

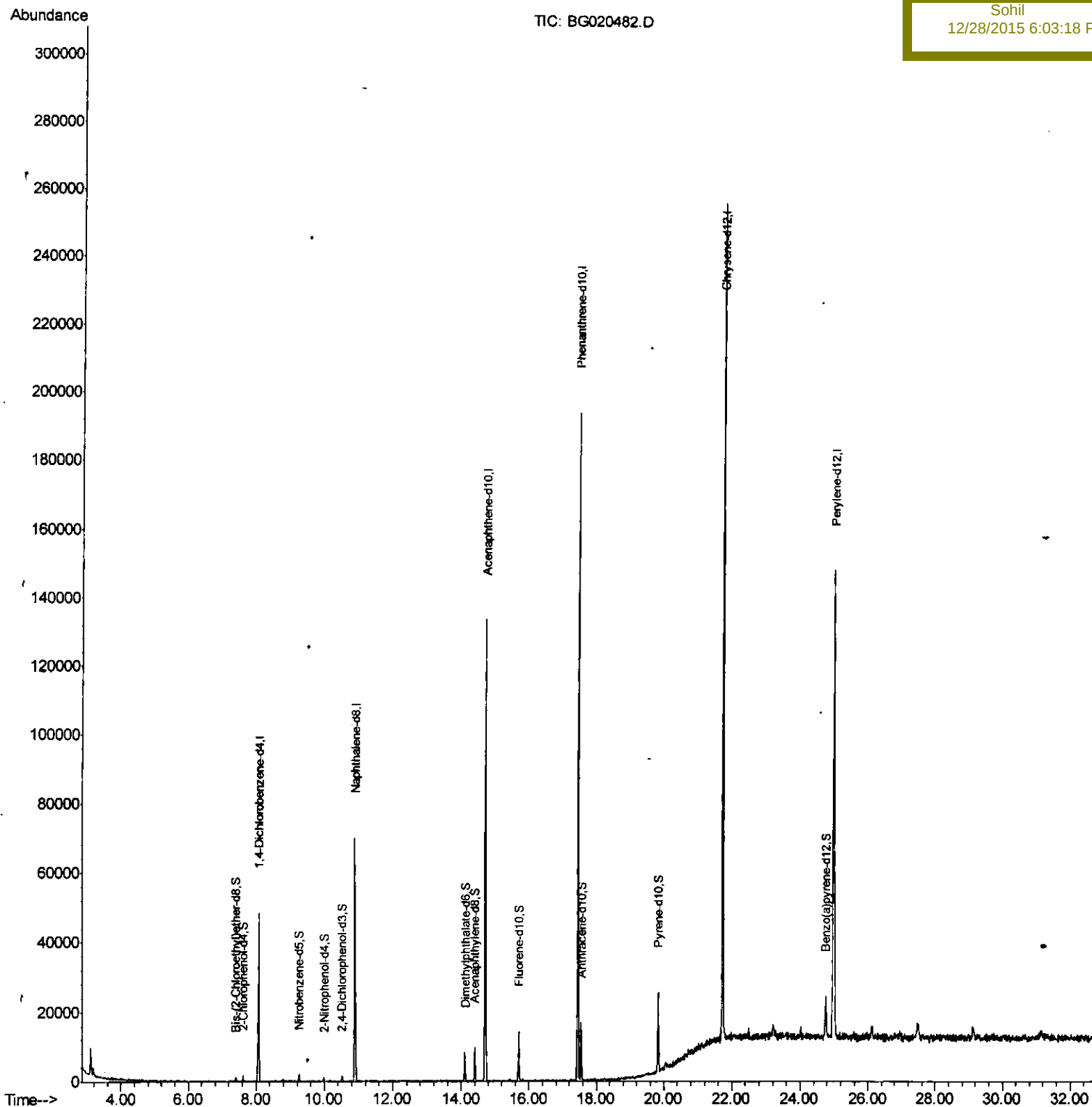
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
Data File : BG020482.D
Acq On : 24 Dec 2015 21:07
Operator : UM/SJ
Sample : G4803-22DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:42:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 02:19:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C04F5DL

Manual Integrations
APPROVED

Sohil
12/28/2015 6:03:18 PM



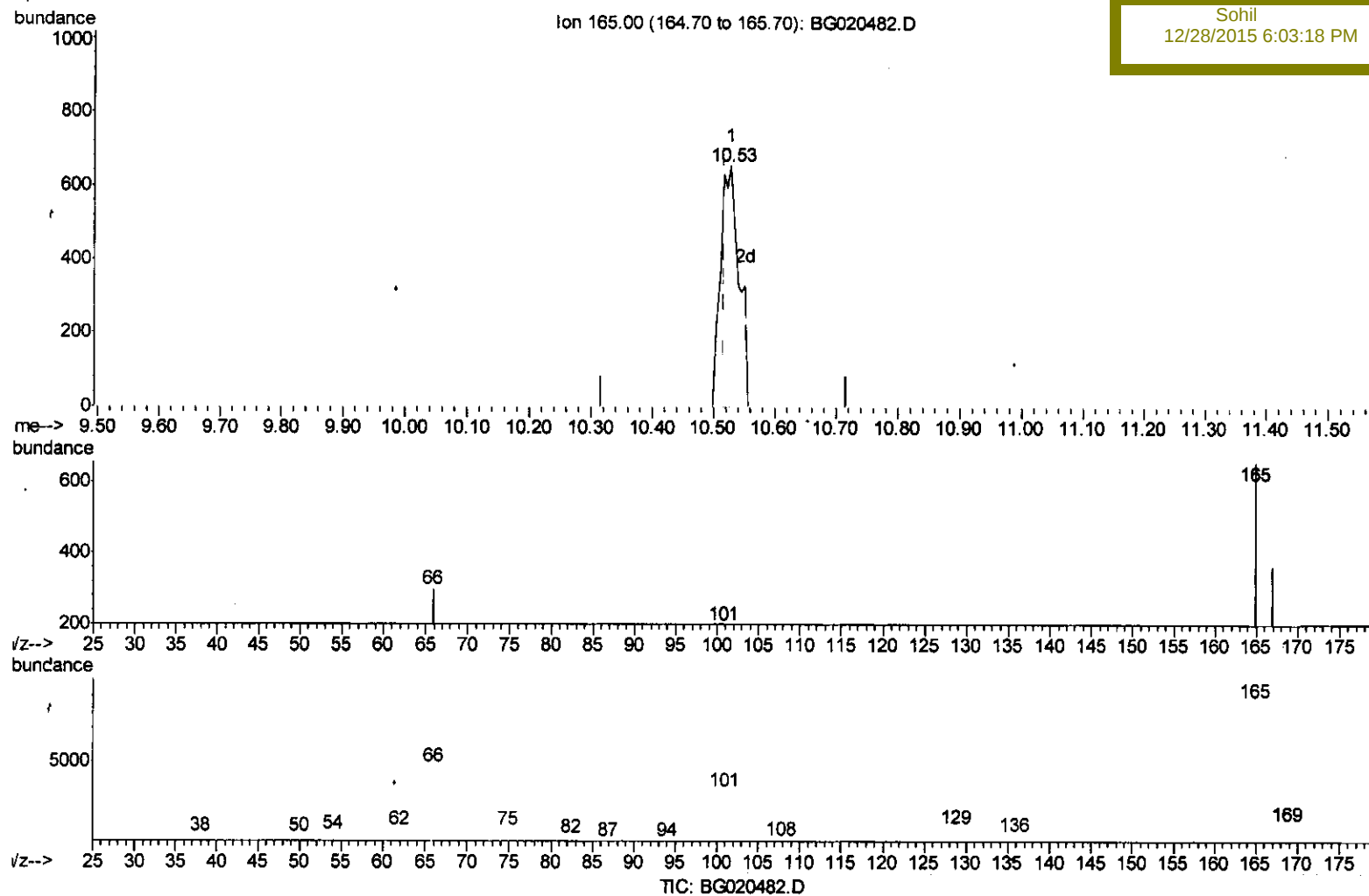
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
 Data File : BG020482.D
 Acq On : 24 Dec 2015 21:07
 Operator : UM/SJ
 Sample : G4803-22DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 02:19:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C04F5DL

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:18 PM



(26) 2,4-Dichlorophenol-d3 (S)

10.528min (+0.011) 1.25ng/ul m

response 1375

Ion	Exp%	Act%
165.00	100	100
167.00	66.30	55.18
101.00	34.70	30.49
0.00	0.00	0.00

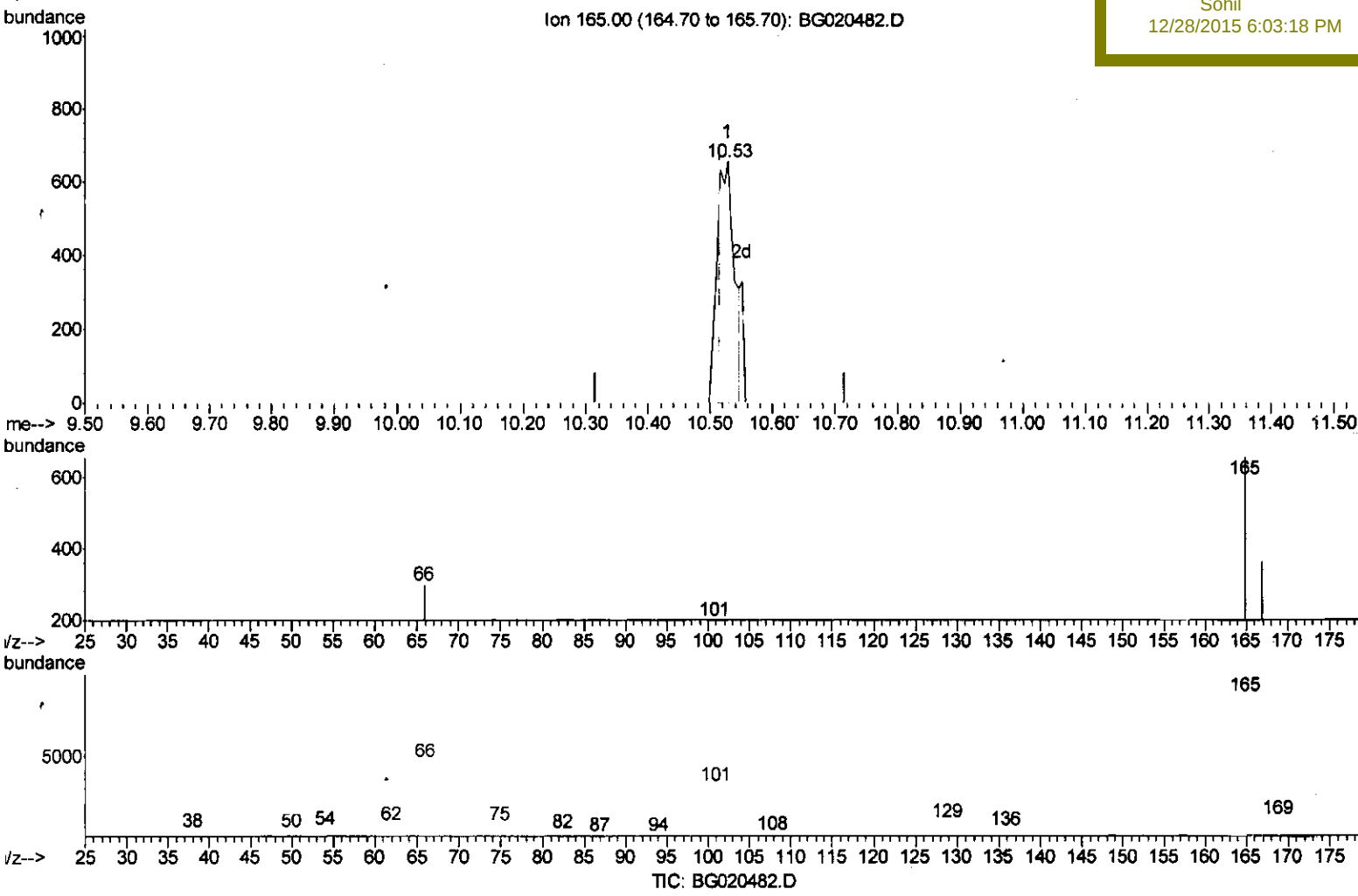
U. m
 11/25/15

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
 Data File : BG020482.D
 Acq On : 24 Dec 2015 21:07
 Operator : UM/SJ
 Sample : G4803-22DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 02:19:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C04F5DL

Manual Integrations
 APPROVED
 Sohil
 12/28/2015 6:03:18 PM



(26) 2,4-Dichlorophenol-d3 (S)

10.528min (+0.011) 1.14ng/ul

response 1259

Ion	Exp%	Act%
165.00	100	100
167.00	66.30	55.18
101.00	34.70	30.49
0.00	0.00	0.00

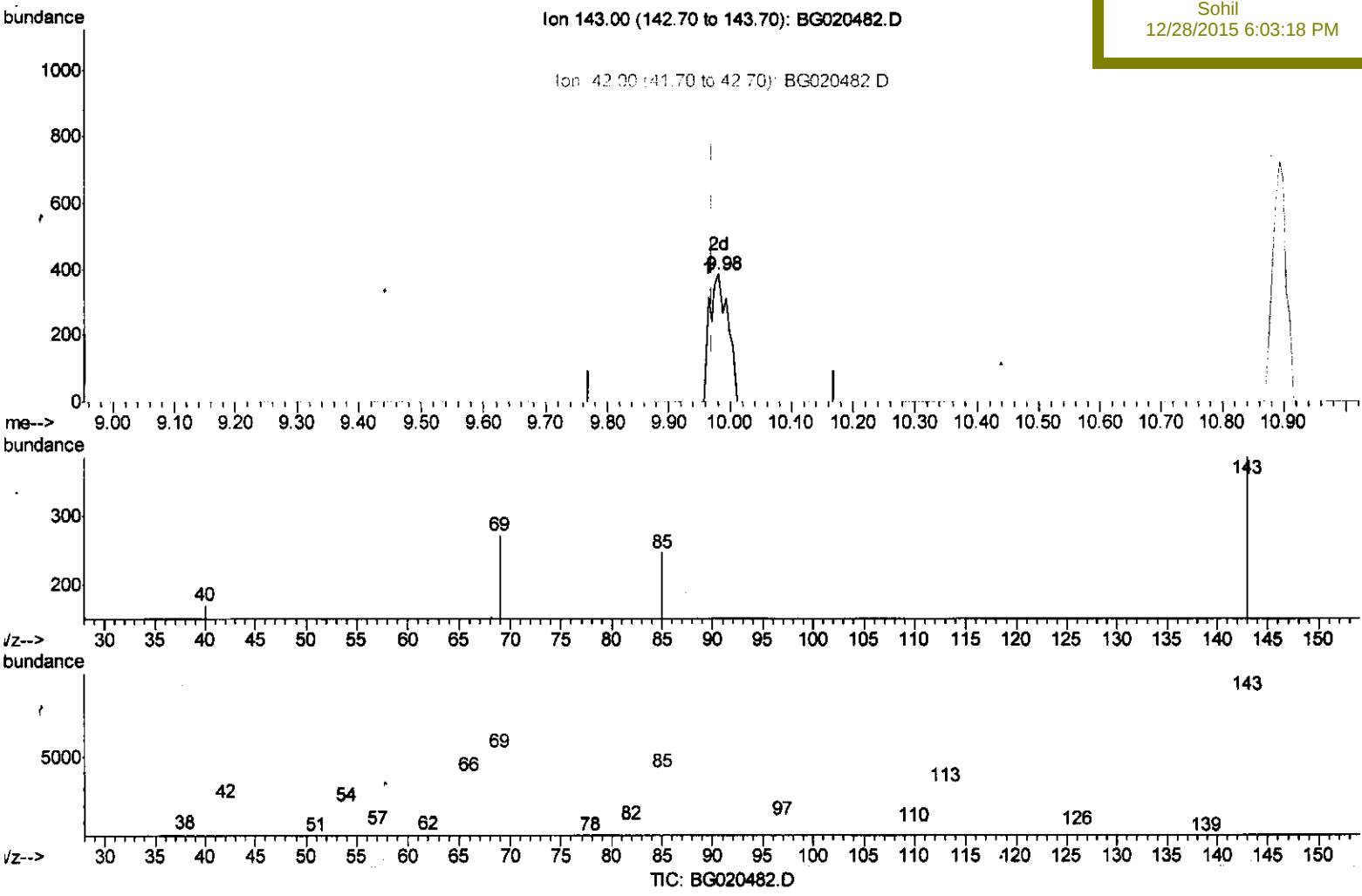
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
 Data File : BG020482.D
 Acq On : 24 Dec 2015 21:07
 Operator : UM/SJ
 Sample : G4803-22DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 02:19:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C04F5DL

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:18 PM



(22) 2-Nitrophenol-d4 (S)

9.981min (+0.011) 1.38ng/ul m

response 789

Ion	Exp%	Act%
143.00	100	100
69.00	58.10	70.65#
41.00	21.10	39.22#
42.00	22.60	0.00#

U.M
 11/25/15

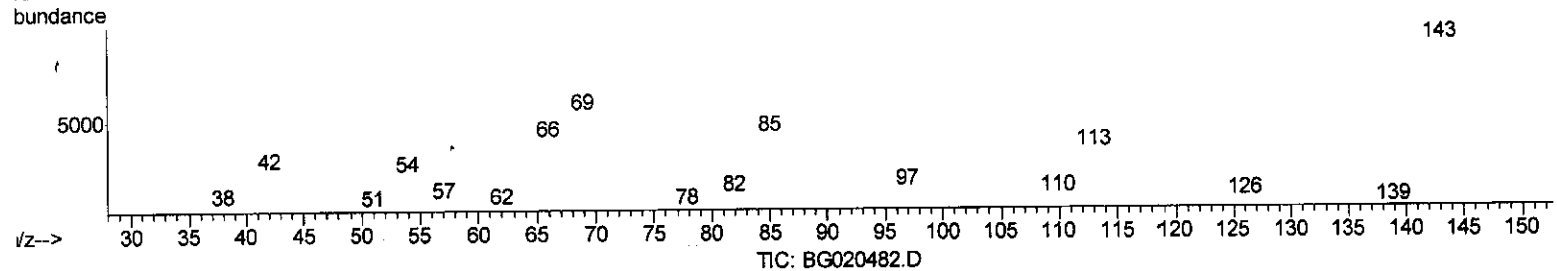
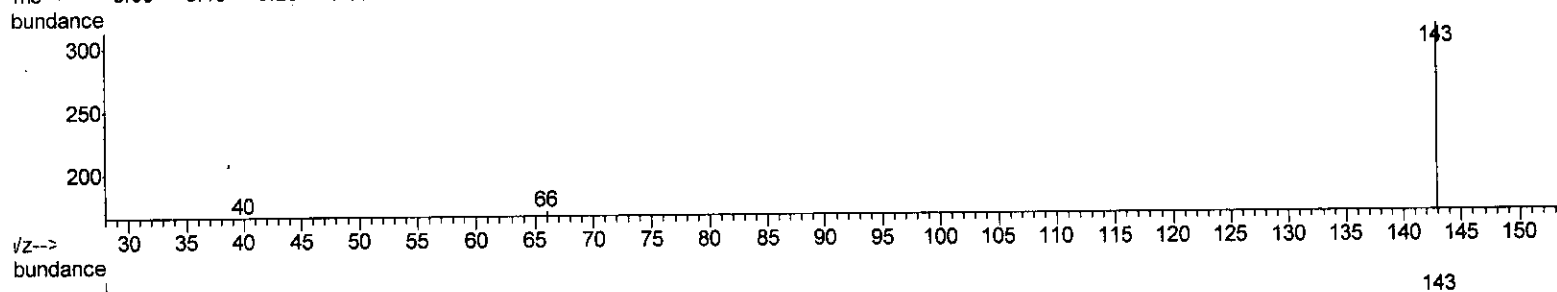
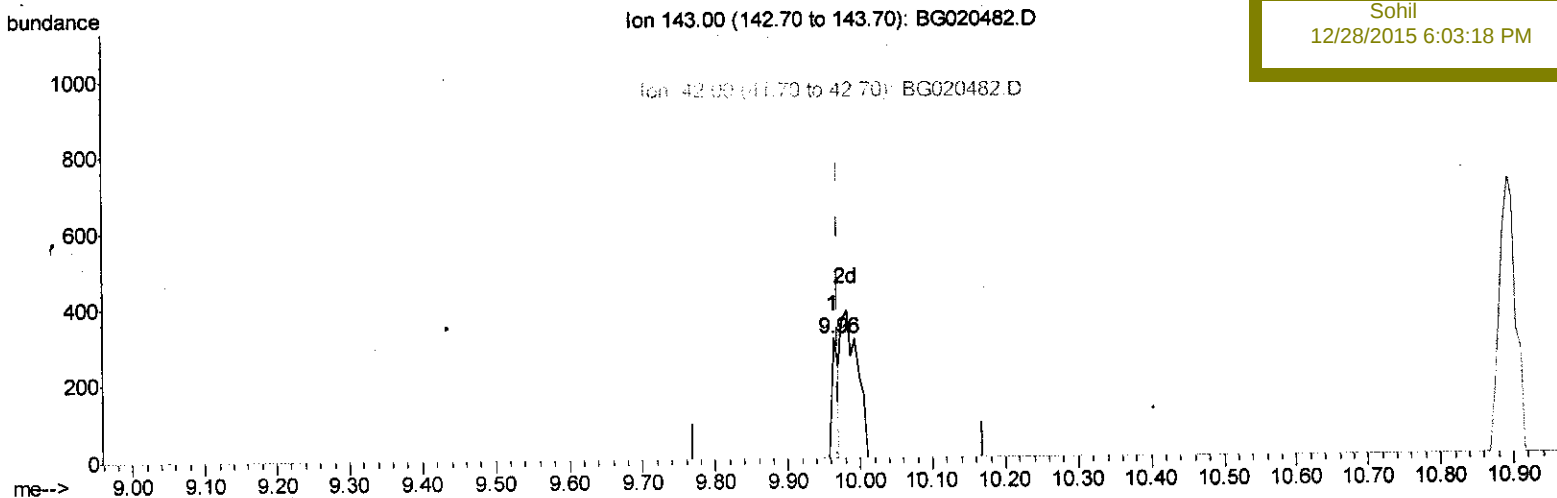
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
 Data File : BG020482.D
 Acq On : 24 Dec 2015 21:07
 Operator : UM/SJ
 Sample : G4803-22DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 02:19:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C04F5DL

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:18 PM



(22) 2-Nitrophenol-d4 (S)

9.964min (-0.006) 0.34ng/ul

response 194

Ion	Exp%	Act%
143.00	100	100
69.00	58.10	0.00#
41.00	21.10	0.00#
42.00	22.60	0.00#

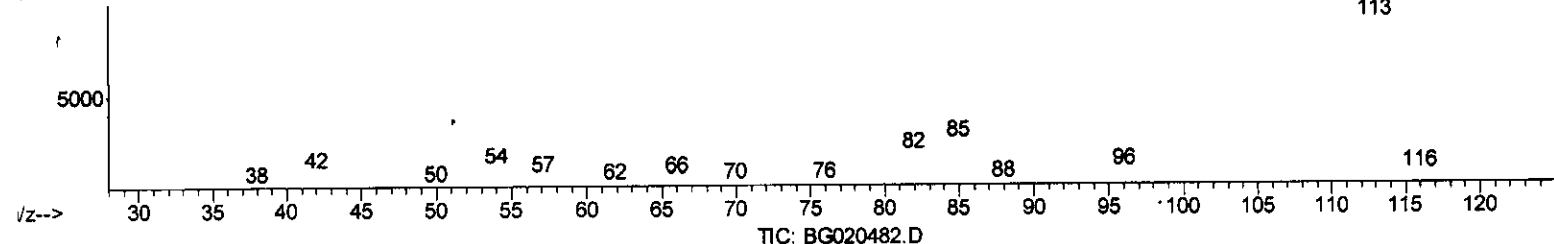
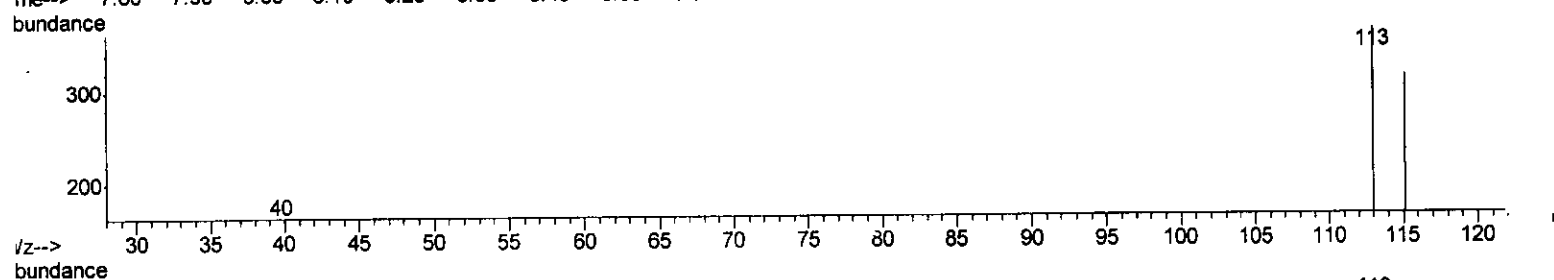
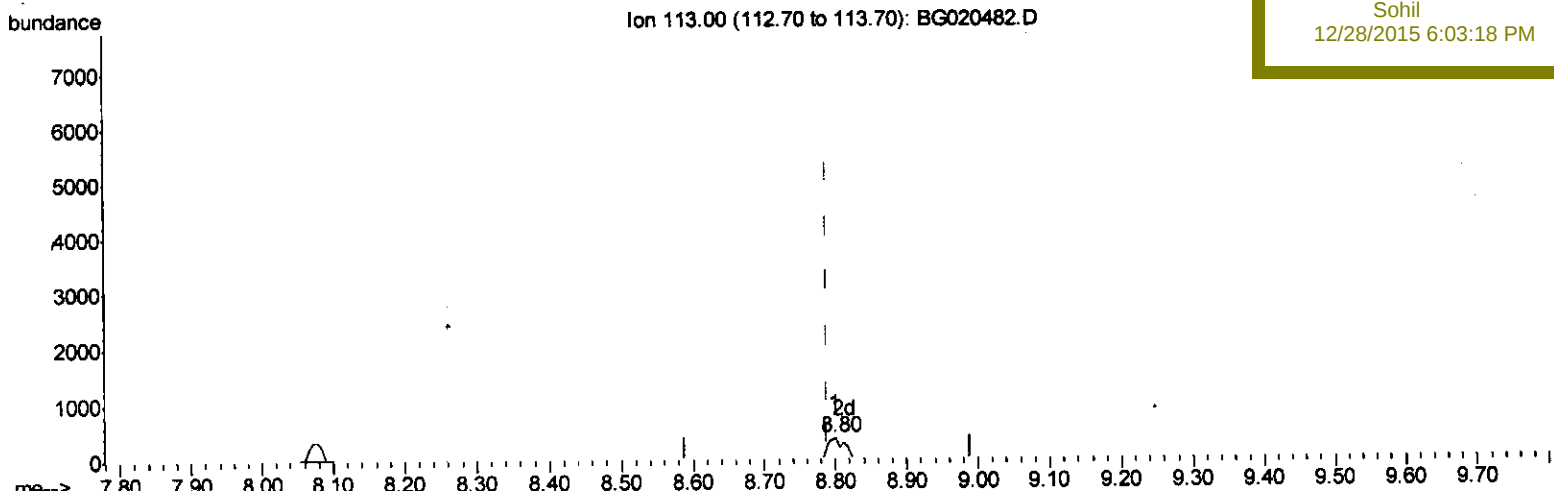
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
 Data File : BG020482.D
 Acq On : 24 Dec 2015 21:07
 Operator : UM/SJ
 Sample : G4803-22DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 02:19:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C04F5DL

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:18 PM



(13) 4-Methylphenol-d8 (S)

8.800min (+0.011) 0.55ng/ul m

response 548

Ion	Exp%	Act%
113.00	100	100
115.00	89.10	85.71
54.00	13.00	0.00#
0.00	0.00	0.00

U.M
 11/25/15

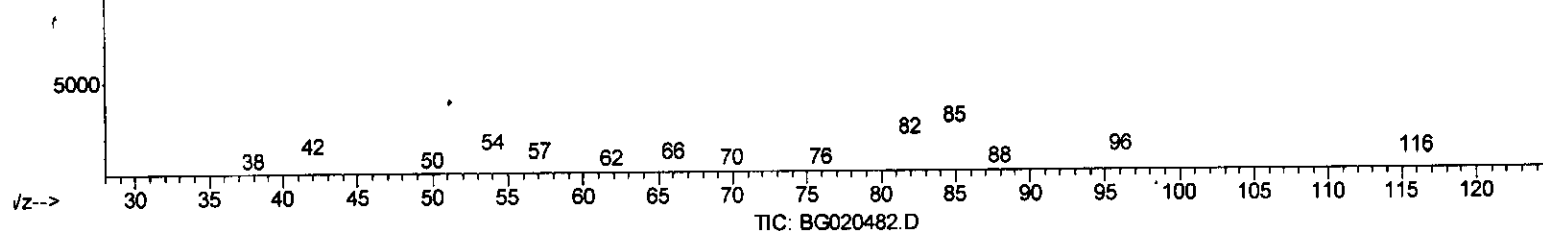
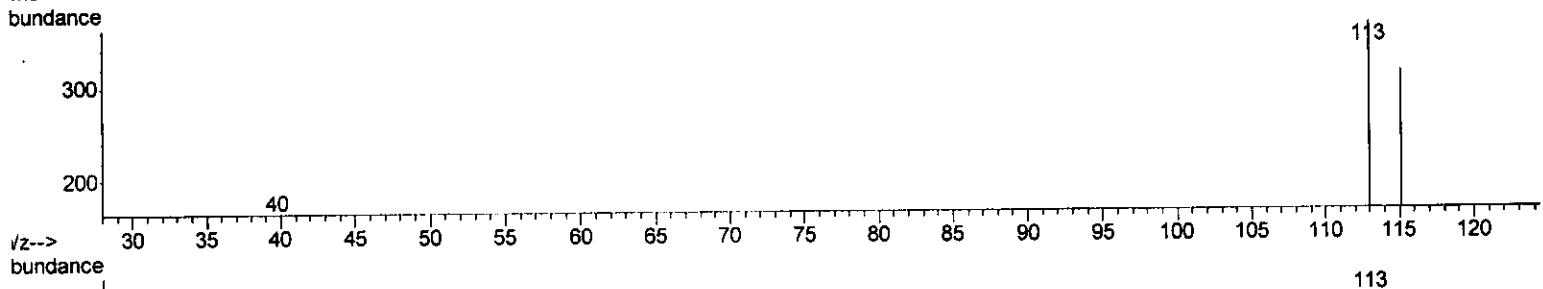
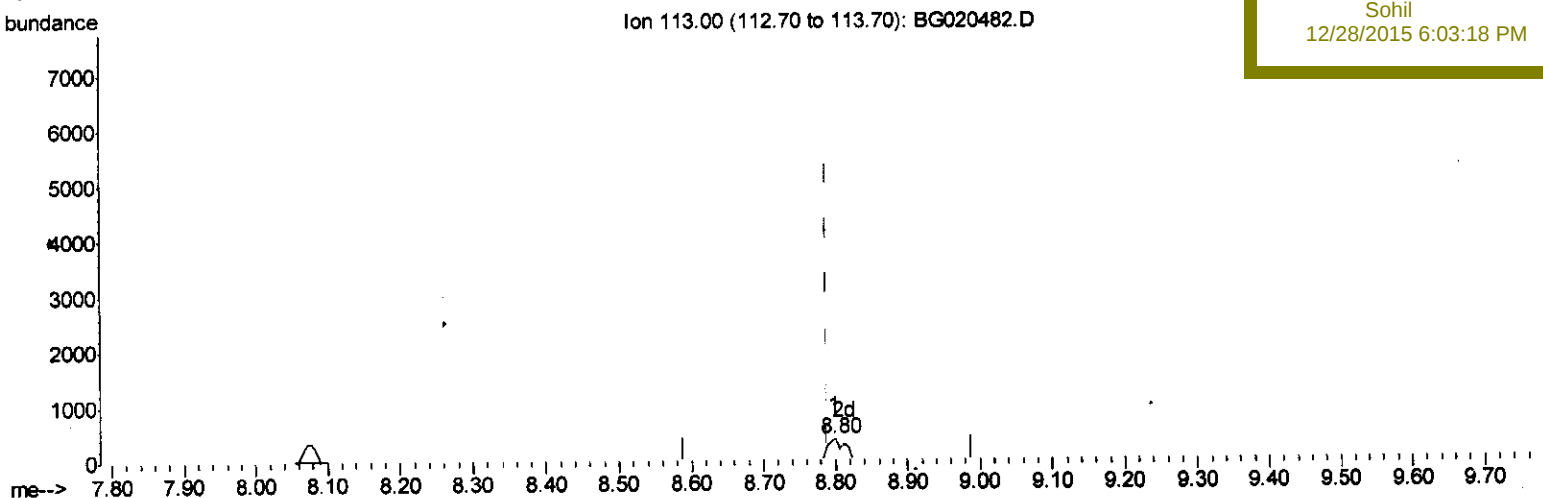
Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
 Data File : BG020482.D
 Acq On : 24 Dec 2015 21:07
 Operator : UM/SJ
 Sample : G4803-22DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:23:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 25 02:19:33 2015
 Response via : Initial Calibration

Instrument :
 BNA_G
 ClientSampleId :
 C04F5DL

Manual Integrations
 APPROVED

Sohil
 12/28/2015 6:03:18 PM



(13) 4-Methylphenol-d8 (S)

8.800min (+0.011) 0.38ng/ul

response 382

Ion	Exp%	Act%
113.00	100	100
115.00	89.10	85.71
54.00	13.00	0.00#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_G\Data\BG122415\
Data File : BG020482.D
Acq On : 24 Dec 2015 21:07
Operator : UM/SJ
Sample : G4803-22DL 20X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 25 02:42:45 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 25 02:19:33 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
C04F5DL

Manual Integrations
APPROVED

Sohil
12/28/2015 6:03:18 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	14737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	63998	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	47919	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	126303	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	161754	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	154692	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.25	99	63	0.05	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.40	67	840	1.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	1114	1.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	548m	0.55	ng/ul	0.01
19) Nitrobenzene-d5	9.25	128	658	1.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	789m	1.38	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.53	165	1375m	1.25	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.11	166	7837	1.98	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	8459	1.85	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	7101	1.99	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	448	0.54	ng/ul	0.00
71) Anthracene-d10	17.55	188	12130	2.05	ng/ul	0.00
79) Pyrene-d10	19.84	212	15165	2.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	15345	1.96	ng/ul	0.00

Target Compounds Qvalue

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

U. M
11/25/15