

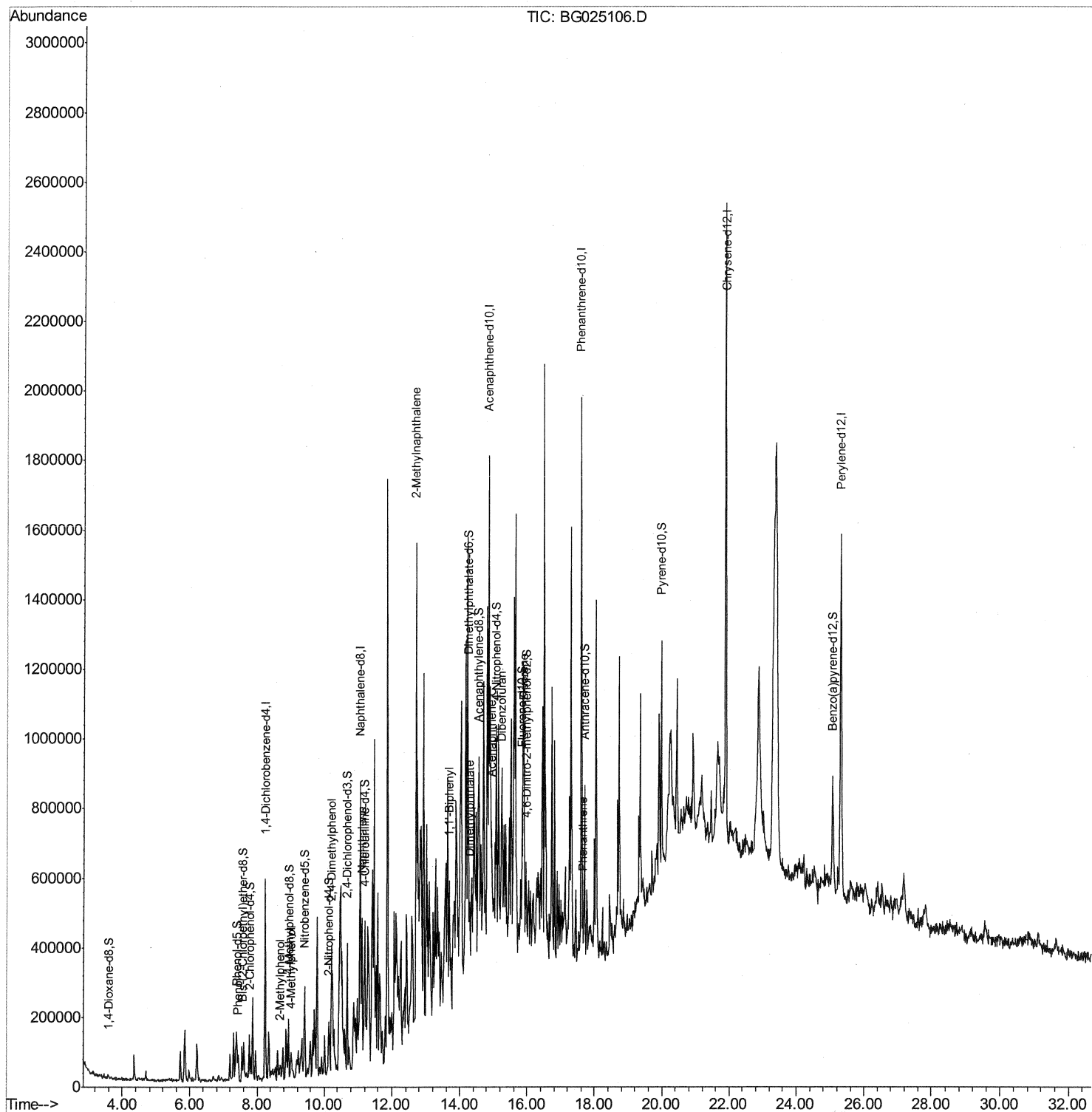
Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
Data File : BG025106.D
Acq On : 11 Dec 2016 16:51
Operator : UM/SJ
Sample : H5863-14DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Z1DL

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:21 PM

Quant Time: Dec 12 09:49:03 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration



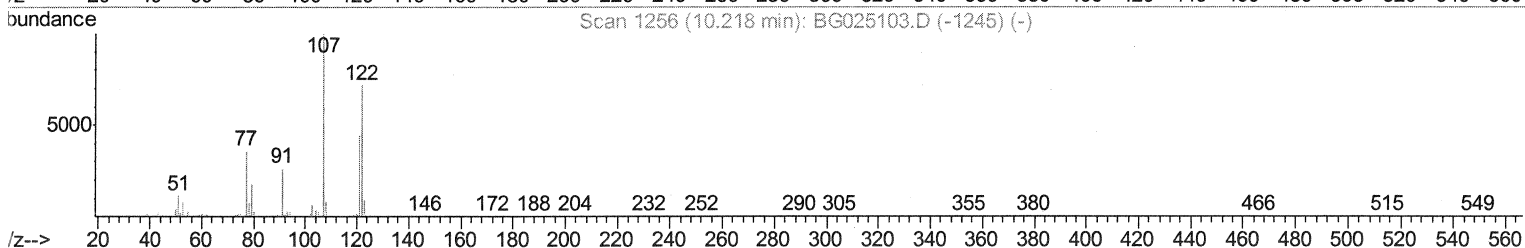
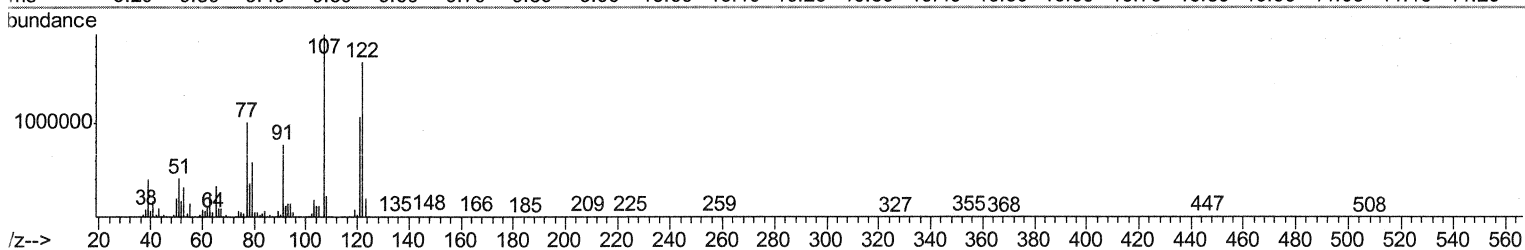
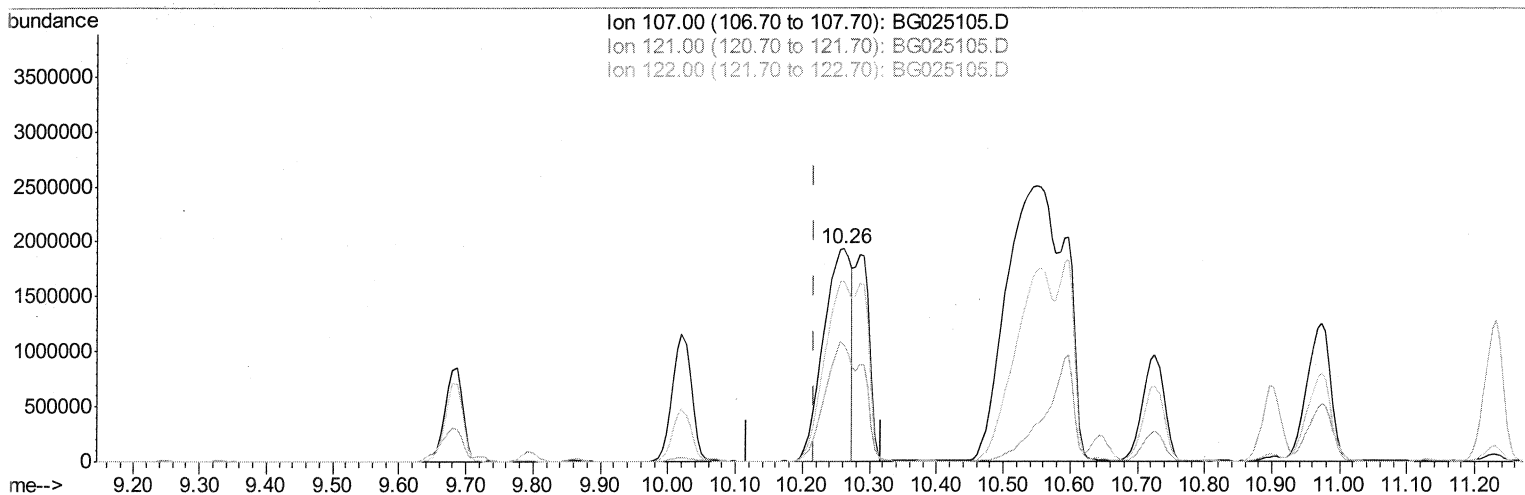
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025105.D
Acq On : 11 Dec 2016 16:11
Operator : UM/SJ
Sample : H5905-01 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Z1DL

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:18:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration



TIC: BG025105.D

(24) 2,4-Dimethylphenol

10.262min (+0.044) 639.28ng/ul

response 5627861

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	55.01#
122.00	76.50	84.64
0.00	0.00	0.00

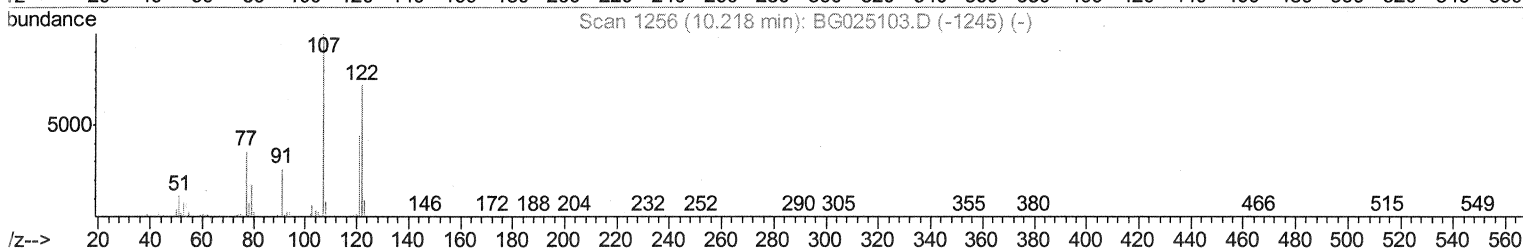
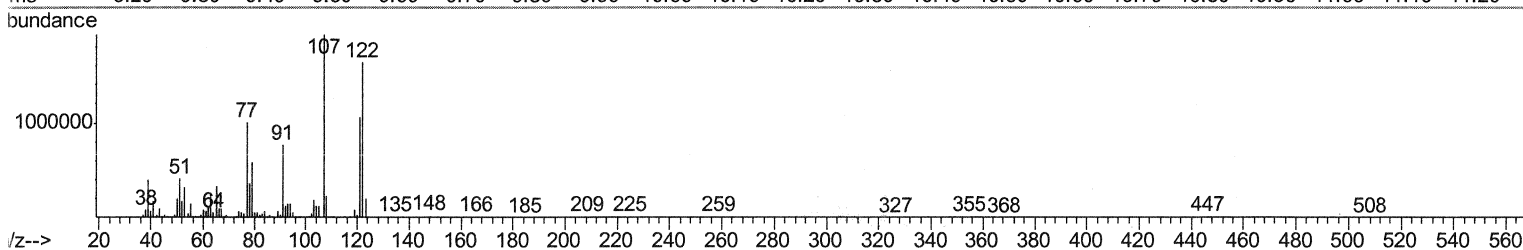
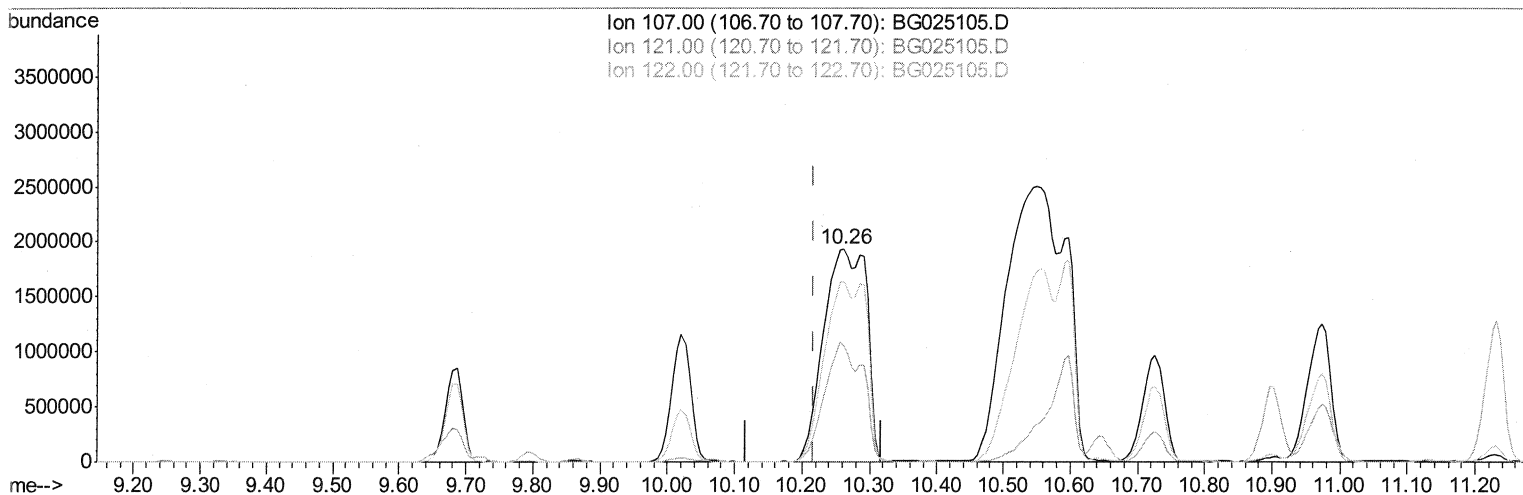
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025105.D
 Acq On : 11 Dec 2016 16:11
 Operator : UM/SJ
 Sample : H5905-01 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration



(24) 2,4-Dimethylphenol

10.262min (+0.044) 972.57ng/ul m

SJ 12/10/16

response 8561913

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	55.01#
122.00	76.50	84.64
0.00	0.00	0.00

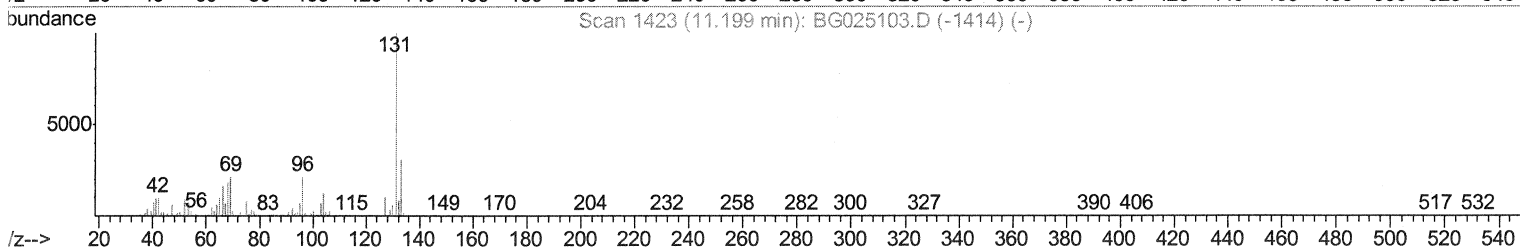
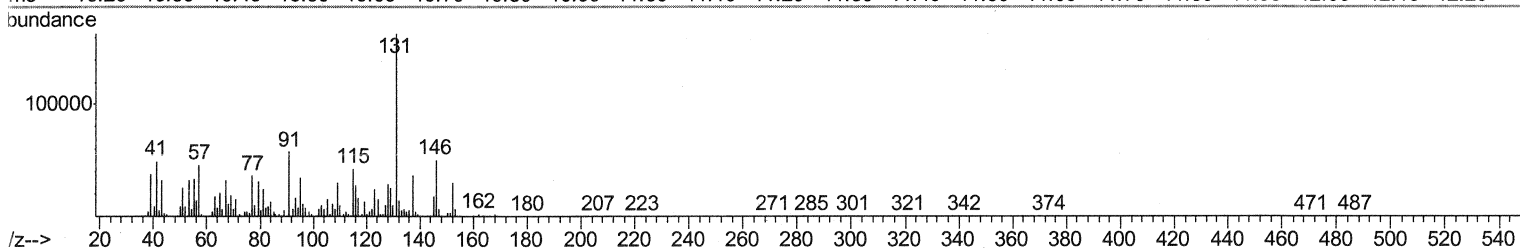
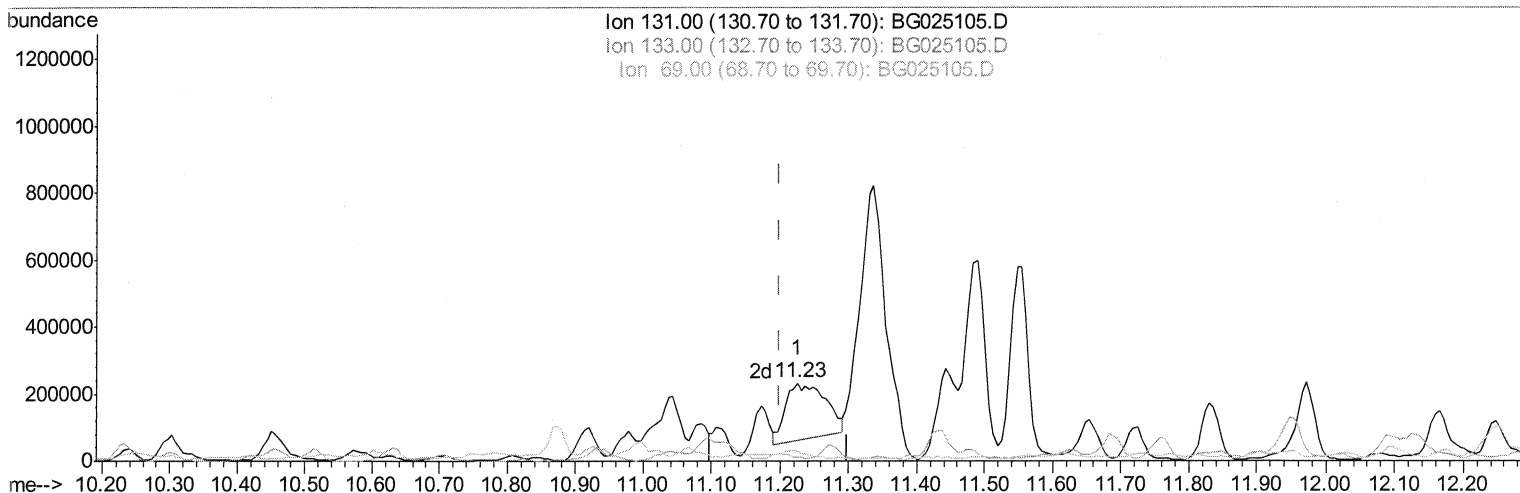
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025105.D
 Acq On : 11 Dec 2016 16:11
 Operator : UM/SJ
 Sample : H5905-01 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:18:47 2016
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TIC: BG025105.D

(29) 4-Chloroaniline-d4 (S)
 11.225min (+0.026) 95.09ng/ul
 response 682040

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	4.27#
69.00	23.80	13.59#
0.00	0.00	0.00

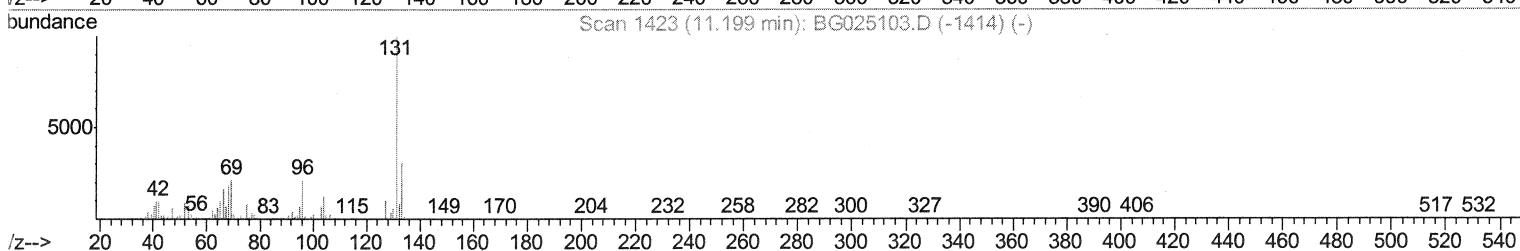
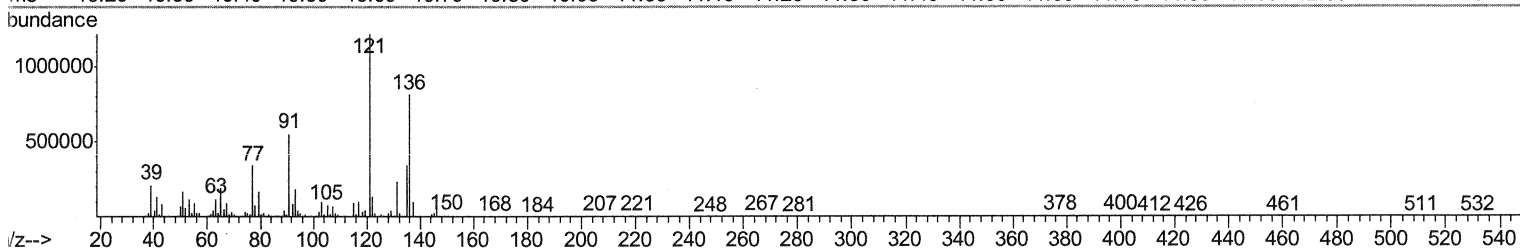
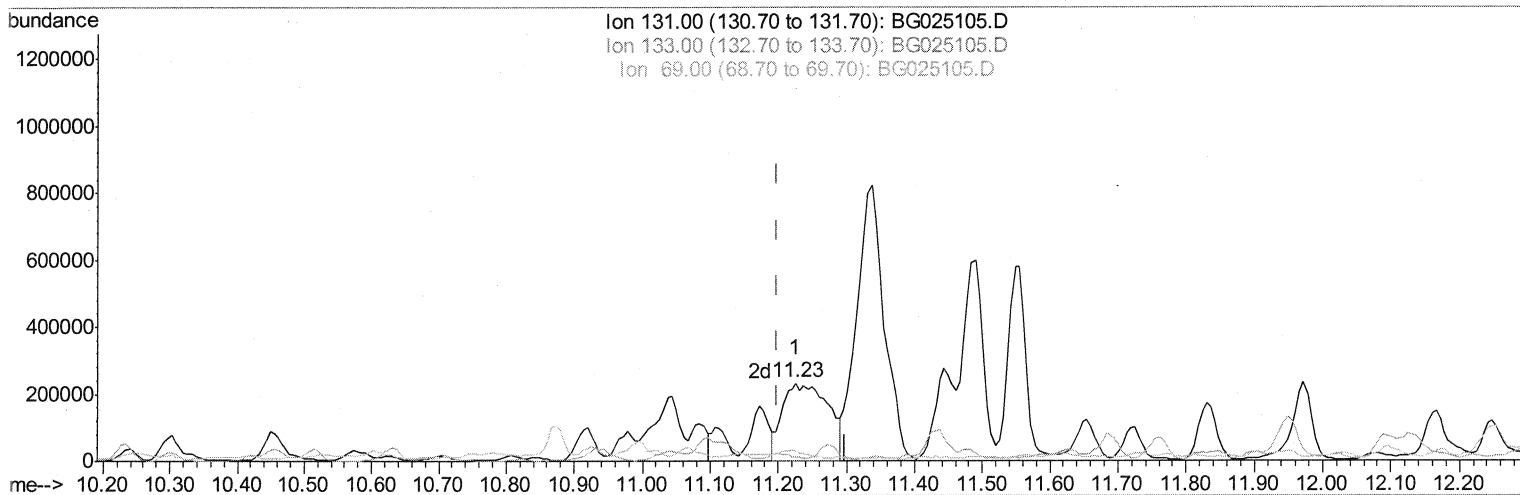
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
Data File : BG025105.D
Acq On : 11 Dec 2016 16:11
Operator : UM/SJ
Sample : H5905-01 5X
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA7Z1DL

Manual Integrations
APPROVED

Sohil
12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:18:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 12 08:16:15 2016
Response via : Initial Calibration



TIC: BG025105.D

(29) 4-Chloroaniline-d4 (S)

11.225min (+0.026) 151.28ng/ul m

51 12/13/16

response 1085100

Ion	Exp%	Act%
131.00	100	100
133.00	35.40	4.27#
69.00	23.80	13.59#
0.00	0.00	0.00

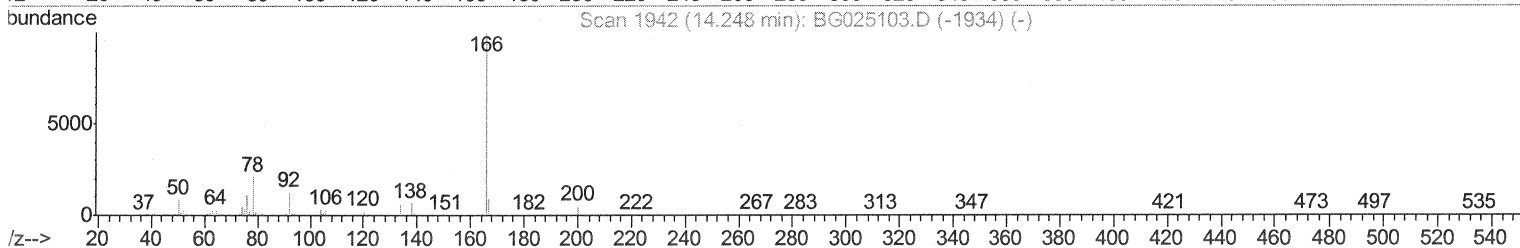
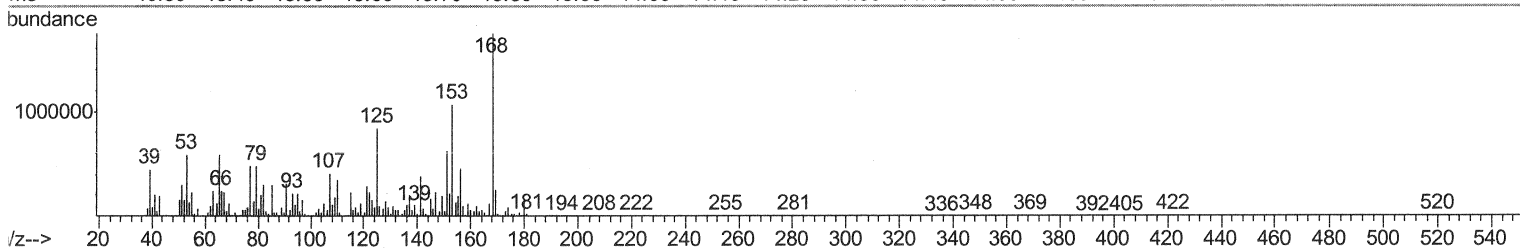
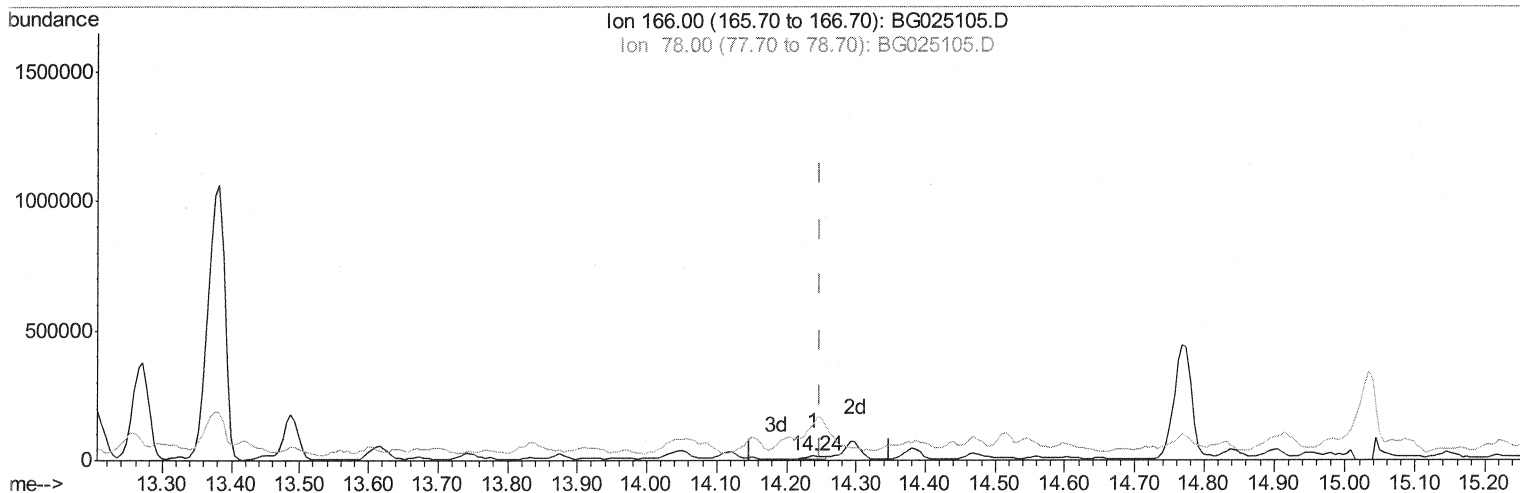
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025105.D
 Acq On : 11 Dec 2016 16:11
 Operator : UM/SJ
 Sample : H5905-01 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
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TIC: BG025105.D

(43) Dimethylphthalate-d6 (S)

14.239min (-0.009) 1.07ng/ul

response 26832

Ion	Exp%	Act%
166.00	100	100
78.00	20.50	806.23#
0.00	0.00	0.00
0.00	0.00	0.00

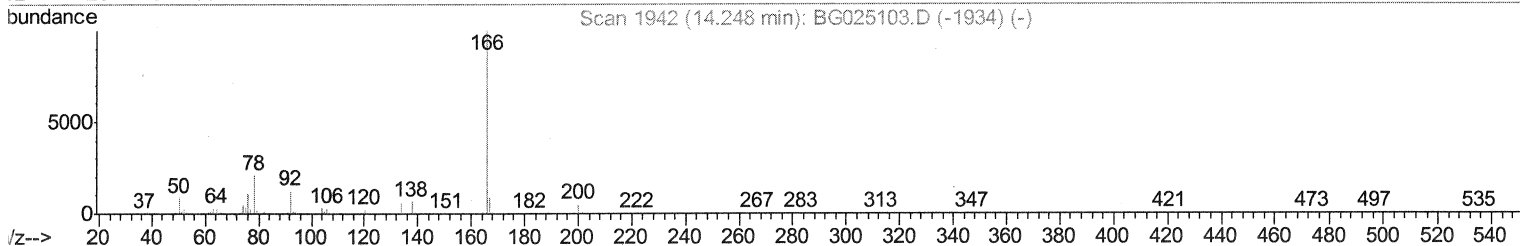
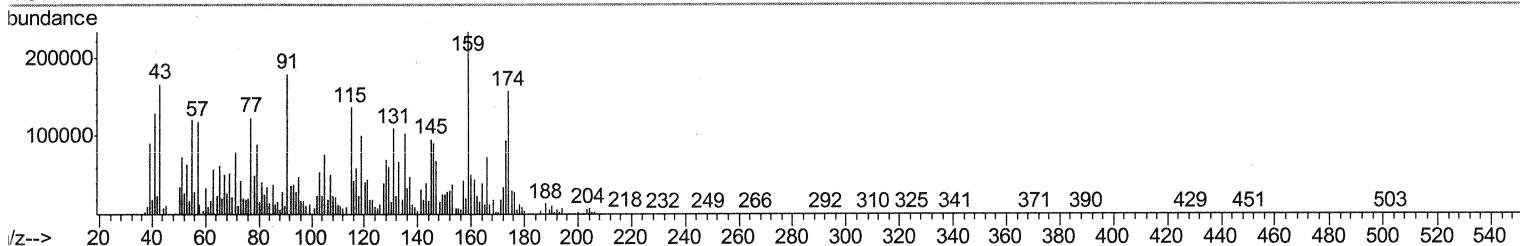
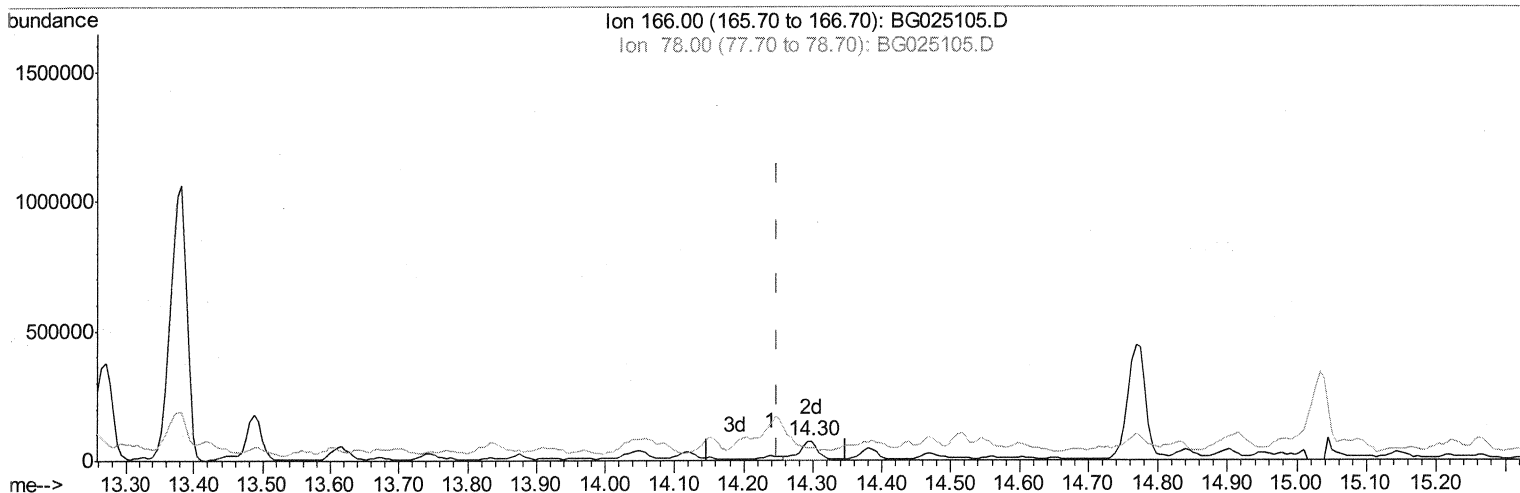
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121016\
 Data File : BG025105.D
 Acq On : 11 Dec 2016 16:11
 Operator : UM/SJ
 Sample : H5905-01 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:18:47 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration



TIC: BG025105.D

(43) Dimethylphthalate-d6 (S)

14.298min (+0.050) 5.54ng/ul m SJ 12/13/16

response 139001

Ion	Exp%	Act%
166.00	100	100
78.00	20.50	67.06#
0.00	0.00	0.00
0.00	0.00	0.00

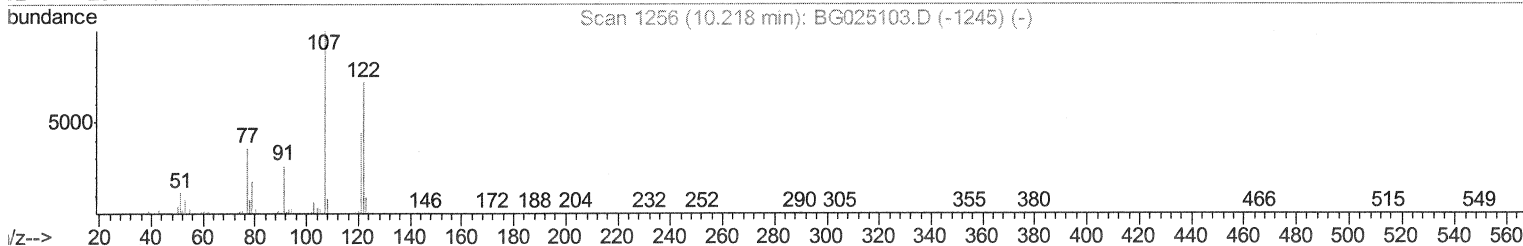
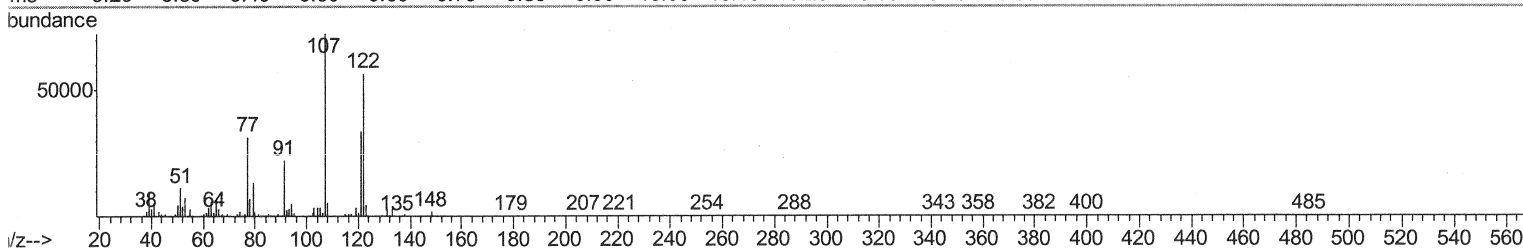
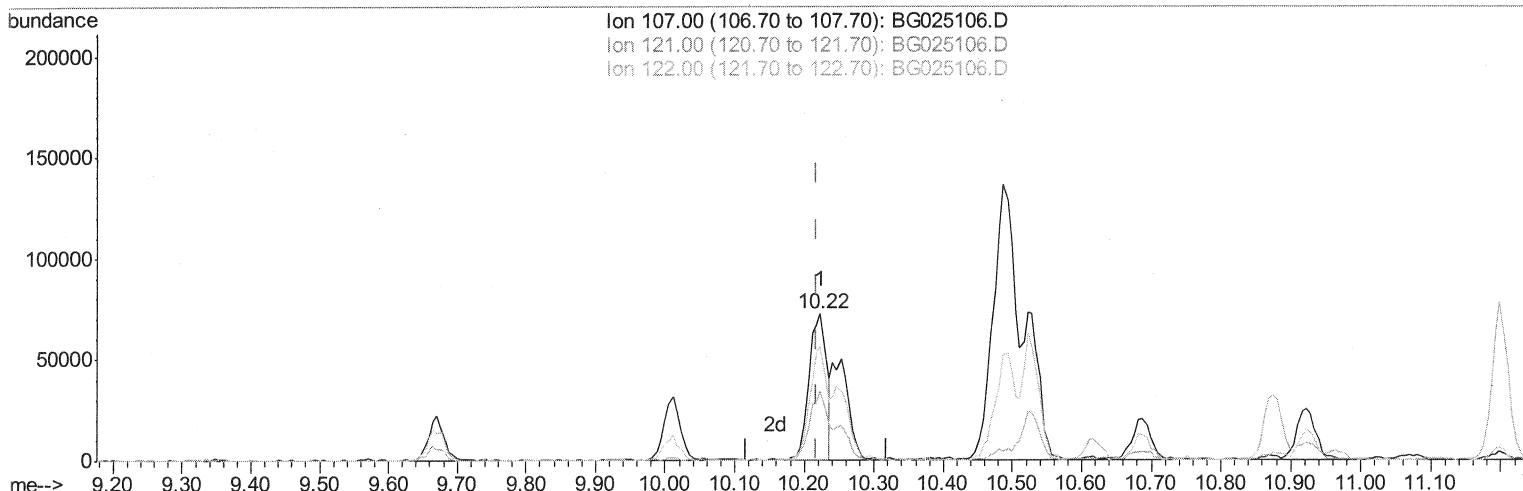
Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
 Data File : BG025106.D
 Acq On : 11 Dec 2016 16:51
 Operator : UM/SJ
 Sample : H5863-14DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:19:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration



TIC: BG025106.D

(24) 2,4-Dimethylphenol

10.223min (+0.005) 9.78ng/ul

response 127379

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	46.82
122.00	76.50	78.48
0.00	0.00	0.00

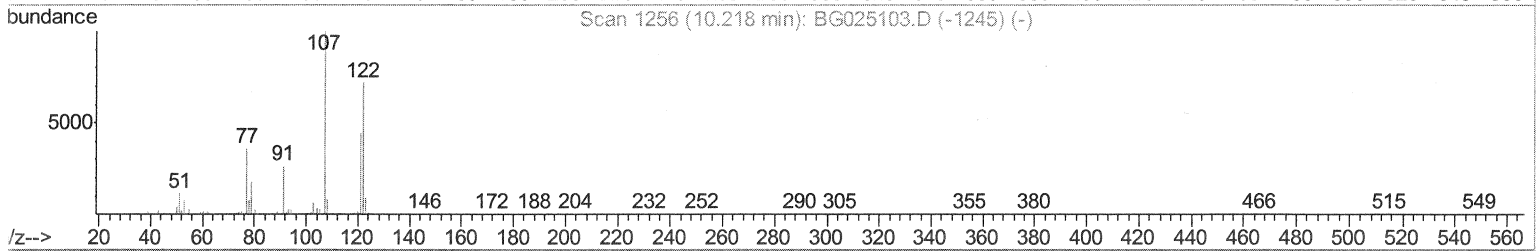
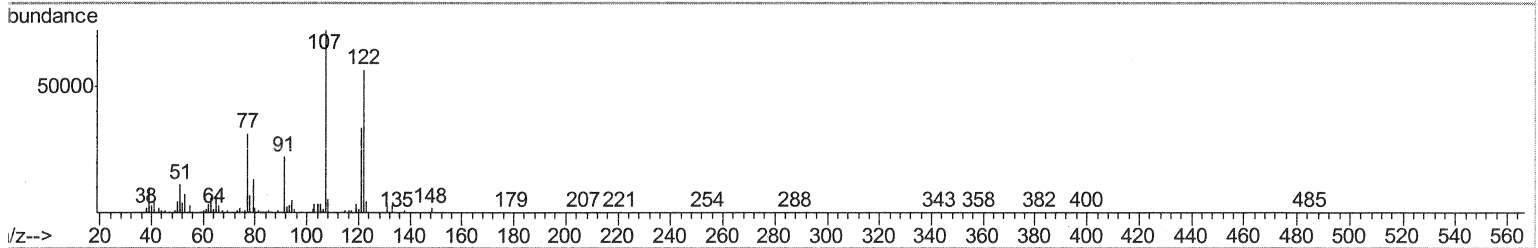
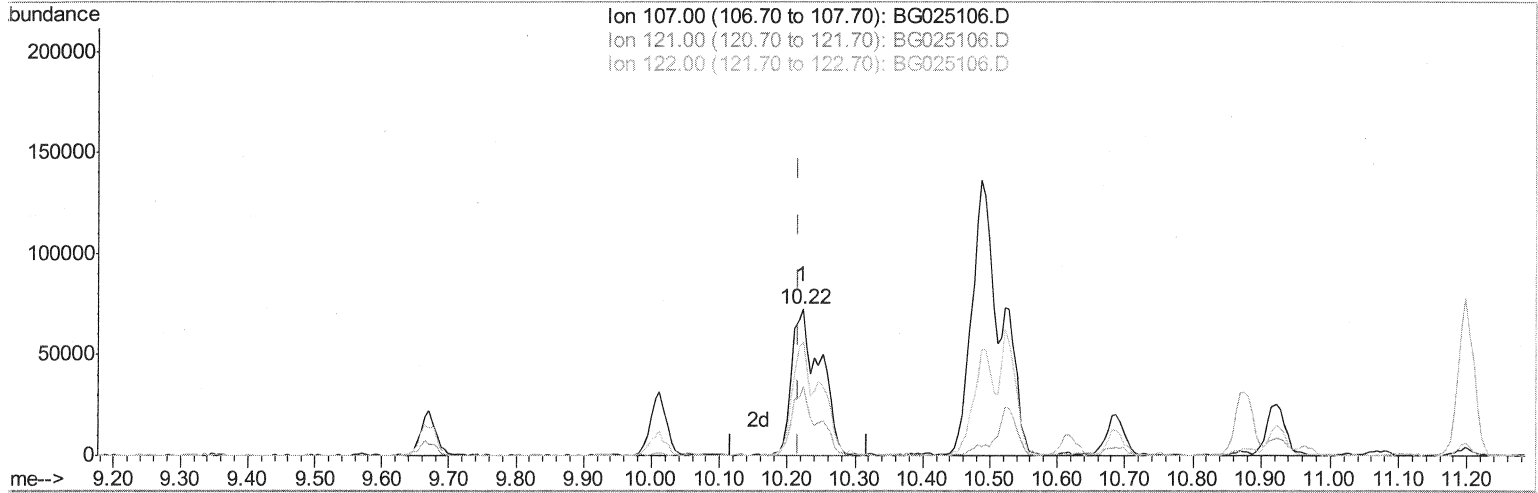
Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
 Data File : BG025106.D
 Acq On : 11 Dec 2016 16:51
 Operator : UM/SJ
 Sample : H5863-14DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 08:19:13 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration



TIC: BG025106.D

(24) 2,4-Dimethylphenol

10.223min (+0.005) 16.20ng/ul m

SJ 12/13/16

response 211034

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	46.82
122.00	76.50	78.48
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\Data\BG121016\
 Data File : BG025106.D
 Acq On : 11 Dec 2016 16:51
 Operator : UM/SJ
 Sample : H5863-14DL 5X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DA7Z1DL

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:30:21 PM

Quant Time: Dec 12 09:49:03 2016
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 12 08:16:15 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	145512	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	635976	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	487090	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	978951	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1230749	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	1296996	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.60	96	3785	1.34	ng/uL	0.01
5) Phenol-d5	7.38	99	70738	5.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	49159	6.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	49501	5.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	60416	5.76	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	27194	6.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	33463	5.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	62872	5.82	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	75252	7.09	ng/ul	0.01
43) Dimethylphthalate-d6	14.25	166	204646	6.11	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	244061	6.65	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	41095	7.14	ng/ul	0.02
57) Fluorene-d10	15.85	176	211331	6.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	37058	6.12	ng/ul	0.00
70) Anthracene-d10	17.70	188	292379	7.08	ng/ul	0.00
76) Pyrene-d10	19.98	212	329459	6.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.06	264	333531	6.35	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Phenol	7.42	94	14814	1.15	ng/ul#	82
11) 2-Methylphenol	8.68	108	13623	1.44	ng/ul	81
16) 4-Methylphenol	9.01	108	22798	2.16	ng/ul	86
24) 2,4-Dimethylphenol	10.22	107	211034m	16.20	ng/ul	
28) Naphthalene	11.12	128	301935	10.21	ng/ul	98
34) 2-Methylnaphthalene	12.71	142	638843	27.38	ng/ul	94
40) 1,1'-Biphenyl	13.70	154	201728	6.83	ng/ul	94
44) Dimethylphthalate	14.30	163	37177	1.13	ng/ul#	96
49) Acenaphthene	14.93	153	52916	2.16	ng/ul#	91
53) Dibenzofuran	15.26	168	146147	3.78	ng/ul	98
58) Fluorene	15.90	166	158595	5.04	ng/ul#	97
69) Phenanthrene	17.64	178	76168	1.63	ng/ul#	92

SJ 12/13/16

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