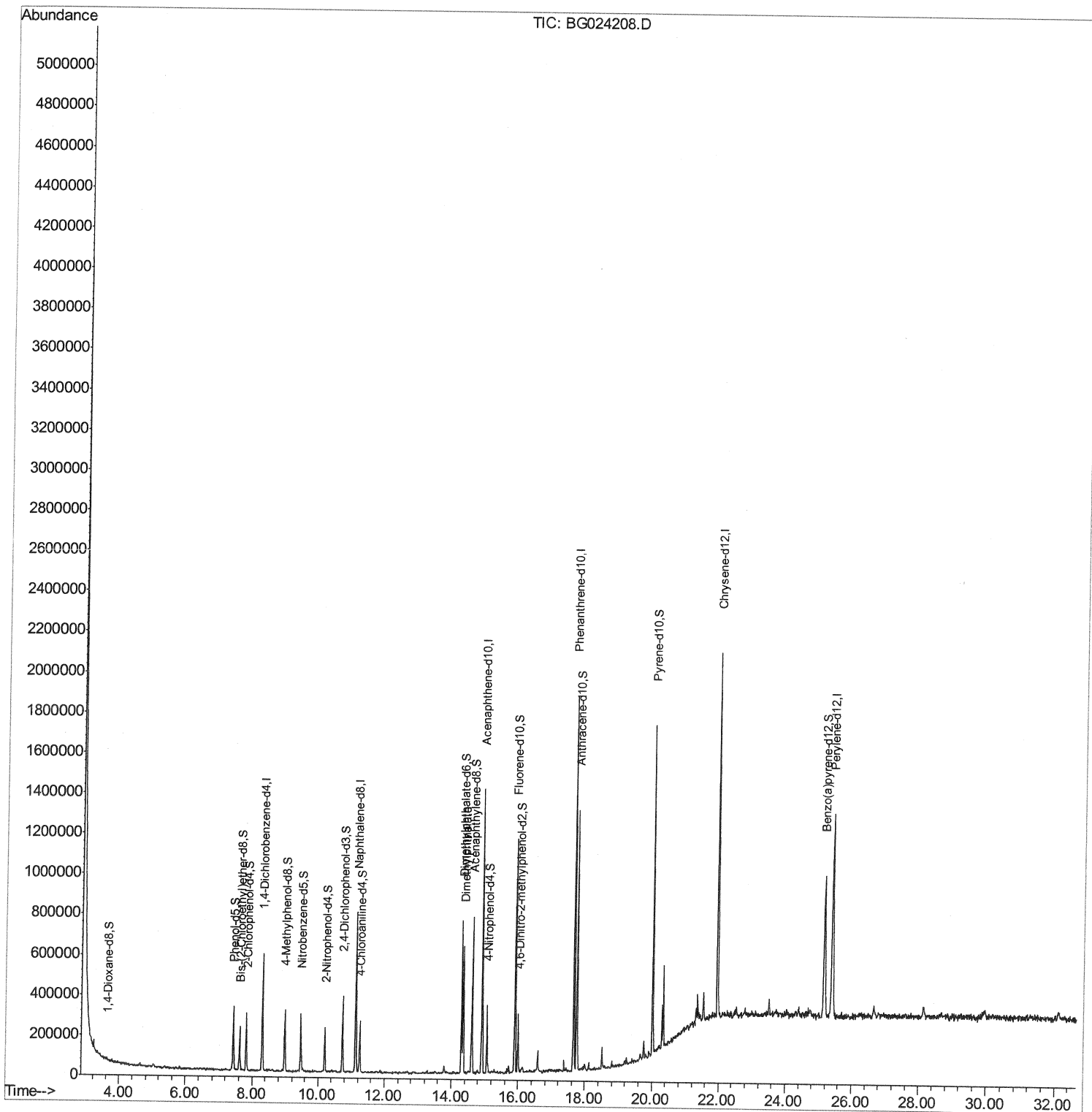
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 01:22:50 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



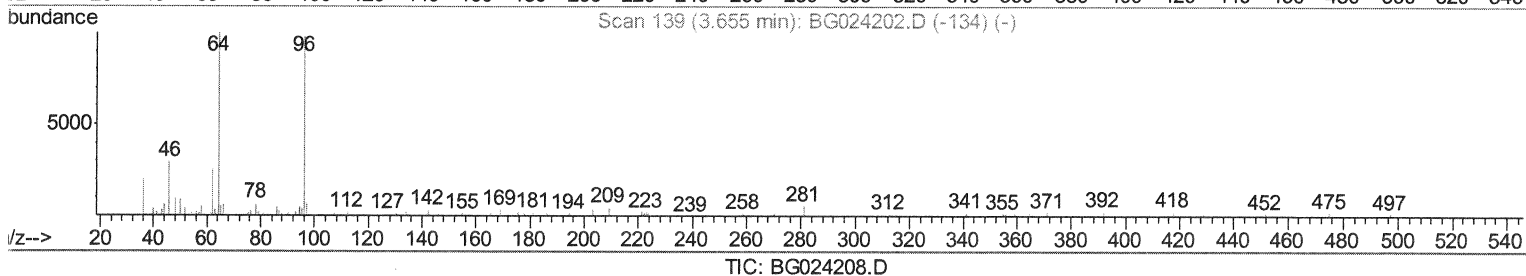
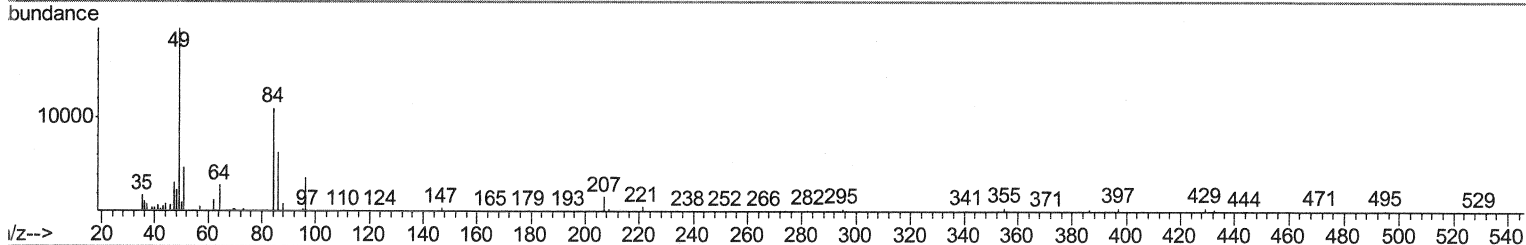
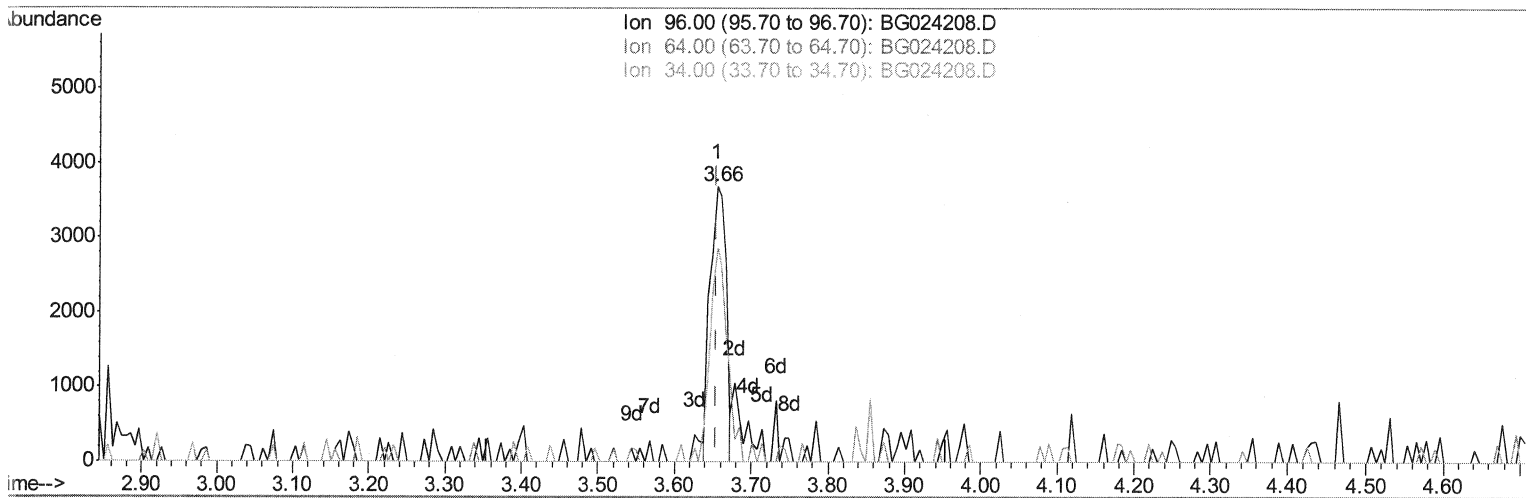
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 00:50:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



TIC: BG024208.D

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

3.655min (-0.000) 1.69ng/uL

response 5468

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	77.87
34.00	0.00	0.00
0.00	0.00	0.00

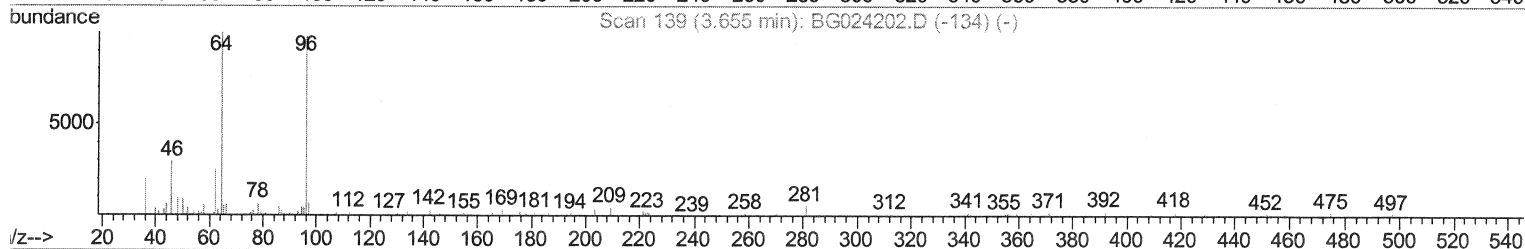
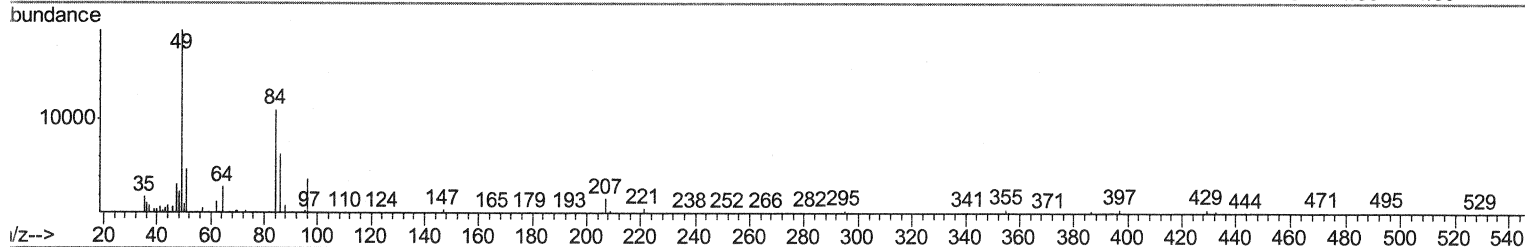
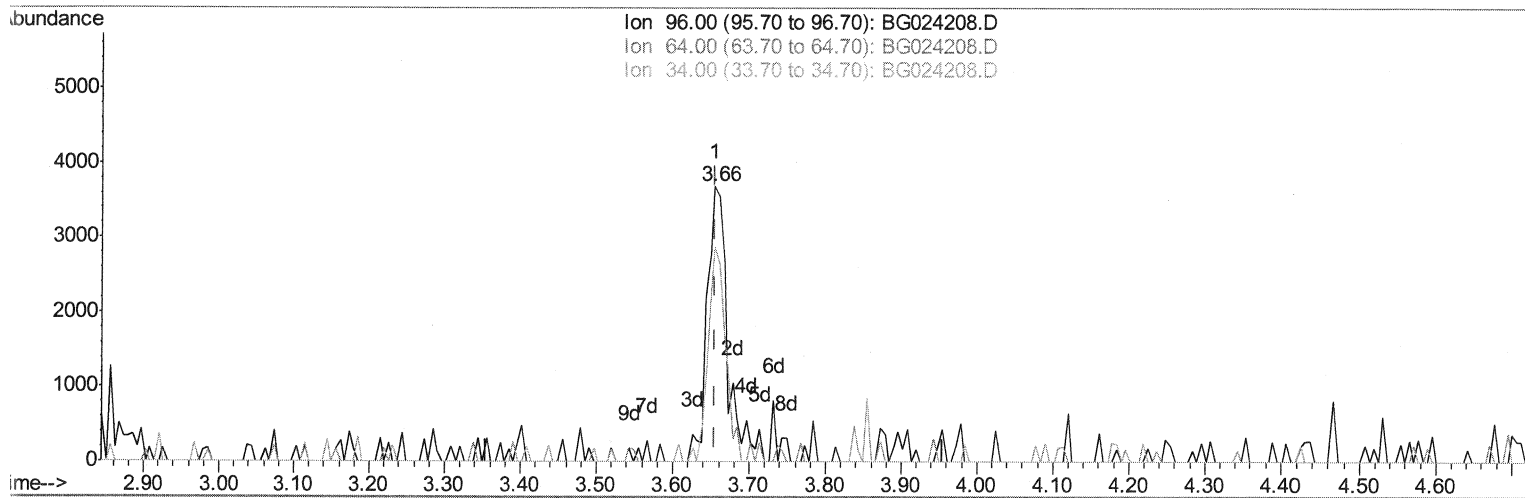
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 00:50:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



TIC: BG024208.D

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

3.655min (-0.000) 2.14ng/uL m

response 6940

Ion	Exp%	Act%
96.00	100	100
64.00	65.00	77.87
34.00	0.00	0.00
0.00	0.00	0.00

UM
10/07/16

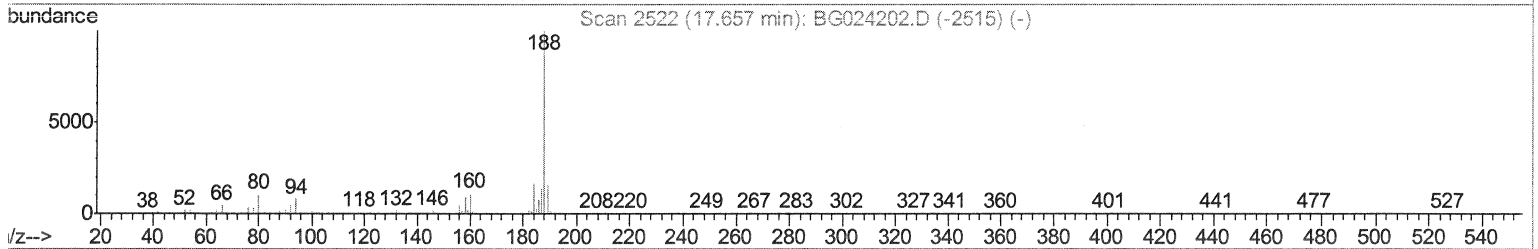
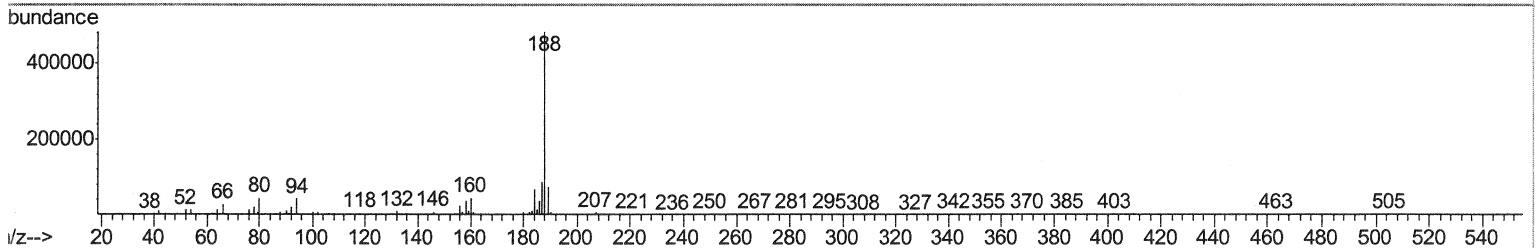
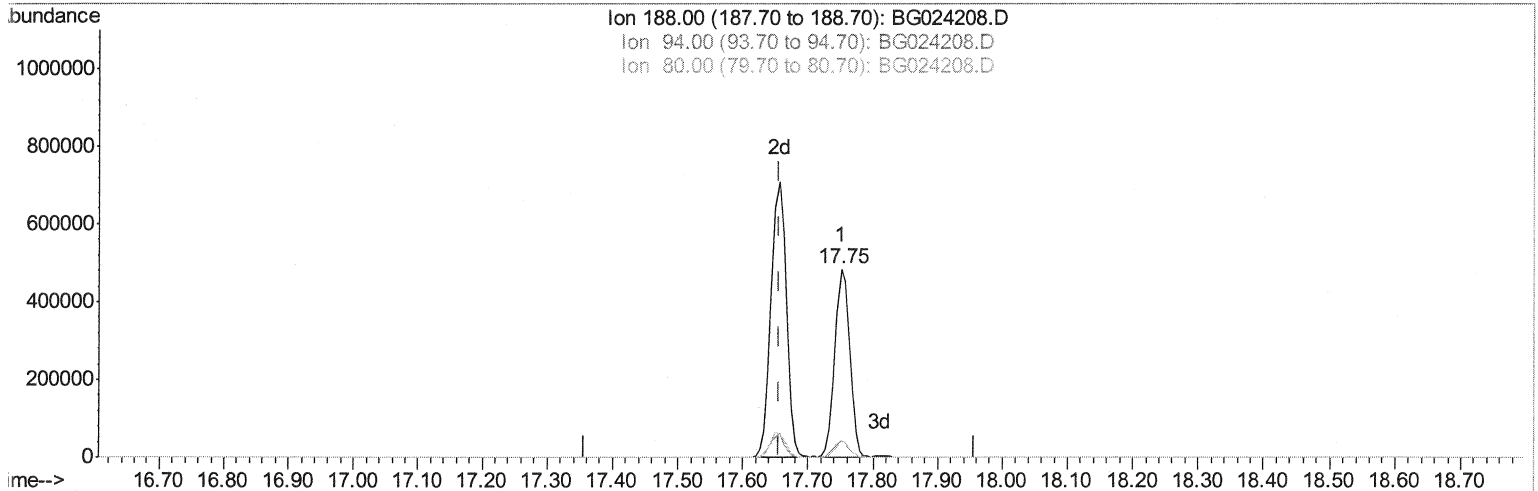
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 00:50:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



TIC: BG024208.D

(61) Phenanthrene-d10 (I)

17.750min (+0.094) 20.00ng/ul

response 752726

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.65
80.00	10.90	9.00
0.00	0.00	0.00

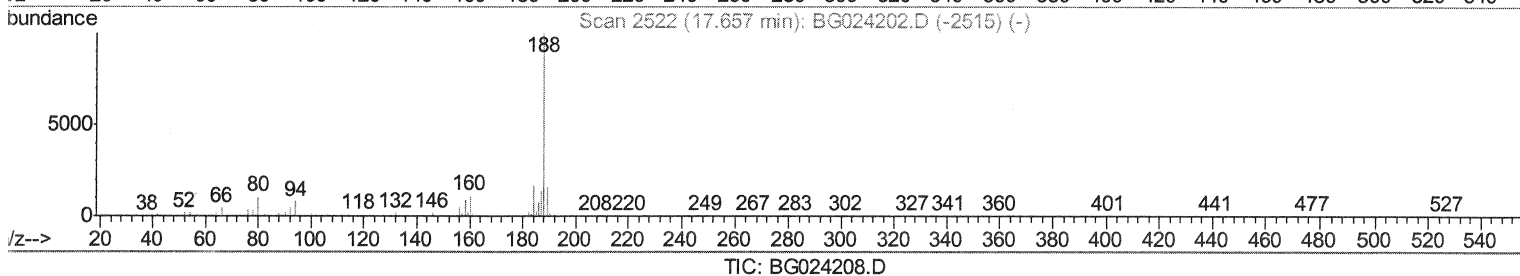
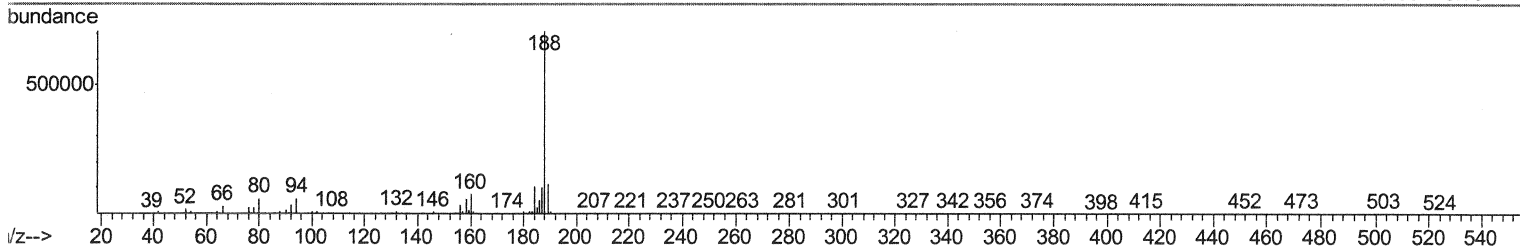
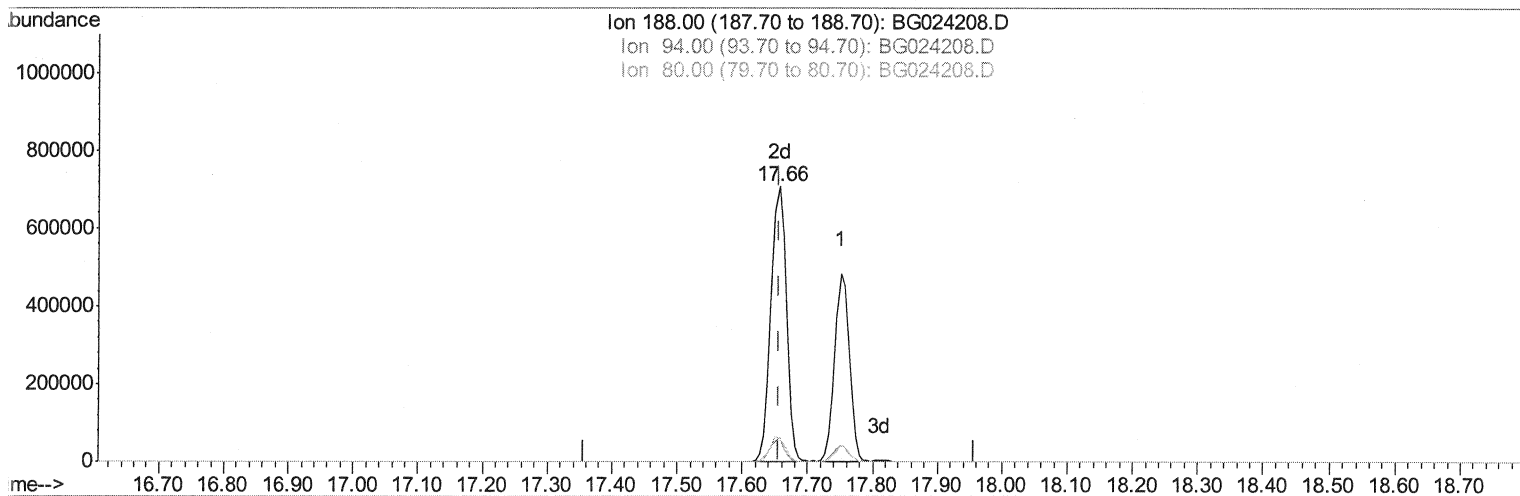
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 00:50:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



TIC: BG024208.D

(61) Phenanthrene-d10 (I)

17.656min (-0.000) 20.00ng/ul m

response 1116014

Ion	Exp%	Act%
188.00	100	100
94.00	10.30	8.53
80.00	10.90	8.54#
0.00	0.00	0.00

um

10107116

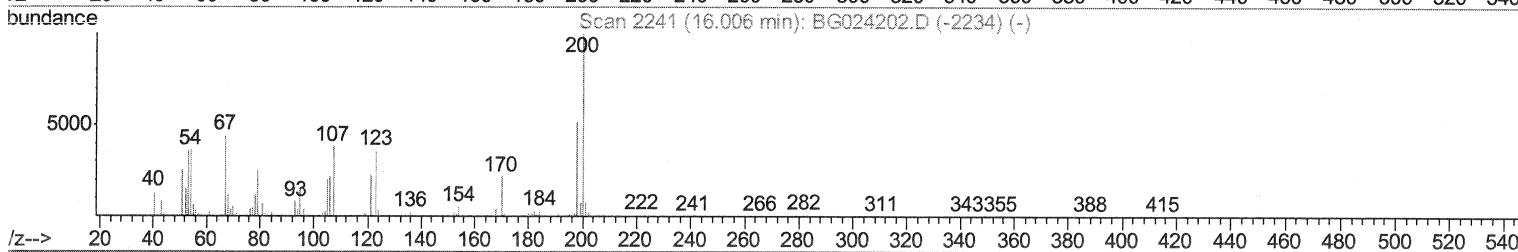
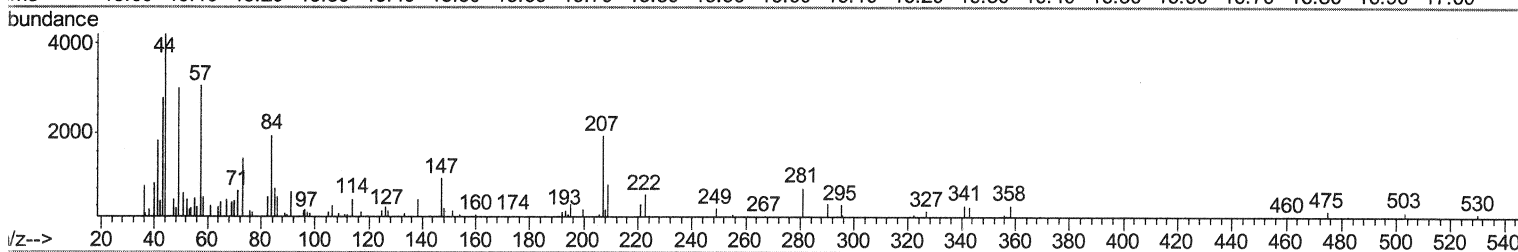
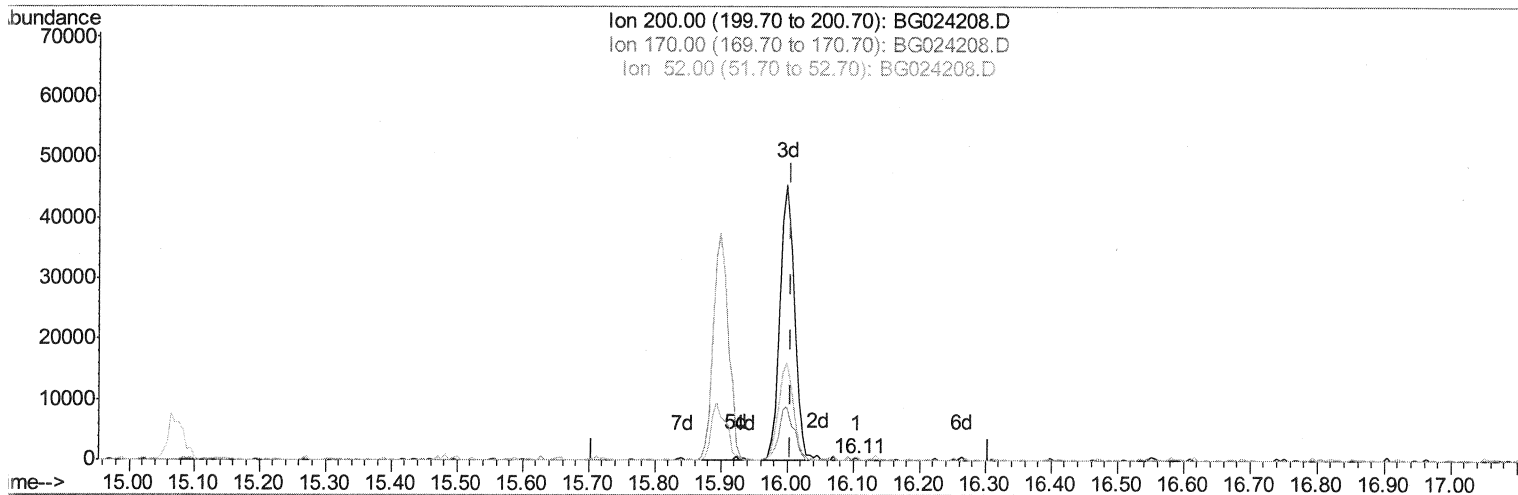
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 01:22:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



TIC: BG024208.D

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

16.105min (+0.099) 0.03ng/ul

response 227

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	0.00#
52.00	32.20	165.95#
0.00	0.00	0.00

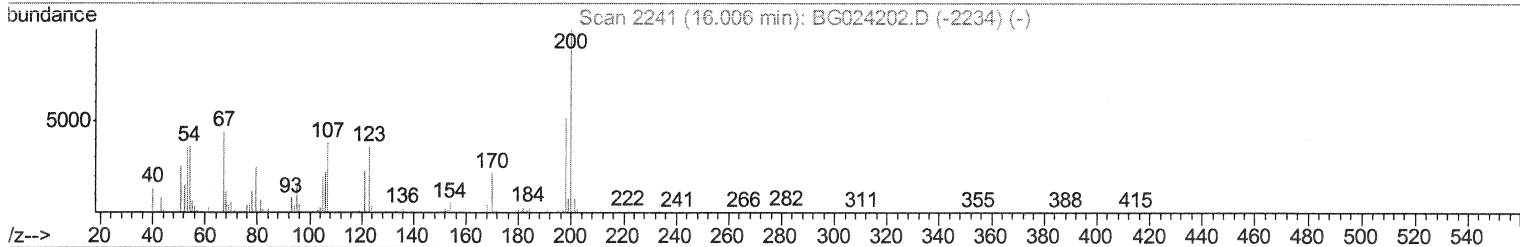
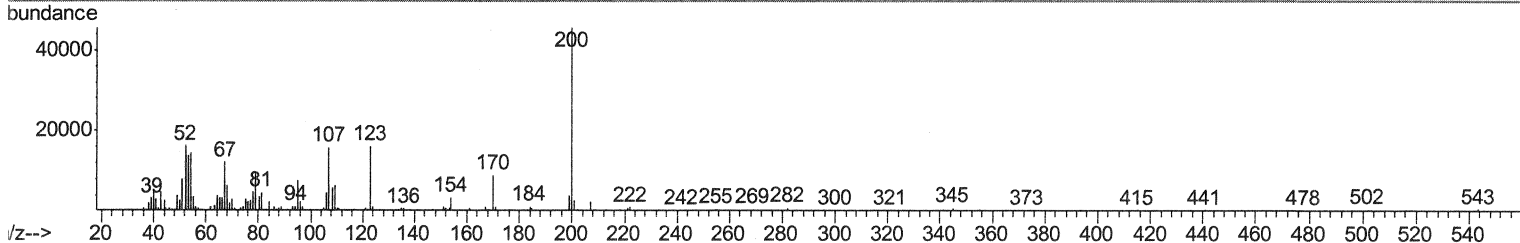
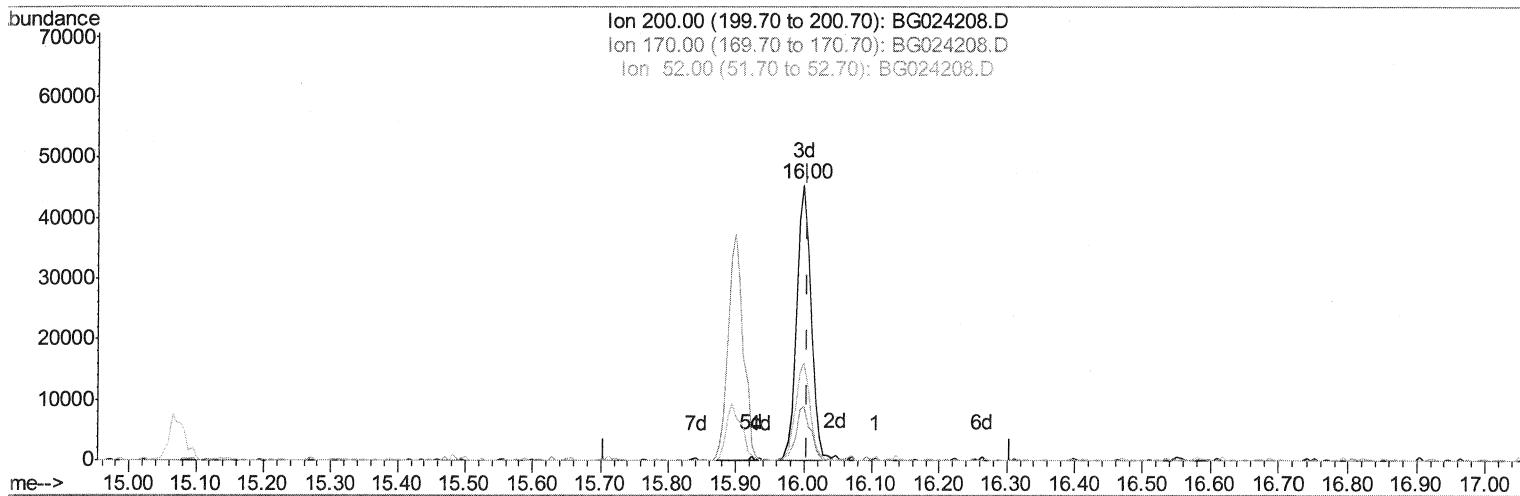
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 01:22:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



TIC: BG024208.D

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

15.999min (-0.006) 10.03ng/ul m

response 67245

Ion	Exp%	Act%
200.00	100	100
170.00	15.20	19.57#
52.00	32.20	35.67
0.00	0.00	0.00

UM
10/07/16

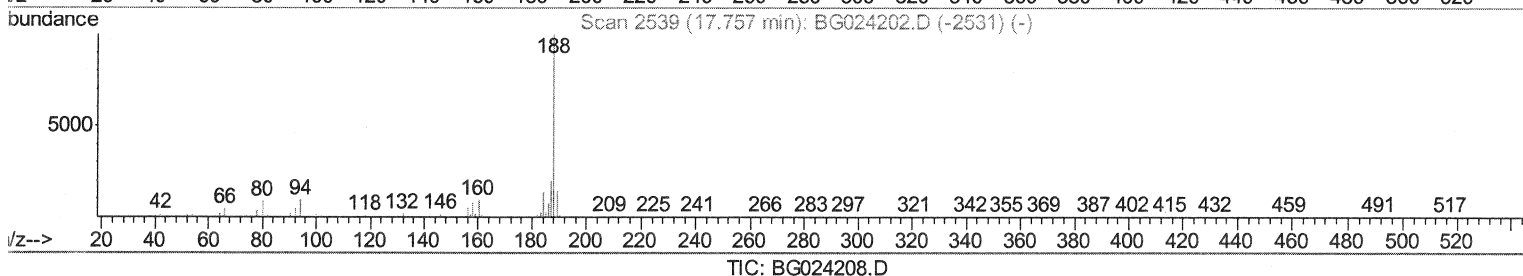
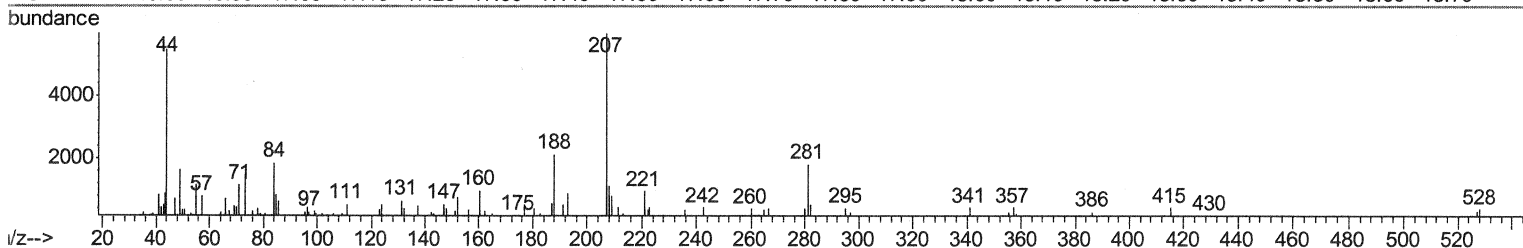
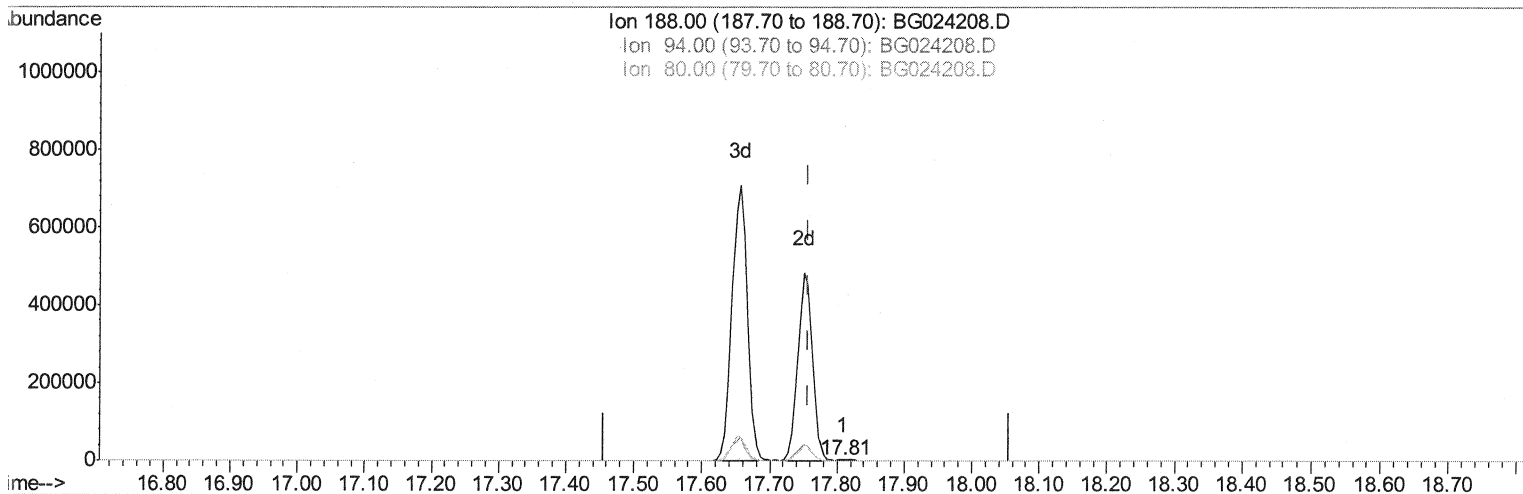
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 01:22:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.809min (+0.052) 0.03ng/ul

response 1452

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	0.00#
80.00	11.90	11.84
0.00	0.00	0.00

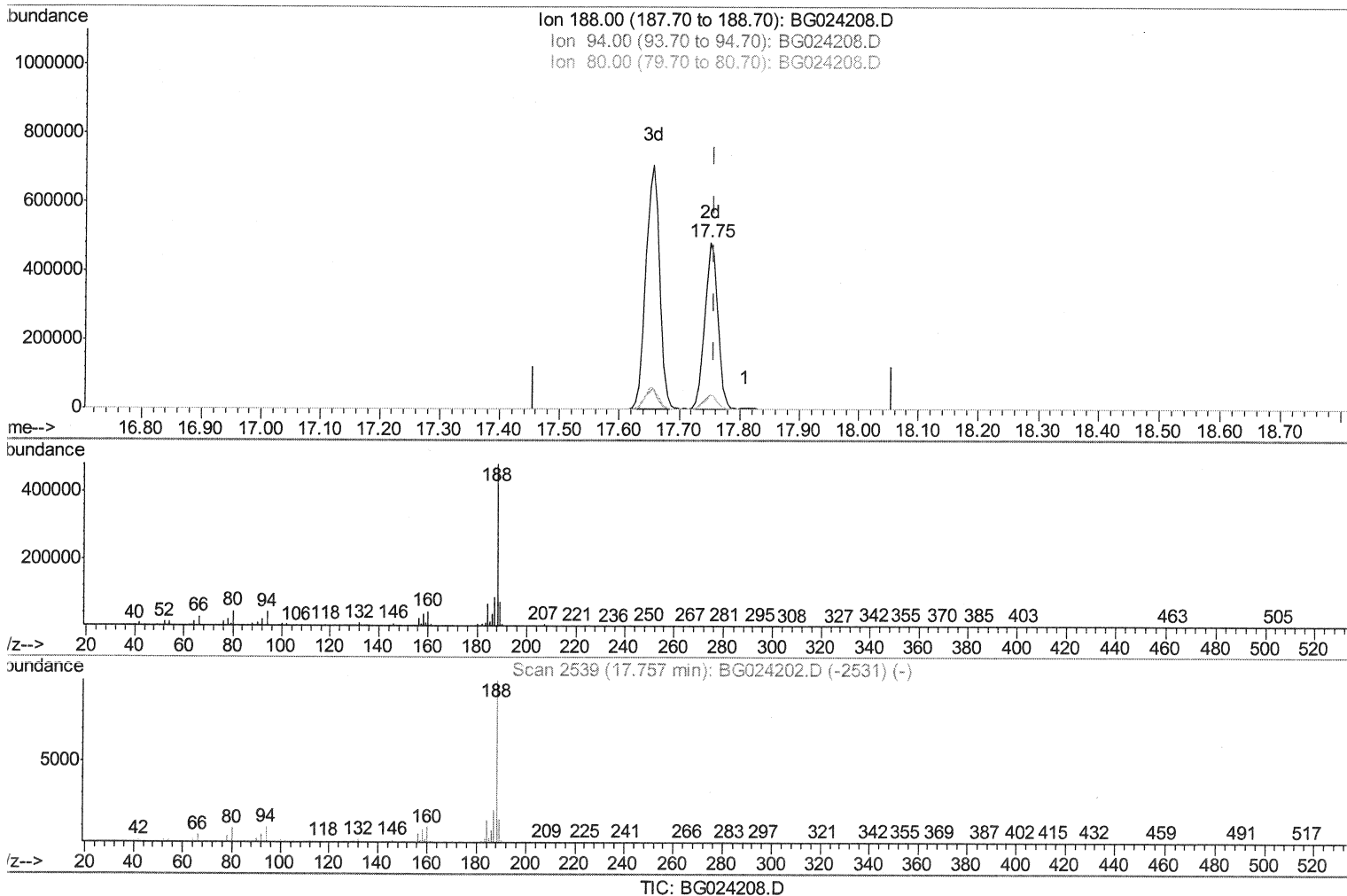
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024208.D
Acq On : 6 Oct 2016 20:54
Operator : UM/SJ
Sample : H5082-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDPH4

Manual Integrations
APPROVED

sohil
10/7/2016 6:59:17 PM

Quant Time: Oct 07 01:22:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration



(70) Anthracene-d10 (S)

17.750min (-0.006) 15.02ng/ul m

response 757413

Ion	Exp%	Act%
188.00	100	100
94.00	12.80	8.65#
80.00	11.90	9.00#
0.00	0.00	0.00

UM
10/07/16

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
 Data File : BG024208.D
 Acq On : 6 Oct 2016 20:54
 Operator : UM/SJ
 Sample : H5082-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDPH4

Manual Integrations
 APPROVED

sohil
 10/7/2016 6:59:17 PM

Quant Time: Oct 07 01:22:50 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 07 00:50:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	153839	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	641485	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	513848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1116014m	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1164249	20.00	ng/ul	0.00
83) Perylene-d12	25.41	264	1181141	20.00	ng/ul	0.00

UM 10/07/16

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	6940m	2.14	ng/uL	0.00
5) Phenol-d5	7.43	99	162953	11.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.62	67	117350	12.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.83	132	115818	11.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	109026	9.40	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	57246	12.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.21	143	63006	12.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	123332	11.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	118403	10.16	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	477901	13.32	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	551644	13.42	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	67911	10.67	ng/ul	0.00
57) Fluorene-d10	15.90	176	485741	14.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	67245m	10.03	ng/ul	0.00
70) Anthracene-d10	17.75	188	757413m	15.02	ng/ul	0.00
76) Pyrene-d10	20.02	212	902168	16.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	822917	15.49	ng/ul	-0.01

UM
 10/07/16

UM
 10/07/16

Target Compounds					Qvalue
44) Dimethylphthalate	14.35	163	377693	10.74 ng/ul#	97

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