

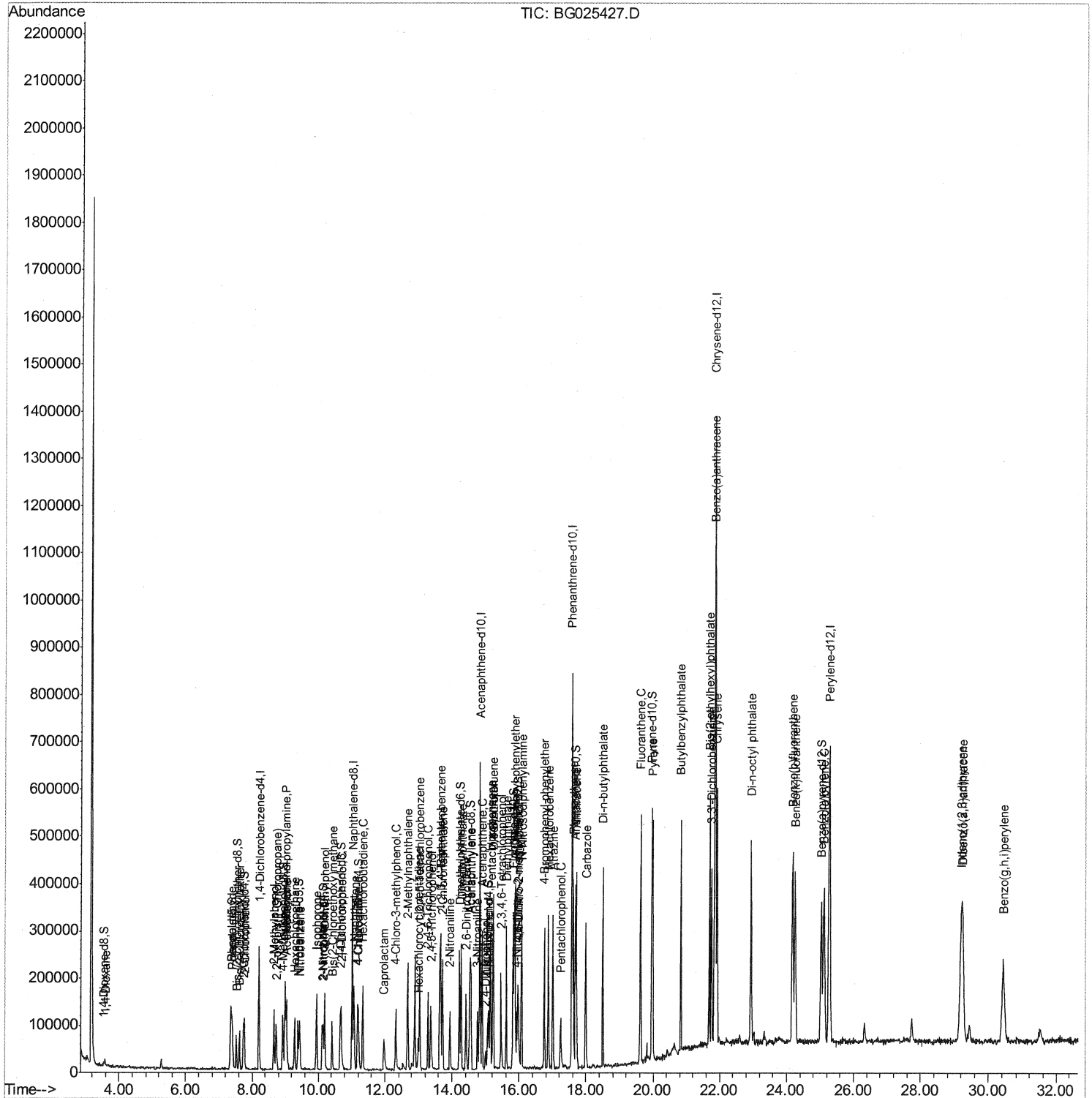
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
 Data File : BG025427.D
 Acq On : 4 Jan 2017 11:00
 Operator : UM/SJ
 Sample : SSTD01029
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 Client Sampled :
 SSTD01029

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 12 12:00:59 2017
 Response via : Initial Calibration



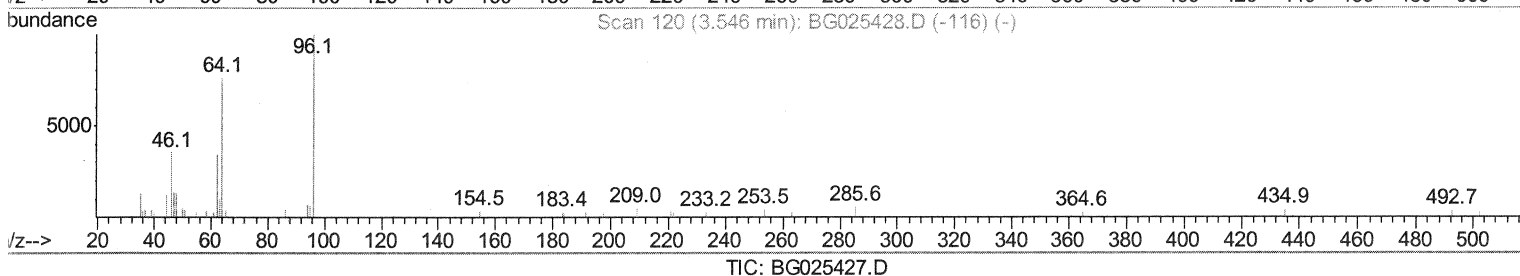
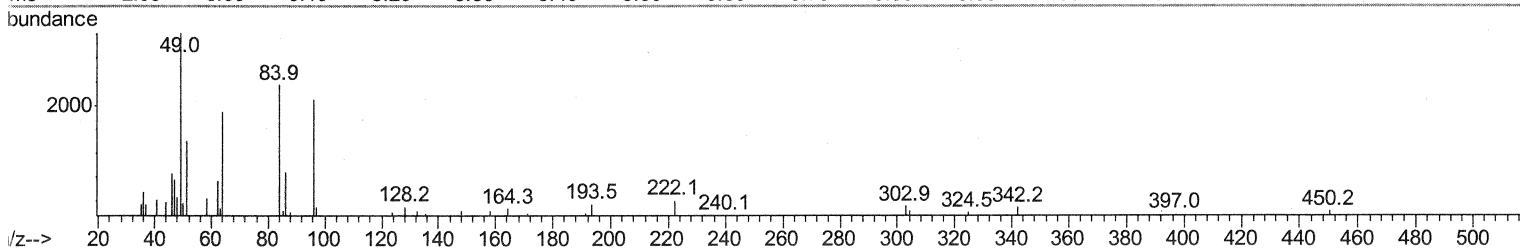
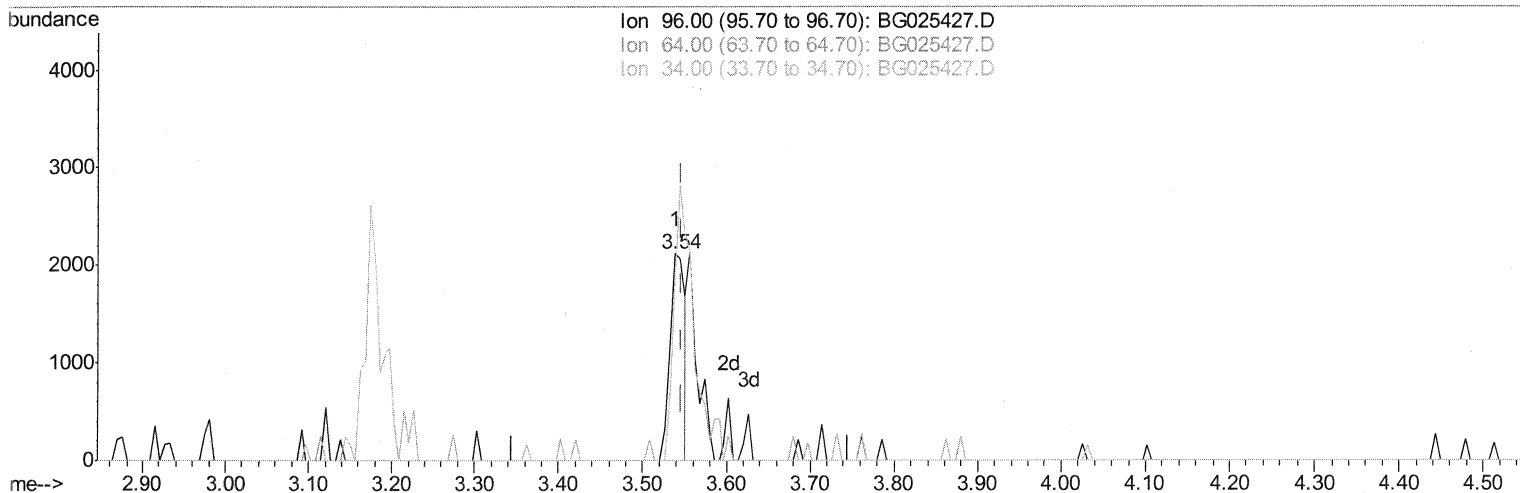
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:06:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



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

3.538min (-0.007) 1.81ng/uL

response 2610

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	166.67#
34.00	0.00	0.00
0.00	0.00	0.00

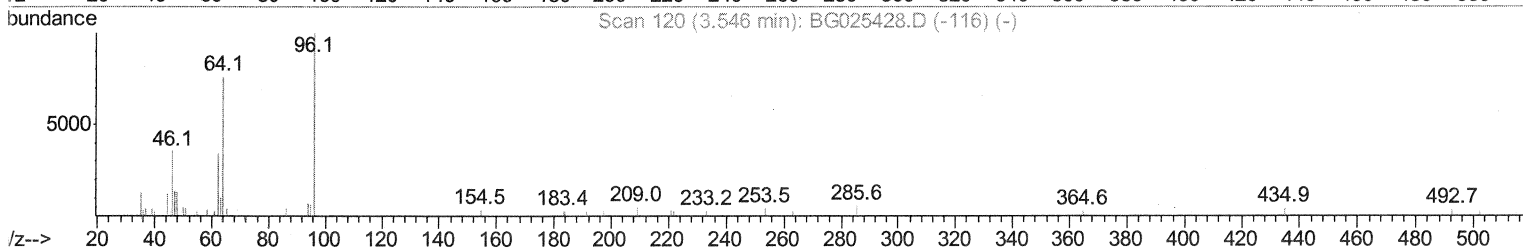
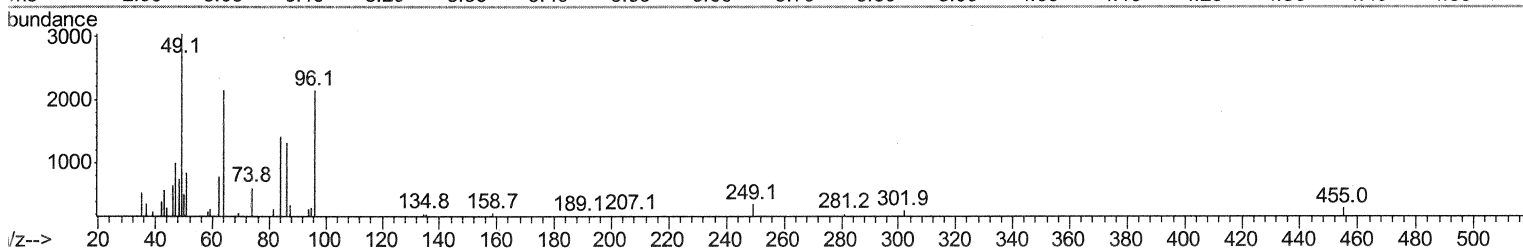
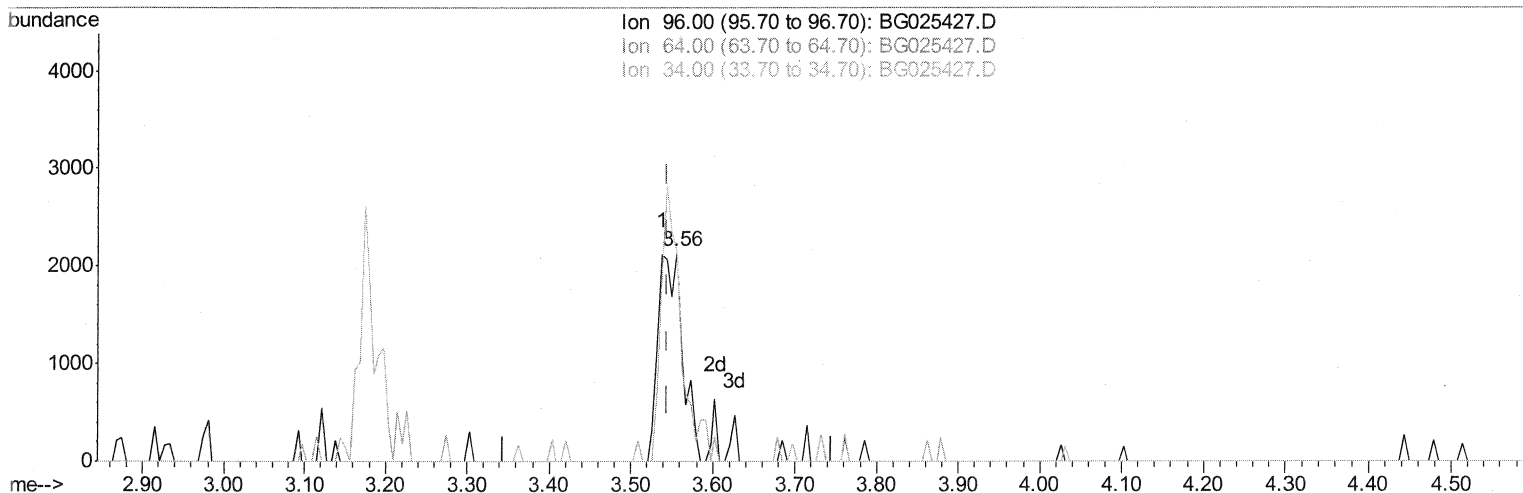
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SST01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:06:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

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

3.556min (+0.010) 3.00ng/uL m

SJ 1/17/17

response 4329

Ion	Exp%	Act%
96.00	100	100
64.00	67.80	100.49#
34.00	0.00	0.00
0.00	0.00	0.00

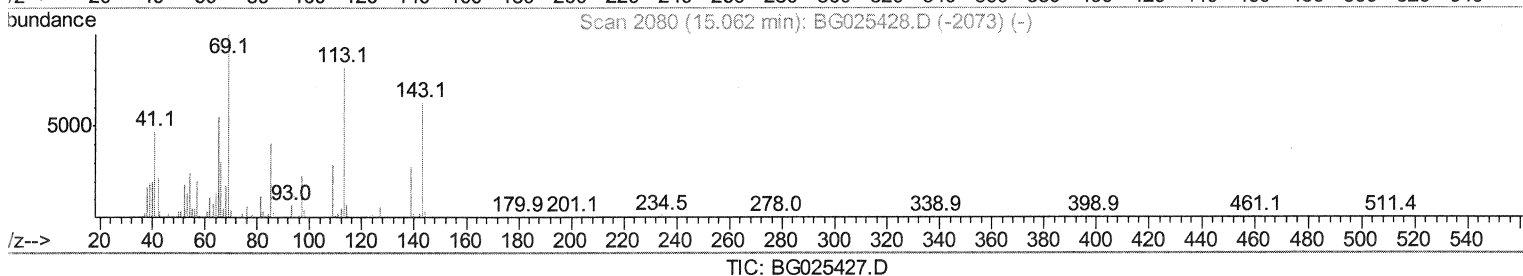
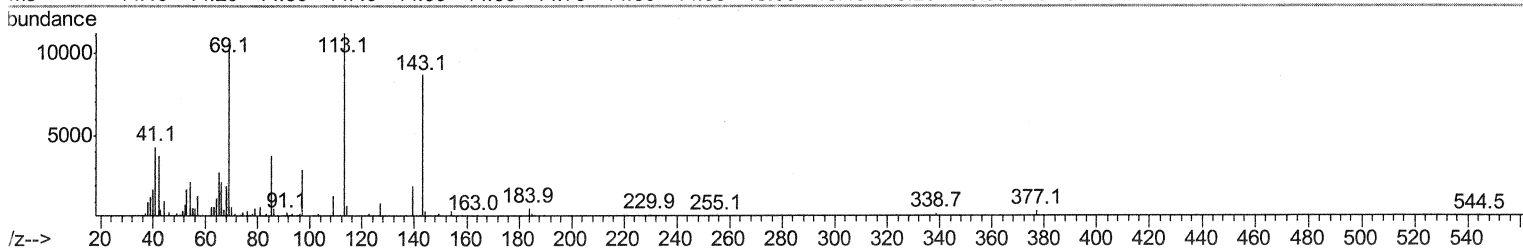
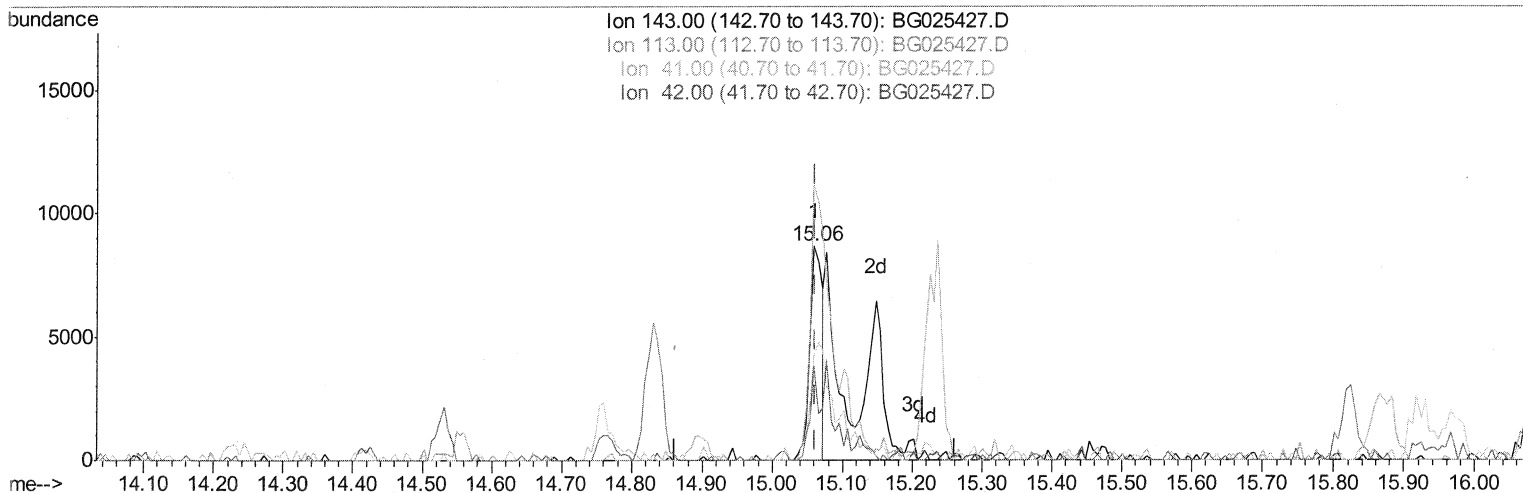
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SST01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:06:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



(51) 4-Nitrophenol-d4 (S)

15.060min (-0.002) 4.74ng/ul

response 10991

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	128.88#
41.00	28.80	49.97#
42.00	19.10	43.76#

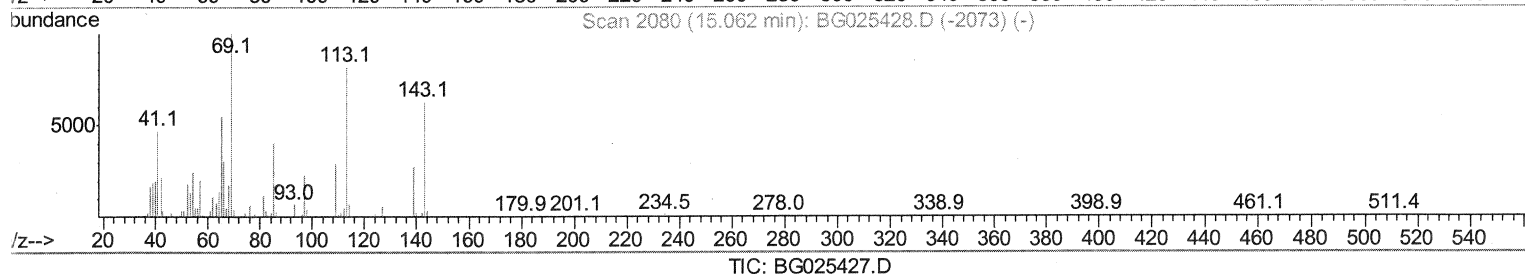
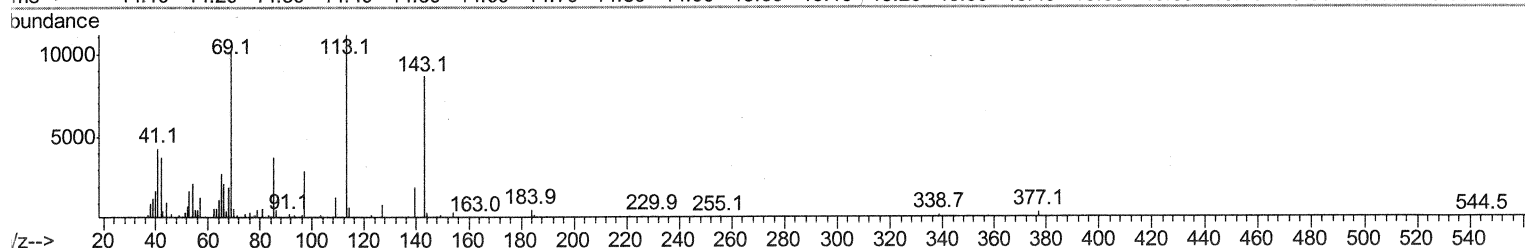
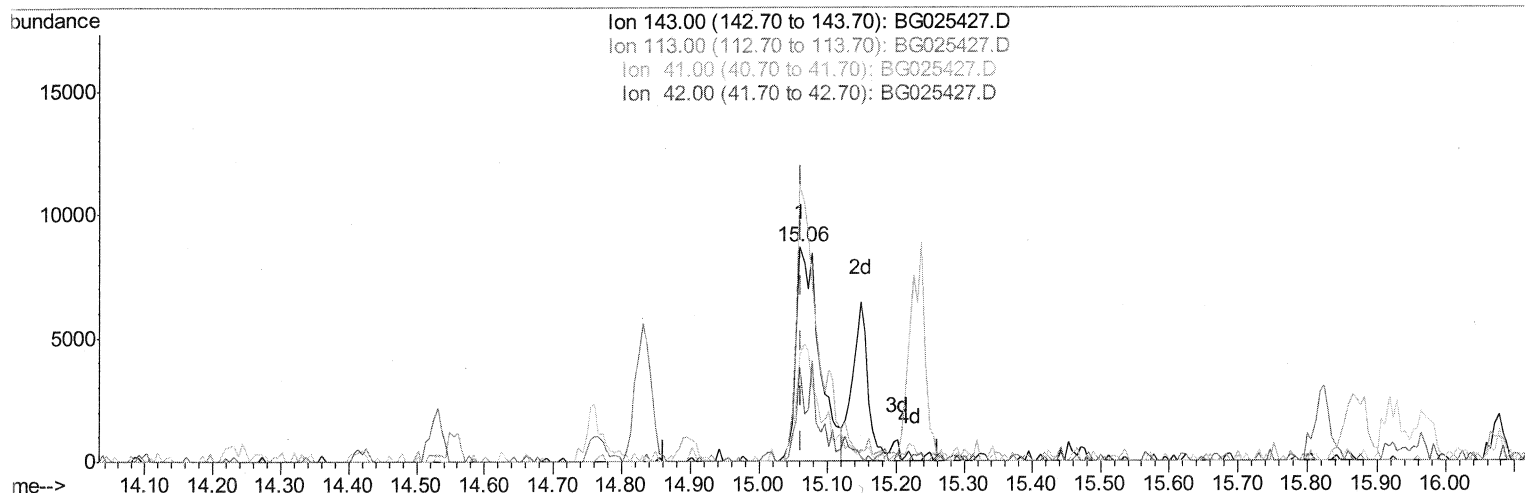
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SST01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:06:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(51) 4-Nitrophenol-d4 (S)

15.060min (-0.002) 8.78ng/ul m

SJ 1/17/17

response 20356

Ion	Exp%	Act%
143.00	100	100
113.00	75.10	128.88#
41.00	28.80	49.97#
42.00	19.10	43.76#

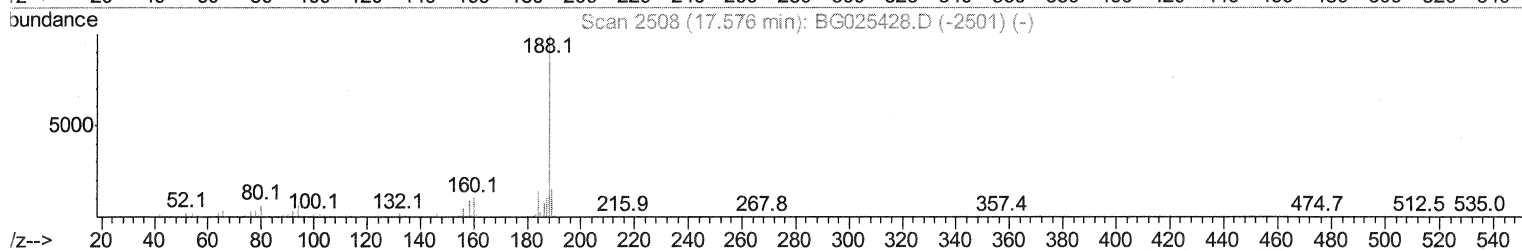
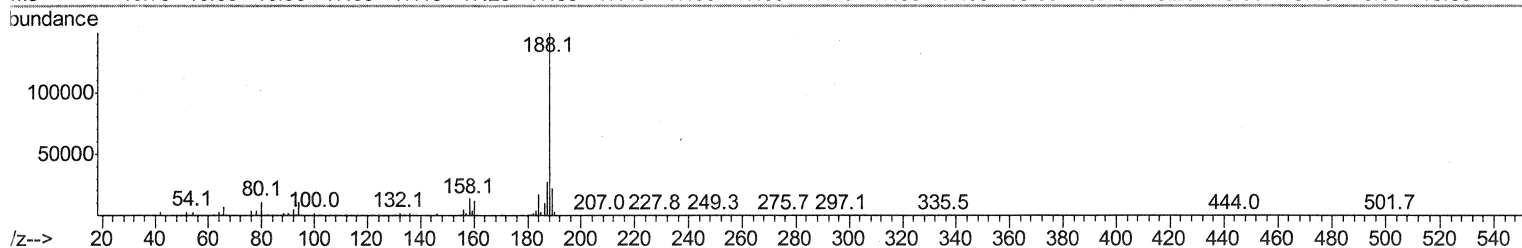
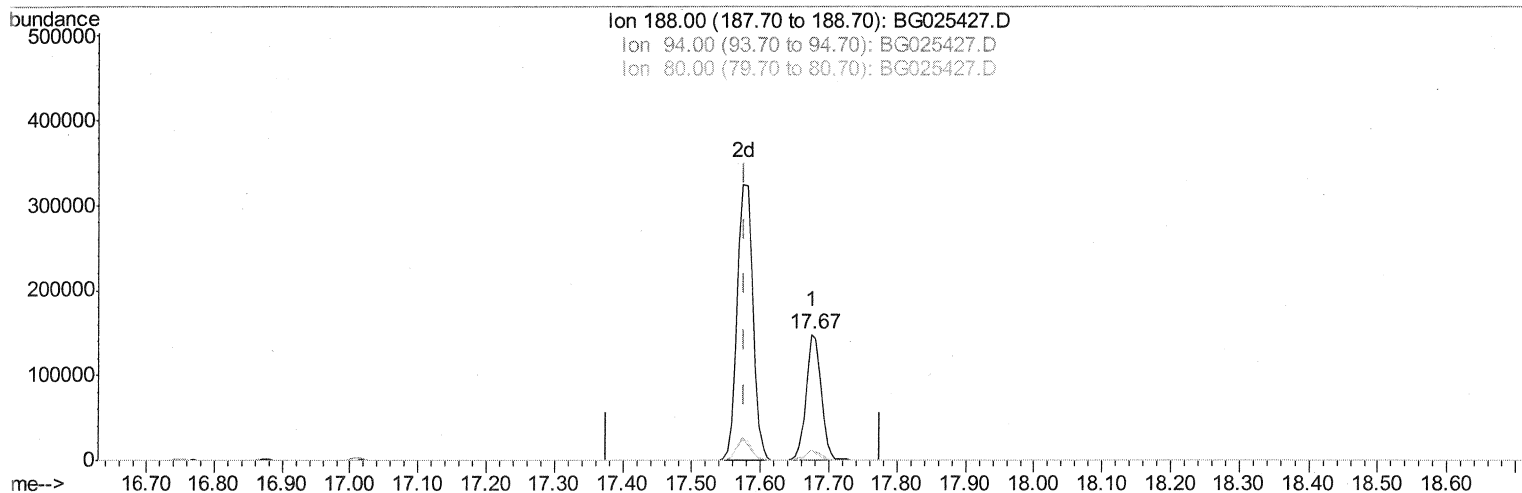
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SST01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:06:05 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(61) Phenanthrene-d10 (I)

17.675min (+0.098) 20.00ng/ul

response 223465

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	7.59
80.00	9.70	7.85
0.00	0.00	0.00

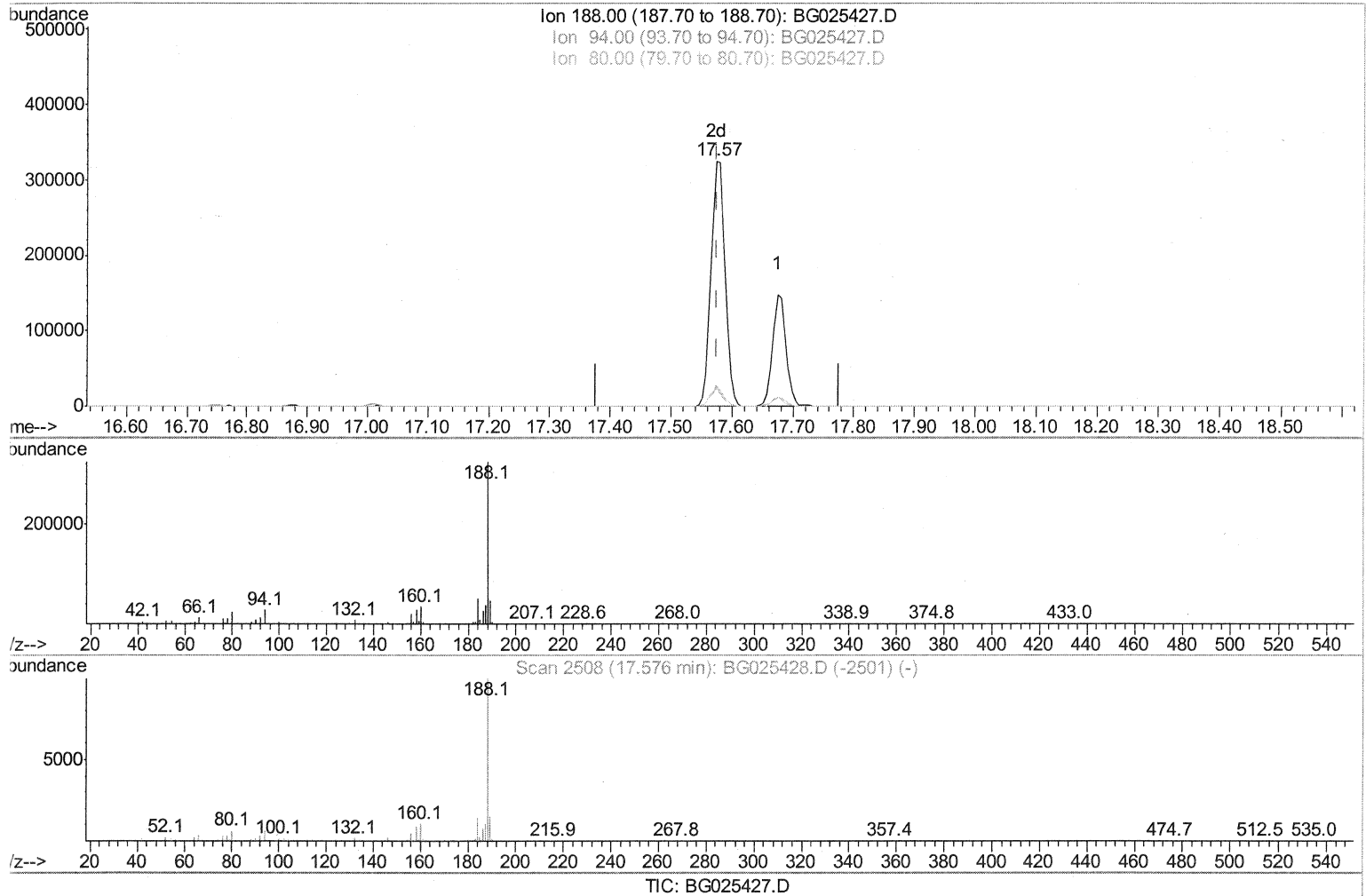
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



(61) Phenanthrene-d10 (I)

17.575min (-0.002) 20.00ng/ul m

SJ 1/17/17

response 518379

Ion	Exp%	Act%
188.00	100	100
94.00	9.00	8.84
80.00	9.70	7.49#
0.00	0.00	0.00

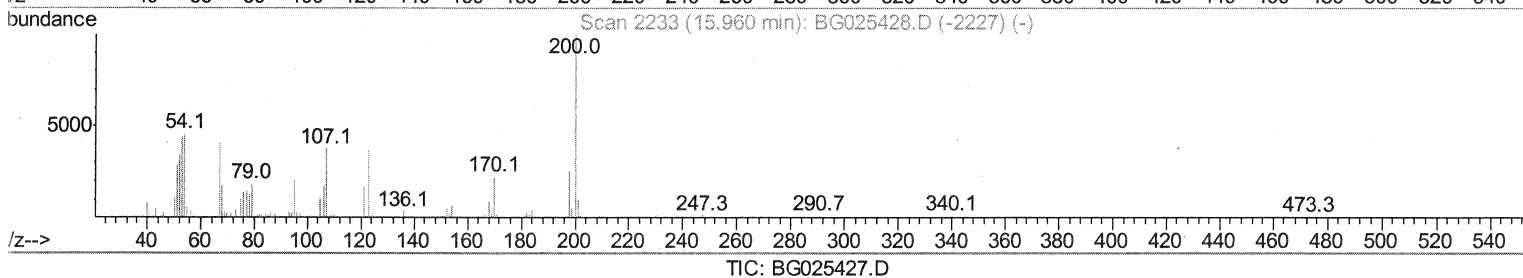
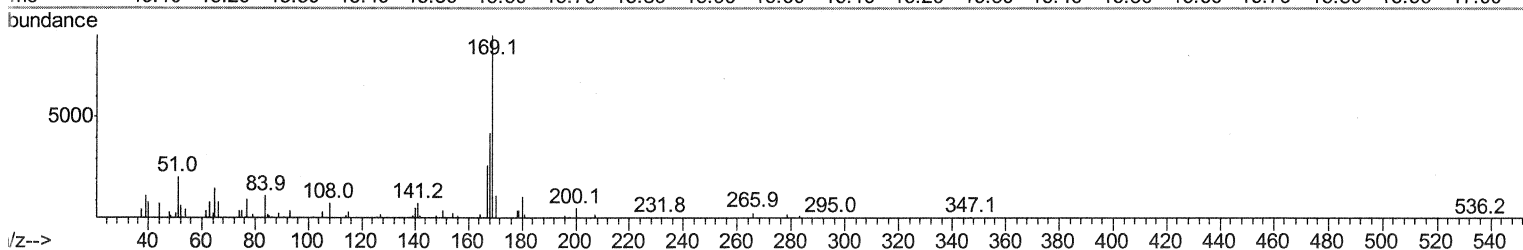
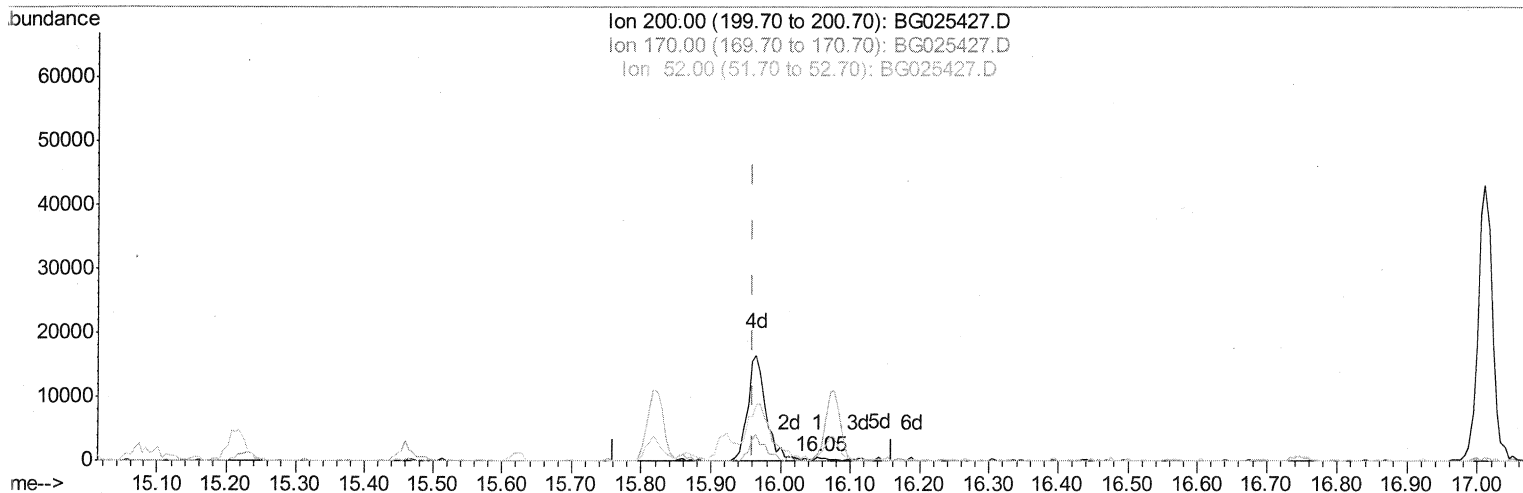
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

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

16.053min (+0.092) 0.22ng/ul

response 652

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	196.97#
52.00	33.60	123.89#
0.00	0.00	0.00

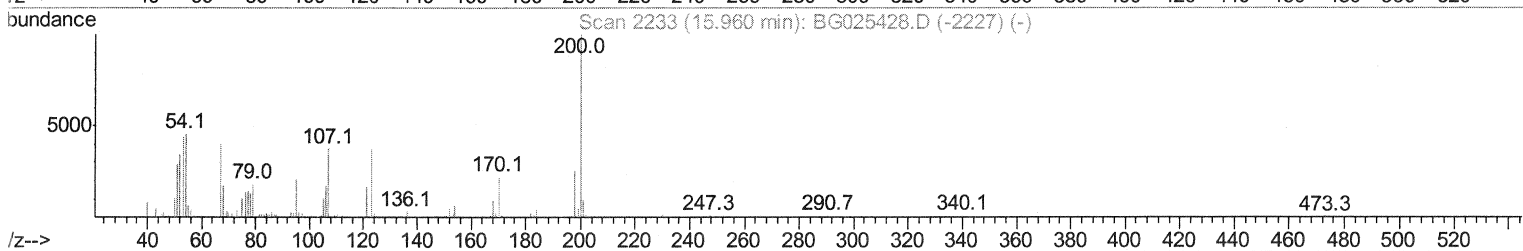
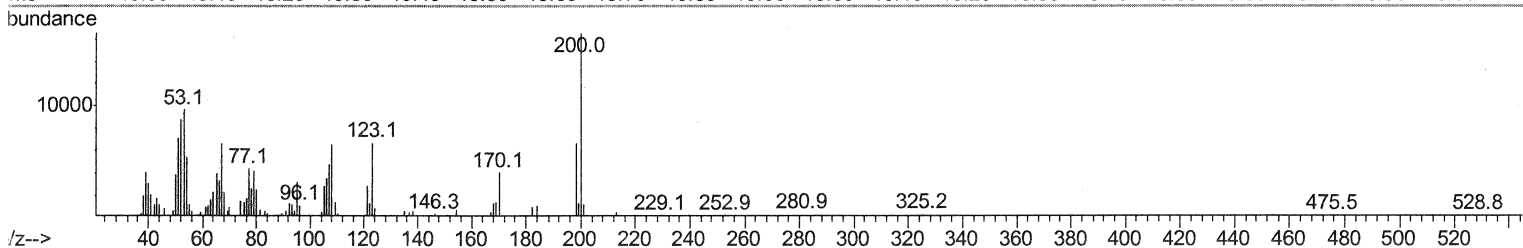
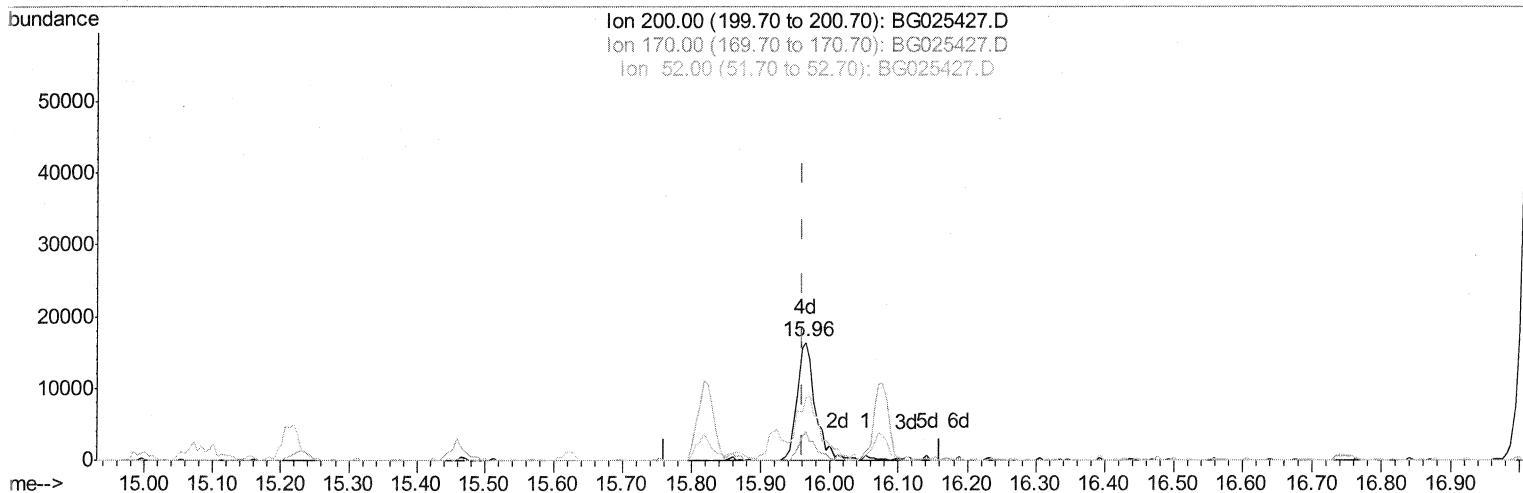
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

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

15.965min (+0.004) 9.72ng/ul m

51 1/17/17

response 29436

Ion	Exp%	Act%
200.00	100	100
170.00	22.40	24.66
52.00	33.60	53.23#
0.00	0.00	0.00

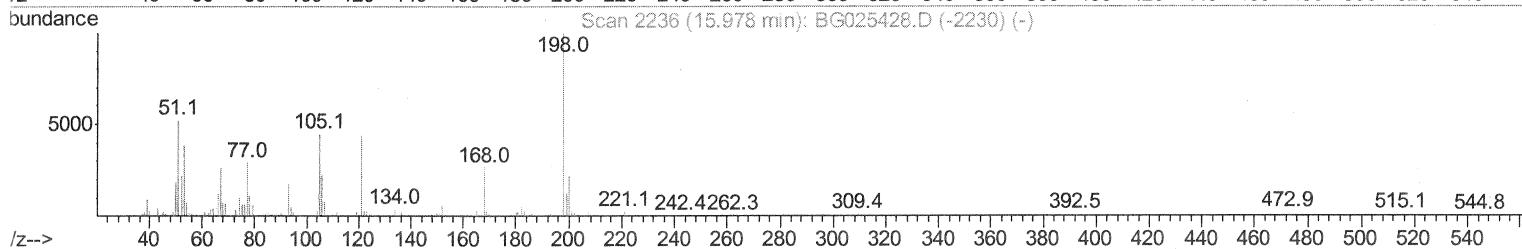
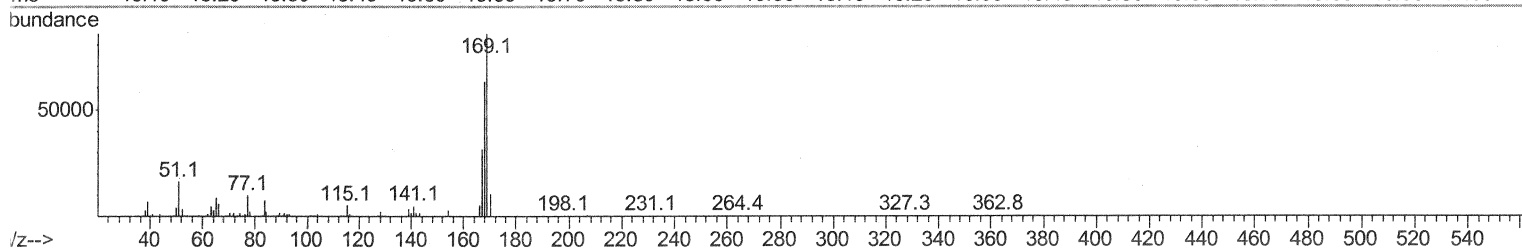
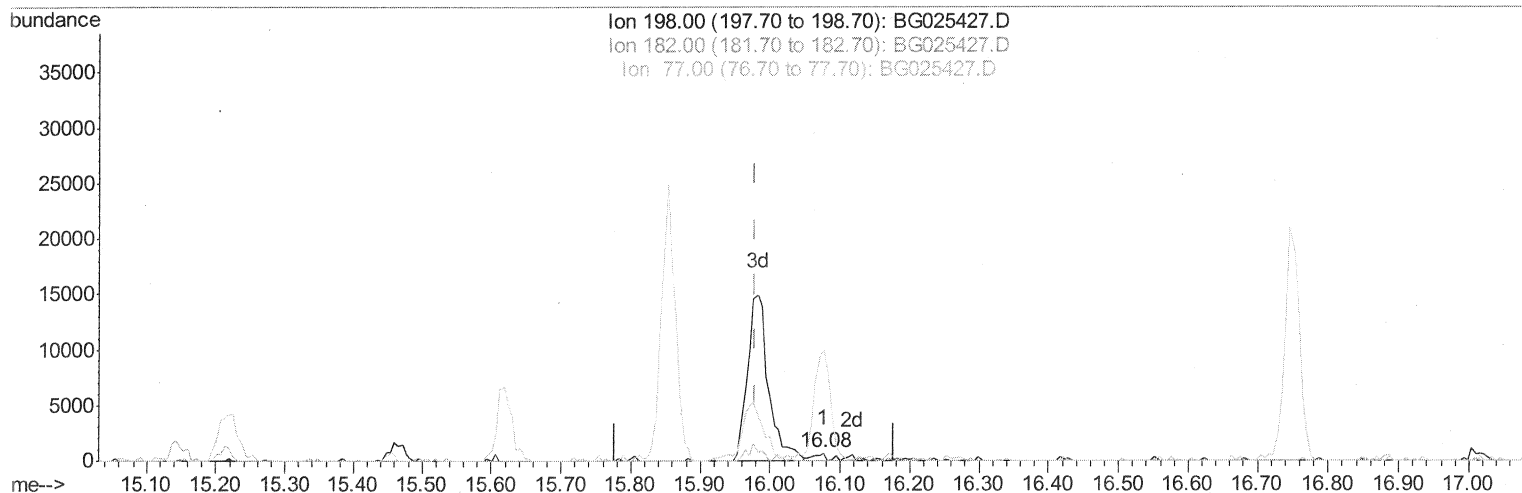
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(63) 4,6-Dinitro-2-methylphenol

16.076min (+0.098) 0.26ng/ul

response 808

Ion	Exp%	Act%
198.00	100	100
182.00	3.90	0.00#
77.00	25.10	1373.04#
0.00	0.00	0.00

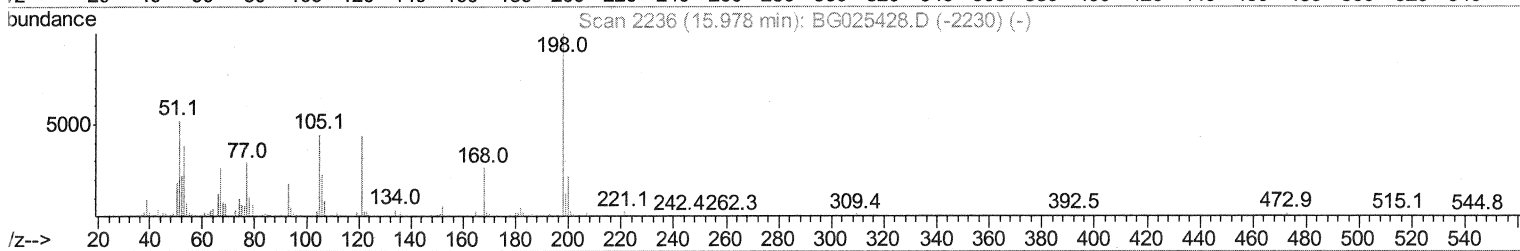
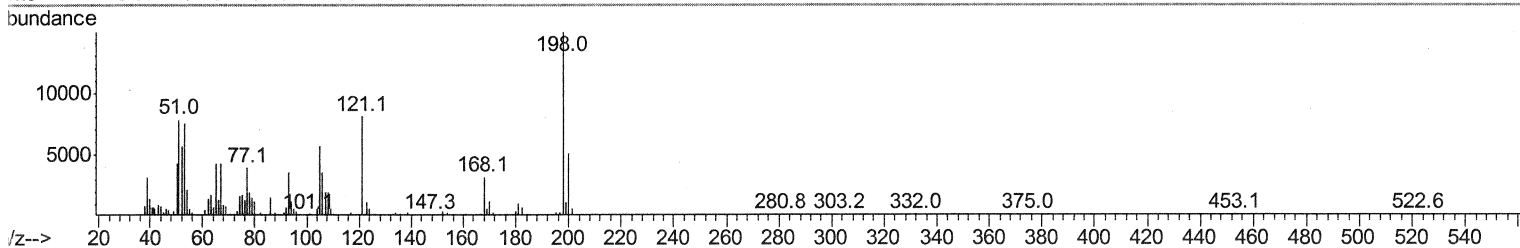
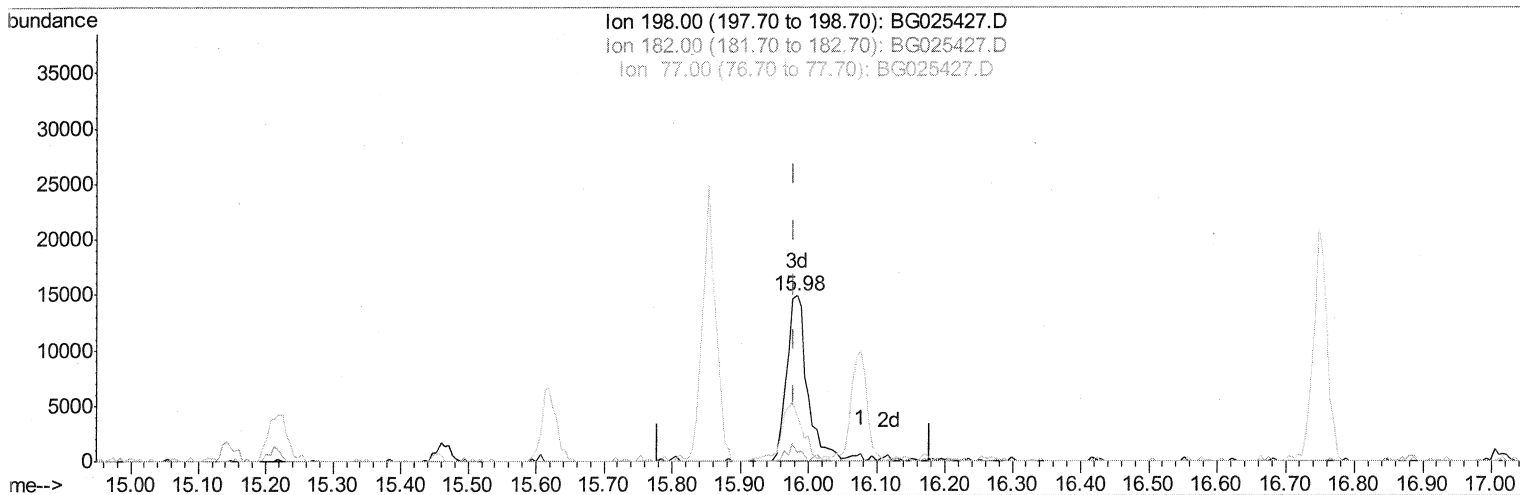
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(63) 4,6-Dinitro-2-methylphenol

15.982min (+0.004) 10.00ng/ul m

SJ 1/17/17

response 31209

Ion	Exp%	Act%
198.00	100	100
182.00	3.90	5.23#
77.00	25.10	26.68
0.00	0.00	0.00

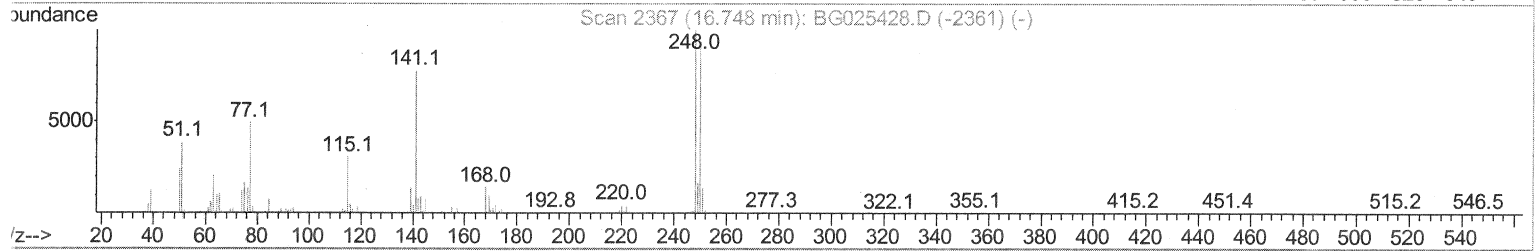
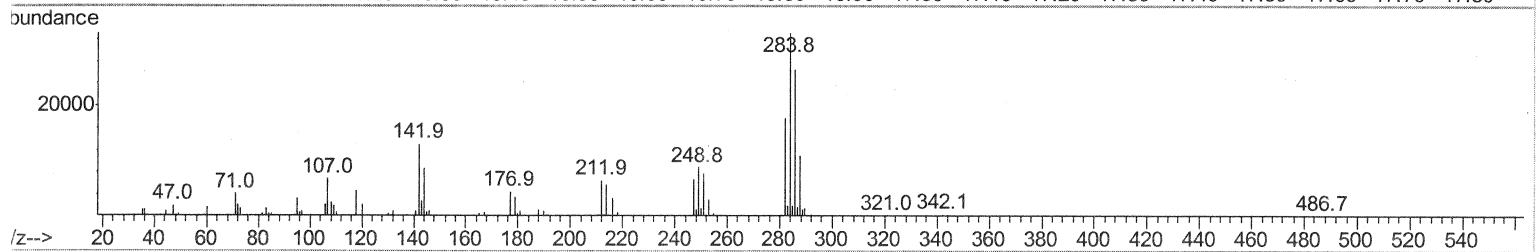
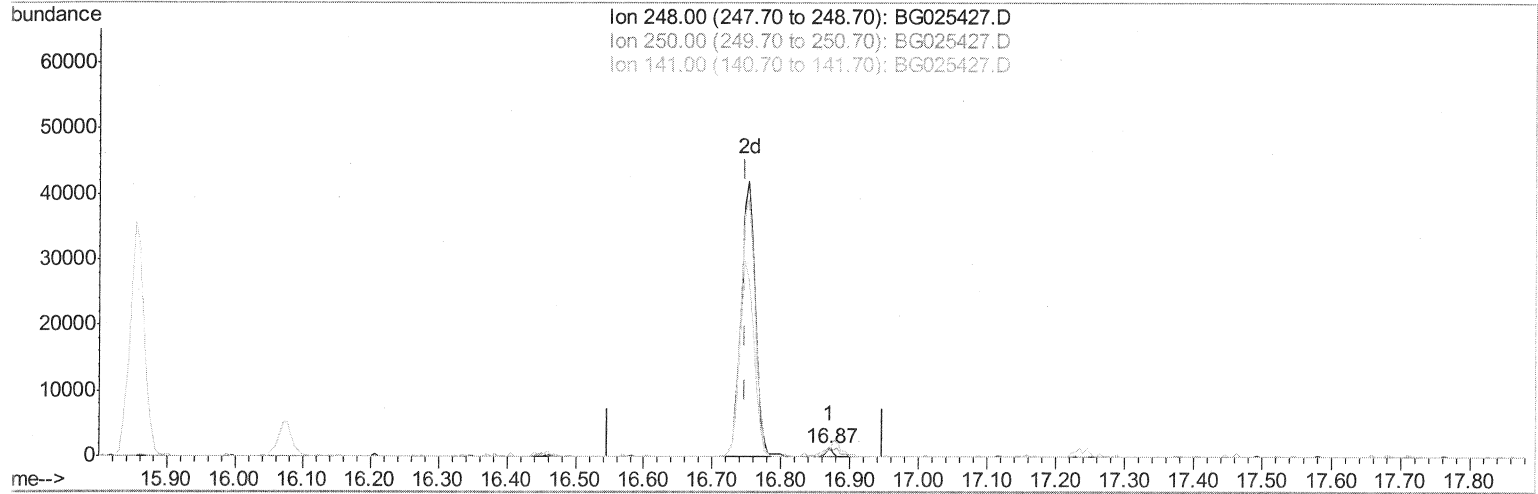
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(65) 4-Bromophenyl-phenylether

16.870min (+0.122) 0.14ng/ul

response 829

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	110.58
141.00	90.20	74.23
0.00	0.00	0.00

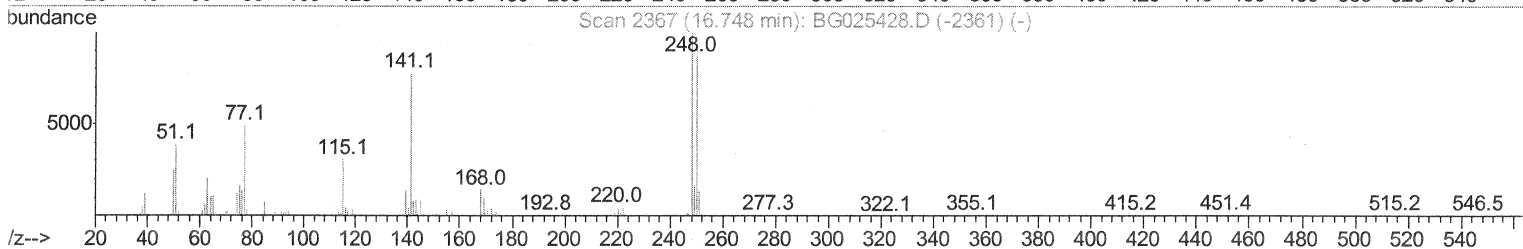
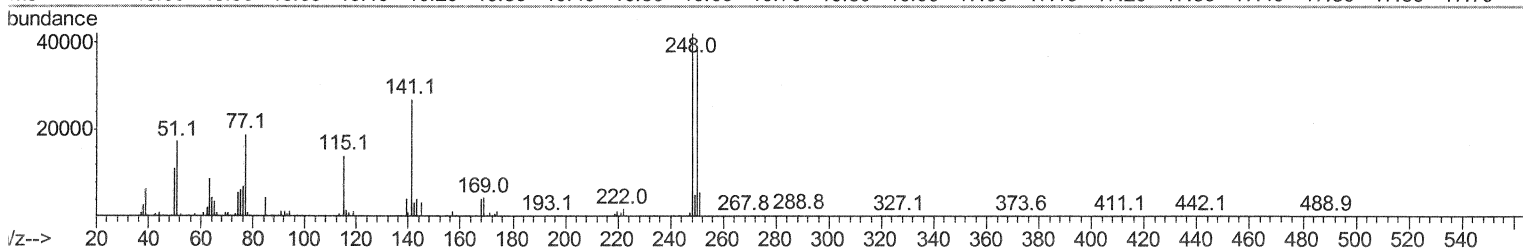
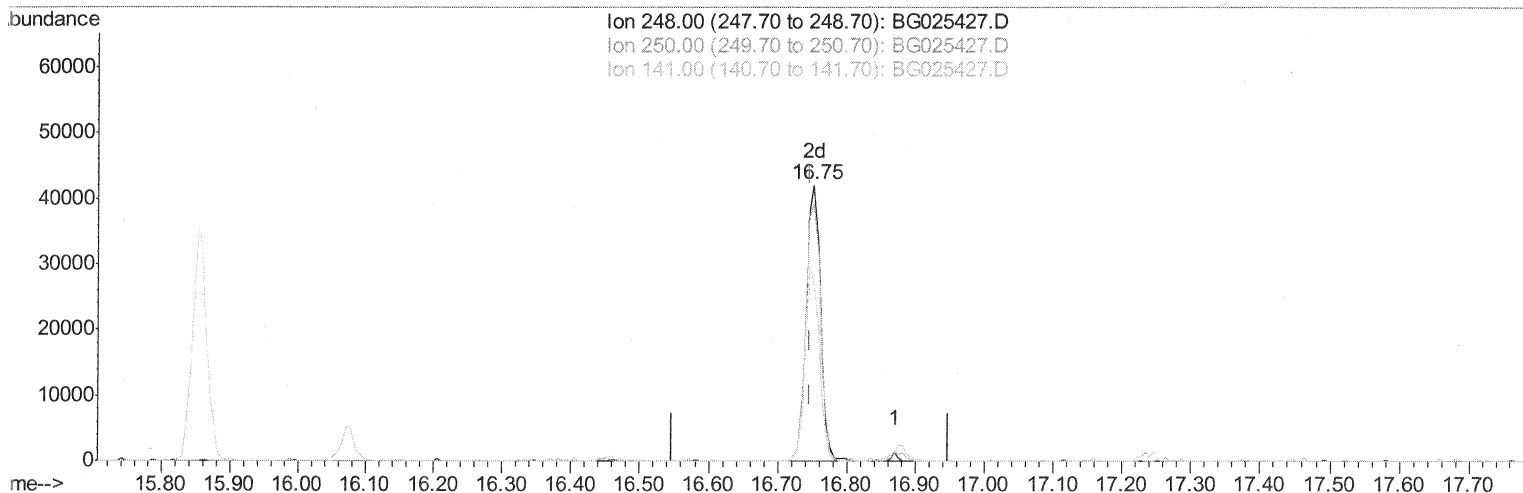
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(65) 4-Bromophenyl-phenylether

16.752min (+0.004) 10.43ng/ul m

53 1/17/17

response 60321

Ion	Exp%	Act%
248.00	100	100
250.00	98.40	93.02
141.00	90.20	63.95#
0.00	0.00	0.00

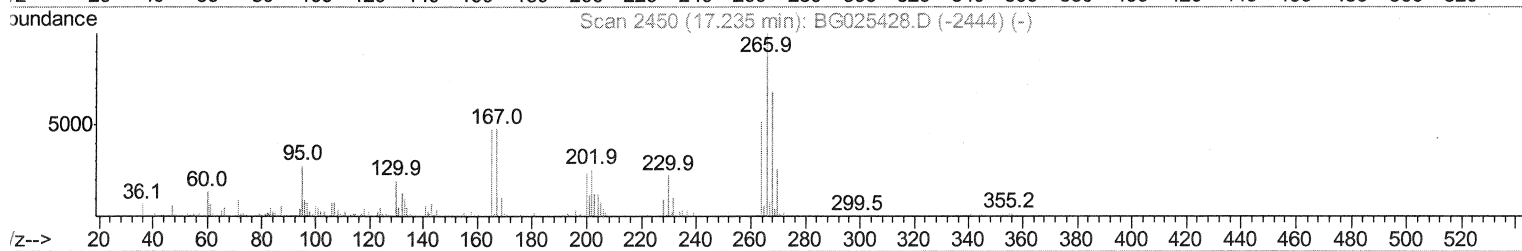
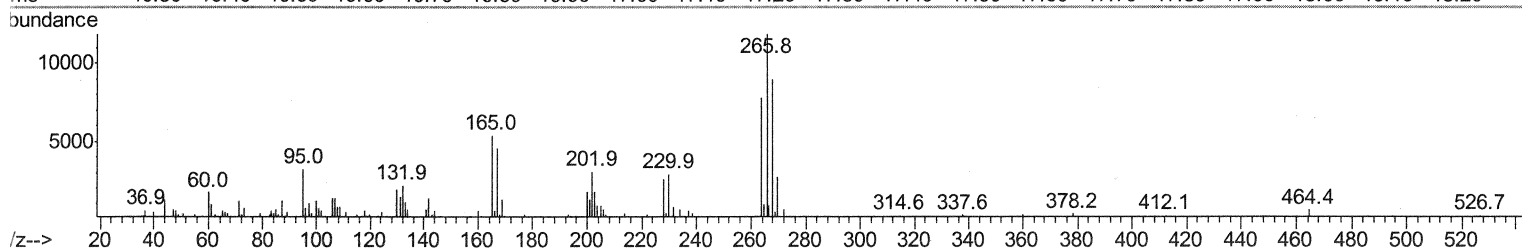
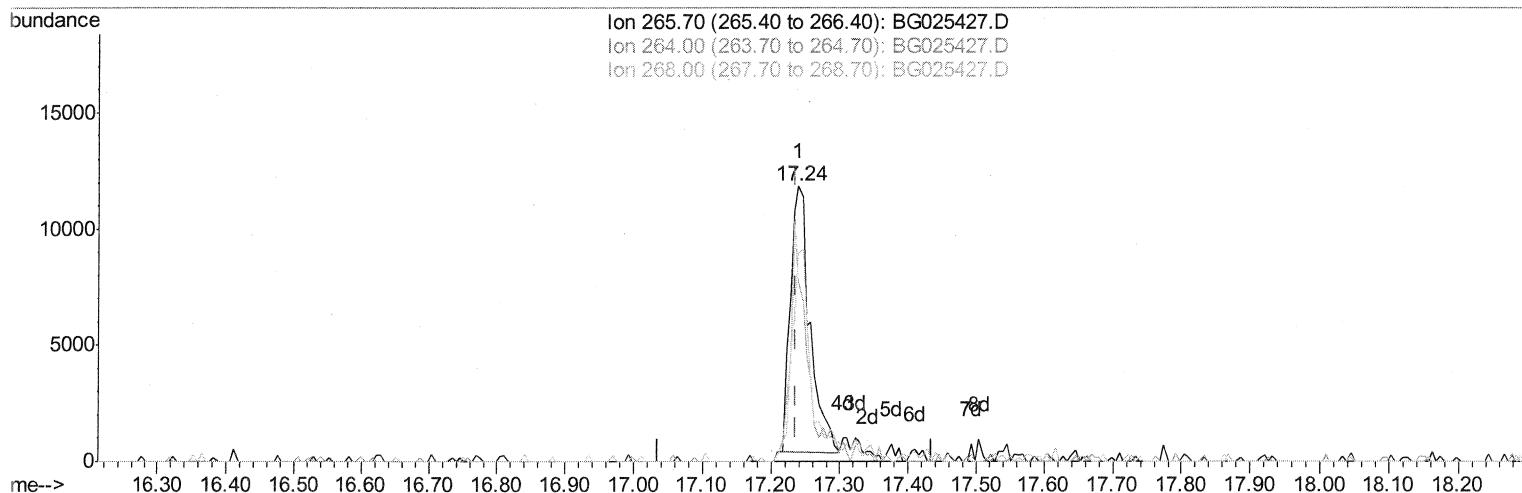
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(68) Pentachlorophenol (C)

17.240min (+0.004) 6.47ng/ul

response 22857

Ion	Exp%	Act%
265.70	100	100
264.00	63.10	65.57
268.00	63.60	75.60
0.00	0.00	0.00

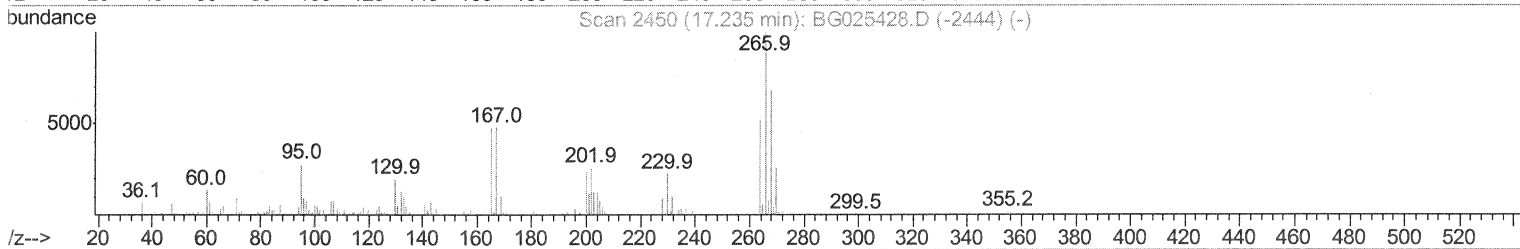
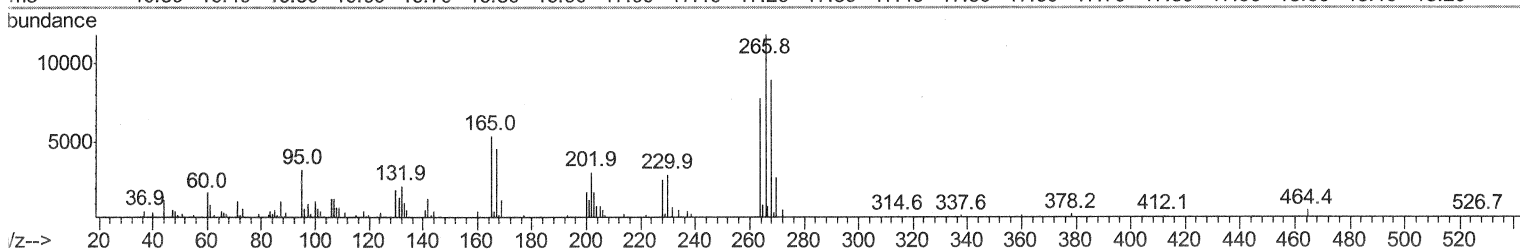
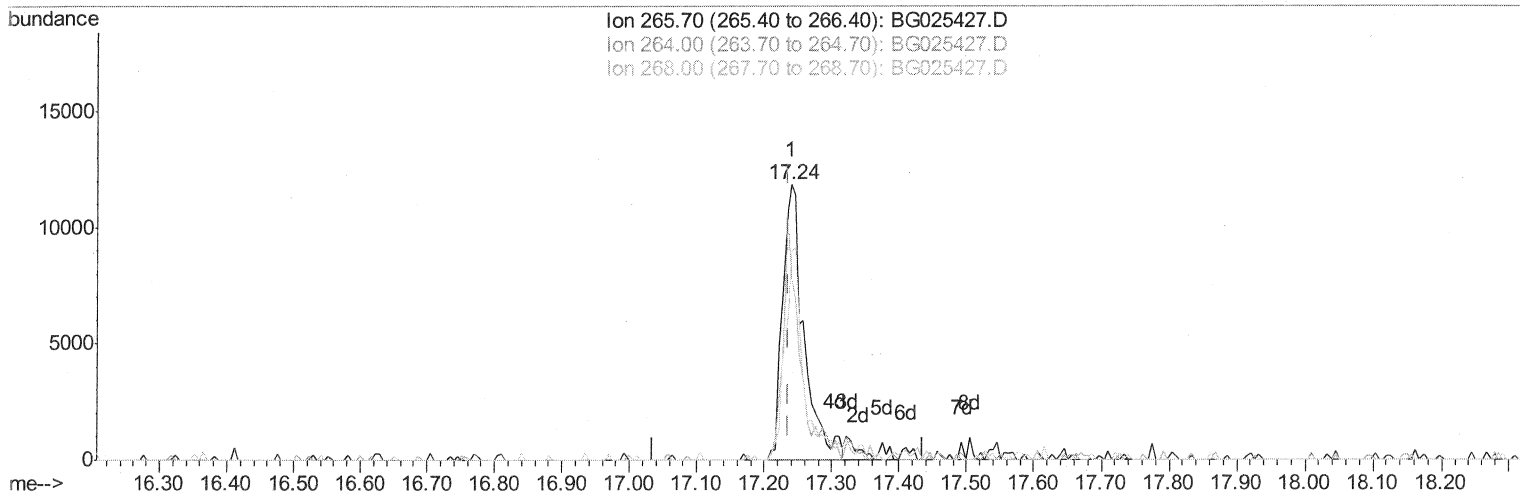
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(68) Pentachlorophenol (C)

17.240min (+0.004) 7.34ng/ul m

SJ 1/17/17

response 25945

Ion	Exp%	Act%
265.70	100	100
264.00	63.10	65.57
268.00	63.60	75.60
0.00	0.00	0.00

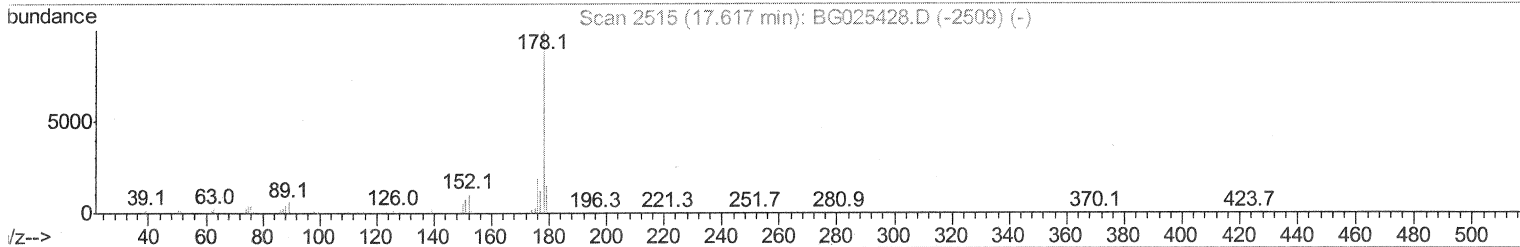
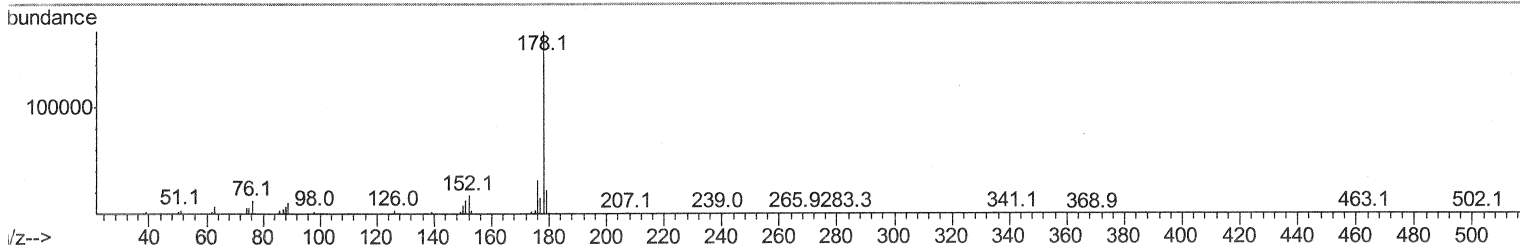
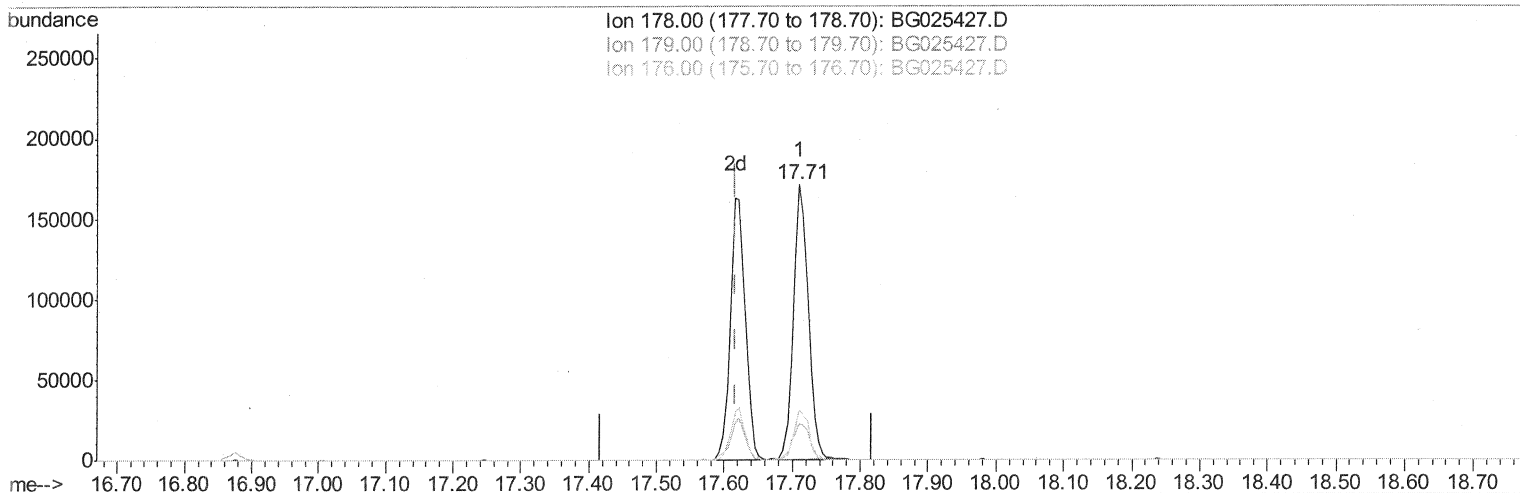
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SST01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(69) Phenanthrene

17.710min (+0.092) 9.85ng/ul

response 263170

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	13.29
176.00	19.50	18.40
0.00	0.00	0.00

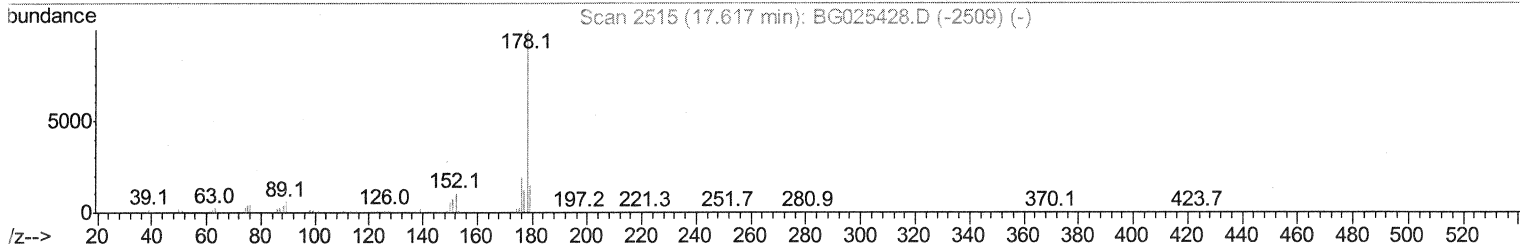
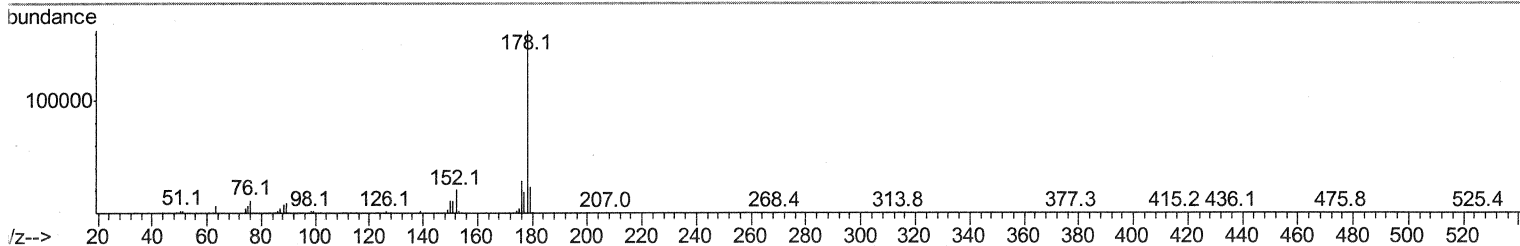
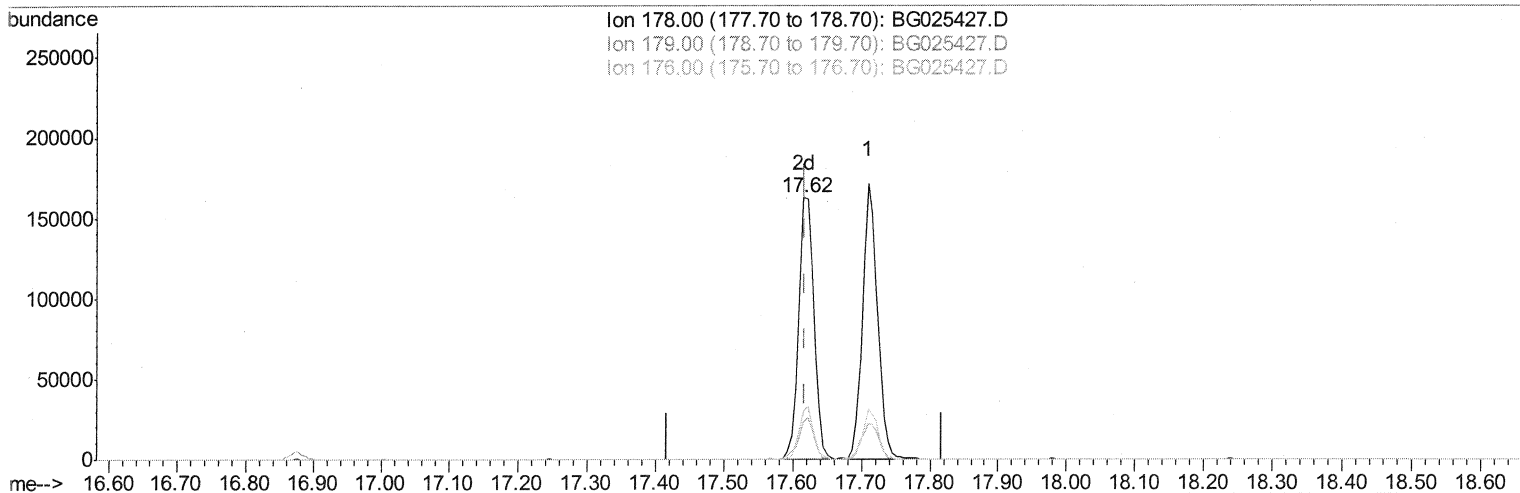
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
 Data File : BG025427.D
 Acq On : 4 Jan 2017 11:00
 Operator : UM/SJ
 Sample : SSTD01029
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD01029

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 12 12:00:59 2017
 Response via : Initial Calibration



TIC: BG025427.D

(69) Phenanthrene

17.616min (-0.002) 9.48ng/ul m

SJ 1/17/17

response 253394

Ion	Exp%	Act%
178.00	100	100
179.00	15.30	14.35
176.00	19.50	18.12
0.00	0.00	0.00

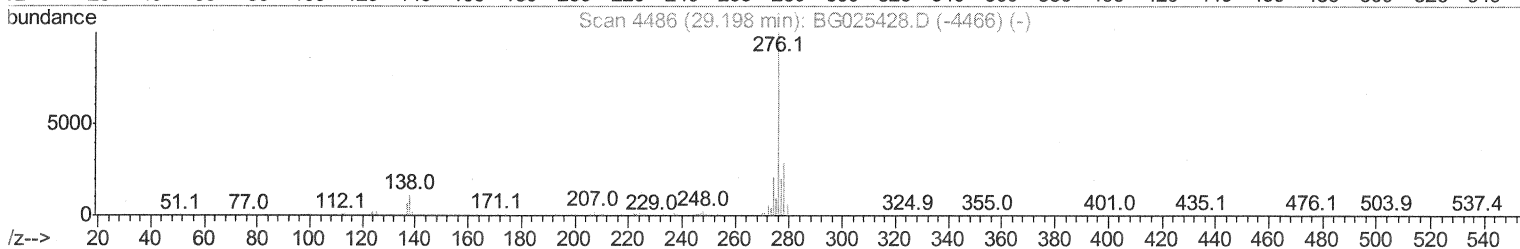
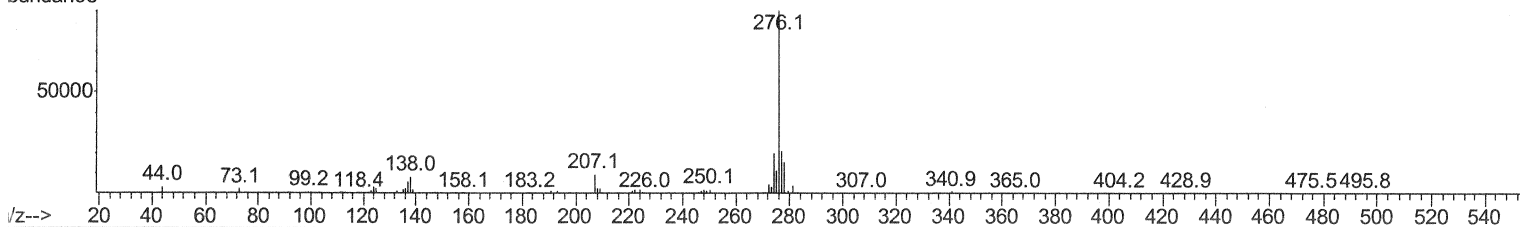
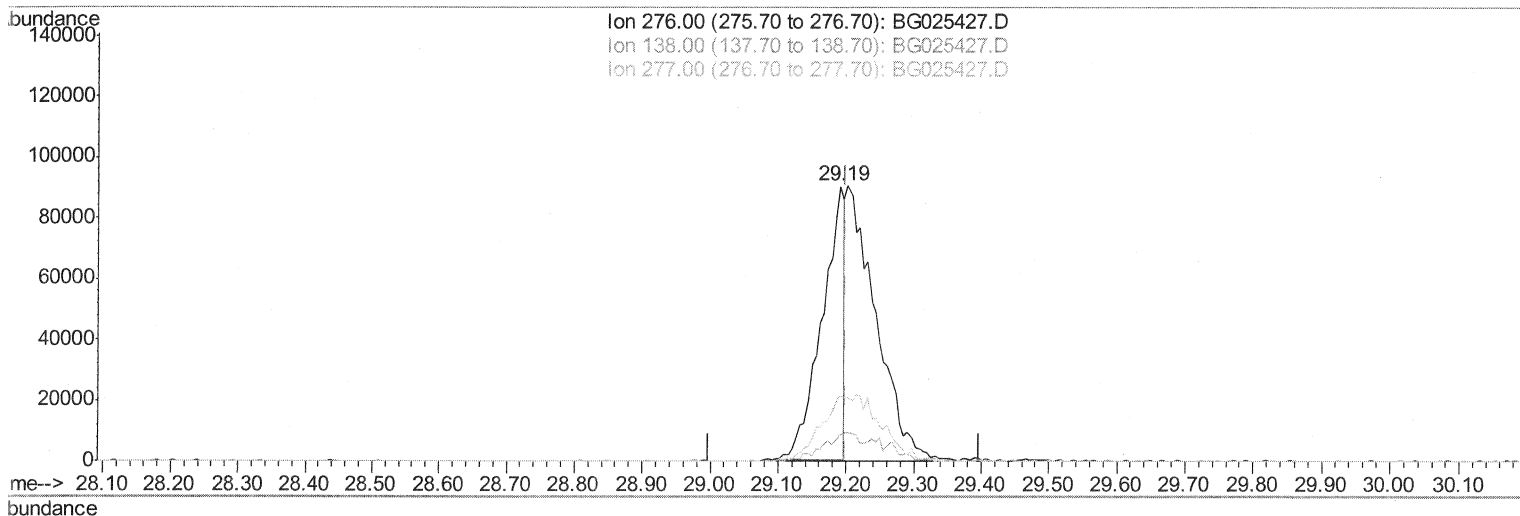
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(91) Indeno(1,2,3-cd)pyrene

29.190min (-0.007) 4.01ng/ul

response 212730

Ion	Exp%	Act%
276.00	100	100
138.00	27.90	9.42#
277.00	25.20	23.74
0.00	0.00	0.00

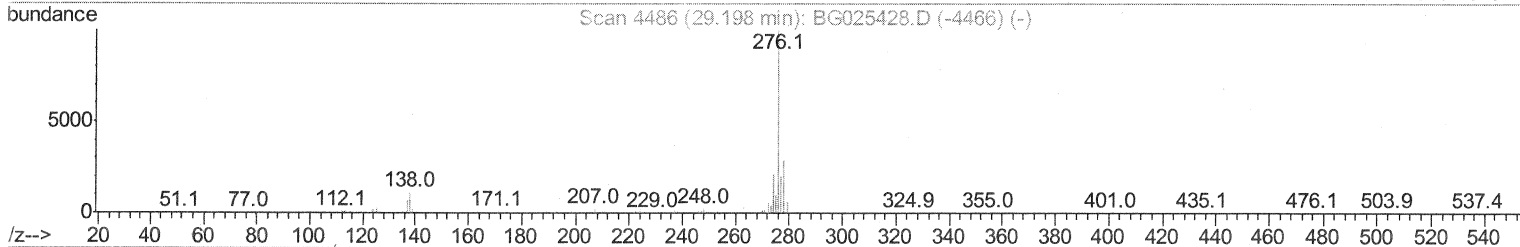
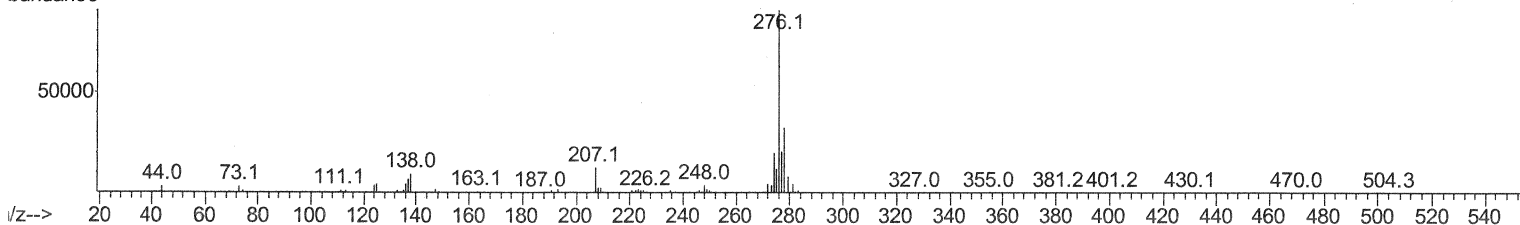
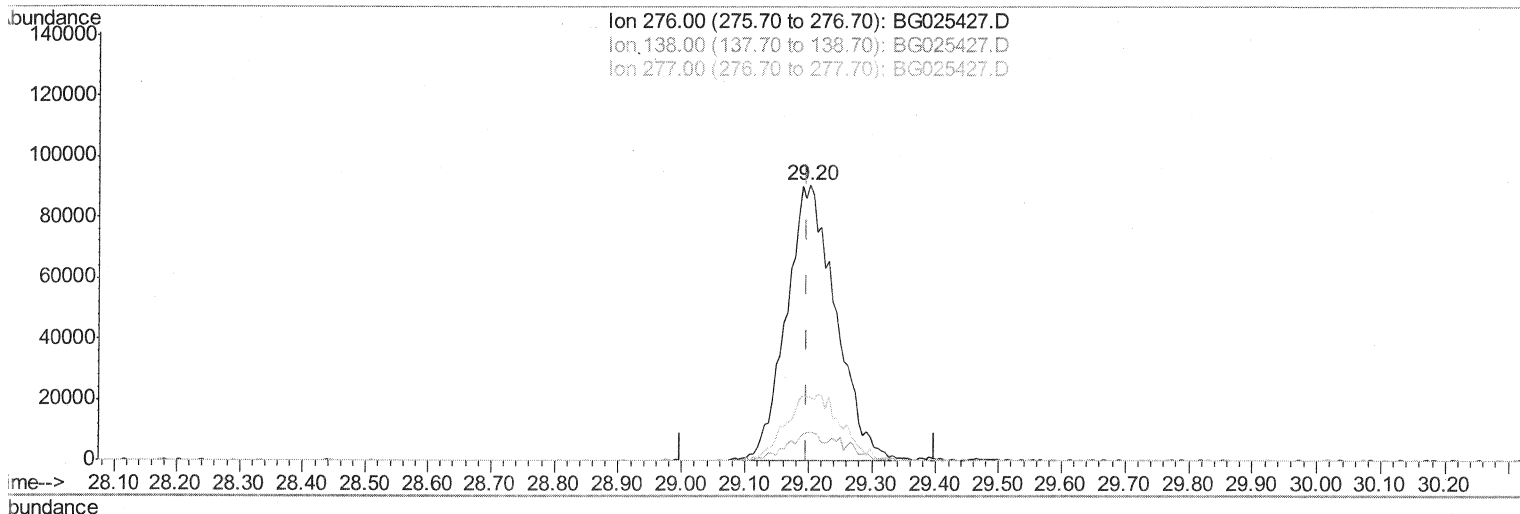
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SSTD01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(91) Indeno(1,2,3-cd)pyrene

29.202min (+0.004) 9.15ng/ul m

SJ 1/17/17

response 485058

Ion	Exp%	Act%
276.00	100	100
138.00	27.90	10.56#
277.00	25.20	23.05
0.00	0.00	0.00

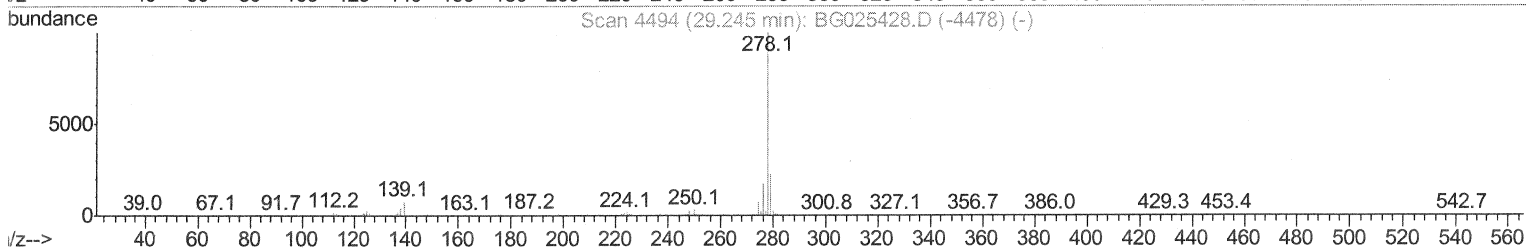
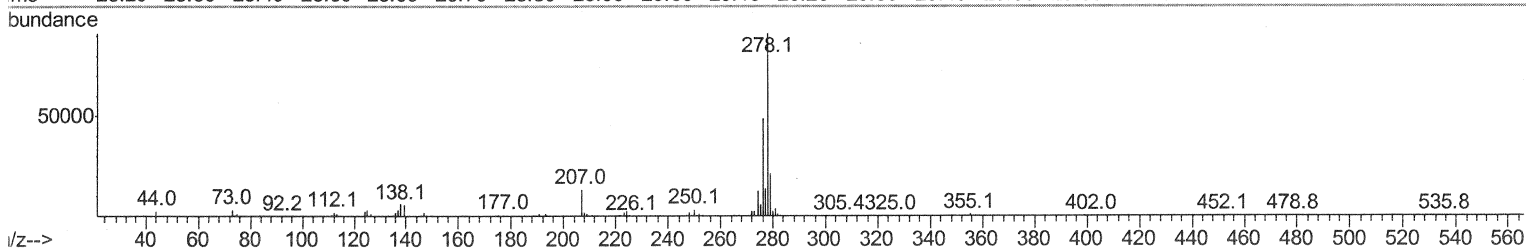
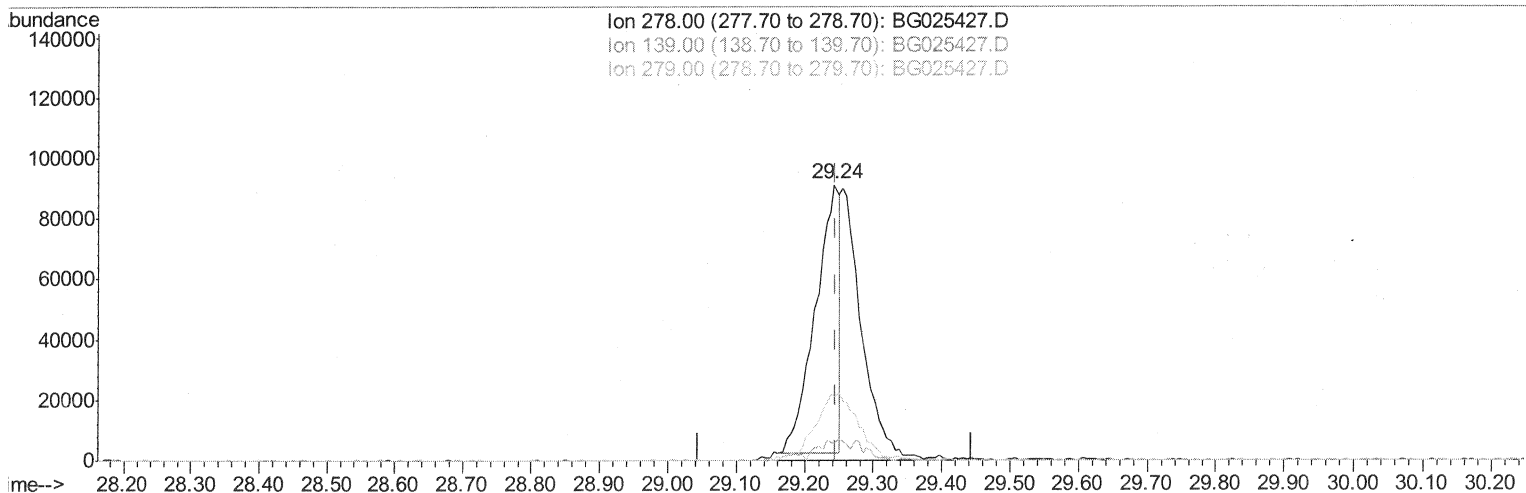
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(92) Dibenzo(a,h)anthracene

29.243min (-0.002) 4.83ng/ul

response 215690

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	6.56#
279.00	23.70	23.19
0.00	0.00	0.00

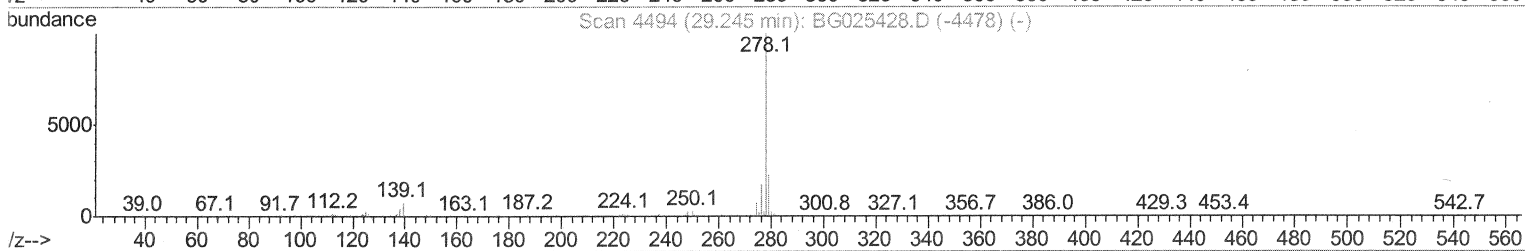
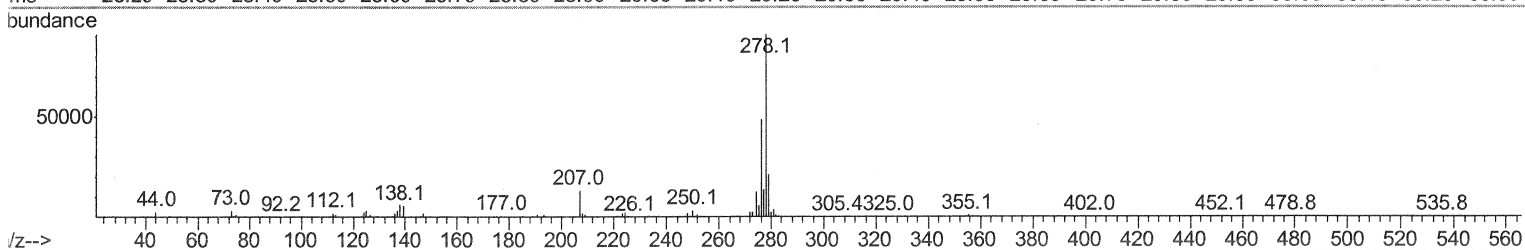
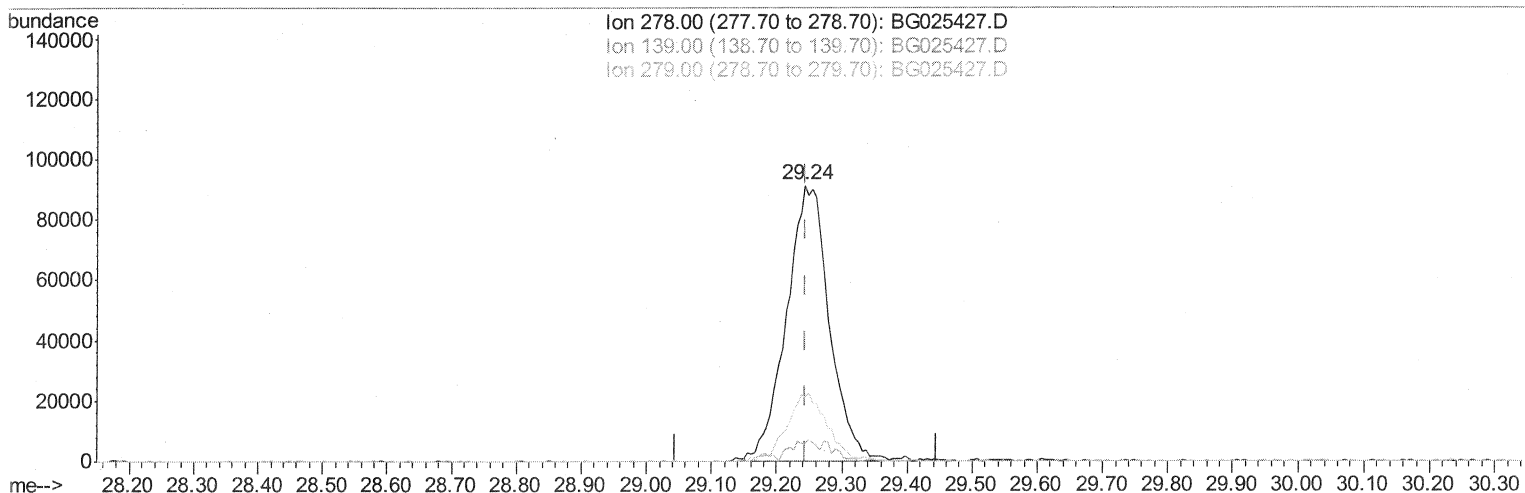
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(92) Dibenzo(a,h)anthracene

29.243min (-0.002) 9.33ng/ul m

53 1/17/17

response 416324

Ion	Exp%	Act%
278.00	100	100
139.00	17.40	6.56#
279.00	23.70	23.19
0.00	0.00	0.00

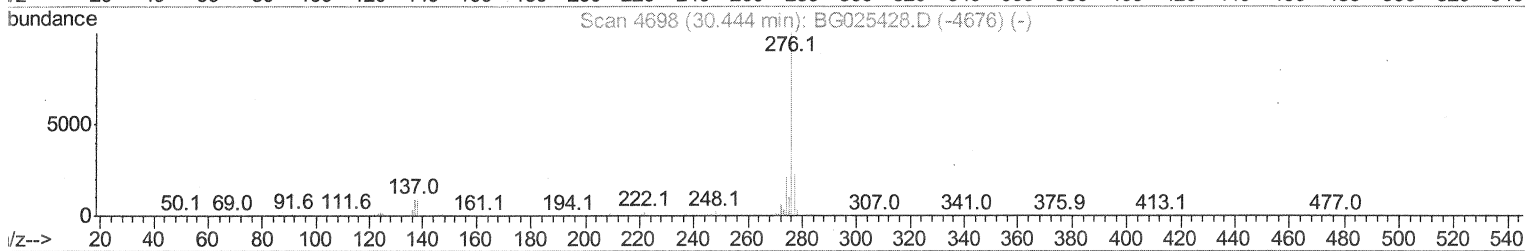
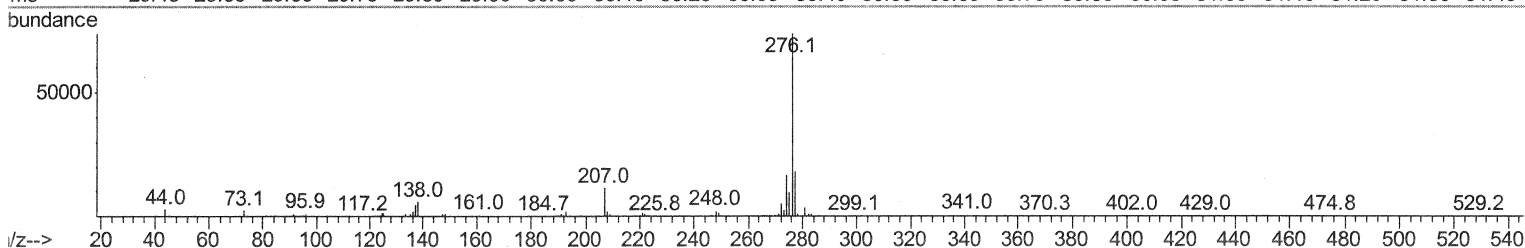
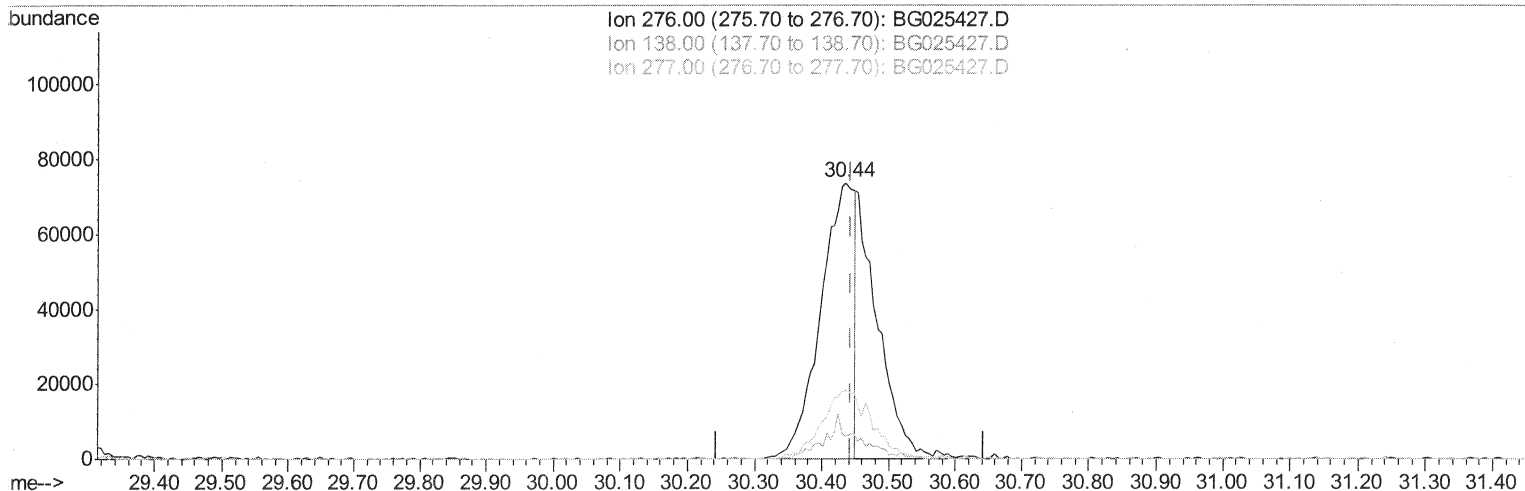
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(93) Benzo(g,h,i)perylene

30.436min (-0.007) 5.78ng/ul

response 255254

Ion	Exp%	Act%
276.00	100	100
138.00	23.60	8.32#
277.00	24.00	24.88
0.00	0.00	0.00

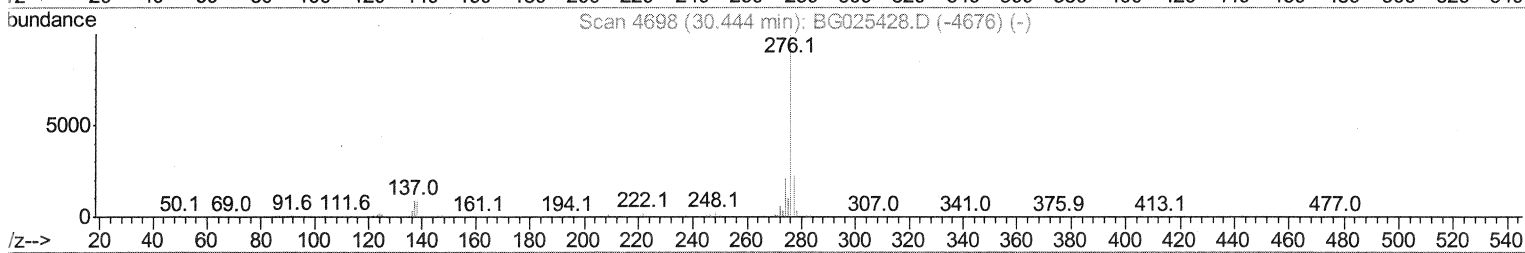
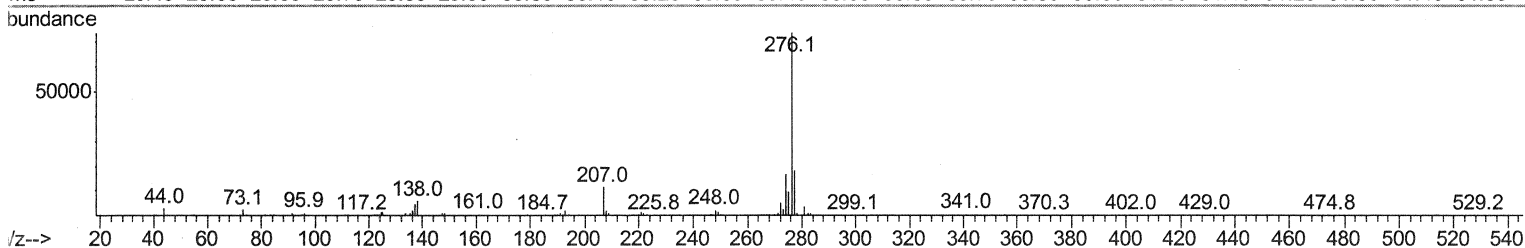
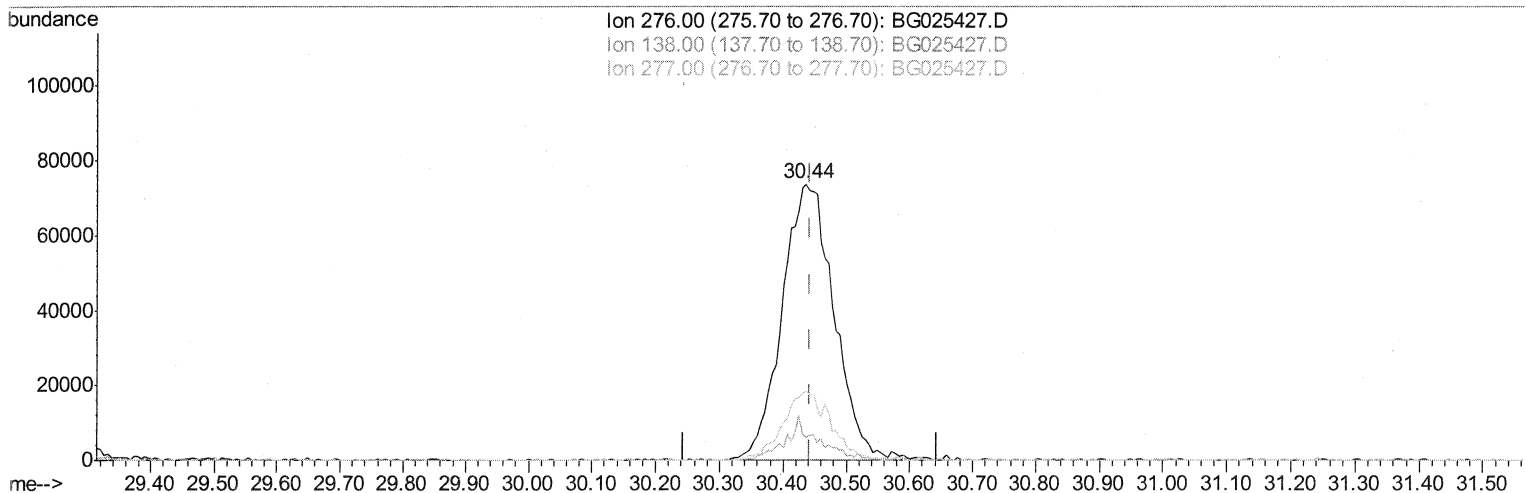
Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025427.D
Acq On : 4 Jan 2017 11:00
Operator : UM/SJ
Sample : SST01029
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD01029

Manual Integrations
APPROVED

Sohil
1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:31:26 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration



TIC: BG025427.D

(93) Benzo(g,h,i)perylene

30.436min (-0.007) 9.38ng/ul m

57 1/17/17

response 414354

Ion	Exp%	Act%
276.00	100	100
138.00	23.60	8.32#
277.00	24.00	24.88
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
 Data File : BG025427.D
 Acq On : 4 Jan 2017 11:00
 Operator : UM/SJ
 Sample : SST01029
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST01029

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 12 12:00:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	67802	20.00	ng/ul	0.01
18) Naphthalene-d8	11.04	136	292518	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	234451	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.57	188	518379m	20.00	ng/ul	0.00
77) Chrysene-d12	21.87	240	769364	20.00	ng/ul	0.00
85) Perylene-d12	25.27	264	835735	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	4329m	3.00	ng/uL	0.01
5) Phenol-d5	7.37	99	47910	9.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	31359	10.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	40875	10.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	42861	10.57	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	19574	9.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	23410	9.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	41612	9.58	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	53090	10.80	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	159479	10.35	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	169458	9.19	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	20356m	8.78	ng/ul	0.00
57) Fluorene-d10	15.82	176	141226	10.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	29436m	9.72	ng/ul	0.00
70) Anthracene-d10	17.67	188	223465	9.86	ng/ul	0.00
78) Pyrene-d10	19.95	212	296374	9.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.04	264	344502	9.81	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.59	88	5640	3.22	ng/uL# 44
4) Benzaldehyde	7.35	77	42199	12.13	ng/ul# 75
6) Phenol	7.39	94	53852	9.98	ng/ul# 72
8) Bis(2-Chloroethyl)ether	7.62	93	42194	10.30	ng/ul# 76
10) 2-Chlorophenol	7.77	128	38602	9.69	ng/ul# 80
11) 2-Methylphenol	8.66	108	39571	9.99	ng/ul 93
12) 2,2'-oxybis(1-Chloropropan	8.73	45	79046	17.09	ng/ul# 87
14) Acetophenone	9.04	105	66998	10.19	ng/ul# 82
15) N-Nitroso-di-n-propylamine	9.01	70	42730	12.67	ng/ul# 81
16) 4-Methylphenol	8.99	108	44372	10.36	ng/ul 80
17) Hexachloroethane	9.28	117	17966	9.87	ng/ul# 69
20) Nitrobenzene	9.43	77	63925	11.58	ng/ul# 73
21) Isophorone	9.94	82	108967	11.13	ng/ul# 92
23) 2-Nitrophenol	10.15	139	23537	9.68	ng/ul# 71
24) 2,4-Dimethylphenol	10.20	107	54588	10.12	ng/ul 87
25) Bis(2-Chloroethoxy)methane	10.42	93	56977	10.02	ng/ul# 88
27) 2,4-Dichlorophenol	10.69	162	42727	9.85	ng/ul 88
28) Naphthalene	11.08	128	130654	9.40	ng/ul 96
30) 4-Chloroaniline	11.21	127	52250	10.52	ng/ul 94
31) Hexachlorobutadiene	11.34	225	43722	12.43	ng/ul 93
32) Caprolactam	11.97	113	16651	12.49	ng/ul# 42
33) 4-Chloro-3-methylphenol	12.32	107	50882	10.88	ng/ul 94
34) 2-Methylnaphthalene	12.67	142	97699	9.79	ng/ul 98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
 Data File : BG025427.D
 Acq On : 4 Jan 2017 11:00
 Operator : UM/SJ
 Sample : SST01029
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST01029

Manual Integrations
 APPROVED

Sohil
 1/13/2017 11:57:36 AM

Quant Time: Jan 12 12:35:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 12 12:00:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QI on	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.04	216	78410	10.67	ng/ul	96
37) Hexachlorocyclopentadiene	13.00	237	17996	6.36	ng/ul	93
38) 2,4,6-Trichlorophenol	13.29	196	40645	9.57	ng/ul	92
39) 2,4,5-Trichlorophenol	13.37	196	42289	9.37	ng/ul	94
40) 1,1'-Biphenyl	13.67	154	141995	9.14	ng/ul	96
41) 2-Chloronaphthalene	13.72	162	112255	9.36	ng/ul	97
42) 2-Nitroaniline	13.94	65	41128	11.45	ng/ul#	61
44) Dimethylphthalate	14.27	163	152529	10.11	ng/ul#	99
45) 2,6-Dinitrotoluene	14.41	165	31386	10.60	ng/ul#	79
47) Acenaphthylene	14.55	152	168597	9.02	ng/ul	94
48) 3-Nitroaniline	14.77	138	24911	8.58	ng/ul#	86
49) Acenaphthene	14.90	153	116631	9.07	ng/ul	94
50) 2,4-Dinitrophenol	14.99	184	11309	6.71	ng/ul#	81
52) 4-Nitrophenol	15.08	109	24255	10.50	ng/ul#	59
53) Dibenzofuran	15.23	168	185915	10.00	ng/ul	97
54) 2,4-Dinitrotoluene	15.22	165	46067	10.52	ng/ul#	53
55) 2,3,4,6-Tetrachlorophenol	15.46	232	43621	10.33	ng/ul#	91
56) Diethylphthalate	15.62	149	157888	10.45	ng/ul#	95
58) Fluorene	15.88	166	146505	9.64	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.85	204	81534	10.01	ng/ul	93
60) 4-Nitroaniline	15.92	138	24760	9.35	ng/ul#	47
63) 4,6-Dinitro-2-methylphenol	15.98	198	31209m)	10.00	ng/ul	97
64) N-Nitrosodiphenylamine	16.07	169	133268	9.36	ng/ul	
65) 4-Bromophenyl-phenylether	16.75	248	60321m)	10.43	ng/ul	
66) Hexachlorobenzene	16.88	284	69428	10.76	ng/ul	
67) Atrazine	17.01	200	62294	10.77	ng/ul#	
68) Pentachlorophenol	17.24	266	25945m)	7.34	ng/ul	86
69) Phenanthrene	17.62	178	253394m)	9.48	ng/ul	
71) Anthracene	17.71	178	262508	9.72	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	70320	9.06	ng/uL	97
73) Pentachlorobenzene	15.15	250	77114	9.84	ng/uL	98
74) Carbazole	17.99	167	218185	9.23	ng/ul	98
75) Di-n-butylphthalate	18.50	149	276460	10.19	ng/ul#	96
76) Fluoranthene	19.62	202	343061	10.58	ng/ul#	90
79) Pyrene	19.98	202	349950	9.14	ng/ul#	89
80) Butylbenzylphthalate	20.83	149	141934	10.03	ng/ul#	81
81) 3,3'-Dichlorobenzidine	21.76	252	155424	11.82	ng/ul#	87
82) Benzo(a)anthracene	21.85	228	402627	10.07	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.69	149	206809	9.97	ng/ul#	95
84) Chrysene	21.92	228	389090	10.13	ng/ul	99
86) Di-n-octyl phthalate	22.94	149	349717	8.57	ng/ul#	88
87) Benzo(b)fluoranthene	24.18	252	410066	9.18	ng/ul#	95
88) Benzo(k)fluoranthene	24.25	252	392863	9.07	ng/ul#	94
90) Benzo(a)pyrene	25.11	252	389329	9.00	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	29.20	276	485058m)	9.15	ng/ul	97
92) Dibenzo(a,h)anthracene	29.24	278	416324m)	9.33	ng/ul	
93) Benzo(g,h,i)perylene	30.44	276	414354m)	9.38	ng/ul	

57 1/17/17

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