

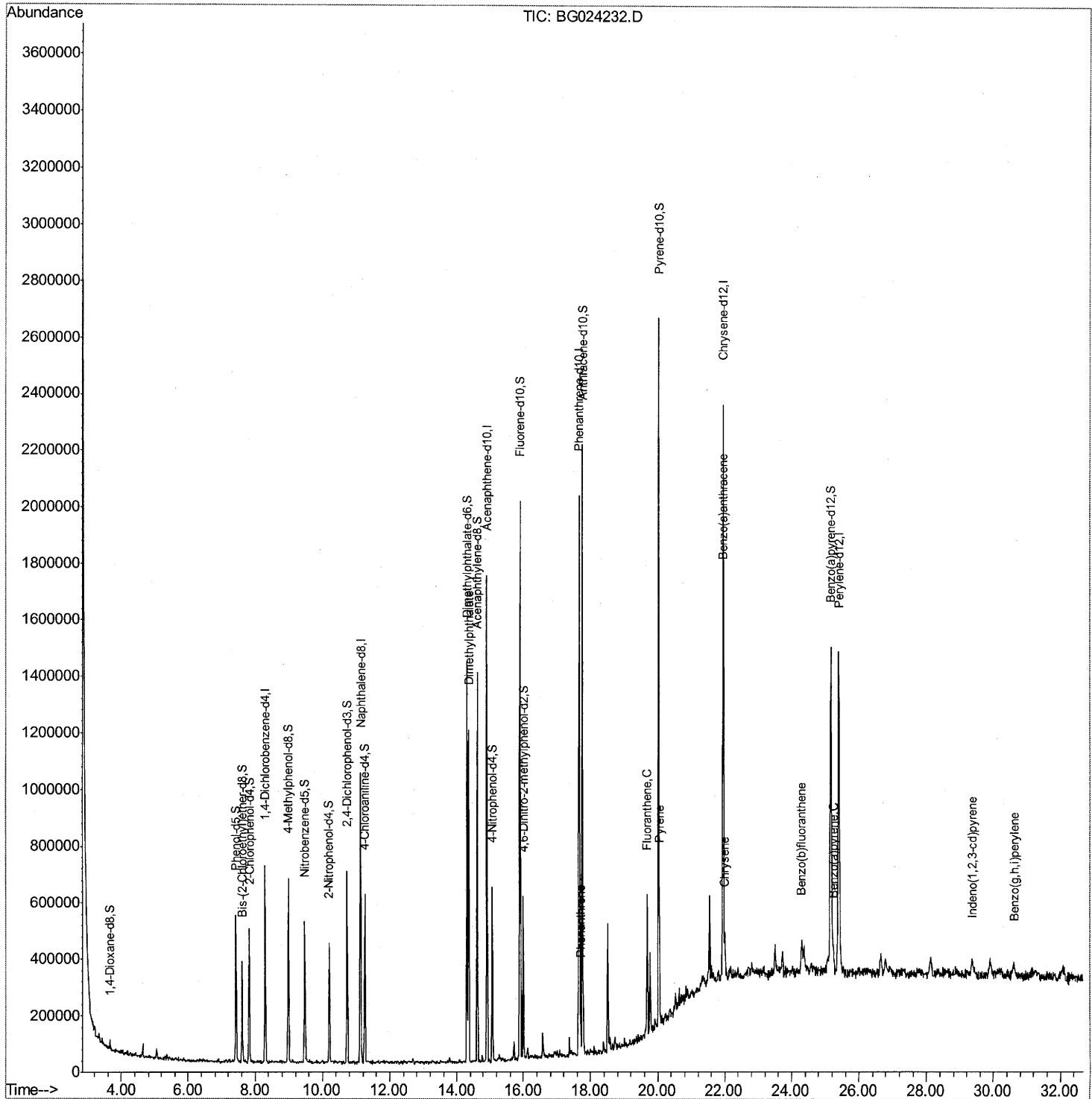
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024232.D
Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
P001-BF003-0006-01

Manual Integrations
APPROVED

sohil
10/7/2016 7:01:34 PM

Quant Time: Oct 07 14:05:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



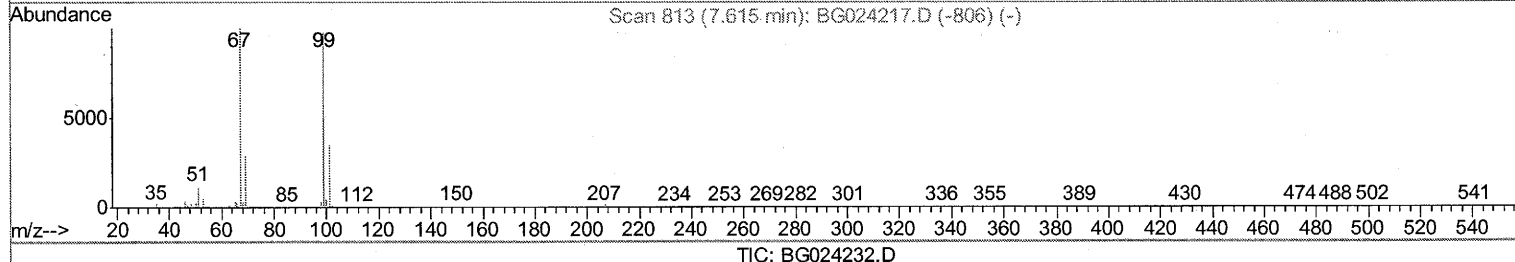
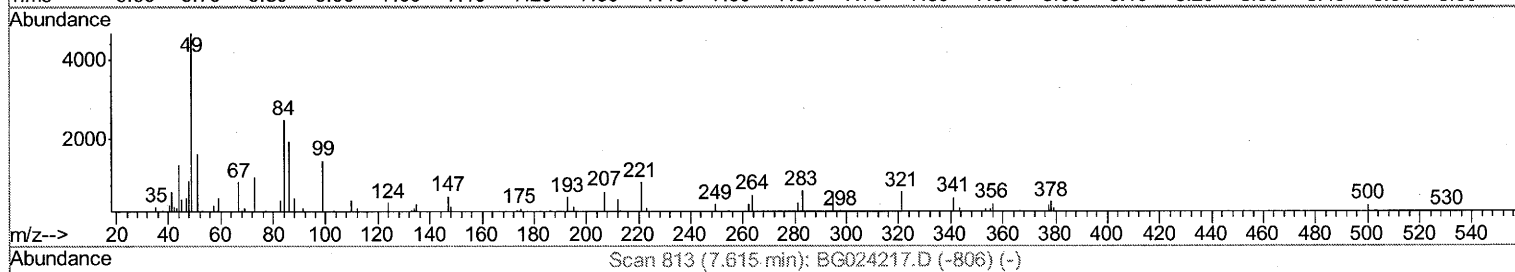
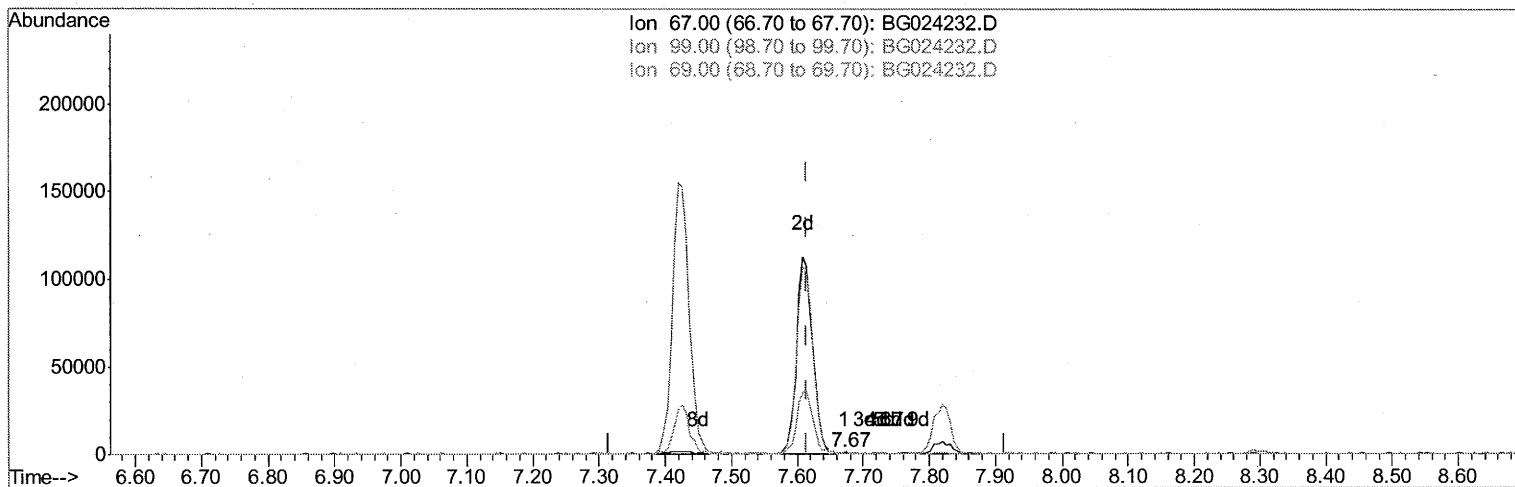
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Manual Integrations
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Quant Time: Oct 07 13:59:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.673min (+0.058) 0.10ng/ul

response 1189

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	159.91
69.00	34.00	28.62
0.00	0.00	0.00

Quantitation Report (Qedit)

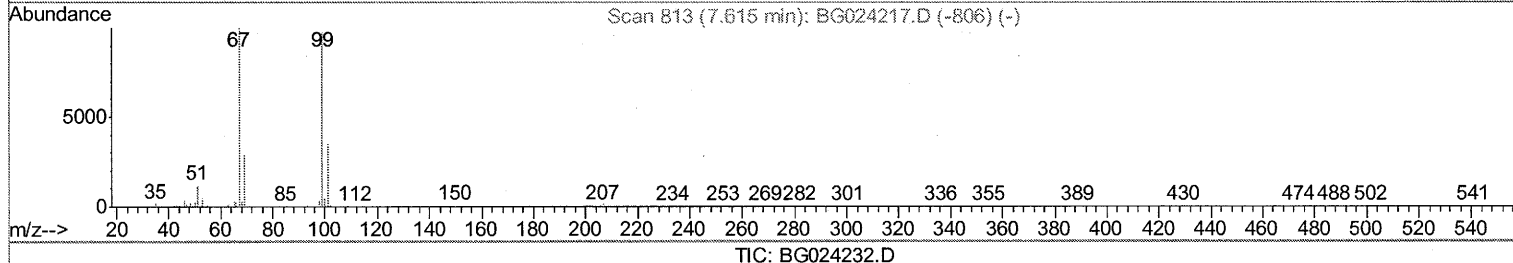
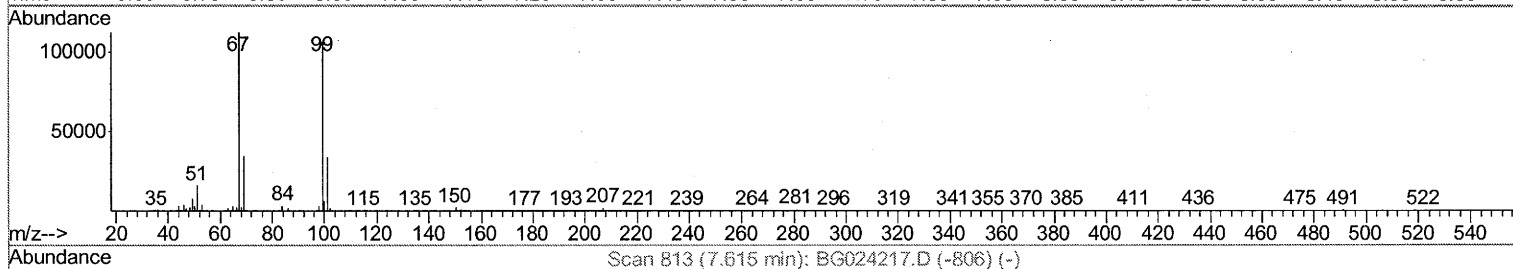
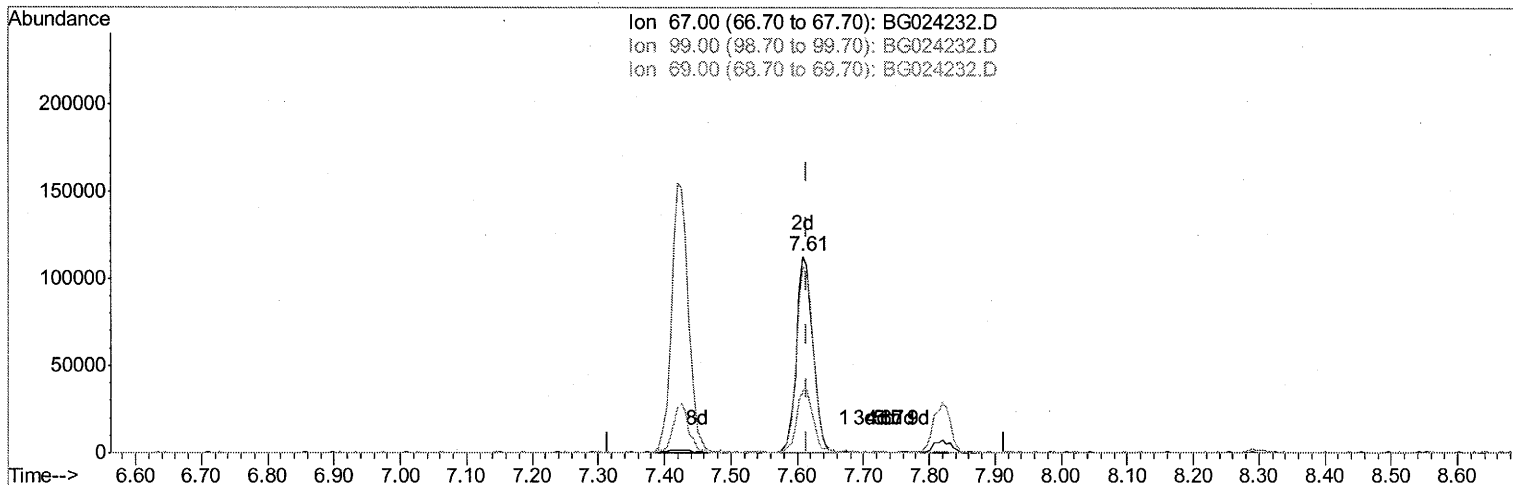
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Operator : UM/SJ
Sample : H5103-09
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Instrument :
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ClientSampleId :
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Manual Integrations
APPROVED

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(7) Bis-(2-Chloroethyl)ether-d8 (S)

7.608min (-0.007) 16.92ng/ul m

response 193899

Ion	Exp%	Act%
67.00	100	100
99.00	142.10	94.57#
69.00	34.00	30.95
0.00	0.00	0.00

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10/12/16

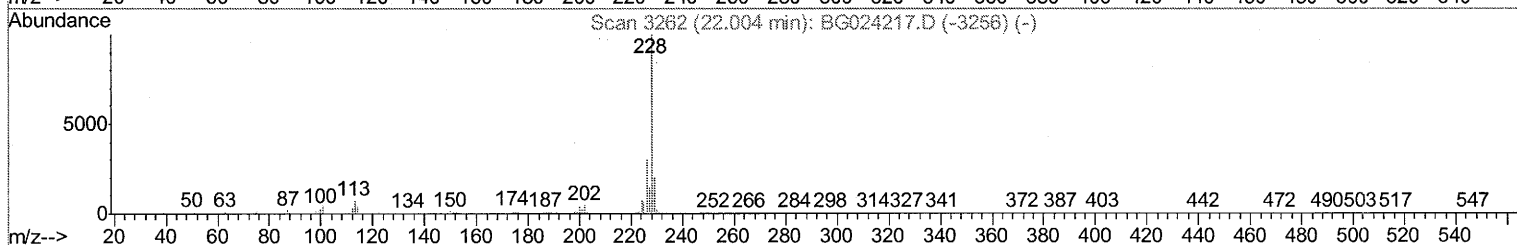
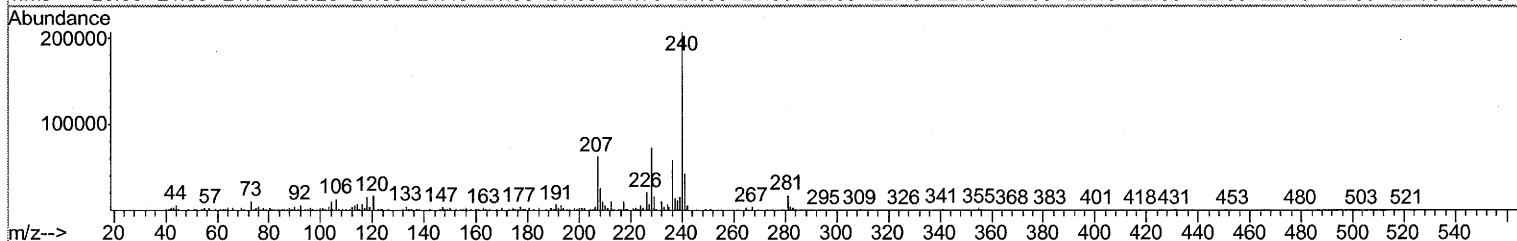
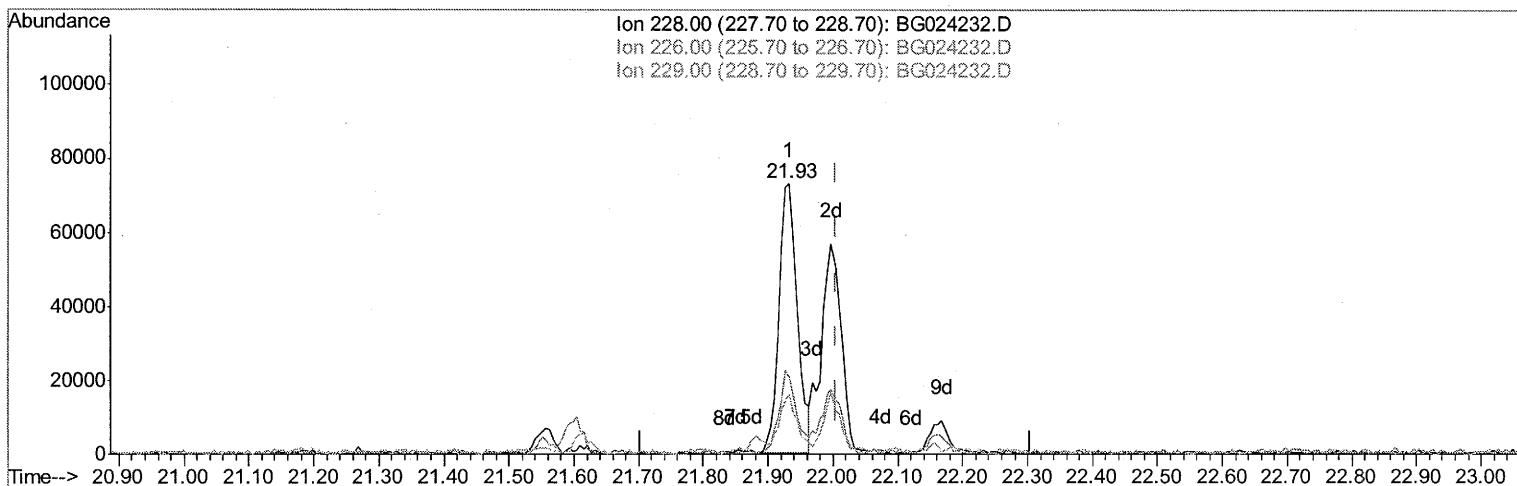
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
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Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
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Instrument :
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Manual Integrations
APPROVED

sohil
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Quant Time: Oct 07 13:59:26 2016
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TIC: BG024232.D

(82) Chrysene

21.933min (-0.072) 2.07ng/ul

response 142509

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	28.68
229.00	18.80	22.37
0.00	0.00	0.00

Quantitation Report (Qedit)

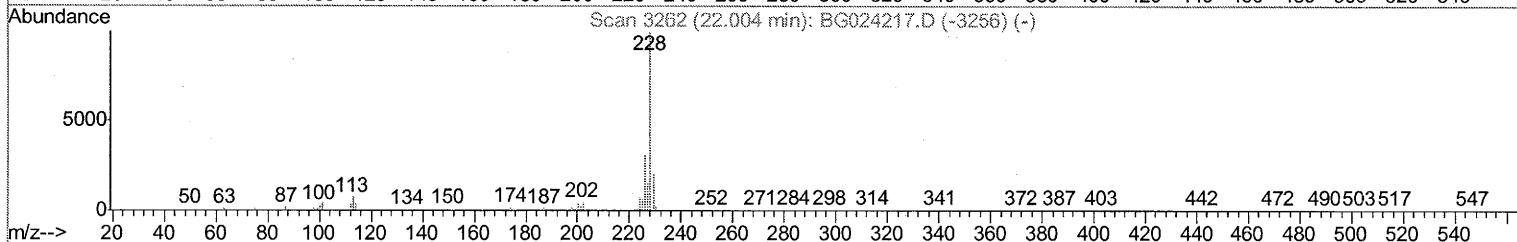
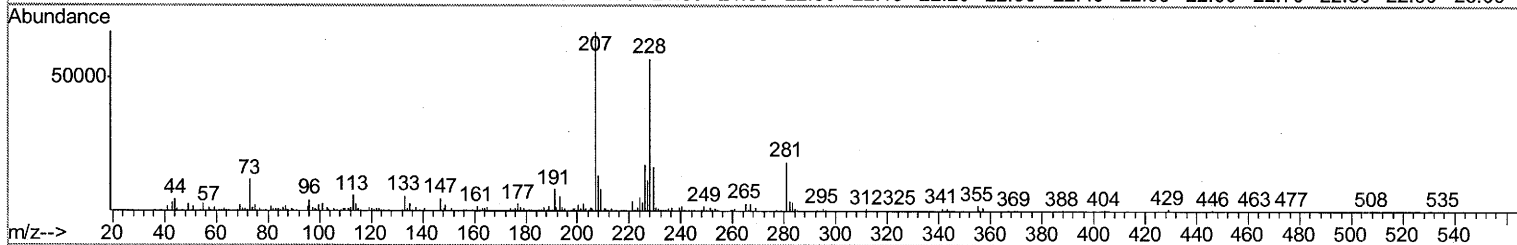
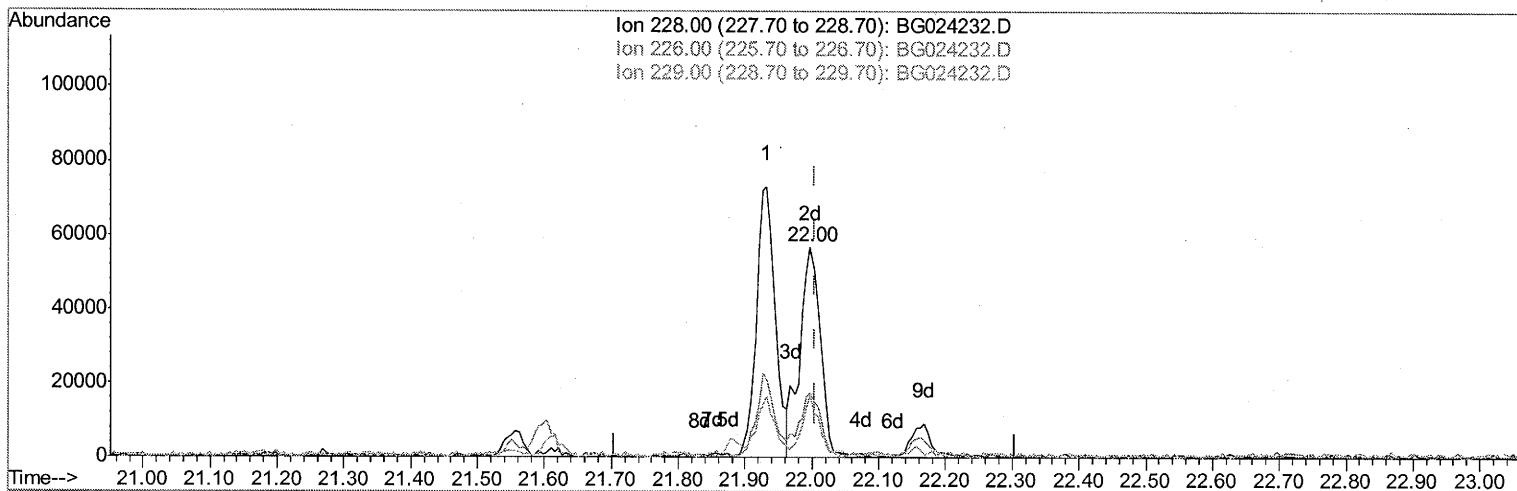
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024232.D
Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Manual Integrations
APPROVED

sohil
10/7/2016 7:01:34 PM

Quant Time: Oct 07 13:59:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG024232.D

(82) Chrysene

21.997min (-0.007) 1.77ng/ul m

response 121342

10/12/16

Ion	Exp%	Act%
228.00	100	100
226.00	30.30	30.68
229.00	18.80	29.33#
0.00	0.00	0.00

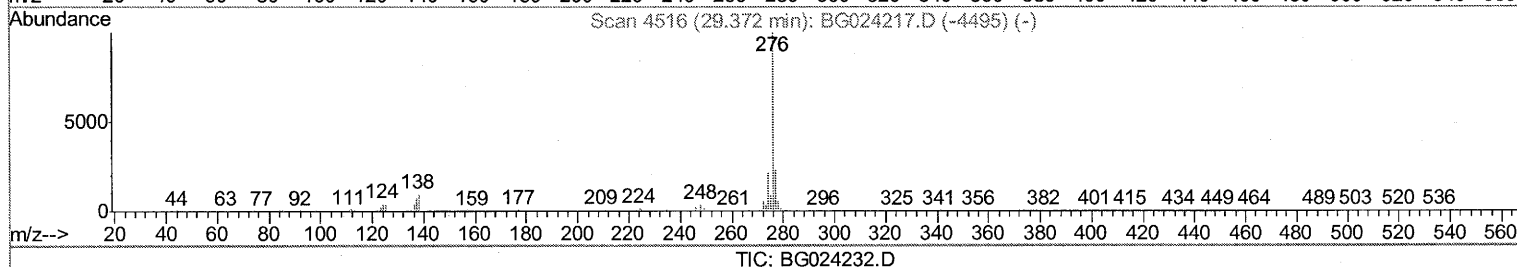
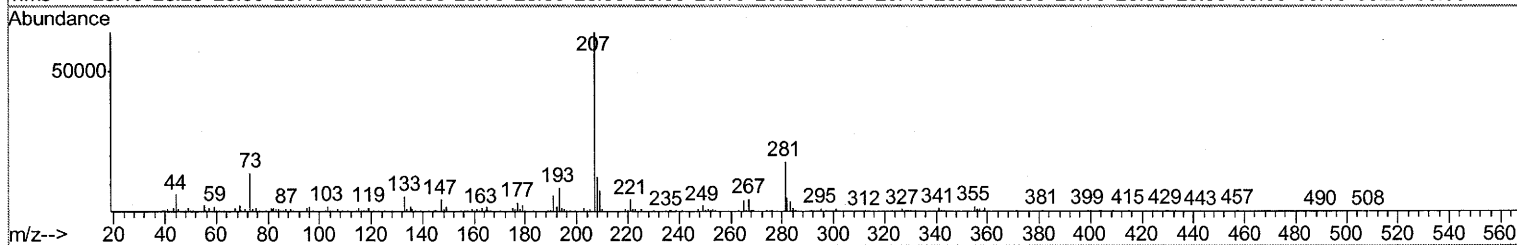
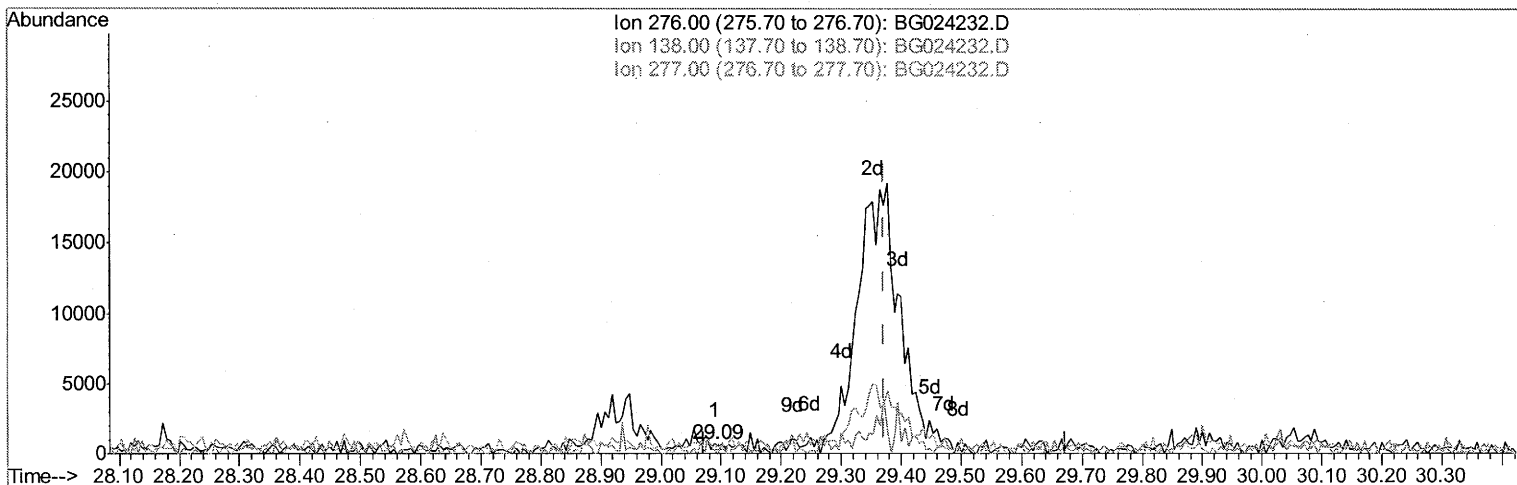
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024232.D
Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Manual Integrations
APPROVED

sohil
10/7/2016 7:01:34 PM

Quant Time: Oct 07 13:59:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



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

29.089min (-0.283) 0.01ng/ul

response 433

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	27.92
277.00	22.00	23.19
0.00	0.00	0.00

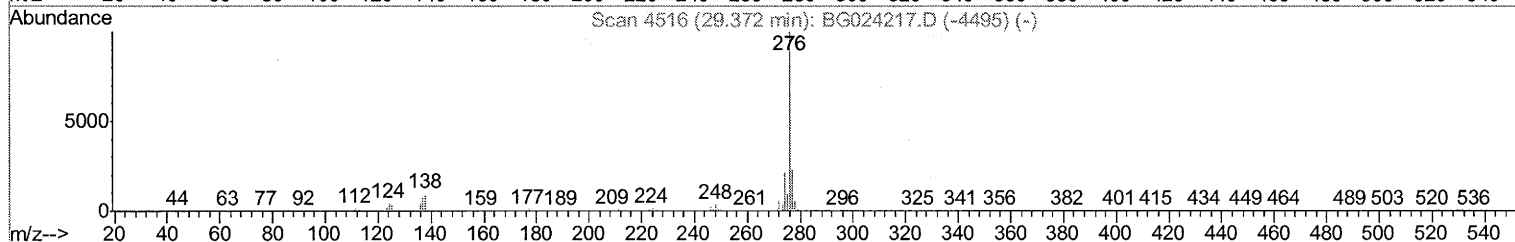
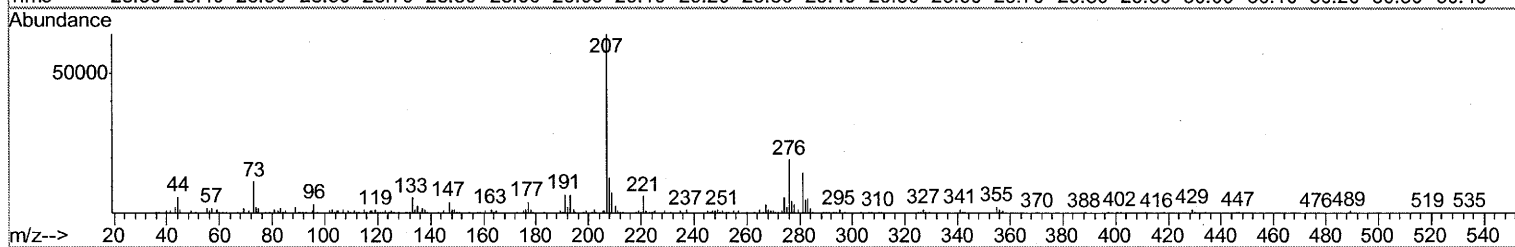
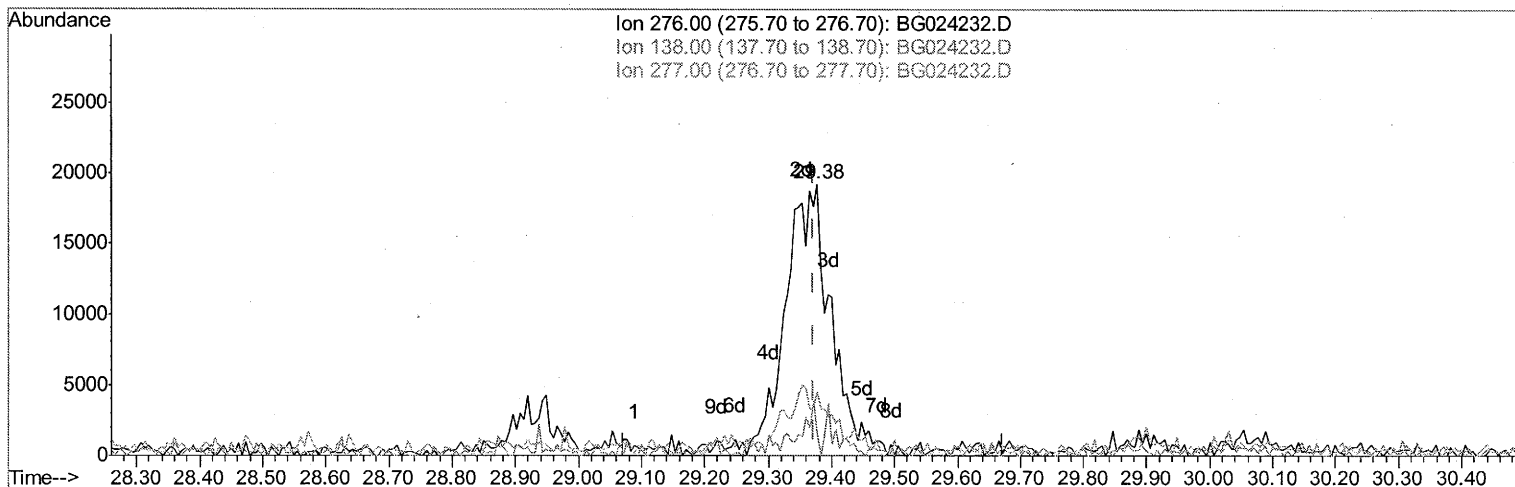
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Data File : BG024232.D
Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Manual Integrations
APPROVED

sohil
10/7/2016 7:01:34 PM

Quant Time: Oct 07 13:59:26 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration



TIC: BG024232.D

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

29.377min (+0.005) 1.14ng/ul m

response 95493

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	7.96#
277.00	22.00	23.24
0.00	0.00	0.00

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Quantitation Report (Qedit)

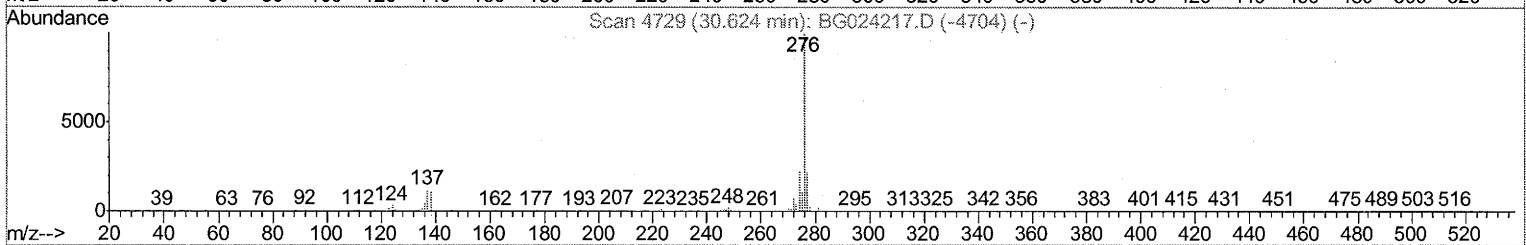
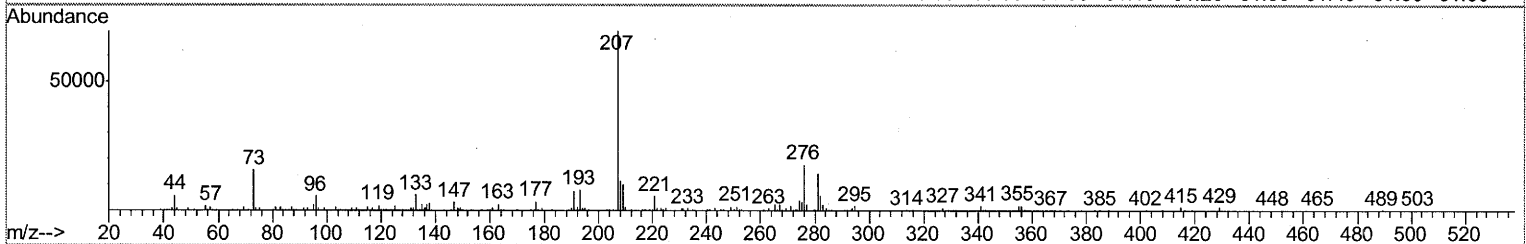
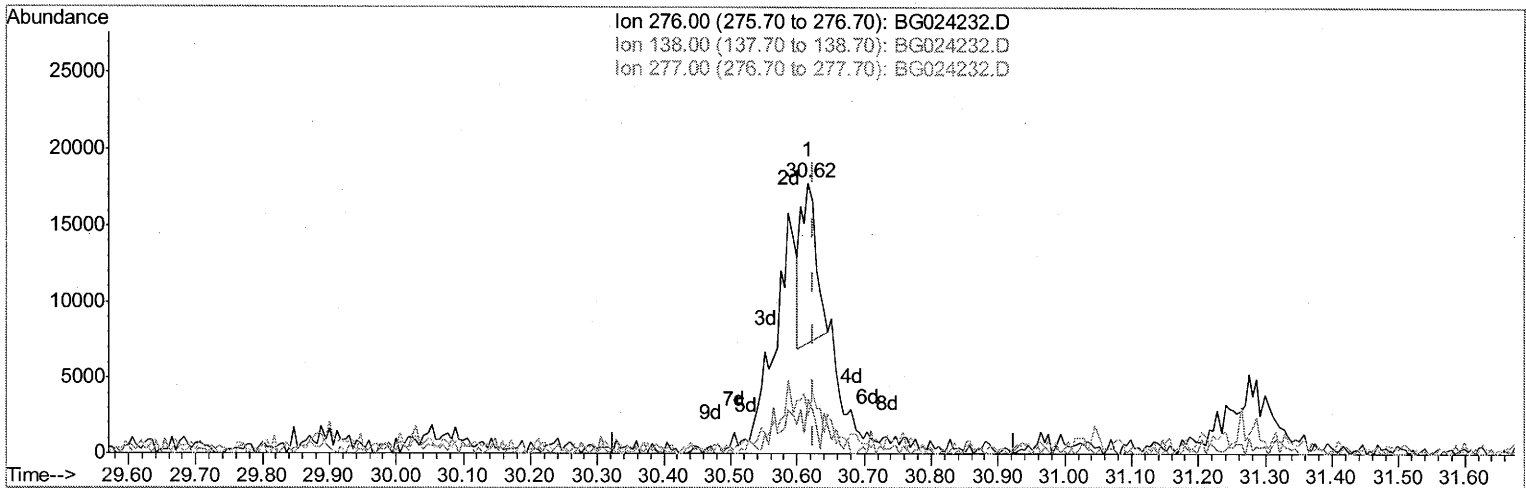
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024232.D
Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampled :
P001-BF003-0006-01

Manual Integrations
APPROVED

sohil
10/7/2016 7:01:34 PM

Quant Time: Oct 07 14:04:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024232.D

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

30.617min (-0.007) 0.23ng/ul

response 16406

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	20.08#
277.00	21.20	13.89#
0.00	0.00	0.00

Quantitation Report (Qedit)

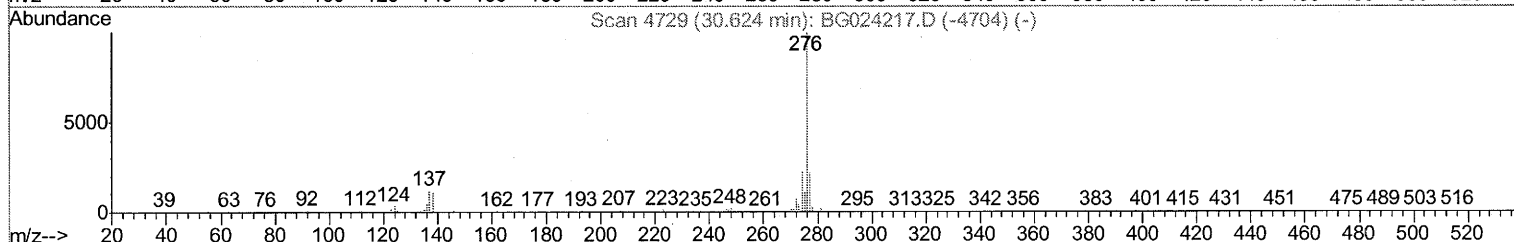
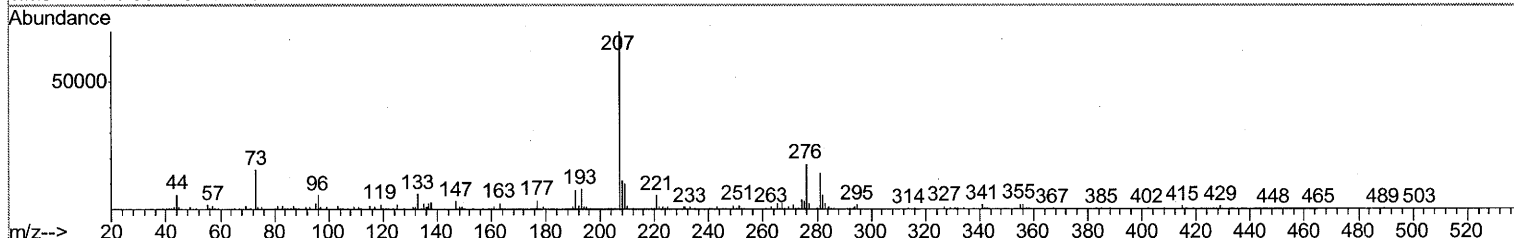
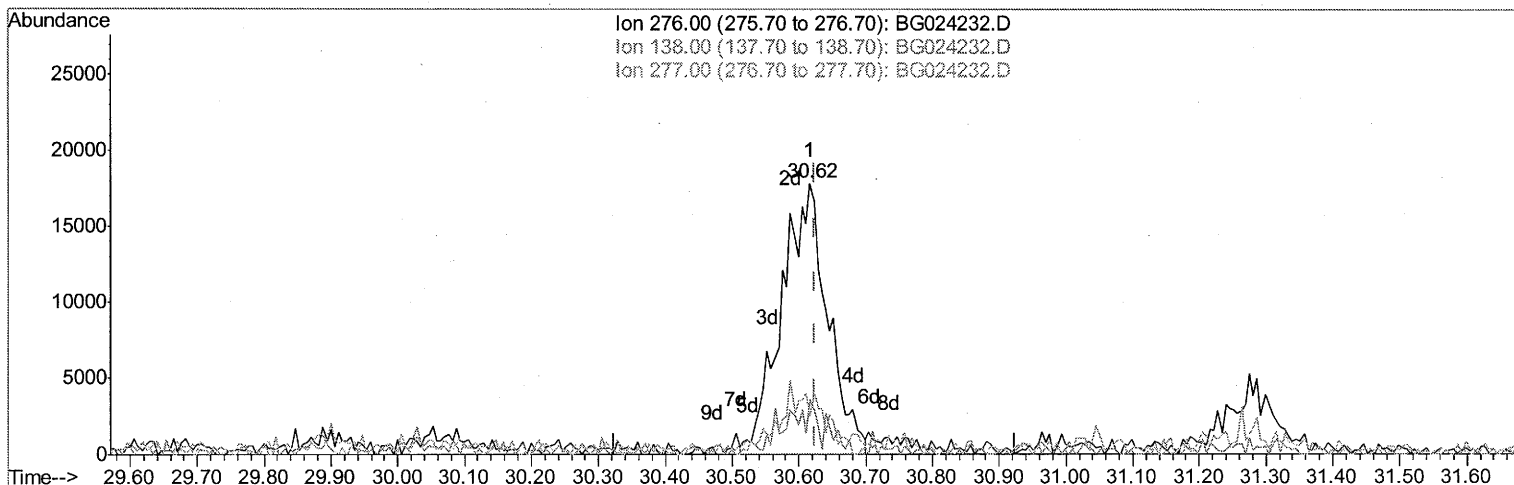
Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024232.D
Acq On : 7 Oct 2016 13:23
Operator : UM/SJ
Sample : H5103-09
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-BF003-0006-01

Manual Integrations
APPROVED

sohil
10/7/2016 7:01:34 PM

Quant Time: Oct 07 14:04:19 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration



TIC: BG024232.D

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

30.617min (-0.007) 1.20ng/ul m

response 84482

UM
10/12/16

Ion	Exp%	Act%
276.00	100	100
138.00	27.60	18.10#
277.00	21.20	13.89#
0.00	0.00	0.00

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 ClientSampled :
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Manual Integrations
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 QLast Update : Fri Oct 07 06:34:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	181706	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	804729	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	632488	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1233407	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1300615	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1341000	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	10218	2.67	ng/uL	0.00
5) Phenol-d5	7.42	99	278658	16.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	193899m	16.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	198171	16.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	231752	16.91	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	101697	17.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	113619	17.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	234581	16.86	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	298239	20.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	872737	19.76	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	1019736	20.16	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	121693	15.54	ng/ul	0.00
57) Fluorene-d10	15.90	176	838061	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	131389	17.73	ng/ul	0.00
70) Anthracene-d10	17.75	188	1249672	22.43	ng/ul	0.00
76) Pyrene-d10	20.02	212	1363873	22.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1351576	22.40	ng/ul	0.00

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Target Compounds

						Qvalue
44) Dimethylphthalate	14.35	163	691272	15.96	ng/ul	96
69) Phenanthrene	17.69	178	112077	1.80	ng/ul	96
74) Fluoranthene	19.68	202	294030	4.67	ng/ul#	90
77) Pyrene	20.05	202	238521	3.43	ng/ul#	88
80) Benzo(a)anthracene	21.93	228	141586	1.96	ng/ul	97
82) Chrysene	22.00	228	121342m	1.77	ng/ul	
85) Benzo(b)fluoranthene	24.29	252	142336	1.91	ng/ul#	88
88) Benzo(a)pyrene	25.23	252	122624	1.73	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.38	276	95493m	1.14	ng/ul	
91) Benzo(g,h,i)perylene	30.62	276	84482m	1.20	ng/ul	

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 10/12/16

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