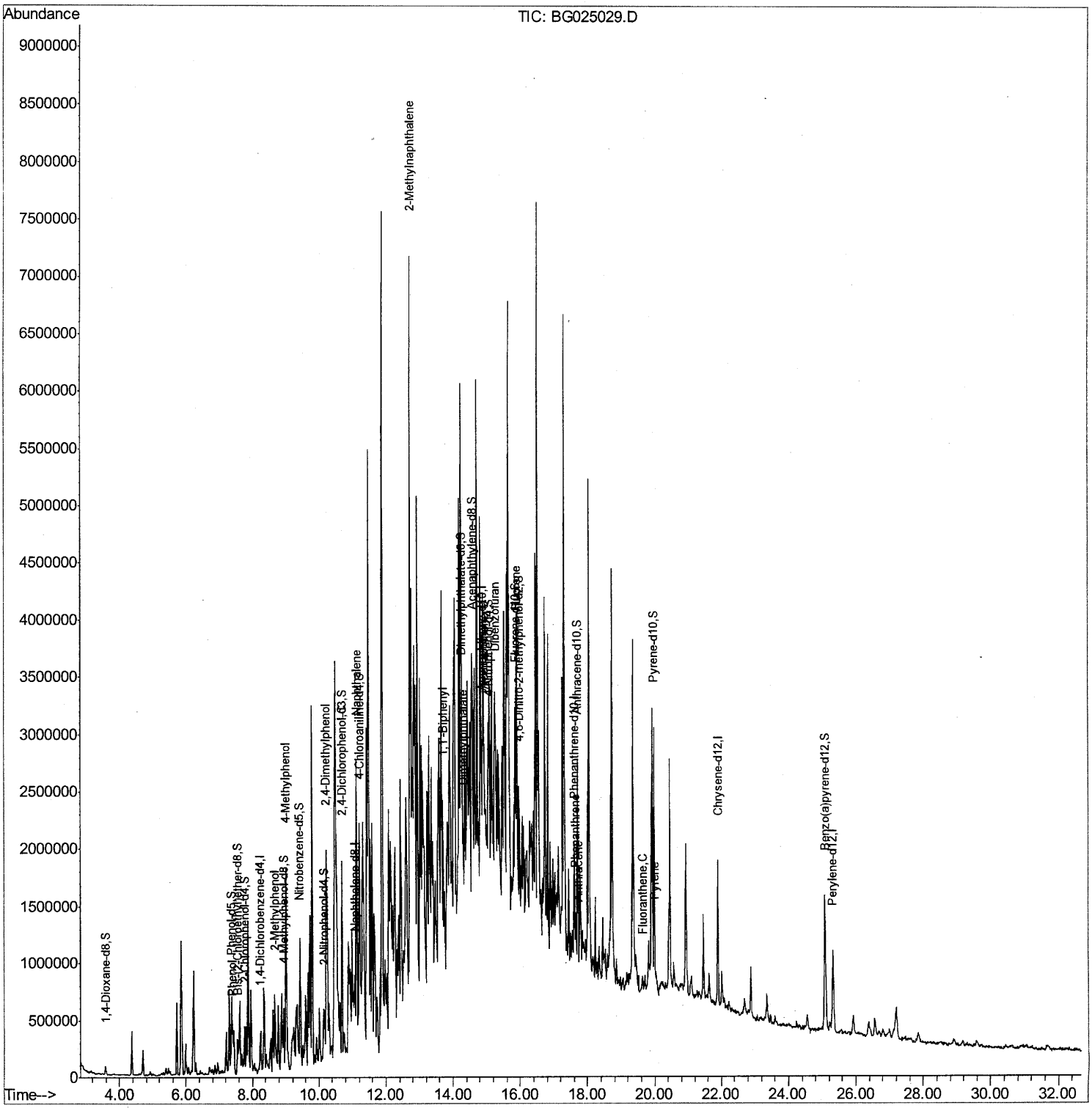
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 07:01:22 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA802

Manual Integrations APPROVED
sohil
12/9/2016 3:41:57 PM



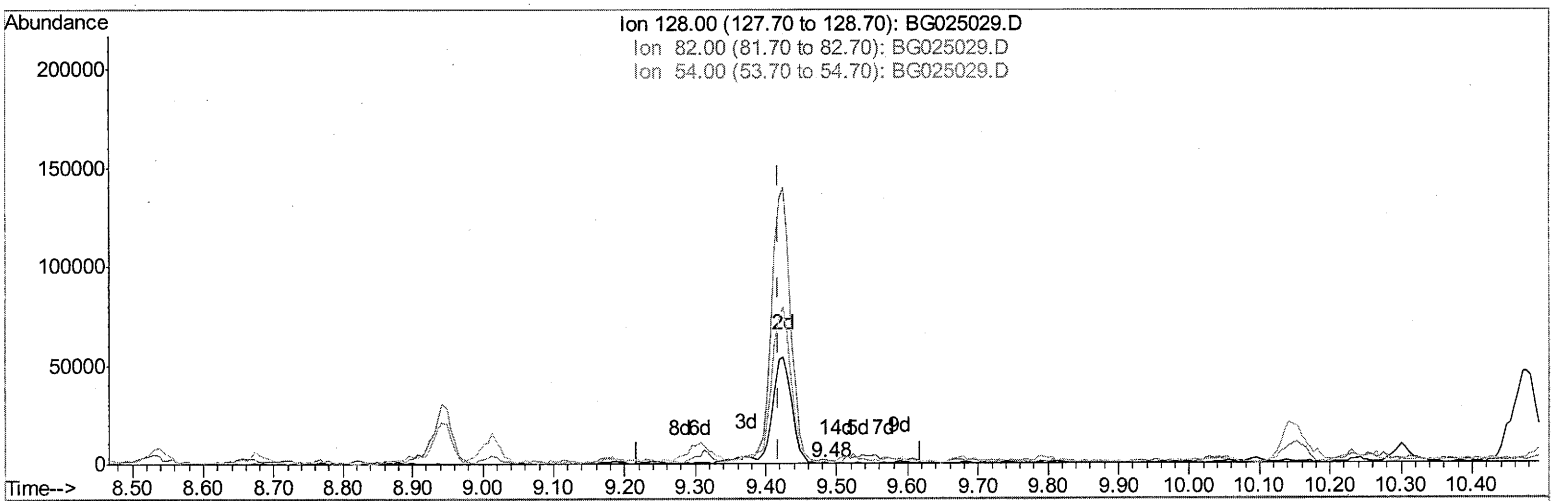
Quantitation Report (Qedit)

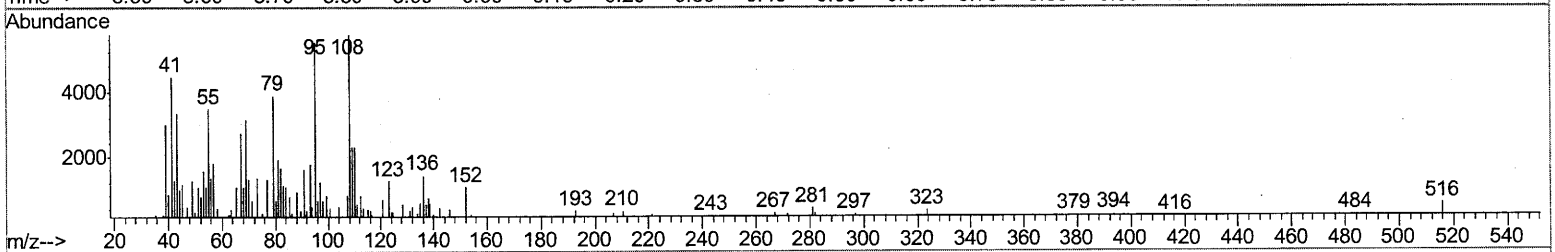
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

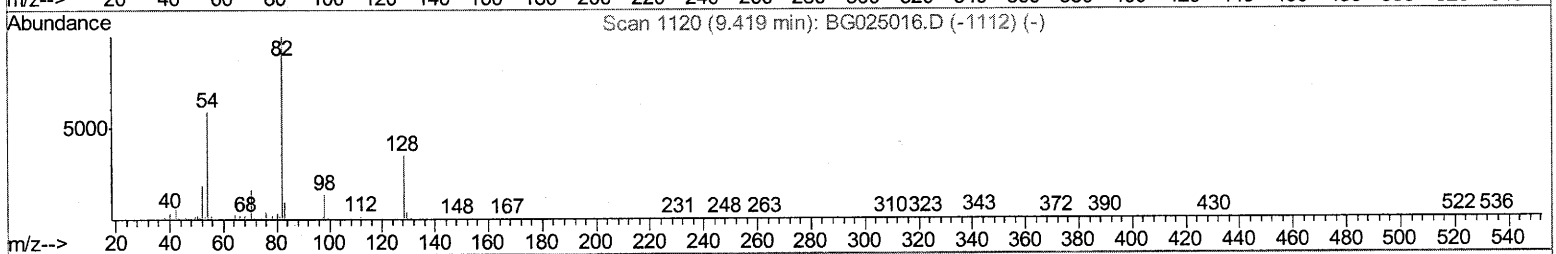
Quant Time: Dec 09 06:35:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA802

Manual Integrations APPROVED
sohil
12/9/2016 3:41:57 PM







TIC: BG025029.D

(19) Nitrobenzene-d5 (S)

9.484min (+0.065) 0.07ng/ul

response 189

Ion	Exp%	Act%
128.00	100	100
82.00	354.30	305.78
54.00	219.20	200.75
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 06:35:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA802

Manual Integrations APPROVED
sohil
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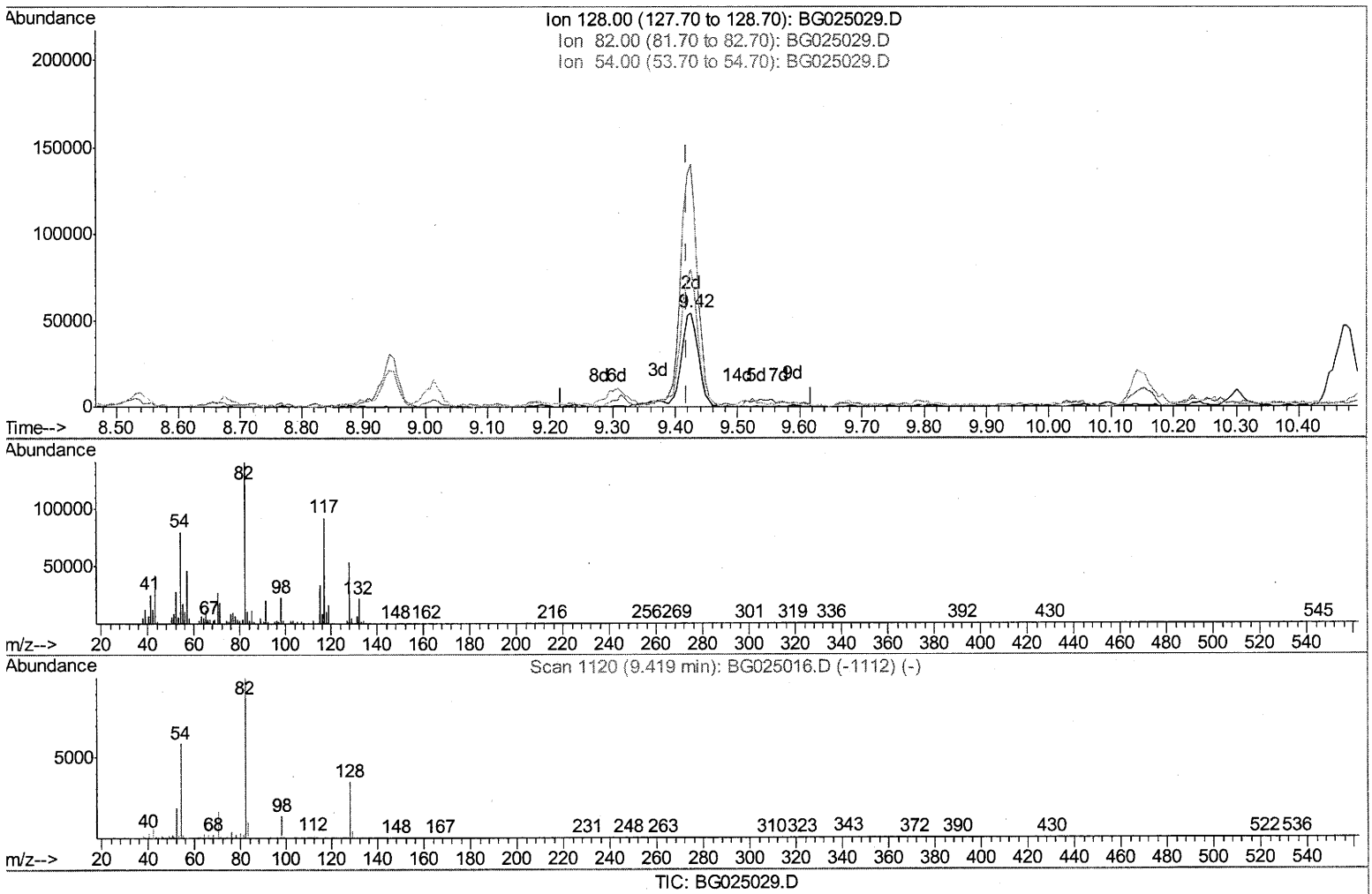

(19) Nitrobenzene-d5 (S)

9.425min (+0.006) 40.69ng/ul m

response 108500

UM
12/09/16

Ion	Exp%	Act%
128.00	100	100
82.00	354.30	258.64#
54.00	219.20	147.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 06:35:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA802

Manual Integrations APPROVED
sohil
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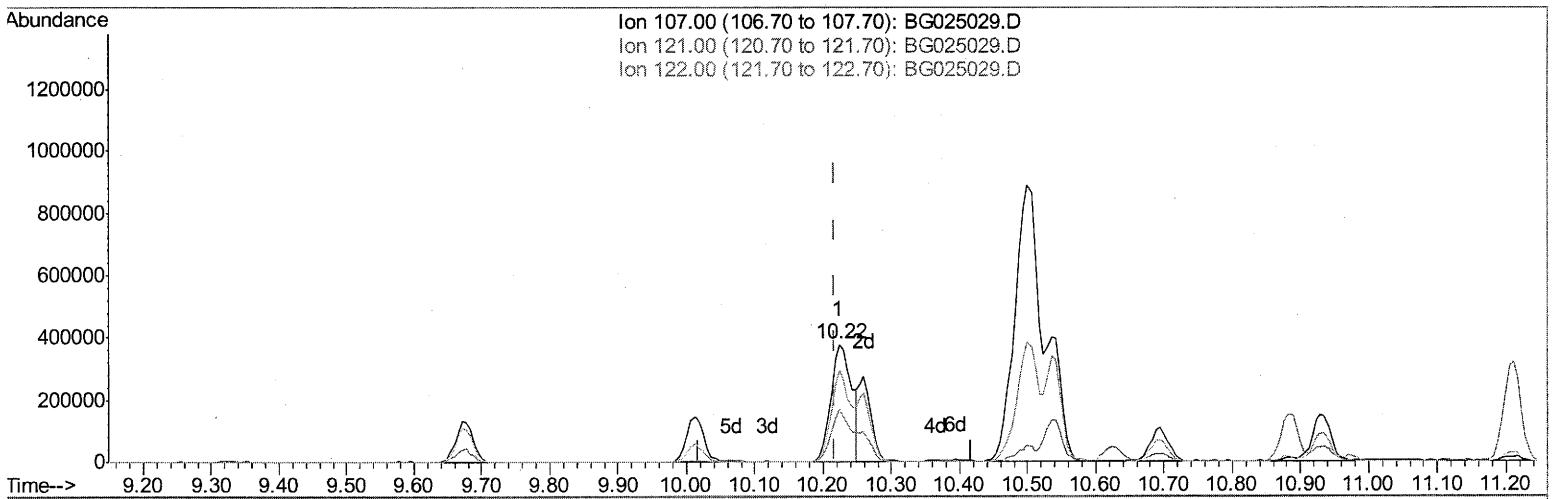

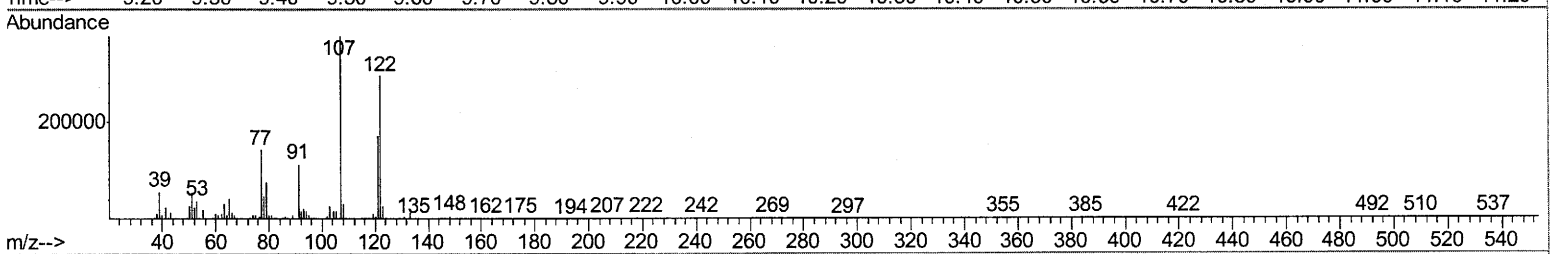

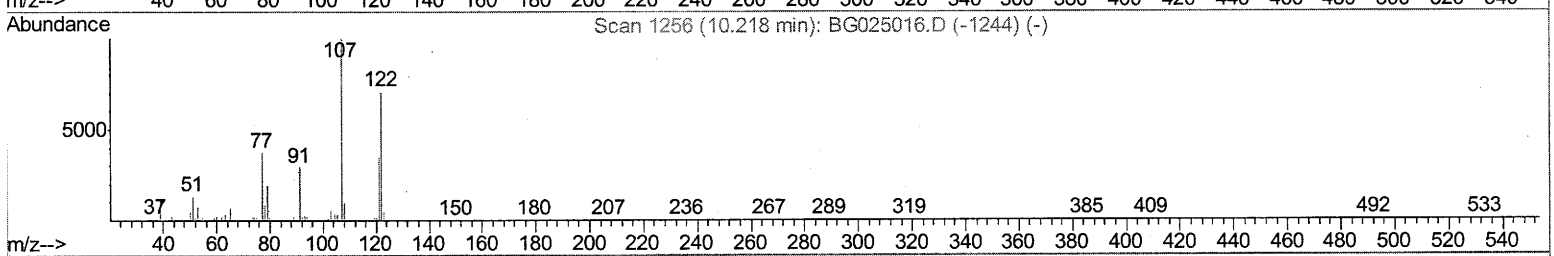

TIC: BG025029.D

(24) 2,4-Dimethylphenol

10.224min (+0.006) 103.29ng/ul

response 796436

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	45.36
122.00	76.50	77.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 06:35:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA802

Manual Integrations APPROVED
sohil
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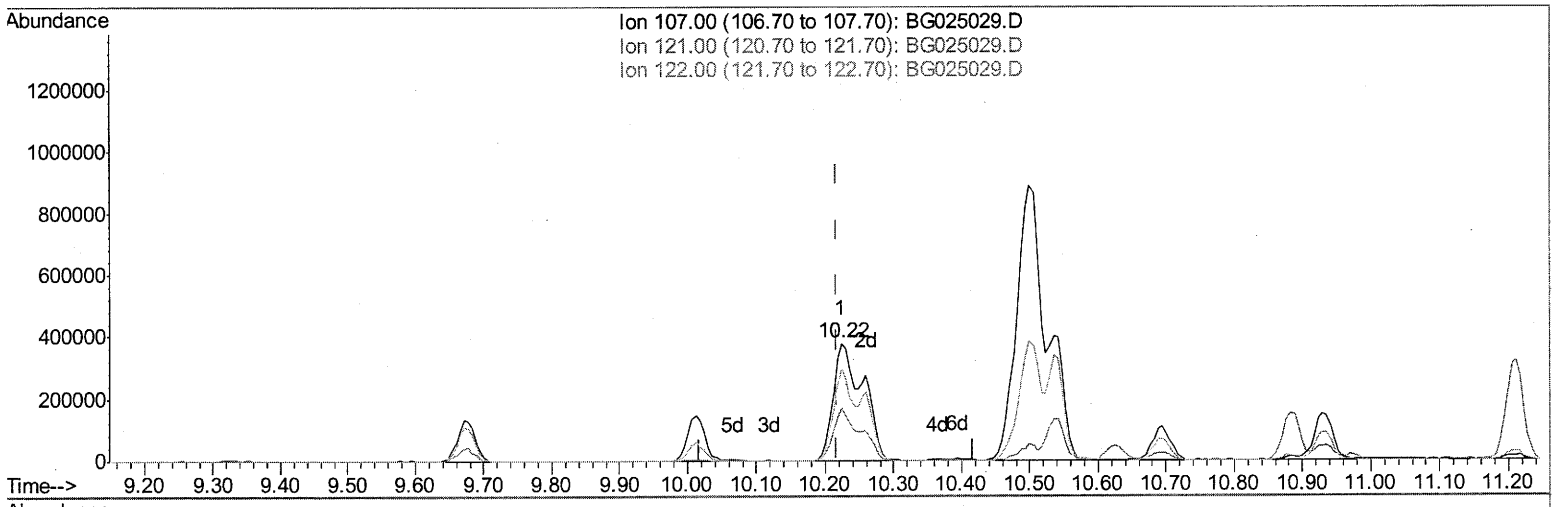

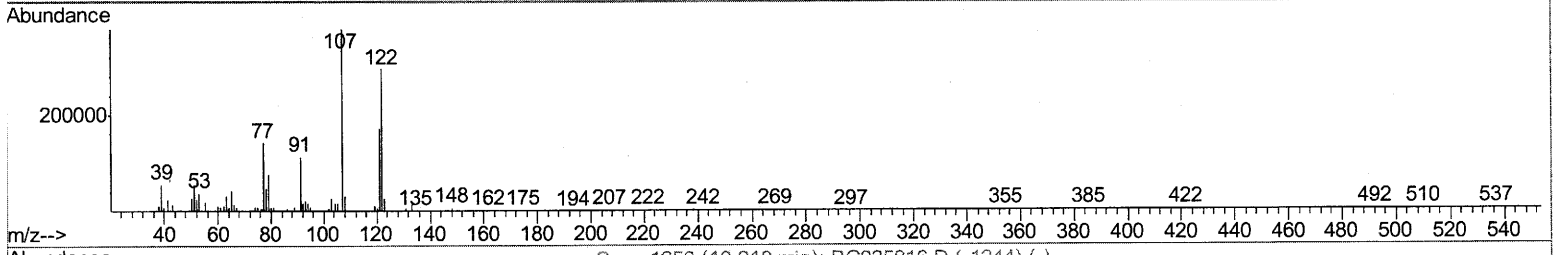

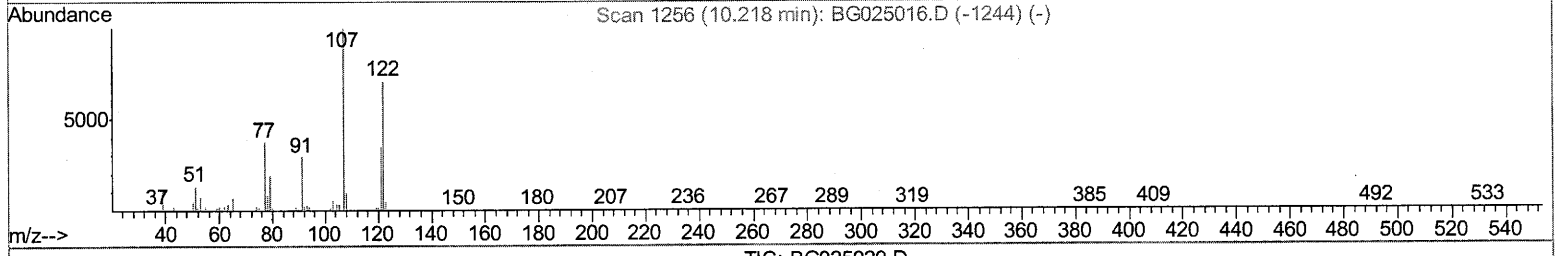

TIC: BG025029.D

(24) 2,4-Dimethylphenol

10.224min (+0.006) 148.85ng/ul m

um
12/09/16

response 1147790

Ion	Exp%	Act%
107.00	100	100
121.00	40.40	45.36
122.00	76.50	77.95
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
Acq On : 9 Dec 2016 5:48
Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 06:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA802

Manual Integrations APPROVED
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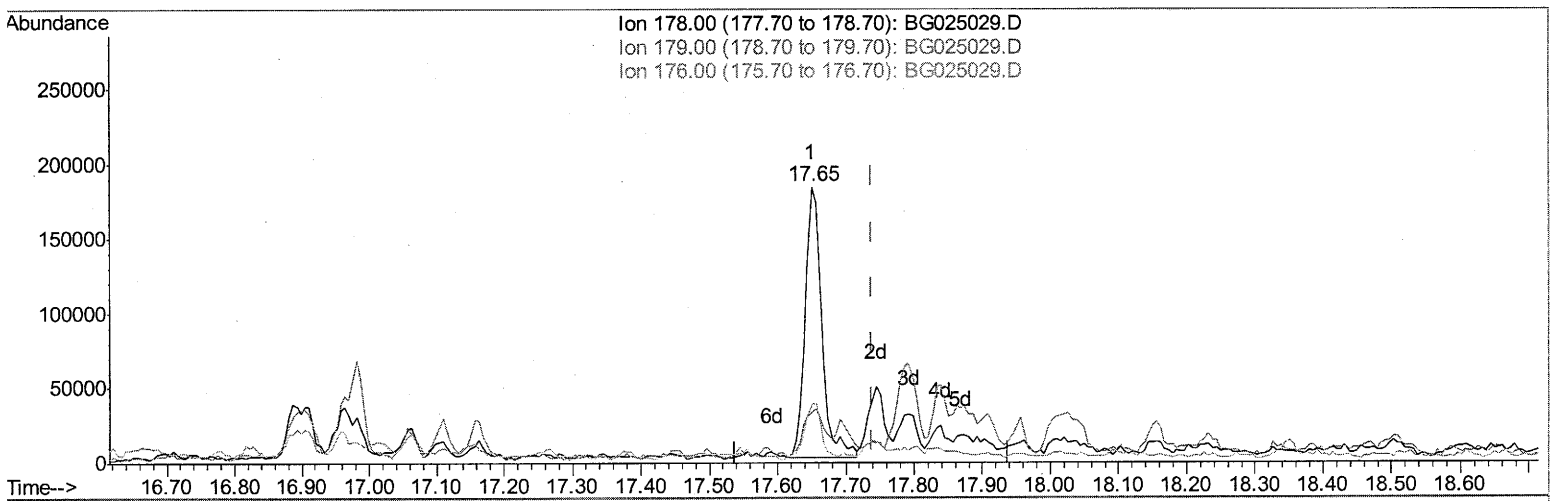

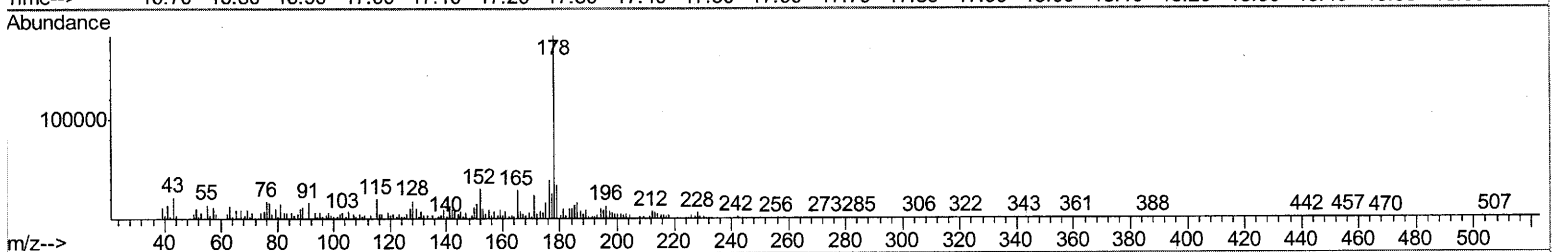

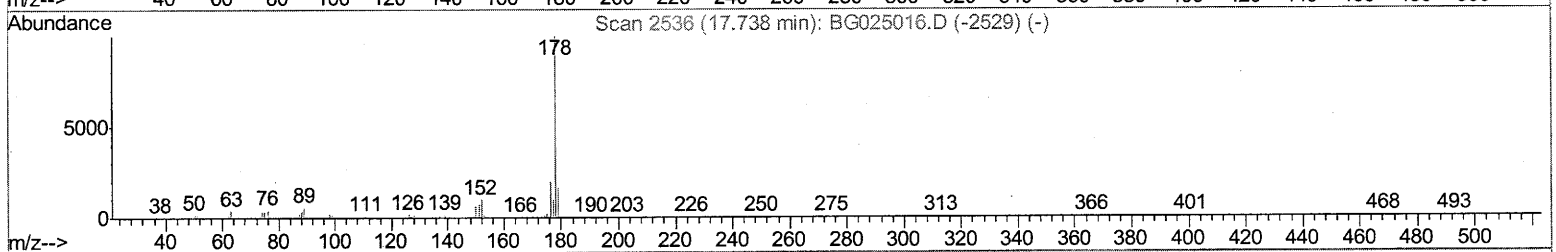

TIC: BG025029.D

(71) Anthracene

17.650min (-0.088) 9.56ng/ul

response 307592

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.48
176.00	19.90	21.40
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : UM/SJ
Sample : H5863-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 09 06:59:48 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
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Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DA802

Manual Integrations APPROVED
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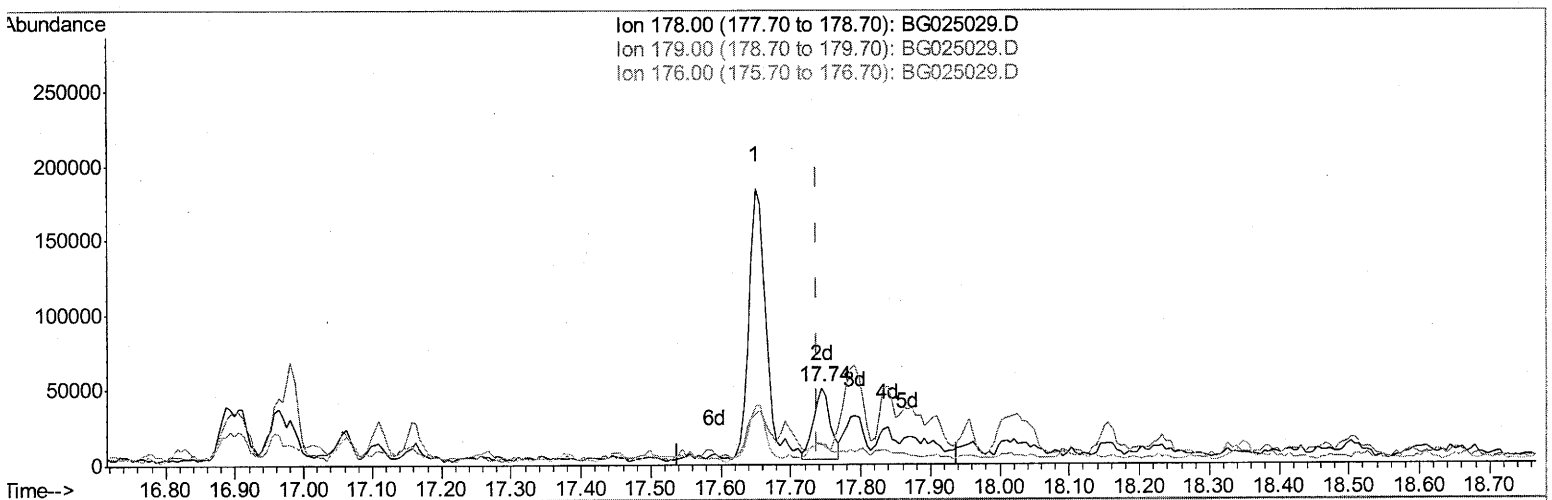
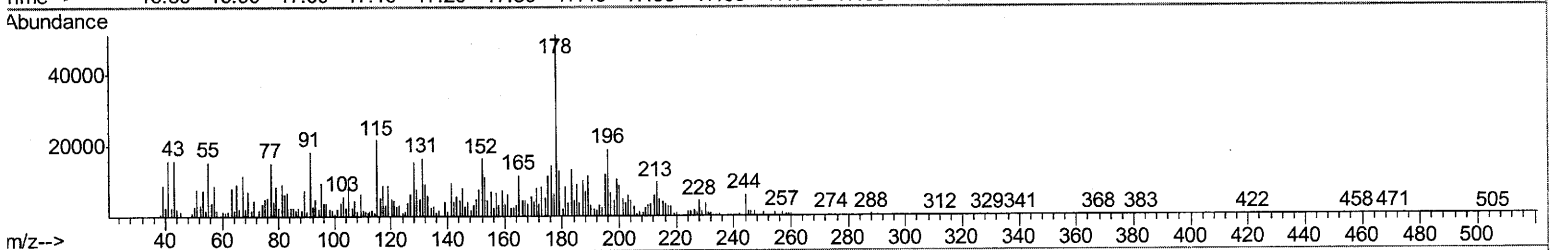
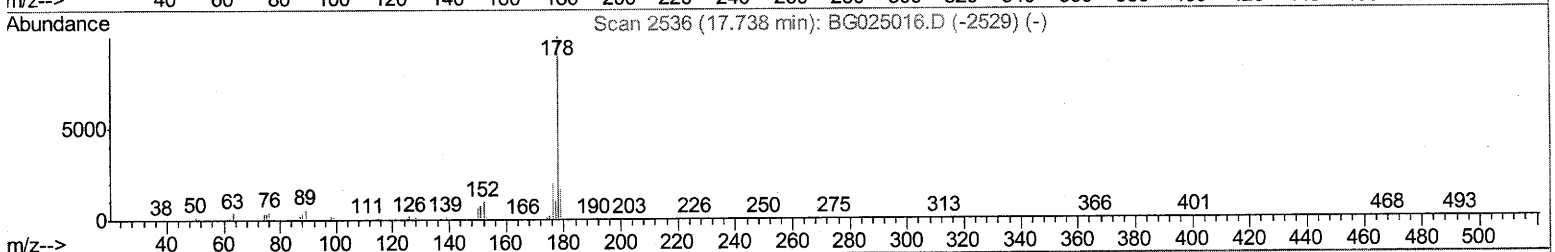
12/9/2016 3:41:57 PM







TIC: BG025029.D

(71) Anthracene

17.744min (+0.006) 2.51ng/ul m

response 80943

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	25.53#
176.00	19.90	28.19#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025029.D
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Operator : UM/SJ
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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 09 01:31:52 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : DA802

Manual Integrations APPROVED
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12/9/2016 3:41:57 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
1) 1,4-Dichlorobenzene-d4	8.24	152	86829	20.00	ng/ul	0.00	
18) Naphthalene-d8	11.08	136	376535	20.00	ng/ul	0.00	
35) Acenaphthene-d10	14.87	164	317916	20.00	ng/ul	0.00	
61) Phenanthrene-d10	17.61	188	656022	20.00	ng/ul	0.00	
75) Chrysene-d12	21.90	240	861504	20.00	ng/ul	0.00	
83) Perylene-d12	25.32	264	909255	20.00	ng/ul	0.00	
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.59	96	25247	15.02	ng/uL	-0.01	
5) Phenol-d5	7.39	99	219967	29.36	ng/ul	0.00	
7) Bis-(2-Chloroethyl)ether-d	7.56	67	147247	31.77	ng/ul	0.00	
9) 2-Chlorophenol-d4	7.77	132	159590	30.47	ng/ul	0.00	
13) 4-Methylphenol-d8	8.94	113	195752	31.27	ng/ul	0.00	
19) Nitrobenzene-d5	9.42	128	108500m	40.69	ng/ul	0.00	UM 12/09/16
22) 2-Nitrophenol-d4	10.15	143	105301	31.68	ng/ul	0.00	
26) 2,4-Dichlorophenol-d3	10.69	165	202851	31.73	ng/ul	0.00	
29) 4-Chloroaniline-d4	11.22	131	656770	104.54	ng/ul	0.01	
43) Dimethylphthalate-d6	14.27	166	747614	34.19	ng/ul	0.02	
46) Acenaphthylene-d8	14.57	160	829172	34.62	ng/ul	0.01	
51) 4-Nitrophenol-d4	15.07	143	163816	43.59	ng/ul	0.02	
57) Fluorene-d10	15.86	176	931779	45.27	ng/ul	0.01	
62) 4,6-Dinitro-2-methylphenol	15.98	200	163813	40.39	ng/ul	0.02	
70) Anthracene-d10	17.71	188	1039606	37.55	ng/ul	0.00	
76) Pyrene-d10	19.98	212	1253435	35.32	ng/ul	0.00	
87) Benzo(a)pyrene-d12	25.08	264	1409597	38.26	ng/ul	0.01	
Target Compounds						Qvalue	
6) Phenol	7.42	94	138913	18.07	ng/ul	96	
11) 2-Methylphenol	8.68	108	203397	35.93	ng/ul	93	
16) 4-Methylphenol	9.01	108	643715	102.21	ng/ul	90	
24) 2,4-Dimethylphenol	10.22	107	1147790m	148.85	ng/ul		UM 12/09/16
27) 2,4-Dichlorophenol	10.70	162	154981	24.97	ng/ul#	33	
28) Naphthalene	11.13	128	1874070	107.07	ng/ul	98	
34) 2-Methylnaphthalene	12.72	142	2854264	206.64	ng/ul	94	
40) 1,1'-Biphenyl	13.71	154	695114	36.06	ng/ul	99	
44) Dimethylphthalate	14.32	163	267827	12.46	ng/ul#	96	
49) Acenaphthene	14.94	153	187508	11.75	ng/ul#	86	
53) Dibenzofuran	15.26	168	477084	18.91	ng/ul	96	
58) Fluorene	15.91	166	506180	24.64	ng/ul#	95	
69) Phenanthrene	17.65	178	307592	9.82	ng/ul	96	
71) Anthracene	17.74	178	80943m	2.51	ng/ul		
74) Fluoranthene	19.64	202	64184	1.73	ng/ul#	89	
77) Pyrene	20.01	202	73591	1.78	ng/ul#	93	

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